Parts List

FORDSON SUPER MAJOR 1960/64

INCLUDING

FORDSON MAJOR 1952/60

FORD TRACTOR OPERATIONS

FORD MOTOR COMPANY

CONTENTS OF PARTS LIST

1. Printed Index
2. Pictorial Index
3. Illustrations and text of detail parts

INSTRUCTIONS FOR ORDERING

Refer to:–

1. Pictorial/Printed Index and select page number of illustration and/or text assembly or system required.
2. Illustration (if shown) and select basic part number of item required.
3. Parts List for correct part number including prefix and suffix.

Note: Items on pages 16 to 249 are listed in basic part number sequence when shown in the outset position unless otherwise stated.
Non-basic numbers, e.g., E39–MB-9 are shown in part number sequence in index pages 11 to 15

EXPLANATORY NOTES

YEAR RANGES:

(i) Where a part has been used from the commencement of production or some later date the month and year of introduction is shown to the left of an oblique stroke thus:–

11/57/ indicates part introduced in November 1957.

(ii) Where a part is introduced, used for a period, then discontinued, the year range is shown thus:–

11/60/62/4 indicates part introduced in November 1960 and discontinued as from April 1962.

SOMMAIRE DU CATALOGUE DE PIECES

1. Index imprimé
2. Index illustré
3. Illustrations et texte des pièces détaillées

INSTRUCTIONS POUR PASSER LES COMMANDES

Se référer à:–

1. l'index illustré/imprimé et noter le numéro de la page de l'illustration et/ou du texte de l'ensemble ou du système requis.
2. à l'illustration (si représentée) et noter le numéro de pièce de base de la pièce requise.
3. au catalogue de pièces pour le numéro de pièce correct, préfixe et suffixe y compris.

Remarque: Les articles des pages 16 a 249 sont énumérés dans l'ordre de pièce de base lorsqu'ils figurent à la position extérieure, à moins d'indication contraire.
Les numéros qui ne sont pas des numéros de base, par ex. E39–MB-9 sont indiqués dans l'ordre des numéros de pièces aux index des pages 11 a' 15

REMARQUES EXPLICATIVES

ANNEES:

(i) Lorsqu'une pièce a été employée depuis le commencement de la production ou à une date ultérieure, le mois et l'année d'introduction sont indiqués à la gauche d'une barre oblique, ainsi:–

11/57/ indique que la pi èce a été introduite en Novembre 1957.

(ii) Lorsqu'une pièce est introduite, utilisée pendant un certain temps, puis n'est plus employée, l'année est indiquée de la manière suivante:–

11/60/62/4, ce qui indique que la pièce a été introduite en Novembre 1960 et n'est plus utilisée depuis Avril 1962.

INHALT DER ERSATZTEILLISTE

1. Textverzeichnis
2. Abbildungsverzeichnis
3 Abbildungen und Text von Einzelteilen

ANWEISUNGEN FUR BESTELLUNGEN

Nachschlagen:–

1. Abbildungs/Textverzeichnis und Seitennummer der Abbildung und/oder Text des gewünschten Unterzusammenbaus oder System heraussuchen.
2. Abbildung (wenn vorhanden) und Grund-Teilenummer des gewünschten Teiles heraussuchen.
3. Aus dem Teiletext die richtige Teilenummer einschließlich Vorund Nachsatz heraussuchen.

Anmerkung: Teile von Seite 16 bis 249 sind in der Grund-Teilenummernfolge der Abbildung angeordnet, wenn eine anderweltige Anordnung nicht erwähnt wird. Andere Nummern, wie z.B. E39–MB-9 werden in Teile-Nummernreihenfolge im Verzeichnis auf Seite 11 bis 15 aufgeführt.

ERKLARUNGEN

BAUJAHRE:

(i) Wenn ein Teil seit Aufnahme der Produktion oder einen späteren Zeitpunkt benützt wurde, werden Monat und Jahr der Einfuhrung links des Schrägstriches angegeben, wie z.B.:–

11/57/ Teil wurde im November 1957 eingeführt.

(ii) Wenn ein Teil zu einem Zeitpunkt nach Aufnahme der Produktion eingeführt wurde, werden Monat und Jahr der Einführung jeweils links eines Schrägstriches angegeben. Zum Beispiel:–

11/60/62/4 – Teil wurde im November 1960 eingeführt und ab April 1962 nicht mehr verwendet.

CONTENIDO DE LA LISTA DE PIEZAS

1. Indice detallado
2. Indice gráfico
3. Illustraciones y detalle de componentes individuals

INSTRUCCIONES PARA FORMULAR PEDIDOS

Consúltense:–

1. Los indices gráfico y detallado a fin de obtener el número de página de la ilustración y/o detalle del conjunto o sistema que se precise.
2. La ilustración (si la hubiera) y anótese el número de pieza básica del componente que se precise.
3. La lista de piezas, a fin de obtener el número de pieza correcto, incluyendo el prefijo y sufijo.

Nota: Los componentes que se indican en las páginas 16 a 249 van relacionados por orden de números de pieza básicos cuando aparecen en columna aparte, salvo indicación contraria.
Los números no básicos, por ejemplo E39–MB-9, se indican por orden de números de pieza en el índice de las páginas 11 a 15.

EXPLICACION

ANOS DE FABRICACION:

(i) Cuando sigue en uso una pieza introducida al comienzo de la producción o más tarde, el mes y año de introducción aparecen a la izquierda de una Linea, oblicua, asi:

11/57/ Denota pieza introducida en Noviembre de 1957.

(ii) Cuando una pieza se suprime después de haberse empleado durante algún tiempo, el año de fabricación se indica así:

11/60/62/4 Denota pieza introducida en Noviembre de 1960 y suprimida a partir de Abril de 1962.

INDEX TO PARTS LIST

	page
ACCESSORIES	244
AIR CLEANER	218
AUTOMATIC HITCH	90
AXLE–FRONT	72
AXLE–REAR	83
BATTERY CLAMP	95
BONNET(HOOD)	211
BRAKES	57
BRAKES–REAR WHEEL	62
CLUTCH	131
COOLING SYSTEM	138
DRAWBAR	86
ELECTRICAL SYSTEM	186
ENGINE	98
ENGINE OIL FILTER	218
FRAME	94
FUEL INJECTION EQUIPMENT	164
FUEL SYSTEM	147
GEARBOX	121
GOVERNOR AND CONTROL LINKAGE	222
HYDRAULIC POWER LIFT	19
INSTRUMENT BOX	195
KITS AND MISCELLANEA	245
MAGNETO	226
MANIFOLDS	158
MUDGUARDS (FENDERS)	209
MISCELLANEOUS	228
MISCELLANEOUS NON-BASIC NUMBERS	11
PLOUGHING LAMP	216
POWER TAKE-OFF	128
PULLEY	230
REAR TOWING ATTACHMENT	88
REAR VIEW MIRROR	216
SEAT	16
SILENCER (MUFFLER)	95
STANDARD PARTS	250
STEERING GEAR	75
TACHOMETER	213
THROTTLE CONTROLS	181
TOOLS AND STARTING HANDLE	212
TRANSMISSION–FRONT	121
TRANSMISSION–REAR	83
WHEELS	53

INDEX DE CATALOGUE DE PIECES

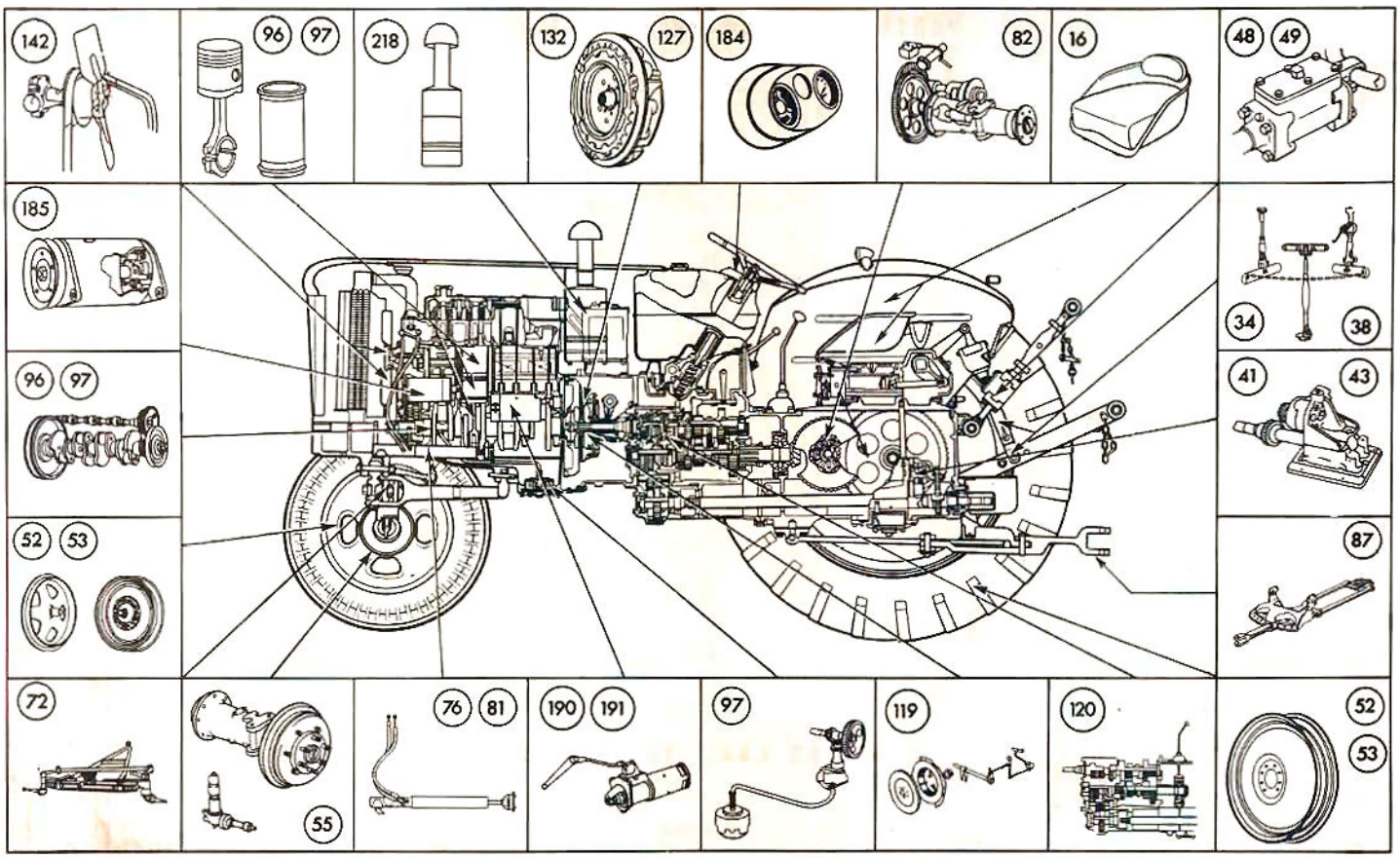
	page
ACCESSOIRES	244
ATTACHE DE BATTERIE	95
BARRE D'ATTELAGE	86
BOITE D'INSTRUMENTS	195
BOITE DE VITESSES	121
CAPOT	211
CHASSIS	94
COMMANDES D'ACCELERATEUR	181
DISPOSITIF D'ATTELAGE AUTOMATIQUE	90
DIVERS	228
DIVERS–NUMEROS QUI NE SONT PAS LES NUMEROS DE BASE	11
EMBRAYAGE	131
EPURATEUR D'AIR	218
EQUIPEMENT D'INJECTION	164
ESSIEU AVANT	72
FEU DE LABOURAGE	216
FILTER A HUILE DE MOTEUR	218
FIXATION ARRIERE DE REMORQUAGE	88
FREINS	57
FREINS ROUES ARRIERE	62
GARDE-BOUE	209
MAGNETO	226
MECANISME DE DIRECTION	75
MOTEUR	98
OUTILS ET MANIVELLE DE DEMARRAGE	212
PIECES STANDARD	250
PONT ARRIERE	83
POULIE	230
PRISE DE FORCE	128
REGULATEUR ET TRINGLERIE DE COMMANDE	222
RELEVAGE HYDRAULIQUE	19
RETROVISEUR	216
ROUES	53
SIEGE	16
SILENCIEUX	95
SYSTEME D'ALIMENTATION	147
SYSTEME DE REFROIDISSEMENT	138
SYSTEME ELECTRIQUE	186
TACHYMETRE	213
TRANSMISSION–ARRIERE	83
TRANSMISSION–AVANT	121
TROUSSES ET DIVERS	245
TUBULURES	158

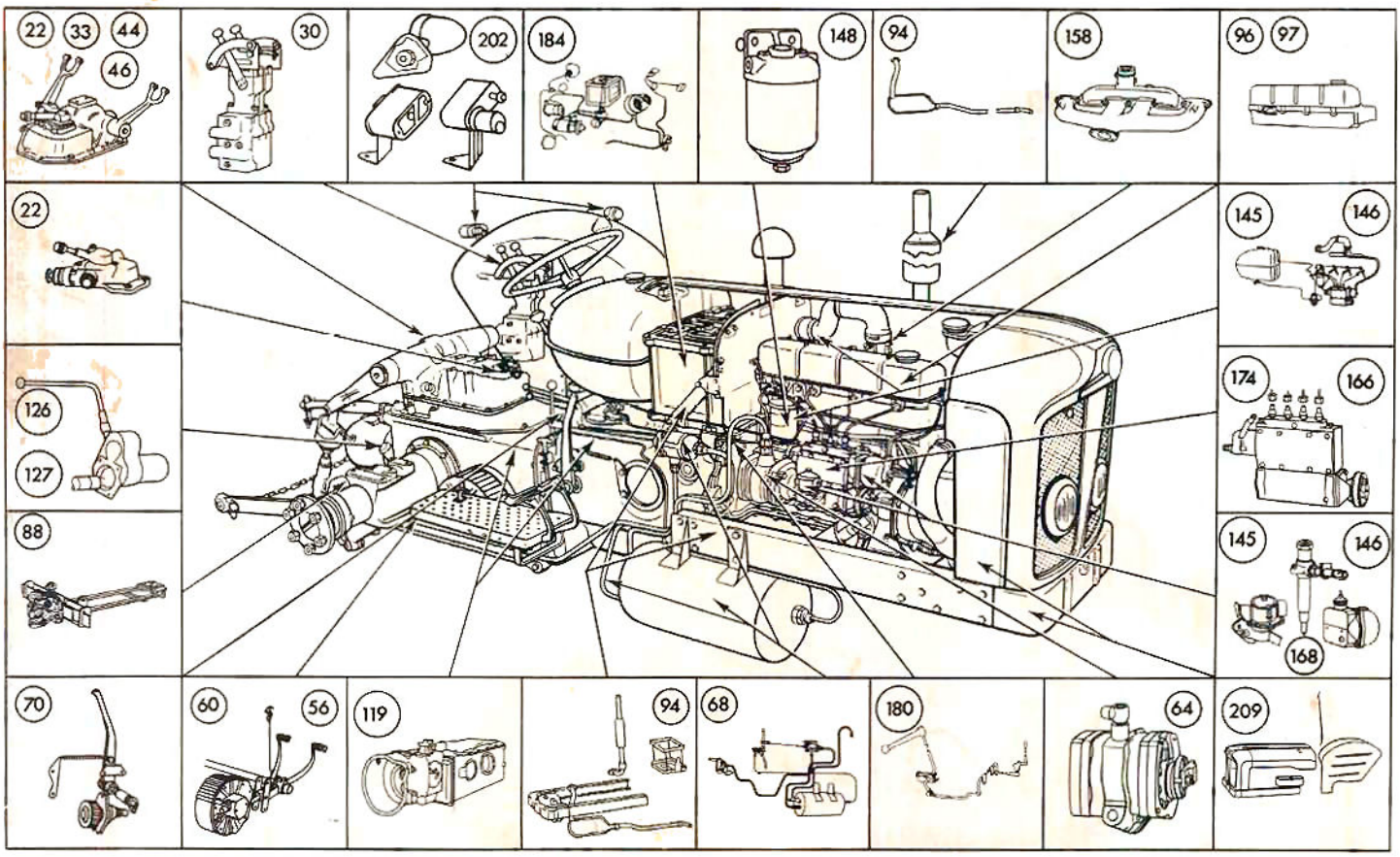
VERZEICHNIS ZUR ERSATZTEILLISTE

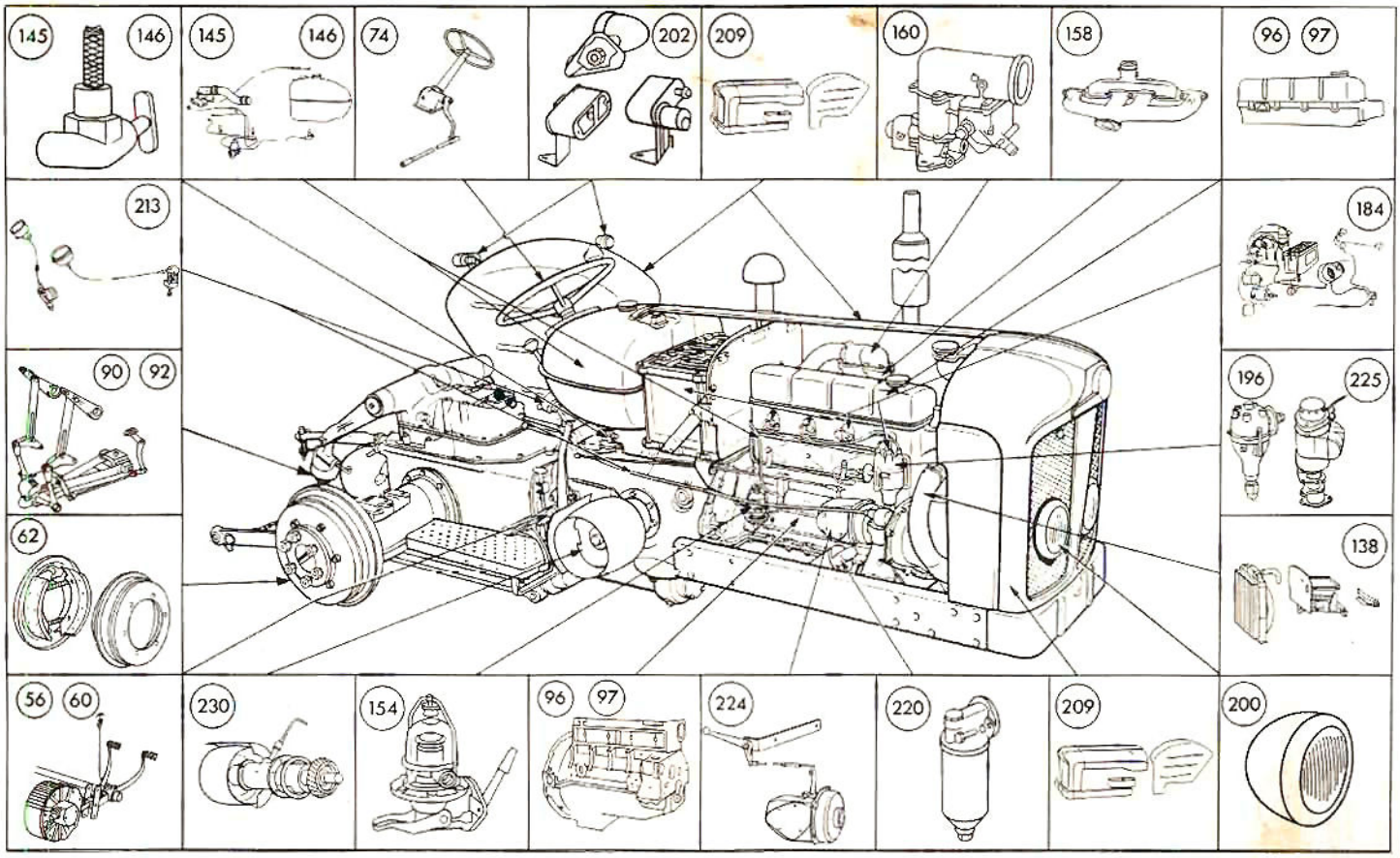
	Seite
AUTOMATISCHE WINDE	90
BATTERIEKLEMME	95
BREMSEN	57
BREMSEN HINTERRAD	62
ELEKTRISCHE ANLAGE	186
GETRIEBE	121
HINTERACHSE	83
HINTERE SCHLEPPEINRICHTUNG	88
HYDRAULIKHEBER	19
INSTRUMENTENKASTEN	195
KOTFLUGEL	209
KRAFTSTOFF–EINSPRITZAUSRUSTUNG	164
KRAFTSTOFFSYSTEM	147
KRÜMMER	158
KÜHLSYSTEM	138
KUPPLUNG	131
LENKGETRIEBE	75
LUFTFILTER	218
MOTOR	98
MOTORHAUBE	211
MOTOROLFILTER	218
MOTORREGLER UND BATATIGUNG	222
NEBENANTRIEB	128
NORMTEILE	250
PFLUGLAMPE	216
RÄDER	53
RAHMEN	94
RIEMENSHEIBE	230
RÜCKBLICKSPIEGEL	216
SÄTZE UND VERSCHIEDENES	245
SCHALLDAMPFER (AUSPUFFTOPF)	95
SITZ	16
TACHOMETER	213
UBERTRAGUNG–HINTEN	83
UBERTRAGUNG–VORNE	121
VERGASERGESTÄNGE	181
VERSCHIEDENES	228
VERSCHIEDENES, KEINE GRUNDNUMMEN	11
VORDERACHSE	72
WERKZEUGE UND ANLASSKURBEL	212
ZUBEHÖR	244
ZUGSTANGE	86
ZUNDUNG	86

INDICE DE LA LISTA DE PIEZAS

	pagina
ACCESORIOS	244
ASIENTO	16
BARRA DE ARRASTRE	86
CAJA DE CAMBIOS	121
CAJA DE INSTRUMENTOS	121
CAPÔ	211
CHASIS	94
COLECTORES	158
EJE–DELANTERO	72
EJE–TRASERO	83
ELEVADOR HIDRÄULICO	19
EMBRAGUE	131
ENGANCHE AUTOMÄTICO	90
ESPEJO RETROVISOR	216
EQUIPO DE REMOLQUE TRASERO	88
EQUIPO INYECCIÔN COMBUSTIBLE	164
EQUIPOS VARIOS	245
FILTRO DE ACEITE DEL MOTOR	218
FRENOS	57
FRENOS DE RUEDAS TRASEROS	62
GUARDABARROS	209
HERRAMIENTAS Y MANIVELA DE ARRANQUE	212
LUZ DE ARADURA	216
MAGNETO	226
MANDOS DEL ACELERADOR	181
MECANISMO DE DIRECCIÓN	75
MOTOR	98
PIEZAS NORMALES	250
POLEA	230
PURIFICADOR DE AIRE	218
REGULADOR Y VARILLAJE DE CONTROL	222
RUEDAS	53
SILENCIADOR	95
SISTEMA DE COMBUSTIBLE	147
SISTEMA DE REFRIGERACIÓN	138
SISTEMA ELÉCTRICO	186
SUJETADOR DE BATERIA	95
TACÔMETRO	213
TOMA DE FUERZA	128
TRANSMISIÔN–PARTE DELANTERA	121
TRANSMISIÔN–PARTE TRASERA	83
VARIOS	228
VARIOS–NÚMEROS NO BÄSICOS	11


142
96
97
218
132
127
184
82
16
48
49
185
34
38
96
97
41
43
52
53
87
72
76
81
190
191
97
119
120
52
53
55


22
33
44
46
30
202
184
148
94
158
96
97
22
145
146
126
127
174
166
88
145
146
168
70
60
56
119
94
68
180
64
209



END OF MONTH VEHICLE NUMBERS

	DOMESTIC	EXPORT
1962		
JANUARY	744763	744762
FEBRUARY	748536	748536
MARCH	752790	752789
APRIL	756397	756396
MAY	760605	760603
JUNE	763855	763853
JULY	765817	765816
AUGUST	769001	769001
SEPTEMBER	771616	771616
OCTOBER	775045	775045
NOVEMBER	778476	778476
DECEMBER	781469	781469
1963		
JANUARY	785912	785911
FEBRUARY	948666	948666
MARCH	952583	952583
APRIL	956289	956287
MAY	960301	960301
JUNE	964120	964119
JULY	967832	967834
AUGUST	970814	970814
SEPTEMBER	974949	974950
OCTOBER	979532	979530
NOVEMBER	982802	982800
DECEMBER	985618	985615
1964		
JANUARY	950494	950492
FEBRUARY	954149	954145
MARCH	957596	957592
APRIL	961346	961348
MAY	964661	964664
JUNE	967989	967987
JULY	970623	970625
AUGUST	973016	973018
SEPTEMBER	976148 *	973142 *

* End of Model Serial Number

INITIAL STOCK PERCENTAGE SCALE

The percentage figures, printed in italics alongside the year column in this parts list, indicate the estimated relative requirements under normal service conditions of parts against which they appear.

Their main purpose is to assist you in compiling "Initial Stock" orders. Subsequent orders should be based more on actual experience of the relative movement of parts which will take into account any conditions peculiar to your territory.

These figures indicate the estimated number of "full sets" of parts (i.e. quantity used per vehicle to be ordered for servicing 100 vehicles).

for Example

957E–6701 Seal.

Quantity required per vehicle equals 2, scaling 10%.
To service 100 vehicles: 20 suggested as initial order.
To service 25 vehicles: 5 suggested as initial order.

It is already known approximately what value of spare parts will be needed to give adequate spare parts availability in your particular territory, the quantities obtained by the above calculations can readily be reduced or increased by an appropriate proportion to bring the order to the total value desired.

It must be clearly understood that in all cases of optional equipment, the percentage printed should be applied only to the number of vehicles so equipped.

It is emphasized that this information is given for guidance only and local conditions such as climate, working conditions, proximity of supply source, etc., should be taken into account when using this percentage scale.

ECHELLE DE POURCENTAGE DE STOCK INITIAL

Les pourcentages imprimés en italiques le long de la colonne de l'année, dans ce catalogue de pièces, indiquent les besoins relatifs estimatifs dans les conditions de service normales des pièces en face lesquelles ils figurent.

Leur objet est de faciliter la preparation des commandes de "Stock Initial". Les commandes suivantes devraient etre davantage basees sur l'écoulement des pièces d'après les conditions particulières à votre pays.

Ces chiffres indiquent le nombre estimatif de "jeux complets" de pièces (c'est-à-dire les quantités employées par véhicule, commandées pour la reparation de 100 véhicules).

Par example:

957E–6701 Joint.

Quantité requise par véhicule: 2, échelle 10%.
Pour réparer 100 véhicules: 20 chiffre conseillé comme commande initiale.
Pour réparer 25 véhicules: 5, chiffre conseillé comme commande initiale.

Si vous connaissez déjà le chiffre approximatif de pièces de rechange nécessaires dans votre pays, vous pouvez facilement augmenter ou diminuer le chiffre obtenu par le calcul ci-dessus, pour obtenir le chiffre total désiré.

Il convient de ne pas oublier que dans tous les cas d'équipement facultatif, le pourcentage imprimé ne doit s'appliquer qu'au nombre de véhicles dotés de cet équipement.

Nous insistons sur le fait que ce renseignement n'est donne qu'a titre d'indication et en utilisant cette echelle de pourcentage, il faut tenir compte des conditions de climat, travail, proximité de sources d'approvisionnement, etc.

PROZENTSKALA FUR ANFANGS–LAGERBESTANDE

Die in Kursivschrift längs der Jahresspalte dieser Ersatzteilliste aufscheinenden Prozentziffern geben die Schätzungsweise erforderliche Menge der betreffenden Teile unter normalen Betriebsbedingungen an.

Sie dienen hauptsachlich dazu, Ihnen Richtlinien zum Anlegen eines "Anfangslagers" zu geben. Spätere Bestellungen müssen sich auf die tatsachlichen Erfahrungen im Ersatzeilhandel unter berucksichtigung der in Ihrem Gebiet vorherrschenden Bedingungen gründen.

Die Ziffern geben die veranschlagte Anzahl der "vollen Sätze" an (d.h. die pro Wagen verwendete Menge, die für die Wartung von 100 wagen bestellt werden sollte).

Beispiel:

957E–6701 Dichtung.

Pro Wagen erforderliche Anzahl – 2, Prozentskala 10%.
Für 100 Wagen: 20 als Anfangsbestellung vorgeschlagen.
Für 25 Wagen: 5 als Anfangsbestellung vorgeschlagen.

Wenn die ungefähre Anzahl von Ersatzteilen, die in Ihrem Gebiet einen ausreichenden Lagerbestand darstellt, bereits bekannt ist, können die durch die obige Berechnung erhaltenen Ziffern natürlich im entsprechenden Verhaltnis verringert oder vergröbert werden.

In allen Fallen von Sonderausrustungen darf nicht vergessen werden, daß die Prozentsätze sich nur auf die *mit diesen Teilen ausgestatteten Wagen* bezeihen.

Es wird besonders dar auf hingwiesen, daß diese Anleitungen nur als Richtlinien dienen sollen und örtliche Umstände, wie Klima, Arbeitsbedingungen, Entfernung von Lieferanten, u.ä. bei der Verwendung der Prozentskala in Betracht gezogen werden müssen.

ESCALA DE PORCENTAJES PARA EXISTENCIAS INICIALES

En esta lista de piezas los porcentajes impresos en bastardilla, a continuación de la columna indicadora del año, señalan las cantidades aproximadas requeridas para satisfacer las necesidades de servicio normales.

Esta información se proporciona con el objeto de ayudarles en la preparación de pedidos para la formación de "Existencias Iniciales". Los pedidos subsiguientes se deben basar más bien sobre la experiencia adquirida respecto al movimiento de piezas, lo que refleja automáticamente las caracteristicas particulares del territorio.

Esta cifras indican el número aproximado de "juegos completos" de piezas de repuesto (es dicir, la cantidad necesaria para la reparación de 100 vehiculos en base al número requerido por unidad).

Ejemplo:

957E–6701 Retén hermético

Cantidad requerida por vehiculo 2; escala 10%.
Para la reparación de 100 vehiculos recomendamos se soliciten 20 en pedido inicial
Para la reparación de 25 vehiculos aconsejamos se incluyan 5 en el pedido inicial

Si ya se sabe el valor aproximado de las piezas que se necesitan para poder ofrecer un servicio de repuestos adecuado en el territorio, las cantidades establecidas en la forma señalada más arriba se podrán reducir o aumentar fácilmente en la proporción apropiada para que el pedido se ajuste al valor total requerido.

En todos los casos de equipo opcional se debe comprender perfectamente que el procentaje impreso es aplicable únicamente a vehiculos *dotados de tal equipo*.

Deseamos destacar que esta información se proporciona come guia solamente puesto que, al aplicar los porcentajes indacados, es preciso tener en cuenta las caracteristicas particulares del mercado local como, por ejemplo, el clima, las condiciones de servicio, distancia desde los centros de abastecimiento, etc.

PARTS EXCHANGE PLAN
(DOMESTIC ONLY)

Factory reconditioned parts are available, through the Parts Exchange Plan, on the **DOMESTIC** market only. Those used on Fordson Major Tractors from 1952 are listed below. They also appear in the body of the list in italics immediately below the new part, or in numerical order if the new part has been replaced.

Part No.	Used	Remarks
	BRAKE SHOES	
	Refer to TRACTOR PARTS INFORMATION No. 335	
E27N–2019-C	52/–	
E27N–2019-E	52/–	
EIADDN–2019	52/60/11	
EIADKN–2019	52/60/11	
	CONNECTING RODS	
EIADDN–6200-B	52/57/4	Diesel
EIADDN–6200-C	4/57/–	Diesel
EIADKN–6200-B	52/–	Petrol and V.O.
	CLUTCH DISCS	
EIADDN–7550-B	60/–	
EIADKN–7550-A	52/–	
EIADKN–7550-B	52/–	
EIADKN–7550-D	57/–	With L.P.T.O.
E58-GC-9	57/–	With L.P.T.O.
	CLUTCH PRESSURE PLATES	
EIADDN–7563-A	8/59/	
EIADDN–7563-B	60/–	
EIADKN–7563-A	52/59/8	
	FUEL PUMPS	
EIADKN–9350-B	52/–	Less exhauster
502E–9350	54/–	With exhauster
	CARBURETTORS	
EIADN–9510-A	52/57	Petrol
EIADKN–9510-A	52	Use with starter carburettor
EIADKN–9510-B	52/57	Vap. Oil
EIADKN–99592	52/	Starter only
	REGULATOR AND CUT OUT	
E27N–10505-F	52/	
	INJECTORS	
EIADDN–993157-C	52/57/4	
EIADDN–993157-E	4/57/58	
EIADDN–993157-C	58/	

Ford Motor Company Ltd. reserve the right to reject any part which in their opinion is so badly damaged as to be unfit for reconditioning.

MISCELLANEOUS—NON-BASIC NUMBERS.

Part No.	Name	Page No.
E7–CA-9	Gasket	100
E16–CA-9	Plate	111
E17–CA-9	Plate	111
E26–CA-5	Dowel	100
E76–CA-9	Plate	111
E77–CA-9	Plate	111
E9–CF-9	Washer	100, 151, 152
E35–CF-9	Washer	149,221
E36–CF-9	Seal	221,149
E38–CF-9	Spring	219
E39–CF-9	Head	221
E40–CF-9	Spring	150, 219
E83–CF-9	Head	221
E109–CF-5	Ring	111
E14–CG-9	Slinger	104,106
E15–CG-9	Cleaner	99
E28–CG-9	Hose	117
E29–CG-9	Element	99
E45–CG-9	Slinger	99, 104, 106
E57–CG-5	Cleaner	99
E58–CG-5	Clip	99
E60–CG-5	Cover	99
E66–CG-9	Hose	117
E1–CH-5	Bolt	114
E2–CH-9	Washer	115
E3–CH-9	Washer	64, 100, 112, 113
E9–CJ-9	Shim	143
E1–CL-9	Washer	178
E6–CL-9	Pin	223
E11–CL-9	Spring	163
E12–CL-9	Spring	223
E16–CL-9	Washer	100, 178
E30–CL-9	Bolt	150
E44–CL-9	Grommet	150,221
E46–CL-9	Bush	150
E95–CL-9	Cover	153
E132–CL-9	Seal	171, 172, 235
E134–CL-9	Dowel	171
E174–CL-9	Dowel	177
E196–CL-9	Nut	167
E231–CL-9	Washer	179
E241–CL-9	Element	219
E242–CL-9	Element	219
E243–CL-9	Seal	219
E250–CL-5	Bush	170
E280–CL-5	Ferrule	167
E286–CL-9	Head	147
E287–CL-9	Shell	149
E288–CL-9	Bolt	150
E348–CL-9	Flange	179
E349–CL-9	Clip	178
E392–CL-9	Shell	149
E395–CL-9	Retainer	149
E407–CL-9	Bush	171
E424–CL-5	Lever	167
E425–CL-5	Lever	167
E426–CL-5	Lever	167
E427–CL-5	Shim	169
E430–CL-5	Spring	167
E431–CL-5	Link	168
E432–CL-5	Link	168
E433–CL-5	Control	167
E434–CL-5	Spring	168
E435–CL-5	Spring	168
E436–CL-5	Lever	168
E439–CL-5	Stud	167
E440–CL-5	Spacer	168
E441–CL-5	Shaft	167
E442–CL-5	Screw	168
E443–CL-5	Plug	167
E444–CL-5	Pin	168
E445–CL-5	Gasket	167
E448–CL-5	Pin	171
E449–CL-5	Gasket	167
E450–CL-5	Fork	168
E451–CL-5	Bearing	169
E452–CL-5	Sleeve	169
E453–CL-5	Plate	168
E457–CL-5	Cap	167
E488–CL-9	Spring	150
E495–CL-9	Head	147
E501–CL-9	Element	219
E506–CL-9	Spring	150
E507–CL-9	Washer	149
E508–CL-9	Seal	149
E512–CL-9	Gasket	149
E515–CL-9	Shell	149
E549–CL-5	Hub	167
E560–CL-5	Retainer	149
E699–CL-5	Bracket	164
E709–CL-9	Cambox	175
E711–CL-5	Cambox	175
E712–CL-9	Cover	175
E713–CL-9	Cover	175
E714–CL-9	Gasket	175
E715–CL-9	Carrier	175
E717–CL-9	Shaft	175
E718–CL-9	Lever	175
E719–CL-9	Spring	175
E724–CL-9	Link	175
E725–CL-9	Spring	175
E728–CL-9	Lever	175
E731–CL-9	Shaft	175
E751–CL-5	Flange	179
E784–CL-5	Lever	175
E39–CN-9	Plate	100, 104, 106, 117
E95–CN-9	Plate	100,104,106,117
E105–CN-9	Gasket	104,106
E134–CN-5	Plate	99
E1–CP-9	Spacer	100, 105
E2–CP-9	Spacer	114
E4–CP-9	Spring	100, 113
E7–CP-9	Lever	100, 113
E10–CP-9	Seal	113
E22–CP-9	Lever	100, 113
E70–CP-9	Gear	104,106,107
E71–CP-9	Gear	104,106,111
E80–CP-9	Bearing	104,106,111
E83–CP-9	Gear	104,106,107
E84–CP-9	Gear	104,106,111
E92–CP-9	Shaft	111, 116
E93–CP-9	Shaft	106, 111, 116
E94–CP-9	Shaft	104, 106, 111
E96–CP-9	Shaft	104, 106, 111
E3–CQ-9	Spacer	199
E4–CQ-9	Ring	192
E5–CQ-9	Clip	192
E24–CQ-9	Plug	186
E81–CQ-9	Sleeve	192
E85–CQ-9	Shim	192
E86–CQ-9	Shim	192
E87–CQ-9	Shim	192
E88–CQ-9	Ring	192
E89–CQ-9	Plate	192
E90–CQ-9	Spring	192
E93–CQ-9	Pinion	192
E97–CQ-9	Pin	194
E99–CQ-9	Cover	188
E100–CQ-9	Cover	188
E212–CQ-1	Washer	198
E249–CQ-9	Starter	191
E250–CQ-5	Bearing	186
E270–CQ-9	Shim	192
E271–CQ-9	Shim	192
E324–CQ-9	Sleeve	192
E18–CR-9	Cover	227

MISCELLANEOUS—NON-BASIC NUMBERS—*continued*

Part No.	Name	Page No.
E23–CR-9	Cap	226
E25–CR-9	Contact	226
E57–CR-9	Cover	227
E261–DB-9	Washer	74
E281–DB-9	Bracket	200
E20–EB-9	Bush	84
E21–EB-9	Spacer	84
E22–EB-9	Sleeve	83
E137–EB-9	Coupling	84
E138–EB-9	Rod	84
E142–EB-9	Washer	84
E145–EB-9	Bush	61,85
E146–EB-9	Pedal	85
E148–EB-9	Collar	85
E149–EB-9	Cover	60,85
E150–EB-9	Lever	85
E151–EB-9	Gasket	60,85
E152–EB-9	Baffle	85
E155–EB-9	Plate	60,85
E167–EB-9	Bush	84
E179–EB-9	Spring	84
E180–EB-9	Pinion	84
E226–EB-9	Spring	84
E234–EB-9	Case	84
E325–EB-9	Washer	85
E326–EB-9	Circlip	85
E344–EB-9	Shaft	85
E8–FB-9	Plunger	63
E92–FB-9	Disc	60
E93–FB-9	Spring	60
E94–FB-9	Ball	60
E95–FB-9	Pin	60
E96–FB-9	Link	60
E97–FB-9	Rod	60
E98–FB-9	Yoke	60
E99–FB-9	Disc	60
E104–FB-9	Cover	61
E105–FB-9	Housing	60
E106–FB-9	Housing	61
E108–FB-9	Plate	61
E109–FB-9	Screw	61
E112–FB-9	Plate	61
E2–FC-9	Control	58
E63–FC-9	Control	61
E48–FD-9	Bracket	70
E213–FD-9	Rod	71
E292–FD-9	Lever	70
E148–FF-9	Lever	61
E149–FF-9	Yoke	61
E150–FF-9	Block	61
E151–FF-9	Sleeve	61
E152–FF-9	Spring	61
E6–FG-5	Gasket	64
E7–FG-5	Bracket	65
E8–FG-5	Seal	65
E11–FG-5	Dog	65
E12–FG-5	Flange	65
E13–FG-5	Pin	65
E16–FG-5	Bolt	66
E18–FG-9	Reservoir	68
E19–FG-9	Valve	68
E20–FG-9	Rod	69
E23–FG-9	Gauge	69
E24–FG-9	Bracket	69
E25–FG-9	Bracket	69
E26–FG-9	Coupling	69
E27–FG-9	Bracket	68
E29–FG-9	Pipe	69
E30–FG-9	Pipe	68
E31–FG-9	Pipe	69
E34–FG-9	Clip	69
E35–FG-9	Collar	69
E36–FG-9	Clip	69
E37–FG-9	Bracket	69
E38–FG-9	Fork	69
E40–FG-5	Rotor	65
E41–FG-5	Collar	65
E42–FG-5	Ring	65
E43–FG-5	Bearing	65
E47–FG-5	Gasket	66
E48–FG-5	Plate	66
E49–FG-5	Plate	66
E50–FG-5	Gasket	66
E51–FG-5	Plate	66
E52–FG-5	Plate	66
E53–FG-5	Plug	66
E54–FG-5	Spring	66
E55–FG-5	Ball	66
E56–FG-5	Ring	66
E57–FG-5	Spring	66
E58–FG-5	Seal	66
E59–FG-5	Plug	66
E60–FG-5	Plug	66
E61–FG-9	Adaptor	68
E63–FG-9	Pin	69
E69–FG-5	Plug	66
E70–FG-5	Disc	66
E72–FG-9	Collar	69
E74–FG-5	Cover	65
E76–FG-5	Body	65
E83–FG-5	Exhauster	64
E90–FG-5	Bolt	66
E91–FG-9	Lever	69
E118–FG-5	Cover	65
E152–FG-5	Plate	66
E153–FG-5	Spring	66
E154–FG-5	Ring	66
E155–FG-5	Rotor	65
E157–FG-5	Body	65
E158–FG-5	Blade	65
E172–FG-5	Gasket	65
E173–FG-5	Gasket	65
E174–FG-5	Flange	64
E175–FG-5	Elbow	65
E176–FG-5	Gasket	64
E177–FG-5	Exhauster	64
E189–FG-5	Rotor	65
E191–FG-5	Bearing	65
E192–FG-5	Body	65
E195–FG-5	Cover	65
E197–FG-5	Pipe	69
E203–FG-5	Bearing	65
E15–GA-1	Ring	231
E81–GA-9	Shaft	123
E85–GA-9	Locknut	123
E87–GA-9	Gear	123
E89–GA-9	Shaft	122, 123
E94–GA-9	Fork	124
E95–GA-9	Retainer	123
E333–GA-9	Pinion	123
E373–GA-9	Housing	121
E653–GA-9	Cotter Pin	128
E18–GB-9	Lever	124

MISCELLANEOUS—NON-BASIC NUMBERS—*continued*

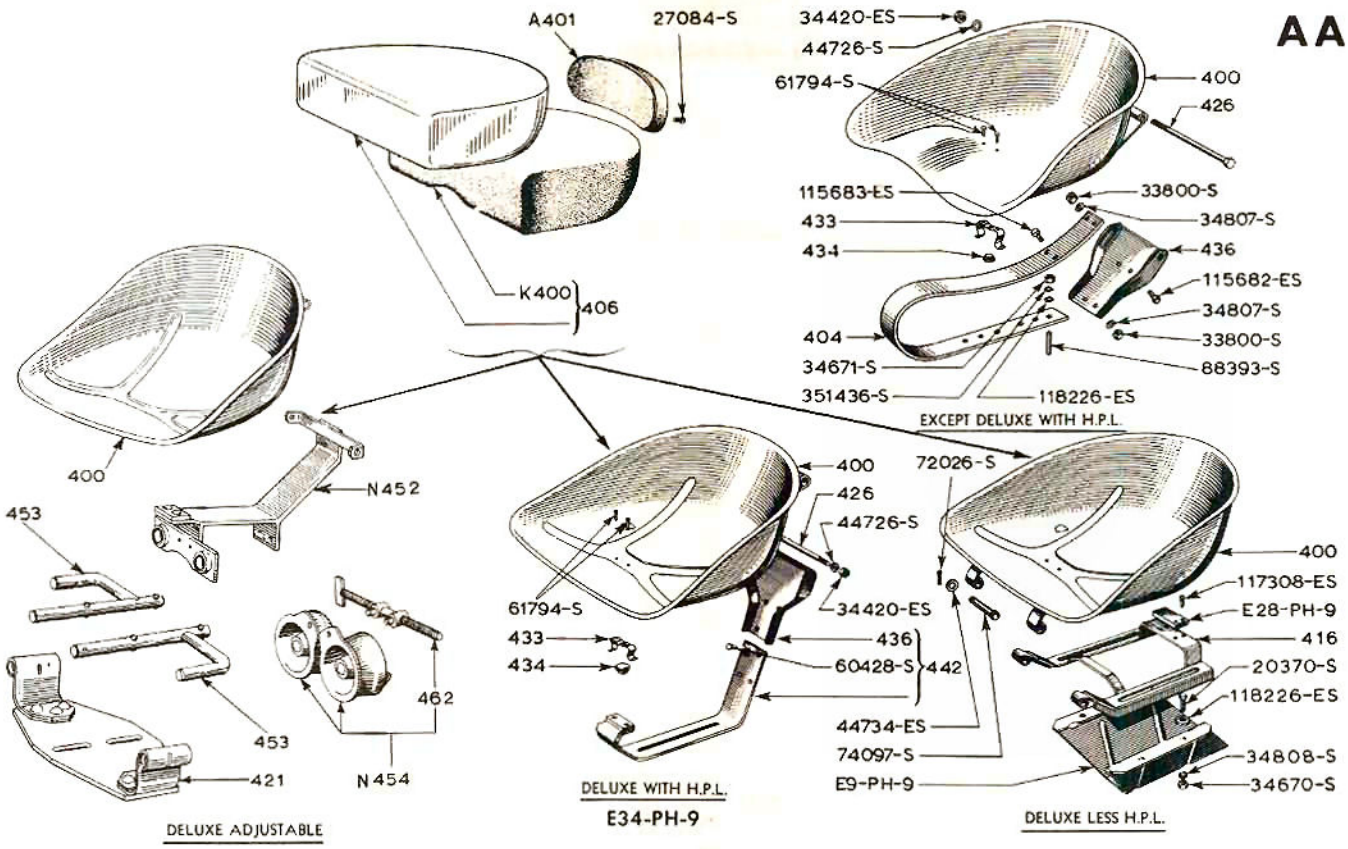
Part No.	Name	Page No.
E20–GB-9	Lever	125
E164–GB-9	Lever	124
E165–GB-9	Lever	124
E3–GC-9	Cover	116
E6–GC-9	Plate	135
E33–GC-9	Circlip	135
E35–GC-9	Seat	135
E36–GC-9	Plate	135
E38–GC-9	Lever	135
E39–GC-9	Yoke	135
E40–GC-9	Plate	135
E41–GC-9	Spring	135
E48–GC-9	Spring	135
E53–GC-9	Strut	136
E54–GC-9	Pin	135
E85–GC-9	Link	136
E86–GC-9	Dowel	112
E87–GC-9	Dowel	112
E94–GC-9	Ferrule	135
E97–GC-9	Pin	135
E115–GC-9	Dowel	112
E116–GC-9	Dowel	112
E117–GC-9	Spacer	134
E99–GD-9	Stop	133
E100–GD-9	Clip	36,50,133,136
E119–GD-9	Retainer	122
E120–GD-9	Stop	133
E122–GD-9	Spring	121, 131
E322–GD-9	Bush	133
E326–GD-9	Nut	134
E327–GD-9	Spring	134
E328–GD-9	Plate	134
E329–GD-9	Strut	134
E3–GE-9	Gear	130
E7–GE-9	Gear	130
E8–GE-9	Retainer	129
E11–GE-9	Shaft	131
E15–GE-9	Cover	131
E17–GE-9	Shaft	128
E20–GE-9	Gasket	130
E22–GE-9	Gasket	131
E23–GE-9	Shaft	130
E24–GE-9	Shaft	130
E34–GE-9	Ring	129
E86–GE-9	Sleeve	122
E88–GE-9	Seal	122
E129–GE-9	Lever	130
E149–GE-9	Ring	129
E151–GE-9	Panel	231
E152–GE-9	Panel	231
E154–GE-9	Bracket	231
E155–GE-9	Bracket	231
E157–GE-9	Bracket	130
E158–GE-9	Bracket	130
E162–GE-9	Retainer	131
E163–GE-9	Housing	130
E165–GE-9	Gasket	131
E166–GE-9	Lockwasher	130
E64–GF-9	Seal	79
E73–GF-9	Plate	23
E81–GF-9	Spring	23
E82–GF-9	Seal	23
E83–GF-9	Washer	23
E97–GF-9	Seal	42
E98–GF-9	Circlip	42
E105–GF-9	Seal	27
E121–GF-9	Stop	19
E122–GF-9	Adaptor	42
E125–GF-9	Seal	28, 47
E130–GF-9	Block	27
E133–GF-9	Guide	27
E141–GF-9	Ring	34
E142–GF-9	Rod	24
E150–GF-9	Washer	26
E154–GF-9	Pipe	23
E158–GF-9	Retainer	23
E167–GF-9	Valve	24
E168–GF-9	Cover	24
E169–GF-9	Cap	24
E170–GF-9	Spool	24
E171–GF-9	Spring	25
E172–GF-9	Plunger	25
E173–GF-9	Stop	25
E174–GF-9	Lever	26
E185–GF-9	Pivot	25
E186–GF-9	Spring	26
E188–GF-9	Restrictor	24
E189–GF-9	Gasket	24
E190–GF-9	Roller	27
E197–GF-9	Retainer	47
E198–GF-9	Spindle	24
E201–GF-9	Pin	38
E202–GF-9	Lever	24
E206–GF-9	Rod	26
E209–GF-9	Rod	26
E210–GF-9	Lever	25
E213–GF-9	Pipe	23
E220–GF-9	Bracket	23
E222–GF-9	Pipe	23
E223–GF-9	Pipe	23
E230–GF-9	Body	23
E231–GF-9	Knob	25
E1–HA-9	Reinforcement	54
E21–HA-9	Weight	53
E8–JA-9	Pipe	152
E9–JA-9	Nut	152
E45–JA-9	Ring	150
E46–JA-9	Spring	150
E188–JA-9	Retainer	150
E22–JB-9	Bracket	182,193
E41–JB-5	Lever	181
E140–JB-9	Cover	182
E183–JB-9	Lever	182
E184–JB-9	Bracket	182
E185–JB-9	Shaft	182
E186–JB-9	Rod	182
E192–JB-9	Ring	181
E234–JB-9	Control	182
E238–JB-9	Bracket	181
E240–JB-9	Grommet	181
E241–JB-9	Rod	181
E244–JB-9	Rod	181
E247–JB-9	Control	182
E249–JB-9	Rod	182
E250–JB-9	Shaft	182
E299–JB-9	Rod	222
E328–JB-9	Control	182
E346–JB-9	Boot	73
E347–JB-9	Retainer	73
E348–JB-9	Clip	73
E349–JB-9	Clip	73
E392–JB-5	Bracket	182
E1–LD-9	Bracket	79
E5–LD-9	Bracket	80
E6–LD-9	Pump	79
E8–LD-9	Pulley	80
E9–LD-9	Bracket	77, 80
E10–LD-9	Adaptor	79
E11–LD-9	Pulley	80
E12–LD-9	Adaptor	80
E16–LD-9	Cover	79
E18–LD-9	Unit	77
E23–LD-9	Washer	78
E24–LD-9	Washer	78
E25–LD-9	Washer	78
E26–LD-9	Piston	77
E27–LD-9	Ring	77
E28–LD-9	Retainer	78
E29–LD-9	Retainer	78
E31–LD-9	Plug	78
E32–LD-9	Scraper	78

MISCELLANEOUS—NON-BASIC NUMBERS—*continued*

Part No.	Name	Page No.
E33–LD-9	Pin	78
E37–LD-9	Spring	78
E38–LD-9	Ring	78
E40–LD-9	Stud	78
E45–LD-9	Cover	78
E46–LD-9	Sleeve	78
E47–LD-9	Collar	78
E48–LD-9	Spacer	78
E50–LD-9	Pad	78
E51–LD-9	Cover	78
E52–LD-9	Ring	79
E53–LD-9	Spacer	78
E54–LD-9	Cup	78
E55–LD-9	Cup	78
E56–LD-9	Cup	79
E57–LD-9	Cup	79
E58–LD-9	Stud	78
E60–LD-9	Seal	77
E61–LD-9	Shim	79
E62–LD-9	Shim	79
E63–LD-9	Shim	79
E68–LD-9	Clip	80
E69–LD-9	Cap	79
E70–LD-9	Spacer	79
E86–LD-9	Body	79
E89–LD-9	Cover	79
E90–LD-9	Shaft	79
E91–LD-9	Bearing	79
E92–LD-9	Housing	79
E93–LD-9	Valve	80
E94–LD-9	Spring	80
E95–LD-9	Rotor	79
E96–LD-9	Spring	80
E97–LD-9	Adaptor	80
E98–LD-9	Reservoir	80
E99–LD-9	Plate	80
E100–LD-9	Stud	80
E101–LD-9	Element	80
E102–LD-9	Cover	80
E103–LD-9	Cap	80
E104–LD-9	Cap	80
E105–LD-9	Gasket	80
E108–LD-9	Screw	80
E109–LD-9	Gasket	80
E110–LD-9	Spring	80
E111–LD-9	Gasket	80
E112–LD-9	Gasket	80
E113–LD-9	Gasket	80
E122–LD-9	Bracket	79
E146–LD-9	Piston	77
E147–LD-9	Ring	77
E150–LD-9	Tube	79
E151–LD-9	Tube	79
E152–LD-9	Sleeve	78
E153–LD-9	Unit	77
E154–LD-9	Bush	77
E157–LD-9	Tube	79
E158–LD-9	Cover	79
E159–LD-9	Collar	79
E160–LD-9	Ring	77
E164–LD-9	Ring	77
E165–LD-9	Bush	77
E189–LD-9	Body	78
E190–LD-9	Hose	80
E191–LD-9	Hose	80
E192–LD-9	Hose	80
E193–LD-9	Hose	80
E194–LD-9	Adaptor	79
E195–LD-9	Adaptor	80
E196–LD-9	Rod	77
E204–LD-9	Adaptor	80
E208–LD-9	Sleeve	78
E212–LD-9	Cup	78
E213–LD-9	Holder	78
E215–LD-9	Scraper	78
E216–LD-9	Washer	78
E217–LD-9	Seal	79
E220–LD-9	Retainer	80
E221–LD-5	Seal	78
E223–LD-9	Body	78
E225–LD-9	Spreader	77,78
E249–LD-9	Tube	79
E4–MA-9	Lever	141
E15–MB-9	Hose	139
E23–MB-9	Neck	139
E39–MB-9	Clamp	139,162
E43–MB-9	Pad	139
E69–MB-9	Plate	139
E70–MB-9	Plate	139
E6–NA-9	Bracket	189
E9–NA-9	Support	189
E10–NA-9	Pad	188
E56–NA-9	Strap	95
E118–NB-9	Contact	200
E61–NC-9	Plate	203
E62–NC-9	Plate	203
E63–NC-9	Clamp	203
E64–NC-9	Socket	203
E69–NC-9	Socket	204
E155–NC-9	Cover	216
E156–NC-9	Grommet	216
E158–NC-9	Clamp	216
E159–NC-9	Socket	217
E161–NC-9	Wiring	217
E162–NC-9	Lens	217
E4–ND-9	Conduit	207
E26–ND-9	Conduit	206
E90–ND-9	Wire	203
E137–ND-9	Wire	206
E138-ND-9	Wire	206
E139–ND-9	Wire	205
E166–ND-9	Strap	206
E16–NE-9	Rod	193
E62–NE-9	Hourmeter	99,215,244
E93–NE-9	Installation	214,244
E249–NE-9	Plug	195
E250–NE-9	Ring	214
E321–NE-9	Rod	193
E395–NE-9	Seal	194
E417–NE-9	Clamp	189
E420–NE-9	Pipe	151
E516–NE-9	Bracket	215
E7–NG-1	Set	188
E8–NG-1	Set	188
E37–PA-9	Mudguard	209
E38–PA-9	Mudguard	210
E182–PA-9	Mudguard	209
E183–PA-9	Mudguard	210
E254–PA-9	Bracket	210
E256–PA-9	Bolt	210
E108–PB-9	Grommet	195
E109–PB-9	Plate	195
E96–PC-9	Plug	140
E91–PD-9	Grommet	140
E8–PE-9	Pad	140
E54–PG-9	Shroud	195
E55–PG-9	Seal	195
E58–PG-9	Shroud	195
E60–PG-9	Shroud	195
E64–PG-9	Shroud	195
E79–PG-9	Shroud	195
E1–PH-9	Rod	17
E3–PH-9	Rod	17
E8–PH-9	Bumper	17
E9–PH-9	Support	17
E10–PH-9	Rest	17
E11–PH-9	Ring	17
E15–PH-9	Link	17
E18–PH-9	Spring	17
E27–PH-9	Lever	17
E28–PH-9	Pad	17
E2–QF-9	Quadrant	37
E3–QF-9	Lever	37
E4–QF-9	Screw	36
E5–QF-9	Nut	37
E6–QF-9	Arm	37
E7–QF-9	Roller	37

MISCELLANEOUS—NON-BASIC NUMBERS—*continued*

Part No.	Name	Page No.
E9–QF-9	Dowel	37
E10–QF-9	Bolt	37,91,93
E12–QF-9	Sleeve	37
E13–QF-9	Pin	37
E14–QF-9	Body	51
E15–QF-9	Sleeve	51
E16–QF-9	Cam	37
E17–QF-9	Plug	50
E27–QF-9	Quadrant	36
E35–QF-9	Bracket	90,91
E36–QF-9	Bracket	91
E37–QF-9	Bracket	91
E40–QF-9	Dowel	91
E41–QF-9	Frame	91,93
E42–QF-9	Hook	91
E44–QG-9	Housing	90
E46–QF-9	Knuckle	91
E47–QF-9	Lever	90, 91, 93
E48–QF-9	Pedal	90
E52–QF-9	Pin	90,91
E53–QF-9	Plate	91, 93
E55–QF-9	Rod	91
E56–QF-9	Rod	91
E57–QF-9	Sleeve	90,93
E58–QF-9	Spring	88,90,93
E59–QF-8	Tab	91
E76–QF-9	Yoke	93
E108–QF-9	Rod	39
E109–QF-9	Clevis	39
E112–QF-9	Cover	39
E113–QF-9	Gasket	39
E114–QF-9	Bearing	39
E115–QF-9	Gear	39
E116–QF-9	Rod	39
E117–QF-9	Washer	39
E124–QF-9	Pedal	91
E127–QF-9	Plunger	91, 93
E129–QF-9	Link	93
E133–QF-9	Pin	93
E134–QF-9	Pin	93
E135–QF-9	Housing	93
E136–QF-9	Housing	93
E139–QF-9	Pin	93
E141–QF-9	Spring	34,39
E142–QF-9	Arm	93
E143–QF-9	Rod	93
E652–T-9	Adjuster	50
E653–T-9	Support	50
E655–T-9	Cable	50
E657–T-9	Lever	50
E658–T-9	Support	50
E660–T-9	Lever	50
E673–T-9	Pipe	25,28
E675–T-9	Bracket	25,28
E684–T-9	Kit	25,28,244
E715-T-9	Spring	50
E724–T-9	Bolt	25,32
E728–T-9	Kit	231
E741–T-9	Kit	245
E745–T-9	Bracket	50
E2001–T-9	Kit	141, 245
E2002–T-9	Kit	192, 245
E2039–T-9	Coil	187
E2045–T-9	Insulator	187
E2053-T-9	Cartridge	245
E2058-T-9	Armature	191
E2059-T-9	Cup	191
E2060–T-9	Circlip	191
E52–WC-9	Bulb	217
E53–WE-9	Kit	216,245
E52–WG-9	Weight	94
E53–WG-9	Kit	94,246
E2–WL-9	Clevis	89, 244
E5–WN-1	Compound	246
E42–WP-9	Kit	19,244
E48–WP-9	Pipe	19
E49–WP-9	Bracket	19
E50–WP-9	Adaptor	19
E69–WP-9	Spring	25, 245
E90–WP-9	Coupling	19,25
E94–WP-9	Spring	19,25
E95–WP-9	Spring	19,25
E96–WP-9	Sleeve	19,25
E97–WP-9	Cap	19,25
E119–WP-9	Bolt	28
E148–WP-9	Plug	25
E209–WP-9	Seal	25
E241–WP-9	Kit	40,246
E268–WP-9	Kit	91,244
E285–WP-9	Manifold	31
E287–WP-9	Plate	31
E288–WP-9	Pipe	32
E289–WP-9	Pipe	32
E290–WP-9	Plug	32
E291–WP-9	Bracket	32
E292–WP-9	Bracket	32
E293–WP-9	Bracket	32
E296–WP-9	Valve	31
E16–WR-9	Kit	77,244
E17–WR-9	Kit	77,244
E5–Z-9	Kit	57,246
E41–Z-9	Kit	155,246
E110–Z-9	Kit	149
E120–Z-9	Clip	116
E132–Z-1	Kit	155,246
E159–Z-9	Kit	109
E160–Z-9	Kit	109
E161–Z-9	Kit	109
E162–Z-9	Kit	109
E163–Z-9	Kit	109
E164–Z-9	Kit	109
E165–Z-9	Kit	109
E166–Z-9	Kit	109
E167–Z-9	Kit	109
E168–Z-9	Kit	109
E169–Z-9	Kit	109
E170–Z-9	Kit	109
E171–Z-9	Kit	109
E172–Z-9	Kit	109
E192–Z-5	Kit	101
E194–Z-5	Shim	101
E197–Z-9	Kit	165,246
E198–Z-9	Shim	107
E199–Z-9	Shim	107
E202–Z-9	Kit	149
E219–Z-2	Kit	187,246
E325–Z-9	Shim	104, 106, 111
E348–Z-9	Kit	138,246
E350–Z-9	Kit	138,246
E398–Z-9	Tube	79



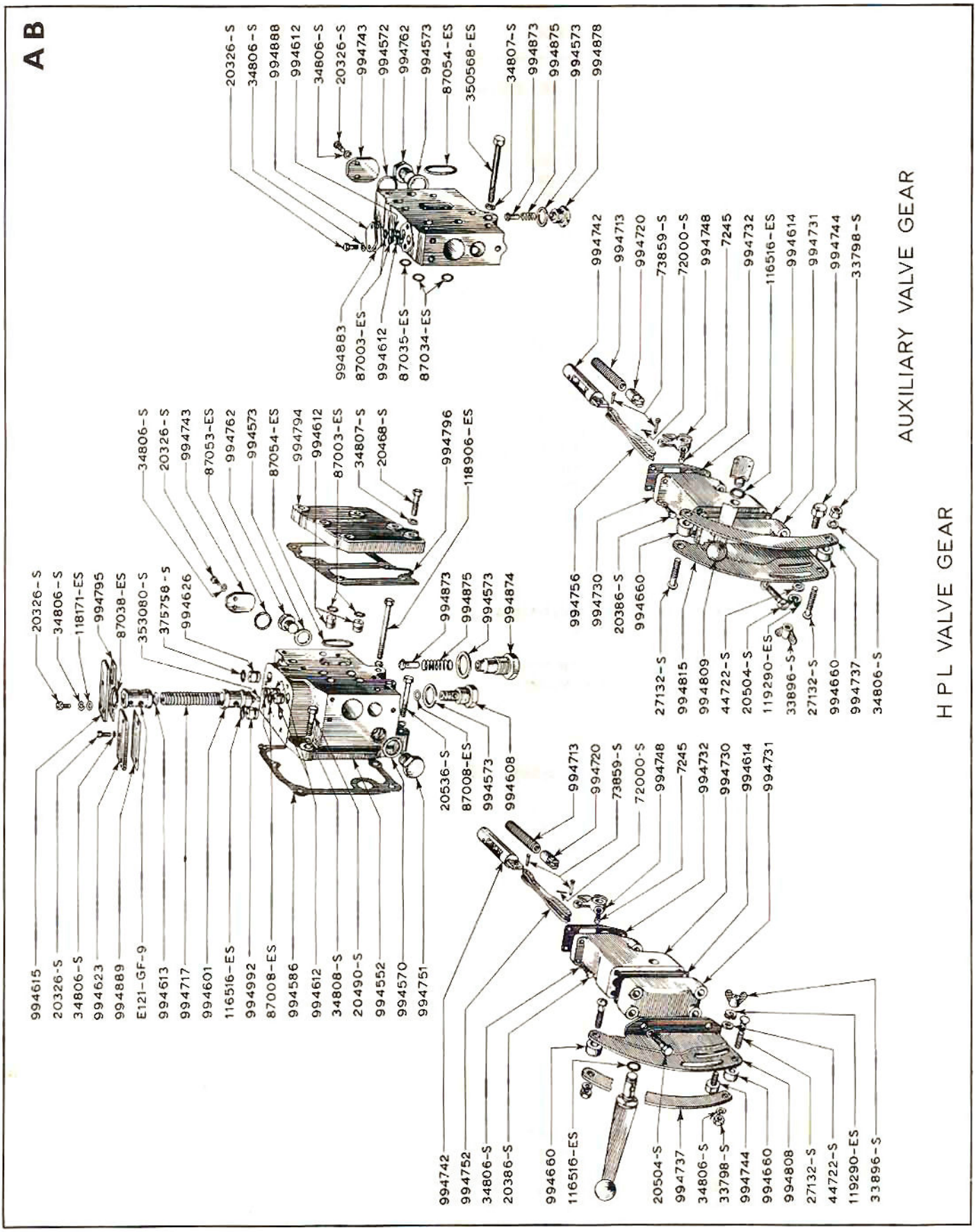
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		SEAT						
AA	†E1ADDN–400	Seat (driver's) assy.		52/	De Luxe	1	1	1
AA	E1ADDN–K400-A	Cover (driver's seat cushion)		11/60	Replaces E48–PH-9	1	1	–
	E1ADDN–K400-B	Cover (driver's seat cushion)		6/63/	With adjustable seat	1	1	–
	o**E1ADKN–400-A**	**Seat assy.**	5	**52/60/11**		**1**	**1**	**1**
AA	o957E –400-A	Seat (driver's) assy.		11/60/	Except De Luxe	1	1	–
AA	o957E –400-C	Seat (driver's) assy.		11/60/	Use with De Luxe seat	1	1	–
AA	†74097-S2	Clevis pin (seat to mounting bracket)		52/		2	2	2
AA	†72026-S7/8	Split pin		52/		2	2	2
AA	†44734-ES7/8	Washer		52/		2	2	2
	†E1ADKN-36120	Spring (seat) assy.		52/60/11	Except De Luxe	1	1	1
	†21062-S	Screw (spring to transmission housing)		52/60/11	Except De Luxe	2	2	2
	†44742-S8	Washer		52/60/11	Except De Luxe	2	2	2
	†34810-S2	Lockwasher		52/60/11	Except De Luxe	2	2	2
	†E27N-36150-A	Seat assy.		52/60/11	Except De Luxe	1	1	1
	†118951-ES	Bolt (seat to spring)		52/60/11	Except De Luxe	2	2	2
	†33845-S7/8	Nut		52/60/11	Except De Luxe	2	2	2
	†44736-S2	Washer		52/60/11	Except De Luxe	2	2	2
	†34809-ES	Lockwasher		52/60/11	Except De Luxe	2	2	2
	†E27N-36196-A	Clamp (seat spring)		52/60/11	Except De Luxe	1	1	1
	E1ADDN–A401	Rest (seat back) assy		52/64	Replaces E47–PH-9	1	1	–
	957E –K401	Seat (passenger)		6/63/	Germany only	1	1	–
	114230-ES	Nut		6/63/		4	4	–
	34809-ES	Washer		6/63/		4	4	–
	E34–PH-9	Seat & Support Bracket Assy		61/	De Luxe	1	1	–

o Use with H.P.L. † Except H.P.L.

SEAT — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AA	○957E —404	Spring (driver's) seat		11/60/	Except with De Luxe seat	1	1	–
	○E1ADDN—405-B	Installation (driver's seat)—De Luxe		52/60/11	Accessory	1	1	–
	○957E —405-C	Installation (driver's seat)—De Luxe		11/60/	Accessory	1	1	–
AA	○88393-S	Stud (H.P.L. cover to seat spring)		11/60/		2	2	–
AA	○34671-S34	Nut		11/60/		2	2	–
AA	○	Washer		11/60/		2	2	–
AA	○34808-S36	Lockwasher		11/60/		2	2	–
AA	E1ADDN—406-B	Cushion (seat) assy.		11/60/	Except with adj. seat	1	1	–
	E1ADDN-406-C	Cushion (drivers seat) Assy.		6/63/	With adjustable seat	1	1	–
	E1ADKN—406-B	Cushion (seat) assy.	2	52/60/11		1	1	1
	○E1-PH-9	Rod (seat support)		52/60/11		1	1	1
	72026-S7/8	Split pin (seat support rod)		52/		2	2	2
	44734-ES7/8	Washer		52/60/11		2	2	2
	○E3-PH-9	Rod (drivers seat locking)		52/60/11		1	1	1
	○E11-PH-9	Snap ring (seat locking rod)		52/60/11		2	2	2
	○E27-PH-9	Lever (drivers seat locking)		52/60/11		1	1	–
	○E18-PH-9	Spring (drivers seat locking lever)		52/60/11		1	1	1
AA	†E9-PH-9	Support (drivers seat mounting)		52/		1	1	1
	†20936-S2	Bolt (seat support to top cover)		52/		2	2	2
	†34810-S2	Lockwasher		52/		2	2	2
	E10-PH-9	Rest (seat back) assy.		52/60/11		1	1	1
AA	27084-S7/8	Screw (seat back rest to seat)		52/		2	2	2
	○E1ADDN—416-B	Bracket (seat mounting) assy.		52/60/11		1	1	–
	E28-PH-9	Pad (drivers seat mounting)		52/60/11		1	1	–
	○E1ADKN—416-A	Bracket (seat mounting) assy.		52/60/11	Except De Luxe	1	1	1
	117308-ES	Rivet (mounting pad to mounting brackets)		52/60/11		4	4	–
AA	†E1ADKN—416-C	Bracket (seat mounting) assy.		52/		1	1	1
	E15-PH-9	Link (seat locking) assy.		52/60/11		1	1	1
	○20410-S2	Screw (mounting bracket to rear cylinder)		52/60/11		4	4	4
AA	†20370-S7/8	Bolt (seat bracket to support bracket)		52/		4	4	4
AA	†34670-S4	Nut		52/		4	4	4
	34808-S36	Lockwasher		52/60/11		4	4	4
	44731-S	Washer		52/60/11		4	4	4
	E8-PH-9	Bumper (seat)	2	52/60/11		2	2	2
	20410-S2	Screw (mounting bracket ro ram cylinder)		52/		4	4	4
AA	34808-S36	Lockwasher		52/		4	4	4
AA	44731-S	Washer		52/		4	4	4
*	○E1ADDN—420	Installation (seat) Deluxe adjustable		6/63/	When requested	1	1	–
AA	C5NN—421-D	Plate Assy (Adjustable Set Base)		6/63		1	1	–
AA	○957E —426-B	Pin (driver's seat hinge)		11/60/		1	1	–
AA	○34420-ES2-B	Nut		11/60/		1	1	–
AA	○44726-S36	Washer		11/60/		1	1	–
AA	○957E —433	Catch (hold down driver's seat)		11/60/		1	1	–
AA	○61794-S	Rivet (catch to seat)		11/60/		2	2	–
AA	○957E —434	Bumper (driver's seat)		9/59/	Rubber	1	1	–
	E1ADKN—434	Buffer (seat)	2	52/60/11	Rubber	1	1	1
	20327-S7/8	Bolt (seat buffer to bracket)		52/60/11		2	2	2
	33798-S7	Nut		52/60/11		2	2	2
	34806-S36	Lockwasher		52/60/11		2	2	2
	†957E —436-B	Bracket (driver's seat hinge)		11/60/		1	1	–
	†115682-ES7/8	Bolt (bracket to spring)		11/60/	Except with De Luxe seat	2	2	–
	†115683-ES7/8	Bolt (bracket to spring)		11/60/	Except with De Luxe seat	2	2	–
	†33800-S7/8	Nut		11/60/	Except with De Luxe seat	4	4	–
	†34807-S7	Lockwasher		11/60/	Except with De Luxe seat	4	4	–
	○ 957E—442-B	Support (driver's seat) and bracket assy.		11/60/	Part of 957E-405-C	1	1	–
AA	C5NN—N452-A	Hinge & Bracket Assy (Drivers Seat)		6/63		1	1	–
AA	C5NN—N453-A	Shaft Assy (Drivers Seat Spring)		6/63		2	2	–
AA	C5NN—N454-A	Link Assy (Seat Adjuster & Spring)		6/63		1	1	–
AA	NDA—462-A	Adjuster Assy (Driver Seat Suspension)		6/63/64	United States	1	1	–
AA	C5NN—462-B	Adjuster Assy (Drivers Seat Suspension)		6/63	Except United States	1	1	–

○Use with H. P. L. †Except with H. P. L. *This Seat Installation does not include Pan, Back-rest or Cushion


A B
AUXILIARY VALVE GEAR
H P L VALVE GEAR
20326-S
34806-S
994888
994612
34806-S
20326-S
994743
994572
994762
994573
87054-ES
350568-ES
34807-S
994873
994875
994573
994878
994883
87003-ES
994612
87035-ES
87034-ES
994742
994713
994720
73859-S
72000-S
994748
7245
994732
994730
994614
994731
116516-ES
994614
994731
994744
33798-S
994756
994730
20386-S
994660
27132-S
994815
994809
44722-S
20504-S
119290-ES
33896-S
27132-S
994660
994737
34806-S
994615
20326-S
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34808-S
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34806-S
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87053-ES
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34807-S
20468-S
994796
118906-ES
994873
994875
994573
994874
20536-S
87008-ES
994573
994608
994742
994752
34806-S
20386-S
994660
116516-ES
20504-S
994737
34806-S
33798-S
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994660
994808
27132-S
44722-S
119290-ES
33896-S
994713
994720
73859-S
72000-S
994748
7245
994732
994730
994614
994731
20326-S
34806-S
118171-ES
994795
87038-ES
353080-S
375758-S
994626

HYDRAULIC POWER LIFT

VALVE GEAR
Used 52/60/11

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E42-WP-9	Kit (hydraulic single acting valve coupling)		52/60/11	Accessory	1	1	1
	E48-WP-9	Pipe (hydraulic single acting valve coupling) assy.		52/60/11	Part of E42-WP-9	1	1	1
	E49-WP-9	Bracket (hydraulic single acting valve coupling)		52/60/11	Part of E42-WP-9	1	1	1
	E50-WP-9	Adaptor (hydraulic single acting valve coupling)		52/60/11	Part of E42-WP-9	1	1	1
	E90-WP-9	Coupling (hydraulic self sealing) assy. – male half		52/60/11	Part of E42-WP-9	1	1	1
	E94-WP-9	Spring (hydraulic self sealing coupling valve)		52/60/11		1	1	1
	E95-WP-9	Spring (hydraulic self sealing coupling locking)		52/60/11	Part of E90-WP-9	1	1	1
	E96-WP-9	Sleeve (hydraulic self sealing coupling valve) assy.		52/60/11	Part of E90-WP-9	1	1	1
	87034-ES	Seal (hydraulic self sealing coupling valve)		52/60/11	Part of E90-WP-9	1	1	1
	E97-WP-9	Cap (hydraulic self sealing dust)		52/60/11	Part of E42-WP-9	1	1	1
	117690-ES	Nut (hydraulic self sealing coupling to bracket)		52/60/11	Part of E42-WP-9	1	1	1
	E1ADDN-994551-A	Valve gear (H.P.L.) assy.		52/60/11		1	1	–
AB	353080-S	Ball (H.P.L. valve gear)		8/58/60/11		1	1	–
AB	118906-ES	Screw (valve gear to ram cylinder housing)		52/60/11		2	2	2
AB	20490-S2	Screw (valve gear to ram cylinder housing)		52/60/11		2	2	2
AB	20536-S	Screw (valve gear to ram cylinder housing)		52/60/11		3	3	3
AB	34808-S7/8	Lockwasher		52/60/11		7	7	7
AB	E1ADDN-994552-A	Body (H.P.L. valve gear) and valve seat assy.		52/60/11		1	1	1
	‡E1ADKN-994559	Seat (H.P.L. valve gear check valve)		52/60/11		1	1	1
	E1ADKN–994561-B	Valve gear (H.P.L.) assy.		52/60/11	Auxiliary Service – Accessory	1	1	1
	350568-ES	Bolt (H.P.L. valve gear front cover)		52/60/11	Auxiliary Service	6	6	6
AB	E1ADKN-994570	Seal (H.P.L.valve gear oil passage) ⅜"B.S.P.–composite	3	52/60/11		1	1	1
AB	E1ADKN-994570	Seal (raised P.T.O.idler rear shaft)–⅜"B.S.P. composite	3	52/60/11	See "Power Take-off"	1	1	1
AB	‡87053-ES	Seal (H.P.L. valve gear oil passage)–1" I.D. rubber		52/60/11		1	1	1
AB	87053-ES	Seal (raised P.T.O. idler gear shaft)–1" I.D.–rubber		52/60/11	See "Power Take-off"	1	1	1
AB	E1ADKN-994573	Seal (H.P.L.valve gear oil passage)–½"B.S.P.–composite	15	52/60/11	5 req. with Auxiliary Service	3	3	3
AB	E1ADKN-994586	Gasket (H.P.L. valve gear to ram cylinder)	40	52/60/11		1	1	1
AB	E1ADKN-994601	Valve (H.P.L. valve gear unloading)	5	52/58/8		1	1	1
AB	87038-ES	Seal (H.P.L. valve gear oil passage)–$^{13}/_{16}$" I.D. rubber		52/60/11		1	1	1
AB	E1ADDN-994601	Valve (H.P.L. valve gear unloading)	3	8/58/60/11		1	1	–
AB	87008-ES	Seal (H.P.L.valve gear oil passage)–⅛"I.D.–rubber		52/60/11	7 req. with Auxiliary Service	5	5	5
AB	E1ADKN-994608	Seat (H.P.L. valve gear unloading valve)	5	52/60/11		1	1	1
AB	E1ADKN-994612	Retainer (H.P.L. valve gear oil passage seal)		52/60/11	6 req. with Auxiliary Service	4	4	4
AB	E1ADKN-994613-A	Shim (H.P.L. valve gear unloading valve spring)	20	52/58/8	.016" thick	As reqd.		
AB	E1ADKN-994613-B	Shim (H.P.L. valve gear unloading valve spring)	20	52/58/8	.028" thick	As reqd.		
AB	E1ADDN-994613-C	Shim (H.P.L. valve gear unloading valve spring)	15	8/58/60/11	.016" thick	ar	ar	–
AB	E1ADDN-994613-D	Shim (H.P.L. valve gear unloading valve spring)	15	8/58/	.028" thick	ar	ar	–
AB	‡E1ADKN-994614	Gasket (H.P.L. valve gear control lever housing cover)	5	52/60/11		1	1	1
AB	E1ADKN-994615	Cover (H.P.L. valve gear unloading valve)		52/60/11		1	1	1
AB	20326-S7/8	Screw (cover to body)		52/60/11		3	3	3
AB	118171-ES	Washer (Aluminium)		52/60/11		1	1	1
AB	34806-S7/8	Lockwasher		52/60/11		2	2	2
	E1ADKN-994616	Adjuster (H.P.L. valve gear unloading valve spring)		52/58/8		1	1	1
AB	E121-GF-9	Stop (H.P.L. valve gear relief valve)		8/58/60/11		1	1	–
AB	E1ADKN-994623	Cover (H.P.L. valve gear body) – top		52/60/11		1	1	1
AB	20326-S7/8	Screw (cover to body)		52/60/11		3	3	3
AB	34806-S7/8	Lockwasher		52/60/11		3	3	3
AB	116516-ES	Seal (H.P.L. valve gear oil passage)–$^{7}/_{16}$" I.D.–rubber		52/60/11	5 req. with Auxiliary Service	3	3	3
AB	E1ADKN-994626	Retainer (H.P.L. valve gear oil passage seal)		52/60/11		1	1	1
AB	‡E1ADKN-994660	Spacer (H.P.L. valve gear control lever quadrant)		52/60/11		2	2	2

‡ Double quantities used with Auxiliary Service

HYDRAULIC POWER LIFT—*continued*

VALVE GEAR—*continued*

Used 52/60/11

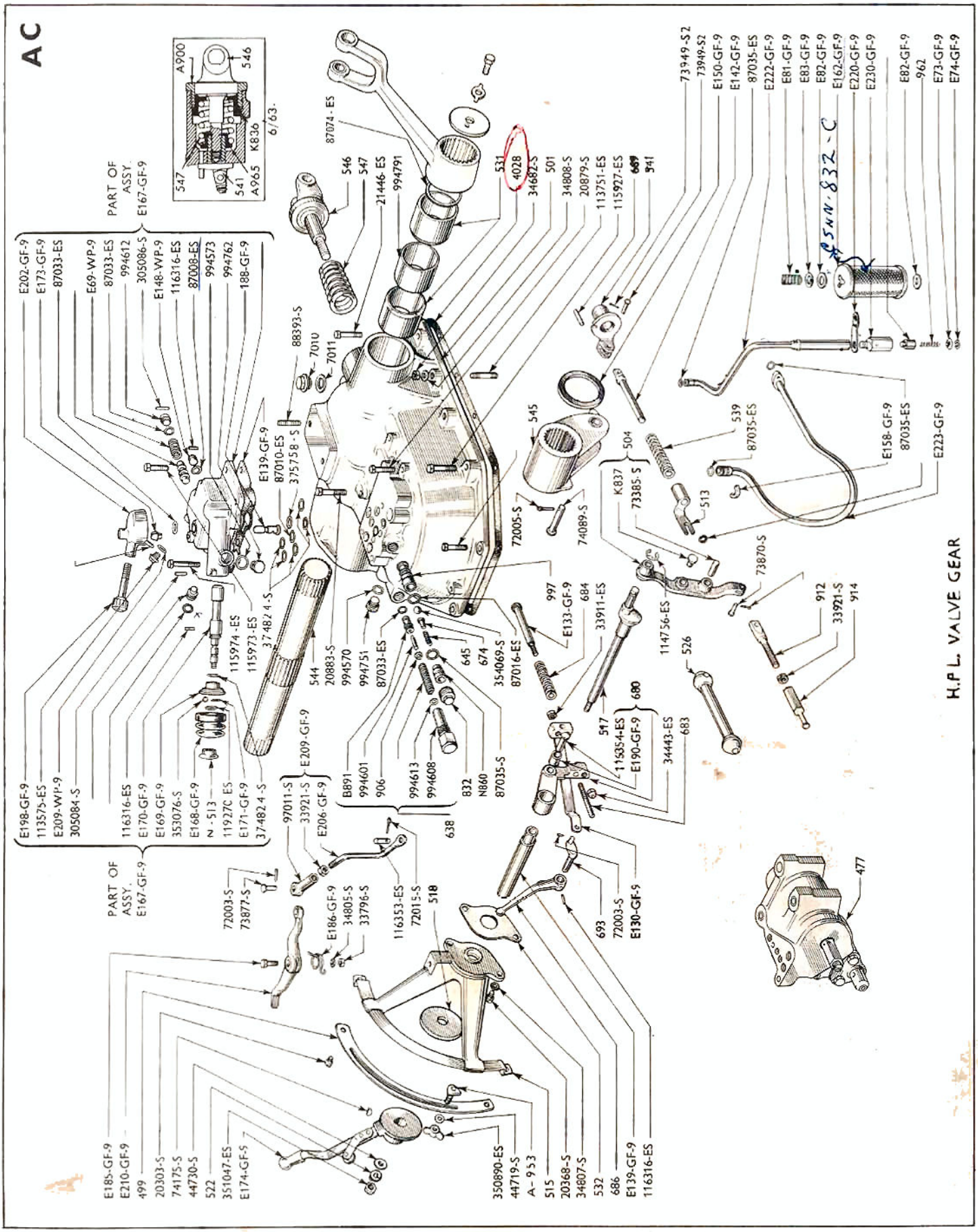
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AB	87035-ESB	Seal (H.P.L. valve gear oil passage)–⅜" I.D.–rubber		52/60/11	Auxiliary Service	1	1	1
AB	87034-ES	Seal (H.P.L. valve gear oil passage)–⅝" I.D.–rubber		52/60/11	Auxiliary Service	5	5	5
AB	87054-ES	Seal (H.P.L. valve gear oil passage)–1 1/16" I.D.–rubber		52/60/11	3 req. with Auxiliary Service	1	1	1
AB	‡ E1ADKN-994713	Spring (H.P.L. valve gear indent)		52/60/11		1	1	1
AB	E1ADKN-994717	Spring (H.P.L. valve gear unloading valve)	5	52/58/8		1	1	1
AB	E1ADDN-994717	Spring (H.P.L. valve gear unloading valve)	3	8/58/60/11		1	1	–
AB	‡ E1ADKN-994720	Housing (H.P.L. valve gear indent) and roller assy.		52/60/11		1	1	1
AB	‡ E1ADKN-994730	Housing (H.P.L. valve gear control lever)	2	52/60/11		1	1	1
AB	:20386-S7	Screw (housing to valve gear body)		52/60/11		3	3	3
AB	:34806-S36	Lockwasher		52/60/11		3	3	3
	:119785-ES	Expansion plug (control lever housing)		10/54/60/11		1	1	1
AB	‡ E1ADKN-994731-A	Cover (H.P.L. valve gear control lever housing)		52/60/11		1	1	1
	‡ 20504-S2	Screw (cover to housing)		52/60/11		4	4	4
	:34806-S36	Lockwasher		52/60/11		4	4	4
AB	‡ E1ADKN-994732	Gasket (H.P.L. valve gear control lever housing to body)	5	52/60/11		1	1	1
AB	‡ E1ADKN-994737	Guard (H.P.L. valve gear control lever quadrant)		52/60/11		1	1	1
AB	‡ E1ADKN-994742-A	Piston (H.P.L. valve gear) – standard		52/60/11	Red	As reqd.		
AB	‡ E1ADKN-994742-B	Piston (H.P.L. valve gear) – .0002" o/s		52/60/11	Yellow	As reqd.		
AB	‡ E1ADKN-994742-C	Piston (H.P.L. valve gear) – .0004" o/s		52/60/11	Blue	As reqd.		
AB	‡ E1ADKN-994742-D	Piston (H.P.L. valve gear) – .0006" o/s		52/60/11	Green	As reqd.		
AB	‡ E1ADKN-994742-E	Piston (H.P.L. valve gear) – .0008" o/s		52/60/11	White	As reqd.		
AB	‡ E1ADKN-994743	Cover (H.P.L. valve gear piston bore)		52/60/11		1	1	1
AB	‡ 20326-S7/8	Screw (cover to body)		52/60/11		2	2	2
AB	:34806-S36	Lockwasher		52/60/11		2	2	2
AB	‡ E1ADKN-994744	Stop (H.P.L. valve gear control lever adjustable)		52/60/11		1	1	1
AB	‡ 33896-S	Wing nut		52/60/11		1	1	1
AB	‡ 44722-S7	Washer		52/60/11		1	1	1
AB	‡ 119290-ES2	Lockwasher		52/60/11		1	1	1
AB	‡ E1ADKN-994748	Lever (H.P.L. valve gear)		52/60/11		1	1	1
AB	‡ BB-7245	Screw (lever to control lever shaft)	2	52/60/11		1	1	1
AB	E1ADKN-994751	Plug (H.P.L. valve gear oil passage) – ⅛" B.S.P.		52/60/11		1	1	1
AB	E1ADKN-994752	Link (H.P.L. valve gear piston)		52/60/11		1	1	1
AB	E1ADKN-994756	Link (H.P.L. valve gear piston)		52/60/11	Auxiliary Service	1	1	1
AB	‡ 73859-S	Clevis pin (piston link)		52/60/11		2	2	2
AB	‡ 72000-S	Split pin		52/60/11		2	2	2
AB	:957E–994762	Plug (H. P. L. valve gear oil passage) – ½" B. S. P.	2	52/60/11		1	1	1
AB	E1ADKN-994794	Cover (H.P.L. valve gear) – front		52/60/11		1	1	1
AB	20468-S7	Screw (cover to body)		52/60/11	Single Service	6	6	6
AB	350568-ES	Screw (cover to body)		52/60/11	Auxiliary Service	6	6	6
AB	34807-S36	Lockwasher		52/60/11		6	6	6
AB	E1ADKN-994795	Gasket (H.P.L. unloading valve cover)	5	52/60/11		1	1	1
AB	E1AKDN-994796	Gasket (H.P.L. valve gear front cover)	15	52/60/11		1	1	1
AB	E1ADKN-994808	Quadrant (H.P.L. valve gear control lever)		52/60/11		1	1	1
AB	27132-S	Screw (quadrant to spacer to guard)		52/60/11		2	2	2
AB	33798-S7/8	Nut		52/60/11		2	2	2
AB	34806-S36	Lockwasher		52/60/11		2	2	2
AB	‡ E1ADKN-994809-B	Lever (H.P.L. valve gear control) and shaft assy.		52/60/11		1	1	1
AB	E1ADKN-994815	Quadrant (H.P.L. valve gear control lever)		52/60/11	Auxiliary Service	1	1	1
AB	27132-S	Screw (quadrant to spacer to guard)		52/60/11		2	2	2
AB	33798-S7/8	Nut		52/60/11		2	2	2
AB	34806-S36	Lockwasher		52/60/11		2	2	2

‡ Double quantities used with Auxiliary Service

HYDRAULIC POWER LIFT—*continued*

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
			VALVE GEAR—*continued* *Used 52/60/11*						
AB		375758-S	Seal (H. P. L. valve gear oil passage) – .49" I. D.		52/60/11	.....	1	1	1
AB		‡E1ADKN-994873	**Valve (H.P.L. valve gear check)**	5	**52/60/11**	.....	**1**	**1**	**1**
AB		E1ADKN-994874	**Guide (H.P.L. valve gear check valve)**		**52/60/11**	.....	**1**	**1**	**1**
AB		‡E1ADKN-994875	**Spring (H.P.L. valve gear check valve)**	3	**52/60/11**	.....	**1**	**1**	**1**
AB		E1ADKN-994878	**Guide (H.P.L. valve gear check valve)**		**52/60/11**	**Auxiliary Service**	**1**	**1**	**1**
AB		E1ADKN-994883	**Gasket (H.P.L. valve gear top cover)**		**52/60/11**	**Auxiliary Service**	**1**	**1**	**1**
AB		E1ADKN-994888	**Cover (H.P.L. valve gear) – top**		**52/60/11**	**Auxiliary Service**	**1**	**1**	**1**
AB		20326-S7/8	**Screw (cover to body)**		**52/60/11**	.....	**2**	**2**	**2**
AB		34806-S36	Lockwasher.....		52/60/11	.....	2	2	2
AB		E1ADKN-994889	**Gasket (H.P.L. valve gear top cover)**	3	**52/60/11**	.....	**1**	**1**	**1**
		E1ADKN-994992-B	**Retainer (H.P.L. valve gear oil passage seal)**		**52/60/11**	.....	**1**	**1**	**1**
			VALVE GEAR *Used from 11/60*						
AL		C7NN-440-A	Bush (H. P. L. unload valve)–front		11/60/	1.0002/1.0004" White	1	1	–
AL		C7NN-440-B	Bush (H. P. L. unload valve)–front.....		11/60/	1.0004/1.0006" Blue.....	1	1	–
AL		C7NN-440-C	Bush (H. P. L. unload valve)–front.....		11/60/	1.0006/1.0008" Yellow	1	1	–
AL		957E –440-D	**Bush (H.P.L. unload valve)–front**		**11/60/**	**1.0008/1.0010" Gren**	**1**	**1**	**–**
AL		957E –440-E	**Bush (H.P.L. unload valve)–front**		**11/60/**	**1.0010/1.0012" Orange**	**1**	**1**	**–**
AL		957E –440-F	**Bush (H.P.L. unload valve)–front**		**11/60/**	**1.0000/1.0002" Blue/White**	**1**	**1**	**–**
AL		957E –440-G	**Bush (H.P.L. unload valve)–front**		**11/60/**	**1.0012/1.0014" Green/ White**	**1**	**1**	**–**
AL		957E –440-H	**Bush (H.P.L. unload valve)–front**		**11/60/**	**1.0014/1.0016" Red/White**	**1**	**1**	**–**
		957E –442-B	**Support (driver's seat) and bracket assy.**		**11/61/**	**Part of 957E-405-C**	**1**	**1**	**–**
		E1ADDN-477-A	Cylinder (H. P. L.) and valve assy		11/60/63/6	Repl. by E1ADDN-477-B ...	1	1	–
AC		E1ADDN-477-B	Cylinder (H. P. L.) and valve assy		6/63/	Repl. E1ADDN-477-A &			
AC	R	E1ADDN-477-B	Cylinder (H. P. L.) and valve assy		6/63/	Replaces E1ADDN-477-A & E1ADDN-510-B	1	1	–
		87002-ES	**Seal (H.P.L.lowering restrictor)**		**6/63/**	.....	**1**	**1**	**–**
AL		E1ADDN-481-A	Bush (H. P. L. unload valve).....		11/60/	1.0000/1.0002" Blue/White	1	1	–
AL	S	C7NN-481-D	Bush (H. P. L. unload valve) Repl. E1ADDN-481-B		11/60/	1.0002/1.0004" White	1	1	–
AL		E1ADDN-481-C	Bush (H. P. L. unload valve).....		11/60/	1.0004/1.0006" Blue	1	1	–
AL		E1ADDN-481-D	Bush (H. P. L. unload valve).....		11/60/	1.0006/1.0008" Yellow	1	1	–
AL		E1ADDN-481-E	Bush (H. P. L. unload valve).....		11/60/	1.0008/1.0010" Green	1	1	–
AL		E1ADDN-481-F	Bush (H. P. L. unload valve).....		11/60/	1.0010/1.0012" Orange	1	1	–
AL	S	C7NN-481-J	Bush (H. P. L. unload valve).....		11/60/	1.0012/1.0014" Green/ White	1	1	–
AL		E1ADDN–481-H	**Bush (H.P.L. unload valve)**		**11/60/**	**1.0014/1.0016" Red/White**	**1**	**1**	**–**
AL		957E –482-A	**Bush (H.P.L. unload valve)–rear**		**11/60/**	**1.0002/1.0004" White**	**1**	**1**	**–**
AL		957E –482-B	**Bush (H.P.L. unload valve)–rear**		**11/60/**	**1.0004/1.0006" Blue**	**1**	**1**	**–**
AL		957E –482-C	**Bush (H.P.L. unload valve)–rear**		**11/60/**	**1.0006/1.0008" Yellow**	**1**	**1**	**–**
		957E –482-D	**Bush (H.P.L. unload valve) – rear**		**11/60/**	**1.0008/1.0010" Green**	**1**	**1**	**–**
AL		957E –482-E	**Bush (H.P.L. unload valve)–rear**		**11/60/**	**1.0010/1.0012" Orange**	**1**	**1**	**–**
AL		957E –482-F	**Bush (H.P.L. unload valve)–rear**		**11/60/**	**1.0000/1.0002" Blue/White**	**1**	**1**	**–**
AL		957E –482-G	**Bush (H.P.L. unload valve)–rear**		**11/60/**	**1.0012/1.0014" Green/ White**	**1**	**1**	**–**
AL		957E –482-H	**Bush (H.P.L. unload valve)–rear**		**11/60/**	**1.0014/1.0016" Red/White**	**1**	**1**	**–**
AL		E1ADDN–488-L	**Valve (H.P.L. control) and sleeve assy.**		**11/60/**	**.5917/.5919" White**	**1**	**1**	**–**
AL		E1ADDN–488-M	**Valve (H.P.L. control) and sleeve assy.**		**11/60/**	**.5919/.5921" Blue**	**1**	**1**	**–**
AL		E1ADDN–488-N	**Valve (H.P.L. control) and sleeve assy.**		**11/60/**	**.5921/.5923" Yellow**	**1**	**1**	**–**
AL		E1ADDN–488-P	**Valve (H.P.L. control) and sleeve assy.**		**11/60/**	**.5925/.5926" Green**	**1**	**1**	**–**
AL		E1ADDN–488-R	**Valve (H.P.L. control) and sleeve assy.**		**11/60/**	**.5927/.5928" Orange**	**1**	**1**	**–**

‡ **Double quantities used with Auxiliary Service**


AC
H.P.L. VALVE GEAR
PART OF ASSY. E167-GF-9
PART OF ASSY. E167-GF-9
E202-GF-9
E173-GF-9
87033-ES
E69-WP-9
87033-ES
994612
305086-S
E148-WP-9
116316-ES
87008-ES
994573
994762
188-GF-9
E198-GF-9
113575-ES
E209-WP-9
305084-S
116316-ES
E170-GF-9
E169-GF-9
353076-S
E168-GF-9
N-513
11927C ES
E171-GF-9
374824-S
E139-GF-9
87010-ES
375758-S
88393-S
7010
7011
115974-ES
115973-ES
374824-S
E209-GF-9
97011-S
33921-S
E206-GF-9
B891
994601
906
994613
994608
638
832
N860
87035-S
544
20883-S
994570
994751
87033-ES
645
674
354069-S
87016-ES
997
E133-GF-9
684
33911-ES
680
E190-GF-9
11354-ES
547
34443-ES
683
114756-ES
526
912
33921-S
914
73870-S
513
K837
504
73385-S
539
87035-ES
545
72005-S
74089-S
E158-GF-9
87035-ES
E223-GF-9
73949-S2
7394-S2
E150-GF-9
E142-GF-9
87035-ES
E222-GF-9
E81-GF-9
E83-GF-9
E82-GF-9
E162-GF-9
E220-GF-9
E230-GF-9
E82-GF-9
962
E73-GF-9
E74-GF-9
87074-ES
546
547
21446-ES
994791
531
4028
34682-S
501
34808-S
20879-S
113751-ES
115927-ES
669
341
A900
546
547
541
A965
K836
6/63.
SNV 832-C
E185-GF-9
E210-GF-9
499
20303-S
74175-S
44730-S
522
351047-ES
E174-GF-9
350890-ES
44719-S
A-953
515
20368-S
34807-S
532
686
E139-GF-9
116316-ES
72003-S
73877-S
E186-GF-9
34805-S
33796-S
116353-ES
72015-S
518
693
72003-S
E130-GF-9
477

HYDRAULIC POWER LIFT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	VALVE GEAR —*continued*							
	Used 11/60/							
AL	20348-S2	Bolt (retainer plate to cylinder)—front		11/60/		2	2	–
AC	E1ADDN-914	Turnbuckle (H.P.L. control valve)		11/60/		1	1	–
AC	33921-S7/8	Locknut		11/60/		1	1	–
AC	E1ADDN-912	Link (H.P.L. control valve)		11/60/		1	1	–
AL	E1ADDN-921	Plate (H.P.L. control valve retaining)		11/60/		1	1	–
AL	20348-S2	Bolt (retaining plate to cylinder)—rear		11/60/		2	2	–
AC	957E –499-B	Retainer (H.P.L. control lever)		11/60/		1	1	–
AC	20303-S7/8	Bolt (retainer to quadrant)		11/60/		2	2	–
AC	20368-S7/8	Bolt (retainer to control lever quadrant)		11/60/		2	2	–
AC	34807-S36	Lockwasher (retainer bolt to control lever quadrant)		11/60/		2	2	–
	E1ADDN–501-A	Housing (H.P.L. ram cylinder cross shaft)		11/60/63/6		1	1	–
AC	E1ADDN–501-B	Housing (H.P.L. ram cylinder cross shaft)		6/63/		1	1	–
	E1ADDN-4028	Gasket (H.P.L. ram cylinder to rear trans. housing)	25	11/60/		1	1	–
	E1ADKN-7055	Dowel (H.P.L. housing to rear trans. housing)		11/60/		2	2	–
AC	21446-ES7/8	Bolt (housing to rear trans. housing)		11/60/		3	3	–
AC	21459-ES7/8	Bolt (housing to rear trans. housing)		11/60/		2	2	–
AC	115927-ES7/8	Bolt (housing to rear trans. housing)		11/60/		5	5	–
AC	113751-ES	Stud (housing to rear trans. housing)		11/60/		2	2	–
AC	34682-S2	Nut (housing to rear trans. housing)		11/60/		2	2	–
AC	34808-S36	Lockwasher		11/60/		12	12	–
AC	957E-7010	Plug (H.P.L. cover)		11/60/		1	1	–
AC	E27N-7011-B	Gasket (H.P.L. filler plug)		11/60/		1	1	–
AC	87035-ESB	Seal (H.P.L. check valve spring housing)		11/60/		1	1	–
AC	119810-ES	Ball (H.P.L. check valve)		11/60/		1	1	–
AC	957E-645	Spring (H.P.L. check valve)		11/60/		1	1	–
AC	957E-674	Guide (H.P.L. check valve spring)		11/60/		1	1	–
AC	957E-832	Plug (H.P.L. check valve)		11/60/		1	1	–
A	C5NN–N832-C	Element - (H. P. L. return pipe)		11/60/	Replaces E162-GF-9	1	1	–
	*C5NN–N860-A	Housing (H. P. L. check valve spring)		11/60/		1	1	–
	*C3NN–997-A	Seat (H. P. L. check valve)		11/60/	Replaces C5NN-997-A	1	1	–
AC	E1ADKN-994751	Plug (H.P.L. valve gear oil passage)		11/60/		1	1	–
AC	E1ADKN-994570	Seal (H.P.L. valve gear oil passage plug)		11/60/		1	1	–
	E154-GF-9	Pipe (H.P.L. return) assy.		11/60/61/12		1	1	–
AC	E222-GF-9	Pipe (H.P.L. return) assy.		12/61/		1	1	–
AC	E220-GF-9	Bracket (return pipe support)		12/61/		1	1	–
AC	87035-ESB	Seal (H.P.L. return pipe to top cover)		11/60/		1	1	–
AC	E81-GF-9	Spring (H.P.L. return pipe)		11/60/		1	1	–
AC	E82-GF-9	Seal (H.P.L. return pipe)		11/60/		2	2	–
AC	E83-GF-9	Washer (H.P.L. return pipe seal)		11/60/		1	1	–
AC	E230-GF-9	Body (H.P.L. back pressure valve)		11/60/		1	1	–
AC	957E-982	Valve (H.P.L. back pressure)		11/60/		1	1	–
AC	957E-962	Spring (H.P.L. back pressure valve)		11/60/		1	1	–
AC	E73-GF-9	Plate (H.P.L. back pressure valve)		11/60/		1	1	–
AC	97609-S2	Retainer (H. P. L. back pressure valve)		11/60/	Repl. E74-GF-9	1	1	–
	E213-GF-9	Pipe (H.P.L. feed) and bracket assy.		11/60/61/12		1	1	–
AC	E223-GF-9	Pipe (H.P.L. feed) assy.		12/61/		1	1	–
AC	E158-GF-9	Retainer (H.P.L. feed pipe adaptor)		11/60/		2	2	–
	20485-S	Bolt (H.P.L. return pipe support)		11/60/61/12		1	1	–
	34441-ES7/8-A	Nut		11/60/61/12		1	1	–
	87010-S94	Seal (H. P. L. feed pipe adaptor)		11/60/	Replaces 87010-ESB	1	1	–
AC	87035-ESB	Seal (H.P.L. feed pipe to pump bracket)		11/60/		1	1	–
	20426-S2	Bolt (H.P.L. feed pipe to pump bracket)		11/60/		2	2	–
	34806-S36	Lockwasher		11/60/		2	2	–
	87074-ES	"O" Ring (lifting arms to H. P. L. Housing)		62/		2	2	–

* When replacing 957E-997 or E30-GF-9 parts C5NN-N860-A and C3NN-997-A must be used together.

HYDRAULIC POWER LIFT — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		VALVE GEAR — *continued* *Used 11/60/*						
	E1ADDN–504-A	**Lever (H.P.L. valve control) assy.**		11/60/63/6		1	1	–
AC	DDN–K837	Pin (H. P. L. valve control lever)		11/60/63/6		1	1	–
AC	E1ADDN–504-B	**Lever (H.P.L. valve control)assy.**		6/63/		1	1	–
AC	E1ADDN-K837	**Pin (H.P.L. lift control valve lever)**		6/63/	Part of E1ADDN-504-B	1	1	–
AC	73385-S18	Pin (H. P. L. valve control lever)		11/60/63/6	Part of E1ADDN-504-A	1	1	–
AC	73870-S	**Clevis pin (H.P.L. valve control lever to turn-buckle)**		11/60/		1	1	–
AC	72003-S	**Split pin**		11/60/		1	1	–
	E1ADDN–477-B	Cylinder (H. P. L.)		6/63/	Repl. E1ADDN-510-B	1	1	–
AL	87010-ESB	**Seal (H.P.L. cylinder to lift cover)**		11/60/		1	1	–
AL	87008-ES	**Seal (H.P.L. cylinder to lift cover)**		11/60/		1	1	–
AL	87006-ES	**Seal (H.P.L. cylinder to lift cover)**		11/60/		2	2	–
AC	20879-S8	**Bolt (H.P.L. cylinder to lift cover)**		11/60/		2	2	–
AC	20883-S8	**Bolt (H.P.L. cylinder to lift cover)**		11/60/		1	1	–
	115917-ES7/8	**Bolt (H.P.L. cylinder to lift cover)**		11/60/		1	1	–
AC	E1ADDN–513	**Fork (H.P.L. qualitrol rod)**		11/60/		1	1	–
AC	C5NH–N513-A	Knob - (H. P. L. Remote Control Valve)		11/57/	Repl. 957E-N513-A	1	1	–
AC	E142-GF-9	**Rod (H.P.L. qualitrol)**		11/60/		1	1	–
AC	E141-GF-9	**Ring (H.P.L. qualitrol rod) – snap**		11/60/		1	1	–
AC	E1ADDN–515-B	**Quadrant (H.P.L. control lever)**		11/60/		1	1	–
	957E–N515-A	Decal (H. P. L. Quadrant)		4/64	Domestic Only (W/H. P. L.) When requested	1	1	–
	E1ADDN–N516-A	Decal (Pre-Set Linkage)		4/64	Domestic Only (W/H. P. L.) When requested	1	1	–
	E1ADDN–517-A	**Shaft (H.P.L. control lever)**		11/60/63/6		1	1	–
AC	E1ADDN–517-B	**Shaft (H.P.L. control lever)**		6/63/		1	1	–
AC	44730-S2	**Washer (H.P.L. control lever shaft)**		11/60/		1	1	–
AC	74175-S	**Key (H.P.L. control lever shaft)**		11/60/		1	1	–
AC	E139-GF-9	**Spacer (H.P.L. control lever shaft)**		11/60/		1	1	–
AC	114756-ES	**Ring (H.P.L. control lever) – snap**		11/60/		1	1	–
AC	351047-ES8	**Nut (H.P.L. control lever to shaft)**		11/60/		1	1	–
AC	E9N–518	Disc (H. P. L. control lever friction)		11/60/	U. K. only	1	1	–
	C5NN–518-B	Disc (H. P. L. control friction)		11/60/	U. S. Only	1	1	–
AC	C7NN–A953-C	Stop (H. P. L. control lever)		11/60/	Repl. 957E-521-A	1	1	–
AC	350890-ES8	**Wing-nut (control lever stop)**		11/60/		1	1	–
AC	E1ADDN–522-B	**Washer (H.P.L. control friction pad)**		1/62/		1	1	–
	957E –522	**Lockwasher (H.P.L. control friction pad)**		11/60/62/1		1	1	–
AC	E1ADDN-532	**Gasket (H.P.L. quadrant to cover)**		11/60/		1	1	–
AC	E1ADDN-539	**Spring (H.P.L. qualitrol over-ride)**		11/60/		1	1	–
AC	44719-S8	**Washer**		11/60/		1	1	–
AC	E167-GF-9	**Valve (H.P.L. remote control) assy.**		11/60/		1	1	–
AC	E189-GF-9	**Gasket (H.P.L. valve to cover)**		11/60/		1	1	–
AC	374824-S	Seal (H. P. L. remote control valve to cover)		11/60/		5	5	–
AC	87010-S94	Seal (H. P. L. remote control valve to cover)		11/60/		1	1	–
AC	375758-S8	Seal (H. P. L. remote control valve to cover)		11/60/		1	1	–
AC	E168-GF-9	**Cover (H.P.L. remote control valve)**		11/60/		1	1	–
AC	E169-GF-9	**Cap (H.P.L. remote control valve)**		11/60/		1	1	–
AC	E188-GF-9	**Restrictor (H.P.L. remote control valve)**		11/60/		1	1	–
AC	87033-ES	**Seal (H.P.L. remote control valve restrictor)**		11/60/		1	1	–
AC	E198-GF-9	**Spindle (restrictor control) and knob assy.**		11/60/		1	1	–
AC	E202-GF-9	**Lever (H.P.L. flow control valve restrictor)**		11/60/		1	1	–
	114755-ES	**Clip (restrictor control spindle)**		11/60/		1	1	–
AC	* E170-GF-9	**Spool (H.P.L. remote control valve)**		11/60/	.7482/.7485" Green	1	1	–
AC	* E170-GF-9	**Spool (H.P.L. remote control valve)**		11/60/	.7485/.7488" White	1	1	–
AC	* E170-GF-9	**Spool (H.P.L. remote control valve)**		11/60/	.7488/.7491" Blue	1	1	–
AC	* E170-GF-9	**Spool (H.P.L. remote control valve)**		11/60/	.7491/.7494" Yellow	1	1	–
AC	* E170-GF-9	**Spool (H.P.L. remote control valve)**		11/60/	.7494/.7497" Orange	1	1	–

* With 374824-S replaces previous type spool.

HYDRAULIC POWER LIFT—*continued*

VALVE GEAR — *continued*
Used 11/60/

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	P	D	V	Qty. Req.
		#87034-ES	Seal (H. P. L. Spool)		11/60/62/7		1	1	–	
		#87034-ES	Seal (H. P. L. Spool)		12/62/		1	1	–	
		87016-ES	Seal (H.P.L. spool)		7/62/62/12		1	1	–	
AC	R	E231-GF-9	Knob (H. P. L. Remote Control Valve)		11/60	Replaced by 957E-N513-A	1	1	–	
AC		119270-ES	Washer (H.P.L. remote control valve spool)		11/60/		1	1	–	
AC		353076-S	Ball (H.P.L. remote control valve spool)		11/60/		1	1	–	
AC		E171-GF-9	Spring (H.P.L. remote control valve)		11/60/		1	1	–	
AC		E172-GF-9	Plunger (H.P.L. remote control valve)		11/60/	.6670/.6672" Red	1	1	–	
AC		E172-GF-9	Plunger (H.P.L. remote control valve)		11/60/	.6672/.6674" Yellow	1	1	–	
AC		E172-GF-9	Plunger (H.P.L. remote control valve)		11/60/	.6674/.6676" Blue	1	1	–	
AC		E172-GF-9	Plunger (H.P.L. remote control valve)		11/60/	.6676/.6678" Green	1	1	–	
AC		E172-GF-9	Plunger (H.P.L. remote control valve)		11/60/	.6678/.6680" White	1	1	–	
AC		E69-WP-9	Spring (H.P.L. remote control plunger)		11/60/		1	1	–	
AC		E1ADDN-994612	Retainer (H.P.L. remote control oil passage)		11/60/		1	1	–	
AC		87033-ES	Seal (H.P.L. remote control valve retainer)		11/60/		1	1	–	
AC		305086-S	Pin (H.P.L. oil passage retainer)		11/60/		1	1	–	
AC		E173-GF-9	Stop (H.P.L. remote control restrictor)		11/60/		1	1	–	
AC		87008-ES	Seal (H.P.L. remote control oil passage retaining)		11/60/		5	5	–	
AC		116316-ES	Pin (H.P.L. remote control oil passage retaining)		11/60/		4	4	–	
AC		E148-WP-9	Plug (H.P.L. remote control oil passage)		11/60/		3	3	–	
AC		E209-WP-9	Seal (H.P.L. oil passage plug)		11/60/		1	1	–	
AC		113575-ES	Screw (H.P.L. oil passage plug)		11/60/		1	1	–	
AC		305084-S	Pin (H.P.L. remote control cap retaining)		11/60/		1	1	–	
AC		E210-GF-9	Lever (H.P.L. flow control valve restrictor crank)		11/60/		1	1	–	
AC		E185-GF-9	Pivot (H.P.L. flow control valve crank lever)		11/60/		1	1	–	
AC		33796-S7/8	Nut		11/60/		1	1	–	
AC		34805-S7/8	Lockwasher		11/60/		1	1	–	
AC		957E-994762	Plug (H.P.L. remote control housing)		11/60/		1	1	–	
AC		E1ADKN-994573	Seal (H.P.L. remote control housing plug)		11/60/		1	1	–	
		E684-T-9	Kit (hydraulic single acting valve coupling)		11/60/		1	1	–	
		E673-T-9	Pipe (hydraulic single acting valve coupling) assy.		11/60/		1	1	–	
		E724-T-9	Bolt (hydraulic single acting valve)		11/60/		1	1	–	
		E1ADKN-994573	Seal (hydraulic single acting valve)		11/60/		2	2	–	
		E675-T-9	Bracket (hydraulic single acting valve coupling)		11/60/		1	1	–	
		E90-WP-9	Coupling (hydraulic self sealing) – assy. male half		11/60/		1	1	–	
		E94-WP-9	Spring (hydraulic self sealing coupling valve)		11/60/		1	1	–	
		E95-WP-9	Spring (hydraulic self sealing coupling locking)		11/60/	Part of E90-WP-9	1	1	–	
		E96-WP-9	Sleeve (hydraulic self sealing coupling valve) assy.		11/60/	Part of E90-WP-9	1	1	–	
		87034-ESB	Seal (hydraulic self sealing coupling valve)		11/60/	Part of E90-WP-9	1	1	–	
		E97-WP-9	Cap (hydraulic self sealing dust)		11/60/		1	1	–	
		117690-ES	Nut (hydraulic self sealing coupling to bracket)		11/60/		1	1	–	
AC		87010-ES	Seal (H.P.L. remote control housing to lift cover)		11/60/		3	3	–	
AC		87034-ESB	Seal (H.P.L. remote control housing to lift cover)		11/60/		5	5	–	
AC		87012-ES	Seal (H.P.L. remote control housing to lift cover)		11/60/		1	1	–	
AC		115973-ES7/8	Bolt (H.P.L. housing to lift cover)		11/60/		1	1	–	
AC		115974-ES7/8	Bolt (H.P.L. housing to lift cover)		11/60/		1	1	–	
		20883-S8	Bolt (H.P.L. housing to lift cover)		11/60/		1	1	–	
		45520-S8	Bolt (H.P.L. housing to lift cover)		11/60/		1	1	–	
		21442-ESB	Bolt (H.P.L. housing to lift cover)		11/60/		2	2	–	

#With E170-GF-9 replaces previous type spool

HYDRAULIC POWER LIFT—*continued*

VALVE GEAR —*continued*
Used 11/60/

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AC	E186-GF-9	Spring (crank lever return)		11/60/		1	1	–
AC	E209-GF-9	Rod (H.P.L. flow control valve restrictor connecting) assy.		11/60/		1	1	–
AC	E206-GF-9	Rod (H.P.L. flow control valve restrictor connecting)		11/60/		1	1	–
AC	97011-S2	Clevis		11/60/		1	1	–
	33796-S7/8	Nut		11/60/63/5		1	1	–
AC	33921-S2	Nut		5/63/		1	1	–
AC	116353-ES7/8	Pin (H.P.L. control rod to restrictor lever)		11/60/		1	1	–
AC	72015-S7/8	Split pin		11/60/		1	1	–
AC	73877-S7/8	Clevis pin (H.P.L. flow valve restrictor rod to lever)		11/60/		1	1	–
AC	72003-S	Split pin		11/60/		1	1	–
AC	E174-GF-9	Lever (H.P.L. flow control valve restrictor) and friction plate assy.		11/60/		1	1	–
AC	E1ADDN–526	Rod (H.P.L. piston connecting)		11/60/		1	1	–
AC	74089-S	Clevis pin (H.P.L. piston rod to ram cylinder arm)		11/60/		1	1	–
AC	72005-S	Split pin		11/60/		1	1	–
AL	E1ADDN–530	Piston (H.P.L. ram cylinder)		11/60/		1	1	–
AL	E1ADDN-994693	Gland (H.P.L. ram cylinder piston)		11/60/		1	1	–
AC	E1ADDN–531	Bush (H.P.L. cross shaft bearing)		11/60/		4	4	–
AC	E1ADDN-994791	Spacer (H.P.L. cross shaft bearing)		11/60/		2	2	–
AC	E1ADDN–532	Gasket (H.P.L. quadrant to cover)		11/60/		1	1	–
	E1ADDN–535-B	Rocker (H.P.L. linkage)		11/60/63/6		1	1	–
AG	EIADDN–535-C	Rocker (H.P.L. linkage)		6/63/		1	1	–
	113416-ES7/8	Washer (H.P.L. rocker to yoke clevis pin)		6/63/		1	1	–
AC	E1ADDN–539	Spring (H.P.L. fork retraction)		11/60/		1	1	–
	E1ADDN–541-A	Plunger (H.P.L. qualitrol)		11/60/63/6		1	1	–
AC	EIADDN–541-B	Plunger (H.P.L. qualitrol)		6/63/		1	1	–
AC	73949-S2	Clevis pin (H. P. L. rod to plunger)		11/60/		1	1	–
AC	72010-S	Split pin		11/60/		1	1	–
AC	E1ADDN–544	Shaft (H.P.L. ram cylinder cross)		11/60/		1	1	–
	87074-ES	Seal (H.P.L. crosshaft)		10/62/		2	2	–
	E1ADDN–545-A	Arm (H.P.L. ram cylinder)		11/60/63/6		1	1	–
AC	E1ADDN–545-B	Arm (H.P.L. ram cylinder)		6/63/		1	1	–
AC	E150-GF-9	Washer (H.P.L. arm thrust)		11/60/		1	1	–
	E1ADDN–546-A	Yoke (H.P.L. control spring)		11/60/63/6		1	1	–
AC	E1ADDN–546-B	Yoke (H.P.L. control spring)		6/63/		1	1	–
	E1ADDN–547-B	Spring (H.P.L. qualitrol) – main		11/60/63/6		1	1	–
AC	EIADDN –547-C	Spring (H.P.L. qualitrol) main		6/63/		1	1	–
AE	957E –550	Washer (H.P.L. arm to cross shaft)		11/60/		2	2	–
	EIADDN –560	Pin (H.P.L. upper link) – front		11/60/		1	1	–
	EIADDN –560	Pin (H.P.L. upper link) – rear		11/60/		1	1	–
	957E –566	Knuckle (H.P.L. levelling box)		11/60/		1	1	–
	957E –566	Knuckle (H.P.L. lifting rod)		11/60/		1	1	–
AC	957E–638-C	Valve (H. P. L. valve gear unloading)		11/60	Repl. 957E-638-B	1	1	–
	957E-944601-B	Valve (H.P.L. valve gear unloading)		11/60/63/4	Part of 957E-638-B	1	1	–
AC	957E-994601-C	Valve (H.P.L. valve gear unloading)		4/63/	Part of 957E-638-C	1	1	–
	957E-994608-B	Body (H.P.L. valve gear unloading valve)		11/60/63/4	Part of 957E-638-B	1	1	–
AC	957E-994608-C	Body (H.P.L. valve gear unloading valve)		4/63/	Part of 957E-638-C	1	1	–
AC	87033-ES	Seal (H.P.L. valve gear unloading valve seat)		11/60/	Part of 957E-638-B/C	1	1	–
	957E-994717-C	Spring (H.P.L. valve gear unloading valve)		11/60/63/4	Part of 957E-638-B	1	1	–
AC	957E-994717-D	Spring (H.P.L. valve gear unloading valve)		4/63/	Part of 957E-638-C	1	1	–
	957E-906-A	Seat (H.P.L. pump unloading valve)		11/60/63/4	Part of 957E-638-B	1	1	–
AC	957E-906-B	Seat (H.P.L. pump unloading valve)		4/63/	Part of 957E-638-C	1	1	–
AC	957E-931	Cap (H.P.L. valve gear unloading valve)		11/60/		1	1	–
AC	957E-994613-E	Shim (H.P.L. valve gear unloading valve)		11/60/	.010" thick Part of 957E-638-B	ar	ar	–

HYDRAULIC POWER LIFT—*continued*

VALVE GEAR —*continued*

Used from 11/60/

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AC		957E–994613-F	Shim (H. P. L. valve gear unloading valve)		11/60/	.025" thick Part of 957E-638-B/C	ar	ar	–
AC		957E-679-B	**Plug (H.P.L. valve gear unloading valve)**		**11/60/63/4**		1	1	–
AC		E105–GF-9	Seal (H. P. L. valve gear unloading plug)		11/60/63/6		1	1	–
AC		957E –645	**Spring (H.P.L. check valve)**		**11/60/**		1	1	–
AC		E1ADDN–669	**Pin (H.P.L. qualitrol guide)**		**11/60/**		1	1	–
AC		957E –674	**Guide (H.P.L. check valve spring)**		**11/60/**		1	1	–
		957E –679-B	**Plug (H.P.L. valve gear unloading valve)**		**11/60/63/4**	**Part of 957E-638-B**	1	1	–
		E1ADDN–680-A	**Arm (H.P.L. position control) assy.**		**11/60/63/6**		1	1	–
AC		E1ADDN–680-B	**Arm (H.P.L. position control)**		**6/63/**		1	1	–
AC		72003-S7/8	**Split pin (H.P.L. position arm to selector)**		**11/60/**		1	1	–
AC		E190–GF-9	Roller (H. P. L. position control arm)		11/60/	Part of E1ADDN-680-A/B	1	1	–
		116354-ES	**Pin (H.P.L. position control arm roller)**		**11/60/63/6**	**Part of E1ADDN-680-A**	1	1	–
		E1ADDN–683-A	**Rod (H.P.L. control)**		**11/60/63/6**		1	1	–
AC		E1ADDN–683-B	**Rod (H.P.L. control)**		**6/63/**		1	1	–
AC		33911-ES2	**Nut (H.P.L. control rod to position block)**		**11/60/**		1	1	–
AC		E1ADDN–684	**Spring (H.P.L. position control)**		**11/60/**		1	1	–
AC		E133-GF-9	**Guide (H.P.L. position control spring)**		**11/60/**		1	1	–
AC		34443-ES2C	**Nut**		**11/60/**		1	1	–
		E1ADDN–686-A	**Lever (H.P.L. position control selector)**		**11/60/63/6**		1	1	–
AC		E1ADDN–686-B	**Lever (H.P.L. position control selector)**		**6/63/**		1	1	–
AC		E1ADDN–693	**Arm (H.P.L. position selector) assy.**		**11/60/**		1	1	–
AC		116316-ES	**Pin (H.P.L. position selector arm)**		**11/60/**		1	1	–
	N	E1ADDN–700-A	Housing (raised rear P. T. O.) Assy. (1:133 Ratio)		6/63	See 'Raised P. T. O.' Domestic only	1	1	–
	N	E1ADDN–700-B	Housing (raised rear P. T. O.) Assy		52/63/6		1	1	–
		E1ADDN–K700	**Cover (power take off opening)**		**6/63/**	**Less P.T.O.**	1	1	–
		E1ADDN–K702-A	Shaft & Gear (raised rear P. T. O. upper extension)		6/63/	See Raised P. T. O.	1	1	–
		E1ADDN–K702-B	Shaft (raised rear P. T. O. upper extension shaft to drive)		52/63/6	See "Raised P. T. O." 1:1 Ratio Part of E1ADDN–700-B	1	1	–
		E1ADDN–K703	Shifter (raised rear P. T. O. idler gear)		6/63/	See 'Raised P. T. O.'	1	1	–
		CDPN–705-A	Kit - Raised rear P. T. O. conversion		6/63	United States only	1	1	–
		E1ADDN–K705	**Shaft (raised rear P.T.O. drive) assy.**		**6/63/**	**See 'Raised' P. T. O.**	1	1	–
		E1ADDN–K709	**Retainer (raised P.T.O. drive shaft) assy.**		**6/63/**	**See 'Raised' P. T. O.**	1	1	–
		E1ADDN–K711	**Gear (raised P.T.O. idler) assy.**		**6/63/**	**See 'Raised' P. T. O.**	1	1	–
		E1ADDN–K713	Bearing (raised P. T. O. lower drive shaft)		6/63/	See "Raised P. T. O."	1	1	–
		E1ADDN–724	Washer (P. T. O. idler gear bearing)		6/63/	See P. T. O.	2	2	–
		E1ADDN–734	**Retainer (raised P.T.O. upper extension drive shaft)**		**6/63/**	**See "Raised P. T. O"**	1	1	–
AC		E130-GF-9	**Block (H.P.L. position control) and link assy.**		**11/60/**		1	1	–
AC		72003-S7/8	**Split pin**		**11/60/**		1	1	–
GD		E1ADKN–772	**Shaft (transmission drive) assy.**		**11/60/**	**Use with Live P.T.O.**	1	1	1
		E1ADDN–K830	**Knob (H.P.L. lowering restrictor)**		**6/63/**		1	1	–
		305054-S	**Pin (restrictor knob to shaft)**		**6/63/**		1	1	–
		E1ADDN–K831	**Seal (H.P.L. lowering restrictor spindle)**		**6/63/**		1	1	–
		E1ADDN–K832	**Spindle (H.P.L. lowering restrictor)**		**6/63/**		1	1	–
AC		957E –832	**Plug (H.P.L. check valve)**		**11/60/**		1	1	–
		E1ADDN–K833	**Pin (H.P.L. knock-off)**		**6/63/**		1	1	–
		34420-ES2B	**Nut (H.P.L. knock-off pin to actuating lever)**		**6/63/**		1	1	–
		E1ADDN–K834	**Shim (H.P.L. draught control)**		**6/63/**		1	1	–
		E1ADDN–K835	**Restrictor (H.P.L. lowering)**		**6/63/**	**Part of E1ADDN–477-B**	1	1	–
		E1ADDN–K836	**Stop (H.P.L. draught control main spring)**		**6/63/**		1	1	–
AC		E1ADDN–K837	**Pin (H.P.L. lift control valve lever)**		**6/63/**		1	1	–
AC		957E –837	**Ring (H.P.L. cylinder dowel)**		**11/60/**		2	2	–
		E1ADDN–K839	**Link (H.P.L. position control)**		**6/63/**		1	1	–
		957E –B891	Seat (H. P. L. unload valve)		4/63/	Part of 957E-638-C	1	1	–
		E1ADDN–K840	Pin (H. P. L. rocker to yoke)		6/63		1	1	–
		72071-S	Pin (rocker to yoke pin)		6/63/		1	1	–

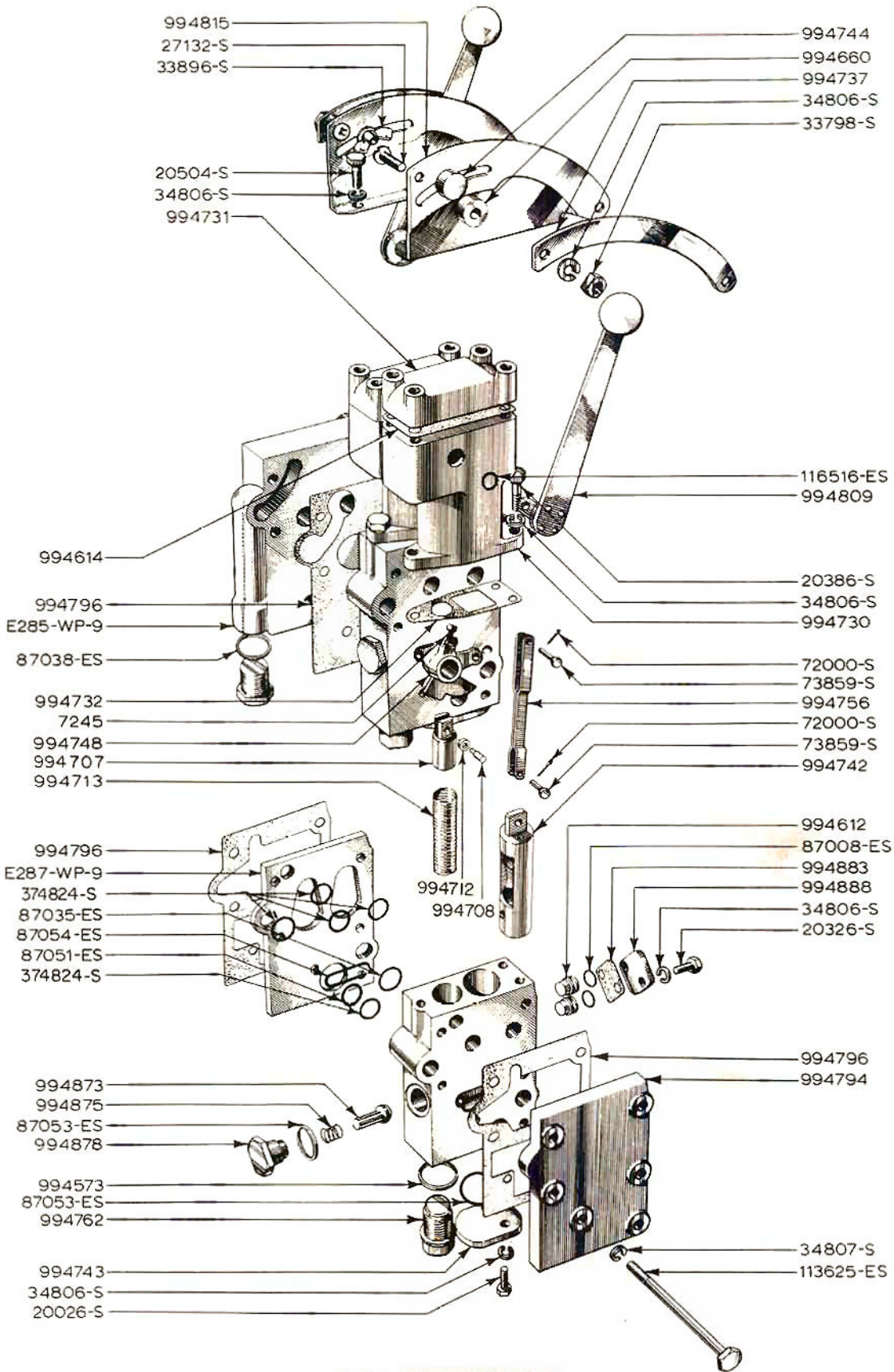
HYDRAULIC POWER LIFT — *continued*

VALVE GEAR—*continued*
Used from 11/60/

Illus No.	Part No.	Name of Part	% scaling	Year Range	Remarks	Qty. Req. P	D	V
	°C5NN-N860-A	Housing (H. P. L. Check Valve Spring)		11/60		1	1	–
	E1ADDN-A900	**Nut (H.P.L. draught control spring plunger adjustment)**		6/63/		1	1	–
	E1ADDN-904-A	Housing (raised power take off)		6/63/	Part of E1ADDN-700-A	1	1	–
	E1ADDN-904-B	Housing (Raised P. T. O.)		52/63/6	Part of E1ADDN-700-B	1	1	–
	957E -906-A	**Seat (H.P.L. pump unloading valve)**		11/60/63/4	**Part of 957E-638-B**	1	1	–
	957E -906-B	**Seat (H.P.L. pump unloading valve)**		4/63/	**Part of 957E-638-C**	1	1	–
AC	E1ADDN-912	**Link (H.P.L. control valve)**		11/60/		1	1	–
AC	E1ADDN-914	**Turnbuckle (H.P.L. control valve)**		11/60/		1	1	–
AL	C5NN-916-A	Plug (H. P. L. unload valve)		11/60/	1.0002/1.0004" White	1	1	–
AL	957E -916-B	**Plug (H.P.L. unload valve)**		11/60/	**1.0004/1.0006" Blue**	1	1	–
AL	C5NN-916-C	Plug (H. P. L. unload valve) (Repl. 957E-916-C)		11/60/	1.0006/1.0008" Yellow	1	1	–
AL	C5NN-916-D	Plug (H. P. L. unload valve) (Repl. 957E-916-D)		11/60/	1.0008/1.0010" Green	1	1	–
AL	C5NN-916-E	Plug (H. P. L. unload valve)		11/60/	1.0010/1.0012" Orange	1	1	–
AL	C5NN-916-F	Plug (H. P. L. unload valve) (Repl. 957E-916-F)		11/60/	1.0000/1.0002" Blue/White	1	1	–
AL	C5NN-916-G	Plug (H. P. L. unload valve)		11/60/	1.0014/1.0016" Green/White	1	1	–
AL	957E -916-H	**Plug (H.P.L. unload valve)**		11/60/	**Red/White**	1	1	–
AL	E1ADDN-921	**Plate (H.P.L. valve retaining) – rear**		11/60/		1	1	–
AL	20348-S2	**Bolt (plate to cylinder)**		11/60/		2	2	–
AL	957E -924-B	**Spring (H.P.L. valve control)**		11/60/		1	1	–
AL	C5NN-925	Valve (H. P. L. unload)		11/60/		1	1	–
AL	87035-ESB	**Seal (H.P.L. unload valve)**		11/60/		1	1	–
AC	957E -962	**Spring (H.P.L. back pressure valve)**		11/60/		1	1	–
	E1ADDN-A965	Seat (H. P. L. Draught Control Spring)		6/63		1	1	–
AJ	E1ADDN-974-B	Cover (H. P. L. pump)		11/60/		1	1	–
	957E-N975-A	Decal (Dual Aux. Service Valve)		4/64	Domestic Only - When D. A. S. Valve is requested	1	1	–
AC	957E -982	**Valve (H.P.L. back pressure)**		11/60/		1	1	–
AL	E1ADDN-984	**Valve (H.P.L. safety)**		11/60/		1	1	–
AL	E125-GF-9	**Seal (valve to ram cylinder)**		11/60/		1	1	–
AC	° 957E -997	**Seat (H.P.L. check valve)**		11/60/		1	1	–
	°C3NN-997-A	Seat (H. P. L. check valve)		11/60	Repl. C5NN-997-A	1	1	–
	E1ADDN-998	**Kit (H.P.L. pump conversion)**		11/60/		1	1	–
	E684-T-9	**Kit (hydraulic single acting valve coupling)**		11/60/	**Accessory**	1	1	–
	E673-T-9	**Pipe (hydraulic single acting valve coupling assy.)**		11/60/		1	1	–
	E119-WP-9	**Bolt (hydraulic single acting valve)**		11/60/		1	1	–
	E675-T-9	**Bracket (auxiliary control valve pipe)**		11/60/		1	1	–
	E1ADKN-994573	**Seal (hydraulic single acting valve)**		11/60/		2	2	–

° When replacing 957E-997 or E30-GF-9 parts C5NN-N860-A and C3NN-997-A must be used together.

AD



DUAL AUXILIARY VALVE

HYDRAULIC POWER LIFT—*continued*

VALVE GEAR (AUXILIARY SERVICE)
Used 11/60/

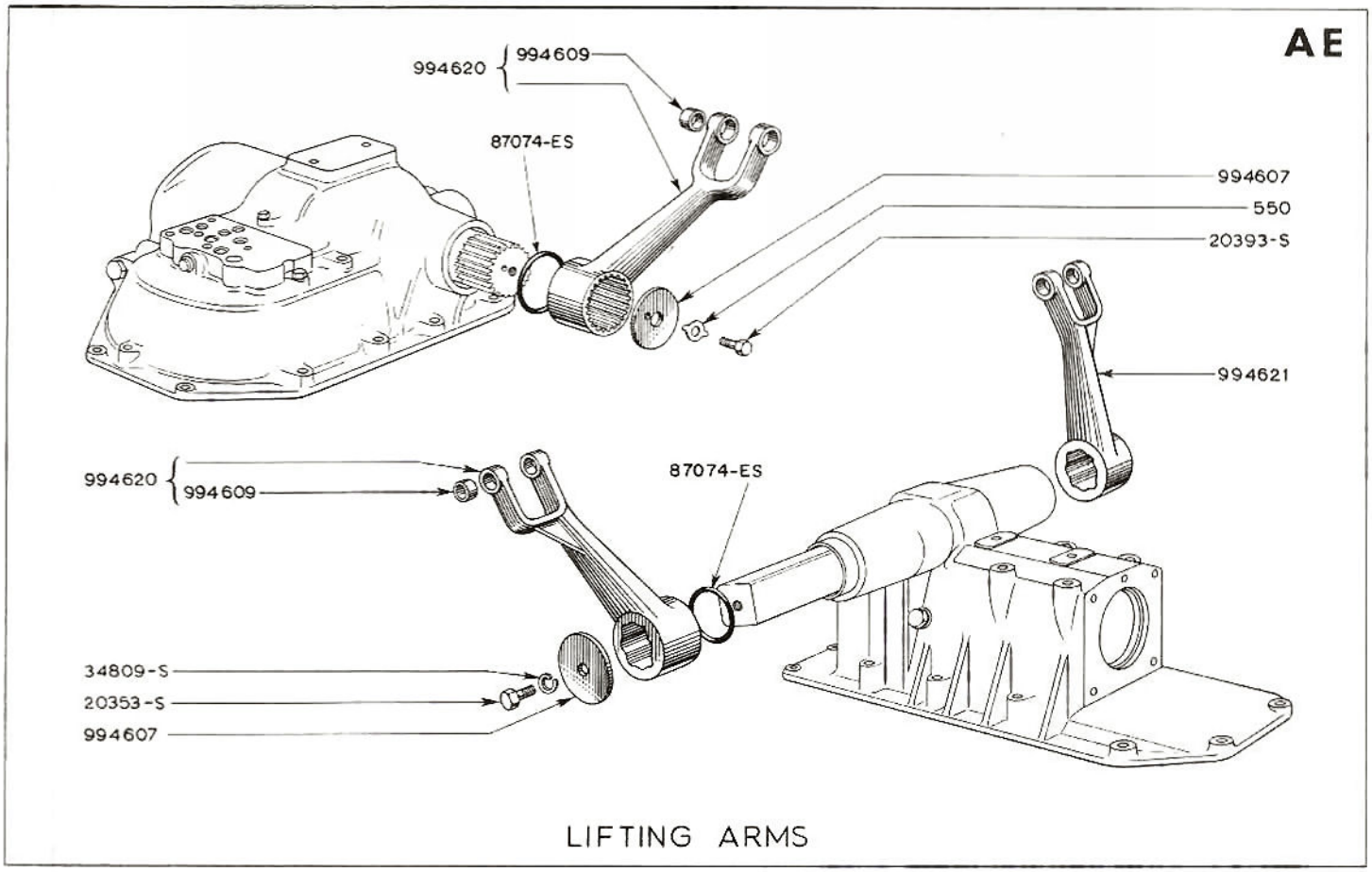
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	957E–N975-A	Decal (Dual Aux. Service Valve)		4/64	Domestic Only - When D.A.S. Valve is requested	1	1	–
AD	20351-S8	Bolt (aux. valve to bracket)		11/60/		8	8	–
AD	20390-S7/8	Bolt (aux. valve manifold to bracket)		11/60/		4	4	–
AD	34671-S34	Nut		11/60/		8	8	–
AD	34808-S36	Lockwasher		11/60/		12	12	–
AD	113625-ES	**Bolt (aux. valve to bracket)**		**11/60/**		**6**	**6**	**–**
AD	34807-S36	Lockwasher		11/60/		6	6	–
	E296-WP-9	**Valve (aux. service) assy. – R.H.**		**11/60/**		**1**	**1**	**–**
	E1ADKN-994561-B	**Valve (aux. service) assy. – L.H.**		**11/60/**		**1**	**1**	**–**
AD	E1ADKN–994573	Seal (valve gear plug)		11/60/		2	2	–
AD	87053-ES	**Seal (piston bore cover plate sealing)**		**11/60/**		**2**	**2**	**–**
AD	E285-WP-9	**Manifold (aux. service)**		**11/60/**		**1**	**1**	**–**
	E1ADKN–994796	**Gasket (aux. service manifold)**		**11/60/**		**1**	**1**	**–**
AD	E287-WP-9	**Plate (aux. valve)**		**11/60/**		**1**	**1**	**–**
AD	87051-ES	**Seal (plate to valve)**		**11/60/**		**1**	**1**	**–**
AD	87054-ES	**Seal (plate to valve)**		**11/60/**		**2**	**2**	**–**
AD	87038-ES	**Seal (aux. valve)**		**11/60/**		**2**	**2**	**–**
AD	87008-ES	**Seal (plate to valve)**		**11/60/**		**4**	**4**	**–**
AD	E1ADKN-994612	**Retainer (aux. valve oil passage seal)**		**11/60/**		**4**	**4**	**–**
AD	E1ADKN-994614	**Gasket (aux. service control lever housing cover)**		**11/60/**		**2**	**2**	**–**
AD	116516-ES	**Seal (aux. valve oil passage)**		**11/60/**		**2**	**2**	**–**
AD	E1ADKN-994660	**Spacer (aux. valve control lever quadrant)**		**11/60/**		**4**	**4**	**–**
AD	87035-ESB	**Seal (aux valve oil passage)**		**11/60/**		**2**	**2**	**–**
AD	374824-S	Seal (aux. valve oil passage)		11/60		2	2	–
AD	87054-ES	Seal (Aux. Valve Oil Passage)		11/60		6	6	–
AD	E1ADKN–994707	Housing (aux. valve)		11/60/		2	2	–
AD	E1ADKN–994708	Pin (Roller to Housing - aux. valve)		11/60/		2	2	–
AD	E1ADKN–994712	Roller (aux. valve)		11/60/		2	2	–
AD	E1ADKN-994713	**Spring (valve indent)**		**11/60/**		**2**	**2**	**–**
AD	E1ADKN-994730	**Housing (aux. valve control lever)**		**11/60/**		**2**	**2**	**–**
AD	20386-S7	Screw (housing to body)		11/60/		6	6	–
AD	34806-S36	Lockwasher		11/60/		6	6	–
	119785-ES	Expansion plug (control lever housing)		11/60/		2	2	–
AD	E1ADKN-994731-A	**Cover (aux. valve control lever housing)**		**11/60/**		**2**	**2**	**–**
AD	20504-S2	**Screw (cover to housing)**		**11/60/**		**8**	**8**	**–**
AD	34806-S36	Lockwasher		11/60/		8	8	–
AD	E1ADKN-994732	**Gasket (control lever housing to body)**		**11/60/**		**2**	**2**	**–**
AD	E1ADKN-994737	**Guard (control lever quadrant)**		**11/60/**		**2**	**2**	**–**
AD	E1ADKN-994742-A	**Piston (aux. valve) – std.**		**11/60/**	Red	**ar**	**ar**	**–**
AD	E1ADKN-994742-B	**Piston (aux. valve) – .0002" o/s**		**11/60/**	Yellow	**ar**	**ar**	**–**
AD	E1ADKN-994742-C	**Piston (aux. valve) – .0004" o/s**		**11/60/**	Blue	**ar**	**ar**	**–**
AD	E1ADKN-994742-D	**Piston (aux. valve) – .0006" o/s**		**11/60/**	Green	**ar**	**ar**	**–**
AD	E1ADKN-994742-E	**Piston (aux. valve) – .0008" o/s**		**11/60/**	White	**ar**	**ar**	**–**
AD	E1ADKN-994743	**Cover (aux. valve piston bore)**		**11/60/**		**2**	**2**	**–**
AD	20326-S7/8	**Screw (cover to body)**		**11/60/**		**4**	**4**	**–**
AD	34806-S36	Lockwasher		11/60/		4	4	–
AD	E1ADKN-994744	**Stop (aux. valve control lever adjustable)**		**11/60/**		**2**	**2**	**–**
AD	33896-S	**Wing nut**		**11/60/**		**2**	**2**	**–**
	44722-S7	**Washer**		**11/60/**		**2**	**2**	**–**

HYDRAULIC POWER LIFT—*continued*

VALVE GEAR (AUXILIARY SERVICE)

Used 11/60/

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	119290-ES2	Lockwasher		11/60/		2	2	–
AD	E1ADKN-994748	Lever (aux. valve)		11/60/		2	2	–
AD	BB-7245	Screw (lever to shaft)		11/60/		2	2	–
AD	E1ADKN-994756	Link (aux. valve piston)		11/60/		2	2	–
AD	73859-S	Clevis pin (piston link)		11/60/		4	4	–
AD	72000-S	Split pin		11/60/		4	4	–
AD	957E–994762	Plug (aux. valve)		11/60/		2	2	–
AD	E1ADKN-994794	Cover (aux. valve)		11/60/		1	1	–
AD	E1ADKN-994796	Gasket (aux. valve cover)		11/60/		2	2	–
	E1ADKN-994808	Quadrant (aux. valve control lever)		11/60/		1	1	–
AD	E1ADKN-994815	Quadrant (aux. valve control lever)		11/60/		1	1	–
AD	27132-S	Screw (quadrant to spacer to guard)		11/60/		2	2	–
AD	33798-S7/8	Nut		11/60/		2	2	–
AD	34806-S36	Lockwasher		11/60/		2	2	–
AD	E1ADKN-994809-B	Lever (aux. valve control) and shaft assy.		11/60/		2	2	–
AD	E1ADKN-994873	Valve (aux. check)		11/60/		2	2	–
AD	E1ADKN-994875	Spring (aux. check valve)		11/60/		2	2	–
AD	E1ADKN-994878	Guide (aux. check valve)		11/60/		2	2	–
AD	E1ADKN-994883	Gasket (aux. valve)		11/60/		2	2	–
AD	E1ADKN-994888	Cover (aux. valve)		11/60/		2	2	–
AD	20326-S7/8	Screw (cover to body)		11/60/		4	4	–
AD	34806-S36	Lockwasher		11/60/		4	4	–
AD	E288–WP-9	Pipe (aux. feed) Assy		11/60/		1	1	–
AD	E289–WP-9	Pipe (aux. return) assy		11/60/		1	1	–
AD	E290–WP-9	Plug (aux. return)		11/60/		1	1	–
AD	E291–WP-9	Bracket (aux. valve support)		11/60/		1	1	–
AD	E292–WP-9	Bracket (aux. valve support) - R. H.		11/60/		1	1	–
AD	E293–WP-9	Bracket (aux. valve support) - L. H.		11/60/		1	1	–
AD	E724–T-9	Bolt (banjo union)		11/60/		4	4	–



LIFTING ARMS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—*continued*

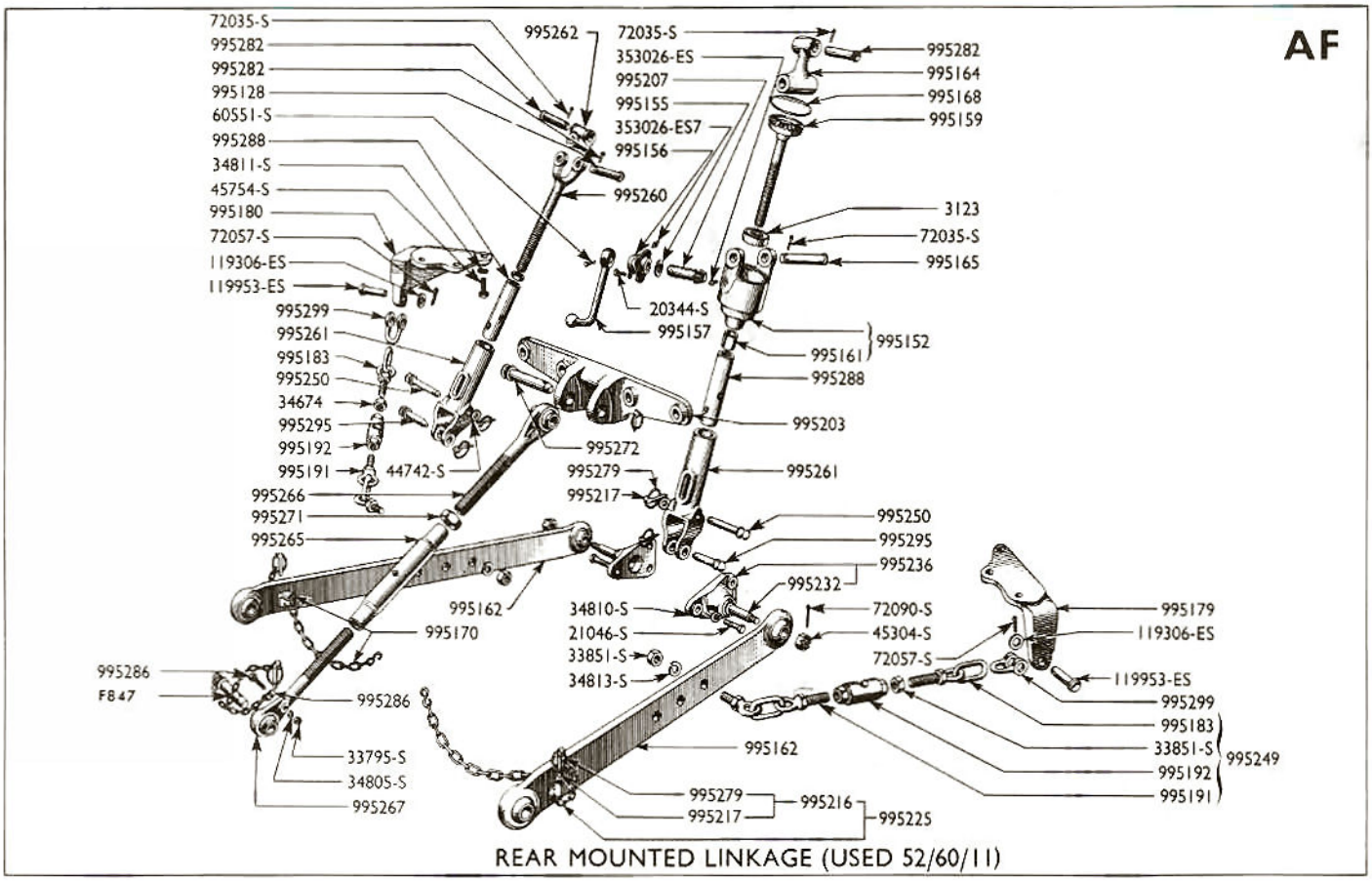
P D V

LIFTING ARMS
Used 52/60/11

AE	E1ADKN-994607	Washer (H.P.L. ram cylinder cross-shaft)	2	52/60/11		2 2 2
AE	E27N-994609	Bush (H.P.L. ram cylinder lifting arm)		52/60/11		4 4 4
AE	E1ADKN-994620	Arm (H.P.L. ram cylinder lifting) assy. – R.H.	3	52/60/11		1 1 1
AE	E1ADKN-994621	Arm (H.P.L. ram cylinder lifting) assy. – L.H.	3	52/60/11		1 1 1
AE	20353-S	Screw (arm to cross-shaft)		52/60/11		2 2 2
AE	34809-S7	Lockwasher		52/60/11		2 2 2
	87024-ES	"O" Ring (Lifting Arms to H. P. L. Cover)		62/-		2 2 2

LIFTING ARMS
Used from 11/60/

	E1ADDN–544	Shaft (H.P.L. ram cylinder cross)		11/60/	1 1 –
AE	E1ADDN–994620-A	Arm (H.P.L. ram cylinder lifting) assy.		11/60/	Except with Auto. hitch 2 2 –
	E1ADDN-994620-B	Arm (H.P.L. ram cylinder lifting)		11/60/	When req.– or with H.P.L. and Auto. hitch 2 2 –
AE	E1ADDN–994607	Washer (ram cylinder cross shaft)		11/60/	2 2 –
AE	E27N-994609	Bush (H.P.L. ram cylinder lifting arm)		11/60/	4 4 –
AE	957E-550	Washer (H.P.L. arm to cross shaft)		11/60/	2 2 –
AE	20393-S	Bolt		11/60/	2 2 –



REAR MOUNTED LINKAGE (USED 52/60/11)

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—*continued*

P D V

LINKAGE FOR REAR MOUNTED IMPLEMENTS

Used 52/60/11

AF	**E27N-995152-A**	**Box (H.P.L. levelling) and bush assy.**	3	**52/60/11**		**1 1 1**
	E1ADDN–995152-B	Box (H. P. L. levelling and bush assy.)		11/60/	Repl. E1ADDN-995152	1 1 1
	*E141-QF-9	Spring (H. P. L. levelling box)		11/60/		1 1 –
	119796-ES7/8B	**Lubricator**		**52/58/2**		**1 1 1**
AF	353026-A2-S8	Lubricator		2/58/60/11		1 1 –
AF	**E27N-995155**	**Collar (H.P.L. levelling box pinion)**		**52/60/11**		**1 1 1**
AF	**E27N-995156**	**Bracket (H.P.L. levelling box pinion bearing)**	2	**52/60/11**		**1 1 1**
AF	353026-A2-S8	Lubricator		52/60/11		1 1 1
AF	**20344-S7/8**	**Screw (bracket to levelling box)**		**52/60/11**		**3 3 3**
AF	34805-S7	Lockwasher		52/60/22		3 3 3
AF	**34805-S7/8**	**Lockwasher**		**52/60/11**		**3 3 3**
AF	**E27N-995157**	**Lever (H.P.L. levelling box)**		**52/60/11**		**1 1 1**
AF	**60551-S**	**Rivet (lever to pinion)**		**52/60/11**		**1 1 1**
	E215-WP-9	**Kit (check chain anchor bracket and lower link) — heavy duty**		**7/56/60/11**	**When requested**	**1 1 1**

* Used with E1ADDN–995152-B when replacing E1ADDN–995152

HYDRAULIC POWER LIFT—*continued*

LINKAGE FOR REAR MOUNTED IMPLEMENTS—*continued*

Used 52/60/11

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AF	E1ADKN-995159	Gear (H.P.L. levelling box)	10	52/60/11		1	1	1
AF	7V-3123-B	Bearing (H.P.L. levelling box gear)	3	52/60/11		1	1	1
AF	E27N-995161	Bush (H.P.L. levelling box)		52/60/11		1	1	1
					Replaced by E1ADDN-995162-C			
AF	E1ADDN-995162-C	Link (H. P. L.) and ball assy		52/60/11	Replaces E1ADKN-995162-B	2	2	2
AF	E1ADKN-995164	Knuckle (H.P.L. levelling box)		53/60/11		1	1	1
AF	E27N-995165	Pin (H.P.L. levelling box knuckle)	5	52/60/11		1	1	1
AF	E27N-995168	Plug (H.P.L. levelling box expansion)	2	52/60/11		1	1	1
AF	E27N-995170	Chain (H.P.L. lower link safety) assy.	5	52/60/11		2	2	2
	60540-S	Rivet (chain clip to lower link)		52/60/11		4	4	4
AF	E1ADDN-995179-A	Bracket (H.P.L. check chain anchor) – R.H.		52/60/1		1	1	1
AF	E1ADKN-995179-C	Bracket (H.P.L. check chain anchor) – R.H.		6/57/60/1	Use with Industrial Tractor	1	1	–
AF	E1ADKN-995180-C	Bracket (H.P.L. check chain anchor) – L.H.		6/57/60/1	Use with Industrial Tractor	1	1	–
AF	E1ADDN-995180	Bracket (H.P.L. check chain anchor)–L.H.		52/60/1		1	1	–
	45754-S	Screw (bracket to rear axle housing)		52/60/11		4	4	4
	118977-ES2	Bolt (bracket to mudguard to rear axle housing)		52/60/11		2	2	2
	33849-S	Nut		52/60/11		2	2	2
	34811-S7/8	Lockwasher		52/60/11		6	6	6
	E1ADDN-995181-B	Bracket (H.P.L. check chain anchor) – R.H.		1/60/60/11	Export only	1	1	–
	E1ADDN-995182-B	Bracket (H.P.L. check chain anchor) – L.H.		1/60/60/11	Export only	1	1	–
	C5NN–A867-B	Eyebolt (H. P. L. check chain adjusting)		1/60/60/11	Repl. E1ADDN-995187	2	2	–
AF	E1ADKN-995191-A	Eyebolt (H.P.L. check chain to lower link) assy.	5	52/60/11		2	2	2
AF	E1ADKN-995191-B	Eyebolt (H.P.L. check chain to anchor bracket) assy.	2	7/56/60/11	When requested	2	2	2
	C5NN–D853-B	Washer (H. P. L. eyebolt to lower link)		7/56/60/11	Repl. E62-QF-9	2	2	2
AF	E1ADKN-995192	Nut (H.P.L. check chain adjusting)	15	52/60/11		2	2	2
AF	34674-S	Locknut		52/60/11		2	2	2
	E1ADKN-995200-A	Installation (H.P.L. rear linkage)		52/59/11	Less A.C.R.–Accessory	1	1	1
	E1ADDN-995200-A	Installation (H.P.L. rear linkage)		11/59/60/11	Less A.C.R.	1	1	–
	E119-QF-9	Installation (H.P.L. rear linkage)		11/60/	Less A.C.R.	1	1	–
	E1ADKN-995200-B	Installation (H.P.L. rear linkage)		52/59/11	With A.C.R.	1	1	1
	E1ADDN-995200-B	Installation (H.P.L. rear linkage)		11/59/60/11	With A.C.R.	1	1	–
AF	E1ADKN-995203-A	Bracket (H.P.L. upper link support)		52/60/11	Less A.C.R.	1	1	1
AF	E1ADKN-995203-B	Bracket (H.P.L. upper link support)		52/60/11	With A.C.R.	1	1	1
AF	45754-S	Screw (bracket to rear transmission housing)		52/60/11	4 required with A.C.R.	2	2	2
	45775-S	Screw (bracket to rear transmission housing)		52/60/11	Less A.C.R.	2	2	2
AF	34811-S7/8	Lockwasher		52/60/11		4	4	4

HYDRAULIC POWER LIFT—*continued*

LINKAGE FOR REAR MOUNTED IMPLEMENTS—*continued*

Used 52/60/11

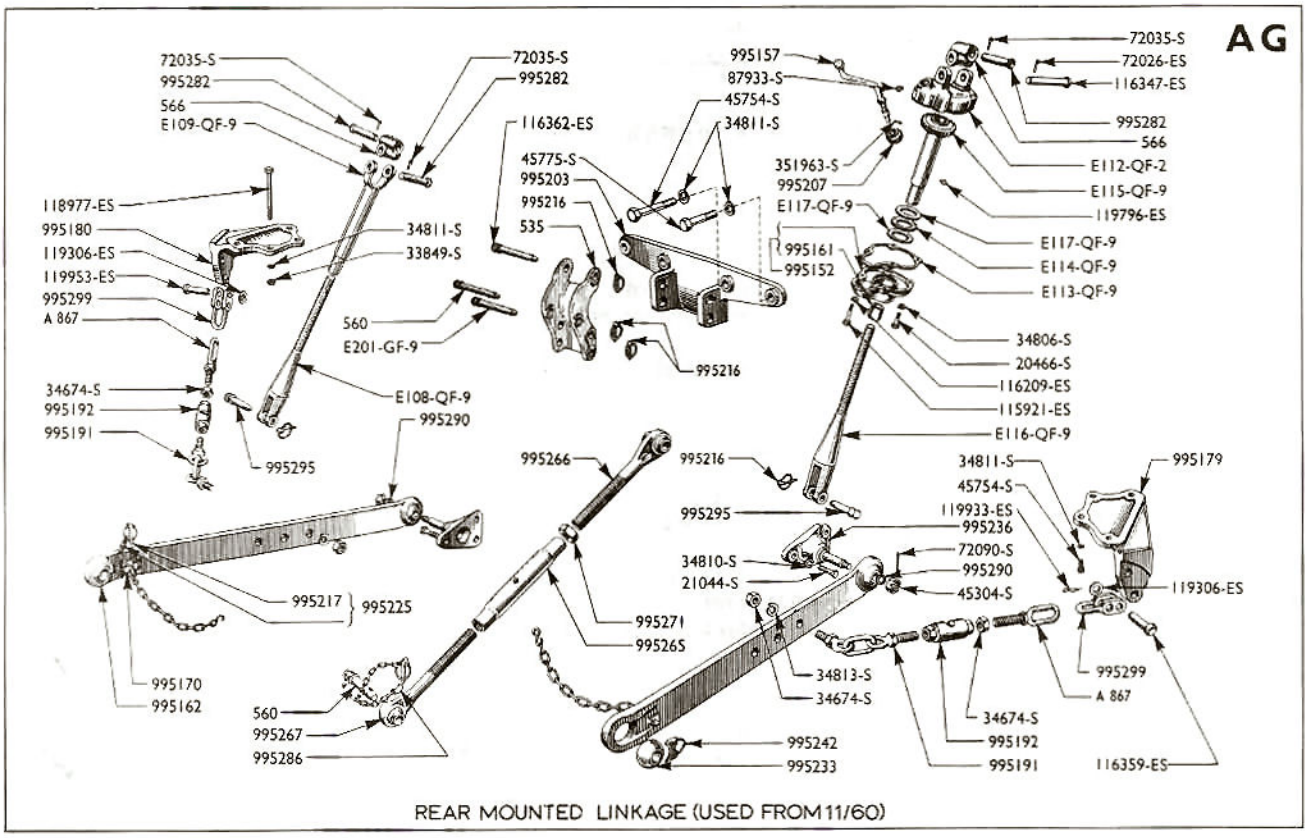
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AF	E27N-995207-B	Pinion (H.P.L. levelling box)	2	52/60/11		1	1	1
	E1ADKN-995215-A	Link (H. P. L. Pre-set Linkage) Assy - Upper		1/60/60/11		1	1	1
	E1ADKN-995215-B	Link (A. C. R. Pre-set Linkage)		1/60/60/11		1	1	1
	E27N-995215-B	Link Assy - A. C. R.		11/59/60/11		1	1	1
AF	E27N-995216	Linch Pin & Ring Assy. (H. P. L.)		52/60/11		6	6	6
AF	E27N-995225	Linch pin (H.P.L. lower link), clip, chain and ring assy.	10	52/60/11		2	2	2
	E1ADDN-995232	Pin (H.P.L. lower link mounting bracket)		9/59/60/11		2	2	–
	E100-GD-9	Clip (mounting bracket pin to mounting bracket)		9/59/60/11		2	2	–
	74021-S8	Pin (mounting bracket pin to mounting bracket)		9/59/60/11		2	2	–
AF	E1ADKN-995236	Bracket (H.P.L. lower link mounting) and pin assy.		52/59/9		2	2	2
AF	E1ADDN-995236	Bracket (H. P. L. lower link mounting) - R. H.		9/59/60/11		1	1	–
	E1ADDN-995237	Bracket (H. P. L. lower link mounting) - L. H.		9/59/60/11		1	1	–
	21044-S	Screw (bracket to rear transmission housing)		52/60/4		6	6	6
	34810-S2	Lockwasher		52/60/4		6	6	6
AF	45304-S	Nut (lower link retaining)		52/60/4		2	2	2
AF	72090-S	Split pin		52/60/4		2	2	–
AF	C5NN-F847-A	Pin (H. P. L. upper link) – rear	5	52/60/4	Repl. E27N-995248	1	1	1
AF	E1ADDN-995249-B	Chain (H.P.L. check) assy. – less shackle		7/56/60/11	When requested	2	2	–
	116359-ES8	Clevis Pin		7/56/60/11		2	2	2
AF	72057-S	Split pin		7/56/60/11		2	2	2
AF	119953-ES7/8	Clevis pin (check chain to anchor bracket)		52/60/11		2	2	2
AF	119306-ES2	Washer		52/60/11		2	2	2
	E1ADKN-995259	Rod (H.P.L. lifting) assy.		52/60/11		1	1	1
AF	E1ADKN-995250	Pin (H.P.L. lifting rod sleeve)	10	52/60/11		2	2	2
AF	44742-S36	Washer (sleeve pin)		52/60/11		2	2	2
AF	E1ADKN-995260	Rod (H.P.L. lifting)	15	52/60/11		1	1	1
AF	E1ADKN-995261	Clevis (H.P.L. lifting rod)	2	52/60/11		2	2	2
AF	E27N-995262-A	Knuckle (H.P.L. lifting rod)	2	52/60/11		1	1	1
AF	E27N-995265-A	Body (H.P.L. upper link)	5	52/60/11	Less A.C.R.	1	1	1
AF	E27N-995266	Link (H.P.L.) and ball assy. – upper – front	5	52/60/11	Less A.C.R.	1	1	1
AF	E27N-995267	Link (H.P.L.) and ball assy. – upper – rear	5	52/60/11	Less A.C.R.	1	1	1
AF	E27N-995271	Locknut (H.P.L. upper link)	5	52/53		1	1	1
AF	E27N-995272	Pin (H.P.L. upper link) – front	15	52/60/11		1	1	1
AF	E27N-995282	Pin (H.P.L. lifting rod knuckle)	5	52/60/11		3	3	3
	E27N-995284	Tommy bar (H.P.L. upper link body)		52/60/11		1	1	1
AF	E27N-995286	Linch pin (H.P.L. upper link), eye clip and chain assy.	3	52/60/11		1	1	1
	20484-S2	Bolt (clip to upper link)		52/60/11		1	1	1
AF	33795-S7	Nut		52/60/11		1	1	1
AF	34805-S7	Lockwasher		52/60/11		1	1	1
AF	E1ADKN-995288	Sleeve (H.P.L. lifting rod)	5	52/60/11		2	2	2
	E27N-995290	Washer (H.P.L. lower link to mounting bracket)		52/59/11		2	2	2
	E27N-995292	Linch pin (H.P.L. lifting rod sleeve)	40	52/60/11		2	2	2
AF	E27N-995295	Pin (H.P.L. lifting rod to lower link)	15	52/60/4		2	2	2
	E1ADDN-995299-A	Shackle (H. P. L. check chain)		52/60/11	With C5NN-A867-B replaces previous type eyebolt or shackle assy	2	2	2
	E2-QF-9	Quadrant (pre-set linkage control) assy.		3/55/60/11	Except with heavy duty axle housing	1	1	1
	E27-QF-9	Quadrant (pre-set linkage control) assy.		3/55/60/11	Use with heavy duty axle housing	1	1	1
	E27N-995279	Ring (H. P. L. and drawbar linch pin)		52/				

HYDRAULIC POWER LIFT—*continued*

LINKAGE FOR REAR MOUNTED IMPLEMENTS—*continued*

Used 52/60/11

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	20550-S	Bolt (quadrant to rear transmission housing)		3/55/60/11		2	2	2
	21062-S	Bolt (quadrant to rear axle housing to rear trans. housing)		3/55/60/11		2	2	2
	34810-S7/8	Lockwasher		3/55/60/11		2	2	2
	E3-QF-9	Lever (pre-set linkage control adjusting)		3/55/60/11		1	1	1
	E4-QF-9	Screw (lever locking)		3/55/60/11		1	1	1
	E5-QF-9	Nut		3/55/60/11		1	1	1
	118209-ES	Lockwasher		3/55/60/11		1	1	1
	118739-ES	Bolt (lever fulcrum)		3/55/60/11		1	1	1
	E6-QF-9	Arm (pre-set linkage control relay)		3/55/60/11		1	1	1
	E7-QF-9	Roller (pre-set linkage control relay arm)		3/55/60/11		1	1	1
	72017-S	Split pin		3/55/60/11		1	1	1
	44734-S	Washer		3/55/60/11		1	1	1
	E9-QF-9	Dowel (pre-set linkage control cam)		3/55/60/11		1	1	1
	E10-QF-9	Bolt (pre-set linkage control relay arm fulcrum)		3/55/60/11		1	1	1
	34671-S8	Nut		3/55/60/11		1	1	1
	34808-S7/8	Lockwasher		3/55/60/11		1	1	1
	E12-QF-9	Sleeve (H.P.L. upper link pre-set linkage)		3/55/60/11	Less A.C.R.	1	1	1
	E13-QF-9	Pin (H.P.L. upper link pre-set linkage)		3/55/60/11		1	1	1
	44742-S8	Washer		3/55/60/11		1	1	1
	E16-QF-9	Cam (pre-set linkage control)		3/55/60/11		1	1	1
	E1ADKN-8487-B	Pad (lever to quadrant)		3/55/60/11		1	1	1



REAR MOUNTED LINKAGE (USED FROM 11/60)

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—*continued*

P D V

LINKAGE FOR REAR MOUNTED IMPLEMENTS

Used 11/60/

	E1ADDN-535-B	Rocker (H.P.L. linkage)	11/60/63/6		1	1 –
AG	E1ADDN–535-C	Rocker (H.P.L. linkage)	6/63/		1	1 –
AG	116362-ES7/8	Pin (H.P.L. rocker	11/60/63/6		1	1 –
	E1ADDN-K840	Pin (H.P.L. rocker)	6/63/		1	1 –
AG	E201-GF-9	Pin (H.P.L. rocker arm to support bracket)	11/60/		1	1 –
AG	E27N-995216	Linch Pin & Ring Assy (H. P. L. rocker pin)	11/60/		1	1 –
AG	E1ADDN–995203	Bracket (H.P.L. rocker upper link support)	11/60/		1	1 –
AG	45754-S	Screw (bracket to rear transmission housing)	11/60/		2	2 –
AG	45775-S	Screw (bracket to rear transmission housing)	11/60/		2	2 –
AG	34811-S7/8	Lockwasher	11/60/		4	4 –

HYDRAULIC POWER LIFT—*continued*

LINKAGE FOR REAR MOUNTED IMPLEMENTS—*continued*

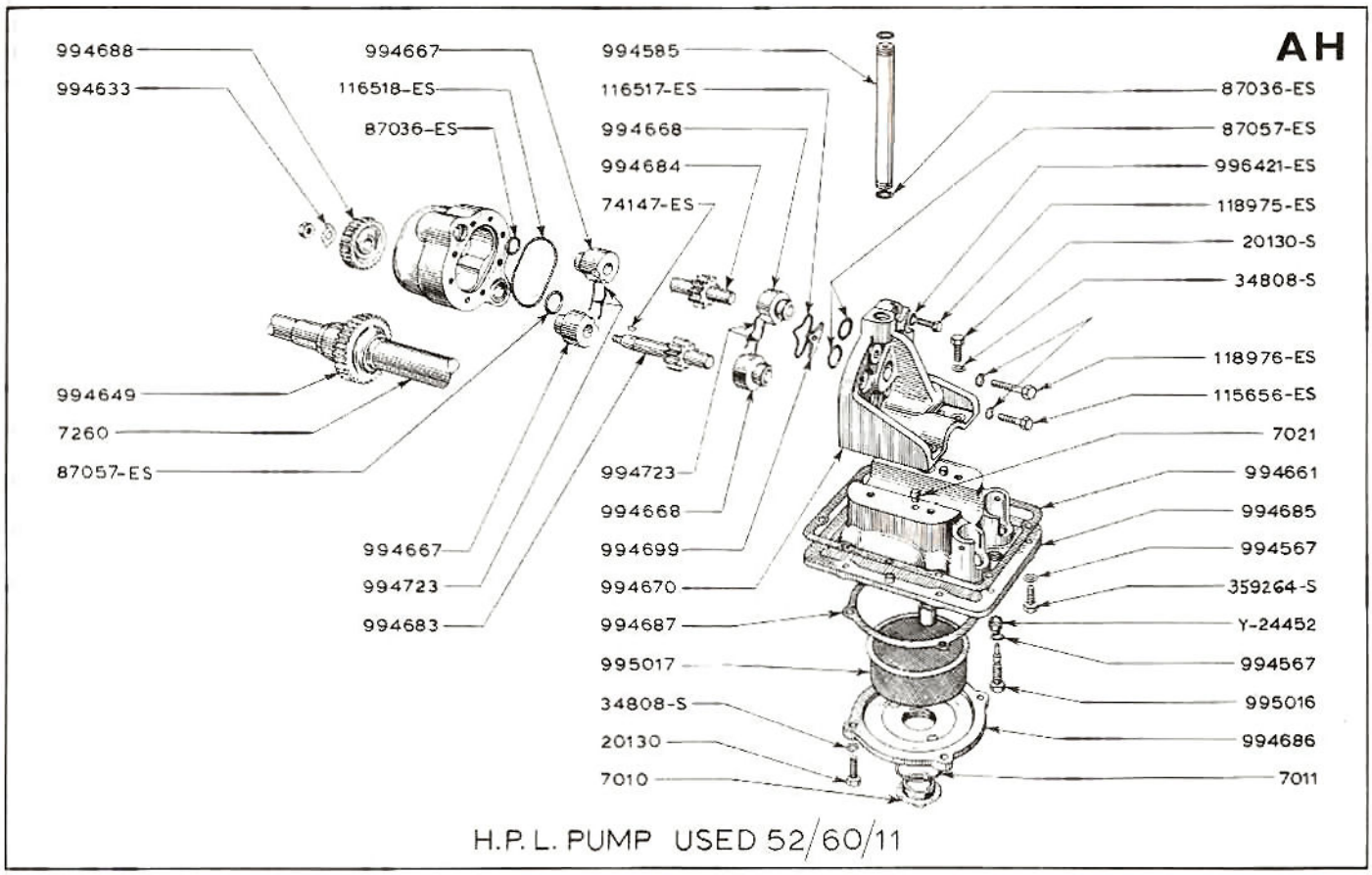
Used 11/60/

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AG	E1ADDN-560	Pin (H.P.L. upper link) – front		11/60/		1	1	–
AG	E1ADDN-560	Pin (H.P.L. upper link) – rear		11/60		1	1	–
AG	E27N-995216	Linch Pin & Ring Assy. (H. P. L.)		11/60/		2	2	–
AG	E27N-995216	Linch pin & Ring Assy (H. P. L. upper link pin) - Front		11/60		1	1	–
AG	E27N-995216	Linch pin & Ring Assy (H. P. L. - upper link pin) - rear		11/60/		1	1	–
AG	E27N-995265-A	Body (H.P.L. upper link)		11/60/		1	1	–
AG	E27N-995266	Link (H.P.L.) and ball assy. – upper – front		11/60/		1	1	–
AG	E27N-995267	Link (H.P.L.) and ball assy. – upper – rear		11/60/		1	1	–
AG	E1ADDN–995267	Link (H.P.L.) and ball assy. – upper rear – Category 1		11/60/	When requested Less A.C.R.	1	1	–
	E1ADDN-995264	Linch pin (upper link) and chain assy. – Category 1		11/60/	When requested Less A.C.R.	1	1	–
AG	E27N-995271	Locknut (H.P.L. upper link)		11/60/		1	1	–
AG	E27N-995286	Linch pin (H.P.L. upper link) eye, clip and chain assy.		11/60/		1	1	–
AG	957E-566	Knuckle (H.P.L. levelling box)		11/60/		1	1	–
AG	957E-566	Knuckle (H.P.L. lifting rod)		11/60/		1	1	–
AG	116347-ES7/8	Pin (H.P.L. levelling box knuckle)		11/60/		1	1	–
AG	72026-ES7/8	Split pin		11/60/		1	1	–
AG	E27N-995282	Pin (H.P.L. lifting rod knuckle)		11/60/		3	3	–
AG	72035-S	Split pin		11/60/		2	2	–
AG	E1ADDN-995152-B	Box (H.P.L. levelling box) and bush assy.		11/60/	With (1) E141-QF-9 and (1) E113-QF-9 replaces previous type box	1	1	–
	E141-QF-9	Spring (H.P.L. levelling box) and bush assy.		4/62/	With (1) E1ADDN-995152-B (1) E113-QF-9 replaces previous type box	1	1	–
AG	E1ADDN–995161	Bush (H.P.L. levelling box)		11/60/		1	1	–
AG	E112-QF-9	Cover (H.P.L. levelling box)		11/60/		1	1	–
AG	87933-ES7/8	Lubricator (H.P.L. levelling box cover)		11/60/		1	1	–
AG	20466-ES2	Bolt (H. P. L. levelling box to cover)		11/60/		2	2	–
AG	34806-S36	Lockwasher		11/60/		2	2	–
AG	115921-ES	Bolt (H.P.L. levelling box to cover)		11/60/		2	2	–
AG	116209-ES	Lockwasher		11/60/		2	2	–
AG	E113-QF-9	Gasket (H.P.L. levelling box cover)		11/60/	With (1) E1ADDN-995152-B and (1) E141-QF-9 replaces previous type box	1	1	–
AG	E114-QF-9	Bearing (H.P.L. levelling box) – thrust		11/60/		1	1	–
AG	E115-QF-9	Gear (H.P.L. levelling box) and sleeve assy.		11/60/		1	1	–
AG	E117-QF-9	Washer (H.P.L. levelling box) – thrust)		11/60/		2	2	–
AG	119796-ES7/8B	Lubricator (H.P.L. levelling box gear)		11/60/		1	1	–
AG	E1ADDN-995157	Lever (H.P.L. levelling box)		11/60/		1	1	–
AG	E1ADDN-995207	Pinion (H.P.L. levelling box)		11/60/		1	1	–
AG	351963-S	Rivet (H.P.L. levelling box pinion to lever)		11/60/		1	1	–
AG	E116-QF-9	Rod (H.P.L. lifting) – R.H.		11/60/		1	1	–
AG	E109-QF-9	Clevis (H.P.L. lifting rod) and sleeve assy.		11/60/		1	1	–
AG	E108-QF-9	Rod (H.P.L. lifting) – L.H.		11/60/		1	1	–
AG	E27N-995295	Pin (H.P.L. lifting rod to lower link)		11/60/		2	2	–
AG	E27N-995216	Linch pin & Ring Assy (H. P. L. lifting rod pin)		11/60/		2	2	–
AC	E1ADKN–995236	Bracket & Pin Assy (H. P. L. lower link mtg.)		11/60/		2	2	–
AG	E1ADKN-995236	Bracket (H.P.L. lower link mounting)		11/60/		2	2	–
AG	21044-S	Screw (bracket to rear transmission housing)		11/60/		6	6	–
AG	34810-S2	Lockwasher		11/60/		6	6	–
AG	E1ADDN-995162-C	Link (H.P.L.) and ball assy. – lower		11/60/		2	2	–
AG	E27N-995290	Washer (H.P.L. lower link to mounting bracket)		11/60/		2	2	–
AG	45304-S	Nut (lower link retaining)		11/60/		2	2	–

HYDRAULIC POWER LIFT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.	P	D	V
		LINKAGE FOR REAR MOUNTED IMPLEMENTS—*continued*							
		Used from 11/60/							
AG	72090-S	Split pin		11/60/		2	2	–	
AG	E1ADDN-995233	Ball (H.P.L. lower link) – Category 1		11/60/		2	2	–	
AG	C5NN-557-A	Ball (H. P. L. lower link) – Category 2		11/60/		2	2	–	
AG	E1ADDN-995242	Retainer (H.P.L. lower link) and spring assy.		11/60/		2	2	–	
AG	E1ADDN-995170	Chain (H.P.L. lower link safety) assy.		11/60/		2	2	–	
AG	E27N-995216	Linch Pin & Ring Assy (H. P. L.)		11/60/		1	1	–	
AG	E1ADDN-995225-B	Linch pin (H.P.L. lower link) and chain assy.		11/60/		2	2	–	
AG	E1ADDN-995299-B	Shackle (H.P.L. check chain)		11/60/		2	2	–	
AG	C5NN-A867-B	Eyebolt (H. P. L. check chain adjusting)		11/60/	Replaces E1ADDN-995187	2	2	–	
AG	34674-S	Locknut		11/60/		2	2	–	
AG	E1ADKN-995192	Nut (H.P.L. check chain adjusting)		11/60/		2	2	–	
AG	E1ADKN–995191-B	Eyebolt (H. P. L. check chain to lower link)		11/60/		2	2	–	
	C5NN–D853-B	Washer (H. P. L. eyebolt to anchor bracket)		11/60/	Repl. E62-QF-9	2	2	–	
AG	34674-S	Nut (H.P.L. eyebolt to lower link)		11/60/		2	2	–	
	E27N-995284	Tommy bar (H.P.L. upper link body)		11/60/		1	1	–	
	E27N-995290	Washer (H.P.L. lower link to mounting bracket)		11/60/		2	2	–	
	E27N-995295	Pin (H.P.L. lifting rod to lower link)		11/60/		2	2	–	
AG	E1ADDN-995179-A	Bracket (H.P.L. check chain anchor) – R.H.		11/60/		1	1	–	
AG	E1ADDN-995179-B	Bracket (H.P.L. check chain anchor) – R.H.		11/60/	Use with Industrial Tractor	1	1	–	
AG	E1ADDN-995180-A	Bracket (H.P.L. check chain anchor) – L.H.		11/60/		1	1	–	
AG	E1ADDN-995180-B	Bracket (H.P.L. check chain anchor) – L.H.		11/60/	Use with Industrial Tractor	1	1	–	
	E1ADDN-995204	Bracket (H.P.L. rocker) and A.C.R. support		11/60/		1	1	–	
AG	34813-S	Lockwasher		11/60/		2	2	–	
AG	116359-ES	Clevis pin (check chain to anchor bracket)		11/60/		2	2	–	
AG	119306-ES	Washer		11/60/		2	2	–	
AG	119933-ES	Clip pin (check chain clevis pin to anchor bracket)		11/60/		2	2	–	
	E241-WP-9	Kit (H.P.L. dual category lower link)		11/60/		1	1	–	
		PUMP, PEDESTAL AND FILTERS							
		Used 52/60/11							
AH	E1ADKN-994567	Seal (H.P.L. pump pedestal bolt)	2	52/60/11		8	8	8	
AH	E1ADKN-994567	Seal (H.P.L. magnetic filter)	2	52/60/11		2	2	2	
	E1ADKN-994567	Seal (rear cover transmission housing) – lower	2	52/60/11		8	8	8	
AH	E1ADKN-994585	Pipe (H.P.L. pump to ram cylinder)		52/60/11	9" long	1	1	1	
	* E1ADDN-994630-D	Pump (H. P. L.) assy		52/60/11	Replaces E1ADDN-994630-A	1	1	1	
	* E1ADDN-998	Kit (H.P.L. pump conversion)		52/60/11		1	1	1	
AH	20430-ESA	Screw (pump to pedestal)		52/60/11		3	3	3	
AH	34808-S36	Lockwasher		52/60/11		3	3	3	
AH	E1ADKN-994649	Gear (H.P.L. pump) – driving		52/60/11	On P.T.O. extension shaft	1	1	1	
	74164-S	Key (gear to P.T.O. extension shaft)		52/60/11		1	1	1	
AH	116517-ES	Seal (H.P.L. pump oil passage) – 1⅛" I.D. – rubber		52/60/11		1	1	1	
AH	87057-ES	Seal (H.P.L. pump oil passage) – 1⅛" I.D. – rubber		52/60/11		3	3	3	
AH	E1ADKN-994661	Gasket (H.P.L. pump pedestal to rear transmission housing)	5	52/60/11		1	1	1	
	E1ADKN-994661	Gasket (rear transmission housing lower cover)	5	52/60/11	See "Rear Transmission"	1	1	1	
	E1ADKN-994664	Ring (H.P.L. pump driving gear lock)	2	52/60/11	On P.T.O. extension shaft	2	2	2	
AH	E1ADKN–994667	Bearing (H. P. L. pump) - front (Not serviced in U.S.)	2	52/60/11		2	2	2	

* When replacing Pump on Tractors prior to Seriel No. 1578886, Kit E1ADDN-998 will be required.



H.P.L. PUMP USED 52/60/11

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—*continued*

P D V

PUMP, PEDESTAL AND FILTERS—*continued*

Used 52/60/11

AH	E1ADKN-994668	Bearing (H.P.L. pump) – rear	2	52/60/11		2 2 2
AH	E1ADKN-994670	Bracket (H.P.L. pump mounting)		52/60/11	In E1ADKN-994630	1 1 1
AH	115656-ES	Screw (bracket to pump body)		52/60/11		1 1 1
AH	118975-ES	Screw (bracket to pump body)		52/60/11		6 6 6
AH	118976-ES	Screw (bracket to pump body)		52/60/11		1 1 1
AH	34808-S36	Lockwasher		52/60/11		8 8 8
AH	116518-ES	Seal (H.P.L. pump oil passage) – 3¼" I.D. rubber		52/60/11		1 1 1
AH	E1ADKN-994683	Gear (H.P.L. pump pressure drive)		52/60/11		1 1 1
AH	E1ADKN-994684	Gear (H.P.L. pump pressure driven)		52/60/11		1 1 1
AH	E1ADKN-994685	Pedestal (H.P.L. pump)		52/60/11		1 1 1
AH	359264-S8	Screw (pedestal to rear transmission housing)		52/60/11		8 8 8
AH	E1ADKN-7021	Dowel (pedestal)	2	52/60/11		4 4 4
AH	Y-24452	Plug (pedestal drain)		52/53/		1 1 1
AH	E1ADKN-994686	Cover (H.P.L. pump pedestal)		52/60/11		1 1 1
AH	20430-ESA	Screw (cover to pedestal)		52/60/11		4 4 4
AH	34808-S36	Lockwasher		52/60/11		4 4 4
AH	E1ADKN-994687	Gasket (H.P.L. pump pedestal cover)	5	52/60/11		1 1 1
AH	E1ADKN-994688	Gear (H.P.L. pump) – driven		52/60/11		1 1 1
AH	74147-ES	Key (gear retaining)		52/60/11		1 1 1

HYDRAULIC POWER LIFT—*continued*

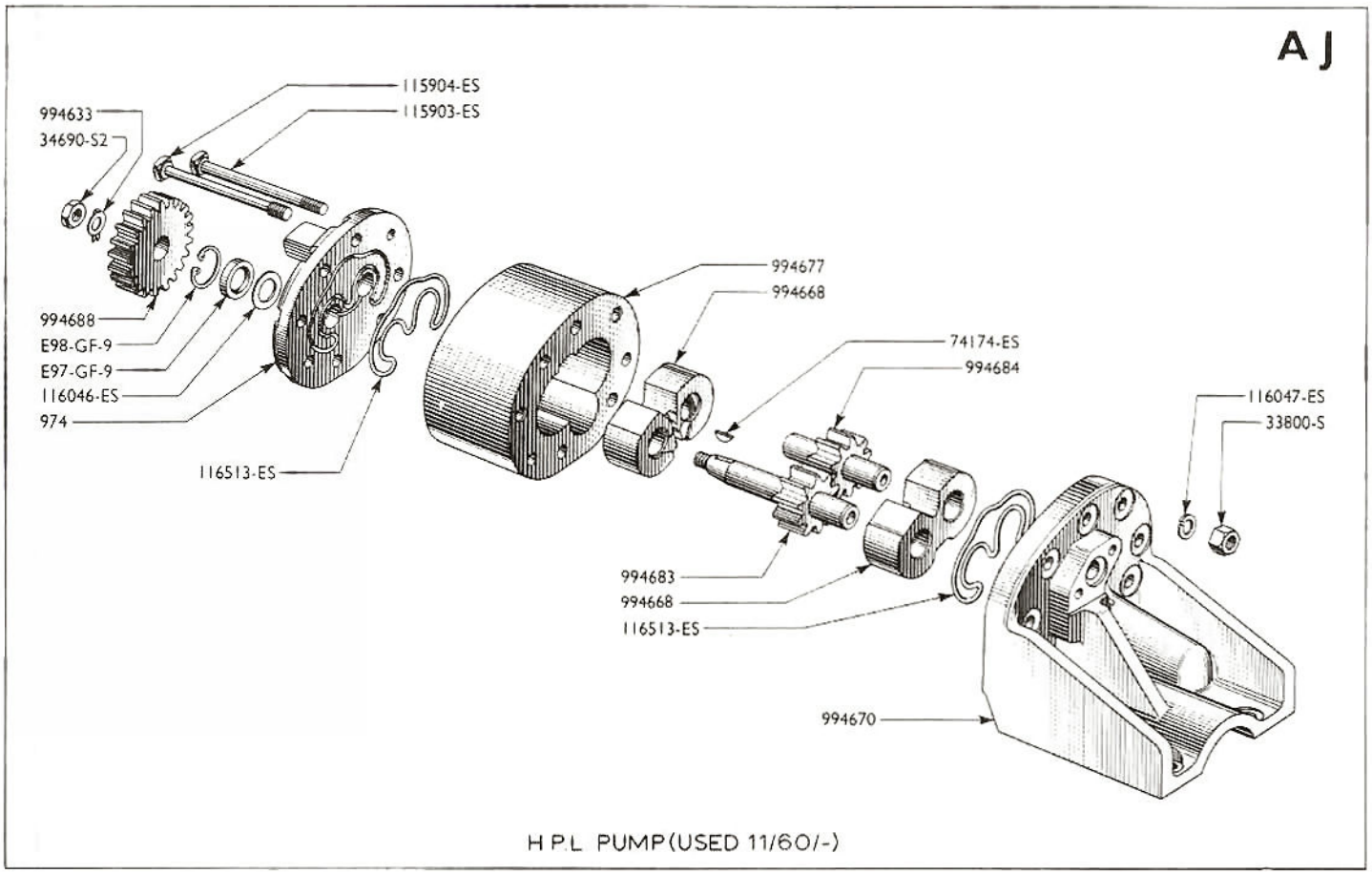
PUMP, PEDESTAL AND FILTERS—*continued*
Used 52/60/11

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AH	E1ADKN-994633	Washer (gear retaining) – tab		52/60/11		1	1	1
AH	87036-ES	Seal (H.P.L. pump to mounting bracket) – 11/16" I.D.		52/60/11		1	1	1
AH	87036-ES	Seal (H.P.L. pump to ram cylinder pipe) – 11/16" I.D.		52/60/11		2	2	2
	116519-ES	Seal (H.P.L. pump oil passage) – 15/16" I.D. – rubber		52/60/11		1	1	1
AH	E1ADKN-994699-A	Plate (H.P.L. pump oil pressure relief)–.1125" to .1130" thick		52/60/11		As reqd.		
AH	E1ADKN-994699-B	Plate (H.P.L. pump oil pressure relief)–.1150" to .1155" thick		52/60/11		As reqd.		
AH	E1ADKN-994699-C	Plate (H.P.L. pump oil pressure relief)–.1175" to .1180" thick		52/60/11		As reqd.		
AH	E1ADKN-994699-D	Plate (H.P.L. pump oil pressure relief)–.1200" to .1205" thick		52/60/11		As reqd.		
AH	E1ADKN-994723	Spring (H.P.L. pump bearing locking)	2	52/60/11		4	4	4
AH	E1ADKN-995016	Filter (H.P.L. pump pedestal magnetic) assy.		52/60/11		2	2	2
AH	E1ADKN-995017	Filter (H.P.L. pump) assy.		52/60/11		1	1	1
AH	E1ADKN-7260	Shaft (power take-off extension) assy.	3	52/60/11		1	1	1

PUMP, PEDESTAL AND FILTERS
Used 11/60/

	* E1ADDN-994630-D	Pum. (H. P. L.) assy		11/60/		1	1	–
	E1ADDN-998	Kit (H. P. L. pump conversion)		11/60		1	1	–
	E1ADKN-994649	Gear (H.P.L. pump) – driving		52/63/6	On P.T.O. extension shaft	1	1	1
AH	E1ADDN-994649	Gear (H.P.L. pump driving)		6/63/		1	1	1
	74164-S	Key (gear to P.T.O. extension shaft)		52/		1	1	1
	E1ADDN-994688-A	Gear (H.P.L. pump) – driven		11/60/63/6		1	1	–
AJ	E1ADDN-994688-B	Gear (H.P.L. pump driven)		6/63/		1	1	–
AJ	74147-ES	Key (gear retaining)		11/60/		1	1	1
	E1ADKN-994664	Ring (H.P.L. pump driving gear lock)	2	52/	On P.T.O. extension shaft	2	2	2
	E1ADKN-994567	Seal (H.P.L. pump pedestal bolt)	2	52/		8	8	8
AH	E1ADKN-994567	Seal (H.P.L. magnetic filter)	2	52/		2	2	2
	E1ADKN-994567	Seal (rear cover transmission housing) – lower	2	52/		8	8	8
	E122-GF-9	Adaptor (H.P.L. pump pipe)		11/60/	Part of E1ADDN-998 Kit	1	1	–
	87035-ESB	Seal (adaptor to pump)		11/60/	Part of E1ADDN-998 Kit	1	1	–
	20486-S2	Screw (adaptor to pump)		11/60/	Part of E1ADDN-998 Kit	2	2	–
	34781-S	Lockwasher		11/60/	Part of E1ADDN-998 Kit	2	2	–
AJ	E1ADDN-994677	Body (H.P.L. pump)		11/60/		1	1	–
AJ	115903-ES	Bolt (H.P.L. pump mounting bracket to pump body)		11/60/		2	2	–
AJ	115904-ES	Bolt (H.P.L. pump mounting bracket to pump body)		11/60/		6	6	–
AJ	33800-S7/8	Nut		11/60/		8	8	–
AJ	116047-ES	Lockwasher		11/60/		8	8	–
	E1ADDN-974-A	Cover (H.P.L. pump)		11/60/63/4		1	1	–
AJ	E1ADDN-974-B	Cover (H.P.L. pump)		4/63/		1	1	–
AJ	116513-ES	Seal (H.P.L. pump cover to pump body)		11/60/		1	1	–
AJ	E97-GF-9	Seal (H.P.L. pump drive shaft)		11/60/		1	1	–
AJ	E98-GF-9	Circlip (H.P.L. pump drive shaft seal)		11/60/		1	1	–
AJ	116046-ES	Washer (H.P.L. pump drive shaft seal)		11/60/		1	1	–
AH	E1ADKN-994685	Pedestal (H.P.L. pump)		11/60/		1	1	1
	359264-S8	Screw (pedestal to rear transmission housing)		11/60/		8	8	8

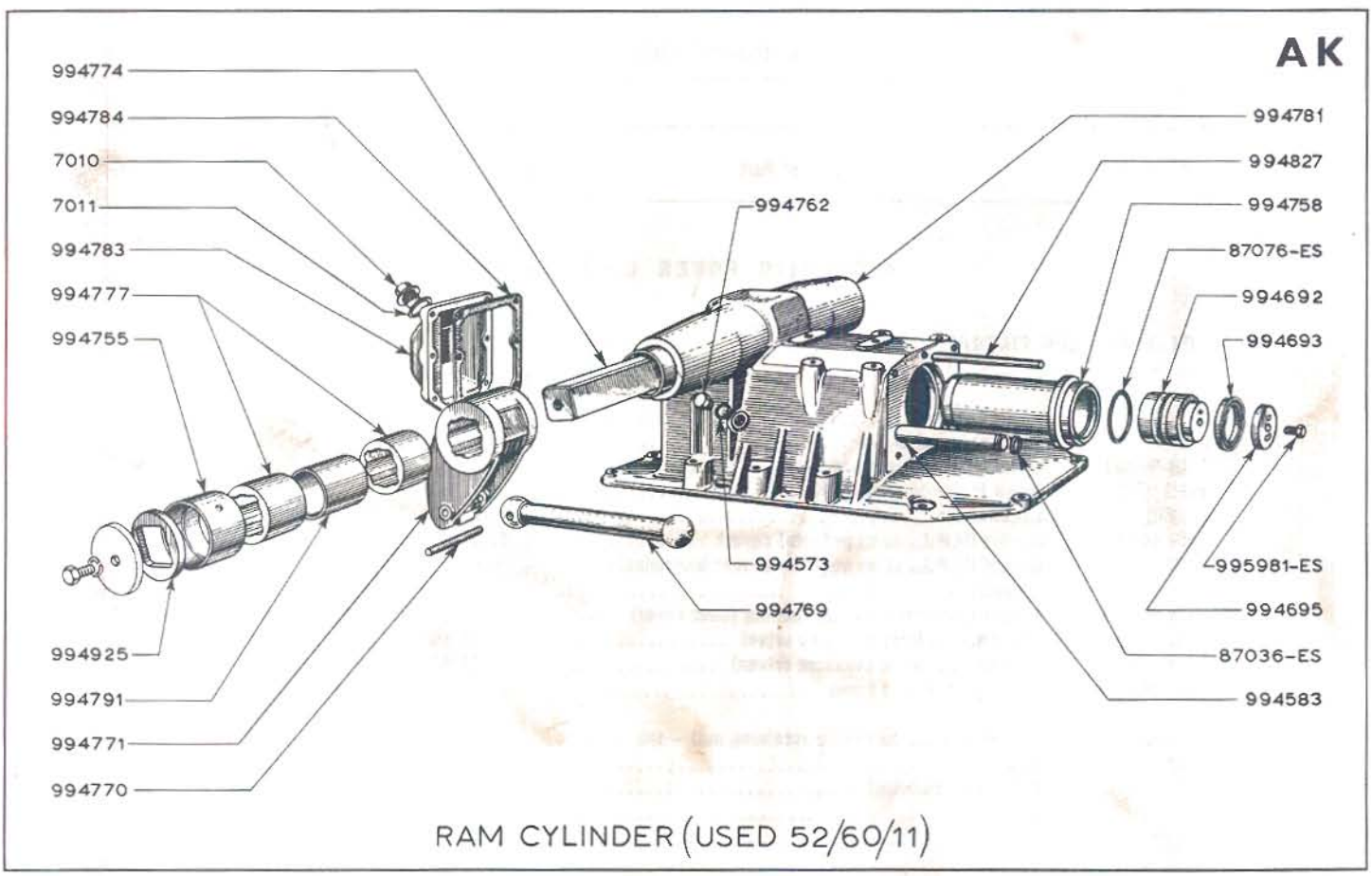
* When using E1ADDN-994630-D to replace E1ADDN-994630-A also furnish (1) E1ADDN-994649



H.P.L. PUMP (USED 11/60/-)

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.		
						P	D	V
		HYDRAULIC POWER LIFT — *continued*						
		PUMP, PEDESTAL AND FILTERS *Used from 11/60/*						
	E1ADKN-7021	Dowel (pedestal)	2	11/60/		4	4	4
AH	Y-24452	Plug (pedestal drain)		52/53		1	1	1
AH	E1ADKN-994686	Cover (H.P.L. pump pedestal)		11/60/		1	1	1
	20430-ES	Screw (cover to pedestal)		11/60/		4	4	4
	34808-S7/8	Lockwasher		11/60/		4	4	4
AH	E1ADKN-994687	Gasket (H.P.L. pump pedestal cover)	5	11/60/		1	1	1
AH	E1ADKN-994661	Gasket (H.P.L. pump pedestal to rear transmission housing)	5	52/		1	1	1
	E1ADKN-994661	Gasket (rear transmission housing lower cover)	5	52/	See "Rear Transmission"	1	1	1
AJ	E1ADDN-994683	Gear (H.P.L. pump pressure drive)		11/60/		1	1	–
AJ	E1ADDN-994684	Gear (H.P.L. pump pressure driven)		11/60/		1	1	–
AJ	E1ADDN–994668-B	Bearing (H. P. L.) Pump		11/60	Replaces E1ADDN–994667 & E1ADDN-994668-A	2	2	–
AJ	957E-994633	Washer (H.P.L. pump gear retaining nut) – tab		11/60/		1	1	–
AJ	34690-S2	Nut		11/60/		1	1	–
AJ	74174-ES	Key (gear retaining)		11/60/		1	1	–

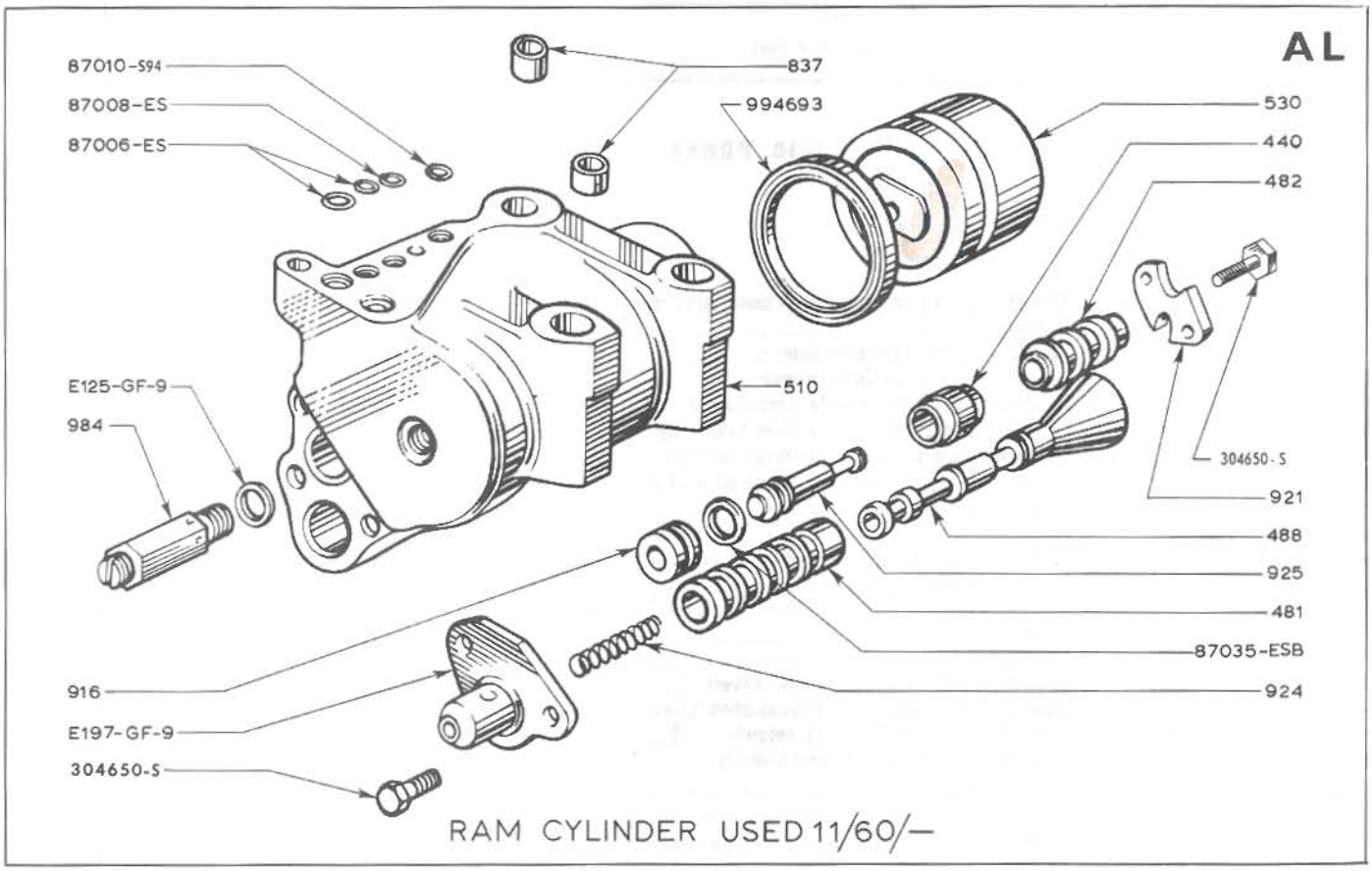
No. Illus.	Part No.	Name of Part	Scaling %	Range Year	Remarks	Req. Qty. P	D	V
		HYDRAULIC POWER LIFT — *continued*						
		PUMP, PEDESTAL AND FILTERS — *continued*						
		Used from 11/60/						
AJ	E1ADDN-994670-B	Bracket (H. P. L. pump)		11/60		1	1	–
AJ	116513-ES	Seal (H.P.L. pump bracket to pump body)		11/60/63/6		1	1	–
	116564-ES	Seal (H.P.L. pump to body)		6/63/		1	1	–
AH	E1ADKN-995016	Filter (H.P.L. pump pedestal magnetic) assy.		52/		2	2	2
AH	E1ADKN-995017	Filter (H.P.L. pump) assy.		52/		1	1	1
AK	E1ADKN-994573	Seal (H.P.L. ram cylinder oil passage) – ½" B.S.P. – composite		52/60/11		1	1	1
AK	E1ADKN-994583	Pipe (H.P.L. ram cylinder to valve gear)		52/60/11	8½" long	1	1	1
AK	E1ADKN-994692	Piston (H.P.L. ram cylinder)	2	52/60/11		1	1	1
AK	E27N-994693-B	Gland (H.P.L. ram cylinder piston)	70	52/60/11		1	1	1
AK	87036-ES	Seal (H.P.L. ram cylinder to valve gear pipe)–$^{13}/_{16}$" I.D.		52/60/11		2	2	2
AK	E27N-994695-B	Retainer (H.P.L. ram cylinder piston gland)	10	52/60/11		1	1	1
AK	995981-ES	Screw (retainer to piston)		52/60/11		1	1	1
AK	E1ADKN-994755	Bush (H.P.L. ram cylinder cross-shaft bearing)	2	52/60/11	In E1ADKN-994781	4	4	4
AK	E1ADKN-994758	Cylinder (H.P.L. ram)	2	52/60/11		1	1	1
AK	87076-ES	Gland (H.P.L. ram cylinder)		52/60/11		1	1	1
AK	E1ADKN-994762-B	Plug (H.P.L. ram cylinder oil passage) – ½" B.S.P.	2	52/60/11		1	1	1
AK	E1ADKN-994769-A	Rod (H.P.L. ram cylinder piston connecting) assy.		52/60/11		1	1	1



RAM CYLINDER (USED 52/60/11)

HYDRAULIC POWER LIFT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		RAM CYLINDER *Used 52/60/11*						
AK	E1ADKN-994770	Pin (H.P.L. ram cylinder piston connecting rod to crank arm)	2	52/60/11		1	1	1
AK	E1ADKN-994771	Arm (H.P.L. ram cylinder crank)		52/60/11		1	1	1
AK	E1ADKN-994774	Shaft (H.P.L. ram cylinder cross)		52/60/11		1	1	1
AK	E1ADKN-994777	Bearing (H.P.L. ram cylinder cross-shaft)		52/60/11		4	4	4
AK	E1ADKN-994781	Housing (H.P.L. ram cylinder) and bush assy.		52/60/11		1	1	1
	20546-S2	Screw (housing to rear transmission housing) – long		52/60/11		6	6	6
	359264-S8	Screw (housing to rear trans. housing) – short		52/60/11		7	7	7
	34808-S36	Lockwasher		52/60/11		13	13	13
	353026-A2-S8	Lubricator		52/60/11		2	2	2
AK	E1ADKN-994783	Cover (H.P.L. ram cylinder rear)		52/60/11		1	1	1
	20408-S7/8	Screw (cover to housing)		52/60/11		7	7	7
	34807-S36	Lockwasher		52/60/11		7	7	7
AK	E27N-7010-C	Plug (oil filter)	3	52/60/11		7	7	7
AK	E27N-7011-B	Gasket (oil filler plug)	5	52/60/11		1	1	1
AK	E1ADKN-994784	Gasket (H.P.L. ram cylinder rear cover)	5	52/60/11		1	1	1
AK	E1ADKN-994791	Spacer (H.P.L. ram cylinder cross-shaft bearing)		52/60/11		2	2	2
AK	E1ADKN-994827	Pipe (H.P.L. ram cylinder oil return)		52/60/11		1	1	1
AK	E1ADKN-994925	Seal (H.P.L. ram cylinder cross-shaft)		52/60/11		2	2	2



RAM CYLINDER USED 11/60/—

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—*continued*

P D V

RAM CYLINDER
Used from 11/60/

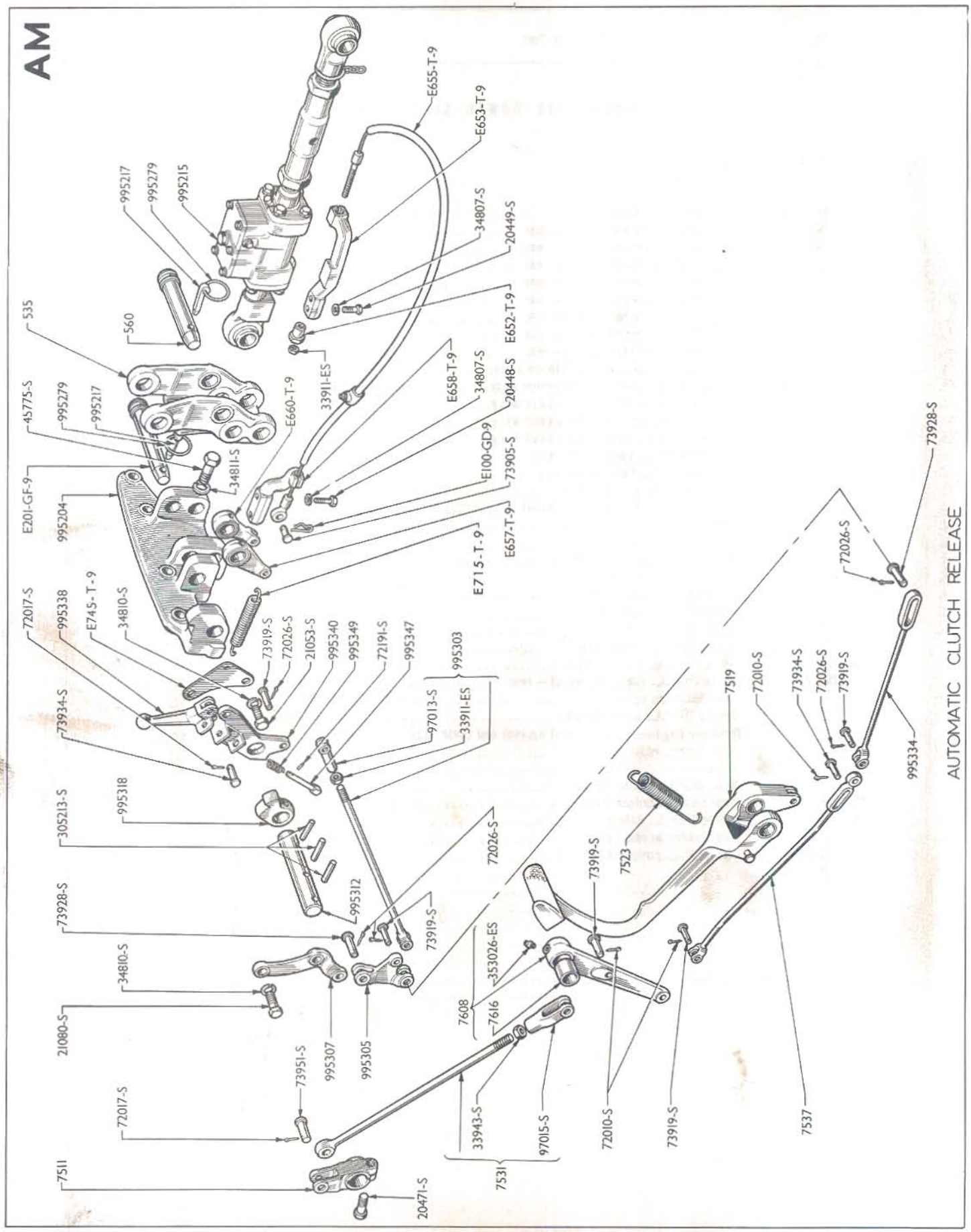
AL	C7NN-440-A	Bush (H. P. L. unload valve) – front		11/60/	1.0002/1.0004" White	1 1 –
AL	957E-440-B	**Bush (H.P.L. unload valve) – front**		**11/60/**	**1.0004/1.0006" Blue**	**1 1 –**
AL	C7NN-440-C	Bush (H. P. L. unload valve) – front		11/60/	1.0006/1.0008" Yellow	1 1 –
AL	957E-440-D	**Bush (H.P.L. unload valve) – front**		**11/60/**	**1.0008/1.0010" Green**	**1 1 –**
AL	957E-440-E	**Bush (H.P.L. unload valve) – front**		**11/60/**	**1.0010/1.0012" Orange**	**1 1 –**
AL	957E-440-F	**Bush (H.P.L. unload valve) – front**		**11/60/**	**1.0000/1.0002" Blue/White**	**1 1 –**
AL	957E-440-G	**Bush (H.P.L. unload valve) – front**		**11/60/**	**1.0012/1.0014" Green/White**	**1 1 –**
AL	957E-440-H	**Bush (H.P.L. unload valve) – front**		**11/60/**	**1.0014/1.0016" Red/White**	**1 1 –**
AL	E1ADDN-481-A	Bush (H. P. L. unload valve)		11/60/	1.0000/1.0002" Blue/White	1 1 –
AL	E1ADDN-481-B	Bush (H. P. L. unload valve)		11/60/	1.0002/1.0004" White	1 1 –
AL	E1ADDN-481-C	Bush (H. P. L. unload valve)		11/60/	1.0004/1.0006" Blue	1 1 –
AL	E1ADDN-481-D	Bush (H. P. L. unload valve)		11/60/	1.0006/1.0008" Yellow	1 1 –
AL	E1ADDN-481-E	Bush (H. P. L. unload valve)		11/60	1.0008/1.0010" Green	1 1 –
AL	E1ADDN-481-F	Bush (H. P. L. unload valve)		11/60/	1.0010/1.0012" Orange	1 1 –
AL	E1ADDN-481-G	**Bush (H.P.L. unload valve)**		**11/60/**	**1.0012/1.0014" Green/White**	**1 1 –**

HYDRAULIC POWER LIFT—*continued*

RAM CYLINDER—*continued*

Used from 11/60

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AL	E1ADDN-481-H	Bush (H.P.L. unload valve)		11/60/	1.0014/1.0016" Red/White	1	1	–
AL	957E-482-A	Bush (H.P.L. unload valve) – rear		11/60/	1.0002/1.0004" White	1	1	–
AL	957E-482-B	Bush (H.P.L. unload valve) – rear		11/60/	1.0004/1.0006" Blue	1	1	–
AL	957E-482-C	Bush (H.P.L. unload valve) – rear		11/60/	1.0006/1.0008" Yellow	1	1	–
AL	957E-482-D	Bush (H.P.L. unload valve) – rear		11/60/	1.0008/1.0010" Green	1	1	–
AL	957E-482-E	Bush (H.P.L. unload valve) – rear		11/60/	1.0010/1.0012" Orange	1	1	–
AL	957E-482-F	Bush (H.P.L. unload valve) – rear		11/60/	1.0000/1.0002" Blue/White	1	1	–
AL	957E-482-G	Bush (H.P.L. unload valve) – rear		11/60/	1.0012/1.0014" Green/White	1	1	–
AL	957E-482-H	Bush (H.P.L. unload valve) – rear		11/60/	1.0014/1.0016" Red/White	1	1	–
AL	E1ADDN-488-L	Valve (H.P.L. control) and sleeve assy.		11/60/	.5917/.5919" White	1	1	–
AL	E1ADDN-488-M	Valve (H.P.L. control) and sleeve assy.		11/60/	.5919/.5921" Blue	1	1	–
AL	E1ADDN-488-N	Valve (H.P.L. control) and sleeve assy.		11/60/	.5921/.5923" Yellow	1	1	–
AL	E1ADDN-488-P	Valve (H.P.L. control) and sleeve assy.		11/60/	.5925/.5926" Green	1	1	–
AL	E1ADDN-488-R	Valve (H.P.L. control) and sleeve assy.		11/60/	.5927/.5928" Orange	1	1	–
	E1ADDN-477-A	Cylinder (H.P.L.) and valve assy.		11/60/63/6		1	1	–
AC	E1ADDN-477-B	Cylinder (H.P.L.) and valve assy		6/63/		1	1	–
AL	E1ADDN-530	Piston (H.P.L. ram cylinder)		11/60/		1	1	–
AL	E1ADDN-994693	Gland (H.P.L. ram cylinder piston)		11/60/		1	1	–
AL	957E-837	Ring (H.P.L. cylinder dowel)		11/60/		2	2	–
AL	C5NN-916-B	Plug (H. P. L. unload valve)		11-60/	1.0002/1.0004" White	1	1	–
AL	957E-916-B	Plug (H.P.L. unload valve)		11/60/	1.0004/1.0006" Blue	1	1	–
AL	C5NN-916-C	Plug (H. P. L. unload valve)		11/60/	1.0006/1.0008" Yellow	1	1	–
AL	957E-916-D	Plug (H.P.L. unload valve)		11/60/	1.0008/1.0010" Green	1	1	–
AL	957E-916-E	Plug (H.P.L. unload valve)		11/60/	1.0010/1.0012" Orange	1	1	–
AL	C5NN-916-F	Plug (H. P. L. unload valve)		11/60/	1.0000/1.0002" Blue/White	1	1	–
AL	957E-916-G	Plug (H.P.L. unload valve)		11/60/	1.0014/1.0016" Red/White	1	1	–
AL	C5NN-916-H	Plug (H. P. L. unload valve)		11/60/	Red/White	1	1	–
AL	E1ADDN-921	Plate (H.P.L. valve retaining) – rear		11/60/		1	1	–
AL	304650-S36	Bolt (plate to cylinder)		11/60/		2	2	–
AL	957E-924-B	Spring (H.P.L. valve control)		11/60/		1	1	–
AL	E197-GF-9	Retainer (Hydraulic lift control spring) and plate assy		11/60/		1	1	–
AL	304650-S36	Bolt (plate retaining)		11/60/		2	2	–
AL	C5NN-925-A	Valve (H. P. L. unload)		11/60/	Replaces 957E-925	1	1	–
AL	87035-ESB	Seal (H.P.L. unload valve)		11/60/		1	1	–
AL	87035-ESB	Seal (H.P.L. unload valve)		11/60/		1	1	–
AL	E1ADDN-984	Valve (H.P.L. safety)		11/60/		1	1	–
AL	E125-GF-9	Seal (valve to ram cylinder)		11/60/		1	1	–
	E1ADDN-998	Kit (H.P.L. pump conversion)		11/60/		1	1	–


AM
AUTOMATIC CLUTCH RELEASE
995217
995279
995215
E655-T-9
E653-T-9
34807-S
20449-S
560
535
E652-T-9
45775-S
995279
995217
E660-T-9
33911-ES
E658-T-9
34807-S
20448-S
34811-S
E201-GF-9
995204
E100-GD-9
73905-S
E657-T-9
E715-T-9
72017-S
995338
E745-T-9
34810-S
73919-S
72026-S
21053-S
995340
995349
72191-S
995347
995303
73934-S
97013-S
33911-ES
305213-S
995318
995312
73928-S
34810-S
21080-S
73951-S
72017-S
7511
20471-S
995307
995305
7608
7616
353026-S
72026-S
73919-S
33943-S
97015-S
7531
7523
73919-S
72010-S
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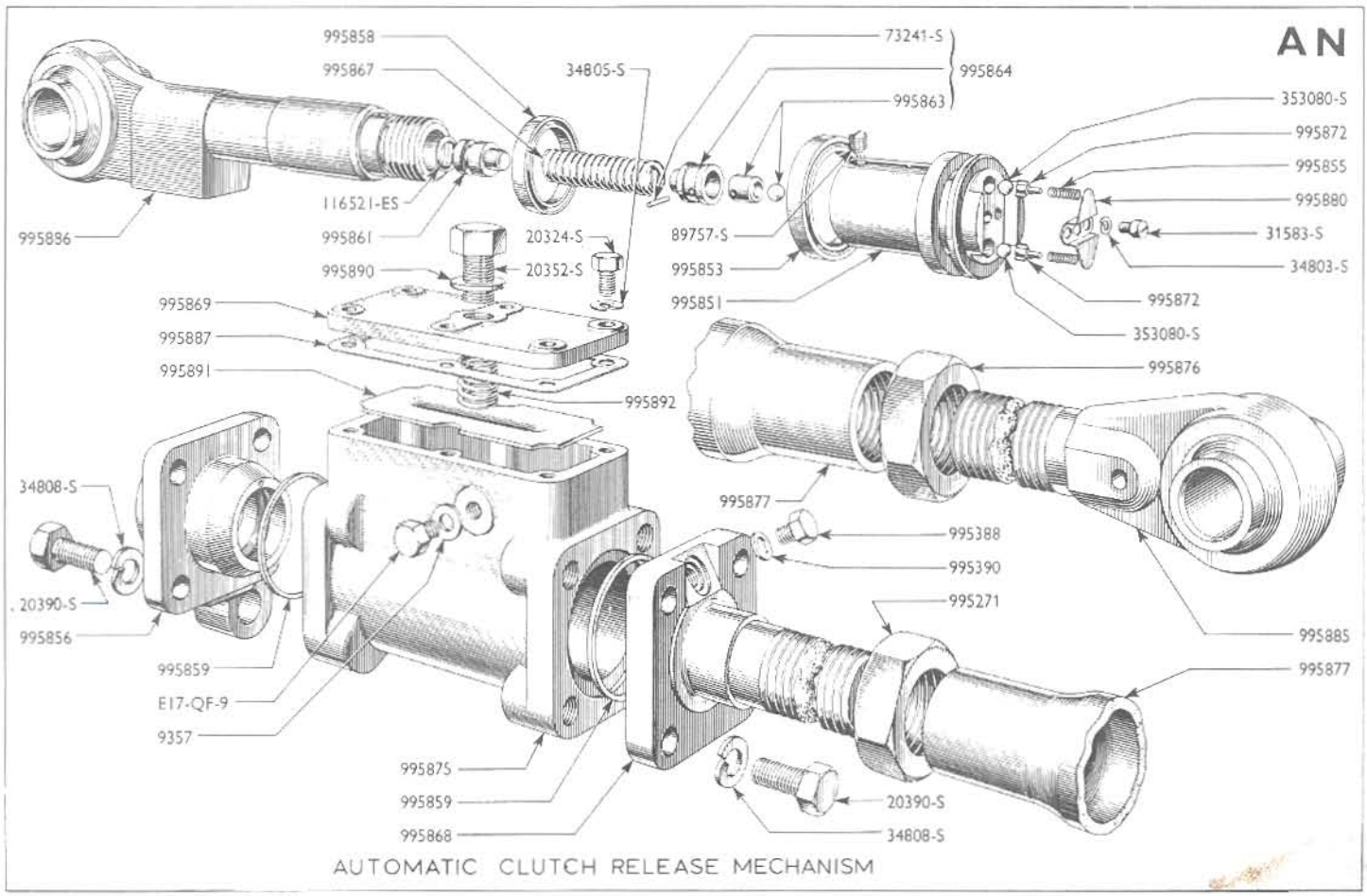
73928-S
995334



Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—*continued*

P D V

AUTOMATIC CLUTCH RELEASE

AM Y	E1ADKN-995303-B	Rod (A.C.R. bell crank lever to sector) assy	52/	Replaces E1ADKN-995303-A	1	1	–
AM	97013-S2	Clevis (adjustable)	52/63/6		1	1	1
AM	33911-ES2	Locknut	52/		1	1	–
AM	73919-S7/8	Clevis pin	52/		2	2	2
AM	72026-S7/8	Split pin	52/		2	2	2
AM	E1ADKN-995305	Lever (A.C.R. bell crank)	52/		1	1	1
AM	732928-S	Clevis pin (lever to mounting bracket)	52/		1	1	1
	72026-S7/8	Cotter	52/		1	1	1
AM	E1ADKN-995307	Bracket (A.C.R. bell crank lever mounting)	52/	On rear axle	1	1	1

HYDRAULIC POWER LIFT—*continued*

AUTOMATIO OLUTOH RELEASE—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AM	21080-S	Screw (bracket to rear axle housing)		52/		2	2	2
AM	34810-S2	Lockwasher		52/		2	2	2
	E1ADKN-995309	Buffer (automatic clutch release)		52/60/11		1	1	1
	E27N-995311	Lever (A.C.R. buffer to shaft)		52/60/11		2	2	2
	305213-S	Pin (lever to shaft)		52/60/11		2	2	2
AM	305213-S	Pin (lever to shaft)		11/60/		2	2	–
	E1ADKN-995312	Shaft (A.C.R. buffer lever to sector arm)		52/60/11		1	1	1
AM	E1ADDN-995312	Shaft (A.C.R. lever)		11/60/		1	1	–
AM	E1ADKN-995318	Arm (A.C.R. release sector operating)		52/		1	1	1
	305213-S	Pin (arm to shaft)		52/60/11		1	1	1
AM	305213-S	Pin (arm to shaft)		11/60/		1	1	–
AM	E657-T-9	Lever (A.C.R. spring operating)		11/60/		1	1	–
AM	E660-T-9	Lever (A.C.R. cable operating)		11/60/		1	1	–
AM	305213-S	Tension pin (A.C.R. spring operating lever to shaft)		11/60/		1	1	–
	305213-S	Tension pin (A.C.R. cable operating lever to shaft)		11/60/		1	1	–
AM	E655-T-9	Cable (A.C.R.) assy.		11/60/		1	1	–
AM	E652-T-9	Adjuster (A.C.R. cable)		11/60/		1	1	–
AM	33911-ES2	Nut (A.C.R. cable adjuster) – lock		11/60/		1	1	–
AM	E658-T-9	Support (A.C.R. cable) – lower		11/60/		1	1	–
AM	20448-S7/8	Bolt (cable support to H.P.L. bracket)		11/60/		2	2	–
AM	34807-S36	Lockwasher		11/60/		2	2	–
AM	E653-T-9	Support (A.C.R. cable) – upper		11/60/		1	1	–
AM	20449-S2	Bolt (cable support to A.C.R.)		11/60/		2	2	–
AM	34807-S36	Lockwasher		11/60/		2	2	–
AM	73905-S7/8	Clevis pin (A.C.R. cable to operating lever)		11/60/		1	1	–
AM	E100-GD-9	Clip pin		11/60/		1	1	–
AM	E745-T-9	Bracket (A.C.R. spring retaining)		11/60/		1	1	–
AM	21053-S	Bolt (spring retaining bracket to housing)		11/60/		2	2	–
AM	34810-S2	Lockwasher		11/60/		2	2	–
AM	E715-T-9	Spring (A.C.R. return)		11/60/		1	1	–
	E1ADKN-995334	Rod (A.C.R. bell crank lever to clutch release) assy.		52/60/11		1	1	1
AM	E1ADDN-995334-B	Rod (A.C.R. bell crank lever to clutch release clevis)		11/60/	Replaces E1ADDN-995334-A	1	1	1
AM	73928-S	Clevis pin – rear		52/		1	1	1
AM	73919-S7/8	Clevis pin – front		52/		1	1	1
AM	72026-S7	Split pin		52/		2	2	2
	E1ADKN-7537-C	Rod (clutch pedal to balance lever) assy.		52/60/11		1	1	1
AM	E1ADDN-7537-C	Rod (clutch pedal to balance lever) assy.		11/60/		1	1	–
AM	■■ E1ADDN-7537-D	Rod (clutch pedal to balance lever) assy.		11/60/		1	1	–
AM	E1ADDN-995338	Lever (A.C.R. release plunger hand)		11/60/		1	1	–
	E1ADKN-995338	Lever (A.C.R. release plunger hand)		52/60/1		1	1	1
AM	E1ADKN-995340	Sector (A.C.R. release) assy.		52/		1	1	1
AM	E27N-995347	Plunger (A.C.R. release sector)		52/		2	2	2
AM	73934-S2	Clevis pin (A.C.R. hand plunger to sector)		11/60/		1	1	–
AM	72017-S	Split pin		11/60/		1	1	–
AM	E27N-995349	Spring (A.C.R. release sector plunger)		52/		2	2	2
AM	72191-ESB	Pin (A.C.R. plunger)		11/60/		2	2	–
AN	E27N-995388	Plug (A.C.R. cylinder air bleed)		52/57/11		1	1	1
AN	E27N-995388	Plug (A.C.R. cylinder fluid level adjusting)		52/		1	1	1
AN	E17-QF-9	Plug (A.C.R. cylinder air bleed)		11/57/		1	1	1
AN	BE-9357	Washer (A.C.R. cylinder fluid level adjusting plug)		52/		1	1	1
AN	E27N-995390	Washer (A.C.R. cylinder air bleed plug)		52/		1	1	1

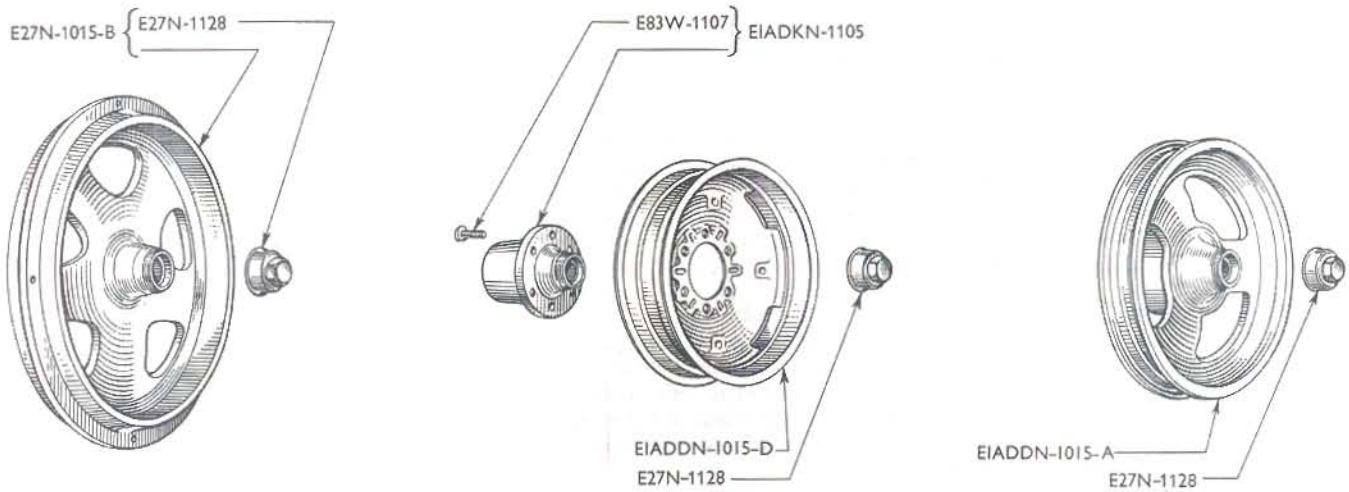
■■ Use with Live Power Take-off

HYDRAULIC POWER LIFT — *continued*

AUTOMATIC CLUTCH RELEASE — *continued*

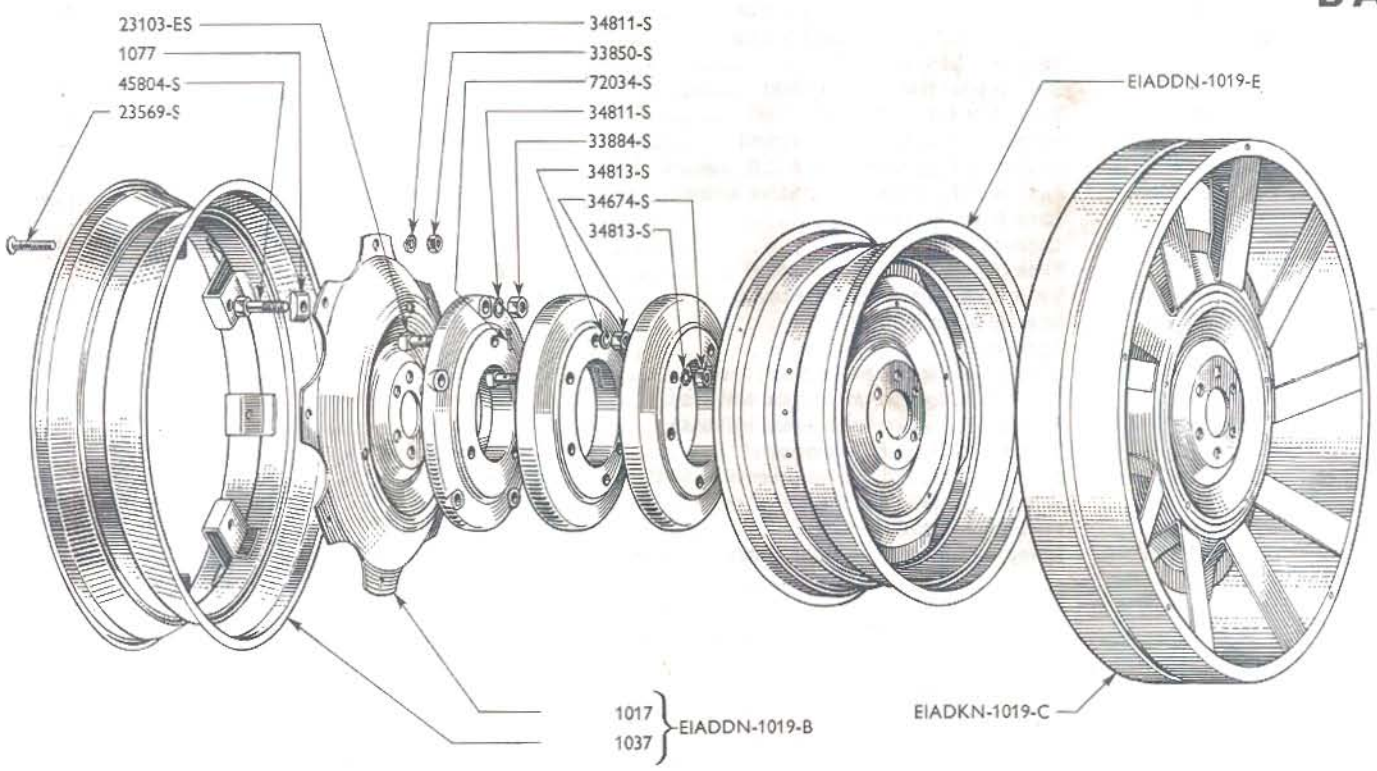
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AN	E27N-995851	Piston (A.C.R. cylinder)		52/		1	1	1
AN	89757-S	Screw (piston to piston rod)		52/		1	1	1
AN	E27N-995853	Seal (A.C.R. cylinder piston)	3	52/		1	1	1
AN	E1ADKN-995855	Spring (A.C.R. cylinder filler valve)		52/		1	1	1
	E27N-995856	Cover (A.C.R. cylinder front)		52/60/11		1	1	1
AN	E1ADDN-995856	Cover (A.C.R. cylinder front)		11/60/		1	1	–
AN	20390-S7/8	Screw (cover to cylinder)		52/		4	4	4
AN	34808-S	Lockwasher		52/		4	4	4
AN	E27N-995858	Seal (A.C.R. cylinder piston rod)	3	52/		1	1	1
AN	E27N-995859	Seal (A.C.R. cylinder front and rear cover)	2	52/		2	2	2
	E27N-995860	Adjuster (A.C.R. cylinder relief valve spring)		52/		1	1	1
AN	E27N-995861	Piston (A.C.R. cylinder relief valve spring adjuster)		52/		1	1	1
AN	116521-ES	Seal (A.C.R. cylinder relief valve spring adjuster piston)		52/		1	1	1
AN	E27N-995863	Housing (A.C.R. cylinder relief valve) and valve assy.		52/		1	1	1
AN	73241-S	Pin (housing to piston)		52/		1	1	1
AN	E27N-995864	Valve (A.C.R. cylinder relief) assy.		52/		1	1	1
AN	E27N-995867	Spring (A.C.R. cylinder relief valve)		52/		1	1	1
AN	E27N-995868	Cover (A.C.R. cylinder rear)		52/		1	1	1
AN	20390-S7/8	Screw (rear cover to cylinder)		52/		4	4	4
AN	34808-S36	Lockwasher		52/		4	4	4
AN	E27N-995869	Cover (A.C.R. cylinder top)		52/		1	1	1
AN	20324-S7/8	Screw (top cover to cylinder)		52/		6	6	6
AN	34805-S7	Lockwasher		52/		6	6	6
AN	E1ADKN-995872	Cage (A.C.R. cylinder filler valve)		52/		2	2	2
AN	353080-S	Ball (filler valve)		52/		2	2	2
AN		Cylinder (automatic clutch release) NOT SERVICED		52/		1	1	1
AN	E27N-995876	Lock nut (H.P.L. upper link) – rear		52/		1	1	1
AN	E27N-995271	Lock nut (H.P.L. upper link) – front	5	52/		1	1	1
AN	E27N-995877	Body (H.P.L. upper link)		52/		1	1	1
	E14-QF-9	Body (pre-set linkage upper link)		3/55/60/11		1	1	1
	E15-QF-9	Sleeve (pre-set linkage upper link)		3/55/60/11		1	1	1
	E1ADKN-995203-B	Bracket (H.P.L. upper link support)		52/		1	1	1
	E1ADDN-995204-B	Bracket (H.P.L. rocker) and A.C.R. support		11/60/		1	1	–
AN	E1ADKN-995880	Plate (A.C.R. cylinder filler valve spring)		52/		1	1	1
AN	31583-S7/8	Screw (plate to piston)		52/		2	2	2
AN	34803-S7	Lockwasher		52/		2	2	2
	E27N-995881	Plate (A.C.R. cylinder attachment)	2	52/60/11		1	1	1
	20410-S2	Screw (plate to cylinder front cover)		52/59/1		1	1	1
	115819-ES-8	Screw (plate to front cover)		1/59/60/11		1	1	–
	34808-S36	Lockwasher		52/60/11		1	1	1
AN	E27N-995885	Link (H.P.L. upper rear) and ball assy.		52/		1	1	1
	E27N-995886	Rod (A.C.R. cylinder piston) and ball assy.	2	52/60/11		1	1	1
AN	E1ADDN-995886	Rod (A.C.R. cylinder piston) and ball assy.		11/60/		1	1	–
AN	E27N-995887	Gasket (A.C.R. cylinder top cover)		52/		2	2	2
AN	E27N-995890	Washer (A.C.R. cylinder top cover filler bolt)		52/		1	1	1
AN	20352-S	Bolt (A.C.R. cylinder top cover filler)		52/		1	1	1
AN	E27N-995891	Plate (A.C.R. cylinder baffle)		52/		1	1	1
AN	E27N-995892	Spring (A.C.R. cylinder baffle plate)		52/		1	1	1

BA

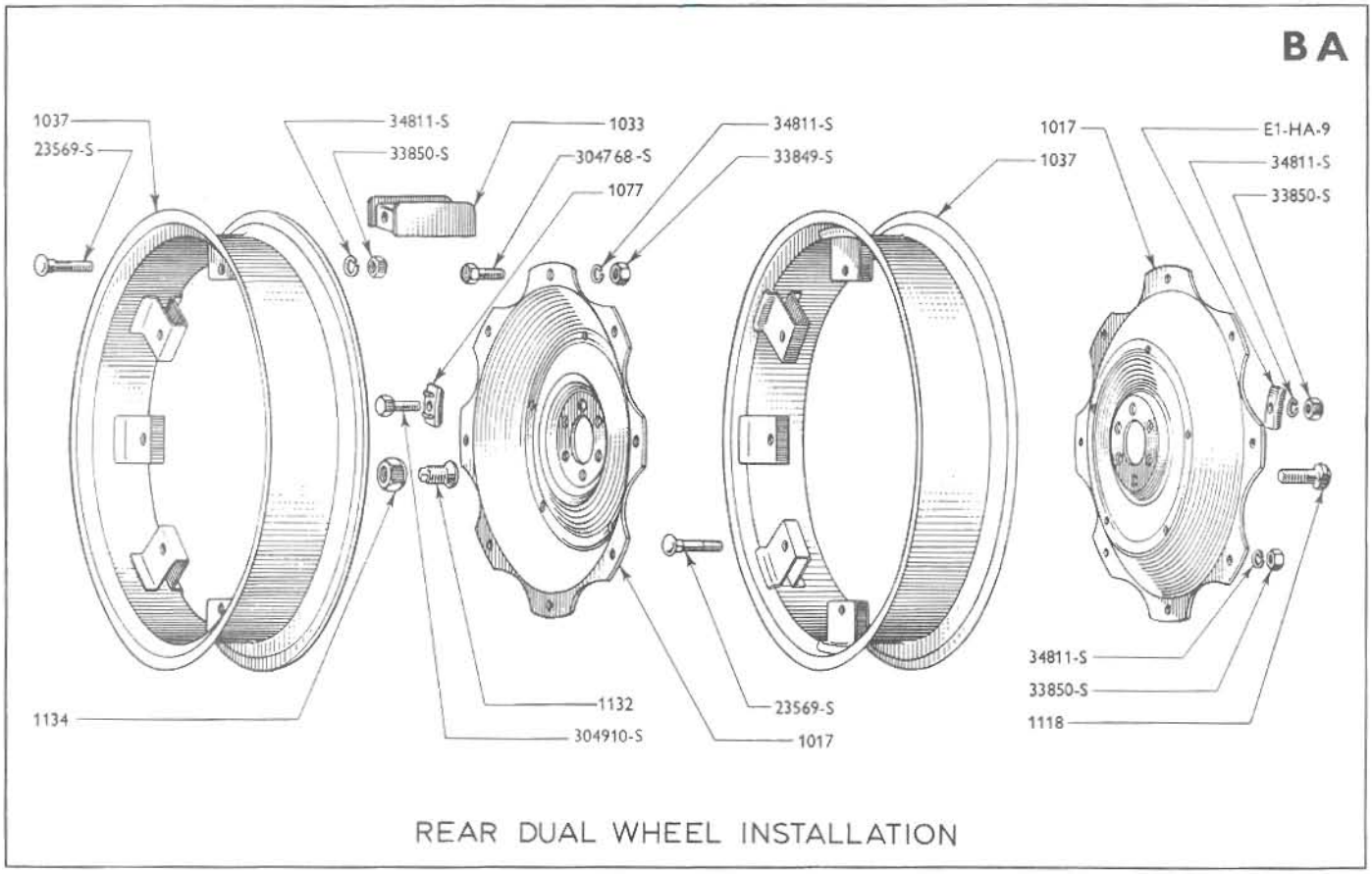


FRONT WHEELS

BA



REAR WHEELS



REAR DUAL WHEEL INSTALLATION

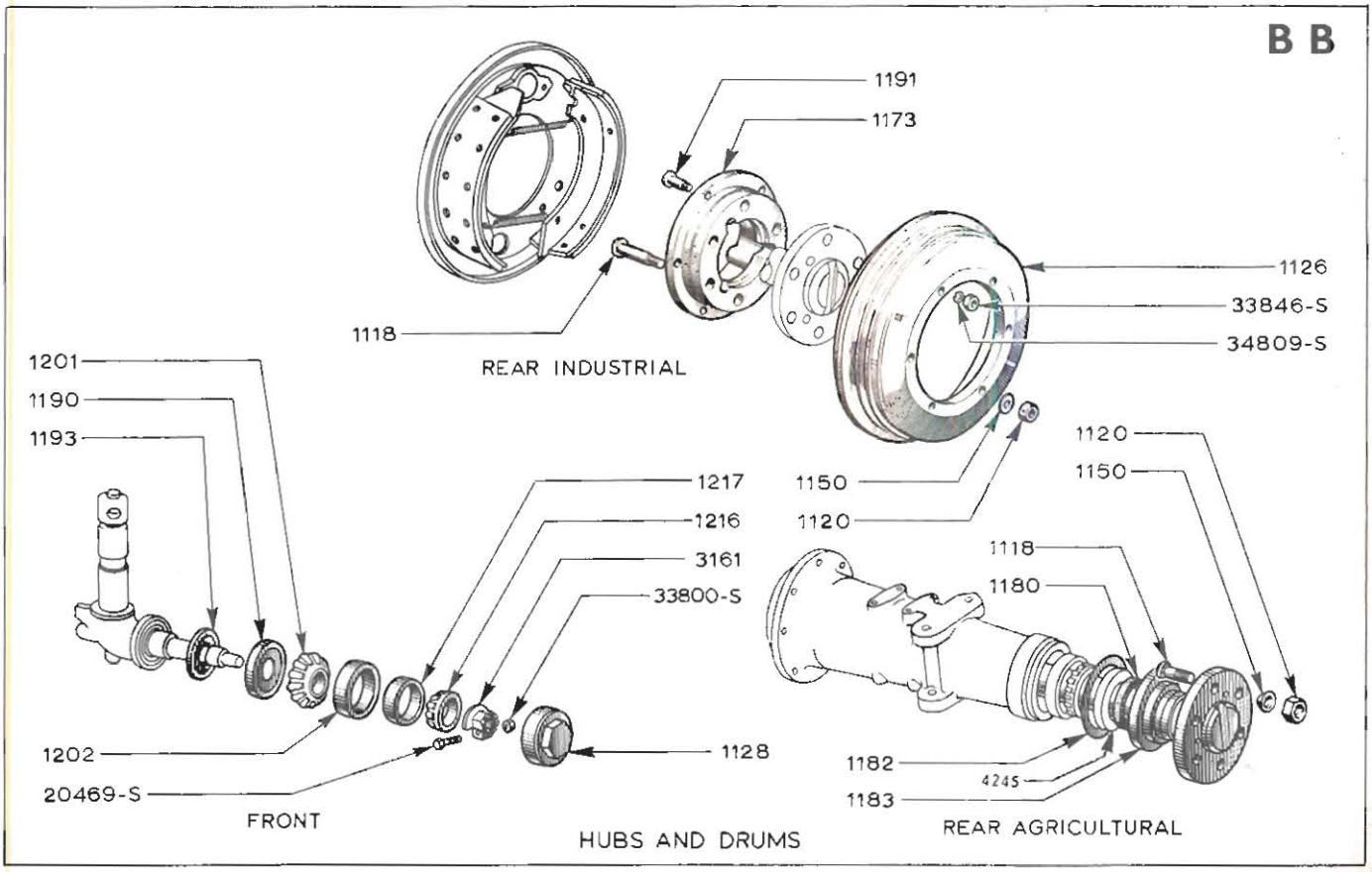
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.
		WHEELS				P D V
	C5NN–1012-A	Nut (front wheel hub)		52/	Replaces E1ADKN-1012	12 12 12
BA	⊕ E1ADDN–1015-B	**Wheel (front) assy.**		**6/63/**	**7.50 x 16 tyres**	**2 2 2**
BA	E1ADDN–1015-D	Wheel (front) assy. (3.62 x 19)		6/63/	6.00 x 19 tyres	2 2 2
	⊕ E1ADKN–1015-B	Wheel (front) assy. – less hub	2	52/63/6	7.50 – 16 tyres	2 2 2
	353026-S7/8	**Lubricator (front wheel)**		**52/**		**2 2 2**
	#E21–HA-9	Weight (front wheel)		52/	Repl. E5-HA-9	2 2 2
	#23108-S	Bolt (weight to wheel) – front		52/	Part of E400-WP-9	8 8 8
	#33845-S7/8	Nut		52/		8 8 8
	#34809-S36	Lockwasher		52/		8 8 8
	#34809-S7	Lockwasher		52/		8 8 8
BA	‡ E27N –1017-C	**Disc (rear wheel) – 8-hole**	3	**52/**		**2 2 2**
BA	23569-S	**Bolt (disc to wheel rim)**		**52/**		**20/16 20/16 20/16**
BA	33850-S2	**Nut**		**52/**		**20/16 20/16 20/16**
BA	34811-S7/8	**Lockwasher**		**52/**		**20/16 20/16 20/16**
	C5NN-1007-A	Wheel (Front) Assy		52/	U.S. only	– 2 –

Use with E1ADKN-1015-B Wheels - When requested accessory.
⊕ **Export only.** ‡ **With E27N–1019-D and E1ADKN–1019-A.**

WHEELS — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
BA	E1ADDN–1019-B	Wheel (rear) and disc assy		52/	Pneumatics 11-36 Replaces E27N-1019-D	2	2	–
	⊕E1ADDN–1019-C	Wheel (rear) and disc assy		52/	Pneumatics 11-38 Replaces E1ADKN-1019-A	2	2	–
BA	⊕E1ADDN–1019-D	Wheel (rear) assy - Riveted type		52/	Pneumatics 12-30 Replaces E1ADKN-1019-B.	2	2	–
	E1ADDN–1019-E	Wheel (rear) and disc assy (Repl. E1ADKN-1019-D)		54/	(U.S.) D.W. 11 x 38 (U.S. Service Components)	2	2	–
	E1ADDN–1019-F	Wheel (rear) assy. – 14 x 30		52/	Replaces E1ADDN-1019-A	2	2	2
BA	E1ADKN–1019-C	**Wheel (rear) assy.**		**52/**	**Agricultural 9" wide**	**2**	**2**	**2**
	E27N –1020-C	**Rim (rear wheel extension) assy.**		**52/**	**Accessory – use with E27N-1019-B**	**2**	**2**	**2**
	E27N –1026-A	**Installation (rear wheel spade lug)**		**52/**	**For 9" wheels Accessory**	**1**	**1**	**1**
	E27N –1026-C	**Installation (rear wheel spade lug)**		**52/**	**For 4½" wheels Accessory**	**1**	**1**	**1**
BA	E27N –1033	**Bracket (rear wheel rim spacer)**	3	**52/**	**With dual rear wheels**	**16**	**16**	**16**
BA	23569-S2	**Bolt (bracket to outer wheel rim)**		**52/**		**16**	**16**	**16**
BA	33850-S2	**Nut**		**52/**		**16**	**16**	**16**
BA	34811-S7/8	**Lockwasher**		**52/**		**16**	**16**	**16**
BA	304768-S36	Bolt (bracket to outer wheel disc)		52/		16	16	16
BA	33849-S	**Nut**		**52/**		**16**	**16**	**16**
BA	34811-S7/8	**Lockwasher**		**52/**		**16**	**16**	**16**
BA	E27N –1037-A	**Rim (rear wheel) assy. – 10-hole**		**52/**	**R.C. with E27N-1019-B**	**2**	**2**	**2**
BA	E27N –1037-C	**Rim (rear wheel) assy. – 8-hole**		**52/**	**For 11 – 36 tyres**	**2**	**2**	**2**
BA	⊕E1ADKN–1037-A	**Rim (rear wheel) assy. – 8-hole**		**52/**	**For 11 – 38 tyres**	**2**	**2**	**2**
	E27N –1053-A	**Lug (rear wheel spade)**		**52/**	**For 4½" wheels 36 req.**	**52**	**52**	**52**
	N-23028-S7	**Bolt (lug to wheel)**		**52/**		As reqd.		
	33845-S7/8	**Nut**		**52/**		As reqd.		
	44736-S2	**Washer**		**52/**		As reqd.		
	34809-S36	Lockwasher		52/		As reqd		
BA	E1ADDN–1065	Weight (rear wheel)		52/	100 lbs	2	2	2
BA	E1ADDN-1076	Weight (auxiliary) – rear wheel		52/	Replaces E27N-1076	As reqd.		
BA	E27N –1077	**Reinforcement (rear wheel weight disc)**		**52/**	**With wheel weights**	**10**	**10**	**10**
BA	E27N –1077	**Reinforcement (rear wheel disc)**		**52/**	**With dual rear wheels**	**10**	**10**	**10**
BA	E1-HA-9	**Reinforcement (rear wheel disc)**		**52/**	**With dual rear wheels**	**10**	**10**	**10**
	45811-S	**Bolt (reinforcement to rear wheel discs)**		**52/**	**With dual rear wheels**	**10**	**10**	**10**
BA	33850-S2	**Nut**		**52/**		**10**	**10**	**10**
	E1ADDN–1078-C	Installation (rear wheel weights) – 600 lbs. (Access.)		52/	Replaces E27N-1078-C	1	1	1
BA	304910-S36	Bolt (weight to wheel)		52/		10	10	10
BA	33884-S	**Nut**		**52/**		**10**	**10**	**10**
BA	34811-S7/8	**Lockwasher**		**52/**		**10**	**10**	**10**
BA	23103-ES	**Bolt (auxiliary weight to weight)**		**52/**		As reqd.		
BA	34674-S	**Nut**		**52/**		As reqd.		
BA	34813-S	**Lockwasher**		**52/**		As reqd.		
BA	72034-S	**Split pin**		**52/**		As reqd.		
	E27N –1086	**Installation (dual rear wheel)**		**52/**	**Pneumatics 11 – 36**	**1**	**1**	**1**
BA	⊕E1ADKN–1105	**Hub (front wheel) and bolt assy.**	2	**52/**	**With E1ADKN-1015**	**2**	**2**	**2**
BA	⊕E83W –1107	**Bolt (front wheel hub)**	3	**52/**	**With E1ADKN-1015**	**12**	**12**	**12**
BA	E27N –1118-A	**Bolt (rear axle shaft to wheel)**	5	**52/**	**Except Ind.**	**12**	**12**	**12**
BA/BB	E27N –1118-B	**Bolt (brake adaptor and axle shaft to wheel)**		**52/**	**Ind.**	**12**	**12**	–

⊕Export only.



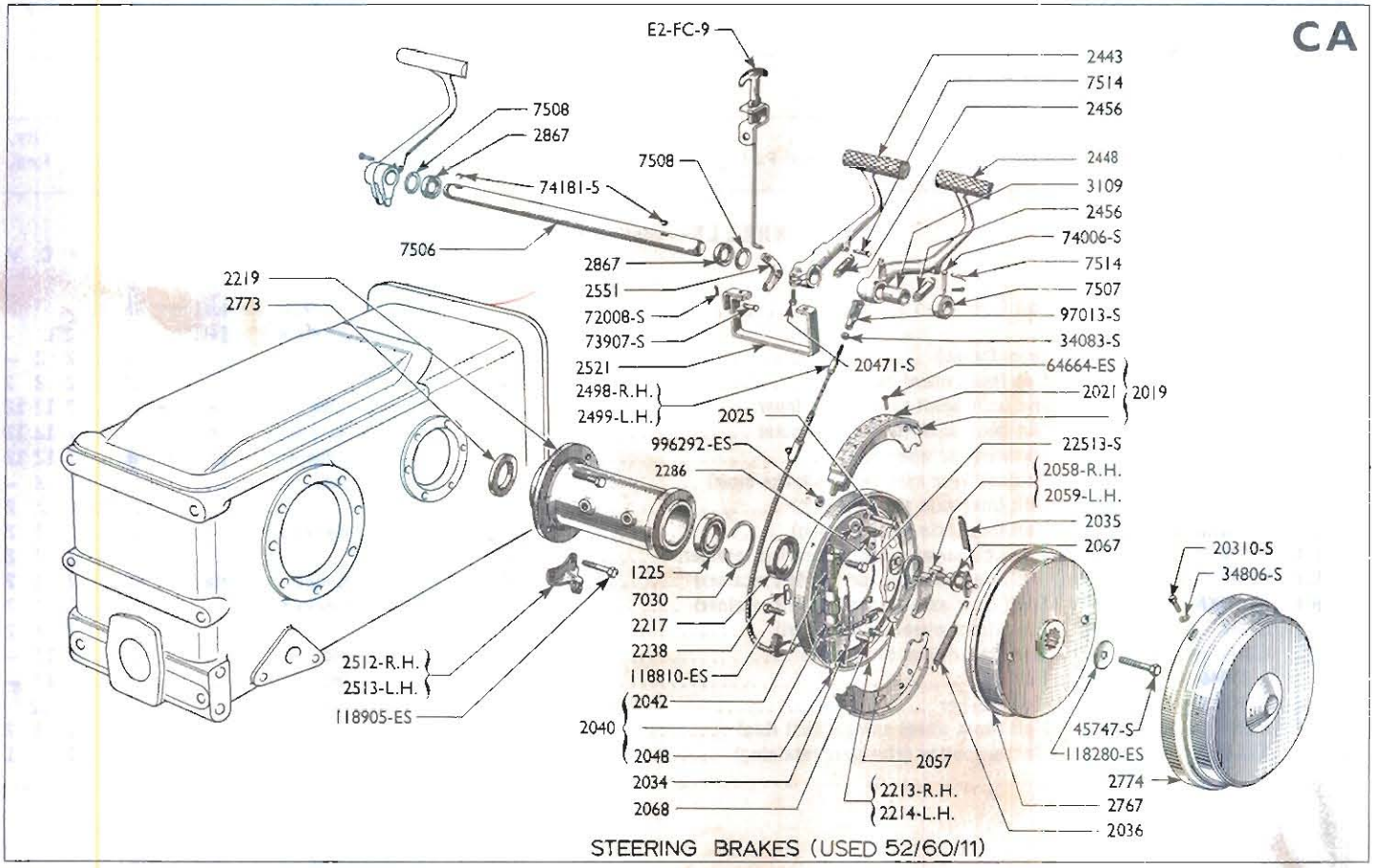
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

WHEELS—*continued*

						P	D	V
BB	E1ADDN-1120	Nut (axle shaft to wheel)		52/	Except with dual rear wheels Replaces BBE-1120	12	12	–
BB	E27N –1126	Drum (brake)		52/	Ind.	2	2	–
BA/BB	E27N –1128	Cap (front wheel hub)	5	52/		2	2	2
BA	EBB –1132	Nut (axle shaft to wheel) – inner	2	52/	With dual rear wheels	12	12	12
BA	EBB –1134	Nut (axle shaft to wheel) – outer	3	52/	With dual rear wheels	12	12	12
BB	BBE –1150	Washer (rear wheel nut)	5	52/	Except with dual rear wheels	12	12	12
BB	E27N –1173	Adaptor (rear axle shaft to brake drum)		52/	Ind.	2	2	–
EA/BB	E27N –1180	Felt (rear axle shaft bearing)	5	52/		2	2	2
EA/BB	E1ADKN–1180	Felt (rear axle shaft bearing)	2	10/56/	Heavy duty	2	2	2
EA/BB	E27N –1182	Gasket (rear axle grease and felt retainer)	10	52/		2	2	2
EA/BB	E27N –1183	Shell (rear axle grease and felt retainer)	5	52/	Except Industrial	2	2	2
EA/BB	E1ADKN–1183	Shell (rear axle grease and felt retainer)		10/56/	Heavy duty	2	2	2
BB	E27N –1190-B	Ring (front wheel spindle dust)	50	52/		2	2	2
BB/CG	E27N –1191	Bolt (brake drum to adaptor)		52/	Ind.	12	12	–
BB	33846-S2	Nut		52/	Ind.	12	12	–
BB	34809-S36	Lockwasher		52/	Ind.	12	12	–
BB	E27N –1193	Felt (front wheel spindle dust ring)	50	52/		2	2	2
GA	E1ADKN–1195	Washer (pulley drive gear retaining)	2	52/	See "Pulley"	1	1	1

WHEELS—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
BB	E27N –1201	Cone (front wheel) and roller assy. – inner	15	52/		2	2	2
BB	N –1202-A	Cup (front wheel bearing) – inner	5	52/	Optional	2	2	2
BB	N –1202-B	Cup (front wheel bearing) – inner	5	52/	Optional	2	2	2
BB	N –1216	Cone (front wheel) and roller assy. – outer	15	52/		2	2	2
BB	N –1217	Cup (front wheel bearing) – outer	10	52/		2	2	2
DA/BB	E27N-3161-B	Nut (front wheel spindle clamp)	3	52/		2	2	2
BB	20469-S2	Bolt		52/		2	2	2
BB	33800-S7/8	Nut		52/		2	2	2
	34827-S7	Lockwasher		52/		2	2	2
GC	EOA –1225	Bearing (raised P.T.O. extension drive shaft)	3	52/	See "Power Take-off"	2	2	2
GC	EOA –1225	Bearing (P.T.O. extension shaft) assy.	3	52/	See "Power Take-off"	1	1	1
GC	204E –1225-B	Bearing (P.T.O. shaft) assy. – large	3	52/11/60		1	1	1
	204E –1225-B	Bearing (bull pinion shaft) assy. – outer	3	52/11/60		2	2	2
	N –1725	Adaptor (water ballast valve) assy.	2	52/	For pneumatic tyres	1	1	1
	N –1727	Tube (water ballast valve adaptor)		52/	In N-1725	1	1	1
	EIADDN –2K003	Kit (exhauster vacuum braking)	4/62/		See also "exhauster" section	–	1	–



STEERING BRAKES

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
CA		E1ADKN–2019	Shoe (brake) and lining assy.	2	52/60/11	Bonded	4	4	4
CA		*E1ADDN–2019	*Shoe (brake) and lining assy. – Rivetted*		52/60/11	*Parts Ex Plan-Domestic only*	4	4	4
CA		*E1ADKN–2019	*Shoe (brake) and lining assy. – Bonded*		52/60/11	*Parts Ex Plan-Domestic only*	4	4	4
CA		E27N –2021-B	Lining (brake shoe)	3	52/60/11	Drill for riveting	4	4	4
CA		64664-ES	Rivet (lining to shoe)		52/60/11		48	48	48
		E5-Z-9	Kit (steering brake lining and rivet)	10	52/60/11		1	1	1
CA		E27N –2025	Post (brake shoe steady)	2	52/60/11		4	4	4
CA		996292-ES7	Nut		52/60/11		4	4	4
CA		E27N –2034	Spring (brake adjuster end)	20	52/60/11		2	2	2
CA		E27N –2035-A	Spring (brake anchor to primary shoe)	10	52/60/11	Black	2	2	2
CA		E27N –2036	Spring (brake anchor to secondary shoe)	10	52/60/11	Red	2	2	2
CA		E1ADKN–2040	Pinion (brake shoe adjuster) and screw assy.	2	52/60/11		2	2	2
CA		E1ADKN-2042	Screw (brake shoe adjusting) – R.H.		52/60/11		2	2	2
CA		E1ADKN-2048	Screw (brake shoe adjusting) – L.H.		52/60/11		2	2	2
CA		E27N –2057-B	Lever (brake cam operating)	3	52/60/11		2	2	2
CA		E27N –2058-B	Lever (brake cam) – R.H.	10	52/60/11		1	1	1
CA		E27N –2059-B	Lever (brake cam) – L.H.	10	52/60/11		1	1	1
CA		E27N –2067-B	Pin (brake anchor) assy.	10	52/60/11		2	2	2
		33850-S2	Nut (brake anchor pin)		52/60/11		2	2	2
		E1ADKN–2114	Washer	2	52/60/11		2	2	2
		116000-ES	Lockwasher		52/60/11		2	2	2
CA		E27N –2068	Stop (brake shoe)	2	52/60/11		2	2	2
		E91T –2081	Clip (rear lamp wire to fender)		5/57/60/11		2	2	–
		E1ADKN–2114	Washer	2	52/60/11		2	2	2
		E493A –2123-B	Washer (brake shoe steady post)	10	52/60/11	Felt	4	4	4
CA		E1ADKN–2213	Plate (brake housing) assy. – R.H.	2	52/60/11		1	1	1
CA		E1ADKN–2214	Plate (brake housing) assy. – L.H.	2	52/60/11		1	1	1
		350522-ESA	Screw (plate to extension housing)		52/60/11		8	8	8
		118208-ES2	Washer		52/60/11		8	8	8
CA		E1ADKN–2767	Drum (steering brake)	5	52/60/11		2	2	2
CA		45747-S	Screw (drum to bull pinion shaft)		52/60/11		2	2	2
CA		118280-ES	Washer		52/60/11		2	2	2
CA		E27N–2774-B	Cover (steering brake) assy.		52/60/11	When requested	2	2	2
CA		20310-S2	Screw (cover to brake plate)		52/60/11		6	6	6
CA		34806-S7/8	Lockwasher		52/60/11		6	6	6
		E27N-2766-B	Plate (brake adjuster cover)		52/60/11	In E27N-2774-B	2	2	2
		60018-S	Rivet (plate to brake cover)		52/60/11		2	2	2
CA		E1ADKN–2217-A	Seal (brake extension housing oil) assy. – outer	20	52/60/11		2	2	2
		E1ADKN-2773-A	Seal (brake extension housing oil) assy. – inner	5	52/60/11		2	2	2
CA		E1ADDN-2773-A	Seal (steering brake oil)		11/60/		2	2	2
CA		E1ADKN–2219	Housing (brake extension)		52/60/11		2	2	2
		118904-ES	Screw (housing to transmission housing)		52/60/11		8	8	8
CA		118905-ES	Screw (housing to cable support to transmission housing)		52/60/11		4	4	4
CA		E1ADKN–2238	Cover (brake adjusting hole)	2	52/60/11	On rear of brake plate	2	2	2
		91A –2244-A	Clip (rear lamp wire)		10/54/	See "Wiring"	6	6	6
	S	**E27N –2285-B	Cup - Brake Anchor Spring		52/60/11		4	4	4
	S	**E27N –2286-B	Spring - Brake Anchor		52/60/11		4	4	4

For Part Nos. 2019 to 2563 see also next sections.

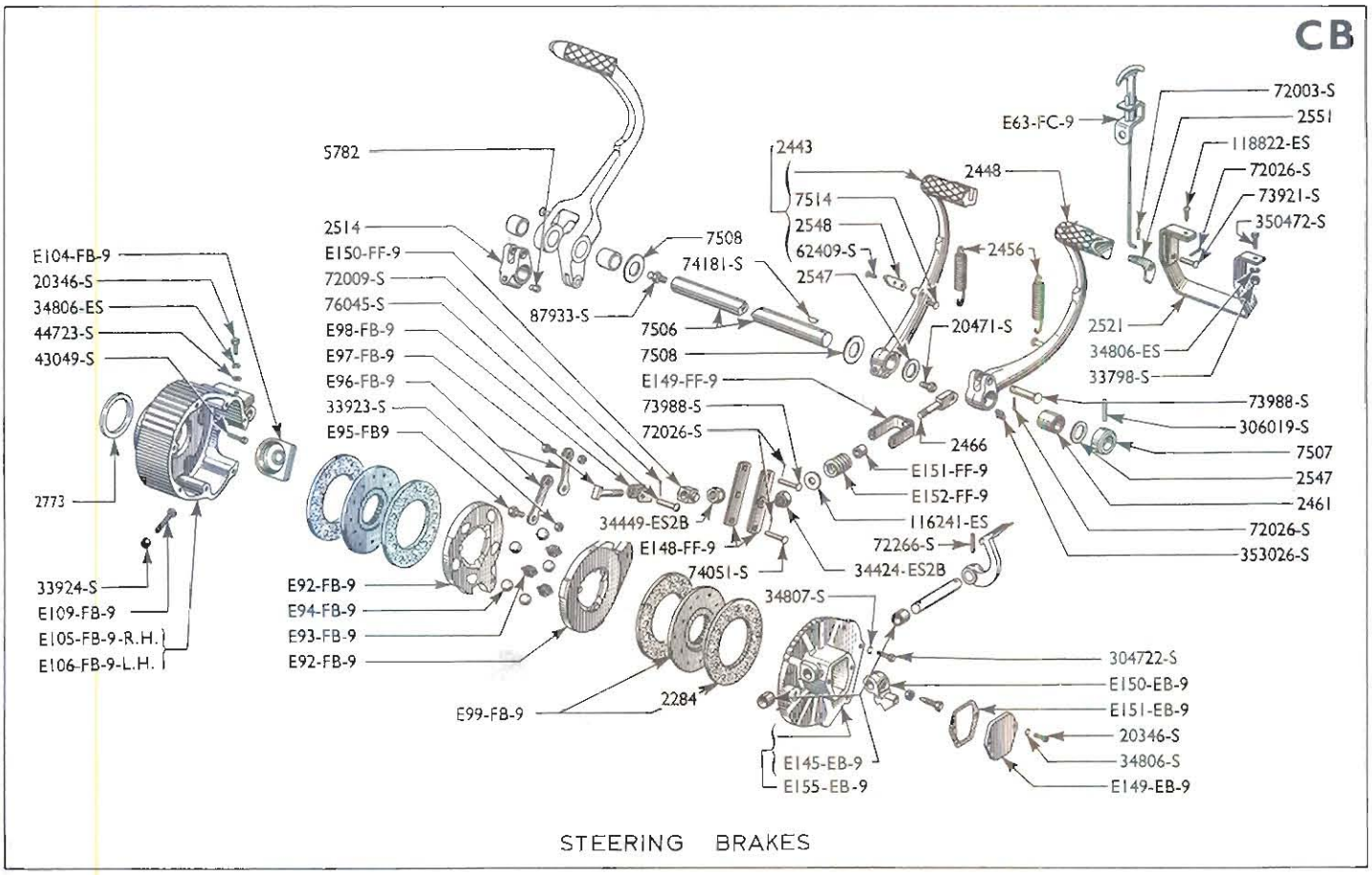
*Refer to Domestic Tractor Parts Information No.335

** These two parts replace E27N–2284-B

STEERING BRAKES—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		For Part Nos. 2019 to 2563 see also next sections						
CE	ET6 –2428	Fastener (reservoir to non-return valve)		54/	See "Vacuum Braking"	–	1	–
	ET6 –2430	Washer (pipe to non-return valve)		54/59/11	See Vacuum Braking	–	1	–
	62383-S	Rivet (latch to pedal)		52/		1	1	1
CA		Pedal (brake) assy. – L.H. NOT SERVICED		52/60/11		1	1	1
CA	20471-S2	Bolt (pedal clamping)		52/60/11		1	1	1
CA	74181-S	Key (pedal to cross shaft)		52/60/11		1	1	1
CA	E1ADKN-7506-A	Shaft (brake and clutch pedal cross)	2	52/60/11		1	1	1
CA	E27N-7507	Collar (cross shaft retaining)		52/57/10		1	1	1
CA	74006-S7	Pin (collar retainer)		52/57/10		1	1	1
	72005-S	Split pin		52/57/10		1	1	1
CA	E27N-7547	Ring (cross shaft lock)		52/60/11		1	1	1
CA	E27N-2867-A	Seal (cross shaft oil) assy.	5	52/		2	2	2
CA	E27N-7508	Washer (cross shaft thrust)		52/		2	2	2
CA	†E1ADKN–2448-B	Pedal (brake) assy. – R.H.		52/60/11		1	1	1
CA	7V-3109	Bush (R.H. brake pedal)	2	52/60/11		1	1	1
	353026-A2-S8	Lubricator		52/		1	1	1
CA	E1ADKN–2456	Spring (brake pedal retracting)	10	52/60/11		2	2	2
CA	E1ADKN–2498	Cable (brake operating) assy. – R.H.	20	52/60/11	Marked L.H.	1	1	1
CA	E1ADKN–2499	Cable (brake operating) assy. – L.H.	20	52/60/11	Marked R.H.	1	1	1
CA	97013-S2	Clevis (adjustable)		52/60/11		2	2	2
CA	34083-S7/8	Lock nut		52/60/11		2	2	2
	73919-S7/8	Clevis pin		52/60/11		2	2	2
	72017-S	Split pin		52/60/11		2	2	2
CA	118810-ES2	Screw (cable clamp to plate and stop)		52/60/11		2	2	2
CA	E1ADKN–2512	Support (brake cable conduit) – R.H.		52/60/11		1	1	1
CA	E1ADKN–2513-B	Support (brake cable conduit) – L.H.		52/		1	1	1
CA	118905-ES	Screw (support to extension housing to transmission housing)		52/60/11		4	4	4
	304665-S36	Screw (support clamping)		52/60/11		2	2	2
	E1ADKN–2514-A	Lever (steering brake)		52/60/11		1	1	1
	20471-S2	Screw (lever to cross shaft clamping)		52/60/11		1	1	1
	74181-S	Key (lever to cross shaft)		52/60/11		1	1	1
CA	E1ADKN–2521-A	Bracket (brake pedal stop) assy.		52/53		1	1	1
	350483-S	Bolt (bracket to mudguard platform)		52/60/11		1	1	1
	355471-S	Bolt (bracket to mudguard platform)		52/60/11		1	1	1
	33798-S7/8	Nut		52/60/11		2	2	2
	34806-S36	Lockwasher		52/60/11		2	2	2
CA	E1ADKN–2551-B	Pawl (brake pedal)	2	52/60/11		1	1	1
	44734-S8	Washer		52/58/4		1	1	1
CA	73907-S18	Clevis pin (pawl to bracket)		4/58/60/11		1	1	1
CA	72008-S	Split pin		52/60/11		1	1	1
	72017-S7/8	Split pin		52/60/11		1	1	1
	72008-S	Split pin (pawl to actuating rod)		52/60/11		1	1	1
CA	E2-FC-9	Control (brake pedal pawl) assy.		52/60/11		1	1	1

† These parts together replace E1ADKN–2443-A and/or E1ADKN–2448-A.



STEERING BRAKES

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

STEERING DISC BRAKES

P D V

For Part Nos. 2019 to 2639 see previous and following sections.

CB		E99-FB-9	Disc (disc brake) and lining assy.	11/60/		4	4	–
CB	S	E1ADDN-2284	Lining (Disc brake)	11/60/	Also part of E99-FB-9	8	8	–
CB	A	117314-ES	Rivet (Disc brake lining)	11/60/	Also part of E99-FB-9	96	96	–
CB		E92-FB-9	Disc (disc brake actuating)	11/60/		4	4	–
CB		E95-FB-9	Pin (disc brake actuating disc to link)	11/60/		4	4	–
CB		33923-S7/8	Nut	11/60/		4	4	–
CB		E93-FB-9	Spring (disc brake return)	11/60/		6	6	–
CB		E94-FB-9	Ball (disc brake actuating)	11/60/		10	10	–
CB		E96-FB-9	Link (disc brake actuating disc to operating rod)	11/60/		4	4	–
CB		E98-FB-9	Yoke (disc brake pull rod)	11/60/		2	2	–
CB		E97-FB-9	Rod (disc brake pull)	11/60/		2	2	–
CB		34449-ES2B	Nut (brake operating rod to lever)	11/60/		2	2	–
CB		76045-S2	Clevis pin (disc brake pull rod yoke to link pin)	11/60/		2	2	–
CB		72009-S	Split pin	11/60/		2	2	–
CB		E105-FB-9	Housing (disc brake) – R.H.	11/60/		1	1	–
CB		43049-S	Bolt (disc brake housing to trans. housing)	11/60/		6	6	–
CB		E155-EB-9	Plate (disc plate cover) – R.H.	11/60/	Use with differential lock	1	1	–
CB		#E149-EB-9	Cover (differential lock lever)	11/60/		1	1	–
CB		#E151-EB-9	Gasket (differential lever lock cover)	11/60/		1	1	–
CB		20346-S7/8	Bolt (differential lock lever plate to back plate)	11/60/		2	2	–

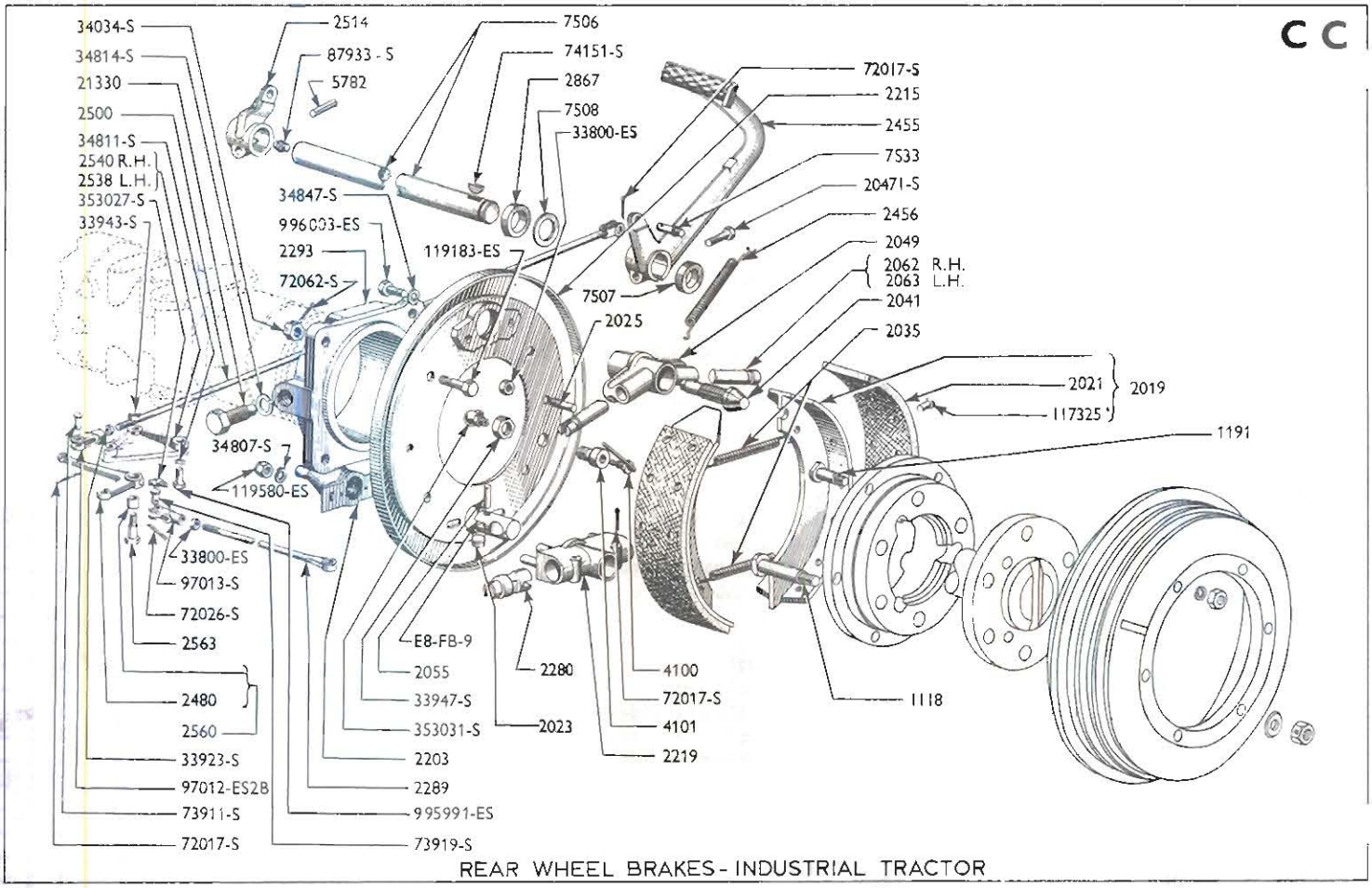
#See rear axleand rear transmission sections.

STEERING DISC BRAKES—*continued*

For part Nos 2019 to 2639 see previous and following sections.

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
CB	34806-S7/8	Lockwasher		11/60/		2	2	–
	E112-FB-9	Plate (disc brake cover) – R.H.		11/60/	Except with differential lock	1	1	–
CB	#E145-EB-9	Bush (disc brake cover plate)		11/60/		2	2	–
CB	E106-FB-9	Housing (disc brake) – L.H.		11/60/		1	1	–
CB	43049-S	Bolt (disc brake housing to trans. housing)		11/60/		6	6	–
	E108-FB-9	Plate (disc brake cover) – L.H.		11/60/		1	1	–
	304722-S2	Bolt (brake cover plate to brake housing)		11/60/		14	14	–
	34807-S7	Lockwasher		11/60/		14	14	–
CB	E104-FB-9	Cover (disc brake dust)		11/60/		2	2	–
CB	E109-FB-9	Screw (disc brake adjusting)		11/60/		2	2	–
CB	33924-S7	Nut		11/60/		2	2	–
CB	E148-FF-9	Lever (brake operating) and washer assy.		11/60/		4	4	–
CB	E149-FF-9	Yoke (brake operating lever to rod)		11/60/		2	2	–
CB	74051-S	Clevis pin (brake operating lever yoke to block)		11/60/		2	2	–
CB	72026-S7/8	Split pin		11/60/		2	2	–
CB	E150-FF-9	Block (brake operating lever)		11/60/		2	2	–
CB	E151-FF-9	Sleeve (brake rod)		11/60/		2	2	–
CB	E152-FF-9	Spring (disc brake compensating)		11/60/		2	2	–
CB	73988-S7/8	Clevis pin (brake operating link to lever)		11/60/		1	1	–
CB	73988-S7/8	Clevis pin (brake operating link to brake pedal)–R.H.		11/60/		1	1	–
CB	73988-S7/8	Clevis pin (brake operating link to brake pedal)–L.H.		11/60/		1	1	–
CB	73988-S7/8	Clevis pin (brake operating link to brake housing)–R.H.		11/60/		1	1	–
CB	72026-S7/8	Split pin (brake operating link to lever)		11/60/		1	1	–
CB	72026-S7/8	Split pin (brake operating link to brake pedal)–R.H.		11/60/		1	1	–
CB	72026-S7/8	Split pin (brake operating link to brake pedal)–L.H.		11/60/		1	1	–
CB	72026-S7/8	Split pin (brake operating link to brake housing)–R.H.		11/60/		1	1	–
CB	EIADDN–2443	Pedal (brake) assy.–L.H.		11/60/		1	1	–
CB	20741-S	Bolt (brake pedal clamping)		11/60/		1	1	–
CB	74181-S	Key (pedal to cross shaft)		11/60/		1	1	–
CB	EIADKN-7514	Pin (brake pedal retracting spring anchor)		11/60/		1	1	–
CB	EIADDN-7506-C	Shaft (brake and clutch pedal cross)		11/60/		1	1	–
CB	87933-S7	Lubricator		11/60/		1	1	–
CB	353026-A2-S8	Lubricator		11/60/		1	1	–
CB	E27N-7508	Washer (shaft thrust)		11/60/		2	2	–
CB	EIADDN–2448-A	Pedal (brake) assy – R.H.		11/60/		1	1	–
CB	EIADDN–2456	Spring (brake pedal retracting)		11/60/		2	2	–
CB	EIADDN–2461	Bush (brake pedal)–R.H.		11/60/		1	1	–
CB	EIADDN–2466	Rod (brake)		11/60/		2	2	–
CB	34424-ES2-B	Nut (brake rod to brake operating lever yoke)		11/60/		2	2	–
CB	116241-ES	Washer (brake rod)		11/60/		2	2	–
CB	34449-ES2-B	Nut (brake operating rod to lever)		11/60/		2	2	–
CB	E1ADDN–2514-A	Lever (steering brake)		11/60/		1	1	–
CB	508E-5782	Pin (brake lever to cross shaft)		11/60/		1	1	–
CB	E1ADDN–2521-A	Bracket (brake pedal stop) assy.		11/60/		1	1	–
CB	118822-ES7	Bolt (bracket to mudguard platform)		11/60/		1	1	–
CB	350472-S2	Bolt (bracket to mudguard platform)		11/60/		1	1	–
CB	33798-S7/8	Nut		11/60/		2	2	–
CB	34806-ES2	Lockwasher		11/60/		2	2	–
CB	E1ADDN–2547	Washer (brake cross shaft thrust)		11/60/		2	2	–
CB	E1ADDN–2548	Sector (brake pedal)		11/60/		1	1	–
CB	62409-S	Rivet (sector to brake pedal)		11/60/		2	2	–
CB	E1ADDN–2551	Pawl (brake pedal)		11/60/		1	1	–
CB	E63-FC-9	Control (brake pedal pawl) assy.		11/60/		1	1	–
CB	73921-S18	Clevis pin (pawl to brake pedal stop bracket)		11/60/		1	1	–
CB	72026-S7/8	Split pin		11/60/		1	1	–
CB	72003-S7/8	Split pin (brake pedal control to pawl)		11/60/		1	1	–

See "Rear Axle and Rear Transmission" Section.



REAR WHEEL BRAKES - INDUSTRIAL TRACTOR

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

REAR WHEEL BRAKES
(Industrial Tractor)

P D V

For Part Nos. 2019 to 2639 see also previous sections.

CC	*E27N –2019-C	*Shoe (brake) and lining assy – Rivetted*	52/	*Parts Ex Plan-Domestic only*	4	4	–
CC	E27N–2019-E	Shoe (brake) and lining assy –	52/	Ind.	4	4	–
CC	*E27N –2019-E	*Shoe (brake) and lining assy – Bonded*	52/	*Parts Ex Plan-Domestic only*	4	4	–
CC	E27N –2021-C	Lining (brake shoe)	52/		4	4	–
	119453-ES	Rivet (lining to shoe)	52/58/3		48	48	–
CC	117325-ESA	Rivet (lining to shoe)	3/58/		48	48	–
CC	E27N –2023	Roller (brake shoe)	52/		4	4	–
CC	957E –2025	Post (brake shoe steady)	52/		4	4	–
CC	33800-ES7/8	Locknut	52/		4	4	–
CC	E27N –2035-B	Spring (brake shoe)	52/		4	4	–
CC	7V –2041-B	Cone (brake shoe adjuster)	52/		2	2	–
CC	E27N –2049	Housing (brake adjuster)	52/		2	2	–
CC	996003-ES	Screw (housing to backing plate)	52/		4	4	–
CC	34847-ES	Lockwasher	52/		4	4	–
CC	E27N –2055	Pin (brake expander)	52/		2	2	–

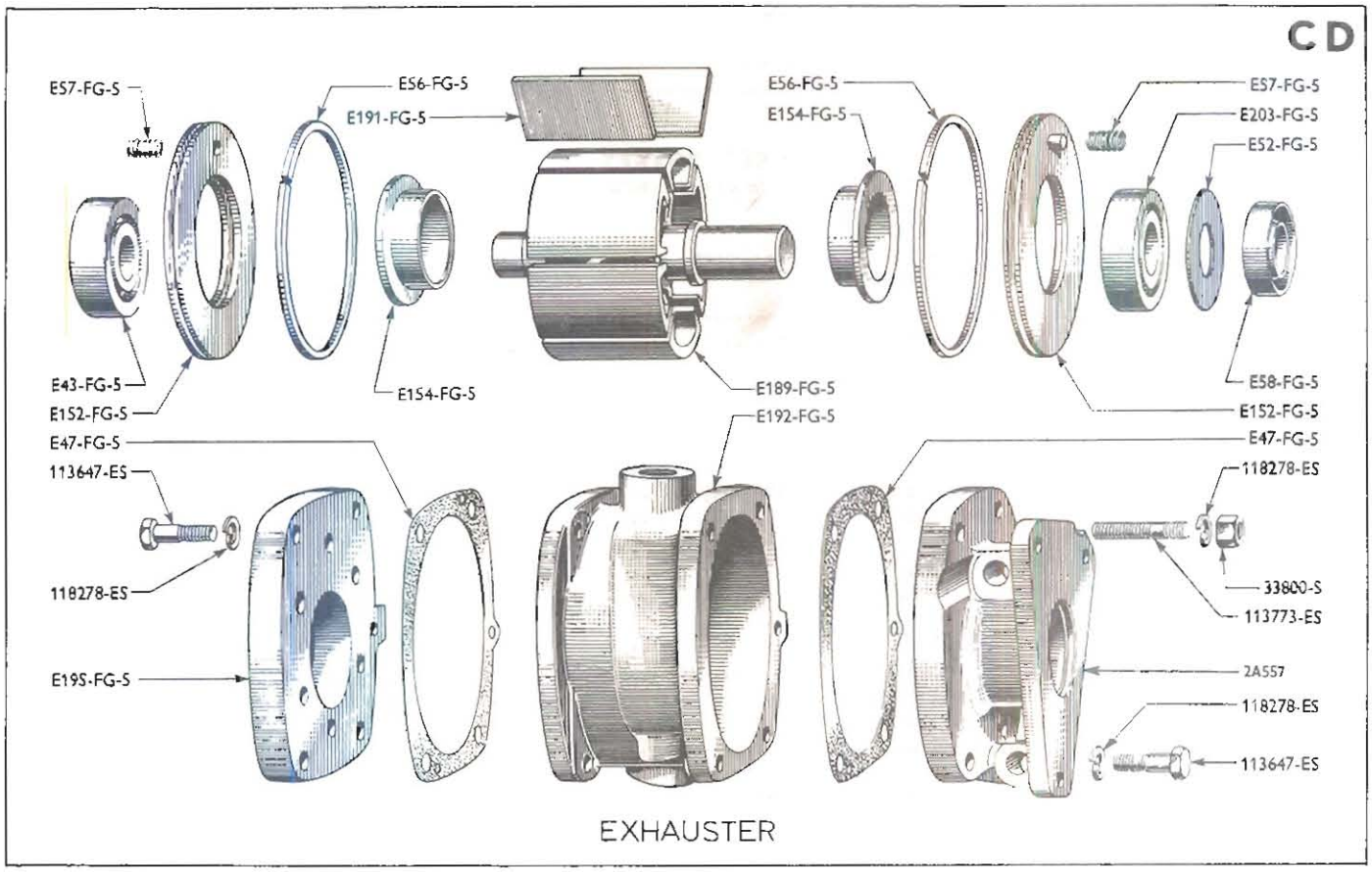
***Refer to Domestic Tractor Parts Information No.335**

REAR WHEEL BRAKES—*continued*
(Industrial Tractor)

For Part Nos. 2019 to 2639 see also previous sections.

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
CC	E27N –2062	Plunger (brake adjuster) – R.H.		52/		2	2	–
CC	E27N –2063	Plunger (brake adjuster) – L.H.		52/		2	2	–
CC	E27N –2203	Cover (brake dust) assy.		52/		2	2	–
CC	E27N –2215-B	Plate (brake backing)		52/		2	2	–
CC	119183-ES	Bolt (backing plate to adaptor)		52/		8	8	–
CC	34034-S18	Nut		52/		8	8	–
CC	72062-S	Split pin		52/		8	8	–
CC	E27N –2219	Housing (brake expander) and stud assy.		52/		2	2	–
CC	119580-ES	Nut (expander stud)		52/		4	4	–
CC	34807-S36	Lockwasher		52/		4	4	–
	§E27N –2257	Collet (brake expander)		52/53		2pr	2pr	–
CC	E1ADKN–2280	Plunger (brake expander)		52/		4	4	–
CC	72017-S	Split pin		52/		4	4	–
	⊕E27N –2282	Plug (brake expander)		52/53		2	2	–
CC	E27N –2289	Link (brake draw)		52/		2	2	–
CC	E8-FB-9	Plunger (brake expander)		52/		2	2	–
CC	E27N –2293	Adaptor (brake backing plate)		52/		2	2	–
CC	N-21330-C	Screw (adaptor to axle housing)		52/		4	4	–
CC	34814-S	Lockwasher		52/		4	4	–
	ET6 –2430	Gasket (pipe to non-return valve)		10/60/		–	1	–
	E1ADDN–2448-B	Pedal (rear wheel brake) assy.		11/60/		1	1	–
CC	E1ADKN–2455-B	Pedal (brake)		52/60/11		1	1	–
CC	E1ADKN-7506-B	Shaft (brake and clutch pedal cross)		52/60/11		1	1	–
CC	E27N-7507	Collar (brake pedal cross shaft retaining)		52/		1	1	–
CC	E1ADDN–2456	Spring (brake pedal retracting)		11/60/		1	1	–
	BBE –2472-X	Spring (brake pedal retracting)	2	52/54		1	1	–
	BB-7523	Spring (brake pedal retracting)		54/60/11		1	1	–
CC	7W –2480	Bush (bell crank lever)		52/		2	2	–
CC	E27N –2500	Rod (pedal and lever to bell crank lever) assy.		52/		2	2	–
CC	97012-S8	Clevis (adjustable)		52/		2	2	–
CC	33923-S7/8	Locknut		52/		2	2	–
CC	EB-7533	Clevis pin (rod to brake pedal)		52/60/11		1	1	–
CC	73911-S2	Clevis pin (rod to lever)		52/		3	3	–
	73911-S2	Clevis pin (rod to brake pedal)		11/60/		1	1	–
CC	72017-S	Split pin		52/		4	4	–
CC	E1ADKN–2514-B	Lever (brake pedal cross-shaft)		52/60/11		1	1	–
CC	E1ADDN–2514-B	Lever (brake operating) – L.H.		11/60/		1	1	–
CC	508E-5782	Pin (brake operating lever to cross shaft)		11/60/		1	1	–
	E1ADDN–2520	Bracket (brake pedal stop)		11/60/		1	1	–
CC	E1ADKN–2538	Bracket (bell crank lever support) – L.H.		52/		1	1	–
CC	E1ADKN–2540	Bracket (bell crank lever support) – R.H.		52/		1	1	–
CC	995991-ES	Screw (bracket to rear axle housing)		52/		4	4	–
CC	34811-S7/8	Lockwasher		52/		4	4	–
CC	E1ADKN–2560	Lever (bell crank) and bush assy.		52/		2	2	–
CC	353027-S7/8	Lubricator		52/		2	2	–
CC	97013-S2	Clevis (lever to draw link) – adjustable		52/		2	2	–
	73919-S7/8	Clevis pin		52/		2	2	–
CC	72026-S7/8	Split pin		52/		2	2	–
CC	E27N –2563	Pivot (brake bell crank lever)		52/		2	2	–
CC	33943-S36	Nut		52/		2	2	–
EA	E1ADDN–2768	Housing (bull pinion bearing retainer)		11/60/		2	2	–
	E1ADDN–2773-A	Seal (steering brake oil)		11/60/		2	2	–

⊕When replacing E27N-2282 supply (1) E8-FB-9 and (4) E1ADKN-2280. § When replacing E27N-2257 supply (1) E8-FB-9and (4) E1ADKN-2280



Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

VACUUM BRAKING EQUIPMENT

P D V

EXHAUSTER

E83-FG-5	Exhauster Assy			12/60/62/4	Replaces E64-FG-5	– 1 –
45532-S2	**Bolt (exhauster to cylinder block)**			**54/54/6**		**– 2 –**
21587-ES2	Bolt (exhauster to cylinder block)			6/54/62/4		– 2 –
E3-CH-9	Washer		15	54/62/4		– 2 –
E176-FG-5	**Gasket (exhauster to injector pump)**			**4/62/**		**– 1 –**
530E-2A451	Exhauster Assy			4/62/64-6		– 1 –
45606-S2	**Bolt (exhauster to cylinder block)**			**4/62/**		**– 1 –**
20524-ES	**Bolt (exhauster to cylinder block)**			**4/62/**		**– 1 –**
34808-S36	Lockwasher			4/62/		– 2 –
E6-FG-5	Gasket (exhauster to cylinder block)			54/62/4		– 1 –
E174-FG-5	**Flange (exhauster elbow to cylinder block)**			**4/62/**		**– 1 –**
20406-S2	**Bolt (exhauster elbow flange to cylinder block)**			**4/62/**		**– 2 –**
530E-2A451	Exhauster Assy			6/64/		– 1 –

VACUUM BRAKING EQUIPMENT — *continued*

EXHAUSTER — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
	34806-S36	Lockwasher		4/62/		– 2 –
	E175-FG-5	**Elbow (exhauster to cylinder block flange)**		**4/62/**		**– 1 –**
	E172-FG-5	**Gasket (exhauster elbow to exhauster)**		**4/62/**		**– 1 –**
	20386-S7	Bolt (ehxuaster elbow to exhauster)		4/62/		– 2 –
	34806-S36	Lockwasher		4/62/		– 2 –
	E173-FG-5	**Gasket (exhauster elbow to block)**		**4/62/**		**– 1 –**
	87057-ES	**Seal (exhauster elbow to cylinder block)**		**4/62/**		**– 1 –**
	E7–FG-5	Bracket (exhauster support)		54/62/4		– 1 –
	20310-S7/8	Bolt (exhauster support bracket to exhauster)		54/62/4		– 3 –
	20327-S7/8	Bolt (exhauster support bracket to push rod cover)		54/62/4		– 1 –
	34826-S7	Lockwasher		54/62/4		– 4 –
	E8–FG-5	Seal (exhauster oil feed)		54/		– 1 –
	E11–FG-5	Dog (exhauster drive coupling flange)		54/62/4		– 4 –
	34420-ES2C	Nut (exhauster drive coupling flange dog)		54/62/4		– 4 –
	E12–FG-5	Flange (exhauster drive coupling)		54/62/4		– 2 –
	E13–FG-5	Pin (exhauster drive coupling flange)		54/62/4		– 2 –
	33798-S7/8	Nut (exhauster drive coupling flange pin)		54/62/4		– 2 –
	E1ADDN–993184	Pad (exhauster drive coupling)	50	54/62/4		– 1 –
	44722-S7	Washer		54/62/4		– 2 –
	†**E76-FG-5**	**Body (exhauster) and dowels assy.**		**54/60/11**		**– 1 –**
	E157-FG-5	**Body (exhauster) and dowels assy.**		**11/60/62/4**		**– 1 –**
CD	**E192-FG-5**	**Body (exhauster)**		**4/62/**		**– 1 –**
	E40-FG-5	**Rotor (exhauster) assy.**		**54/60/11**		**– 1 –**
	E155-FG-5	**Rotor (exhauster) assy.**		**11/60/**		**– 1 –**
CD	**E189-FG-5**	**Rotor (exhauster)**		**4/62/**		**– 1 –**
	E41-FG-5	**Collar (exhauster rotor shaft)**		**54/62/4**		**– 1 –**
	115528-ES	**Circlip (exhauster rotor shaft retaining)**		**11/60/62/4**		**– 2 –**
	E42-FG-5	**Ring (exhauster rotor)**		**54/60/11**		**– 2 –**
CD	**E43-FG-5**	**Bearing (exhauster rotor) assy.**		**54/62/4**		**– 2 –**
CD	**E203-FG-5**	**Bearing (rotor) assy. – front**		**4/62/**		**– 1 –**
	E158–FG-5	Blade (exhauster rotor)		54/62/4		– 6 –
CD	**E191-FG-5**	**Blade (exhauster rotor)**		**4/62/**		**– 6 –**
	†**E74-FG-5**	**Cover (exhauster drive end) and sleeve assy.**		**54/62/4**		**– 1 –**
	530E–2A557	Cover - Exhauster End Front		4/62/	Replaces E202-FG-2	– 1 –
	510E–2K267	Retainer - Exhauster End Bearing & Seal		6/64/	Use with 510E-2K267	– 1 –
CD	**E195-FG-5**	**Cover (exhauster end) – rear**		**4/62/**		**– 1 –**
	118887-ES	Bolt (cover to exhauster body)		54/62/4		– 4 –
CD	**113647-ES**	**Bolt (cover to body)**		**4/62/**		**– 7 –**
CD	**113773-ES**	**Stud (front cover to body)**		**4/62/**		**– 1 –**
CD	**33800-S7/8**	**Nut**		**4/62/**		**– 1 –**
	34907-S	**Lockwasher**		**54/55/3**		**– 4 –**
CD	**118278-ES**	**Lockwasher**		**3/55/**		**– 4/8 –**
	119963-ES	**Dowel (exhauster cover to body)**		**54/55/3**		**– 2 –**
	E118-FG-5	**Cover (exhauster end) and sleeve assy.**		**54/62/4**		**– 1 –**
	118887-ES	**Bolt (cover to exhauster body)**		**54/55/3**		**– 4 –**
	113647-ES	Bolt (cover to exhauster body)		3/55/62/4		– 4 –
	34907-S7	**Lockwasher**		**54/55/3**		**– 4 –**
	118278-ES	**Lockwasher**		**3/55/**		**– 4 –**
	119963-ES	**Dowel (exhauster cover to body)**		**54/55/3**		**– 2 –**

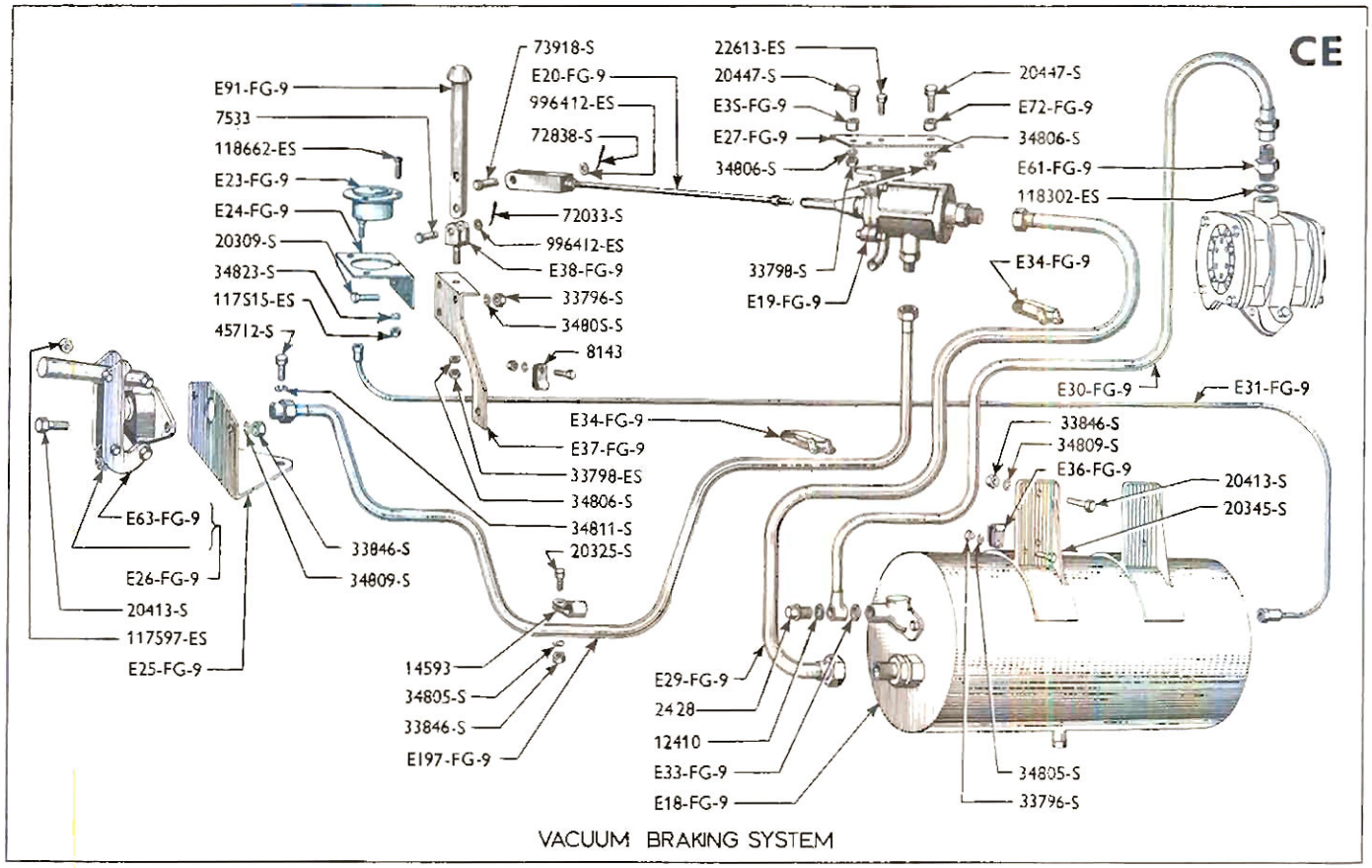
(8) 118278-ES and (8) 113647-ES.

† When replacing an Exhauster body or end cover which require a dowel pin, supply (1) E74-FG-5, E76–FG-5.

VACUUM BRAKING EQUIPMENT — *continued*

EXHAUSTER — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
CD	E47-FG-5	Gasket (exhauster end cover)		54/		– 2 –
	E48-FG-5	Plate (exhauster rotor sealing) and peg assy.		54/60/11		– 2 –
CD	E152-FG-5	Plate (exhauster rotor sealing) and peg assy.		11/60/		– 2 –
	E153-FG-5	Spring (exhauster rotor sealing plate)		11/60/		– 2 –
CD	E154-FG-5	Ring (exhauster rotor spigot)		11/60/		– 2 –
	E49-FG-5	Plate (exhauster end cover)		54/57/7		– 1 –
	118703-ES	Screw (plate to exhauster end cover)		54/57/7		– 6 –
	995913-ES	Screw (plate to exhauster end cover)		7/57/60/11		– 6 –
	E50-FG-5	Gasket (exhauster end cover plate)		54/57/7		– 1 –
	E51-FG-5	Plate (exhauster oil seal cover) – front		54/62/4		– 1 –
CD	E52-FG-5	Plate (exhauster oil seal cover) – rear		54/		– 1 –
	E53-FG-5	Plug (exhauster snifter valve)		54/60/11		– 1 –
	118197-ES	Washer (valve plug)		54/60/11		– 1 –
	E54-FG-5	Spring (exhauster snifter valve)		54/60/11		– 1 –
	E55-FG-5	Ball (exhauster snifter valve)		54/60/11		– 1 –
CD	E56-FG-5	Ring (exhauster sealing)		54/		– 2 –
CD	E57-FG-5	Spring (exhauster rotor seal plate compression)		54/		– 12 –
CD	E58-FG-5	Seal (exhauster oil) assy.		54/		– 2 –
	E59-FG-5	Plug (exhauster snifter valve drilling)		54/62/4		– 1 –
	118216-ES	Washer (snifter valve drilling plug to exhauster)		11/60/62/4		– 1 –
	118198-ES	Washer (drilling plug)		54/60/11		– 1 –
	E60-FG-5	Plug (exhauster end plug drilling)		54/54/8		– 1 –
	E69-FG-5	Plug (exhauster end cover drilling)		8/54/		– 1 –
	E70-FG-5	Disc (exhauster end cover drilling)		8/54/	Use with E69-FG-5	– 1 –
	E16-FG-5	Bolt (exhauster banjo)		54/		– 1 –
	E90-FG-5	Banjo (exhauster)		54/		– 1 –
	118302-ES	Washer (exhauster banjo) – lower		54/		– 1 –
	118344-ES	Washer (exhauster banjo) – upper		54/		– 1 –



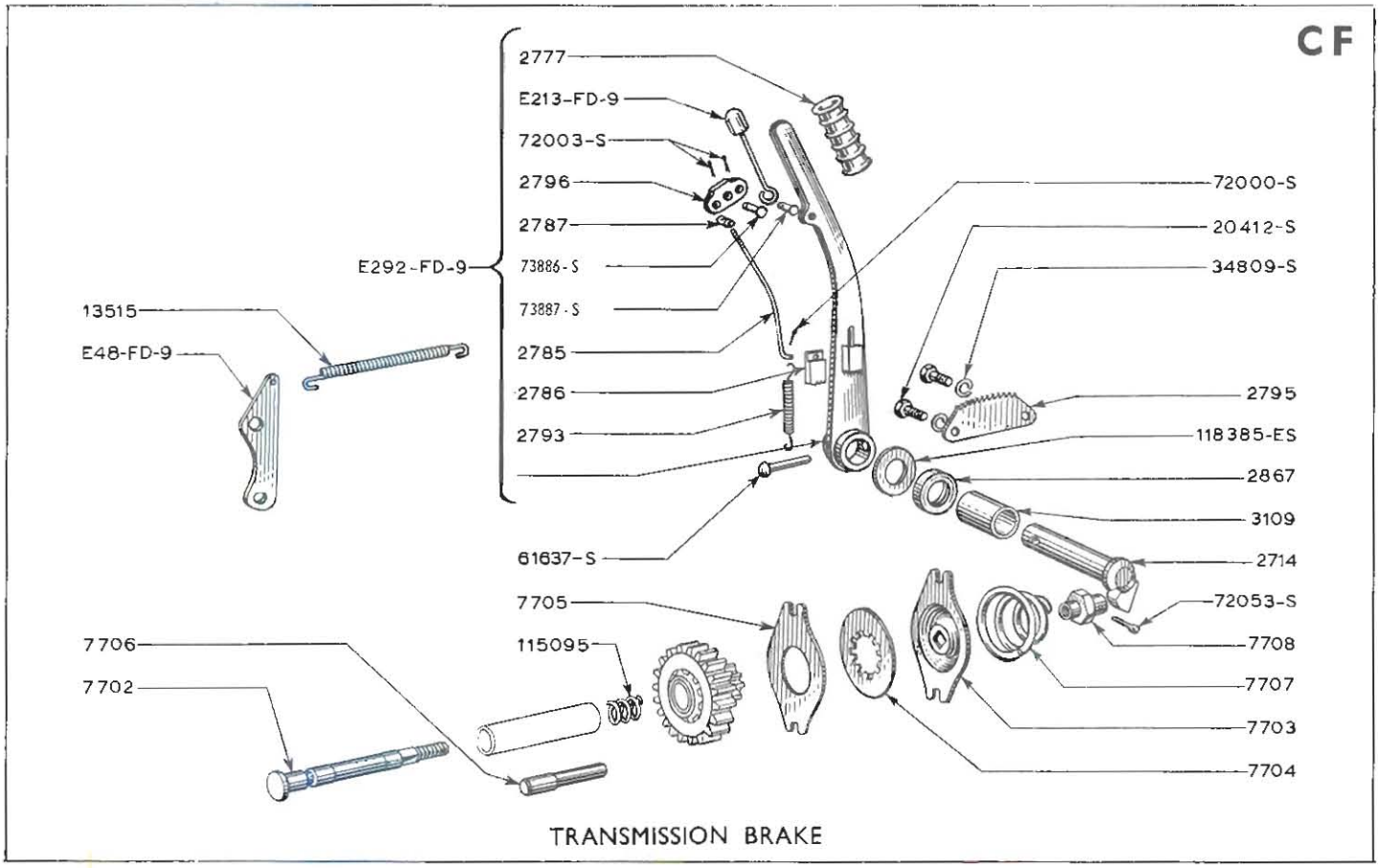
VACUUM BRAKING SYSTEM

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.
		VACUUM BRAKING EQUIPMENT—*continued*				P D V
		RESERVOIR, REACTION VALVE AND PIPES				
CE	E18-FG-9	Reservoir (trailer brake vacuum) assy.		54/		– 1 –
CE	20413-S2	Bolt (reservoir to side frame)		54/		– 2 –
CE	33846-S2	Nut		54/		– 2 –
CE	†34809-S7	Lockwasher		54/		– 2 –
CE	ET6-2428	Fastener (pipe to non-return valve)		54/		– 1 –
	ET6-2430	Washer (pipe to non-return valve)		54/59/11	Repl. E33-FG-9	– 1 –
	ET6-2430	Gasket (pipe to non-return valve)		11/59/		– 1 –
CE	40-12410	Washer (pipe to non-return valve)	2	54/		– 1 –
CE	E30-FG-9	Pipe (reservoir to exhauster) assy.		54/		– 1 –
CE	E61-FG-9	Adaptor (reservoir to exhauster pipe)		54/		– 1 –
CE	E19-FG-9	Valve (vacuum reaction) assy.		54/		– 1 –
CE	118302-ES	Washer (exhauster to reservoir pipe adaptor)		54/		– 1 –
CE	22613-ES2	Bolt (reaction valve to bracket)		54/		– 2 –
CE	33798-S7/8	Nut		54/		– 2 –
CE	34806-S36	Lockwasher		54/		– 2 –
CE	E27-FG-9	Bracket (vacuum reaction valve)		54/		– 1 –

VACCUUM BRAKING EQUIPMENT—*continued*

RESERVOIR, REACTION VALVE AND PIPES—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
CE	20447-S2	Bolt (reaction valve bracket to tractor)		54/		– 2 –
CE	33798-S7/8	Nut		54/		– 2 –
CE	34806-S36	Lockwasher		54		– 2 –
CE	E197-FG-9	Pipe (reaction valve coupling) assy.		54/		– 1 –
CE	20325-S7/8	Bolt		54/		– 1 –
CE	34805-S7	Lockwasher		54/		– 1 –
CE	33846-S8	Nut		54/		– 1 –
CE	E29-FG-9	Pipe (reaction valve to reservoir) assy.		54/		– 1 –
CE	E34-FG-9	Clip (flexible pipe)		54/		– 2 –
	20325-S2	**Bolt (reaction valve pipe to tractor)**		**54/**		**– 1 –**
	34081-S8	Nut		54/		– 1 –
	34805-S7	Lockwasher		54/		– 1 –
CE	E35-FG-9	Collar (reaction valve distance)		54/	5/8" Long	– 1 –
CE	E72-FG-9	Collar (reaction valve distance)		54/	3/4" Long	– 1 –
CE	E20-FG-9	Rod (tractor brake operating) and spring box assy.		54/		– 1 –
CE	**E91-FG-9**	**Lever (trailer brake control) assy.**		**54/**		**– 1 –**
CE	**33798-ES**	**Nut (control lever)**		**54/**		**– 1 –**
CE	**EB-7533**	**Clevis pin (control lever)**		**54/**		**– 2 –**
CE	**72033-S**	**Split pin (control lever)**		**54/**		**– 2 –**
	20525-S2	Bolt (control lever to tractor)		54/		– 2 –
	33846-S8	Nut (control lever to tractor)		54/		– 2 –
CE	996412-ES7/8	Washer (control lever to tractor)		54/		– 2 –
	34808-S36	Lockwasher (control lever to tractor)		54/		– 2 –
CE	**E37-FG-9**	**Bracket (control lever)**		**54/**		**– 1 –**
CE	**20309-S7/8**	**Bolt (control lever bracket to vacuum gauge bracket)**		**54/**		**– 2 –**
CE	33796-S7/8	Nut (control lever bracket to vacuum gauge)		54/		– 2 –
CE	**E38-FG-9**	**Fork (control lever)**		**54/**		**– 1 –**
CE	34806-S36	Lockwasher (control lever fork)		54/		– 1 –
CE	**E23-FG-9**	**Gauge (trailer brake vacuum) assy.**		**54/**		**– 1 –**
CE	**118662-ES7/8**	**Bolt (gauge to gauge bracket)**		**54/**		**– 2 –**
CE	**117515-ES**	**Nut (gauge to gauge bracket)**		**54/**		**– 2 –**
CE	**34823-S7**	**Lockwasher**		**54/**		**– 2 –**
CE	**E24-FG-9**	**Bracket (trailer to brake vacuum gauge)**		**54/**		**– 1 –**
CE	E36-FG-9	Clip (vacuum gauge to reservoir pipe fixing)		54/		– 1 –
CE	**20345-S7/8**	**Bolt (fixing clip)**		**54/**		**– 1 –**
CE	**33796-S7/8**	**Nut**		**54/**		**– 1 –**
CE	34805-S7	Lockwasher		54/		– 1 –
CE	E31-FG-9	Pipe (vacuum gauge to reservoir) assy.		54/		– 1 –
CE	E494A-8143	Clip (vacuum gauge pipe)		54/		– 1 –
CE	E26-FG-9	Coupling (trailer brake) assy.		54/		– 1 –
CE	20413-S2	Bolt (coupling to coupling bracket)		54/		– 2 –
CE	33846-S8	Nut		54/		– 2 –
CE	34809-S36	Lockwasher		54/		– 2 –
CE	**117597-ES**	**Nut (coupling swing link pin)**		**54/**		**– 1 –**
CE	**E63-FG-9**	**Pin (coupling swing link)**		**54/**		**– 1 –**
	20521-S7/8	**Bolt (coupling assy.)**		**54/**		**– 1 –**
	33798-S7/8	**Nut**		**54/**		**– 1 –**
CE	E25-FG-9	Bracket (trailer brake coupling)		54/		– 1 –
CE	45712-S	Bolt (bracket to tractor)		54/		– 2 –
CE	34811-S7/8	Lockwasher		54/		– 2 –

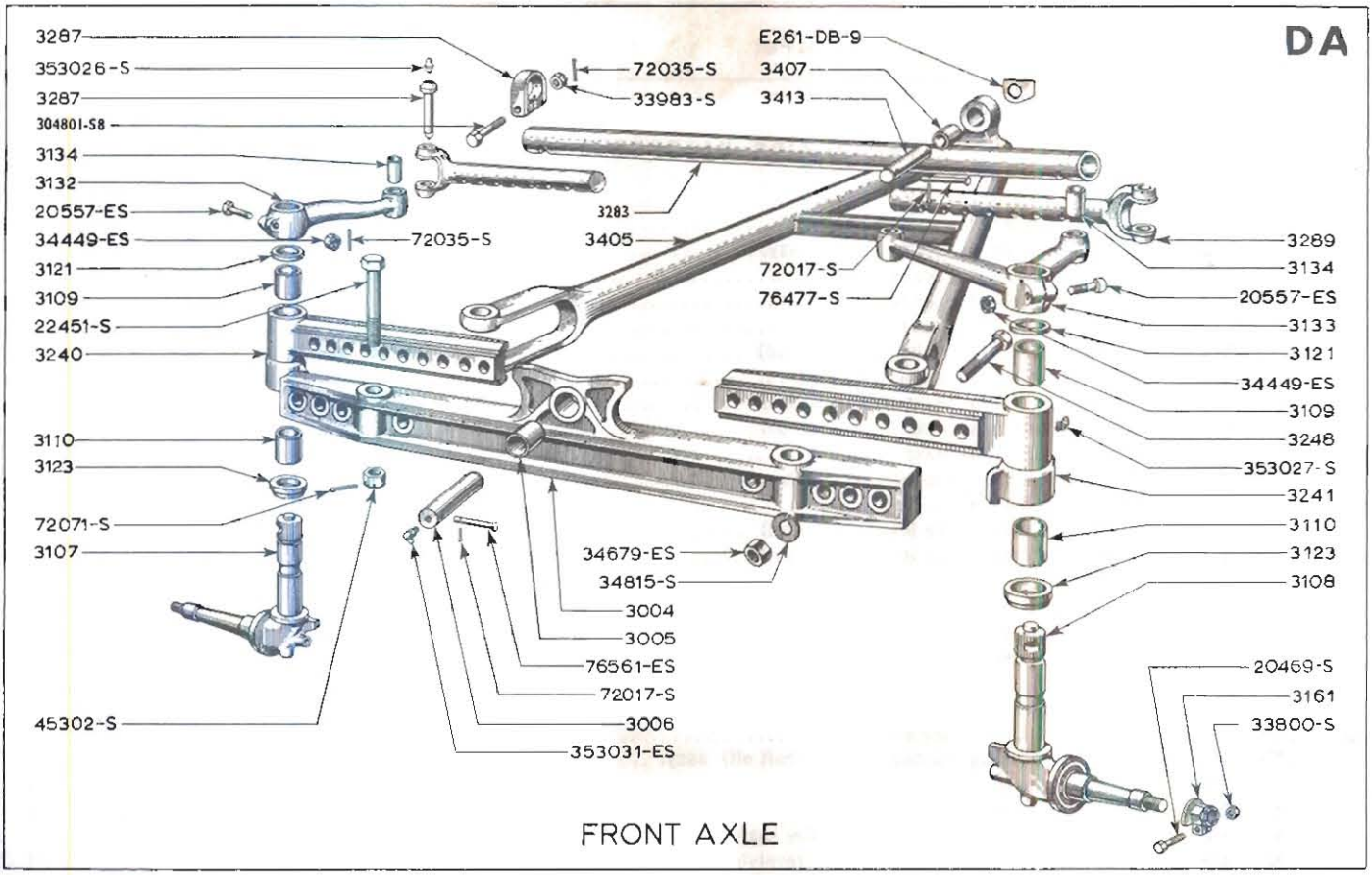


TRANSMISSION BRAKE

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.		
		TRANSMISSION HAND BRAKE				P	D	V
CF/GB	E27N –2714	Cam (hand brake operating)		52/		1	1	1
CF	61637-S	Rivet (cam to hand brake lever)		52/		1	1	1
	E1ADKN–2738	Cover (steering brake)		1/57/60/12		2	2	2
	E27N –2766-B	Plate (brake adjuster cover)		52/	See "Steering Brakes"	2	2	2
	E27N –2766-B	Plate (brake adjuster cover)		52/60/11	Part of E27N-2774-B	2	2	2
	E1ADKN–2767	Drum (steering brake)	5	52/60/11	See "Steering Brakes"	2	2	2
	E1ADDN–2768	Housing (steering brake plate rear support)		12/60/		2	2	–
	E1ADKN–2773-A	Seal (brake extension housing oil) assy. – inner	5	52/60/11	See "Steering Brakes"	2	2	2
CA	E1ADDN–2773-A	Seal (steering brake oil)		12/60/		2	2	–
	E27N –2774-B	Cover (steering brake) assy		52/60/11	See "Steering Brakes"	2	2	2
CF/GB	E1ADDN–2777	Grip (hand brake lever)		52/		1	1	–
CF/GB	E292-FD-9	Lever (hand brake) assy.		52/		1	1	1
CF/GB	118385-ES	Washer (lever to transmission housing)		52/		1	1	1
CF	E83W-13515	Spring (hand brake lever retracting)		52/		1	1	1
CF/GB	E48-FD-9	Bracket (hand brake lever retracting spring)		52/		1	1	1
CF	E1ADKN–2785	Rod (hand brake lever pawl)		52/60/12		1	1	1

TRANSMISSION HANDBRAKE—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
CF/GB	E1ADDN–2785	Rod (hand brake lever pawl)		12/60/		1	1	–
CF/GB	E213-FD-9	Rod (hand brake) and button assy.		12/60/		1	1	–
	E27N –2786-B	Pawl (hand brake lever)	3	52/60/12		1	1	1
CF/GB	E27N –2786-B	Pawl (hand brake lever)		12/60/		1	1	–
CF	72000-S	Split pin (pawl to rod)		52/		1	1	1
GB	E1ADKN–2787	Nipple (hand brake lever pawl rod)		52/60/12		1	1	1
CF/GB	E1ADKN–2787	Nipple (hand brake lever pawl)		12/60/		1	1	–
	YE –2793	Spring (hand brake lever pawl rod)		52/60/12		1	1	1
CF/GB	E1ADDN–2793	Spring (hand brake lever pawl rod)		12/60/		1	1	–
CF/GB	E27N –2795	Sector (hand brake lever)	5	52/		1	1	1
CF/GB	20412-S7	Screw (sector to transmission housing)		52/		2	2	2
CF/GB	34809-S	Lockwasher		52/		2	2	2
	E1ADKN–2796	Arm (hand brake lever latch pivot)		54/60/12		1	1	1
CF/GB	E1ADDN–2796	Arm (hand brake lever latch pivot)		12/60/		1	1	–
CF/GB	72003-S7/8	Split pin		12/60/		2	2	–
	508E –2817	Retainer (hand brake pawl rod)		52/60/12		1	1	1
	34079-S7/8	Nut		52/60/12		1	1	1
	44712-S7/8	Washer		52/60/12		1	1	1
CF/GB	E27N –2867-A	Seal (hand brake camshaft oil)	5	52/		1	1	1
CC	E27N –2867-A	Seal (brake and clutch cross-shaft oil) assy.	5	52/	See "Steering Brakes"	2	2	2
CF	E27N-7702	Shaft (transmission brake)	2	53/		1	1	1
CF	N-115095-A	Spring (brake shaft return)	2	52/		1	1	1
CF	N-7703-C	Hub (transmission reverse idler shaft)	3	52/		1	1	1
CF	N-7704-B	Plate (transmission brake) – revolving	10	52/		5	5	5
CF	N-7705-B	Plate (transmission brake) – stationary	10	52/		7	7	7
	N-7706-C	Pin (transmission brake plate)	3	52/60/1		2	2	2
CF	E1ADDN-7706	Pin (transmission brake plate)		1/60/		2	2	–
CF	N-7707-B	Spring (transmission brake)	3	52/		1	1	1
CF	E27N-7708-B	Nut (transmission brake spring retainer)		52/		1	1	1
CF	72053-S	Split pin (transmission brake spring retainer nut)		52/		1	1	1
CF/GB S	73886-S7	Clevis pin (handbrake lever latch pivot)		52/	Replaces 76175-S2	1	1	–
CF/GB S	73887-S7	Clevis pin (hand brake pivot arm securing)		52/	Replaces 76176-S2	1	1	–



Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.
		FRONT AXLE				P D V
	E27N –3004-B	Axle (adjustable front) assy. – centre	2	52/60/12		1 1 1
DA	E1ADDN–3004-A	Axle (adjustable front) assy. – centre		12/60/		1 1 1
	E1ADDN –3004-B	Axle (front) assy – fixed		12/60/		1 1 1
	N –3005	Bush (front axle trunnion)	20	52/60/12		1 1 1
DA	E1ADDN –3005-B	Bush (front axle trunnion)		12/60/		1 1 1
	N –3006	Trunnion (front axle)	20	52/60/12		1 1 1
DA	E1ADDN –3006-C	Trunnion (front axle)		12/60/		1 1 –
	N-22426	Washer (trunnion)	5	52/60/12		2 2 2
	72095-S	Split pin		52/60/12		2 2 2
DA	353031-ES7/8	Lubricator (front axle trunnion)		10/61/		1 1 –
DA	E1ADKN-3107	Spindle (front wheel) assy. - R.H.	5	52/		1 1 1
DA	E1ADKN-3108	Spindle (front wheel) assy. - L.H.	5	52/		1 1 1
BB/DA	E27N-3161-B	Nut (spindle clamp)	3	52/		2 2 2
	7V –3109	Bush (brake pedal shaft)	2	52/60/12		2 2 2
	7V –3109	Bush (R.H. brake pedal)	2	52/60/12		1 1 1
	72071-S	Split pin		52/		2 2 2
CB	7V –3109	Bush (transmission brake cam)	10	52/	Ind	2 2 –
DA	E27N –3109	Bush (front wheel spindle) – upper	75	52/		2 2 2

FRONT AXLE— *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
DA	E27N –3110	Bush (front wheel spindle) – lower	70	52/		2	2	2
DA	E1ADDN–3121	Seal (steering arm dust)	40	52/		2	2	2
	Y –3122	Pin (primary gear change lever to relay lever locking)	10	11/54/60/5	See "Gear Change"	1	1	1
	7V –3123-B	Bearing (H.P.L. levelling box)	3	52/60/11	With H.P.L.	1	1	1
DA	E27N–3123-B	Bearing (front wheel spindle) assy.	10	52/	(U. S. only)	2	2	2
	E1ADDN–3123	Bearing Assy - Frt. Wheel Spindle		46/	(U. K. only)	2	2	2
DA	E1ADKN–3132	Arm (spindle steering) assy. – R.H.	5	52/		1	1	1
DA	E1ADKN–3133-B	Arm (spindle steering) assy. – L.H.	10	52/		1	1	1
DC	♦■■E1ADKN–3133-C	Arm (spindle steering) assy. – L.H.	2	52/		1	1	1
	†E27N-3545	Bolt (steering arm clamping)		52/55/9		2	2	2
	33983-S2	Nut		52/55/9		2	2	2
DA	72035-S	Split pin		52/55/9		2	2	2
DA	♦ 20557-ES2	Bolt (steering arm clamping)		9/55/	With 34449-ES2A replaces E27N-3545	2	2	2
DA	♦ 34449-ES2A	Nut		9/55/	With 20557-ES2 replaces E27N–3545	2	2	2
DA	N –3134	Bush (steering arm)	70	52/		2	2	2
DA/BB	E27N –3161-B	Nut (front wheel spindle clamp)	3	52/		2	2	2
DA/BB	20469-S2	Bolt (clamping)		52/		2	2	2
DA/BB	33800-S7/8	Nut		52/		2	2	2
	34827-S7	Lockwasher		52/		2	2	2
DA	E27N –3240	Extension (front axle) assy. – R.H.	2	52/		1	1	1
DA	E27N –3241	Extension (front axle) assy. – L.H.	2	52/		1	1	1
DA	E27N –3248	Bolt (front axle centre to extension)	2	52/		6	6	6
DA	34679-ES	Nut		52/		6	6	6
DA	34815-S	Lockwasher		52/		6	6	6
DA	E27N-3283	Tube - (spindle connecting rod)	2	52/		1	1	1
DC	■■E27N –3284	Stud (steering arm ball)	5	52/61/2		2	2	2
DC	■■33987-S	Nut		52/61/2		2	2	2
DC	■■72053-S	Split pin		52/61/2		2	2	2
DA	N –3287	Pin (spindle connecting rod yoke)		52/		2	2	2
DA	353026-A2-S8	Lubricator		52/		2	2	2
DA	72035-S	Split pin		52/		2	2	2
DA	E27N –3287	Clip (spindle connecting rod tube)	40	52/		2	2	2
DA	304801-S36	Bolt (clip clamping)		52/		2	2	2
DA	33983-S2	Nut		52/		2	2	2
DA	72035-S	Split pin		52/		2	2	2
DA	E27N –3289-A	End (spindle connecting rod) assy.	3	52/		2	2	2
DB	E1ADDN –3304-B	Link (steering drag) assy.		52/		1	1	–
DC	E1ADDN –3304-C	Link (steering drag) assy.		52/		1	1	–
	380038-S43	Nut (steering drag link to steering arm) Nyloc		2/61/	Replaces 34428-ES2C	1	1	–
	380038-S43	Nut (steering drag link to spindle arm) Nyloc		2/61/	Replaces 34428-ES2C	1	1	–
DB	E346-JB-9	Boot (steering drag link)		2/61/		ar	ar	–
DB	E347-JB-9	Retainer (steering drag link boot)		2/61/		ar	ar	–
DB	E348-JB-9	Clip (steering drag link boot)		2/61/		ar	ar	–
DB	E349-JB-9	Clip (steering drag link boot)		2/61/		ar	ar	–
	■■353027-S7	Lubricator – straight		52/		1	1	1
	♦ ■■33987-S2	Nut (drag link to power steering unit)		52/		2	2	2
	♦■■72053-S	Split pin		52/		2	2	2
DC	■■BE –3320	Socket (drag link ball)	5	52/		1	1	1
DC	■■E1ADKN–3326	Seat (drag link ball)	5	52/		2	2	2
DC	■■B –3327	Spring (drag link ball)	5	52/		2	2	2
DC	■■BE –3328	Plug (drag link ball)	5	52/		2	2	2
DC	■■72071-S	Split pin		52/		2	2	2

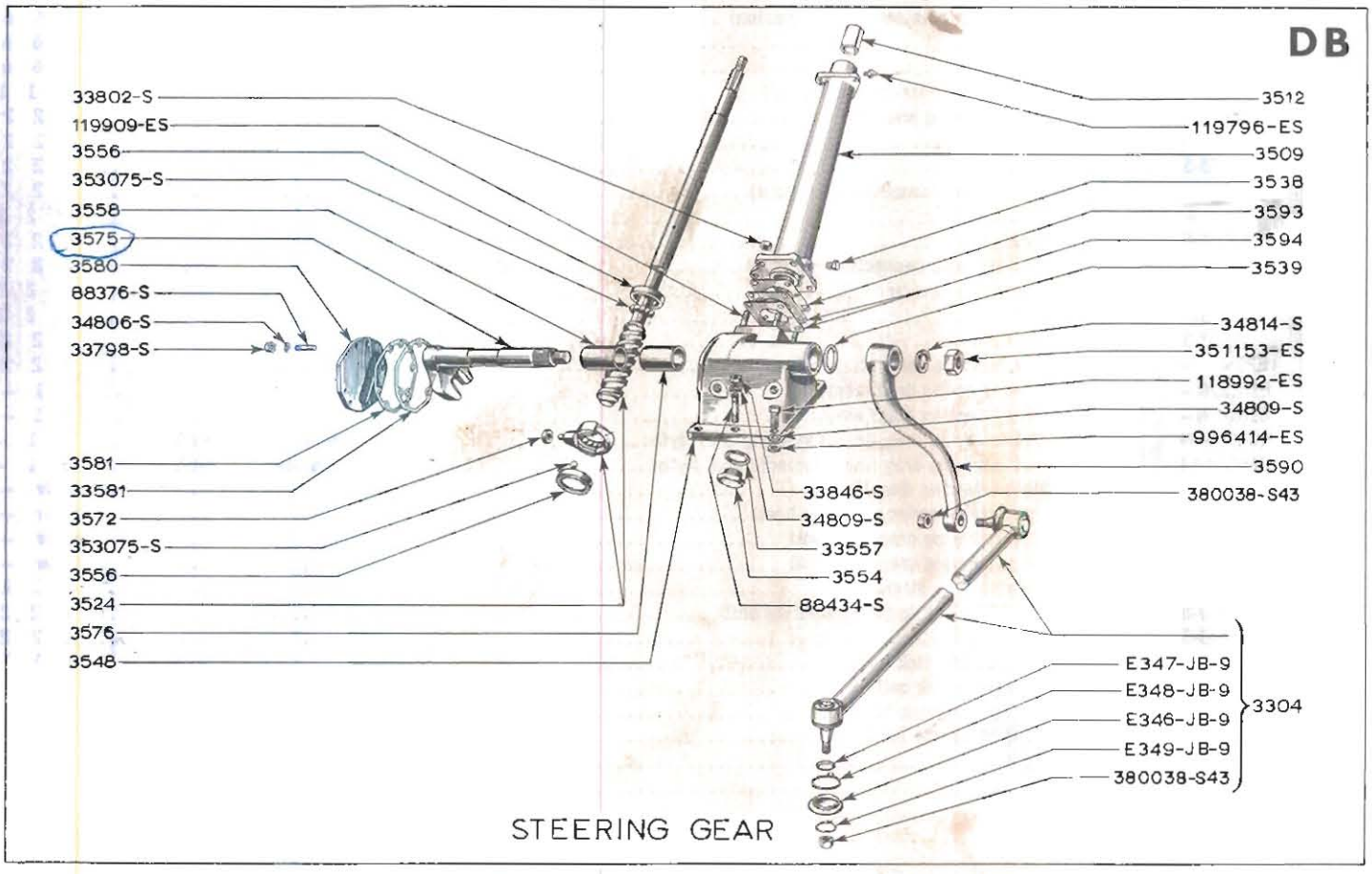
† When replacing E27N-3545 with (1) 20557-ES2 sypply also (1) 34449-ES2A ■■ Use W/Power Assisted Steering

♦ Part of E16/E17-WR-9 ♦ Part of E16-WR-9

FRONT AXLE—*continued*

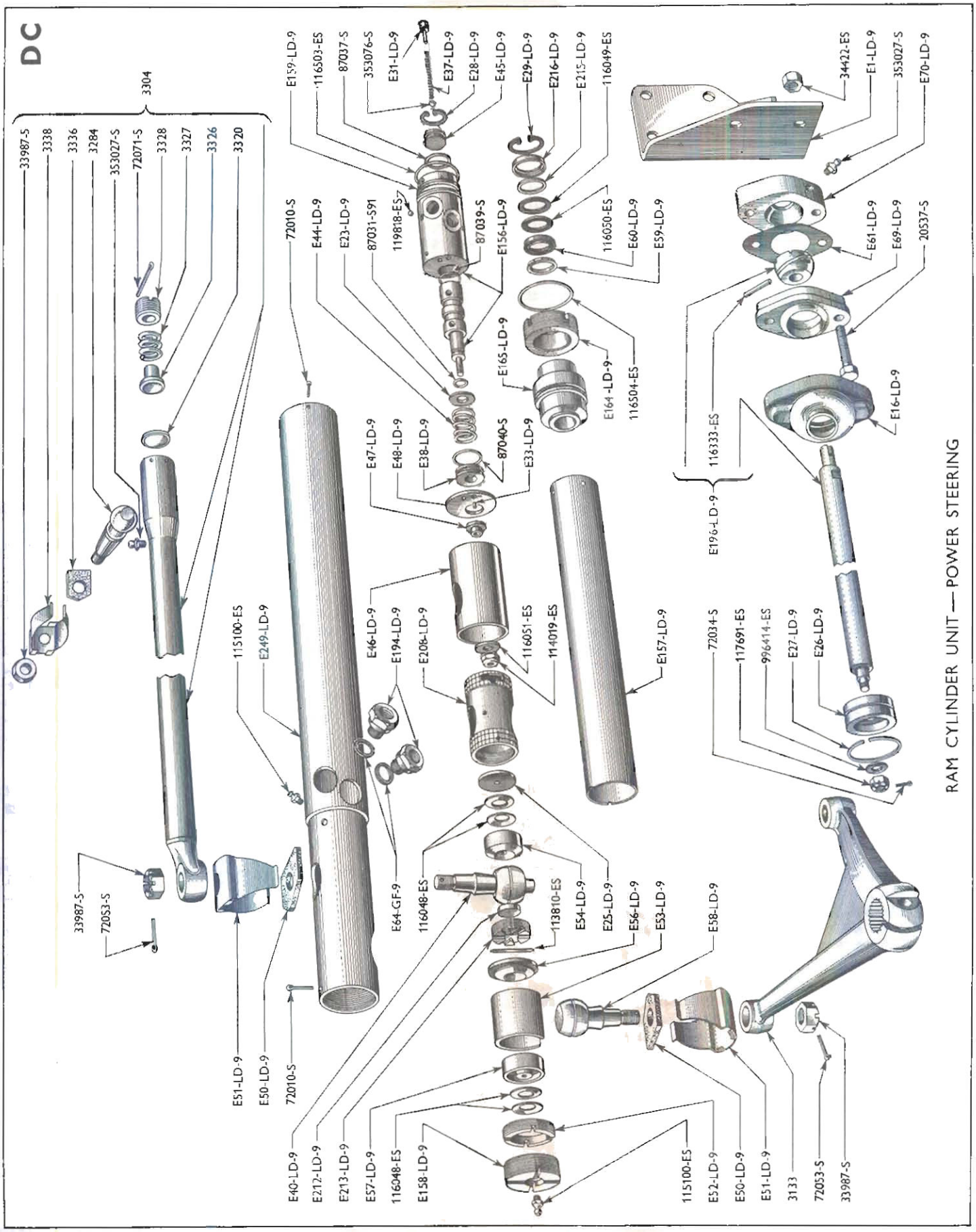
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
DC	■■E27N –3336	Retainer (drag link grease)	3	52/		2	2	2
DC	■■E27N –3338	Cap (drag link grease retainer)	3	52/		2	2	2
Y	E27N –3405-D	Rod (adjustable axle radius) assy.		52/60/11		1	1	1
DA	E1ADDN–3405-A	Rod (adjustable axle radius) assy.		11/60/		1	1	1
DA	22451-ES	Bolt (radius rod to front axle)		52/		2	2	2
DA	45302-S	Nut		52/		2	2	2
DA	72071-S	Split pin		52/		2	2	2
	N –3407	Bush (radius rod yoke)		52/60/11		1	1	1
DA	E1ADDN–3407	Bush (radius rod yoke)		11/60/		1	1	1
	N –3413-C	Pin (radius rod)–rear		52/60/11		1	1	1
DA	E1ADDN–3413	Pin (radius rod)–rear		11/60/		1	1	1
DA	E261-DB-9	Washer (radius rod pin)		11/60/		1	1	1
	72148-S	Split pin		52/60/11		1	1	1
	305142-S	Tension Pin (outer)		11/60/		2	2	2
	305139-S	Tension Pin (inner)		11/60/		2	2	2
DA	76561-ES7/8	Clevis pin (trunnion to crossmember)		2/62/		1	1	–
DA	76477-S7/8	Clevis pin (radius rod to sump)		2/56/		1	1	–
DA	72017-S	Split pin		2/56/		2	2	–

■■ Use with power Assisted Steering



STEERING GEAR

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADKN–3503-C	Gear (steering) assy.– less wheel		52/58/8		1	1	1
	E1ADKN–3503-D	Gear (steering) assy. –less wheel		52/58/8	Export when requested	1	1	1
	E1ADDN –3503-C	Gear (steering) assy.. – less wheel		8/58/		1	1	–
	E1ADDN –3503-D	Gear (steering) assy. – less wheel		8/58/	Export when requested	1	1	–
	118992-ES2	Screw (steering gear to front transmission housing)		52/62/1		5	5	5
DB	118992-ES2	Screw (steering gear to front transmission housing)		1/62/		3	3	3
	996414-ES	Washer		52/62/1		5	5	5
DB	996414-ES	Washer		1/62/		3	3	3
DB	88434-S	Stud (steering gear to front transmission housing)		1/62/		2	2	2
DB	33846-S8	Nut		1/61/		2	2	2
DB	34809-S36	Lockwasher		52/		5	5	5
	E1ADKN–3509	Column (steering) assy.		52/58/8		1	1	1
DB	E1ADDN–3509	Column (steering) assy.	2	8/58/		1	1	–
	353026-A2-S8	Lubricator		52/58/8		1	1	1
DB	119796-ES7B	Lubricator		8/58/		1	1	–
DB	N –3512-C	Bush (steering column)	5	52/		1	1	1
	E1ADDN–3514	Gasket (steering gear housing to front transmission housing)		52/		1	1	1
GA	957E-7513	Bush (pulley drive gear)		52/		2	2	2
	E1ADKN–3520	Cap (steering column dust)		52/		1	1	1
	E1ADKN-3524-B	Shaft (strg. gear) and main nut assy 24-1/32" Long	15	52/58/8		1	1	1
DB	E1ADDN–3524	Shaft (strg. gear) and main nut assy. 25-7/8" Long	3	8/58/		1	1	–
DB	353075-S	Ball (main nut recirculating)		52/		14	14	14
	N–22420	Washer (steering shaft thrust)		52/		1	1	1
DB	E493A–3538	Plug (steering gear oil filler)		52/		1	1	1
	116522-ES	Seal (steering gear rocker shaft oil)		52/61/6		1	1	1
	118399-ES	Washer (oil seal retaining)		52/61/6		1	1	1
DB	E1ADDN–3539	Seal (steering gear rocker shaft oil)		6/61/		1	1	–
	C5NN–3538-A	Plug (housing) 1/2 - 14 NTP		52/	Replaces 119768-ES	1	1	1
DB	E1ADDN–3548	Housing (steering gear) and bush assy.		52/		1	1	1
DB	119909-ES	Stud (housing to column)		52/		4	4	4
	34671-S34	Nut		52/		4	4	4
	34808-S36	Lockwasher		52/		4	4	4
	34808-S36	Lockwasher		52/		4	4	4
DB	E1ADKN–3554	Plug (steering gear housing base)		52/		1	1	1
DB	E1ADKN–33557	Washer (copper)		52/		1	1	1
DB	E1ADKN–3556	Race (steering shaft adjustable ball)	10	52/		2	2	2
DB	353075-S	Ball (steering shaft bearing)		52/		20	20	20
DB	E1ADKN–3558	Bush (steering gear rocker shaft)–inner	5	52/		1	1	1
DB	E1ADKN–3572	Roller (steering gear main nut to cover plate)	10	52/		1	1	1
DB	E1ADKN–3575-B	Shaft (steering gear rocker)	5	52/		1	1	1
DB	E1ADKN–3576	Bush (steering gear rocker shaft)–outer	5	52/		1	1	1
	E1ADDN–3578	Grommet (steering column to instrument panel)		8/58/		1	1	–
DB	E1ADKN–3580	Cover (steering gear housing)	2	52/		1	1	1
DB	88376-S	Stud (cover to housing)		52/		2	2	2
DB	33798-S7/8	Nut		52/		2	2	2
	20386-S7	Screw (cover to housing)		52/		4	4	4
DB	34806-S36	Lockwasher		52/		6	6	6
DB	E1ADKN–3581	Gasket (steering gear housing cover)	15	52/		1	1	1
DB	E1ADKN–33581-A	Shim (steering gear housing cover)	5	52/	Steel–.005" thick	As reqd.		
	E1ADDN-3590	Arm (steering) - rear (Repl. E1ADKN-3590)	2	52/60/11		1	1	1


DC
3304
33987-S
3338
3336
3284
353027-S
72071-S
3328
3327
3326
3320
72053-S
E51-LD-9
E50-LD-9
72010-S
115100-ES
E249-LD-9
E40-LD-9
E212-LD-9
E213-LD-9
E57-LD-9
116048-ES
E158-LD-9
115100-ES
E52-LD-9
E50-LD-9
E51-LD-9
3133
72053-S
33987-S
E64-GF-9
116048-ES
E54-LD-9
E25-LD-9
E56-LD-9
E53-LD-9
E58-LD-9
E46-LD-9
E194-LD-9
E208-LD-9
116051-ES
114019-ES
E157-LD-9
E47-LD-9
E48-LD-9
E38-LD-9
87040-S
E33-LD-9
72010-S
E44-LD-9
E23-LD-9
87031-S91
119818-ES7
87039-S
E156-LD-9
E165-LD-9
E164-LD-9
116504-ES
E159-LD-9
116503-ES
87037-S
353076-S
E31-LD-9
E37-LD-9
E28-LD-9
E45-LD-9
E29-LD-9
E216-LD-9
E215-LD-9
116049-ES
116050-ES
E60-LD-9
E59-LD-9
E196-LD-9
116333-ES
72034-S
117691-ES
996414-ES
E27-LD-9
E26-LD-9
34422-ES
E1-LD-9
353027-S
E70-LD-9
E61-LD-9
E69-LD-9
20537-S
E16-LD-9
RAM CYLINDER UNIT — POWER STEERING

STEERING GEAR—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
DB	E1ADDN–3590	Arm (steering)–rear		11/60/		1	1	–
DB	351153-ES	Nut (arm to rocker shaft)		52/		1	1	1
DB	34814-S2	Lockwasher		52/		1	1	1
DB	E1ADKN–3593	Gasket (steering column to housing)	10	52/		As reqd.		
DB	E1ADKN–3594	Shim (steering column to housing)	5	52/	Steel	As reqd.		
	E1ADKN–3600-A	Wheel (steering) assy.	5	52/		1	1	1
	351103-S7	Nut (steering wheel retaining)		52/		1	1	1
	34811-S7/8	Lockwasher		52/		1	1	1
	957E –3658	Key (starter isolation)		8/58/		–	2	–
	957E –3658	Key (ignition switch)		8/58/		2	–	–
	E1ADKN–3673	Washer (steering wheel) – flat		52/		1	1	1
	E1ADKN–3686	Cylinder (ignition switch) and keys assy.		52/58/8	See 'Ignition Switch'	1	1	1

POWER ASSISTED STEERING

POWER STEERING UNIT

	#*E16-WR-9	Kit (power steering)		4/57/	Accessory	1	1	–
	§E17-WR-9	Kit (power steering)		52/57/4		1	1	–
	§E18-WR-9	Kit (power steering)		4/57/		1	1	–
	♦E1ADKN-3133-C	Arm (spindle steering) assy. L. H.	2	52/		1	1	1
	♦20557-ES2	Bolt (steering arm clamping)		9/55/		2	2	2
	♦34449-ES2A	Split pin		9/57/		2	2	2
	♦E1ADDN-3304-C	Link (steering drag)		52/	Except tricycle	1	1	1
	E1ADDN-3304-D	Link (steering drag)		52/	Use with Tricycle	1	1	1
	♦33987-S2	Nut (drag link to power steering unit)		52/		2	2	2
	72053-S	Split pin		52/		2	2	2
♦	#E18–LD-9	Unit (power assisted steering) assy.		52/		1	1	1
	§E153-LD-9	Unit (power steering)		52/		1	1	–
DC	#E196-LD-9	Rod (power steering unit piston) assy.		52/		1	1	–
DC	#E26-LD-9	Piston (power steering unit)		52/		1	1	1
DC	#E27-LD-9	Ring (power steering unit piston)	2	52/		1	1	1
	§E146-LD-9	Piston (power steering unit)		52/		1	1	–
	§E147-LD-9	Ring (power steering unit piston)		52/		1	1	–
DC	117691-ES	Nut (piston rod to piston)		52/		1	1	1
DC	996414-ES	Washer		52/		1	1	1
DC	72034-S	Split pin		52/		1	1	1
DC	#E164-LD-9	Ring (power steering bearing lock)		52/		1	1	1
DC	#E165-LD-9	Bush (power steering) and plug assy.		52/		1	1	1
DC	#116504-ES	Seal (power steering unit plug)		52/		1	1	1
	§E154-LD-9	Bush (power steering unit) and plug assy.		52/		1	1	–
	§E160-LD-9	Ring (power steering unit bearing lock)		52/		1	1	–
	§116503-ES	Seal (power steering unit plug)		52/		1	1	–
DC	E60-LD-9	Seal (power steering unit piston rod)	10	52/		1	1	1
	#E225-LD-9	Spreader (power steering unit seal)		5/58/		1	1	1
	# E225-LD-9	Spreader (power steering unit seal)		52/61/5		1	1	1

Except Tricycle. § Use with Tricycle.
♦ Part of E16-WR-9 ♦ Part of E16-E17-WR-9
* When installing prior to 4/57/ also use (1) E9-LD-9 and (2) E1ADDN-6067-B

POWER ASSISTED STEERING—*continued*

POWER STEERING UNIT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	§ E225-LD-9	Spreader (power steering unit seal)		52/		1	1	–
DC	116050-ES	Washer (power steering unit piston rod seal)		52/		1	1	1
DC	116049-ES	Washer (power steering unit piston rod seal)		52/		1	1	1
	† E32-LD-9	Scraper (power steering unit piston rod)		52/59/6		1	1	1
DC	E215-LD-9	Scraper (power steering unit piston rod)		6/59/		1	1	1
	† E24-LD-9	Washer (power steering unit)		52/59/6	1" I.D.	1	1	1
DC	E216-LD-9	Washer (power steering unit scraper retaining)		6/59/		1	1	1
DC	E29-LD-9	Retainer (power steering unit bush)		52/		1	1	1
	E221–LD-5	Seal (power steering unit) dust		12/60/		1	1	1
	E221–LD-5	Seal (power steering unit) dust		5/61/		1	1	–
DC	72010-S	Split pin (outer tube to bush plug assy.)		52/		2	2	2
	§ E189-LD-9	Body (power steering unit valve) and spool assy.		5/58/61/5		1	1	–
	E223-LD-9	Body (power steering unit valve) and spool assy.		52/		1	1	1
DC	119818-ES	Ball (power steering unit valve spool)		6/59/		2	2	2
DC	116503-ES	Seal (power steering unit valve body)		52/		1	1	1
DC	87039-S91	Seal (power steering unit valve)		52/		1	1	1
DC	E45-LD-9	Cover (power steering unit valve end)		52/		1	1	1
DC	87037-S91	Seal (power steering unit end cover)		52/		1	1	1
DC	E28-LD-9	Retainer (power steering unit valve cover)		52/		1	1	1
	87040-S91	Seal (power steering unit valve end cover)		52/		1	1	1
DC	353076-S	Ball (power steering unit relief valve)		52/		1	1	1
DC	E37-LD-9	Spring (power steering unit relief valve)	2	52/		1	1	1
DC	E31-LD-9	Plug (power steering unit relief valve)		52/		1	1	1
DC	87031-S91	Seal (power steering unit spool)		52/		1	1	1
DC	E23-LD-9	Washer (power steering unit)		52/		1	1	1
DC	E44-LD-9	Spring (power steering unit reaction)		52/		1	1	1
DC	E38-LD-9	Ring (power steering unit reaction)		52/		1	1	1
DC	87040-S91	Seal (power steering unit reaction ring)		52/		1	1	1
DC	E48-LD-9	Spacer (power steering unit valve body)		52/		1	1	1
DC	E47-LD-9	Collar (power steering unit spool)		52/		1	1	1
	996297-ES	Nut (spool to power unit valve operating)		52/59/6		1	1	1
DC	114019-ES	Nut (spool to power unit valve operating)		6/59/		1	1	1
DC	116051-ES	Washer (power steering unit valve spool)		52/		1	1	1
DC	E33-LD-9	Pin (power steering unit spacer location)	2	52/		1	1	1
DC	# E208-LD-9	Sleeve (power steering unit valve operating)		52/		1	1	1
	§ E152-LD-9	Sleeve (power steering unit valve operating)		52/		1	1	–
DC	113810-ES	Clip (power steering valve operating sleeve)		52/		1	1	1
DC	E46-LD-9	Sleeve (power steering unit ball joint location)		52/		1	1	1
DC	E25-LD-9	Washer (power steering unit)		52/		1	1	1
DC	116048-ES	Washer (power steering unit ball cup spring)		52/		4	4	4
DC	E40-LD-9	Stud (power steering unit ball)		52/		1	1	1
DC	E54-LD-9	Cup (power steering unit ball)		52/		1	1	1
	▲ E55-LD-9	Cup (power steering unit ball)		52/59/7		1	1	1
DC	E213-LD-9	Holder (power steering unit ball cup)		7/59/		1	1	1
DC	E212-LD-9	Cup (power steering unit ball)		7/59/		1	1	1
DC	E50-LD-9	Pad (power steering unit grease retaining)	2	52/		2	2	2
DC	E51-LD-9	Cover (power steering unit ball joint)		52/		2	2	2
DC	E53-LD-9	Spacer (power steering unit ball cup)		52/		1	1	1
DC	E58-LD-9	Stud (power steering unit ball)		52/		1	1	1

#Except Tricycle §Use with Tricycle

†When replacing E24–LD-9 and/or E32–LD-9, supply (1) E215–LD-9 scraper and (1) E216–LD-9 washer

▲When replacing E55-LD-9 by E212-LD-9 supply also (1) E213-LD-9 Holder

POWER ASSISTED STEERING — *continued*

POWER STEERING UNIT — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
DC	E56-LD-9	Cup (power steering unit ball)		52/		1	1	1
DC	E57-LD-9	Cup (power steering unit ball)		52/		1	1	1
DC	E52-LD-9	Ring (power steering unit lock)		52/		1	1	1
DC	E158-LD-9	Cover (power steering unit end)		52/		1	1	1
DC	115100-ES	Lubricator (power steering unit end cover)		52/		1	1	1
DC	72010-S	Split pin (end cover retaining)		52/		1	1	1
	#E249-LD-9	Tube (outer) and end assy.		52/		1	1	–
	C5NN-3N609-A	"O" Ring 2-1/4 O.D. x .070 W (Used inside E249-LD-9)		52/		1	1	–
DC	#115100-ES	Lubricator		52/		1	1	1
DC	#E157-LD-9	Tube (power steering unit)—inner		52/		1	1	1
	§E151-LD-9	Tube (unit) – outer		52/		1	1	–
	E398-Z-9	Tube (unit) outer		52/		1	1	–
	§E150-LD-9	Tube (unit)—inner		52/		1	1	–
DC	#E159-LD-9	Collar (power steering unit locating)		52/		1	1	1
	E10-LD-9	Adaptor (power steering unit)		52/59/3		2	2	2
DC	†E194-LD-9	Adaptor (power steering unit)	2	3/59/		2	2	–
DC	E64-GF-9	Seal (adaptor to power steering unit)		52/		2	2	2
DC	E69-LD-9	Cap (power steering unit abutment)		52/		1	1	1
DC	E70-LD-9	Spacer (power steering unit abutment)		52/		1	1	1
DC	353027-S7/8	Lubricator		52/		1	1	1
DC	E61-LD-9	Shim (power steering unit abutment)		52/	.002" thick	ar	ar	ar
	E62-LD-9	Shim (power steering unit abutment)		52/	.005" thick	ar	ar	ar
	E63-LD-9	Shim (power steering unit abutment)		52/	.010" thick	ar	ar	ar
DC	E16-LD-9	Cover (power steering unit abutment)	2	52/		1	1	1
DC	♦#E1-LD-9	Bracket (power steering unit abutment)		52/		1	1	1
DC	♦#20537-S2	Bolt (power steering unit to abutment bracket)		52/		2	2	2
DC	♦#34422-ES	Nut		52/		2	2	2
	♦#20492-S2	Bolt (abutment bracket to side member)		52/		4	4	4
	♦#34806-S7/8	Lockwasher		52/		4	4	4
	♦#44722-S7	Washer		52/		4	4	4
	‡E122-LD-9	Bracket (unit abutment)		52/		1	1	–
	‡20433-S2	Bolt (bracket to side member)		52/		4	4	–
	‡33846-S2	Nut		52/		4	4	–
	34809-S2	Lockwasher		52/		4	4	–
	‡20537-S2	Bolt (unit to abutment bracket)		52/		2	2	–
	‡34422-ES	Nut		52/		2	2	–

PUMP AND RESERVOIR

	♦E6-LD-9	Pump (power steering and reservoir) assy.		52/		1	1	1
DD	E86-LD-9	Body (power steering pump) assy.		52/		1	1	1
DD	E95-LD-9	Rotor (power steering pump) assy.		52/		1	1	1
DD	E90-LD-9	Shaft (power steering pump drive)		52/		1	1	1
DD	E217-LD-9	Seal (power steering pump drive shaft)		52/		1	1	1
DD	115003-ES	Key (power steering pump inner rotor to drive shaft)		52/		1	1	1
DD	E91-LD-9	Bearing (power steering pump drive shaft)—front		52/		1	1	1
DD	115509-ES	Ring (power steering pump drive shaft lock)		52/		1	1	1
DD	115510-ES	Ring (power steering pump shaft bearing lock)		52/		1	1	1
DD	E89-LD-9	Cover (power steering pump) assy.		52/		1	1	1
DD	116324-ES	Dowel (power steering pump cover to body)		52/		2	2	2
DD	87146-S94	Gasket (power steering pump body to cover)		52/		1	1	1
DD	87034-S94	Gasket (power steering pump body oil seal drilling)		52/		1	1	1
DD	115765-ES	Screw (power steering pump cover to body) and lockwasher assy.		52/		4	4	4
DD	E92-LD-9	Housing (power steering pump flow valve)		52/		1	1	1

† Use with flared end pipes # Except Tricycle § With Tricycle

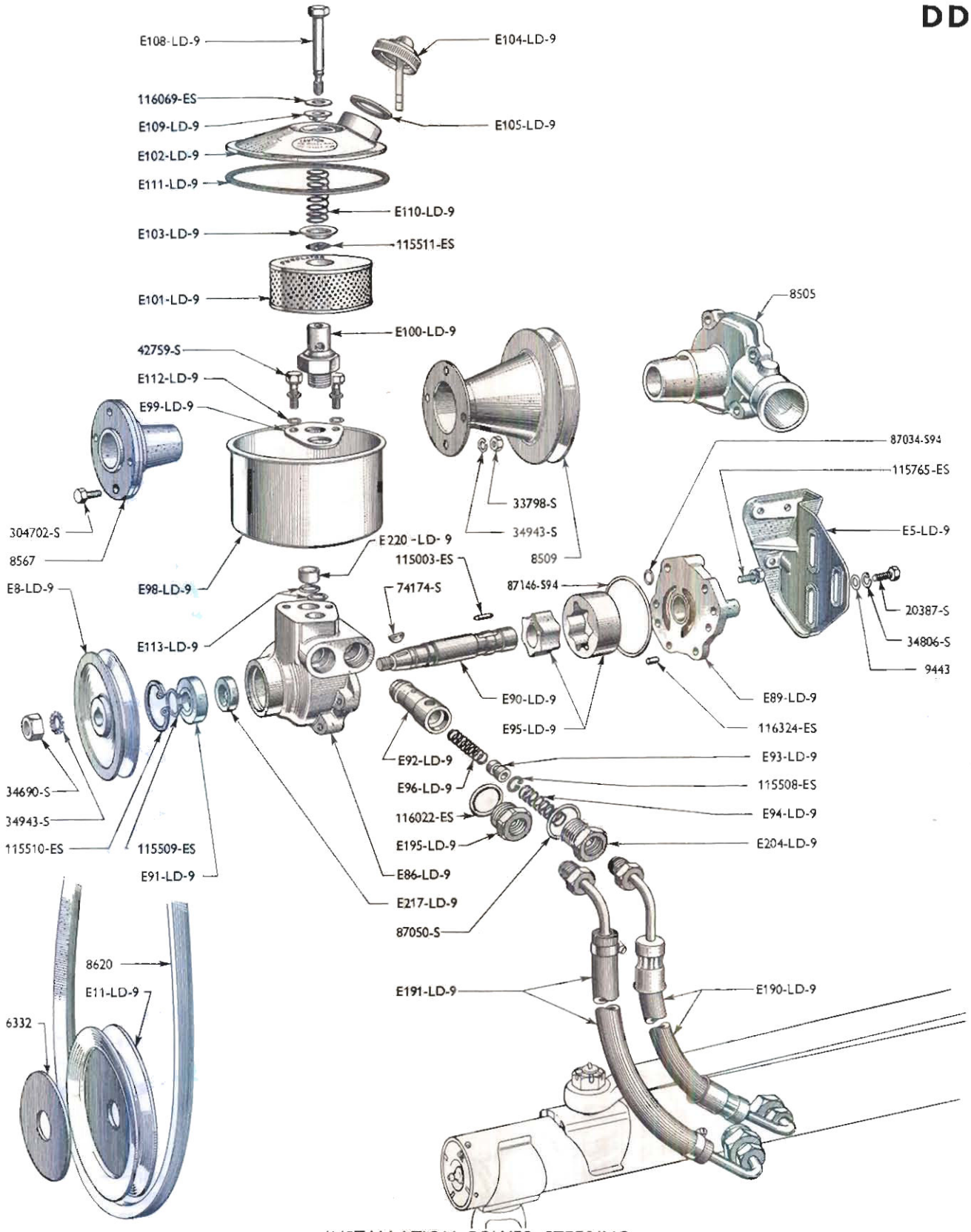
POWER ASSISTED STEERING—*continued*

PUMP AND RESERVOIR—*continued*

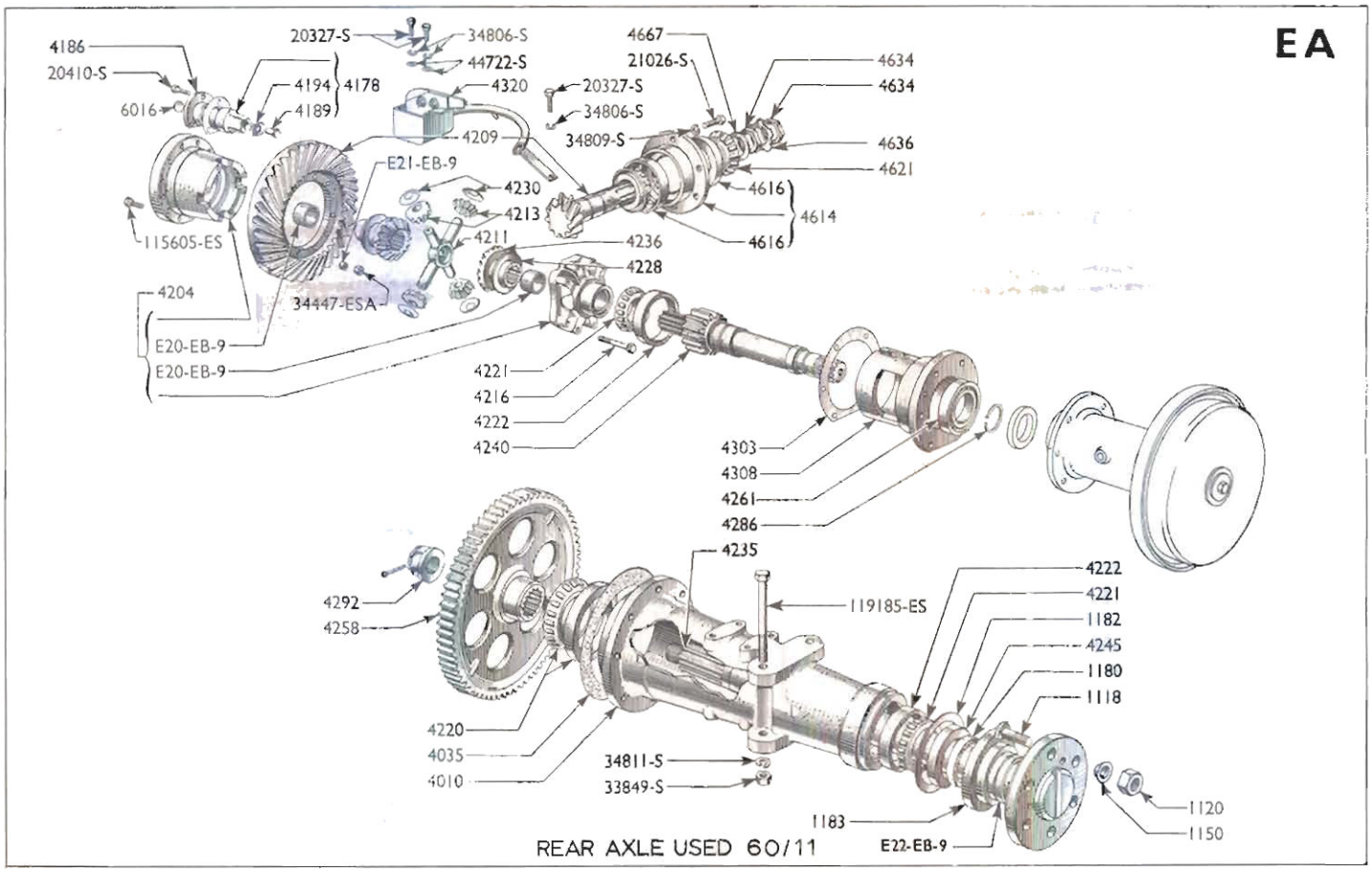
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
DD	E93-LD-9	Valve (power steering pump relief)		52/		1	1	1
DD	E96-LD-9	Spring (power steering pump flow control valve)		52/		1	1	1
DD	115508-ES	Ring (power steering pump relief valve lock)		52/		1	1	1
DD	E94-LD-9	Spring (power steering pump relief valve)		52/		1	1	1
	E97-LD-9	Adaptor (power steering pump) outlet		52/59/6		1	1	1
DD	†E204-LD-9	Adaptor (power steering pump) outlet		6/59/		1	1	–
DD	87050-S91	Gasket (power steering pump outlet adaptor to body)		52/		1	1	1
	‡E12-LD-9	Adaptor (power steering pump)—inlet		52/59/6		1	1	1
DD	♦†E195-LD-9	Adaptor (power steering pump)—inlet		6/59/		1	1	–
DD	♦116022-ES	Gasket (adaptor to pump housing)		52/		1	1	1
DD	♦E8-LD-9	Pulley (power steering pump)—driven		52/		1	1	1
DD	♦74174-S	Key (pulley to pump shaft)		52/		1	1	1
DD	♦34690-S2	Nut		52/		1	1	1
DD	34943-S2	Lockwasher		52/		1	1	1
DD	E98-LD-9	Reservoir (power steering pump)		52/		1	1	1
DD	E102-LD-9	Cover (power steering pump reservoir)		52/		1	1	1
DD	E111-LD-9	Gasket (power steering pump reservoir cover)		52/		1	1	1
DD	E104-LD-9	Cap (power steering pump reservoir filler) assy.		52/		1	1	1
DD	E105-LD-9	Gasket (power steering pump reservoir filler cap)		52/		1	1	1
DD	E108-LD-9	Screw (power steering pump reservoir cover)		52/		1	1	1
DD	E109-LD-9	Gasket (power steering pump reservoir cover screw)		52/		1	1	1
DD	116069-ES7/8	Washer (power steering pump reservoir cover screw)		52/		1	1	1
DD	E100-LD-9	Stud (power steering pump reservoir)		52/		1	1	1
DD	E99-LD-9	Plate (power steering reservoir reinforcing)		52/		1	1	1
DD	E112-LD-9	Gasket (power steering pump reservoir retaining screw)		52/		2	2	2
DD	42759-S2	Screw (reservoir to pump body) and washer assy.		52/		2	2	2
DD	E101-LD-9	Element (power steering pump filter) assy.		52/		1	1	1
DD	E110-LD-9	Spring (power steering pump reservoir filter element retaining)		52/		1	1	1
DD	E103-LD-9	Cap (power steering pump filter element)		52/		1	1	1
DD	115511-ES	Clip (power steering pump reservoir screw)		52/		1	1	1
DD	E220-LD-9	Retainer (pump gasket to reservoir)	3	52/		1	1	1
DD	E113-LD-9	Gasket (power steering pump reservoir to body)		52/		2	2	2
DD	♦E190-LD-9	Hose (power steering pump to unit)—high pressure	2	52/	Flared end type	1	1	1
	§E192-LD-9	Hose (power steering pump to unit)—high pressure		52/		1	1	–
DD	♦E191-LD-9	Hose (power steering pump to unit)—low pressure		52/	Flared end type	1	1	1
	‡§E193-LD-9	Hose (power steering pump to unit)—low pressure		52/		1	1	–
	♦E68-LD-9	Strap (power steering unit hose)		52/		1	1	1
	⊕E9-LD-9	Bracket (power steering pump mounting) assy.		52/57/4		1	1	1
DD	*E5-LD-9	Bracket (power steering pump mounting)		4/57/		1	1	–
	⊕EIADDN—6067-B	Bolt (mounting bracket to cylinder head)	2	52/57/4		2	2	2
DD	♦20387-S7/8	Bolt (power steering pump to mounting bracket)		52/		3	3	3
DD	♦34806-S36	Lockwasher		52/		3	3	3
DD	♦Y-9443	Washer		52/		3	3	3
DD	♦E11-LD-9	Pulley (power steering pump)—drive		52/		1	1	1
DD	♦EIADKN-6332-B	Washer (crankshaft pulley)		52/		1	1	1
DD	♦EIADKN-8620-C	Belt (fan)	50	52/		1	1	1
DD	♦EIADKN-8509-D	Pulley (water pump) assy.		52/		1	1	1
DD	♦EIADKN-8567-C	Hub (water pump pulley)		52/		1	1	1
DD	304702-S36	Bolt (hub to pulley)		52/		4	4	4
DD	♦33798-S7/8	Nut		52/		4	4	4
DD	♦34943-S2	Lockwasher		52/		4	4	4

⊕Use with engines built prior to April 1957— Engine No.1425097 † Use with flared end pipes.
§Use with Tricycle
♦ Part of E16-E17-WR-9 : Part of E17-WR-9

DD



INSTALLATION POWER STEERING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6016
4194
4189
4178
20327-S
34806-S
44722-S
4320
4209
E21-EB-9
4230
4213
4211
4236
4228
34447-ESA
115605-ES
4204
E20-EB-9
E20-EB-9
4221
4216
4222
4240
4667
21026-S
20327-S
34806-S
34809-S
4634
4634
4636
4621
4616
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4614
4303
4308
4261
4286
4235
119185-ES
4292
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4222
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4245
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4220
4035
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34811-S
33849-S
1183
E22-EB-9
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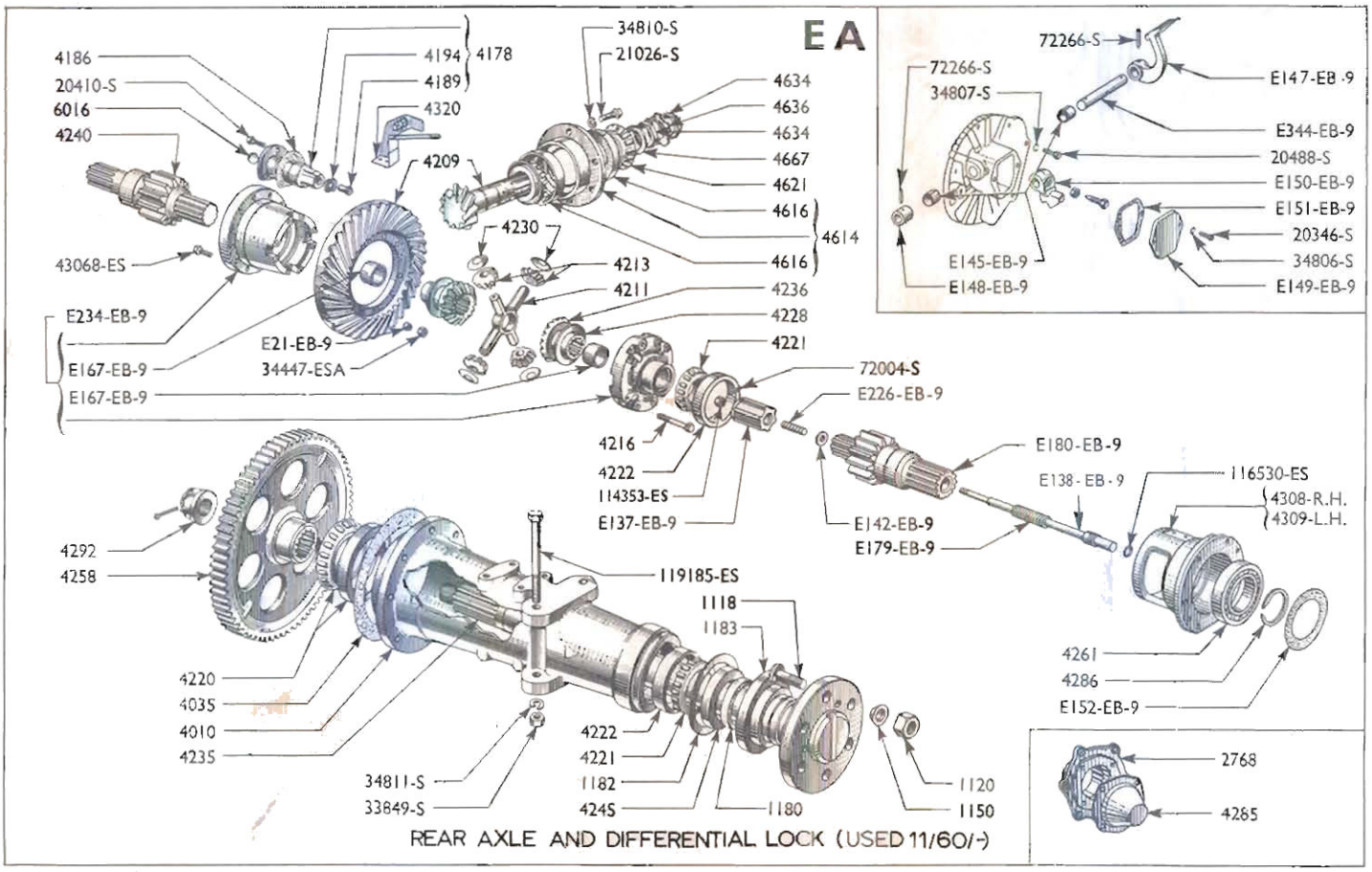
1150
REAR AXLE USED 60/11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4211
4236
4228
4221
43068-ES
E234-EB-9
E167-EB-9
E167-EB-9
E21-EB-9
34447-ESA
72004-S
E226-EB-9
4216
4222
114353-ES
E137-EB-9
72266-S
72266-S
34807-S
E147-EB-9
E344-EB-9
20488-S
E150-EB-9
E151-EB-9
20346-S
34806-S
E149-EB-9
E145-EB-9
E148-EB-9
E180-EB-9
E138-EB-9
116530-ES
4308-R.H.
4309-L.H.
E142-EB-9
E179-EB-9
4292
4258
119185-ES
1118
1183
4220
4035
4010
4235
34811-S
33849-S
4222
4221
1182
4245
1180
1120
1150
4261
4286
E152-EB-9
2768
4285
REAR AXLE AND DIFFERENTIAL LOCK (USED 11/60/-)

REAR AXLE AND REAR TRANSMISSION

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
EA	E1ADKN–4010-B	Housing (rear axle shaft)		52/	Heavy duty - Except Ind.	2	2	2
	E1ADKN–4010-C	Housing (rear axle shaft)		10/56/	Ind.	2	2	–
	E22-EB-9	Sleeve (rear axle bearing abutment)		10/56/	Heavy Duty	2	2	2
	21026-S	Screw (housing to rear transmission housing)		52/56/10	14 required with A.C.R.	16	16	16
	21044-S	Screw (housing to rear transmission housing)		10/56/	14 required with A.C.R.	16	16	–
	21062-S	Screw (housing to rear transmission housing)		10/56/		16	16	16
	21080-S	Screw (housing and A.C.R. bracket to rear transmission housing)		52/	With A.C.R.	2	2	2
	21053-S	Screw (A.C.R. spring retaining bracket to rear transmission housing)		11/60/	Use with A.C.R.	2	2	–
	353026-A2 - S8	Lubricator		52/60/11		4	4	4
	74217-ES	Button plug		52/58/3	12 required with H.P.L.	16	16	16
	115301-ES	Button plug		3/58/	12 required with H.P.L.	16	16	16
	E1ADKN–4014	Cover (rear transmission housing)–top		52/	Less H.P.L.	1	1	1
	359264-S8	Screw (cover to housing)		52/		13	13	13
	34808-S36	Lockwasher		52/		13	13	13
	E27N –4027	Cover (rear transmission housing)–lower		52/	Less H.P.L.	1	1	1
	20470-S	Screw (cover to housing)		52/		8	8	8
	E1ADKN-994567	Washer	2	52/		8	8	8
	E1ADKN-994661	Gasket (cover or H.P.L. pump pedestal to trans. housing)	5	52/		1	1	1
	E1ADDN–4028	Gasket (H.P.L. ram cylinder to rear transmission housing)	25	11/60/		1	1	–
	E1ADDN–4028	Gasket (H.P.L. ram cyl to rear trans. housing)	25	52/	With H.P.L.	1	1	1
	E1ADDN–4028	Gasket (rear trans. housing to top cover)	25	52/	Less H.P.L.	1	1	1
GA	E1ADDN–4032-A	Housing (rear transmission) and bush assy.		52/		1	1	–
GA	E1ADDN–4032-B	Housing (rear transmission) and bush assy.		52/	Special application with reverse crown wheel & pinion	1	1	–
	7V-3109	Bush (clutch and brake pedal shaft)	2	52/60/11		2	2	2
	20517-S	Bolt (front to rear transmission)		52/		8	8	8
	20517-ES	Bolt (front to rear transmission)–dowel		52/		2	2	2
	20525-S2	Bolt (front to rear trans. to mudguard platform support)		52/		4	4	4
	20525-S2	Bolt (front to rear trans. to mudguard platform support)		52/		3	3	3
	20525-S2	Bolt (front to rear trans. to pawl actuating rod guide)		52/		1	1	1
	34671-S34	Nut		52/		14	14	14
	34808-S36	Lockwasher		52/		14	14	14
	74217-ES	Button plug		52/	4 required with H.P.L.	14	14	14
	E1ADKN-7055	Dowel (housing to H.P.L. ram cylinder)		52/	With H.P.L.	2	2	2
	E27N-7010-A	Plug (rear transmission drain)	3	52/		1	1	1
	E27N-7010-C	Plug (rear transmission filler)	3	52/		1	1	1
	E27N-7011-A	Gasket (rear transmission drain plug)	5	52/		1	1	1
	E27N-7011-B	Gasket (rear transmission filler plug)	5	52/60/11		1	1	1
EA	E27N –4035	Gasket (rear axle shaft housing)	10	52/60/9		2	2	2
EA	E1ADDN–4035	Gasket (rear axle shaft housing)		9/60/		2	2	2
	E27N –4100	Tube (brake plate to axle housing lubricating)		52/	Ind.	2	2	–
	E27N –4101	Plug (brake plate to lubricating tube)		52/	Ind.	2	2	–
	33947-S	Nut (plug to brake plate)		52/	Ind.	2	2	–
	353031-ES7/8	Lubricator		52/	Ind.	2	2	–
	A-17540-A	Connector (lubricating tube to axle housing)	2	52/	Ind.	2	2	–
	B-17542-A	Nut (lubricating tube union)	3	52/	Ind.	4	4	–
EA	E1ADDN–4178	Block (driving gear thrust) and housing assy.		52/		1	1	–
EA	20410-S2	Screw (housing to transmission housing)		52/		3	3	3
EA	N-6016	Plug (expansion)	20	52/		1	1	1
EA	E27N –4186	Gasket (driving gear thrust block housing)		52/		As reqd.		
EA	BB –4189	Rivet (driving gear thrust block)		52/		1	1	1
EA	E27N –4194	Block (driving gear thrust)		52/		1	1	1

REAR AXLE AND TRANSMISSION—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADKN–4203-B	Gear (driving) pinion and differential case		11/55/		1	1	1
EA	E1ADKN–4204	Case (differential) assy.		52/60/11		1	1	1
EA	E234-EB-9	Case (differential) and bush assy.		11/60/		1	1	–
EA	E1ADKN–4209	Pinion (driving) and gear assy.		52/60/11	3.5:1 ratio	1	1	1
EA	E1ADDN–4209-A	Pinion (driving) and gear assy.		11/60/	3.5:1 ratio	1	1	–
EA	E1ADDN–4209-B	Pinion (driving) and gear assy.		11/60/	4.375:1 ratio	1	1	–
EA	E21-EB-9	Spacer (driving gear bolt)	2	52/		12	12	12
EA	115605-ES	Bolt (driving gear to differential case)		52/60/11		12	12	12
EA	43068-ES	Bolt (driving gear to differential case)		11/60/		12	12	12
EA	34447-ES	Nut		52/		12	12	12
EA	* E20-EB-9	Bush (differential case)	2	11/55/60/11		2	2	2
EA	E167-EB-9	Bush (differential case)		11/60/		2	2	2
EA	*† E1ADKN–4211-B	Spider (differential)	10	52/60/11		1	1	–
EA	E1ADDN–4211	Spider (differential)		11/60/		1	1	1
EA	* E1ADDN–4213-A	Pinion (differential) assy.		52/60/11		4	4	–
EA	E1ADDN–4213-B	Pinion (differential) assy.		11/60/		4	4	–
EA	43104-S2	Screw (differential housing)	2	52/		8	8	8
EA	N –4220-B	Bearing (rear axle final reduction gear) assy.	2	52/		2	2	2
EA	BB –4221-B	Cone (differential housing) and roller assy.	3	52/60/1		2	2	2
EA	BB –4221-B	Cone (rear axle shaft) and roller assy.	3	52/		2	2	2
EA	E1ADDN–4221	Cone (differential housing) and roller assy.		11/60/		2	2	–
EA	BB –4222	Cup (differential housing bearing)	3	52/60/1		2	2	2
EA	BB –4222	Cup (rear axle shaft bearing)	3	52/		2	2	2
EA	E1ADDN–4222	Cup (differential housing bearing)		11/60/		2	2	–
EA	* E1ADDN–4228-A	Washer (differential gear thrust)	20	52/60/11		2	2	–
EA	E1ADDN–4228-B	Washer (differential gear thrust)		11/60/		2	2	–
EA	79 –4230	Washer (differential pinion thrust)	5	52/60/11		4	4	4
EA	508E –4230-A	Washer (differential pinion thrust)		11/60/		4	4	–
EA	E1ADDN–4235	Shaft (rear axle)	2	10/56/	Heavy duty	2	2	–
EA	E27N –4235-D	Shaft (rear axle)	2	52/	Except Ind.	2	2	2
EA	E27N –4235-E	Shaft (rear axle)	2	52/	Ind.	2	2	–
EA	* E1ADDN–4236-A	Gear (differential)		52/60/11		2	2	–
EA	E1ADDN–4236-B	Gear (differential)		11/60/		2	2	–
EA	E1ADKN–4240	Pinion (final reduction bull)	2	52/60/11		2	2	2
EA	E1ADDN–4240-B	Pinion (final reduction bull)		11/60/	Ind.	2	2	–
EA	E1ADDN–4240-B	Pinion (final reduction bull)—L.H.		11/60/		1	1	–
EA	E180-EB-9	Pinion (final reduction bull)—R.H.		11/60/		1	1	–
EA	E27N –4245-A	Seal (rear axle shaft oil) assy.	5	52/		2	2	2
EA	E27N –4258-C	Gear (final reduction)		52/60/11	Over-All Diameter 17.65"	2	2	2
EA	E1ADDN–4258	Gear (final reduction)		11/60/	Over-All Diameter 17.52"	2	2	–
EA	E1ADKN–4261-A	Bearing (bull pinion shaft) assy.—Inner	2	52/60/11		2	2	2
EA	E1ADDN–4261-A	Bearing (bull pinion shaft) assy.—Inner		11/60/		2	2	–
	204E-1225-B	Bearing (bull pinion shaft) assy.—outer	3	52/60/11		2	2	2
	ET6 –7030	Ring (bull pinion shaft outer bearing lock)		52/60/11		2	2	2
	§ E138-EB-9	Rod (differential lock operating) assy.		11/60/		1	1	–
EA	§ 116530-ES	Seal (differential operating rod)		11/60/		1	1	–
EA	§ E179-EB-9	Spring (differential rod lock return)		11/60/		1	1	–
EA	§ E226-EB-9	Spring (differential rod coupling)		11/60/		1	1	–
EA	§ E137-EB-9	Coupling (differential lock)		11/60/		1	1	–
EA	§ E142-EB-9	Washer (differential lock spring thrust)		11/60/		1	1	–
EA	§ 114353-ES	Nut (differential operating rod)		11/60/		1	1	–
EA	§ 72004-S2	Split pin		11/60/		1	1	–

* These parts together replace earlier type pinions washers and gears

§ These parts are required when adding D.F. lock to Super Major with disc brakes

†Use with (4) E1ADDN-4228 (2) E1ADDN-4236 and (4) E1ADDN-4213

REAR AXLE AND REAR TRANSMISSION—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
EA **	E147-EB-9	Shaft (differential rod operating)		11/60/63/1		1	1	–
*	E344-EB-9	Shaft (differential rod operating)		11/60		1	1	–
	E325-EB-9	Washer (differential lock operating shaft)		11/60/		1	1	–
	E326-EB-9	Circlip (washer retaining)		11/60/		1	1	–
EA	§E145-EB-9	Bush (disc brake cover plate)		11/60/		2	2	–
	§E155-E 3-9	Plate (disc plate cover)—R.H.		11/60/	Use with differential lock	1	1	–
	§304722-S2	Bolt		11/60/		14	14	–
	§34807-S2	Lockwasher		11/60/		14	14	–
EA	§E146-EB-9	Pedal (differential lock)		11/60/		1	1	–
EA	§E148-EB-9	Collar (differential shaft operating lock)		11/60/63/1		1	1	–
EA	§E150-EB-9	Lever (differential lock operating)		11/60/		1	1	–
	§957E-7245	Screw (pedal securing)		11/60/		1	1	–
	§33911-ES	Locknut		11/60/		1	1	–
EA	§72266-S2	Pin (differential lock pedal to shaft)		11/60/63/1		1	1	–
EA	§72266-S2	Pin (differential lock collar to shaft)		11/60/63/1		1	1	–
EA	§E149-EB-9	Cover (differential lock lever)		11/60/		1	1	–
EA	§E151-EB-9	Gasket (differential lock lever cover)		11/60/		1	1	–
EA	§20346-S7/8	Bolt (differential lock lever plate to back plate)		11/60/		2	2	–
EA	§34806-S7/8	Lockwasher		11/60/		2	2	–
	E27N –4285	Cover (bull pinion shaft)		52/60/11	Ind.	2	2	–
EA	E1ADDN–4285	Cover (bull pinion shaft)		11/60/	Ind.	2	2	–
	20313-S	Screw (cover to oil seal housing)		52/		8	8	–
	34807-S7	Lockwasher		52/		8	8	–
EA	E27N –4286	Ring (bull pinion shaft inner bearing lock)	2	52/60/11		2	2	2
EA	E1ADDN–4286	Ring (bull pinion shaft inner bearing lock)		11/60/		2	2	–
EA	E152-EB-9	Baffle (bull pinion shaft bearing to oil seal)		11/60/		2	2	–
EA	E27N –4292-B	Nut (reduction gear to rear axle shaft)		52/		2	2	2
	72145-S	Split pin		52/		2	2	2
EA	E27N –4303-B	Shim (bull pinion housing)	10	52/	.005" thick	As reqd.		
EA	E27N –4303-C	Shim (bull pinion housing)	10	52/	.003" thick	As reqd.		
EA	E27N –4308-B	Housing (bull pinion) assy. – R.H.		52/60/11		1	1	1
EA	E1ADDN–4308-A	Housing (bull pinion) assy. – R.H.		11/60/63/2		1	1	–
EA	E1ADDN–4308-B	Housing (bull pinion) assy. – R.H.		2/63/	Reverse Transmission	1	1	–
	E27N –4309-B	Housing (bull pinion) assy. – L.H.		52/60/11		1	1	1
EA	E1ADDN–4309-B	Housing (bull pinion) assy. – L.H.		11/60	Forward Transmission Replaces E1ADDN-4309-A	1	1	–
CA	E1ADKN-2219	Housing (brake extension)		52/60/11		2	2	2
	118904-ES	Screw (housing to bull pinion housing to trans. housing) – short		52/60/11		8	8	8
	118905-ES	Screw (housing to bull pinion housing to trans. housing) – long		52/60/11		4	4	4
	E1ADDN–4319	Deflector (rear transmission housing oil) assy.		11/60/	When requested	1	1	–
EA	E27N –4320	Deflector (rear transmission housing oil) assy.		52/60/11		1	1	1
EA	E1ADDN–4320	Deflector (rear transmission housing oil) assy.		11/60/		1	1	–
EA	20327-S7/8	Screw (deflector to bull pinion housing)		52/60/11		2	2	2
EA	44722-S7	Washer		52/60/11		2	2	2
EA	34806-S7/8	Lockwasher		52/60/11		2	2	2
EA	20327-S7/8	Screw (pipe support to housing)		52/60/11		1	1	1
EA	34806-S7/8	Lockwasher		52/60/11		1	1	1
GA	E27N –4333-A	Indicator (rear transmission oil level) assy.		52/	With steel wheels	1	1	1
GA	E27N –4333-B	Indicator (rear transmission oil level) assy.		52/	With pneumatics	1	1	1

§ These parts are required when adding Diff. Lock to Super Major with disc brakes

* With (1) E325-EB-9 (1) E326-EB-9 Replaces E147-EB-9

** Replaced by (1) E344-EB-9 (1) E325-EB-9 & E326-EB-9

REAR AXLE AND REAR TRANSMISSION—*continued*

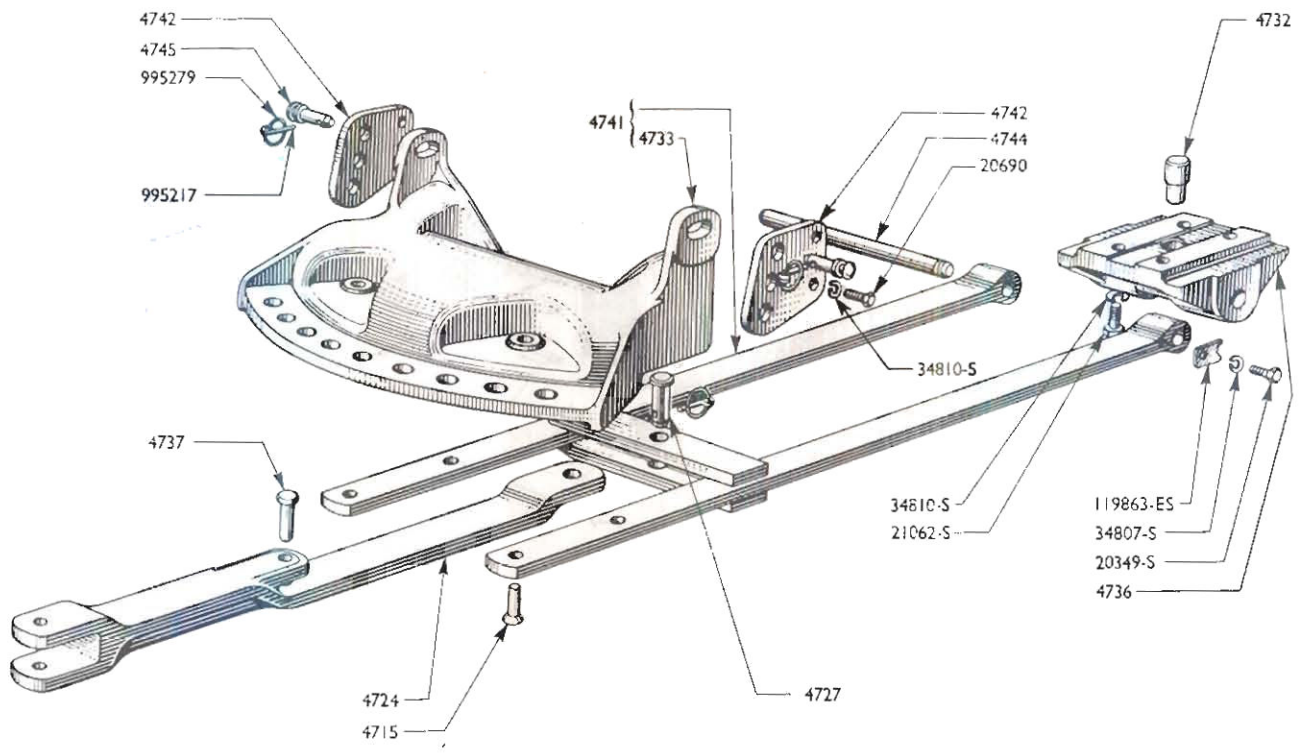
Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GA		E27N –4507	Gasket (Front to Rear Transmission)	15	52/	Replaced by E1ADDN-4507	1	1	1
GA	A	E1ADDN–4507	Gasket (front to rear transmission)		52/	Replaces E27N-4507	1	1	1
EA		E27N –4614-A	Housing (driving pinion) and bearing cup assy.		52/		1	1	1
EA		21026-S	Screw (housing to transmission housing)		52/		5	5	5
		20492-S2	Screw (housing to transmission housing)		52/		1	1	1
EA		34810-S2	Lockwasher		52/		5	5	5
EA		34809-S36	Lockwasher		52/		1	1	1
EA		E27N –4616	Cup (driving pinion bearing)	2	52/		2	2	2
EA		E27N –4621	Cone (driving pinion) and roller assy.	2	52/		2	2	2
EA		E27N –4634	Locknut (driving pinion bearing)		52/		2	2	2
EA		E27N –4636	Washer (driving pinion bearing lock nut)	2	52/		1	1	1
EA		E27N –4667	Washer (driving pinion bearing thrust)		52/		1	1	1

SWINGING DRAWBAR

EB		E1ADKN–4715	Rivet (drawbar frame to platform)		52/		4	4	4
EC	⊕	E1ADKN–4720	Coupler assy.		52/		1	1	–
	⊕	N –4721	Body (automatic coupler)		52/55/6		1	1	–
EC	⊕	E1ADKN–4721	Body (automatic coupler)		6/55/		1	1	–
EC	⊕	N –4722	Hook (automatic coupler)		52/		1	1	–
EC	⊕	N –4723	Latch (automatic coupler hook)		52/		1	1	–
EB		E1ADKN–4724-B	Drawbar (swinging)	4	52/		1	1	1
EB		E1ADKN–4727	Pin (swinging drawbar swivel)	2	52/		1	1	1
EB		E27N-995217	Linch pin (swivel pin)	25	52/		1	1	1
EB		E27N-995279	Ring (linch pin)	30	52/		1	1	1
EB		E1ADKN–4732	Dowel (drawbar anchor bracket)	2	52/		1	1	1
EB		E1ADKN–4733	Platform (drawbar)		52/		1	1	1

⊕ See "Rear Towing Attachment"

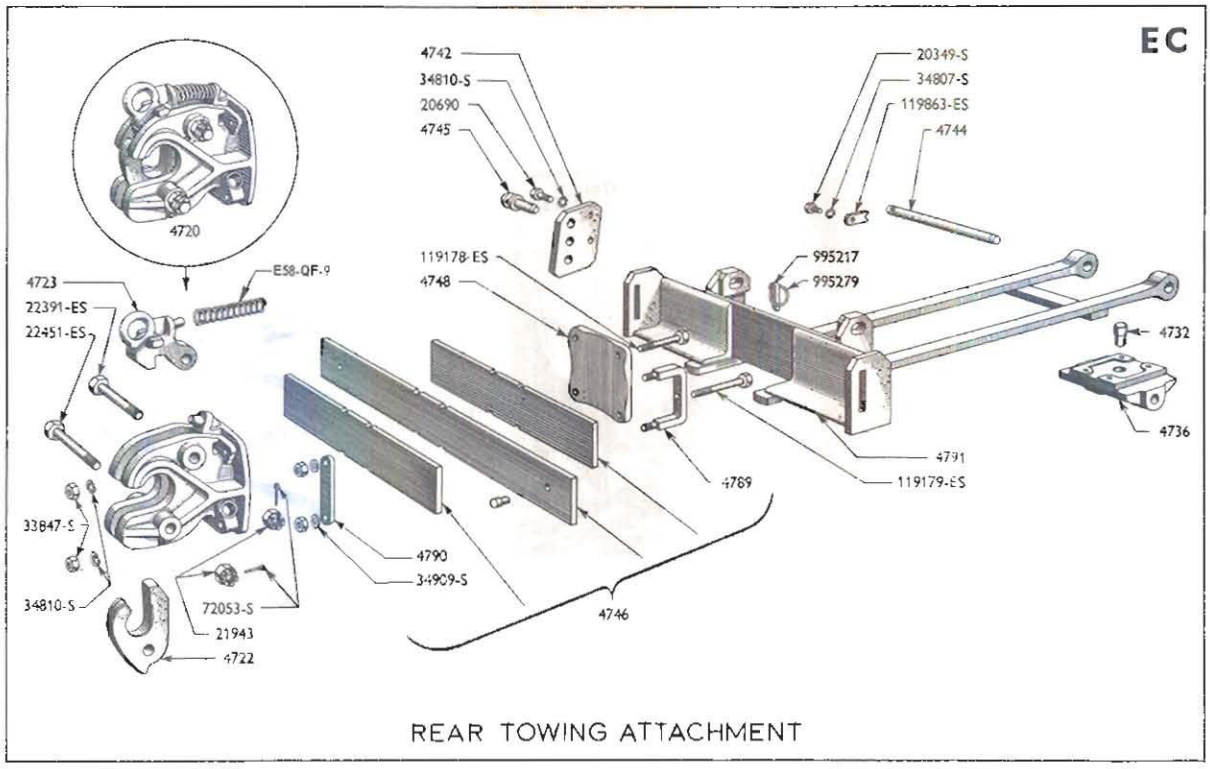
EB



SWINGING DRAW BAR

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
		SWINGING DRAWBAR—*continued*				
EB/EC	°E1ADKN–4736	Bracket (drawbar anchor)		52/		1 1 1
EB	***21062-S**	**Screw (bracket to rear transmission housing)**		**52/**		**4 4 4**
EB	°34810-S2	Lockwasher		52/		4 4 4
EB	E1ADKN–4737	Pin (swinging drawbar adjusting)	4	52/		1 1 1
EB	E1ADKN–4741	Platform (drawbar) and frame assy		52/		1 1 1
EB/EC	°E1ADKN–4742	Bracket (drawbar guide)	2	52/		2 2 2
EB/EC	***N-20690-A**	**Screw (bracket to rear transmission housing)**	5	**52/**		**4 4 4**
EB/EC	34810-S2	Lockwasher		52/		4 4 4
EB/EC	°E1ADKN–4744	Pin (drawbar fulcrum)	2	52/		1 1 1
EB/EC	°119863-ES	Retainer (fulcrum pin)		52/		1 1 1
EC	°20349-S2	Screw (retainer to drawbar frame)		52/		1 1 1
EB/EC	°34807-S36	Lockwasher		52/		1 1 1
EB/EC	°E1ADKN–4745	Pin (drawbar frame guide bracket)	10	52/		2 2 2
EB/EC	E27N–995217	Linch pin (guide bracket pin)	25	52/		2 2 2
EB/EC	E27N-995279	Ring (linch pin)	*30*	**52/**		**2 2 2**

° Part of E1ADKN–4711-B which is no longer serviced.



REAR TOWING ATTACHMENT

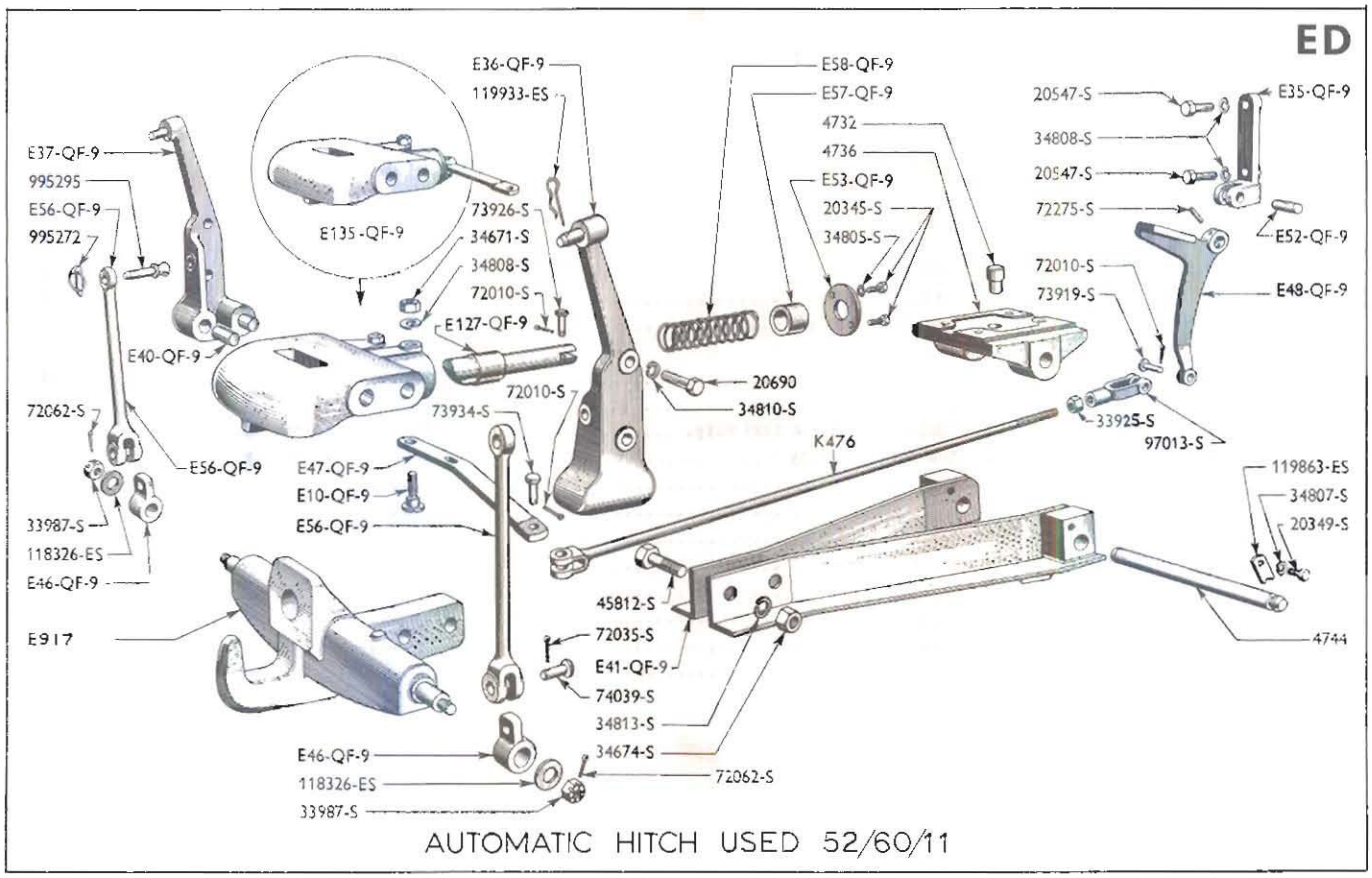
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

REAR TOWING ATTACHMENT

					P	D	V
EC	E1ADKN-4720	Coupler assy.	52/		1	1	–
EC	119178-ES	Bolt (coupler to spring)	52/		3	3	–
EC	119179-ES	Bolt (coupler to spring)	52/		1	1	–
EC	33847-S2	Nut	52/		4	4	–
EC	34810-S7/8	Lockwasher	52/		4	4	–
	N-4721	Body (automatic coupler)	52/55/6		1	1	–
EC	N-4722	Hook (automatic coupler)	52/		1	1	–
EC	N-4723	Latch (automatic coupler hook)	52/		1	1	–
	E58-QF-9	Spring (latch)	52/		1	1	–
EC	22391-ES	Bolt (latch)	52/		1	1	–
EC	22451-ES	Bolt (hook)	52/		1	1	–
EC	N-21943	Nut	52/		2	2	–

REAR TOWING ATTACHMENT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
EC	72053-S	Split pin		52/		2	2	–
EC	E27N —4746	Spring (drawbar) assy.		52/		1	1	–
EC	E27N —4748	Plate (drawbar spring back)		52/		1	1	–
EC	E27N —4789	U-bolt (drawbar spring clamp)		52/		2	2	–
EC	34909-S2	Washer		52/		4	4	–
EC	E27N —4790	Plate (U-bolt)		52/		2	2	–
EC	E1ADKN—4791	Frame (drawbar) and spring bracket assy.		52/	Welded assy.	1	1	–
	E2-WL-9	Clevis (drawbar platform) assy.		52/	Accessory	1	1	1



Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

AUTOMATIC HITCH

P D V

Used 52/60/11

ED	E35–QF-9	Bracket (automatic hitch foot pedal)		52/60/11		1 1 1
ED	20547-S4	Bolt (bracket to transmission housing)		52/60/11		2 2 2
ED	34671-S34	Nut		52/60/11		2 2 2
ED	34808-S36	Lockwasher		52/60/11		2 2 2
ED	E48–QF-9	Pedal (automatic hitch)		52/60/11		1 1 1
ED	E52-QF-9	Pin (automatic hitch pedal)		52/60/11		1 1 1
ED	72275-S2	Groove pin		52/60/11		1 1 1
ED	*E1ADDN-K476	Rod (automatic hitch operating)		52/60/11	Repl. E55-QF-9	1 1 1
ED	97013-S	Clevis (automatic hitch operating rod)		52/60/11		1 1 1
ED	33925-S8	Nut		52/60/11		1 1 1
ED	73919-S7/8	Clevis Pin		52/60/11		2 2 2
ED	72010-S	Split pin		52/60/11		2 2 2
ED	E44–QF-9	Housing (automatic hitch) assy.		52/60/11		1 1 1

* E60-QF-9 is replaced by E1ADDN-K476 Rod and (1) each of 97013-S Clevis and 33911-S7 Nut.

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V

AUTOMATIC HITCH—*continued*

Used 52/60/11

ED	E127-QF-9	Plunger (automatic hitch)		52/60/11		1 1 1
ED	E53-QF-9	**Plate (automatic hitch housing)**		**52/60/11**		**1 1 1**
ED	E57-QF-9	**Sleeve (automatic hitch housing)**		**52/60/11**		**1 1 1**
ED	E58-QF-9	**Spring (automatic hitch plunger)**		**52/60/11**		**1 1 1**
ED	20345-S7/8	**Bolt**		**52/60/11**		**2 2 2**
ED	34805-S7	Lockwasher		52/60/11		2 2 2
	87933-S7	**Lubricator (automatic hitch housing)**		**52/60/11**		**1 1 1**
ED	E47-QF-9	**Lever (automatic hitch)**		**52/60/11**		**1 1 1**
ED	E10-QF-9	**Bolt (automatic hitch lever fulcrum)**		**52/60/11**		**1 1 1**
ED	34671-S34	Nut		52/60/11		1 1 1
ED	34808-S36	Lockwasher		52/60/11		1 1 1
ED	73934-S2	Clevis pin (lever to plunger)		52/60/11		1 1 1
ED	72010-S2	**Split pin**		**52/60/11**		**1 1 1**
ED	E42-QF-9	Hook (automatic hitch) assy		52/60/11		1 1 1
ED	E46-QF-9	Knuckle (automatic hitch lift rod)		52/60/11		2 2 2
ED	33987-S2	Nut (knuckle to link pin)		52/60/11		2 2 2
ED	118326-ES7	Washer		52/60/11		2 2 2
ED	72062-S	Split pin		52/60/11		2 2 2
ED	E56-QF-9	Rod (automatic hitch lift)		52/60/11		2 2 2
ED	74039-S7/8	Clevis pin		52/60/11		2 2 2
ED	72035-S	Split pin		52/60/11		2 2 2
ED	E36-QF-9	Bracket (automatic hitch) assy – R.H.		52/60/11		1 1 1
ED	E37-QF-9	Bracket (automatic hitch) assy – L.H.		52/60/11		1 1 1
ED	E40-QF-9	Dowel (automatic hitch bracket)		52/60/11		4 4 4
ED	119933-ES	Clip pin (lift rod to hitch bracket)		52/60/11		2 2 2
ED	N-20609-A	**Screw (automatic hitch bracket to rear transmission housing)**		**52/60/11**		**4 4 4**
ED	34810-S2	**Lockwasher**		**52/60/11**		**4 4 4**
	45754-S2	Bolt (automatic hitch bracket to rear transmission housing)		**52/60/11**		**2 2 2**
	34811-S7/8	Lockwasher		52/60/11		2 2 2
ED	E41-QF-9	Frame (automatic hitch) assy		52/60/11		1 1 1
ED	45812-S	Bolt (frame to hitch hook)		52/60/11		2 2 2
ED	34674-S	Nut		52/60/11		2 2 2
ED	34813-S	Lockwasher		52/60/11		2 2 2
	E59-QF-9	Tab (automatic hitch lower link stowing)		52/60/11		2 2 2
	20408-S7/8	**Bolt**		**52/60/11**		**2 2 2**
	34807-S36	Lockwasher		52/60/11		2 2 2

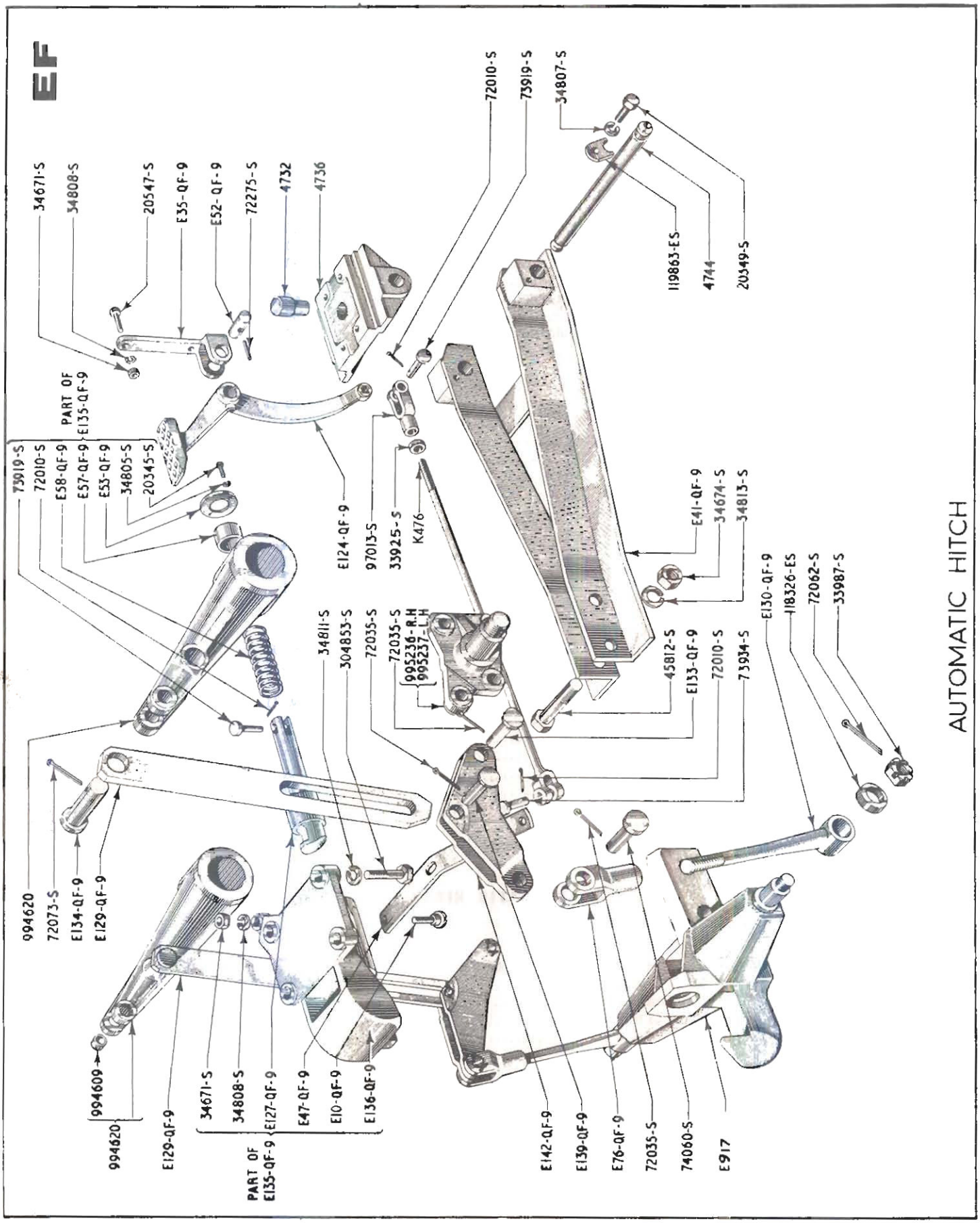
AUTOMATIC HITCH

Use from 11/60/

Note parts in this section marked thus ⊕ together make up E268-WP-9

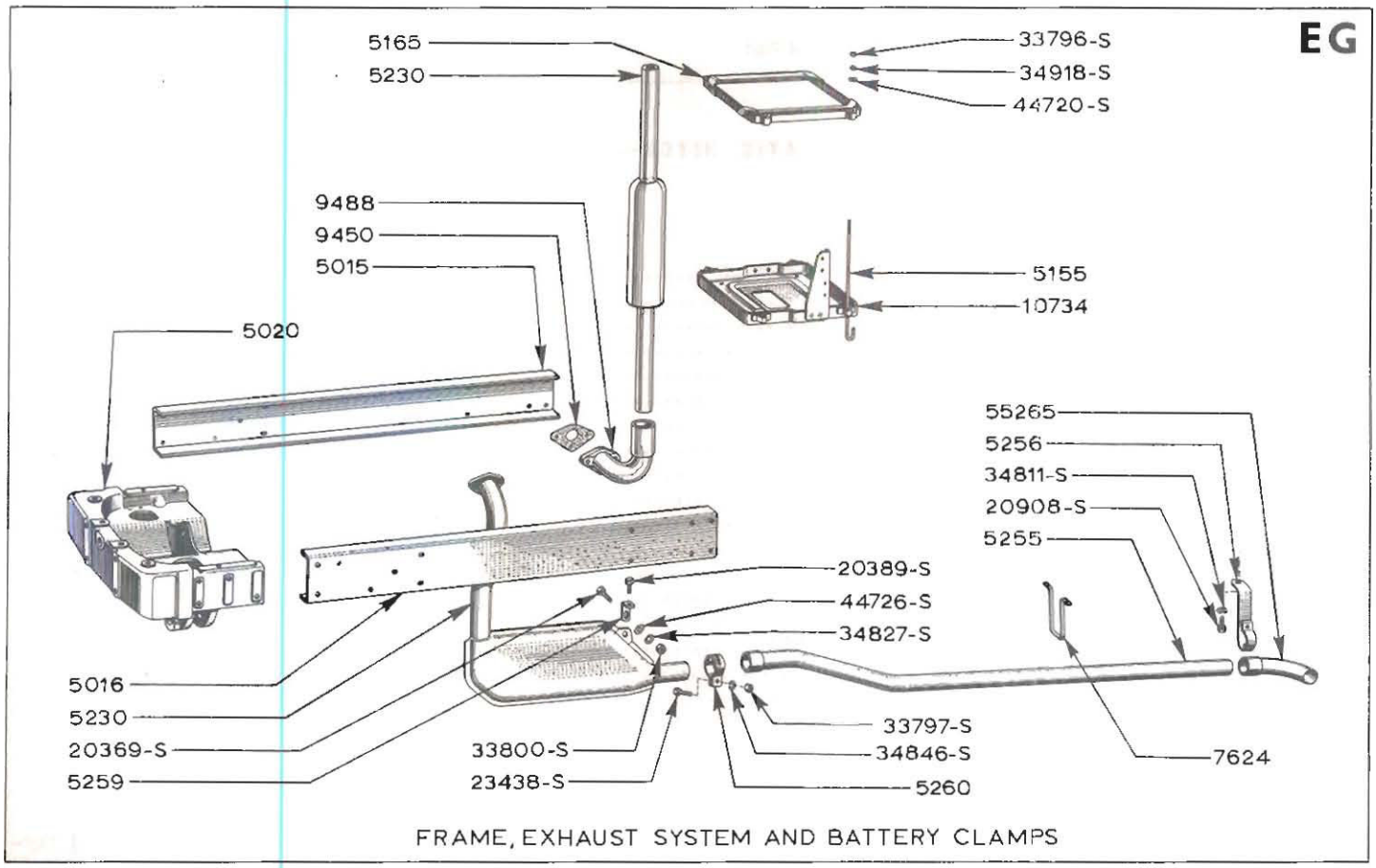
	E268-WP-9	Kit (Automatic Hitch)		11/60/	Except France	1 1 –
EF	⊕E35-QF-9	**Bracket (automatic hitch foot pedal)**		**11/60/**		**1 1 –**
EF	⊕ 20547-S4	**Bolt (bracket to transmission housing)**		**11/60/**		**2 2 –**
EF	⊕34671-S34	Nut		11/60/		2 2 –
EF	⊕34808-S36	Lockwasher		11/60/		2 2 –
EF	⊕E124-QF-9	**Pedal (automatic hitch)**		**11/60/**		**1 1 –**
EF	⊕E52-QF-9	**Pin (automatic hitch pedal)**		**11/60/**		**1 1 –**
EF	E55-QF-9	Rod (automatic hitch operating)		11/60/	Repl. by E1ADDN-K476	1 1 –
EF	E1ADDN-K476	Rod (automatic hitch operating)		11/60/	Repl. E55-QF-9	1 1 1

⊕ E60-QF-9 is replaced by E1ADDN-K476 plus (1) each of 97013-S Clevis and 33911-S7 Nut.


EF
AUTOMATIC HITCH
34671-S
34808-S
20547-S
E35-QF-9
E52-QF-9
72275-S
4732
4736
72010-S
73919-S
34807-S
11863-ES
4744
20349-S
PART OF E135-QF-9
73919-S
72010-S
E58-QF-9
E57-QF-9
E53-QF-9
34805-S
20345-S
E124-QF-9
97013-S
33925-S
K476
E41-QF-9
34674-S
34813-S
34811-S
304853-S
72035-S
72035-S
995236-R.H
995237-L.H
45812-S
E133-QF-9
72010-S
73934-S
E130-QF-9
118326-ES
72062-S
33987-S
994620
72073-S
E134-QF-9
E129-QF-9
994609
994620
E129-QF-9
34671-S
34808-S
PART OF E135-QF-9 E127-QF-9
E47-QF-9
E10-QF-9
E136-QF-9
E142-QF-9
E139-QF-9
E76-QF-9
72035-S
74060-S
E917

AUTOMATIC HITCH—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		Use from 11/60/						
EF	97013-S	Clevis (automatic hitch operating rod)		11/60/		1	1	–
EF	33925-S8	Nut		11/60/		1	1	–
EF	⊕73919-S7/8	Clevis pin		11/60/		2	2	–
EF	⊕72010-S	Split pin		11/60/		2	2	–
EF	⊕E135-QF-9	Housing (automatic hitch) assy.		11/60/		1	1	–
EF	E127-QF-9	Plunger (automatic hitch)		11/60/		1	1	–
EF	E136-QF-9	Housing (automatic hitch)		11/60/	Part of E135-QF-9	1	1	–
EF	E58-QF-9	Spring (automatic hitch plunger)		11/60/		1	1	–
EF	E57-QF-9	Sleeve (automatic hitch housing)		11/60/		1	1	–
EF	E53-QF-9	Plate (automatic hitch housing)		11/60/		1	1	–
EF	20345-S7/8	Bolt		11/60/		2	2	–
EF	34805-S7	Lockwasher		11/60/		2	2	–
EF	87933-ES7/8	Lubricator		11/60/		1	1	–
EF	E47-QF-9	Lever (automatic hitch)		11/60/		1	1	–
EF	⊕E133-QF-9	Pin (automatic hitch lift arm)		11/60/		1	1	–
EF	E10-QF-9	Bolt (automatic hitch lever fulcrum)		11/60/		1	1	–
EF	34671-S34	Nut		11/60/		1	1	–
EF	34808-S36	Lockwasher		11/60/		1	1	–
EF	73934-S2	Clevis pin (lever to plunger)		11/60/		1	1	–
EF	72010-S	Split pin		11/60/		1	1	–
EF	⊕304853-S36	Bolt (automatic hitch housing to rear trans hsg.)		11/60/		4	4	–
EF	⊕34811-S7/8	Lockwasher		11/60/		4	4	–
EF	⊕E1ADDN-995236-B	Bracket (H.P.L. lower link mounting) and pin assy. —R.H.		11/60/		1	1	–
EF	⊕E1ADDN-995237-B	Bracket (H.P.L. lower link mounting) and pin assy. —L.H.		11/60/		1	1	–
EF	⊕C7NN-E917-A	Hook (automatic hitch) assy		11/60/		1	1	–
EF	⊕E1ADDN-994620-B	Arm (H.P.L.) assy.		11/60/		2	2	–
EF	E27N-994609	Bush (H.P.L. lifting arm)		11/60/		2	2	–
EF	⊕E129-QF-9	Link (automatic hitch lift)—slotted		11/60/		2	2	–
EF	⊕E134-QF-9	Pin (automatic hitch lift link to arm)		11/60/		2	2	–
	⊕E143-QF-9	Rod (automatic hitch lift)		2/62/		2	2	–
EF	⊕72073-S	Split pin		11/60/		2	2	–
EF	⊕33987-S2	Nut (automatic hitch lift rod to hook)		11/60/		2	2	–
EF	⊕118326-ES	Washer		11/50/		2	2	–
EF	⊕72062-S	Split pin		11/60/		2	2	–
EF	⊕E76-QF-9	Yoke (automatic hitch lift rod)		11/60/		2	2	–
EF	⊕74060-S7/8	Clevis pin (automatic hitch yoke to lift arm)		11/60/		2	2	–
EF	⊕72035-S	Split pin		11/60/		2	2	–
EF	⊕ E142-QF-9	Arm (automatic hitch lift) assy.		11/60/		2	2	–
EF	⊕E139-QF-9	Pin (automatic hitch lift arm)		11/60/		2	2	–
EF	⊕72035-S	Split pin		11/60/		2	2	–
EF	⊕E41-QF-9	Frame (automatic hitch) assy.		11/60/		1	1	-
EF	⊕45812-S	Bolt (frame to hitch hook)		11/60/		2	2	-
EF	⊕34674-S	Nut		11/60/		2	2	-
EF	⊕34813-S	Lockwasher		11/60/		2	2	-
EF	⊕119863-ES	Retainer (drawbar fulcrum)		11/60/		1	1	–
EF	⊕20349-S2	Bolt		11/60/		1	1	–
EF	⊕34807-S36	Lockwasher		11/60/		1	1	–
	⊕21062-S	Bolt (automatic hitch anchor bracket to rear trans. housing)		11/60/		1	1	–
	⊕34810-S2	Lockwasher		11/60/		1	1	–

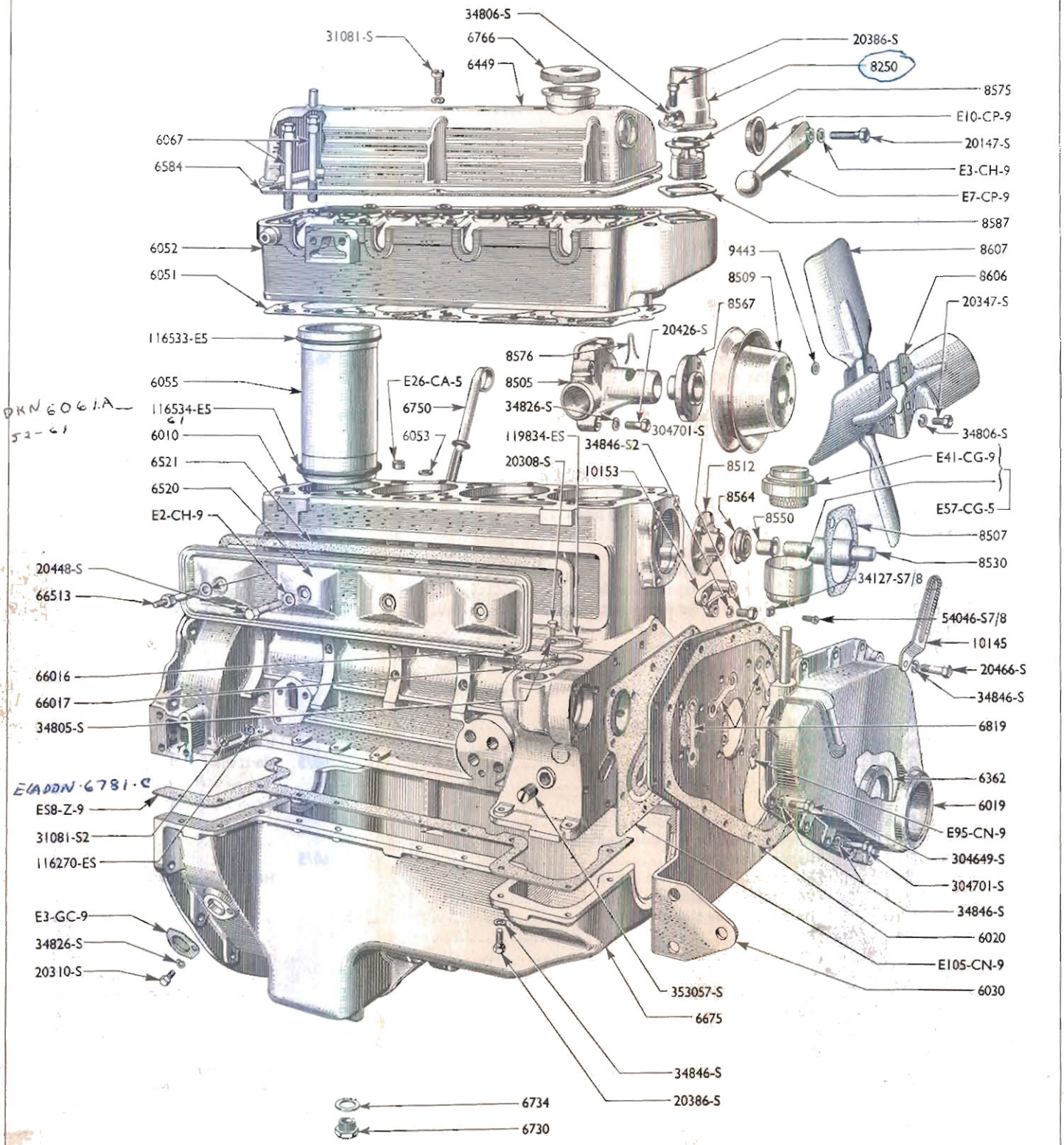


FRAME, EXHAUST SYSTEM AND BATTERY CLAMPS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.		
		FRAME				P	D	V
EG	E1ADKN–5015-A	Channel (frame side)–R. H.		52/		1	1	1
EG	E1ADKN–5016-A	Channel (frame side)–L. H.		52/		1	1	1
	20412-S7	Bolt (channel to front crossmember)		52/		8	8	8
	20412-S7	Bolt (channel to front transmission housing)		52/53		8	8	8
	20412-S7	Bolt (channel to engine mounting plate)		52/		6	6	6
	20452-S2	Bolt (channel to front transmission housing)		53/		8	8	8
	33845-S7/8	Nut		52/		6	6	6
	34809-S7	Lockwasher		52/		22	22	22
	E1ADKN–5020-B	Crossmember (front)	3	52/60/11		1	1	1
EG	E1ADDN–5020-C	Crossmember (front)		11/60/		1	1	–
	E53-WG-9	Kit (front end weight)		11/60/		1	1	–
	E52-WG-9	Weight (front end)		11/60/		3	3	–
	45833-S	Bolt (weight to front crossmember)		11/60/		2	2	–
	34813-S	Lockwasher (weight to front crossmember)		11/60/		2	2	–
	113596-ES	Bolt (front weight)		11/60/		4	4	–
	34674-S	Nut		11/60/		4	4	–
	34813-S	Lockwasher		11/60/		4	4	–
	72034-S	Split pin		11/60/		2	2	–

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	P	D	V	Qty. Req.
		BATTERY CLAMP							
	E1ADDN–5155-A	Rod (battery clamping)	3	52/56/11		–	4	–	
EG	E1ADDN–5155-B	Rod (battery clamping)	3	11/56/	Except with inertial starter	–	1	–	
EG	33796-S7/8	Nut		52/56/11		–	4	–	
EG	34918-S	Washer (shakeproof)		52/56/11		–	4	–	
EG	44720-S7/8	Washer		52/56/11		–	4	–	
	E56-NA-9	Strap (battery clamping) assy.–centre		11/56/	Except with Inertia Starter	–	1	–	
EG	E1ADKN–5155	Rod (battery clamping)	2	52/		2	–	2	
	E1ADKN–5155	Rod (battery clamping)	2	4/59/	Use with Inertia Starter	–	2	–	
EG	33796-S7/8	Nut		52/		2	–	2	
EG	34918-S	Washer (shakeproof)		52/		2	–	2	
EG	44720-S7/8	Washer		52/		2	–	2	
	E1ADDN–5163-C	Clamp (battery) (Use W/Twin 6 Volt Battery)	2	11/56/	Except with Inertia Starter	–	1	–	
	E1ADDN–5164	Rod (battery clamping)	2	11/56/	Except with Inertia Starter	–	1	–	
	117611-ES	Wingnut		11/56/		–	3	–	
	118176-ES7	Washer		11/56/		–	3	–	
EG	E1ADDN–5165-A	Clamp (battery) assy.	2	52/56/11		–	1	–	
EG	E0A –5165-A	Clamp (battery) assy.		52/	With battery 13¹⁄₁₆" long	1	–	1	
EG	E1ADKN–5165	Clamp (battery) assy.		54/		1	–	1	
EG	402E –5165-B	Clamp (battery) assy.		4/59/	Use with Inertia Starter	–	1	–	
		SILENCER (MUFFLER)							
	E1ADKN–5230-A	Silencer assy.–less extension pipes	5	52/57/4	Horizontal exhaust	1	1	1	
EG	E1ADKN–5230-C	Silencer assy.	5	4/57/	Horizontal exhaust	1	1	–	
	E1ADDN–5230-A	Silencer assy.		52/	Vertical exhaust	1	1	–	
	E1ADKN-9488	Adaptor (vertical silencer)		52/	See "Manifold Section"	1	1	1	
	20488-S7/8	Bolt (silencer to exhaust manifold)		52/	Horizontal exhaust	2	2	–	
	20488-S7/8	Bolt (silencer to exhaust outlet adaptor)		52/	Horizontal exhaust	–	–	2	
	33799-S8	Nut		52/		2	2	2	
	88397-S	Stud (exhaust manifold)		52/		1	1	–	
	88397-S	Stud (exhaust outlet adaptor)		52/		–	–	1	
	33828-S	Nut		52/		1	1	1	
	34807-S36	Lockwasher		52/		3	3	3	
EG	E1ADKN–5255-B	Pipe (silencer outlet connection)	5	52/	Horizontal exhaust	1	1	–	
EG	E1ADKN-55265	Pipe (silencer tail)	2	52/	Horizontal exhaust	1	1	1	
	E1ADKN–5256-B	Bracket (silencer tail pipe)		52/60/5	Horizontal exhaust–Ind. only	1	1	–	
	E1ADKN–5256-C	Bracket (silencer tail pipe)	2	52/60/5	Use w/horiz. exhaust Replaces E1ADKN–5256-A	1	1	–	
EG	E1ADDN –5256	Bracket (silencer tail pipe)		5/60/		1	1	–	
EG	20908-S2	Screw (bracket to rear axle housing)		52/		1	1	1	
EG	34811-S7/8	Lockwasher		52/60/5		1	1	1	
EG	E1ADKN –5259	Bracket (silencer to side channel)	2	52/	Horizontal exhaust	1	1	1	
EG	20369-S7/8	Bolt (bracket to silencer)		52/		1	1	1	
EG	20389-S7	Bolt (bracket to side channel)		52/		1	1	1	
EG	33800-S7/8	Nut		52/		2	2	2	
EG	44726-S36	Washer		52/		2	2	2	
EG	34827-S7	Lockwasher		52/		2	2	2	
EG	204E –5260	Clamp (silencer to extension pipe)	5	52/	Horizontal exhaust	1	1	1	
EG	23438-S2	Bolt (clamp)		52/		2	2	2	
EG	33797-S7	Nut		52/		2	2	2	
EG	34846-S7	Lockwasher		52/		2	2	2	
GD/GB	BB –5721-B	Bolt (reverse idler gear shaft)		54/	See "Gearbox"	1	1	1	
S	C7NN–2N059-A	Pin (brake lever to cross shaft)		5/60/	Repl. 508E-5782	1	1	–	

FA



ENGINE EXTERIOR

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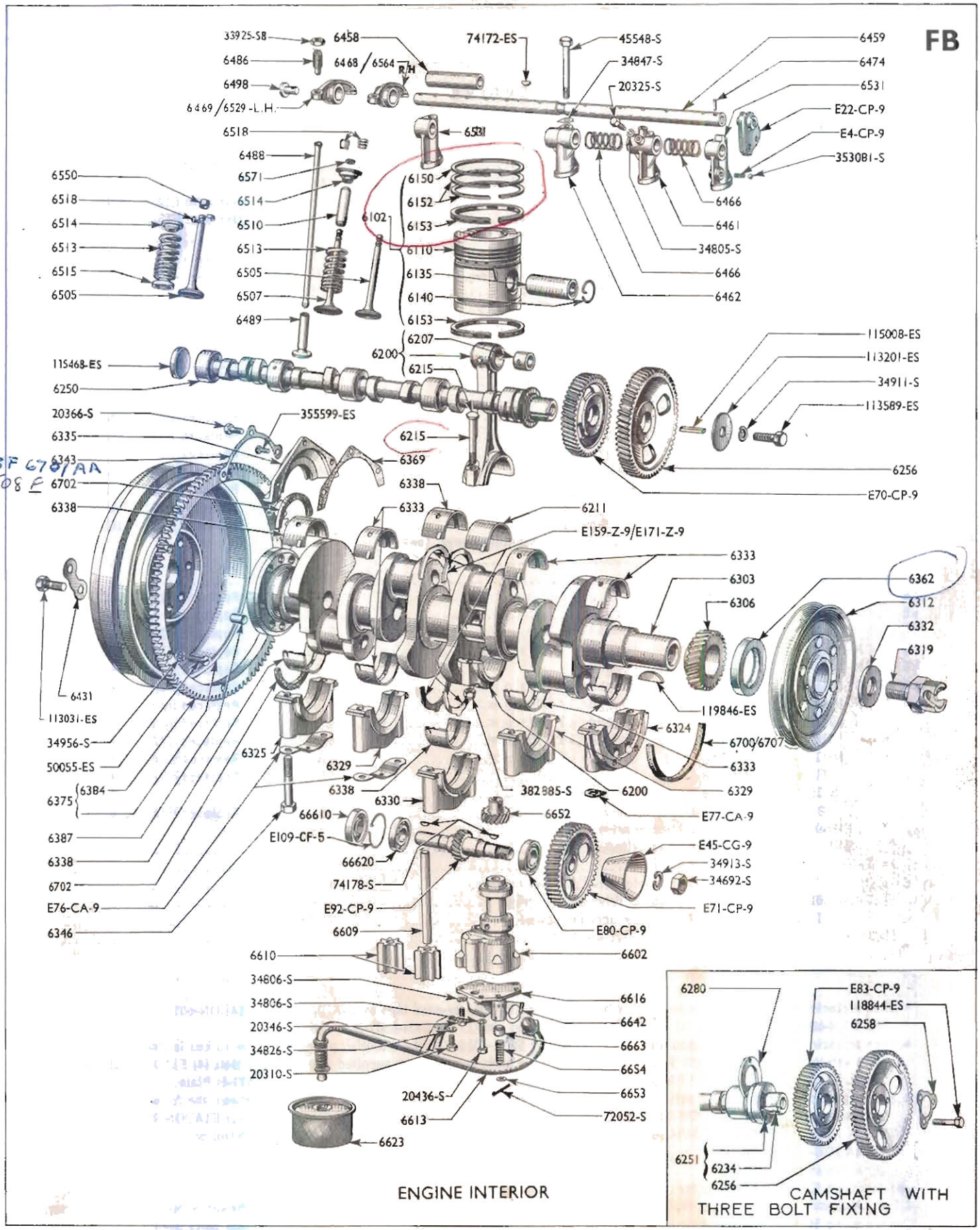


ENGINE INTERIOR

CAMSHAFT WITH THREE BOLT FIXING

ENGINE

CYLINDER BLOCK, HEAD AND LINERS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADDN–6013-A	Kit (Oil Sump & Front Cover Gasket)		52/61/4	Replaces E104-Z-9	1	1	1
	E1ADDN–6013-B	Kit (Oil Sump & Front Cover Gasket)		4/61/		1	1	1
	E1ADDN–6K000-A	Gasket (engine front mounting plate)		52/61/4	Use with E1ADKN-6030-D	1	1	1
	E1ADDN–6K000-C	Gasket (engine front mounting plate)		52/61/4	Use with E1ADDN-6707	1	1	1
♦	E1ADDN–6K000-C	Gasket (engine front mounting plate)		4/61/		1	1	–
	E1ADN –6008-G	Kit (engine overhaul gasket)		52/57/4		1	–	–
	E1ADN –6008-H	Kit (engine overhaul gasket)		4/57/61/8		1	–	–
	E1ADN –6008-J	Kit (engine overhaul gasket)		52/57/4		1	–	–
	E1ADN–6008-K	Kit (engine overhaul gasket)		4/57/8/64		1	–	–
	E1ADN–6008-M	Kit (engine overhaul gasket)		8/64/		1	–	–
	E1ADDN–6008-AA	Kit (engine overhaul gasket)	30	52/57/4		–	1	–
	E1ADDN–6008-AB	Kit (engine overhaul gasket)	25	4/57/61/8		–	1	–
*	E1ADDN-6008-AC	Kit (engine overhaul gasket)		52/61/8		–	1	–
	E1ADDN–6008-AD	Kit (engine overhaul gasket)		4/57/61/8		–	1	–
	E1ADDN–6008-AJ	Kit (engine overhaul gasket)		52/57/4	Replaces E1ADDN-6008-AE	–	1	–
	E1ADDN–6008-AK	Kit (engine overhaul gasket)		9/59/61/8	Replaces E1ADDN-6008-AF	–	1	–
#	E1ADDN–6008-AL	Kit (engine overhaul gasket)		52/61/8	Replaces E1ADDN-6008-AG	–	1	–
	E1ADDN–6008-AM	Kit (engine overhaul gasket)		8-61/	Replaces E1ADDN-6008-AH	–	1	–
	E1ADN–6010-M	Block (cylinder) Assy		52/	Replaces E1ADN-6010-L	1	–	–
	E1ADDN–6010-T	Block (cylinder) assy		4-57/	Replaces E1ADDN-6010-P	–	1	–
@■	500E–6010-E	Block (cylinder) and caps assy		52/57/4	Replaces 500E-6010-D	–	1	1
FA	31081-S2	Screw (cylinder block fuel pump mounting flange, lower hole)		8/61/		1	1	–
FA	116270-ESA	Washer		8/61/		1	1	–
*	E1ADN–6011-G	Cylinder Assy		52/57/4	Replaces E1ADN-6011-E	1	–	–
■	E1ADN–6011-F	Cylinder Assy - complete		4/57/64/8	Replaced by E1ADN-6011-H	1	–	–
	E1ADN–6011-H	Cylinder Assy - complete		8/64/	Replaces E1ADN–6011-F	1	–	–
■‡	*E1ADDN–6011-L	Cylinder Assy - complete - 1,600 r.p.m.		52/58/8	Replaces E1ADDN-6011-F	–	1	–
■‡	E1ADDN–6011-M	Cylinder Assy - complete		4/57/58/8	Replaces E1ADDN-6011-G	–	1	1
■‡	E1ADDN–6011-N	Cylinder Assy - complete - 1,600 r.p.m.		8/58/62/4	Replaces E1ADDN-6011-H	–	1	–
	E1ADDN–6011-J	Cylinder Assy - complete - 1,800 r.p.m.		4/62/64/8	Replaced by E1ADDN-6011-P	–	1	–
	E1ADDN–6011-K	Cylinder Assy - complete - 1,600 r.p.m.		4/62/64/8	Replaced by E1ADDN-6011-R	–	1	–
	E1ADDN–6011-P	Cylinder Assy - complete - 1,800 r.p.m.		8/64/	Replaces E1ADDN-6011-J	–	1	–
	E1ADDN–6011-R	Cylinder Assy - complete - 1,600 r.p.m.		8/64/	Replaces E1ADDN-6011-K	–	1	–
‡	*E1ADKN–6011-E	Cylinder Assy		52/57/4	Replaces E1ADDN-6011-E	–	–	1
	E1ADKN-8115-A	Cock (cylinder block drain) assy.	2	52/54		1	1	1
	2701E–8115-B	Cock (cylinder block drain) assy		54/	Replaces E1ADKN-8115-B	1	1	1
FA	E1ADKN-66016-B	Cover (tachometer drive aperture)		53/		1	1	1
FA	20308-S7/8	Screw (cover to cylinder block)		53/		2	2	2
FA	34805-S7/8	Lockwasher		53/		2	2	2
	E1ADDN–66017	Gasket (Tachometer drive aperture cover)		8/63/		1	1	1
	E1ADKN-66017-A	Washer (tachometer drive housing plug)		52/53		1	1	1
FA	E1ADKN–66017-B	Gasket (Tachometer aperture cover)	2	53/63/8		1	1	1
FA	119834-ES	Plug (distributor drive aperture)		52/		–	1	–

* When replacing earlier type cylinder assy. with circular water pump by-pass hole by E1ADN-6011-C, E1ADDN-6011-C and E1ADKN-6011-C, supply also (1) E1ADKN-8505-B Housing and (1) E1ADKN-8507-B Gasket.

⊕ When replacing cylinder block used prior to April 1957 by 500E-6010-C/D the mounting plate must be reworked in line with Service Letter No. 6, 1957 Series, and the following parts must also be supplied (10) 20348-S2 Bolt (4) E1ADKN-6819-B Plate (1) E28-CN-9 Gasket (1) E1ADKN-8505-B Housing (1) E1ADKN-8507-B Gasket (1) E1ADKN-6671-B Plate.

■ When replacing a previous type cylinder block or cylinder assembly used with E1ADKN-9350-B Fuel Pump, the following parts are required:– (1) E1ADDN-9350, (1) 510E–9155-A, (1) E1ADDN-9374-A, (1) E1ADDN-9289-C, (1) E1ADDN-9369-B, (2) 20346-S2, (2) 33798-S2, (2) 34941-S2, (2) 44722-S7/8, (2) 88363-S2, and either (1) E1ADN-9369-B Petrol or (1) E1ADDN-9230-D Diesel.

\# Use with plain face liners

♦ Together with E1ADDN–6707 replaces earlier type Gasket

‡ For additional parts required in replacement see Tractor Parts Information No.323 OR Export Parts Information Nos. 14/15. 1961 series

@ When using 500E-6010-E to replace 500E-6010-D it will be necessary to drill out oil pan to accommodate bolts used 8–64/–

ENGINE—*continued*

CYLINDER BLOCK, HEAD AND LINERS—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	31048-S	Screw (exhauster oil feed hole)		52/		1	1	1
	119684-ES	Washer (exhauster oil feed hole screw)		52/	Fibre	1	1	1
FA	353057-S	Plug (oil pump to oil filter gallery)		52/	Slotted head	1	1	1
FA	353057-S	Plug (oil filter feed to main oil gallery)		4/57/	Slotted head	1	1	–
	358063-ESD	Plug (cylinder block oil gallery)—standard		52/	Square head	2	2	2
	358063-ESD	Plug (cylinder head heater boss)		4/57/	Square head	1	1	–
	358063-ESA	Plug (cylinder block oil gallery)—.005" o/s		52/		As reqd.		
	358063-ESB	Plug (cylinder block oil gallery)—.010" o/s		52/		As reqd.		
	358063-ESC	Plug (cylinder block oil gallery)—.015" o/s		52/		As reqd.		
	353000-S	Plug (cylinder block)—rear		4/57/		1	1	–
	74211-ES	Button plug		52/		12	12	12
	74109-ES	Expansion plug (injector pump bracket bolt hole)		52/		2	–	1
NB	EIADDN-66026	Bush (governor relay spindle)		52/57/4		–	1	–
	EIADKN-19223	Bush (governor relay spindle)	2	52/57/4		1	1	1
	EIADKN-19223	Bush (governor relay spindle)	2	4/57/		1	–	–
	EIADKN-19251	Spacer (governor operating shaft)		52/57/4		1	–	1
	EIADKN-19251	Spacer (governor operating shaft)		4/57/		1	–	–
	E62-NE-9	Hourmeter assy.		53/	Accessory From approx. Engine No.1266167	1	1	1
	20424-S2	Screw (hourmeter to cylinder block)		53/		2	2	2
	E1ADDN–6013-C	Kit (sump and front cover gaskets)		52/61/4	Replaces E1ADDN-6013-A	1	1	1
	E1ADDN–6013-D	Kit (sump and front cover gaskets)		4-61/	Replaces DDN-6013-B	1	1	–
EA	N –6016	Plug (driving gear thrust block housing)	2	52/	See "Rear Axle"	1	1	1
	EIADKN–6019-B	Cover (engine front)	2	52/57/4		1	1	1
FA	EIADDN–6019-A	Cover (engine front)	2	4/57/		1	1	–
FB	E45-CG-9	Slinger (centrifugal engine breather)		4/57/		1	1	–
	E15-CG-9	Cleaner (crankcase breather air) assy.		4/57/59/11		1	1	–
	E57-CG-5	Cleaner (crankcase breather air) assy		11/59/		1	1	–
	E29-CG-9	Element (crankcase breather air cleaner) assy.		4/57/59/11		1	1	–
	E58-CG-5	Clip		11/59/		1	1	–
	♦ E60-CG-5	Cover (crankcase breather) and element		11/59/		1	1	–
FA	54046-S7/8	Screw (crankcase breather clamp)		11/59/		1	1	–
FA	34127-S7/8	Nut		11/59/		1	1	–
	87033-ES	Seal (front cover ventilation pipe)		4/57/59/11		1	1	–
	20347-S7/8	Screw (cover to front mounting plate)		52/61/4		6	6	6
	20406-S2	Screw (cover to cylinder block)		52/61/4		7	7	7
	20466-S2	Bolt (cover to cylinder block)		52/61/4		1	1	1
FA	304649-S2	Bolt (cover to front mounting plate)		4/61/		6	6	–
FA	304701-S2	Bolt (cover to cylinder block)		4/61/		7	7	–
FA	304758-ES	Bolt (cover to cylinder block)		4/61/		1	1	–
FA	34846-S7	Lockwasher		52/		14	14	14
FA	EIADDN –6020	Gasket (engine front cover)	50	52/		1	1	–
	EIADN –6023-B	Plate (engine timing)		52/54		1	–	–
	EIADDN–6023	Plate (engine timing)		52/54		–	1	–
	EIADKN–6023-B	Plate (engine timing)		52/54		–	–	1
	] EIADKN–6030-C	Plate (engine front mounting)	2	52/57/4	With 2.58" dia. aperture	1	1	1
	] EIADKN–6030-D	Plate (engine front mounting)	2	4/57/61/4	With 2.58" dia aperture	1	1	–
FA	•• EIADDN–6030-A	Plate (engine front mounting)		4/61/	With 2" aperture	1	1	–
	EIADDN–6030-B	Plate (engine front mounting)		52/57/4	With 2" dia. aperture	1	1	1
	133637-ES2	Bolt (mounting plate to cylinder block)		52/57/4		9	9	9
	•• E134-CN-5	Plate (engine front mounting) assy.		52/57/4		–	–	1
	EIADKN-6086	Dowel (cylinder block to front mounting plate)		53/		2	2	2

♦ With (1) E58-CG-5 Clip replaces element used 11/59/62/7

•• Use with camshaft having centre bolt fixing for camshaft gear.

] Use with camshaft having 3 bolt fixing for camshaft gear

Valve Guide Kit E1ADDN 6C037E

ENGINE—*continued*

CYLINDER BLOCK, HEAD AND LINERS—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	20346-S7/8	Screw (mounting plate to cylinder block)		52/57/4		11	11	11
	20346-S7/8	Screw (mounting plate to cylinder block)		4/57/61/4		1	1	–
	20348-S2	Screw (mounting plate to cylinder block)		4/57/61/4		10	10	–
	304648-S36	Bolt (mounting plate to cylinder block)		4/61/		1	1	–
	304650-S36	Bolt (mounting plate to cylinder block)		4/61/		10	10	–
FA	34846-S7	Lockwasher		4/57/		1	1	–
	34847-S2	Lockwasher		4/57/		1	1	–
	♦E1ADKN-6819-B	Plate (screw locking)	20	52/61/4		4	4	–
	E39-CN-9	Plate (engine front mounting plate screw lock)		4/57/61/4		1	1	–
FA	▲E1ADDN-6819	Plate (engine front mounting plate screw lock)		4/61/		4	4	–
	▲E95-CN-9	Plate (engine front mounting plate screw lock)		4/61/		1	1	–
	34846-S7	Lockwasher		52/57/4		2	2	2
	E1ADN –6C037-A	Kit (decarbonizing)		52/57/4		1	–	–
	E1ADN –6C037-B	Kit (decarbonising)		4/57/		1	–	–
	E1ADDN–6C037-A	Kit (decarbonising)		4/57/		–	1	–
	E1ADDN–6C037-B	Kit (decarbonising)		#		–	1	–
	E1ADDN–6C037-C	Kit (decarbonising)		4/57/	Optional with E1ADDN–6C037-A	–	1	–
	E1ADDN–6C037-D	Kit (decarbonising)		52/53	With detach. injector housings Replaces E21-Z-9	–	1	–
	E1ADDN–6C037-E	Kit (decarbonising)		53/57/4	With integral injector housings	–	1	–
	E1ADKN–6C037	Kit (decarbonising)		52/57/4		–	–	1
FA	⊕E1ADDN–6051-C	Gasket (cylinder head)		4/57/		–	1	–
FA	⊕E1ADDN–6051-C	Gasket (cylinder head)		52/57/4		1	1	1
	E1ADDN–6051-D	Gasket (cylinder head)		4/57/59/7	.6 mm thick	–	1	–
FA	●E1ADDN–6051-E	Gasket (cylinder head)		8/60/	1 mm thick	–	1	–
	E1ADN –6051	Gasket (cylinder head)		4/57/		2	–	–
	953E –6051	Gasket (cylinder head)		53/57/4	Zero Octane	–	–	2
	E7-CA-9	Gasket (cylinder head) and spacer assy.		4/57/		1	–	–
	E1ADN–6052-E	Head (cylinder) and valve guides assy.		52/	Replaces E1ADN-6052-D	1	–	–
FA	E1ADDN–6052-J	Head (cylinder) valve guides and injector housings assy.	2	4/57/	Replaces E1ADDN-6052-H	–	1	–
	o‡ E1ADDN–6052-S	Head (cylinder) valve guides and inject or housings assy.		54/57/4		–	1	–
	E1ADKN–6052-B	Head (cylinder) and valve guides assy.		52/57/4		–	–	1
FA	E26-CA-5	Dowel (cylinder head to block)		7/59/		–	2	–
FA	E1ADKN–6053	Seal (cylinder block to cylinder head oil passage)	100	52/		1	1	1
	∞E1ADN –6055-A	Liner (cylinder)		52/61/2		4	–	–
	∞E1ADN –6055-B	Liner (cylinder)–.020" o/s O.D.		52/61/2		ar	–	–

‡ When replacing cylinder head fitted in production from January 22nd to April, 1953 order also (1) E1ADDN-993180-B, (1) A17540-A, (1) B-17542-A, (4) E1-CP-9, (4) E1ADDN-6505-B, (4) E1ADDN-6514, (8) E1ADDN-6518, (4) E1ADDN-6550, (1) E1ADDN-993131, (1) 21470-ES and (2) E9-CF-9.

When replacing cylinder head fitted in production up to 21st January, 1953, order in addition to the foregoing parts (4) E16-CL-9.

oTogether with (1) E1ADDN-6449-A Cover (1) E3-CH-9 Washer (1) E4-CP-9 Spring (1) E7-CP-9 Lever (1) E22-CP-9 Lever replaces previous type head

♦ Use with front mounting plate having a 2.58" camshaft locating aperture.

Use with plain-face liners

● Use with Liners E1ADDN-6055-A/B
Refer to Service Letter No. 9, 1960 Tractor Series–Export.
Refer to Service Letter No. 10, 1960 Tractor Series–Domestic.

⊕ Use on engines where (1) Cylinder Liners have small and large diameter spigots on top face.
(2) Cylinder Liners, having spigot and plain top face are together used in engine.
Refer to Service Letter No. 9, 1960 Tractor Series–Export.
Refer to Service Letter No. 10, 1960 Tractor Series–Domestic.

∞ Use with cylinder block having ½" bearing cap tapped holes.

▲ Use with front mounting plate having a 2" camshaft locating aperture.

ENGINE—*continued*

CYLINDER BLOCK, HEAD AND LINERS — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	▲E1ADN –6055-C	Liner (cylinder)—standard		2/61/		4	–	–
	▲E1ADN –6055-D	Liner (cylinder)—.020" o/s O.D,		2/61/		ar	–	–
FA	* E1ADDN–6055-A	Liner (cylinder)—.020" o/s O.D.		52/61/2	Small dia. spigot—4.25" —4.26" on top face	–	4	–
FA	* E1ADDN–6055-B	Liner (cylinder)—standard		52/61/2	Small dia. spigot—4.22" —4.23" on top face	–	4	4
	E1ADDN–6055-C	Liner (cylinder)—standard		♦		–	4	–
	E1ADDN–6055-D	Liner (cylinder)—.020" o/s O.D.		♦		–	ar	–
FA	E1ADDN–6055-E	Liner (cylinder)—standard		2/61/		–	4	–
FA	E1ADDN–6055-F	Liner (cylinder)—.020" o/s O.D.		2/61/		–	ar	–
FA	116533-ES-A	Seal (cylinder liner)—upper		2/61/		4	4	–
FA	116534-ES-A	Seal (cylinder liner)—lower		2/61/		4	4	–
	E192-Z-5	Shim (cylinder block to cylinder liner)		52/61/2	Export only. .0123"/.0143" thick	–	ar	–
	E194-Z-5	Shim (cylinder block to cylinder liner)		52/61/2	.0028"/.0040"	–	ar	–
	E1ADKN–6056-A	Insert (inlet valve seat)—standard		52/		4	–	4
	E1ADKN–6056-B	Insert (inlet valve seat)—.010" o/s O.D.		52/		ar	–	ar
	E1ADDN–6056-A	Insert (inlet valve seat)—standard		52/		–	4	–
	E1ADDN–6056-B	Insert (inlet valve seat)—.010" o/s O.D.		52/		–	ar	–
	E1ADDN–6057-B	Insert (exhaust valve seat)—standard	2	52/		4	4	4
	E1ADDN–6057-C	Insert (exhaust valve seat)—010" o/s O.D. standard depth		52/		ar	ar	ar
	E1ADDN–6057-D	Insert (exhaust valve seat)—020" o/s O.D. 010 o/s depth		52/		ar	ar	ar
	E1ADKN–6061-A	Seal (cylinder liner)	75	52/61/2	Internal dia. 4.208"	4	4	4
	E1ADDN–6057-D	Insert (exhaust valve seat)—.020" o/s O.D. .010 o/s depth		52/		ar	ar	ar
FA	E1ADDN–6067-A	Bolt (cylinder head)	2	52/	"100" on head	17	17	–
	§ E1ADDN–6067-B	Bolt (cylinder head)		52/57/4	Part of E17-WR-9	2	2	–
	E1ADDN–6067-B	Bolt (power steering pump mounting bracket to cyl head)	2	52/57/4		2	2	2
	E1ADKN–6067	Bolt (cylinder head)		52/57/4	"85" on head	–	–	17
	E1ADKN–6076-B	Bush (tappet bore)		52/		ar	ar	–
	353000-S	Expansion plug (cylinder head rear)		11/54/		–	1	–
	E1ADKN–6086	Dowel (cylinder block to front mounting plate)		53/		2	2	2

PISTON AND CONNECTING ROD

FB	E1ADN –6102-C	Piston assy.—standard		52/		4	–	–
FB	E1ADN –6102-D	Piston assy.—.0025" o/s		52/		4	–	–
FB	E1ADDN–6102-E	Piston assy.—standard	5	4/57/59/7		–	4	–
FB	E1ADDN–6102-E	Piston assy.—standard	5	‡		–	4	–
FB	E1ADDN–6102-F	Piston assy.—.0025" o/s		4/57/59/7		–	4	–
FB	E1ADDN–6102-F	Piston assy.—.0025" o/s		‡		–	4	–
FB	⊕ E1ADDN–6102-G	Piston assy.—standard		52/57/4		–	4	–
FB	⊕ E1ADDN–6102-H	Piston assy.—.0025" o/s		52/57/4		–	4	–
FB	** E1ADDN–6102-J	Piston assy.—standard		7/59/	Use in sets of four	–	4	–
FB	** E1ADDN–6102-K	Piston assy.—.0025" o/s		7/59/	Use in sets of four	–	4	–

§ Use with Power Assisted Steering.

♦ Use with E1ADDN-6051-D Gasket. Refer to Service Letter No. 9, 1960, Tractor Series—Export, and Service Letter No. 10, 1960. Tractor Series—Domestic.

* Use cylinder head gasket E1ADDN-6051-C or E1ADDN-6051-E Refer to Service Letter No. 9, 1960 Tractor Series—Export and Service Letter No. 10 1960 Tractor Series—Domestic.

⊕ When replacing pistons with centre combustion chamber by E1ADDN-6102-G/H with offset combustion chamber, the pistons must be replaced in sets of four.

** Not to be used wher a decompressor is fitted if a total of .010" has been removed from the cylinder block and/or head face.

▲ Use with cylinder block having 7/16" bearing cap tapped holes

ENGINE — *continued*

PISTON AND CONNECTING ROD — continued

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
FB	E1ADN–6102-C	Piston - Standard	2	52/		4	–	–
FB	E1ADKN–6102-C	Piston assy.–standard		52/57/4		–	–	4
FB	E1ADKN–6102-D	Piston assy.–.0025" o/s		52/57/4		–	–	4
FB	E1ADDN–6110-E	Piston–standard	2	4/57/59/7		–	4	–
FB	E1ADDN–6110-E	Piston–standard		‡		–	4	–
FB	E1ADDN–6110-F	Piston–.0025" o/s		‡		–	4	–
FB	⊛E1ADDN–6110-J	Piston–standard	2	52/57/4		–	4	–
FB	••E1ADDN–6110-L	Piston–standard		7/59/	Use in sets of four	–	4	–
FB	E1ADN –6135	Pin (piston)		52/		4	–	–
FB	†E1ADDN–6135-B	Pin (piston)–solid type	3	52/57/4		–	4	–
FB	E1ADKN–6135	Pin (piston)		52/57/4		–	–	4
FB	E1ADDN–6135-C	Pin (piston)	3	4/57/		–	4	–
FB	E1ADKN–6140-A	Retainer (piston pin)	2	52/57/4		8	8	8
FB	E1ADKN–6140-A	Retainer (piston pin)	2	4/57/		8	–	–
FB	E1ADDN–6140	Retainer (piston pin)	2	4/57/		–	8	–
	508E–6148-A	Set (piston ring) - Std.	3	52/	Replaces E1ADN-6149-A	ar	–	–
	508E–6148-B	Set (piston ring) - .0025" o/s		52/	Replaces E1ADN-6149-B	ar	–	–
	510E–6148-A	Set (piston ring) - std.	20	52/	Replaces E1ADKN-6149-A	–	ar	ar
	510E–6148B	Set (piston ring) - .0025 o/s	5	52/	Replaces E1ADKN-6149-B	–	ar	ar
	E1ADN –6150-C	Ring (piston compression) – upper – standard		52/	Parallel	4	–	–
	E1ADN –6150-D	Ring (piston compression) – upper –.0025" o/s		52/	Parallel	4	–	–
FB	E1ADKN–6150-C	Ring (piston compression) – upper – standard	5	52/	Parallel Replaced by E1ADDN-6149-A	–	4	4
FB	E1ADKN–6150-D	Ring (piston compression) – upper –.0025" o/s	2	52/	Parallel	–	4	4
	E1ADN –6152-C	Ring (piston compression) – lower – standard		52/	Tapered	4	–	–
	E1ADN –6152-D	Ring (piston compression) – lower –.0025" o/s		52/	Tapered	4	–	–
FB	E1ADKN–6152-C	Ring (piston compression) – lower – standard	5	52/	Tapered	–	8	8
FB	E1ADKN–6152-D	Ring (piston compression)– lower –.0025" o/s	2	52/	Tapered	–	8	8
	E1ADN –6153-A	Ring (piston oil control) – standard		52/		8	–	–
	E1ADN –6153-B	Ring (piston oil control) –.0025" o/s		52/		8	–	–
FB	E1ADKN–6153-A	Ring (piston oil control) – standard	5	52/		–	8	8
FB	E1ADKN–6153-B	Ring (piston oil control) –.0025" o/s	2	52/		–	8	8
	E1ADDN–6200-B	Rod (connecting) assy.		52/57/4		–	4	–
	E1ADDN–6200-B	*Rod (connecting) assy.*		52/57/4	*Parts Ex Plan-Domestic only*	–	4	–
FB	E1ADDN–6200-C	Rod (connecting) assy.		4/57/		–	4	–
FB	*E1ADDN–6200-C*	*Rod (connecting) assy.*		4/57/	*Parts Ex Plan-Domestic only*	–	4	–
	E1ADKN–6200-B	Rod (connecting) assy.		52/		4	–	4
	E1ADKN–6200-B	*Rod (connecting) assy.*		52/	*Parts Ex Plan-Domestic only*	1	–	1
	E1ADDN–6207	Bush (connecting rod) – small		4/57/	Export when requested	–	4	–
	E1ADKN–6207-B	Bush (connecting rod) – small		52/57/4	Export when requested	4	4	4

† Replaces earlier tubular pin in sets of four.

•• Not to be used where a decompressor is fitted if a total of .010" has been removed from the cylinder block and/or head face.

⊛ When replacing pistons with centre combustion chamber by E1ADDN–6102-G/4 with offset combustion chamber, the piston must be in sets of four

‡ Use in Services where a decompressor is fitted if a total of .010" has been removed from the cylinder block and/or head face.

ENGINE — *continued*

PISTON AND CONNECTING ROD — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADKN-6207-B	Bush (connecting rod) – small		4/57/	Export when requested	4	–	–
FB	E1ADDN-6211-A	Liner (connecting rod bearing) – standard	10	52/	Optional in journal sets	8	8	8
FB	E1ADDN-6211-L	Liner (connecting rod bearing) – standard	10	52/	Optional in journal sets	8	8	8
FB	E1ADDN-6211-B	Liner (connecting rod bearing) – .010" u/s bore	10	52/	Optional in journal sets	8	8	8
FB	E1ADDN-6211-C	Liner (connecting rod bearing) – .020" u/s bore	5	52/	Optional in journal sets	8	8	8
FB	E1ADDN-6211-D	Liner (connecting rod bearing) – .030" u/s bore	3	52/	Optional in journal sets	8	8	8
FB	E1ADDN-6211-E	Liner (connecting rod bearing) – .040" u/s bore	2	52/	Optional in journal sets	8	8	8
	E1ADDN-6211-K	Liner (connecting rod bearing) – .040" u/s bore	2	52/62/2	Optional in journal sets	8	8	8
FB	E1ADDN-6211-M	Liner (connecting rod bearing) – .010" u/s bore		2/62/		8	8	8
FB	E1ADDN-6211-N	Liner (connecting rod bearing) – .020" u/s bore		2/62/		8	8	8
FB	E1ADDN-6211-P	Liner (connecting rod bearing) – .030" u/s bore		2/62/		8	8	8
FB	E1ADDN-6211-R	Liner (connecting rod bearing) – .040" u/s bore		2/62/		8	8	8
S	**E1ADDN-6211-S	Liner (Connecting Rod) - Standard		52/	Except America	8	8	8
S	**E1ADDN-6211-T	Liner (Connecting Rod) .010 u/s Bore		52/	Except America	8	8	8
S	**E1ADDN-6211-U	Liner (Connecting Rod) .020 u/s Bore		52/	Except America	8	8	8
S	**E1ADDN-6211-V	Liner (Connecting Rod) .030 u/s Bore		52/	Except America	8	8	8
S	**E1ADDN-6211-W	Liner (Connecting Rod) .040 u/s Bore		52/	Except America	8	8	8
	*E1ADKN-6215-A	Bolt (connecting rod)	2	52/59/6	Optional in journal sets	As reqd.		
FB	E1ADDN-6215	Bolt (connecting rod)	3	52/		8	8	–
	382885-S2	Nut (connecting rod bolt)		52/	Repl. 117782-ES7C	8	8	8

*Required in service when bolt hole breaks through big end bearing diameter

**Liners of the same size are optional in pairs

REPLACEMENT CHART FOR CAMSHAFT, GEARTRAIN FRONT MOUNTING PLATE AND EXHAUST VALVES.

Parts in columns 1 and 2 in each of the tables (corresponding to engines built prior to the current production series) have a capital code letter (A, B, C or D) shown against them. **These parts are no longer serviced** in the location shown and when any of them need to be replaced, it is necessary to supply **all parts** in the third column with the corresponding small code letter shown against them. Thus, the replacement for a part marked "B" in the first or second column consists of all parts marked "b" in the third column. Those part numbers 1 and 2 which have no letter shown against them are being retained in service.

DIESEL	Column 1 Prior to April 1961		Column 2 When Camshaft with centre bolt fixing and O.F. stamped April – June 1961 on front face is fitted.		Column 3 After June 1961		
Name of Part	*Code Letter*	*Part Number*	*Code Letter*	*Part Number*	*Code Letter*	*Part Number*	*Qty.*
Slinger (centrifugal engine breather)		E14-CG-9		E45-CG-9	b c	E45-CG-9	1
Shaft (Engine Auxiliary Drive) Assy.		E96-CP-9		E94-CP-5	b	E94-CP-5	1
Gear (camshaft) – inner	A	E1ADKN-66614		E70-CP-9	b	E70-CP-9	1
Gear (camshaft) – inner	A	—		—	a	▲E83-CP-9	1
Gear (auxiliary) – driven	A	E1ADKN-66615		E71-CP-9	b	E71-CP-9	1
Gear (auxiliary) – driven	A	—		—	a	▲E84-CP-9	1
Bearing (auxiliary drive shaft) – front		E80-CP-9		E80-CP-9	b	E80-CP-9	1
Plate (engine front mounting plate screw locking)		E39-CN-9		E95-CN-9	b	E95-CN-9	1
Flange (injection pump coupling) – engine half		E1ADDN-993186-A		E1ADDN-993186-B	b	E1ADDN-993186-B	1
Plate (engine front mounting)		@E1ADKN-6030-C (Pre 1957)		—	b*	E1ADDN-6030-B	1
Plate (engine front mounting)		@E1ADKN-6030-D (Post 1957)		E1ADDN-6030-A	b*	E1ADDN-6030-A	1
Gasket (engine front mounting plate)		E1ADDN-6K000-A		E105-CN-9	b	E105-CN-9	1
		(528E-6251)		(Not serviced)		(528E-6250-D	1
Camshaft	B	(E1ADDN-6251)	D	((centre bolt fixing) O.F. stamped on front face)	b* d*	(E1ADDN-6250-D	1
		(—)		( )			
Gear (camshaft) – outer	C	E1ADKN-6256-B		E1ADDN-6256-A	b	E1ADDN-6256-A	1
Gear (camshaft) – outer	C	—		—	c	▲E1ADDN-6256-B	1
Gear (crankshaft)	C	E1ADKN-6306-B		E1ADDN-6306	b c	E1ADDN-6306	1
Gear (oil pump) – upper		E1ADN-6652		E1ADN-6652	b	E1ADN-6652	1
Plate (engine front mounting plate screw locking		E1ADKN-6819		E1ADDN-6819	b	E1ADDN-6819	4
Lockwasher		—		34911-S7/8	b	34911-S7/8	1
Lockwasher		34913-S		34913-S	b	34913-S	1
Key		74175-S		74178-S	b	74178-S	2
Washer		—		113201-ES	b	113201-ES	1
Bolt		118844-ESB		113589-ES	b	113589-ES	1
Key		—		115008-ES	b	115008-ES	1
Bolt	E	20346-S7/8		304648-S2	b e	304648-S2	1
Bolt	E	20348-S2		304650-S2	b e	304650-S2	10
Bolt	E	20406-S2		304701-S2	b e	304701-S2	9
Bolt	E	20347-S7/8		304649-S2	b e	304649-S2	5
Bolt	E	20406-S2		304758-S2	b e	304758-S2	1
Shim (auxiliary drive shaft bearing)		—		—	b	E325-Z-9	1
Bolt		—		—	b	133637-ES2	9

▲Service only parts not used in production.

VALVE EQUIPMENT

DIESEL	Column 1 Prior to April 1961		Column 2 When Camshaft with centre bolt fixing and O.F. stamped on front face is fitted.		Column 3 After June 1961		
Name of Part	*Code Letter*	*Part Number*	*Code Letter*	*Part Number*	*Code Letter*	*Part Number*	*Qty.*
Valve (exhaust) used prior to March 1961		E1ADDN-6505-B					
Valve (exhaust) used after March 1961		E1ADDN-6505-C		E1ADDN-6505-C		E1ADDN-6505-C	4
Spring (valve)		E1ADKN-6513-B		E1ADKN-6513-B		E1ADDN-6513	8
Retainer (inlet valve spring)		E1ADKN-6514-B		E1ADKN-6514-B		E1ADDN-6514-D	4
Retainer (exhaust valve spring)		E1ADDN-6514-C		E1ADDN-6514-C		E1ADDN-6514-E	4
Spacer (exhaust valve spring)		E1-CP-9		E1-CP-9		E1ADDN-6515	4
Collet (exhaust valve spring retainer)		E1ADDN-6518-C		E1ADDN-6518-C		E1ADDN-6518-C	4
Cap (exhaust valve stem)		E1ADDN-6550-C		E1ADDN-6550-C		E1ADDN-6550-C	4

NOTE:– If so desired, replacement "b" may be used in place of "a" and "c".

Where valve failure has repeatedly occurred, the valve equipment shown in column 3 may be supplied in addition to the parts indicated with the letter "b". **This valve equipment may be used only in conjunction with parts marked "b".**

Although the auxiliary drive shaft bearing, oil pump gear, exhaust valve, collet and cap are shown unchanged in columns 2 and 3 from column 1, these parts were subject to change in the past and when servicing an engine care must be taken to ensure that the latest types are fitted.

To fit the current bearing to cylinder blocks which do not incorporate a counterbore in the auxiliary drive shaft front bearing bore, and to maintain correct bearing protrusion, it will be necessary to re-cut this bore with tool number CT.6126. Since the current valve springs will have a larger diameter, the inlet valve spring recesses in the cylinder head must also be re-cut with tool number CT.6125.

@Supply also 133637-ES2 for engines built prior to 1957.

*When effecting replacements "b" or "d" the correct mounting plate and/or camshaft is that which appears on the same line as the part number to be replaced. It is therefore essential that the mounting plate and/or camshaft on the engine being serviced is correctly identified.

Parts in columns 1 and 2 in each of the tables (corresponding to engines built prior to the current production series) have a capital code letter (A, B, C or D) shown against them. **These parts are no longer serviced** in the location shown and when any of them need to be replaced, it is necessary to supply all parts in the third column with the corresponding small code letter shown against them. Thus, the replacement for a part marked "B" in the first or second column consists of all parts marked "b" in the third column. Those part numbers 1 and 2 which have no letter shown against them are being retained in service.

PETROL	Column 1 Prior to April 1961		Column 2 When Camshaft with centre bolt fixing and O.F. stamped on front face is fitted. April–June 1961		Column 3 After June 1961		
Name of Part	*Code Letter*	*Part Number*	*Code Letter*	*Part Number*	*Code Letter*	*Part Number*	*Qty.*
Slinger (centrifrugal engine breather)		E14-CG-9		E45-CG-9	b c	E45-CG-9	1
Shaft (Engine Auxiliary Drive) Assy.		E96-CP-9		E94-CP-5	b	E93-CP-9	1
Gear (camshaft) – inner	A	E1ADKN-66614		E70-CP-9	b	E70-CP-9	1
Gear (camshaft) – inner	A	—		—	a	▲E83-CP-9	1
Gear (auxiliary) – driven	A	E1ADKN-66615		E71-CP-9	b	E71-CP-9	1
Gear (auxiliary) – driven	A	—		—	a	▲E84-CP-9	1
Bearing (auxiliary drive shaft) – front		E80-CP-9		E80-CP-9	b	E80-CP-9	1
Plate (engine front mounting plate screw locking)		E39-CN-9		E95-CN-9	b	E95-CN-9	1
Plate (engine front mounting)		⊕E1ADKN-6030-C (Pre 1957)		—	b*	E1ADDN-6030-B	1
Plate (engine front mounting)		⊕E1ADKN-6030-D (Post 1957)		E1ADDN-6030-A	b*	E1ADDN-6030-A	1
Gasket (engine front mounting plate)		E1ADDN-6K000-A		E105-CN-9	b	E105-CN-9	1
				(Not serviced)			
Camshaft	B	528E-6251	D	((centre bolt fixing)	b* d*	528E-6250-D	1
Camshaft	B	E1ADDN-6251	D	(O.F. stamped on) (front face)	b* d*	E1ADDN-6250-D	1
Gear (camshaft) – outer	C	E1ADKN-6256-B		E1ADDN-6256-A	b	E1ADDN-6256-A	1
Gear (camshaft) – outer	C	—		—	c	▲E1ADDN-6256-B	1
Gear (crankshaft)	C	E1ADKN-6306-B		E1ADDN-6306	b c	E1ADDN-6306	
Gear (oil pump) – upper		E1ADN-6652		E1ADN-6652	b	E1ADN-6652	
Plate (engine front mounting plate screw locking		E1ADKN-6819		E1ADDN-6819	b	E1ADDN-6819	4
Lockwasher		—		34911-S7/8	b	34911-S7/8	1
Lockwasher		—		34911-S7/8	b	34911-S7/8	1
Lockwasher		34913-S		34913-S	b	34913-S	1
Key		74175-S		74178-S	b	74178-S	2
Washer		—		113201-ES	b	113201-ES	1
Bolt		118844-ESB		113589-ES	b	113589-ES	1
Key		—		115008-ES	b	115008-ES	1
Bolt	E	20346-S7/8		304648-S2	b e	304648-S2	1
Bolt	E	20348-S2		304650-S2	b e	304650-S2	10
Bolt	E	20406-S2		304701-S2	b e	304701-S2	9
Bolt	E	20347-S7/8		304649-S2	b e	304649-S2	5
Bolt	E	20406-S2		304758-S2	b e	304758-S2	1
Shim (auxiliary drive shaft bearing)		—		—	b	E325-Z-9	1
Bolt		—		—	b	133637-ES2	9

NOTES

If so desired, replacement "b" may be used in place of "a" and "c".

Although the auxiliary drive shaft bearing and oil pump gear, are shown unchanged in columns 2 and 3 from column 1, these parts were subject to change in the past and when servicing an engine care must be taken to ensure that the latest type parts are fitted.

To fit the current bearing to cylinder blocks which do not incorporate a counterbore in the auxiliary drive shaft front bearing bore, and to maintain correct bearing protrusion, it will be necessary to re-cut this bore with tool number CT.6126. Since the current valve springs will have a larger diameter, the inlet valve spring recesses in the cylinder head must also be re-cut with tool number CT. 6125.

⊜ Supply also 133637-ES2 for engines built prior to 1957.

⊕ Supply also 133637-ES2 for engines built prior to 1957.

▲ Service only parts – not used in production.

* When effecting replacements "b" or "d" the correct mounting plate and/or camshaft is that which appears on the same line as the part number to be replaced. It is therefore essential that the mounting plate and/or camshaft on the engine being serviced is correctly identified.

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.	P	D	V
		ENGINE—*continued*							
		CAMSHAFT, CRANKSHAFT AND MAIN BEARING LINERS							
	E1ADKN–6234	Dowel (camshaft gear)	5	52/59/5		1	1	1
	E1ADDN–6234-A	Dowel (camshaft gear)	2	5/59/61/4	Plain Shank	1	1	–
FB	E1ADDN–6234-B	Dowel (camshaft gear)		3/59/61/4	Copper Plated	1	1	–
FB	#528E–6250-D	Camshaft		4/57/61/6	1800 R. P. M.	–	1	–
FB	#E1ADDN–6250-D	Camshaft		52/	1600 R. P. M.	1	1	1
	⊕E1ADDN–6251-C	Camshaft		52/57/4	1600 R.P.M. engine	–	1	1
	⊕E1ADDN–6251-C	Camshaft		52/61/4	1600 R.P.M. engine	1	–	–
	⊕E1ADDN–6251-C	Camshaft		8/56/61/4	1600 R.P.M. engine	–	1	–
	⊕528E–6251-C	Camshaft		4/57/8/58	1800 R. P. M. engine	–	1	–
FB	* E1ADDN–6256-A	Gear (camshaft) – outer – gear width $^{15}/_{16}$"		4/61/		1	1	–
FB	♦ □ E1ADDN–6256-B	Gear (camshaft) – outer – gear width $^{15}/_{16}$"	20	52/61/4		1	1	–
FB	* 115008-ES	Key (camshaft gear to camshaft)		4/61/		1	1	–
FB	* 113201-ES	Plate (camshaft gear clamping)		4/61/		1	1	–
FB	* 113589-ES	Bolt (camshaft gear retaining)		4/61/		1	1	–
FB	* 34911-S7/8	Lockwasher		4/61/		1	1	–
FB	* E70-CP-9	Gear (camshaft) – inner – gear width $^{15}/_{16}$"		4/61/		1	1	–
FB	□ E83-CP-9	Gear (camshaft) – inner		52/61/4		1	1	–
FB	♦ □ 118844-ESB	Screw (outer to inner gear to camshaft)		52/61/4		3	3	–
FB	♦ □ E1ADDN–6258	Retainer (camshaft gear screw) and dowel pin		52/61/4		1	1	–
	E198-Z-9	Shim (camshaft thrust washer)		§	.003" thick	ar	ar	–
	E199-Z-9	Shim (camshaft thrust washer)		§	.005" thick	ar	ar	–
	508E –6261-E	Bearing (camshaft) front standard		52/		ar	ar	–
	508E –6261-F	Bearing (camshaft) – front std.I.D. .020" o\s O.D.		52/		ar	ar	–
	508E –6262-E	Bearing (camshaft) – except front – std.		52/		ar	ar	–
	508E –6262-F	Bearing (camshaft) – except front – std. I. D. – .020" o/s O.D.		52/		ar	ar	–
FB	115468-ES	Plug (camshaft rear bearing expansion) 2-5/64 dia.		52/	Replaces 119779-ES	1	1	1
	115469-ES	Plug (camshaft rear bearing expansion) 2-13/64 Dia.		52/	Replaces 119784-ES	1	1	1
	115470-ES	Plug (camshaft rear bearing expansion) 2-7/32 Dia.		52/	Replaces 115409-ES	1	1	1
FB	E1ADDN–6280-A	Plate (camshaft thrust) and peg assy.	30	52/61/2		1	1	–
	** E1ADDN–6303-F	Crankshaft	2	52/	Stepped 2"/2$^{1}/_{64}$" gear journal	1	1	–
FB	E1ADDN–6306-A	Gear (crankshaft)		■		1	1	–
	E1ADDN–6306-B	Gear (crankshaft)		52/		1	1	–
	74180-S	Key (gear to crankshaft)		52/53		1	1	1
	115006-ES	Key (gear and pulley to crankshaft)		⎦	.010" o/s	1	1	1
	E1ADKN–6312-B	Pulley (crankshaft) assy.	5	52/54/9		1	1	1
	74180-S	Key (pulley to crankshaft)		52/53		1	1	1
FB	119846-ES	Key (gear and pulley to crankshaft)		53/		1	1	1
FB	E1ADKN–6312-C	Pulley (crankshaft) assy.	10	9/54/	With narrow fan belt	1	1	1

♦ These parts together replaces previous type retainer and screws. ■ Replaces previous type gear.
□ Use with camshaft having 3 bolt fixing.
* Use with camshaft having centre bolt fixing.
# Replaces previous type camshaft which had either 3 bolt gear fixing or centre bolt gear fixing and "O. F. " stamped on front face –
# Replaces previous type camshaft which had either 3 bolt gear fixing or centre bolt gear fixing and "O. F. " stamped on front face - refer to page 104 of this list.
§ Fitted in Service to maintain correct camshaft end float.
⊕ SERVICE ONLY CAMSHAFT to be used on engines built prior to Eng. No. 1599502 (Apl.61) which have not had the "Camshaft Change" modification, and where this modification is not required.
♦ Together with E1ADDN-6306 replaces previous type gear $^{7}/_{8}$" width
** Together with E1ADDN–6306-B replaces previous type crankshaft
⎦ Use in service when requested

ENGINE — *continued.*

CAMSHAFT, CRANKSHAFT AND MAIN BEARING LINERS — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADKN–6319	Ratchet (crankshaft)	2	52/58/11		1	1	1
FB	E1ADDN–6319	Ratchet (crankshaft)	2	11/58/		1	1	–
	E1ADN–6324-B	Cap (crankshaft front bearing)		52/57/4		1	1	1
	††E1ADN–6324-D	Cap (crankshaft front bearing)		52/57/4		1	1	1
	††E1ADN–6324-G	Cap (crankshaft front bearing)		8/64/		1	1	1
	□□E1ADDN–6324-A	Cap (crankshaft front bearing)		52/57/4		1	1	1
	E1ADDN–6324-B	Cap (crankshaft front bearing)		4/57/61/2		1	1	–
	‡E1ADDN–6324-C	Cap (crankshaft front bearing)		52/57/4		1	1	1
FB	†E1ADDN–6324-E	Cap (crankshaft front bearing)		2/61/64/8		1	1	1
	E1ADDN–6325-A	Cap (crankshaft rear bearing)		52/61/2		1	1	1
FB	E1ADDN-6325-C	Cap (crankshaft rear bearing)		2/61/64/8		1	1	1
	††E1ADDN–6325-E	Cap (crankshaft rear bearing)		8/64/		1	1	1
	E1ADDN–6329-A	Cap (crankshaft, intermediate bearing)		52/61/2		2	2	2
FB	E1ADDN-6329-C	Cap (crankshaft intermediate bearing)		2/61/64/8		2	2	2
	††E1ADDN–6329-E	Cap (crankshaft intermediate bearing)		8/64/		1	1	1
	E1ADDN–6330-A	Cap (crankshaft centre bearing)		52/61/2		1	1	1
FB	E1ADDN-6330-C	Cap (crankshaft centre bearing)		2/61/64/8		1	1	1
	††E1ADDN–6330-E	Cap (crankshaft center bearing)		8/64/		1	1	1
FB	E1ADKN–6332-A	Washer (crankshaft ratchet)	2	52/		1	1	1
FB	§E1ADKN–6332-B	Washer (crankshaft ratchet)		52/		1	1	1
FB	*E1ADDN–6333-A	Liner (front and intermediate main bearing) – .015" o/s O.D. – .010" u/s bore		52/	Optional in journal sets	6	6	6
FB	**E1ADDN–6333-AC	Liner (front and intermediate main bearing) – .015" o/s O.D. – .010" u/s bore		2/62/		6	6	6
FB	*E1ADDN–6333-B	Liner (front and intermediate main bearing) – .015" o/s O.D. – .020" u/s bore		52/	Optional in journal sets	6	6	6
FB	**E1ADDN–6333-AD	Liner (front and intermediate main bearing) – .015" o/s O.D. – .020" u/s bore		2/62/		6	6	6
FB	*E1ADDN–6333-C	Liner (front and intermediate main bearing) – .015" o/s O.D. – .030" u/s bore		52/	Optional in journal sets	6	6	6
	*E1ADDN–6333-G	Liner (front and intermediate main bearing) – .015" o/s O.D. – .030" u/s bore		52/62/2	Optional in journal sets	6	6	6
FB	**E1ADDN–6333-AE	Liner (front and intermediate main bearing) – .015" o/s O.D. – .030" u/s bore		2/62/		6	6	6
FB	*E1ADDN–6333-D	Liner (front and intermediate main bearing) – .015" o/s O.D. – .040" u/s bore		52/	Optional in journal sets	6	6	6
FB	**E1ADDN–6333-AF	Liner (front and intermediate main bearing) – .015" o/s O.D. – .040" u/s bore		2/62/		6	6	6
FB	*E1ADDN–6333-J	Liner (front and intermediate main bearing – std. bore – .015" o/s O.D.	2	8/58/	Optional in journal sets	6	6	6
S	#E1ADDN-6333-AN	Liner (Front & Intermediate Main Bearing) .015 o/s O.D. - .010 u/s Bore		52/	Except America	6	6	6
S	#E1ADDN-6333-AP	Liner (Front and Intermediate Main Bearing)– .015 o/s O.D. - .020 u/s Bore		52/	Except America	6	6	6
S	#E1ADDN-6333-AQ	Liner (Front and Intermediate Main Bearing)– .015 o/s O.D. - .030 u/s Bore		52/	Except America	6	6	6
S	#E1ADDN-6333-AR	Liner (Front and Intermediate Main Bearing)– .015 o/s O.D. - .040 u/s Bore		52/	Except America	6	6	6
S	#E1ADDN-6333-AT	Liner (Front and Intermediate Main Bearing)– Standard Bore - .015 o/s O.D.		52/	Except America	6	6	6

** Together with basic No. 6333/6338, Liners of same suffix of appropriate size are optional in engine sets. See Export Parts Information No. 1. 1962 series Domestic Tractor Parts Information No.331.

□□For use with cylinder block having 7/16" front mounting plate fixing holes.

†Attach with 9/16" Bolts.

††Attach with 5/8" Bolts.

*Optional in journal sets. Reference must be made to Export Parts Information No.1. 1962 or Domestic Tractor Parts Information No.331.

§Use with power assisted steering

‡ For use with cylinder block having 1/8" front mounting plate fixing holes.

#Optional with Liners of same size if used in sets

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
		ENGINE — *continued*				
		CAMSHAFT, CRANKSHAFT AND MAIN BEARING LINERS—*continued*				
FB	**E1ADDN–6333-AG	**Liner (front and intermediate main bearing) – std. bore – .015" o/s O.D.**		2/62/		6 6 6
FB	*E1ADDN–6333-L	**Liner (front and intermediate main bearing) – standard**	25	52/	**Optional in journal sets**	6 6 6
FB	*E1ADDN–6333-W	**Liner (front and intermediate main bearing) – standard**	25	52/	**Optional in journal sets**	6 6 6
	#E1ADDN–6333-AH	Liner (Front and Intermediate Main Bearing) - Standard		52/	Except America	6 6 6
FB	*E1ADDN–6333-M	**Liner (front and intermediate main bearing) – .010" u/s bore**	10	52/	**Optional in journal sets**	6 6 6
	#E1ADDN–6333-AJ	.010 u/s Bore		52/	Except America	6 6 6
FB	**E1ADDN–6333-Y	**Liner (front and intermediate main bearing) – .010" u/s bore**		2/62/		6 6 6
FB	*E1ADDN–6333-N	**Liner (front and intermediate main bearing) – .020" u/s bore**	10	52/	**Optional in journal sets**	6 6 6
	#E1ADDN–6333-AK	.020 u/s Bore		52/	Except America	6 6 6
FB	**E1ADDN–6333-Z	**Liner (front and intermediate main bearing) – .020" u/s bore**		2/62/		6 6 6
FB	*E1ADDN–6333-P	**Liner (front and intermediate main bearing) – .030" u/s bore**	5	52/	**Optional in journal sets**	6 6 6
	#E1ADDN–6333-AL	.030 u/s Bore		52/	Except America	6 6 6
	*E1ADDN–6333-U	**Liner (front and intermediate main bearing) – .030" u/s bore**	5	52/62/2	**Optional in journal sets**	6 6 6
FB	**E1ADDN–6333-AA	**Liner (front and intermediate main bearing) – .030" u/s bore**		2/62/		6 6 6
FB	*E1ADDN–6333-Q	**Liner (front and intermediate main bearing) – .040" u/s bore**	2	52/	**Optional in journal sets**	6 6 6
	#E1ADDN–6333-AM	.040 u/s Bore		52/	Except America	6 6 6
FB	**E1ADDN–6333-AB	**Liner (front and intermediate main bearing) – .040" u/s bore**		2/62/		6 6 6
	*E1ADKN–6333-G	**Liner (front and intermediate main bearing) – std. bore; .015" o/s O.D.**		52/58/8	**Optional in journal sets**	6 6 6
	*E1ADKN–6333-N	Liner (front and intermediate main bearing) - std. bore; .015" o/s O.D.		52/58/8	Optional in journal sets Replaced by E1ADDN–6333-J or AT	6 6 6
FB	•E159-Z-9	**Kit (centre main bearing thrust washer) – standard**	20	52/	**Optional with E160-Z-9**	2 2 2
FB	•E160-Z-9	**Kit (centre main bearing thrust washer) – standard**	20	52/	**Optional with E159-Z-9**	2 2 2
FB	•E161-Z-9	**Kit (centre main bearing thrust washer) – .0025" o/s**	5	52/	**Optional with E162-Z-9**	2 2 2
FB	•E162-Z-9	**Kit (centre main bearing thrust washer) – .0025" o/s**	5	52/	**Optional with E161-Z-9**	2 2 2
FB	•E163-Z-9	**Kit (centre main bearing thrust washer) – .005" o/s**	3	52/	**Optional with E164-Z-9**	2 2 2
FB	•E164-Z-9	**Kit (centre main bearing thrust washer) – .005" o/s**	3	52/	**Optional with E163-Z-9**	2 2 2
FB	•E165-Z-9	**Kit (centre main bearing thrust washer) – .0075" o/s**		52/	**Optional with E166-Z-9**	2 2 2
FB	•E166-Z-9	**Kit (centre main bearing thrust washer) – .0075" o/s**		52/	**Optional with E165-Z-9**	2 2 2
FB	•E167-Z-9	**Kit (centre main bearing thrust washer) – .010" o/s**		52/	**Optional with E168-Z-9**	2 2 2
FB	•E168-Z-9	**Kit (centre main bearing thrust washer) – .010" o/s**		52/	**Optional with E167-Z-9**	2 2 2
FB	•E169-Z-9	**Kit (centre main bearing thrust washer) – .015" o/s**		52/	**Optional with E170-Z-9**	2 2 2
FB	•E170-Z-9	**Kit (centre main bearing thrust washer) – .015" o/s**		52/	**Optional with E169-Z-9**	2 2 2
FB	•E171-Z-9	**Kit (centre main bearing thrust washer) – .020" o/s**		52/	**Optional with E172-Z-9**	2 2 2
FB	•E172-Z-9	**Kit (centre main bearing thrust washer) – .020" o/s**		52/	**Optional with E171-Z-9**	2 2 2

***Optional in journal sets. Reference must be made to Export Parts Information No.1.1962 series or Domestic Tractor Parts Information No.331**

****Together with basic No. 6333/6338, liners of same suffix of appropriate size are optional in engine sets**

See Export Parts Information No.1. 1962 series Domestic Tractor Parts Information No.331

• Order first part number of size required, we will ship either part dependant on availability.

#Optional with Liners of same size if used in sets

ENGINE — *continued*

CAMSHAFT, CRANKSHAFT AND MAIN BEARING LINERS — *continued*

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
FB		E1ADKN–6335–C	Retainer (rear main bearing oil seal)		52/		1	1	1
FB		355599-ES	Screw (retainer to cylinder block)		52/59/8		3	3	3
FB		355599-ES	Screw (retainer to cylinder block)		8/59/		2	2	2
FB		*E1ADDN–6338–A	Liner (centre and rear main bearing) – .015" o/s O.D. – .010" u/s I.D.		52/	Optional in Journal sets	4	4	4
FB		**E1ADDN–6338–AC	Liner (centre and rear main bearing) – .015" o/s O.D. – .010" u/s I.D.		2/62/		4	4	4
FB		*E1ADDN–6338–B	Liner (centre and rear main bearing) – .015" o/s O.D. – .020" u/s I.D.		52/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AN	.015 o/s O.D. - .010 u/s I.D.		52/	Except America	4	4	4
	S	#E1ADDN-6338-AP	.015 o/s O.D. - .020 u/s I.D.		52/	Except America	4	4	4
FB		**E1ADDN–6338–AD	Liner (centre and rear main bearing) – .015" o/s O.D. – .020" u/s		2/62/		4	4	4
FB		*E1ADDN–6338–C	Liner (centre and rear main bearing) – .015" o/s O.D. – .030" u/s I.D.		53/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AQ	.015 o/s O.D. - .030 u/s I.D.		52/	Except America	4	4	4
FB		**E1ADDN–6338–AE	Liner (centre and rear main bearing) – .015" o/s O.D. – .030" u/s I.D.		2/62/		4	4	4
FB		*E1ADDN–6338–D	Liner (centre and rear main bearing) – .015" o/s O.D. – .040" u/s I.D.		52/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AR	.015 o/s O.D. - .040 u/s I.D.		52/	Except America	4	4	4
FB		**E1ADDN–6338–AF	Liner (centre and rear main bearing) – .015" o/s O.D. – .040"u/s I.D.		2/62/		4	4	4
FB		*E1ADDN–6338–J	Liner (centre and rear main bearing) – std. bore – .015" o/s O.D.		52/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AT	Standard Bore - .015 o/s O.D.		52/	Except America	4	4	4
FB		**E1ADDN–6338–AG	Liner (centre and rear main bearing) – std. bore – .015" o/s O.D.		2/62/		4	4	4
FB		*E1ADDN–6338–L	Liner (centre and rear main bearing) – standard	25	52/	Optional in Journal sets	4	4	4
FB		*E1ADDN–6338–W	Liner (centre and rear main bearing) – standard	25	52/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AH	Liner (Center and Rear Main Bearing) - Standard		52/	Except America	4	4	4
FB		*E1ADDN–6338–M	Liner (centre and rear main bearing) – .010" u/s bore	10	52/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AJ	Liner (Center and Rear Main Bearing) - .010 u/s Bore		52/	Except America	4	4	4
		*E1ADDN–6338–S	Liner (centre and rear main bearing) – .010" u/s bore	10	52/62/2	Optional in Journal sets	4	4	4
FB		**E1ADDN–6338–Y	Liner (centre and rear main bearing) – .010" u/s bore		2/62/		4	4	4
FB		*E1ADDN–6338–N	Liner (centre and rear main bearing) – .020" u/s bore	5	52/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AK	Liner (Center and Rear Main Bearing) - .020 u/s Bore		52/	Except America	4	4	4
FB		*E1ADDN–6338–P	Liner (centre and rear main bearing) – .030" u/s bore	3	52/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AL	Liner (Center and Rear Main Bearing) - .030 u/s Bore		52/	Except America	4	4	4
FB		*E1ADDN–6338–Q	Liner (centre and rear main bearing) – .040" u/s bore	3	52/	Optional in Journal sets	4	4	4
	S	#E1ADDN-6338-AM	Liner (Center and Rear Main Bearing) - .040 u/s Bore		52/	Except America	4	4	4

Domestic Tractor Parts Information No.331

*Optional in Journal sets. Reference must be made to Export Parts Information No.1 1962 series or Domestic Parts Information No.331

** Together with basic No.6333/6338 of same suffix of appropriate size are optional in engine sets. See Export Parts Information. No. 1. 1962 series Tractor Parts Information No.331.

#Optional with Liners of same size if used in sets.

ENGINE—*continued*

CAMSHAFT, CRANKSHAFT AND MAIN BEARING LINERS—*continued*

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	P	D	V
FB		E1ADKN–6343-B	Plate (rear main bearing oil seal locking)	10	52/		1	1	1
		○○E1ADDN–6346-B	Bolt (main bearing cap)		52/61/2	"75" on head	10	10	10
	Y	▲508E–6346	Bolt (main bearing cap)		2/61/64/8	Replaces E1ADDN–6346-D	10	10	–
	S	†508E–6346-B	Bolt (main bearing cap) 5/8 - 11 x 3.70 (head .50)		8/64/		2	2	2
	S	†508E–6346-C	Bolt (main bearing cap) 5/8 - 11 x 3.70 (Head .40)		8/64/		8	8	8
		○○E16-CA-9	Plate (centre, rear and intermediate bearing cap bolt locking)	15	52/61/2		4	4	4
FB	Y	▲E76-CA-9	Plate (centre, rear and intermediate bearing cap bolt locking)		2/61/64/8		4	4	–
		○○E17-CA-9	Plate (front bearing cap bolt locking)	15	52/61/2		2	2	2
FB	Y	▲E77-CA-9	Plate (front bearing cap bolt locking)		2/61/64/8		2	2	–
		E1ADKN–6362-A	Seal (front main bearing oil) assy.	25	52/54/9		1	1	1
FB		510E –6362	Seal (front main bearing oil) assy.*	75	9/54/	With narrow fan belt	1	1	1
FB		E1ADKN–6369-B	Gasket (rear main bearing oil seal retainer)	10	52/		1	1	1
FB		508E–6431-A	Plate (flywheel to crankshaft Bolt Locking)		52/	Replaces DKN-6367	3	3	3

ENGINE AUXILIARY DRIVE SHAFT

		♦E78-CP-9	Shaft (Engine Auxiliary Drive) and Oil Pump Gear Assy		4/61/		1	–	–
FB		74178-S	Key (gear to shaft)		4/61/		1	1	–
FB		E92-CP-5	Shaft (engine auxiliary drive) and oil pump gear assy.		4/62/		–	1	–
	A	E94-CP-5	Shaft & Oil Pump Drive Gear Assy. (Engine Auxiliary Drive)		4/61/61/4	With (1) 528E-6652 Replaces E68-GP-9	–	1	–
	A	E96-CP-9	Shaft & Oil Pump Drive Gear Assy. (Engine Auxiliary Drive)		52/61/4		1	1	–
FB		E1ADDN–66610-A	Seal (engine auxiliary drive shaft) assy.	40	52/		–	1	–
FB		E1ADDN–66611	Ring (engine auxiliary drive shaft oil seal)	5	52/62/4		–	1	–
		E109-CF-5	Ring (Engine Auxiliary Drive Shaft Oil Seal)		4/62		–	1	–
		E1ADN-66612	Cover (engine auxiliary drive shaft end)		52/	Use less governor	1	–	1
		74175-S	Key (gear to shaft)		52/61/3		1	1	1
FB		♦E71-CP-9	Gear (auxiliary) – driven		■		1	1	–
FB		34913-S	Lockwasher		4/61/		1	1	–
FB		E80-CP-9	Bearing (engine auxiliary drive shaft) assy. – front		4/61/		1	1	–
		‡‡E325-Z-9	Shim (engine auxiliary drive shaft bearing)		‡‡		ar	ar	
		□E84-CP-9	Gear (auxiliary) – driven		52/61/4		1	1	1
FB		34692-S	Nut		52/		1	1	1
FB		34913-S	Lockwasher		52/61/3		1	1	1
		E1ADKN-66618-A	Bearing (engine auxiliary drive shaft) assy. – front	10	52/61/4		1	1	1
FB		E1ADKN-66620-A	Bearing (engine auxiliary drive shaft) assy. – rear	10	52/		1	1	1

○○Use with cylinder block having ½" bearing cap tapped holes. ▲Use with cylinder block having $^{9}/_{16}$" bearing cap tapped holes.
■Replaces previous type gear. See page 104. † This part must be serviced with E1ADN-6652 as a pair
♦Use with camshaft which has centre bolt fixing for gears. □Use with camshaft which has 3 bolt fixing for gear
‡‡ This shim must be fitted when E80-CP-9 bearing is fitted to engines where the bearing housing counterbore requires rework.—Refer to Domestic Tractor Parts Information No.321 or Export Parts Information. NO.7.
*Optional in journal sets. Reference must be made to Export Parts Information No. 1, 1962 series or Domestic Parts Information No. 331
**Together with basic no. 6333/6338 of same suffix of appropriate size are optional in engine sets. See Export Parts Information. No. 1, 1962 series or Tractor Parts Information No. 331
†Use with Cylinder Block having 5/8" Bearing Cap Tapped Holes.

ENGINE — continued

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	FLYWHEEL							
FB	E1ADDN–6375-D	Flywheel assy.		9/54/		–	1	–
	▲E1ADKN–6375-D	Flywheel assy.		52/		1	–	1
	⊕⊕E1ADKN–6375-E	Flywheel assy.		3/57/		1	–	1
FB	2704E–6375-A	Flywheel Assy .....(Repl. 2704E-6375)		1/60/	Agricultural	–	1	–
FB	°2704E–6375-A	Flywheel Assy		1/60/	Industrial – Replaces 2704E-6375	–	1	–
	‡E86-GC-9	Dowel (clutch cover to flywheel locating)		1/60/	Part of E1ADDN–6375-F .3735/.3740" by .6" long	–	1	–
	‡E87-GC-9	Dowel (clutch cover to flywheel locating)		1/60/	Part of E1ADDN–6375-F .3105/.3110" by .6" long	–	1	–
	‡E115-GC-9	Dowel (clutch cover to flywheel locating)		10/62/	Part of E1ADDN–6375-G .3735/.3740" by .8" long	–	1	–
	‡E116-GC-9	Dowel (clutch cover to flywheel locating)		10/62/	Part of E1ADDN–6375-G .3105/.3110" by .8" long	–	1	–
FB	113031-ES	Bolt (flywheel to crankshaft)		52/		6	6	6
FB	E1ADKN-6367	Plate (flywheel to crankshaft bolt locking)	15	52/		3	3	3
FB	E1ADDN–6384	Gear (flywheel starting ring)	70	52/		–	1	–
	E1ADKN–6384	Gear (flywheel starting ring)		52/		1	–	1
FB	50055-ES18	Screw (ring gear to flywheel)		52/		6	6	6
FB	34956-S7	Lockwasher		52/		6	6	6
	E1ADKN–6387-A	Dowel (flywheel to crankshaft)	3	52/54/9		2	2	2
	E1ADKN–6387-A	Dowel (flywheel to crankshaft)	3	9/54/	Flywheel timing	1	1	1
FB	E1ADKN–6387-B	Dowel (flywheel to crankshaft)	3	9/54/	Flywheel timing	1	1	1
	VALVE AND ROCKER MECHANISM							
	E1ADKN–6449-A	Cover (valve rocker arm) assy.		52/57/4		1	1	1
	E1ADKN–6449-A	Cover (valve rocker arm) assy.		52/54	With decompressor	–	1	–
	E1ADN–6449	Cover (valve rocket rocker arm) Assy		54/57/4	Use with decompressor	–	1	–
	E1ADDN–6449-A	Cover (valve rocker arm) assy.		54/57/4	Use with decompressor	–	1	–
FA	E1ADDN–6449-C	Cover (valve rocker arm) assy. Repl. by E1ADDN-6449-D		4/57/63/10	Use with decompressor	–	1	–
	E1ADDN–6449-D	Cover (valve rocker arm) assy		10/63/	With decompressor	–	1	–
	592E–6449-B	Cover (valve rocker arm) assy. (Less decompressor)		10/63/	Replaces E1ADN-6449	1	1	–
FA	31081-S2	Screw (cover to cylinder head)		4/57/		6	6	–
	E28-CG-9	Hose (valve rocker cover ventilation pipe to air cleaner)		4/57/59/11		1	1	–
	E28–CG-9	Hose (ventilation pipe to valve rocker arm cover)		4/57/63/10		2	2	–
	E66–CG-9	Hose (ventilation pipe to valve rocker arm cover)		10/63/		1	1	–
	E1ADDN–6796-C	Pipe (valve rocker cover ventilation)		4/57/58/8		1	1	–
	E27-CG-9	Pipe (valve rocker cover ventilation)		4/57/58/8		1	1	–
	20326-S7/8	Screw (cover to rocker shaft bracket)		52/57/4		2	2	2
	E3-CH-9	Washer (cover screw)		52/57/4	Folded copper	2	2	2
FA	E1ADKN-6766	Cap (engine oil filler)	10	52/		1	1	1
FB	E1ADDN–6458-B	Sleeve (valve rocker shaft eccentric)		52/	With decompressor			
FB	74172-ES	Key (sleeve to shaft)		52/	With decompressor	–	4	–
FB	E1ADDN–6459-B	Shaft (valve rocker)		52/	Use with decompressor	–	1	–
	2700E–6459	Shaft (valve rocker)		52/64/8		1	–	–
	2700E–6459	Shaft (valve rocker)		53/64/8	Less decompressor	–	1	1
	2700E&6459	Shaft - Valve Rocker		8/64/		1	–	–
	2700E–6459	Shaft - Valve Rocker		8/64/	Less decompressor	–	1	1
	E1ADKN–6461-A	Bracket (valve rocker shaft) – intermediate		52/57/4		2	2	2
FB	E1ADKN–6461-B	Bracket (valve rocker shaft) – intermediate		4/57/		2	2	–
FB	20325-S7/8	Screw (intermediate bracket to rocker shaft) – locating		52/	Less decompressor	2	2	2
FB	34805-S7	Lockwasher		52/	Less decompressor	2	2	2

▲When replacing earlier type flywheel supply also (1) 508E-6700

⊕⊕ Use with Live Power Take-off. ‡ Use with 13" Clutch

‡ Use with 13" clutch □ When replacing E1ADDN-6449-C also use (1) E1ADDN-6796-C and (1) E66-CG-9

° When replacing E1ADDN-6375-F with 2704E-6375 after 10/62 also replace E86-GC-9 & E87-GC-9 with E115-GC-9 & E116-GC-9.

ENGINE — *continued.*

VALVES AND ROCKER MECHANISM — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
FB	E1ADKN–6462	**Bracket (valve rocker shaft) – centre**		52/		1	1	1
FB	45548-S2	**Screw (rocker shaft brackets to cylinder head)**		52/61/6		5	5	5
FB	34847-S2	**Washer (bracket screw) – tab**	15	52/		5	5	5
FB	E1ADDN–6466	**Spring (valve rocker locating)**		52/	**With decompressor**	–	4	–
FB	E1ADKN–6466	**Spring (valve rocker locating)**		52/		4	–	4
FB	E1ADKN–6466	**Spring (valve rocker locating)**		53/	**Less decompressor**	–	4	–
	E1ADN –6468	**Rocker (valve) – R.H.**		52/		4	–	4
	E1ADDN–6468-E	Rocker (valve) – R.H.		8/58/62/3	1,600 r.p.m. with decompressor	–	4	–
	E1ADDN–6564-B	Rocker (valve) - RI H.		8-58/64/8	1,600 r.p.m. less decompressor			
FB	E1ADDN-6468-L	Rocker (valve) - R.H.		8/58	1,800 r.p.m. with **decompressor**	–	4	–
	E1ADDN-6468-L	Rocker (valve) - R.H.		52/58/8	1,600 r.p.m. with decompressor	–	4	–
	590E–6468	Rocker (valve) - R.H.		8/58/	1,800 r.p.m. less **decompressor**	–	4	–
	590E–6468	Rocker (valve) - R.H.		53/58/8	1,600 r.p.m. less decompressor	–	4	–
	E1ADN –6469	**Rocker (valve) – L.H.**		52/		4	–	4
FB	E1ADDN–6529-B	Rocker (valve) – L.H.		8/58/64/8	1,600 r.p.m. less decompressor			
	590E–6469	Rocker (valve) - L.H.		8/58/	1,800 r.p.m. less **decompressor**	–	4	–
	590E–6469	Rocker (valve) - L.H.		53/58/8	1,600 r.p.m. less decompressor	–	4	–
	E1ADDN–6470-A	**Control (decompressor hand) assy.**		52/53	**With decompressor**	–	1	–
	119767-ES	**Plug (decompressor aperture sealing)**		53/	**Less decompressor**	–	1	–
	72003-S	Split pin		52/53	With decompressor	–	1	–
FA	E7-CP-9	**Lever (decompressor control) assy.**		54/	**With decompressor**	–	1	–
FA	20147-S	**Screw (control lever to locating lever)**		54/	**With decompressor**	–	1	–
FA	E3-CH-9	**Washer (control lever to locating lever screw)**		54/	**With decompressor**	–	1	–
FB	E1ADDN–6474	Pin (rocker shaft end plug securing)		3/61/64/8	Less decompressor	2	2	–
FB	E1ADDN–6474	**Pin (rocker shaft end plug securing)**		3/61/	**With decompressor**	–	1	–
	E1ADKN–6474	**Pin (rocker shaft end plug securing)**		52/61/3		2	2	2
	E1ADKN–6474	Pin (rocker shaft end plug securing)		3/61/	With decompressor	1	1	1
	E1ADDN–6477-B	**Lever (decompressor) assy.**		52/53	**With decompressor**	–	1	–
FB	E22-CP-9	Lever (decompressor locating) assy.		54/	Use with E1ADDN-6459-B	–	1	–
	E4-CP-9	**Spring (locating lever locating)**		54/	**With decompressor**	–	1	–
	353081-S	**Ball (locating lever locating)**		54/	**With decompressor**	–	1	–
FB	E10-CP-9	**Seal (decompressor shaft oil)**		54/	**With decompressor**	–	1	–
FB	EOTA–6486	Screw (valve rocker push rod adjusting)	2	52/64/8		8	8	8
FB	33925-S8	Lock nut		52/64/8		8	8	8
FB	E1ADN –6488-A	**Rod (valve rocker push)**	10	52/		8	8	–
	E1ADKN–6488-B	**Rod (valve rocker push)**	5	52/57/4		–	–	8
	953E –6488	**Rod (valve rocker push)**		53/57/4	**Zero Octane only**	–	–	8
FB	E1ADKN–6489-B	**Tappet (valve rocker push rod)**	5	52/		8	8	8

ENGINE — *continued*

VALVES AND ROCKER MECHANISM — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADDN–6498	Plug (rocker shaft end)		52/		2	–	–
FB	E1ADDN–6498	Plug (rocker shaft end)		52/	With decompressor	–	1	–
FB	E1ADDN–6498	Plug (rocker shaft end)		52/64/8	Less decompressor	–	2	–
	357966-S	Plug - 29/64 (Rocker Shaft End) expansion		8/64/		2	2	–
	E1ADN–6505-C	Valve (exhaust)	5	8/62/	With valve rotators	4	–	–
	E1ADDN–6505-A	Valve (exhaust)	10	52/53		–	4	–
FB	§E1ADDN–6505-C	Valve (exhaust)	15	53/	With valve rotators	–	4	–
	E1ADKN–6505	Valve (exhaust)	5	52/56/2		4	–	–
	E1ADKN–6505	Valve (exhaust)	5	52/57/4		–	–	4
FB	E1ADDN–6507	Valve (inlet)	15	52/		–	4	–
	E1ADKN–6507	Valve (inlet)	10	52/		4	–	4
FB	E1ADDN–6510-A	Bush (inlet valve guide)	15	52/		–	4	–
FB	E1ADDN–6510-A	Bush (exhaust valve guide)	15	52/		–	4	–
	E1ADKN–6510-A	Bush (valve guide)		52/		8	–	8
FB	E1ADDN–6513	Spring (valve)–7 coils		4/61/	Use with E1ADDN-6052-H	–	8	–
	E1ADKN–6513-B	Spring (valve)–8½ coils	10	52/		8	–	8
	E1ADKN–6513-B	Spring (valve)–8½ coils	10	52/61/3		–	8	–
	E1ADDN–6514-A	Retainer (exhaust valve spring)	2	2/56/57/4	With valve rotators	4	–	–
	E1ADDN–6514-A	Retainer (exhaust valve spring)	2	53/57/4	With valve rotators	–	4	–
	E1ADDN–6514-B	Retainer (exhaust valve spring)		4/57/61/3		4	4	–
	E1ADDN–6514-B	Retainer (exhaust valve spring)		3/61/		4	–	–
FB	E1ADDN–6514-E	Retainer (exhaust valve spring)		3/61/	Use only when E1ADDN-6505-C and E1ADDN-6513 are fitted	–	4	–
	510E –6514	Spacer (exhaust valve spring)		52/	Replaces E1ADKN-6514-B	4	4	4
	510E –6515	Spacer (exhaust valve opening)		53/		–	4	–
	E1ADDN–6518-A	Collet (exhaust valve spring retainer)	5	2/56/57/4	With valve rotators	8	–	–
	E1ADDN–6518-A	Collet (exhaust valve spring retainer	5	53/57/4	With valve rotators	–	8	–
	E1ADDN–6518-B	Collet (exhaust valve spring retainer)		4/57/63/2		8	–	–
	**E1ADDN–6518-B	Collet (exhaust valve spring retainer)		4/57/61/3		–	8	–
FB	E1ADDN–6518-C	Collet (exhaust valve spring retainer)		3/61/		–	8	–
	E1ADDN–6518-C	Collet (exhaust valve spring retainer)		2/63/		8	–	–
	510E–6518	Collet (valve spring retainer)	3	2/56/61/3	With valve rotators	8	–	–
	510E–6518	Collet (valve spring retainer)	3	52/57/4		–	–	16
	510E–6518	Collet (valve spring retainer)	3	52/56/2		16	–	–
	510E–6518	Collet (valve spring retainer)	3	52/53		–	16	–
	510E–6518	Collet (valve spring retainer)	3	53/61/3	On inlet valves	–	8	–
	510E –6518	Collet (inlet valve spring retainer)		2/63/		8	8	–
	⊕E2-CP-9	Spacer (exhaust valve spring recess)		52/53		–	4	–
FA	E1ADKN–6520-B	Cover (valve push rod)		52/		1	1	1
FA	E1ADKN-66513	Bolt (cover and pipe clip to cylinder block)		52/58/8	(1) use less Exhauster	2	2	2
	E1ADKN-66513	Bolt (cover and pipe clip to cylinder block)		54/58/8	Use with Exhauster	–	1	–
	E1-CH-5	Bolt (cover to cylinder block)		54/63/7	Use with Exhauster	–	1	–
	33797-S2	Nut		52/58/8		2	2	2
	34826-S7	Lockwasher		52/58/8		2	2	2

§ When replacing previous type valve which incorporated a chamfered groove supply also (1) E1ADDN-6514-E (1) E1ADDN-6518-C and (1) E1ADDN-6550-C

** Use with previous type valve incorporating a chamfered groove.

ENGINE—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		VALVES AND ROCKER MECHANISM — *continued*						
FA	20448-S7/8	Screw (cover to cylinder block)		52/63/7		3	3	3
FA	°°E2-CH-9	**Washer (cover screw)**		**52/**	**Folded copper**	**4**	**4**	**4**
FA	E1ADKN–6521	**Gasket (valve push rod cover)**	15	**52/**		1	1	1
	E1ADDN–6529-A	Rocker Assy (valve) - L. H. (1,600 r.p.m.)		8-58/	With decompressor Replaces E1ADDN-6469-F	–	4	–
	E1ADDN–6529-B	Rocker Assy (valve) - L. H. (1,600 r.p.m.)		8/64/	Less decompressor	–	4	–
	E1ADDN–6529-C	Rocker Assy (valve) - L. H. (1,800 r.p.m.)		8-58/	With decompressor Replaces E1ADDN-6469-L	–	4	–
	E1ADDN–6529-C	Rocker Assy (valve) - L. H. (1,600 r.p.m.)		52/58-8	With decompressor	–	4	–
	2701E–6529	Rocker Assy (valve) - L. H. (1,600 r.p.m.)		53/58-8	Less decompressor (Replaces 2700E-6529)	–	4	–
	2701E–6529	Rocker Assy (valve) - L. H. (1,800 r.p.m.)		8-58/	Less decompressor (Replaces 2700E-6529)	–	4	–
FA	E1ADKN–6531	**Bracket (valve rocker shaft)—end**	2	**52/**	**Diesel—Less decompressor**	**2**	**2**	**2**
FA	E1ADKN–6531	**Bracket (valve rocker shaft)—end**	2	**54/**	**With decompressor**	**–**	**1**	**–**
FA	E1ADDN–6531	**Bracket (valve rocker shaft)—end**		**54/**	**With decompressor**	**–**	**1**	**–**
	B6A–6549-C	Screw - (valve rocker arm adjusting) 7/16 - 20		8/64/		8	8	8
FB	E1ADDN–6550-B	Cap (exhaust valve stem)		53/		4	–	–
	**E1ADDN–6550-B	**Cap (exhaust valve stem)**		**4/57/61/3**		**–**	**4**	**–**
	§§510E –6550	**Cap (exhaust valve stem)**		**3/61/**		**4**	**–**	**–**
	E1ADDN–6564-A	Rocker Assy (valve) - R. H. (1,600 r.p.m.)		8-58/	With decompressor	–	4	–
	E1ADDN–6564-C	Rocker Assy (valve) - R. H. (1,600 r.p.m.)		52/8-58	With compressor	–	4	–
	E1ADDN–6564-C	Rocker Assy (valve) - R. H. (1,800 r.p.m.)		8-58/	With decompressor	–	4	–
	2701E–6564	Rocker Assy (valve) - R. H. (1,600 r.p.m.)		53/58-8	Less decompressor (Replaces 2700E-6564)	–	1	–
	2701E–6564	Rocker Assy (valve) - R. H. (1,800 r.p.m.)		8-58/	Less decompressor (Replaces 2700E-6564)	–	1	–
FB	⊖EOTA –6571-C	**Seal (valve stem)**	20	**52/56/2**		8	–	–
FB	⊖EOTA –6571-C	**Seal (valve stem)**	20	**2/56/**	**With valve rotators**	**4**	**–**	**–**
FB	⊖EOTA –6571-C	**Seal (valve stem)**	20	**53/57/12**	**With valve rotators**	**–**	**4**	**–**
FB	⊖EOTA –6571-C	**Seal (valve stem)**	20	**52/53/**		**–**	**8**	**–**
FB	⊖EOTA –6571-C	**Seal (valve stem)**	20	**53/**		**–**	**8**	**–**
	E1ADKN–6584-A	**Gasket (valve rocker arm cover)**	80	**52/57/4**		**1**	**1**	**1**
FA	528E–6584-B	Gasket (Valve Rocker Arm Cover)		4/57/	Replaces 528E-6584-A	1	1	–
	OIL PUMP AND SUMP							
	▲E1ADN –6600-A	**Pump (oil) assy.**		**4/57/**		**1**	**1**	**–**
	E1ADN –6600-B	**Pump (oil) assy.**	3	**52/57/4**		**1**	**1**	**1**
	•528E –6600	**Pump (oil) assy.**		**4/57/**		**1**	**1**	**–**
	20366-S8	Screw (oil pump to cylinder block)		52/		2	2	2
	34806-S36	Lockwasher		52/		2	2	2
FB	E1ADKN–6602	**Body (oil pump) and stud assy.**		**52/**		**1**	**1**	**1**
	EOTA –6609-B	**Shaft (oil pump)**		**52/**	**Except 528E-6600**	**1**	**1**	**1**
FB	528E –6609	**Shaft (oil pump)**		**4/57/**	**Part of 528E-6600**	**1**	**1**	**–**
FB	E1ADKN–6610	**Gear (oil pump)—lower**	3	**52/**		**2**	**2**	**2**
	E1ADKN–6611	**Cover (oil pump screen)**		**52/57/4**		**1**	**1**	**1**
	E1ADKN–6613-B	**Pipe (oil pump to sump) assy.**		**52/57/4**		**1**	**1**	**1**
FB	E1ADKN–6613-C	**Pipe (oil pump to sump) assy.**		**4/57/**		**1**	**1**	**–**
FB	20310-S7/8	**Screw (pipe bracket to No. 2 main bearing cap)**		**52/**		**1**	**1**	**1**
FB	34826-S7	**Lockwasher**		**52/**		**1**	**1**	**1**
FB	E1ADDN–6616	**Cover (oil pump)**		**4/57/**		**1**	**1**	**–**
	E1ADKN–6616-A	**Cover (oil pump)**		**52/57/4**		**1**	**1**	**1**

•With E96-CP-9 (1) replaces E1ADN-6600-A from 4/57/ to engine number 1595058 and with (1) E94-CP-9 replaces E1ADN-6600-A after engine number 1595058.

▲With E69-CP-9 replaces previous type pump used 4/57/61/3. Replaced by 528E-6600 and E96-CP-9 on Engines 4/57 to 1595058. Replaced by 528E-6600 and E94-CP-5 after engine number 1595058.

§§ Together with E1ADDN-6505-C replaces the previous type valve which incorporated a chamfered groove.

**Use with previous type valve incorporating a chamfered groove.

°° Also part of E60-Z-9

⊖Use when fitting valve rotators in conjunction with cylinder heads with exhaust valve spring recess prior to E1ADDN-6052-D.

ENGINE — *continued.*

OIL PUMP AND SUMP—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
FB	20346-S7/8	Screw (cover to pump body)		52/		4	4	4
FB	34806-S36	Lockwasher		52/		4	4	4
	E41A —6623-A	Screen (oil pump) assy.		52/57/4		1	1	1
FB	EIADKN—6623	Screen (oil pump) assy.	2	4/57/		1	1	1
	EIADKN—6642-C	Plate (oil pump inlet connection lock)	2	52/57/4		1	1	1
FB	EIADKN—6642-E	Plate (oil pump inlet connection lock)	3	4/57/		1	1	—
FB	†#528E —6652	Gear (oil pump)—upper	2	52/		—	1	—
FB	EIADDN—6653-B	Seat (oil pressure relief valve spring)		3/61/		1	1	—
	EIADKN—6653-C	Seat (oil pressure relief valve spring)	3	4/57/61/3		1	1	—
	528E—6654	Spring (Oil Pressure Relief Valve)		4/57/	Part of 528E-6600 Replaces E1ADKN-6654-C	1	1	—
FB	72052-S	Pin (oil relief valve spring retainer)	15	4/57/		1	1	—
	EIADKN—6660-C	Valve (oil relief) assy.		52/57/4		1	1	1
FB	EIADDN—6663-B	Plunger (oil pressure relief valve)		4/57/		1	1	—
	EIADKN—6671-B	Plate (oil relief valve locking)	10	52/		1	1	—
R @⊕	EIADKN—6675-G	Sump (oil) assy.		52/60/11		1	1	1
FA	E1ADDN—6676-B	Sump (oil) assy (use W/3/8" bolts)		11/60/	Replaces E1ADDN-6675-B	1	1	—
	@E1ADKN—6676-E	Sump (oil) assy		52/60/11		1	1	1
FA	20388-S2	Bolt (sump to cylinder block)		8/64/		20	20	20
FA	34847-S2	Lockwasher		8/64/		20	20	20
	E120-Z-9	Clip (oil pump screen cover retaining)		4/57/		1	1	—
FA	20386-S7	Screw (sump to cylinder block)		52/64/8		22	22	22
	20386-S7	Screw (sump to cylinder block)		8/64/		2	2	2
FA	34846-S7	Lockwasher		52/64/8		22	22	22
FA	34846-S7	Lockwasher		8/64/		2	2	2
FA	E3-GC-9	Cover (flywheel housing timing aperture)		9/54/	Flywheel timing	1	1	1
FA	20310-S7/8	Screw (cover to sump)		9/54/	Flywheel timing	1	1	1
FA	34806-S36	Lockwasher		9/54/	Flywheel timing	1	1	1
FB	EIADKN—6700	Packing (sump)—front	80	52/		1	1	1
FB	683F—6701-AA	Seal (crankshaft oil)	80	52/	Repl. 2700E-6701-C	2	2	2
	E1ADDN—6707	Packing (sump) – front		1/63/	Repl. 508E-6700	1	1	1
	EIADDN-6781-B	Set (sump gasket)		52/		1	1	1
	EIADDN—6714-A	Filter (engine oil) assy.	2	52/		1	1	1
	EIADKN—6722	Nut (injection pump governor suction pipes)	10	52/54	See "Injection Pump Governor"	—	4	—
	E62A-17441	Ferrule (crankcase ventilation tube)	2	4/57/		1	—	—
	EIADKN—6723-B	Tube (crankcase ventilation) assy.		52/	Except V.O. 1953/—	—	1	1
	EIADKN—6723-C	Tube (crankcase ventilation) assy.		53/57/4	Use with EIADKN-9425-C/D	—	—	1
	EIADKN-17563	Adaptor (ventilation tube to inlet manifold)		52/		—	1	—
	EIADKN—6728	Gasket (sump cover)	25	52/57/4		1	1	1
	EIADKN—6730	Plug (sump cover drain)	5	52/57/4		1	1	1
FA	EB —6730	Plug (sump cover drain)	5	4/57/		1	1	—
	112145-ES °	Bolt 3/8 to 5/16 - 18 x 1 Spec. Shank		11-60/64-8		20	20	20

This part must be serviced with E92-CP-5 to make a pair.

† This part must be serviced with E94-CP-5 and/or E78-CP-9 as a Pair. With (1) E96-CP-9 replaces previous type gears.

⊕ When replacing sump used prior to April 1957 by EIADKN-6675-G, supply also (1) E120-Z-9 clip.

@E1ADKN—6676-E together with E1ADKN—6754-B replaces E1ADKN—6675-G

° 112145-ES required when DDN-6675-B is used on Cylinder Blocks with 5/16 - 18 Sump Attaching Holes.

ENGINE—*continued*

OIL PUMP AND SUMP—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
NA	§E1ADKN–6731	Kit (engine oil filter) assy.	100	52/56/1		1	1	1
NA	957E –6731	Kit (engine oil filter) assy.	100	12/58/		1	1	–
	E86H –6734	Gasket (sump cover drain plug)	10	53/57/4		1	1	1
FA	105E –6734	Gasket (sump cover drain plug)	10	4/57/		1	1	–
	E1ADKN–6735	Cover (sump)	2	52/57/4		1	1	1
	20346-S7/8	Screw (cover to sump)		52/57/4		6	6	6
	34826-S7	Lockwasher		52/57/4		6	6	6
	E1ADDN–6741-C	Bolt (fuel oil filter centre) assy.		1/60/	See "Fuel Oil Filter"	–	1	–
	E1ADKN–6741-A	Bolt (engine oil filter centre bolt)		54/55/6	See "Engine Oil Filter"	1	1	1
	E1ADKN–6741-B	Bolt (engine oil filter centre)		6/55/	See "Engine Oil Filter"	1	1	1
	□□E1ADDN–6741-B	Bolt (engine oil filter centre) assy.		12/58/	See "Engine Oil Filter"	1	1	1
	EOTA –6749-B	Gasket (engine oil filter centre bolt)–fibre		52/54	See "Engine Oil Filter"	1	1	1
	EOTA –6749-D	Gasket (engine oil filter centre bolt)		54/55/6	See "Engine Oil Filter"	1	1	1
JB	‡100E –6749-A	Gasket (fuel oil filter centre bolt)		54/	See "Fuel Oil Filter"	–	1	–
	100E –6749-A	Gasket (engine oil filter centre bolt)		6/55/	See "Engine Oil Filter"	1	1	1
	E1ADKN–6750-A	Indicator (engine oil level) assy.		52/53	With flat dust shield	1	1	1
FA	E1ADKN–6750-B	Indicator (engine oil level)	2	53/	With domed dust shield	1	1	–
	E1ADKN–6754-B	Tube (oil level indicator)		3/57/	Replaces E1ADKN-6754-A	1	1	1
	48 –6761	Gasket (engine oil level indicator)		52/53	In E1ADKN-6750-A	1	1	1
	E1ADKN–6761	Gasket (engine oil level indicator)	3	53/	In E1ADKN-6750-B	1	1	1
FA	E1ADKN–6766	Cap (engine oil filler)	10	52/		1	1	1
	E1ADKN–6769	Seal (crankcase ventilation tube)		52/	Rubber	1	1	1
	E1ADDN–6781-C	Gasket Set (Oil Sump)		52/	Replaces E1ADDN-6781-B	1	1	1
	**E1ADDN–6796-B	Pipe (valve rocker cover ventilation)		8/58/63/10		1	1	–
	E1ADDN–6796-C	Pipe (valve rocker cover ventilation)		10/63/		1	1	–
	♦E1ADKN–6819-B	Plate (engine front mounting plate screw lock)	20	52/61/4		4	4	–
	♦E39-CN-9	Plate (engine front mounting plate screw lock)		4/57/61/4		1	1	–
FB	▲E1ADDN–6819	Plate (engine front mounting plate screw lock)		4/61/		4	4	–
NA	2701E–6838	Gasket (engine oil filler to cylinder block)		52/		1	1	1
FB	▲E95-CN-9	Plate (engine front mounting plate screw lock)		4/61/		1	1	–
	E1ADKN–6882	Shell (engine oil filter) assy.		1/56/	See "Engine Oil Filter"	1	1	1
	‡E1ADDN–6882	Shell (engine oil filter) assy.		12/58/	See "Engine Oil Filter"	1	1	–
	E1ADKN–6883-B	Shell (engine oil filter)		6/55/	See "Engine Oil Filter"	1	1	1
	□□E1ADDN–6883	Shell (engine oil filter)		12/58/		1	1	–
	‡957E –6883	Shell (engine oil Filter)		12/58/		1	1	–
	E1ADDN–6889	Spring (fuel oil filter element retaining)		52/	E1ADDN-99169-B	–	1	–
	□□EOTA –6896-3	Circlip (fuel oil filter centre bolt)		1/60/		–	1	–

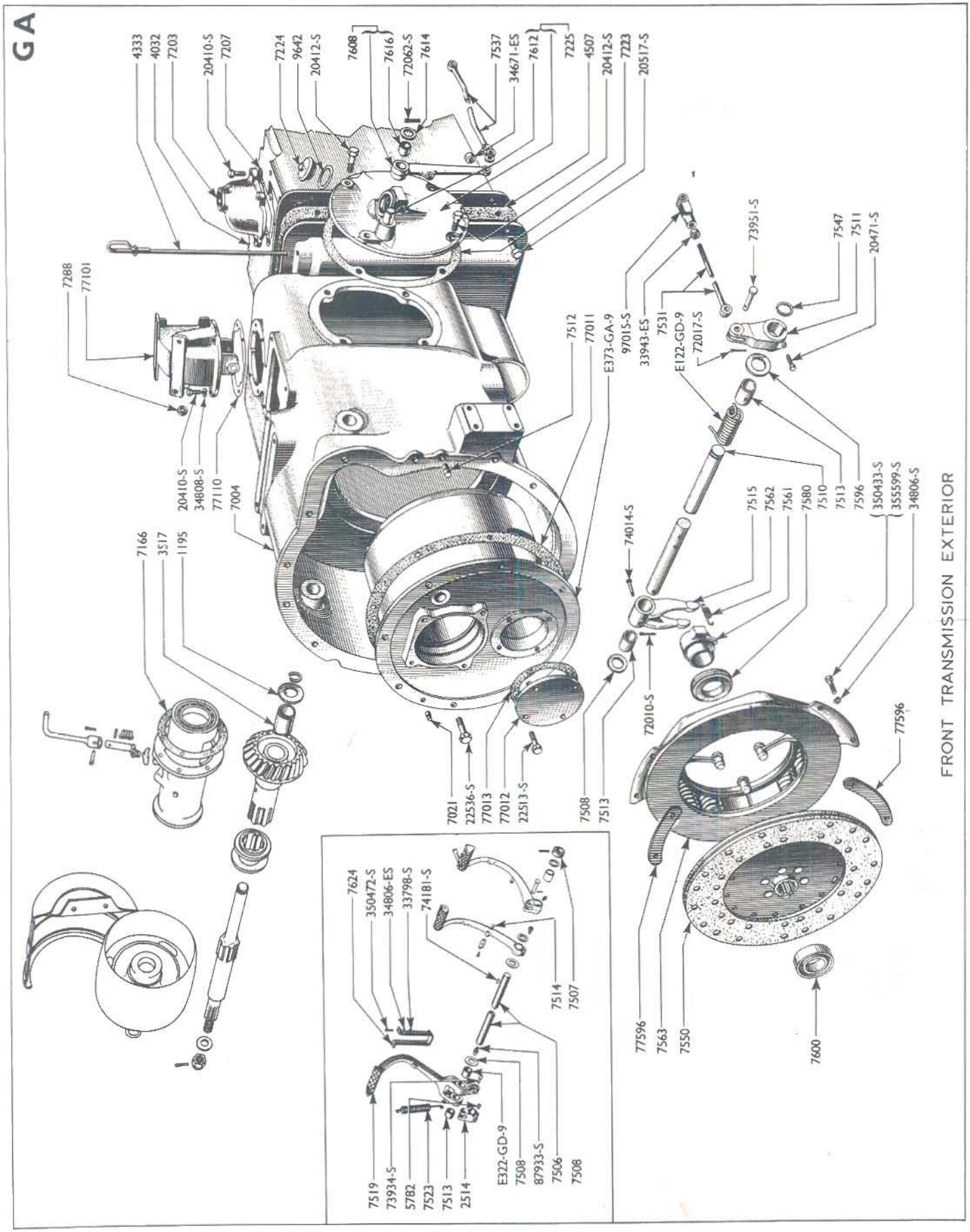
**When replacing previous pipe by E1ADDN-6796-B, supply also (2) E28-CG-9 Hose.

*Use with 13" Clutch. §Use with Fram type filter. □□Use with Tecalemit type filter. ‡Use with AC type filter.

♦Use with front mounting plate having a 2.58" camshaft locating aperture.

▲Use with front mounting plate having a 2" camshaft locating aperture.

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.


GA
4333
4032
7203
20410-S
7207
7224
9642
20412-S
7608
7616
72062-S
7614
7537
34671-ES
7612
7225
4507
20412-S
7223
20517-S
7288
77101
20410-S
34808-S
77110
7004
7512
77011
E373-GA-9
97015-S
33943-ES
7531
E122-GD-9
72017-S
73951-S
7547
7511
20471-S
7166
3517
1195
74014-S
7515
7562
7561
7580
7510
7513
7596
350433-S
355599-S
34806-S
7021
22536-S
77013
77012
22513-S
7508
7513
72010-S
77596
7563
7550
7600
7624
350472-S
34806-ES
33798-S
74181-S
7514
7507
7519
73934-S
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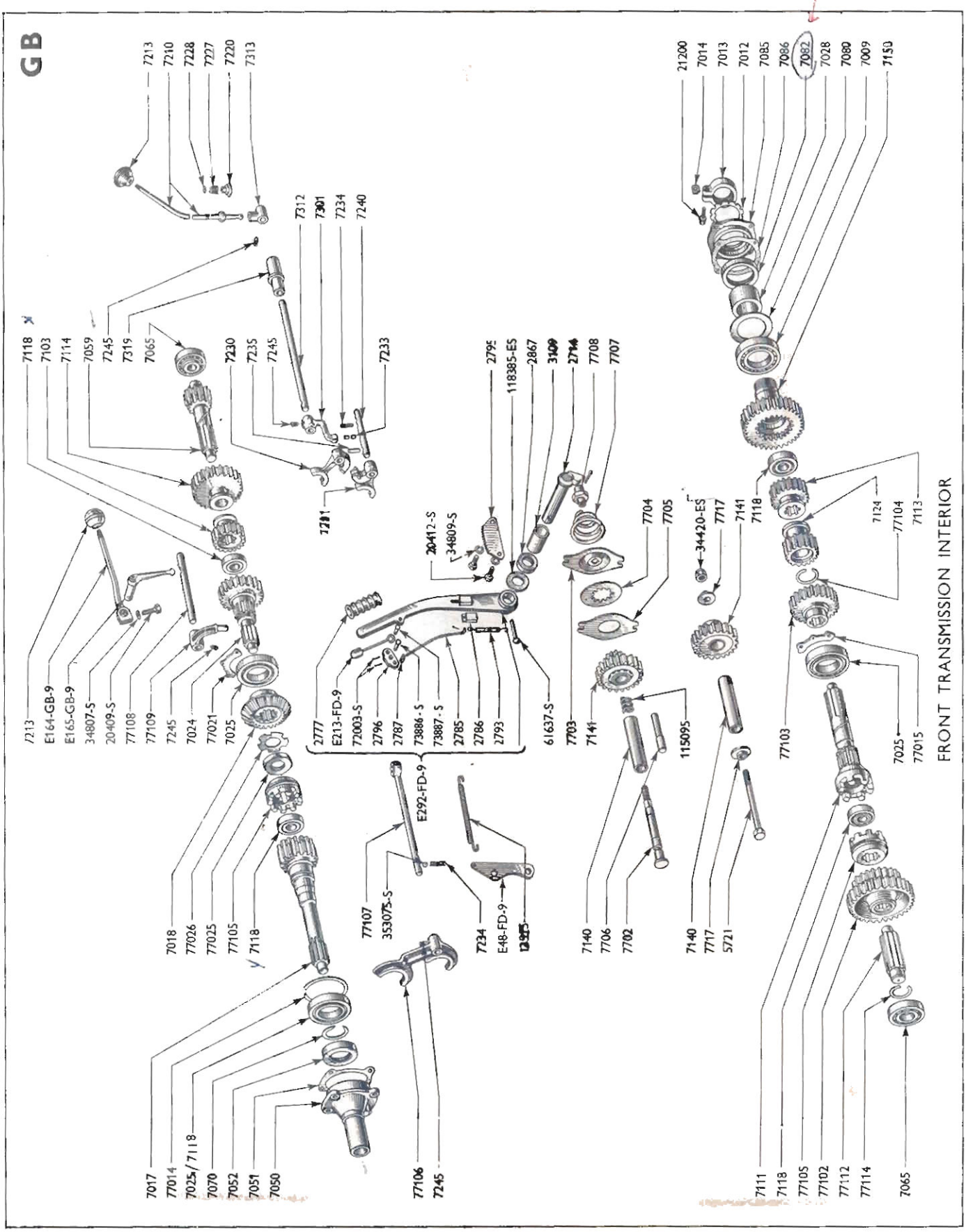
7523
7513
2514
E322-GD-9
7508
87933-S
7506
7508
FRONT TRANSMISSION EXTERIOR


GB
FRONT TRANSMISSION INTERIOR

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	P	D	V	Qty. Req.
		FRONT TRANSMISSION							
		GEARBOX							
GA	EIADDN—7004-A	Housing (front transmission) assy.		6/63/	Less handbrake and speedometer	1	1	—	
GA	EIADDN—7004-B	Housing (front transmission) assy.		6/63/	With handbrake and speedometer	1	1	—	
GA	EIADDN—7004-C	Housing (front transmission) assy.		6/63/	Less handbrake with speedometer	1	1	—	
GA	EIADDN—7004-D	Housing (front transmission) ass,		6/63/	With handbrake less speedometer	1	1	—	
GA	†#EIADKN—7004-F	Housing (front transmission) assy.		52/63/6	Less handbrake and speedometer	1	1	1	
	74211-ES	Plug (front transmission housing)		52/	Except with 13" clutch	1	1	1	
	*●EIADDN-8564	Greaser (clutch release bearing)		12/59/		—	1	—	
	*EIADDN-7557	Connection (clutch release bearing grease) assy.		12/59/		—	1	—	
	359264-S8	Bolt (housing to engine)		52/		14	14	14	
	34808-S36	Lockwasher		52/		14	14	14	
	119781-ES	Expansion plug (transmission housing)		52/57/2	3⅞" diam.	1	1	1	
	119782-ES	Expansion plug (transmission housing)		2/57/61/4		1	1	1	
	115422-ES	Expansion plug (transmission housing)		4/61/		1	1	—	
	119783-ES	Expansion Plug (hand brake aperture)		53/	Less hand brake	1	1	1	
	353130-S	Plug (hand brake sector tappings)		53/	Less hand brake	2	2	2	
	353031-ES7/8	Lubricator		52/		2	2	2	
GA	EIADKN-7512	Dowel (housing to engine flange)	15	52/		2	2	2	
GA	EIADKN-7513	Bush (clutch release shaft)	10	52/60/11		2	2	2	
GB	7V-3109	Bush (transmission brake cam)	10	52/	Ind.	2	2	—	
GD	E373-GA-9	Housing (primary gearbox)		52/		1	1	—	
	119785-ES	Plug (primary gearbox)		52/		1	1	1	
GB	22536-ES2	Screw (gearbox housing to front transmission housing)		52/		7	7	7	
	74113-S	Plug (primary gearbox housing expansion)		52/	¾" diam.	1	1	1	
GA	EIADKN-77011	Gasket (primary gearbox housing)	20	52/		1	1	1	
GA	EIADKN-77012	Cap (primary gearbox housing)		52/		1	1	1	
GA	22513-ES2	Screw (cap to gearbox housing)	5	52/		4	4	4	
GA	EIADKN-77013	Gasket (primary gearbox housing cap)	12	52/		1	1	1	
GB	E27N —7009	Bearing (main gearbox large gear) assy.	3	52/		1	1	1	
	E27N —7010-A	Plug (rear transmission drain)	3	52/		1	1	1	
	E27N —7010-C	Plug (rear transmission filler)	5	52/		1	1	1	
AK	E27N —7010-C	Plug (oil filter)	3	52/60/11		7	7	7	
AC	957E —7010	Plug (H.P.L. cover)		11/60/		1	1	—	
	E27N —7011-A	Gasket (rear transmission drain plug)	5	52/		1	1	1	
AC	E27N —7011-A	Gasket (H.P.L. filler plug)		11/60/		1	1	—	
	E27N —7011-B	Gasket (rear transmission filler plug)		52/60/11		1	1	1	
AK	E27N —7011-B	Gasket (oil filler plug)	5	52/60/11		1	1	1	
GB	N —7012	Washer (main gearbox large gear bearing)		52/	Less speedometer	1	1	1	
GB	N —7013	Locknut (main gearbox large gear bearing)		52/		1	1	1	
GB	N-21200	Screw (locknut)		52/		1	1	1	
GB	E27N —7013	Washer (main gearbox large gear bearing) assy.		52/	With speedometer	1	1	1	

*Use with 13" clutch

●This part replaces previous type cap and/or union.

†When using with 13" Clutch rework in line with Tractor Service Letter No. 13, 1959 Series.

#When replacing previous type housings by EIADKN-7004-F/G/J/ respectively the following should also be supplied (1) EIADKN-7515-C Fork (1) EIADKN-7561-C Hub (1) EIADKN-7050-C Retainer (1) EIADKN-7511-B Arm and (1) E122-GD-9 Spring.

FRONT TRANSMISSION — *continued*

GEARBOX — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GB	N –7014	Washer (main gearbox large gear bearing lock nut)		52/		1	1	1
GD	**E1ADKN–7015-B	Shaft (transmission main drive) and bearing assy.		3/57/		1	1	–
GB	E1ADKN–7017-A	Shaft (transmission drive)	5	52/		1	1	1
GB	E1ADKN–7018-A	Gear (primary gearbox upper shaft bevel)		52/		1	1	1
GD	**E1ADKN–7018-B	Gear (primary gearbox upper shaft bevel)		3/57/		1	1	1
GB	E1ADKN-77025	Locknut (primary gearbox bevel gear)	2	52/		1	1	1
GB	E1ADKN-77026	Washer (primary gearbox bevel gear lock nut)	3	52/		1	1	1
	‡N –7021	Dowel (primary gearbox housing)		52		1	1	1
GA	E1ADKN–7021	Dowel (primary gearbox housing)	2	52/		1	1	1
	E1ADKN–7021	Dowel (H.P.L. pump pedestal)	2	52/	With H.P.L.	4	4	4
GD	**E1ADKN-772	Shaft (transmission drive) assy.		3/57/		1	1	1
GD	**E1ADDN-7052-A	Seal (transmission drive shaft oil) assy.	10	11/58/		1	1	–
GD	**E86-GE-9	Sleeve (P.T.O. shaft)		3/57/		1	1	1
	* E1ADDN–7024	Shaft (primary gearbox)–upper		6/63/	Except with L.P.T.O.	1	1	–
GD	**E1ADKN–7024-B	Shaft (primary gearbox)–upper		3/57/		1	1	1
GB	E1ADKN-77105	Dog (primary gearbox upper shaft)		52/		1	1	1
	204E-1225-B	Bearing (P.T.O. shaft) assy.–large	3	52/60/11	With P.T.O.	1	1	1
	204E-1225-B	Bearing (bull pinion shaft) assy.–outer	3	52/60/11	See "Rear Axle"	2	2	2
GB	N –7025-E	Bearing (primary gearbox upper shaft) assy.–large	3	52/		1	1	1
GB	N –7025-E	Bearing (main gearbox lower shaft) assy.–large	3	52/		1	1	1
GB	E1ADKN-77015	Plate (lower shaft large bearing retaining)		52/		1	1	1
GB/GD	E1ADKN-77021	Plate (upper shaft large bearing retaining)		52/		1	1	1
	22513-ES2	Screw (plate to primary gearbox housing)		52/		4	4	4
	E1ADKN–7025-A	Bearing (transmission drive shaft) assy.	3	52/58/10		1	1	1
GB/GD	C7NN–7118-B	Bearing (transmission drive shaft assy)		10/58/	Repl. DDN-7025-A	1	1	–
GB	E27N –7028-A	Sleeve (main gearbox large gear bearing)		52/		1	1	1
	ET6 –7030	Ring (bull pinion outer bearing snap)		52/60/11	See "Rear Axle"	2	2	2
	E1ADKN–7034	Bolt (front transmission housing breather) assy.		52/		1	1	1
GC	BB –7045	Ring (P.T.O. shaft large bearing lock)	2	52/	With P.T.O.	1	1	1
	E1ADKN–7050-B	Retainer (transmission drive shaft bearing)		52/57/4	Less P.T.O.	1	1	–
GB	E1ADKN–7050-C	Retainer (transmission drive shaft bearing)	2	4/57/	With P.T.O.	1	1	–
GD	**E119-GD-9	Retainer (transmission drive shaft bearing)		3/57/		1	1	1
	22513-ES2	Screw (retainer to primary gearbox housing)		52/		4	4	4
GB/GD	E1ADKN–7051	Gasket (transmission drive shaft bearing retainer)	15	52/		1	1	1
GB	E1ADKN–7052-A	Seal (transmission drive shaft oil) assy.	25	52/	Except with L.P.T.O.	1	1	1
GD	**E1ADDN–7052-A	Seal (transmission drive shaft oil) assy.	10	11/58/		1	1	–
GD	**E88-GE-9	Seal (transmission drive shaft oil) assy.		3/57/		1	1	1
	E1ADKN–7055	Dowel (rear transmission housing to H.P.L. ram cylinder)		52/	With H.P.L.	2	2	2
	E1ADKN–7055	Dowel (H.P.L. housing to rear transmission housing)		11/60/		2	2	–
	E1ADDN–7059	Shaft (main gear box) – upper		6/63/		1	1	1
GB	E1ADKN–7059-A	Shaft (main gearbox)–upper	2	52/63/6		1	1	1
GC	BB–7065	Bearing (primary gearbox lower shaft) assy - large	2	52/63/6		1	1	1
	E1ADDN–7A452	Bearing (trans. lower shaft) – front		6/63/		1	1	–
GC	BB –7065	Bearing (P.T.O. shaft) assy.–small	2	52/	With P.T.O.	1	1	1
GB/GD	N –7065-B	Bearing (main gearbox lower shaft) assy.–large	3	52/		1	1	1
	N –7065-B	Bearing (pulley drive gear) assy.–outer	3	52/	With pulley	1	1	1
GB	N –7065-E	Bearing (main gearbox upper shaft) assy.–large		52/		1	1	1
GB/GD	E1ADKN–7070	Ring (transmission drive shaft bearing lock)–small	3	52/		1	1	1
GB/GD	E1ADKN-77014	Ring (transmission drive shaft bearing lock)–large		52/		1	1	1
GB	E27N –7080	Baffle (main geargox large gear bearing oil)		52/		1	1	1

† When replacing early type Pinion by E120-GA-9 Pinion, supply also (1) E89-GA-9 Shaft, in line with Service Letter No.5 1957 Series.
** Use with Live Power Take-off ‡ Fitted in production up to 23rd December, 1952
* When using E1ADDN-7024 to replace E1ADKN-7024-A also use (1) E1ADKN-77103-B

FRONT TRANSMISSION — *continued*

GEARBOX — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GB	E27N –7082-A	Seal (main gearbox large gear bearing oil)	20	52/		1	1	1
GB	E27N –7085-A	Retainer (main gearbox large gear bearing oil seal)		52/	Less speedometer	1	1	1
GB	E27N –7085-B	Retainer (main gearbox large gear bearing oil seal)		52/	With speedometer	1	1	1
	20348-S2	Screw (retainer to housing)		52/	2 required with speedometer	4	4	4
	304830-S36	Screw (retainer to speedometer adaptor bracket)		52/	With speedometer	2	2	2
	34807-S36	Lockwasher		52/		4	4	4
GB	E27N –7086	Gasket (main gearbox large gear bearing oil seal retainer)	10	52/		1	1	1
	*E1ADDN–7102-B	Gear (primary gear box upper shaft)		52/	With L. P. T. O.	1	1	–
GB	E1ADKN–7103	Pinion (main gearbox upper shaft)–splined		52/		1	1	1
GD	† **E333-GA-9	Pinion (primary gearbox upper shaft) assy.		3/57/		1	1	–
GB	E1ADKN–7111-A	Shaft (main gearbox)–lower		52/		1	1	1
GD	** E1ADKN–7111-B	Shaft (main gearbox)–lower		3/57/		1	1	1
GD	@**E81-GA-9	Shaft (primary gearbox) – lower		3/57/63/6		1	1	1
GB	E1ADKN-77112-A	Shaft (primary gearbox) – lower		52/63/6		1	1	1
	E1ADKN-77112-B	Shaft (primary gearbox) – lower		6/63/	Except with L.P.T.O.	1	1	–
	#E1ADKN-77112-C	Shaft (primary gearbox)–lower		6/63/	With L. P. T. O.	1	1	–
GB	## E1ADKN-77103-A	Gear (main gearbox lower shaft)		52/63/6		1	1	1
	##E1ADKN–77103-B	Gear (Main gearbox lower shaft)		52/		1	1	–
	# 113435-ES	Washer (trans. shaft lower front gear)		6/63/		1	1	–
GB/GD	E1ADKN–77102-B	Gear (primary gearbox lower shaft)		6/63/	Replaces E1ADKN-77102-A	1	1	–
GD	** E87-GA-9	Gear (primary gearbox lower shaft)–sliding		3/57/		1	1	1
GD	** E85-GA-9	Locknut (primary gearbox upper shaft gear)		3/57/		1	1	1
GD	** E95-GA-9	Retainer (primary gearbox upper shaft gear)		3/57/		1	1	1
GB	E1ADKN-77104	Ring (main gearbox lower shaft gear lock)		52/		1	1	1
GB/GD	E1ADKN-77114	Ring (primary gearbox lower shaft gear lock)		52/		1	1	1
GB	E1ADKN-77105	Dog (primary gearbox lower shaft)		52/		1	1	1
GB	E1ADKN–7113	Pinion (main gearbox)–low–splined		52/		1	1	1
	E1ADDN–7114	Gear (main gearbox) and bush asssy. – low		6/63/		1	1	–
GB	E1ADKN–7114	Gear (main gearbox) and bush assy. – low		52/63/6		1	1	1
GB	N –7118-D	Bearing (primary gearbox upper shaft) assy. –small	10	52/		1	1	1
GB	N –7118-D	Bearing (main gearbox upper shaft) assy. –small	10	52/		1	1	1
GB	N –7118-D	Bearing (primary gearbox lower shaft) assy. –small	10	52/		1	1	1
GB	E1ADKN–7118-A	Bearing (main gearbox lower shaft) assy. –small	3	52/		1	1	1
GD	** E1ADKN–7118-B	Bearing (main gearbox drive shaft) assy. –small		3/57/		1	1	1
GB	E1ADKN–7124	Pinion (main gearbox) and bush assy. –reverse	2	52/		1	1	1
GB/GD	E1ADKN–7140	Shaft (main gearbox reverse idler)	2	52/		1	1	1
GB/GD	E1ADDN–7141	Gear (main gearbox reverse idler) and bush assy		52/		1	1	–
GB	E1ADKN–7141-B	Gear (transmission reverse idler) assy.		54/	Less transmission hand brake	1	1	1
	BB-5721-B	Bolt (idler gear tie)		54/	Less trans hand brake	1	1	1
GB	34420-S2	Nut		54/	Less trans hand brake	1	1	1
GB	E1ADKN-7717	Retainer (reverse idler gear)		54/	Less Trans hand brake	2	2	2
	N –7143-C	Bush (main gearbox reverse idler gear)		52/		1	1	1
	E1ADKN–7143-B	Bush (transmission reverse idler gear)		54/	Less trans hand brake	1	1	1
	E1ADDN–7150	Gear (main gearbox large)		6/63/		1	1	–
GB	E1ADKN–7150	Gear (main gearbox large) assy.		52/63/6		1	1	1
	119779-ES	Plug (expansion)		52/		1	1	1
	E1ADKN–7165	Cover (P. T. O. extension shaft opening)		52/	Less P. T. O.	1	1	1
GA	N –7166-A	Gasket (pulley opening cover)	80	52/	See "Pulley" Section	1	1	1

*With E1ADDN-77103-B Replaces E84-GA-9

** Use with Live Power Take-off

† When replacing early type pinion by E120–GA-9 pinion, supply also (1) E89–GA-9 shaft, in line with service letter No.5 1957 Series.

@When replaced in service E1ADKN-77112-C, E1ADDN-7A452 & 113435-ES must also be supplied.

#These parts together with E1ADDN-7A452 replace E81-GA-9

E1ADKN-77103-A is replaced by E1ADKN-77103-B & E1ADDN-7024 or E1ADDN-7102-B with P. T. O.

FRONT TRANSMISSION — *continued*

GEAR CHANGE

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GA	†E1ADDN-7203	Housing (main gear change lever)		52/		1	1	1
GA	20410-S2	Screw (housing to rear transmission housing)		52/		4	–	4
	20410-S2	Screw (housing to rear transmission housing)		52/53		–	2	–
	20470-S	Screw (housing to rear transmission housing)		53/		–	4	–
	359264-S8	Screw (housing and starter control lever bracket)		52/		–	2	–
	34808-S36	Lockwasher		52/		4	4	4
	E1ADKN-77101	Housing (primary gear change lever)		52/58/8		1	1	1
GA	E1ADDN-77101	Housing (primary gear change lever)		8/58/		1	1	–
GA	20410-S2	Screw (housing to front transmission housing)		52/		4	4	4
GA	34808-S36	Lockwasher		52/		4	4	4
GA	E0A-7288-A	Seal (primary gear change lever housing)	5	52/		1	1	1
GA	E1ADKN–7207	Gasket (main gear change lever housing)	10	52/		1	1	1
GA	E1ADKN-77110	Gasket (primary gear change lever housing)	15	52/		1	1	1
GB	†E1ADDN-7210	Lever (main gear change)	2	52/		1	1	–
	60564-S	Rivet (lever to relay lever)		52/54/11		1	1	1
	E18-GB-9	Lever (primary gear change)		11/54/58/8		1	1	1
GB	♦E164-GB-9	Lever (primary gear change)		5/60/		1	1	–
GB	E164-GB-9	Lever (primary gear change)		52/54/11		1	1	1
GB	E164-GB-9	Lever (primary gear change)		8/58/60/5		1	1	–
	Y-3122	Pin (lever to relay lever)	10	11/54/60/5		1	1	1
	33800-S7/8	Nut		11/54/60/5		1	1	1
GB	♦20409-S2	Bolt (lever to relay lever)		5/60/		1	1	–
GB	20409-S2	Bolt (lever to relay lever)		52/54/11		1	1	1
GB	20409-S2	Bolt (lever to relay lever)		8/58/60/5		1	1	–
GB	34807-S36	Lockwasher		11/54/		1	1	–
GC	EBB –7213	Ball (raised P.T.O. idler gear change lever)	3	53/	See "Power Take-off"	1	1	1
	EBB –7213	Ball (main gear change lever)	3	52/58/8	See "Power Take-off"	1	1	1
	EBB –7213	Ball primary gear change lever	3	52/54/11		1	1	1
GB	7W –7213-B	Ball (main gear change lever)	5	8/58/		1	1	–
GB	7W –7213-B	Ball (primary gear change lever)		8/58/		1	1	–
	33800-S7/8	Lock nut		52/		1	1	1
GB	N –7220-B	Retainer (main gear change lever)	2	52/		1	1	1
GC	N –7220-B	Retainer (raised P.T.O. idler gear change lever)	2	53/	See "Power Take-off"	1	1	1
	N –7221	Pin (main gear change lever locating)	2	52/		1	1	1
GA	N –7223	Gasket (main gear change plate)	20	52/		1	1	1
GA	E1ADKN–7224	Plug (main gear change plate)	2	52/		1	1	1
GA	N-9642-A	Gasket (main gear change plate plug)		52/		1	1	1
GA	E1ADKN–7225-A	Plate (main gear change) and pin assy.		52/		1	1	1
GA	E1ADKN-7612-A	Pin (clutch balance lever fulcrum)		52/		1	1	1
GA	20412-S7	Screw (plate to front transmission housing)		52/	3 required with P.T.O.	4	4	4
	45521-S2	Screw (plate and P.T.O. lever to transmission housing)		52/	With P.T.O.	1	1	1
	34809-S36	Lockwasher		52/		4	4	4
GB	N –7227	Spring (main gear change lever)	2	52/		1	1	1
GC	N –7227	Spring (raised P.T.O. idler gear change lever retainer)	2	52/	See "Power Take-off"	1	1	1
GB	N –7228	Ring (main gear change lever snap)	5	52/		1	1	1
GC	N –7228	Ring (raised P.T.O. idler gear change lever spring retainer)	5	53/	See "Power Take-off"	1	1	1
GB	E1ADKN–7230	Fork (main gear change)–upper		52/		1	1	1
GB	E1ADKN–7231	Fork (main gear change)–lower		52/		1	1	1
GB	E1ADKN-77106	Fork (primary gear change)		52/	Except with live P.T.O.	1	1	1
GD	**E94-GA-9	Fork (primary gearbox)		3/57/		1	1	1

† With E1ADDN-7210 replaces earlier type Housing and/or Lever.
Parts marked thus ♦ together with E165-GB-9 replace levers used 52/54/11 or 8/58/60/5.
** Use with Live Power Take-off.

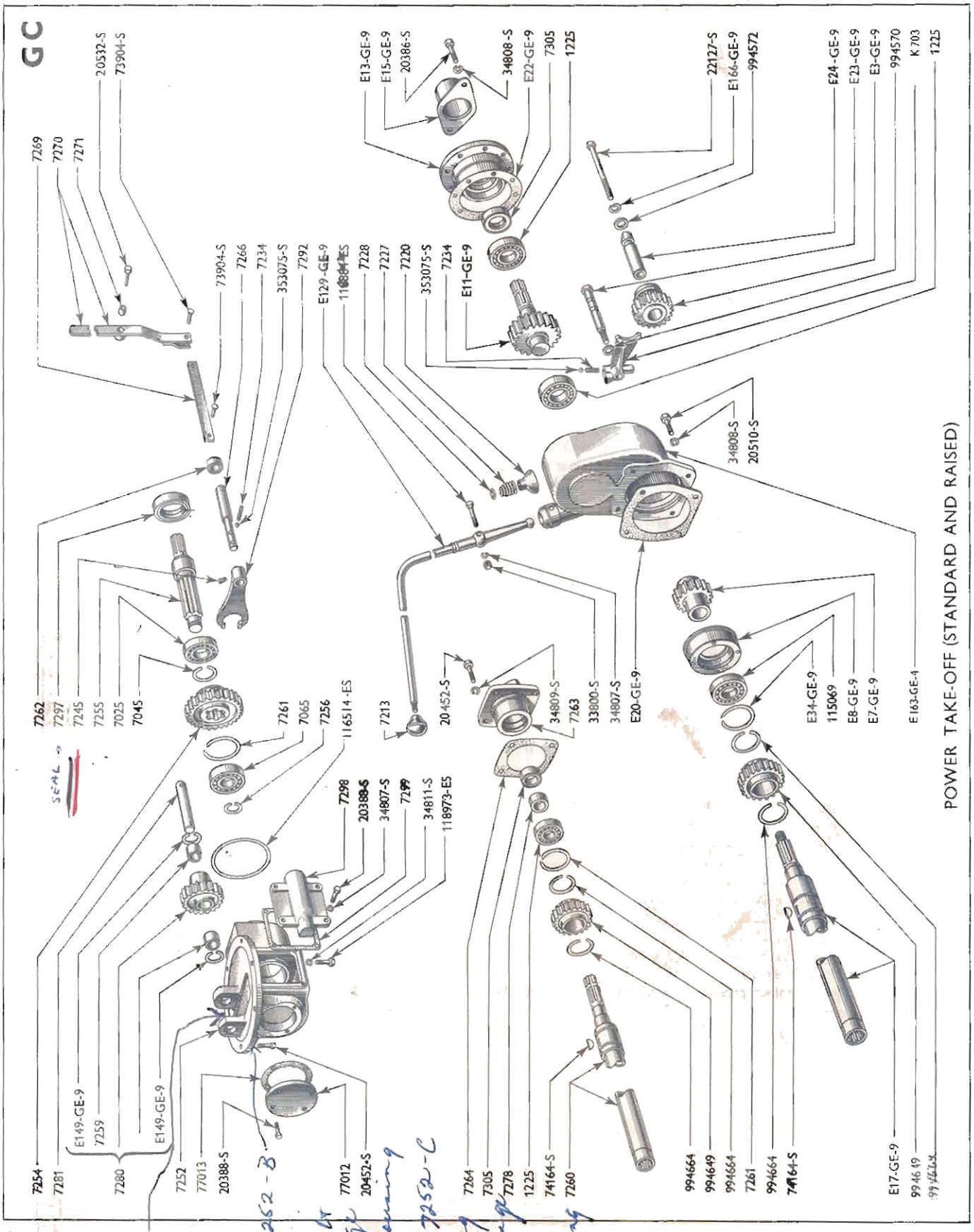
FRONT TRANSMISSION — *continued*

GEAR CHANGE — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GB	▲EIADDN–7233	Plunger (main gear change shaft)	10	52/		2	2	2
GB	BB –7234	Spring (primary gear change lower shaft)	5	52/		1	1	1
GC	BB –7234	Spring (P.T.O. selector housing)	5	52/	With P.T.O.	1	1	1
GC	BB –7234	Spring (raised P.T.O. idler gear change shaft)	5	53/	See "Power Take-off"	1	1	1
GD	**79 –7234	Spring (primary gear change shaft)	5	3/57/		1	1	1
CC	353075-S	Ball (primary gear change lower shaft)		52/		1	1	1
GC	▲EIADDN–7234	Spring (main gear change shaft plunger)	5	52/		1	1	1
GB	N –7235	Interlock (main gear change shaft)	2	52/		1	1	1
GB	EIADKN–7240	Shaft (main gear change)		52/		2	2	2
	61579-S	Rivet		52/61/8		2	2	2
	113608-ES	Bolt (fork to shaft)		8/61/		2	2	–
	72003-S7/8	Split pin		8/61/		2	2	–
GB	BB –7245	Screw (main gear change actuator)	2	52/		1	1	1
GB	BB –7245	Screw (primary gear change fork)	2	52/		1	1	1
GB	BB –7245	Screw (main gear change actuator shaft socket)	2	52/		1	1	1
GD	**BB –7245	Screw (primary gear change connector)	2	3/57/		1	1	1
GB	BB –7245	Screw (primary gear change connector)	2	52/		1	1	1
GC	BB –7245	Screw (P.T.O. driving gear shifter fork)	2	52/	With P.T.O.	1	1	1
AB	BB –7245	Screw (H.P.L. valve gear lever to control lever shaft)	2	52/60/11	With H.P.L.	1	1	1
AD	BB –7245	Screw (auxiliary valve lever to shaft)		11/60/		2	2	–
	957E –7245	Screw (diff. lock pedal securing)		11/60/		1	1	–
GB	EIADKN-7301	Actuator (main gear change fork)		52/		1	1	1
GB	EIADKN-7312	Shaft (main gear change actuator)		52/		1	1	1
GB	E1ADKN-7313	Socket (main gear change actuator shaft)		52/		1	1	1
	EIADKN-7314	Seal (main gear change actuator shaft oil)		52/54		1	1	1
	EIADKN-7319	Sleeve (main gear change actuator shaft bearing)		52/		1	1	1
GB	EIADKN-77107	Shaft (primary gear change)–lower		52/	Except with live P.T.O	1	1	1
GD	**E89-GA-9	Shaft (primary gear change)–lower		3/57/		1	1	1
GB	EIADKN-77108	Shaft (primary gear change)–upper		52/		1	1	1
GB	EIADKN-77109	Connector (primary gear change shaft)		52/		1	1	1
	EIADKN-77123-A	Lever (primary gear change relay)		52/54/11		1	1	1
	E20-GB-9	Lever (primary gear change relay)		11/54/60/5		1	1	1
GB	E165-GB-9	Lever (primary gear change relay)		5/60/		1	1	–

** Use with Live Power Take-off

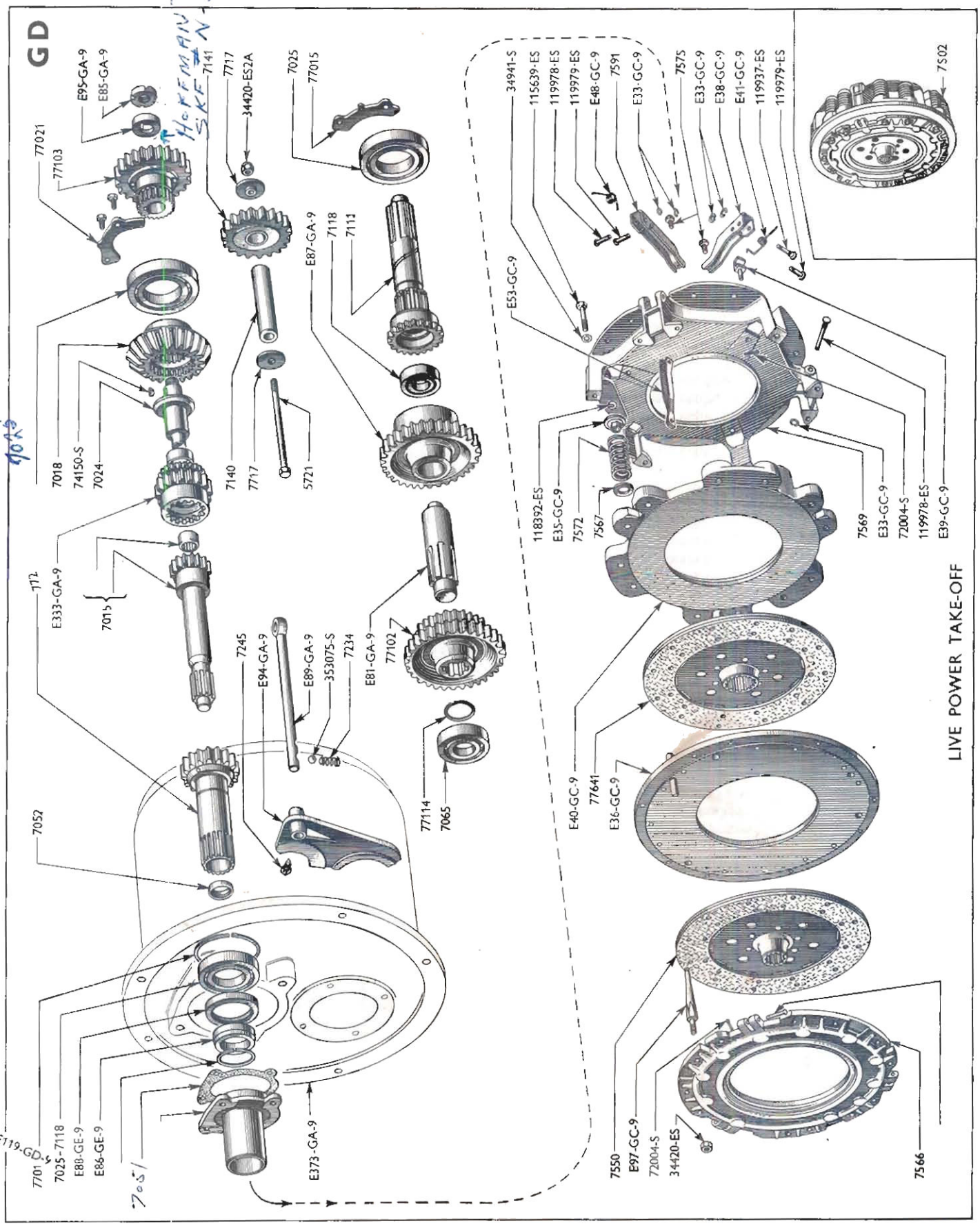
▲ These parts together replace previous type plunger and/or spring in this location.



E14DDN - 7252 - B
11 1/2" Bell Housing
Flange
Large housing

E14DDN 7252 - C
10 1/4" Flange
Small housing

Gasket 7303


GD
LIVE POWER TAKE-OFF
E95-GA-9
E85-GA-9
77021
77103
7141
7717
34420-ES2A
7025
77015
E87-GA-9
7118
7111
7018
74150-S
7024
7140
7717
5721
E333-GA-9
7015
7111
7245
E94-GA-9
E89-GA-9
353075-S
7234
E81-GA-9
77102
7052
77114
7065
E119-GD-9
7701
7025-7118
E88-GE-9
E86-GE-9
7051
E373-GA-9
E53-GC-9
34941-S
115639-ES
119978-ES
119979-ES
E48-GC-9
7591
E33-GC-9
7575
E33-GC-9
E38-GC-9
E41-GC-9
119937-ES
119979-ES
7502
118392-ES
E35-GC-9
7572
7567
E40-GC-9
77641
E36-GC-9
7569
E33-GC-9
72004-S
119978-ES
E39-GC-9
7550
E97-GC-9
72004-S
34420-ES
7566

FRONT TRANSMISSION – continued

POWER TAKE-OFF — (STANDARD AND RAISED)

(Items listed in this Section apply to both Standard and Raised Power Take-off, unless otherwise stated)

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADDN–700-B	Raised rear PTO (Installation)		52/63/6	1:1.333 ratio - replaces E136–GE-9	1	1	–
	E1ADDN–700-A	Raised rear P.T.O. (Installation)		6/63/	1:1 ratio	1	1	–
	CDPN–705-A	Kit - Raised Rear P.T.O. Conversion		6/63	United States	1	1	–
	E1ADDN–K700	Cover (P.T.O. opening)		6/63/	Less P.T.O.	1	1	1
	E1ADDN–K702-A	Gear - (Raised Rear P.T.O. - Upper Extension Shaft)		6/63		1	1	–
	E1ADDN–K705	Shaft (P.T.O. drive extension)		6/63/	Raised P.T.O.	1	1	–
	E1ADDN–K711	Gear (Raised P.T.O. Idler) Assy		6/63		1	1	–
	E1ADDN–K713	Bearing (Raised P.T.O. lower drive shaft)		6/63/	Raised P.T.O.	1	1	–
	E1ADDN–734	Retainer (Raised P.T.O. - Upper Extension Drive Shaft)		6/63		1	1	–
	E1ADDN–734	Retainer (Raised PTO - upper extension drive shaft)		6/63		1	1	–
	E1ADDN-904-A	Housing (raised P.T.O.)		6/63/		1	1	–
	†E1ADKN–7250-C	Installation (power take-off)		52/58/8	Accessory	1	1	1
	E1ADDN–7250-C	Installation (P.T.O.)(For Tractor Less H.P.L.)		6/63/		1	1	1
	E1ADDN–7250-D	Installation (P.T.O.)(For Tractors With H.P.L.)		6/63/		1	1	1
	†E1ADDN–7250-E	Installation (standard P.T.O.)		8/58/63/6	Replaces E1ADDN-7250-A Replaced by E1ADDN-700-B	1	1	1
	E1ADDN–7251-A	Power take-off assy		52/63/6		1	1	1
		Power take-off assy		6/63/	Use Components	1	1	–
	E653–GA-9	Cotter Pin (P.T.O.)		6/63/	Part of E1ADDN-7251-B	1	1	–
GC	EIADDN–7252-B	Housing (power take off)		6/63/		1	1	–
GC	EIADDN–7252-C	Housing (power take off)		8/58/63/6		1	1	–
GC	ø EIADDN–7252-C	Housing (power take off)	2	52/58/8		1	1	1
	116514-ES	Seal (P.T.O. housing or cover to front trans. housing oil)		52/		1	1	1
GC	20452-S2	Screw (housing to transmission housing)		52/		4	4	4
GC	118973-ES	Screw (housing to transmission housing)—dowel		52/		2	2	2
	34809-S36	Lockwasher		52/		4	4	4
GC	34811-S36	Lockwasher		52/		2	2	2
	353051-ES	Plug (housing drain)		52/		1	1	1
GC	E1ADKN-77012	Cap (P.T.O. housing)		52/		1	1	1
GC	20388-S2	Screw (cap to housing)		52/		4	4	4
	34807-S36	Lockwasher		52/		4	4	4
GC	E1ADKN-77013	Gasket (P.T.O. housing cap)		52/		1	1	1
	E1ADKN-77266	Cover (P.T.O. housing auxiliary drive)		52/53		1	1	1
	20410-S2	Screw (cover to housing)		52/53		6	6	6
	34828-S7	Lockwasher		52/53		6	6	6
	E1ADKN-77267	Gasket (P.T.O. housing auxiliary drive cover)		52/53		1	1	1
GC	EIADDN–7254	Gear (power take off)		6/63/		1	1	–
	E1ADKN–7254-B	Gear (power take-off)		52/63/6	Replaces E1ADKN-7254-A	1	1	1
GC	E1ADDN–7255	Shaft (Power Take Off)		52/	W/E1ADDN-7297 replaces E1ADKN-7255	1	1	–
GC	204E-1225-B	Bearing (P.T.O. shaft) assy.—large		52/		1	1	1
	BB-7065	Bearing (P.T.O. shaft) assy.—small	2	52/		1	1	1
GC	E1ADKN–7256	Ring (P.T.O. small bearing lock)	3	52/		1	1	1
	EIADKN–7256	Ring (raised P.T.O. upper extension shaft gear locking)		6/63/		1	1	–
GC	BB-7045	Ring (P.T.O. large bearing lock)	2	52/		1	1	1
	E1ADKN–7259-A	Bush (power take-off idler gear)	2	52/58/8		2	2	2
GC	E1ADDN–7259-B	Bearing (power take-off idler gear)		8/58/		2	2	–
GC	E1ADDN–7260	Shaft (Power Take Off Extension) Assy		52/	Standard P.T.O.	1	1	–
GC	EOA-1225	Bearing (P.T.O. extension shaft) assy.	3	52/	Standard P.T.O.	1	1	1
GC	E17–GE-9	Shaft (P.T.O. extension drive) assy		52/63/6	Raised P.T.O.	1	1	1
	E1ADDN–K705	Shaft (P.T.O. drive extension)		6/63/	Raised P.T.O.	1	1	–
GC	N-115069-A	Bearing (P.T.O. extension shaft) assy.		52/	Raised P.T.O.	1	1	1
GC	EIADDN-994649	Gear (H.P.L. pump driving)		6/63/		1	1	–
	E1ADKN-994649	Gear (H.P.L. pump driving)		52/63/6	With H.P.L.	1	1	1
GC	74164-S	Key (gear to P.T.O. extension shaft)		52/	With H.P.L.	1	1	1
GC	E1ADKN-994664	Ring (H.P.L. pump driving gear lock)	2	52/	With H.P.L.	2	2	2

† This installation does not include the H.P.L. pump driving gear (EIADKN-994649 or EIADDN-994649), the lock rings (EIADKN-994664) or the locking key (74164-S).

ø Together with (1) EIADDN-7281 (1) EIADDN-7280-B (1) E653-GA-9 replaces earlier type housing used 52/58/8 in production.

FRONT TRANSMISSION—*continued*

POWER TAKE-OFF—(STANDARD AND RAISED)—*continued*

Illus No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GC	E1ADKN–7261	Ring (P.T.O. shaft small bearing to housing lock)	5	52/		1	1	1
GC	E1ADKN–7261	Ring (P.T.O. extension shaft retainer lock)	5	52/	Standard P.T.O.	1	1	1
GC	E34-GE-9	Ring (P.T.O. extension shaft retainer lock)		52/	Rasied P.T.O.	1	1	1
GC	E27N –7262-A	Seal (P.T.O. shifter shaft oil)	5	52/		1	1	1
GC	E1ADKN–7263	Retainer (P.T.O. extension shaft bearing)		52/	Standard P.T.O.	1	1	1
GC	20452-S2	Screw (retainer to housing)		52/	Standard P.T.O.	4	4	4
GC	34809-S7	Lockwasher		52/	Standard P.T.O.	4	4	4
GC	E8-GE-9	Retainer (P.T.O. extension shaft bearing)		52/	Raised P.T.O.	1	1	1
GC	E1ADKN–7264	Gasket (P.T.O. extension shaft retainer)	20	52/	Standard P.T.O.	1	1	1
GC	E1ADKN–7266	Shaft (P.T.O. shifter)		52/		1	1	1
GC	E1ADKN–7269	Link (P.T.O. shifter shaft connecting)		52/		1	1	1
GC	73904-S	Clevis pin		52/		2	2	2
	72017-S	Split pin		52/		2	2	2
GC	E1ADDN–7270	Lever (P.T.O. operating)		6/63/		1	1	–
	E1ADKN–7270	Lever (P.T.O. operating)		52/63/6		1	1	1
GC	E1ADKN–7271	Bush (P.T.O. operating lever)		52/		1	1	1
GC	E27N –7278	Sleeve (P.T.O. extension shaft bearing retainer)	2	52/	Standard P.T.O.	1	1	1
	E1ADKN–7280-B	Gear (P.T.O. idler) and bush assy	2	52/63/6		1	1	1
GC	E1ADDN–7280-C	Gear (P.T.O. idler) and bearing assy		8/58/	Replaces E1ADDN-7280-B	1	1	–
GC	E149-GE-9	Ring (P.T.O. idler) gear retaining		6/61/	Use with E1ADDN-7280-B	2	2	–
GC	E1ADDN–7281	Shaft (P.T.O. idler gear)		8/58/		1	1	–
	E1ADKN–7281	Shaft (P.T.O. idler gear)	2	52/58/8		1	1	1
	E653-GA-9	Cotter pin (idler shaft retaining)		6/63/		1	1	–
	E1ADDN–724	Washer (P.T.O. idler gear bearing)		6/63		2	2	–
	E1ADDN–7A683	Spacer (P.T.O. idler gear bearing)		6/63/		1	1	–
GA	E0A –7288-A	Seal (primary gear change housing oil)	5	52/	See "Gear Change"	1	1	1
	E27N –7291	Cover (P.T.O. extension shaft) assy.	2	52/	Standard P.T.O.	1	1	1
	20350-S	Screw (cover to extension shaft retainer)		52/		2	2	2
	34808-S7/8	Lockwasher		52/		2	2	2
	E1ADKN-7165	Cover (P.T.O. extension shaft opening)		52/	Less P.T.O.	1	1	1
	20452-S2	Screw (cover to housing)		52/		4	4	4
	34809-S7	Lockwasher		52/		4	4	4
GC	E1ADDN–7292	Fork (P.T.O. driving gear shifter)		6/63/		1	1	–
	E1ADKN–7292	Fork (P.T.O. driving gear shifter)		52/63/6		1	1	1
GC	BB-7245	Screw (fork to shaft)	2	52/		1	1	1
	E1ADKN–7295	Cover (P.T.O. opening)		52/63/6	Less P.T.O.	1	1	1
	E1ADDN–K700	Cover (P.T.O. opening)		6/63/	Less P.T.O.	1	1	1
	20452-S2	Screw (P.T.O. or cover transmission housing)		52/		4	4	4
	34809-S7	Lockwasher		52/		4	4	4
	118973-ES	Screw (P.T.O. or cover to transmission housing)—dowel		52/		2	2	2
	34811-S7/8	Lockwasher		52/		2	2	2
	353051-ES	Plug (drain)		52/		1	1	1
GC	E1ADDN–7297	Seal (P.T.O. shaft oil) assy		6/63/		1	1	–
	E1ADKN–7297-A	Seal (P.T.O. shaft oil) assy.	15	52/63/6	Double lip	1	1	1
◆	E1ADKN–7297-B	Seal (P.T.O. shaft oil) assy.	10	53/63/6	Single lip	1pr.	1pr.	1pr.
GC	E1ADKN–7298	Housing (P.T.O. selector)		52/		1	1	1
GC	BB-7234	Spring (housing)	5	52/		1	1	1
GC	353075-S	Ball (housing)		52/		1	1	1
GC	20388-S2	Screw (housing to P.T.O. housing)		52/		4	4	4
GC	34807-S7/8	Lockwasher		52/		4	4	4
GC	E1ADKN–7299	Gasket (P.T.O. selector housing)	15	52/		1	1	1
	E1ADKN–7301	Actuator (main gear change fork)		52/	See "Gear Change"	1	1	1
	E1ADDN–7303	Gasket (P.T.O. housing or opening cover)		6/63/		1	1	–
	E1ADKN–7303	Gasket (P.T.O. housing or opening cover)	15	52/63/6	With and less P.T.O.	1	1	1
GC	E27N –7305-A	Seal (P.T.O. extension shaft oil) assy.	30	52/	Standard P.T.O.	1	1	1

◆ One pair optional replacement for one E1ADKN-7297-A

FRONT TRANSMISSION—*continued*

POWER TAKE-OFF—(STANDARD AND RAISED)—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GC	E27N –7305-A	Seal (P. T. O. upper extension shaft oil) assy.	30	52/	Raised P. T. O.	1	1	1
GB	E1ADKN –7312	Shaft (main gear change actuator)		52/	See "Gear Change"	1	1	1
GB	E1ADKN –7313	Socket (main gear change actuator shaft)		52/	See "Gear Change"	1	1	1
	E1ADKN–7314	Seal (main gear change actuator shaft oil)		52/54	See "Gear Change"	1	1	1
GB	E1ADKN –7319	Sleeve (main gear change actuator shaft bearing)		52/	See "Gear Change"	1	1	1
	# E1ADDN –7A452	Bearing (trans. lower shaft front)		6/63/		1	1	–
	20372-S2	Bolt (guard to retainer)		52/62/1	Raised P. T. O.	4	4	4
	34809-S7	Lockwasher		52/62/1	Raised P. T. O.	4	4	4
GC	20510-S	Screw (housing to rear transmission housing)		52/	Raised P. T. O.	2	2	2
	22127-ES2	Screw (housing to rear transmission housing)		52/	Raised P. T. O.	1	1	1
GC	34809-S7	Lockwasher		52/	Raised P. T. O.	3	3	3
	** E1ADDN –7470-A	Guard (P.T.O. universal coupling) assy.		52/	Standard P.T.O.	1	1	–
	▲ E158-GE-9	Bracket (P.T.O. universal coupling guard support) assy.		52/	Standard P.T.O.	4	4	–
	E1ADDN –7470-B	Guard (P.T.O. universal coupling) assy.		52/	Raised P.T.O.	1	1	–
	E157-GE-9	Bracket (P. T. O. universal coupling) assy.		1/62/	Raised P. T. O.	1	1	–
	20347-S7/8	Bolt (support bracket to guard)		1/62/	Standard P. T. O.	4	4	–
	20347-S7/8	Bolt (P. T. O. guard to upper bracket)		1/62/	Raised P. T. O.	1	1	–
	34806-S7/8	Lockwasher		1/62/	Standard P. T. O.	4	4	–
	34806-S7/8	Lockwasher		1/62/	Raised P.T.O.	1	1	–
	E163–GE-9	Housing (raised P. T. O.)		52/63/6	Replaces E21-GE-9	1	1	–
	E1ADDN–904-A	Housing (raised P. T. O.)		6/63/	Part of E1ADDN-700-A	1	1	–
	113774-ES	Stud		1/62/		1	1	–
GC	E20-GE-9	Gasket (raised P. T. O. housing)		52/	Raised P. T. O.	1	1	1
GC	E7-GE-9	Gear (raised P.T.O. drive)		52/	Raised P.T.O.	1	1	1
GC	45304-S	Nut (gear to P. T. O. extension shaft)		52/63/6	Raised P. T. O.	1	1	1
GC	44751-S	Washer		52/63/6	Raised P. T. O.	1	1	1
	72090-S	Split pin		52/63/6	Raised P. T. O.	1	1	1
GC	E24-GE-9	Shaft (raised P. T. O. idler gear)		52/	Raised P. T. O.	1	1	1
GC	22127-ES2	Screw (raised P. T. O. idler gear shaft)		52/	Raised P. T. O.	1	1	1
GC	E166-GE-9	Lockwasher		7/61/		1	1	–
	34809-S7	Lockwasher		52/61/7	Raised P. T. O.	1	1	1
GC	E1ADKN-994572	Seal (raised P. T. O. idler gear shaft)		52/	Raised P. T. O.	1	1	1
GC	E3-GE-9	Gear (raised P. T. O. idler)		52/63/6	Raised P. T. O.	1	1	1
	E1ADDN–K711	Gear (raised P. T. O. idler) assy.		6/63/		1	1	–
GC	E1ADDN–K703	Shifter (raised P. T. O. idler gear)		52/	Replaces E25-GE-9	1	1	1
GC	353075-S	Ball (shifter)		52/	Raised P. T. O.	1	1	1
GC	BB-7234	Spring (shifter ball)	5	52/	Raised P. T. O.	1	1	1
GC	E129-GE-9	Lever (raised P. T. O. idler gear shifter)		52/	Raised P. T. O.	1	1	1
GC	118884-ES	Bolt (lever to housing)		52/	Raised P. T. O.	1	1	1
GC	33800-S7/8	Nut		52/	Raised P. T. O.	1	1	1
GC	34807-S7	Lockwasher		52/	Raised P. T. O.	1	1	1
GC	N-7220-B	Retainer (shifter lever)		52/	Raised P. T. O.	1	1	1
GC	N-7227	Spring (shifter lever)		52/	Raised P. T. O.	1	1	1
GC	N-7228	Ring (shifter lever snap)		52/	Raised P. T. O.	1	1	1
GC	EBB-7213	Knob (shifter lever)	3	52/	Raised P. T. O.	1	1	1
GC	E23-GE-9	Shaft (raised P. T. O. idler gear shifter)		52/	Raised P. T. O.	1	1	1

▲ With (1) E1ADDN-7470-A (4) 20347-S2 replaces previous type guard.

** With (2) E158-GE-9 (4) 20347-S2 replaces previous type guard.

Together with (1) E1ADKN-77112-C Shaft plus (1) 113435-ES Washer replaces E81-GA-9

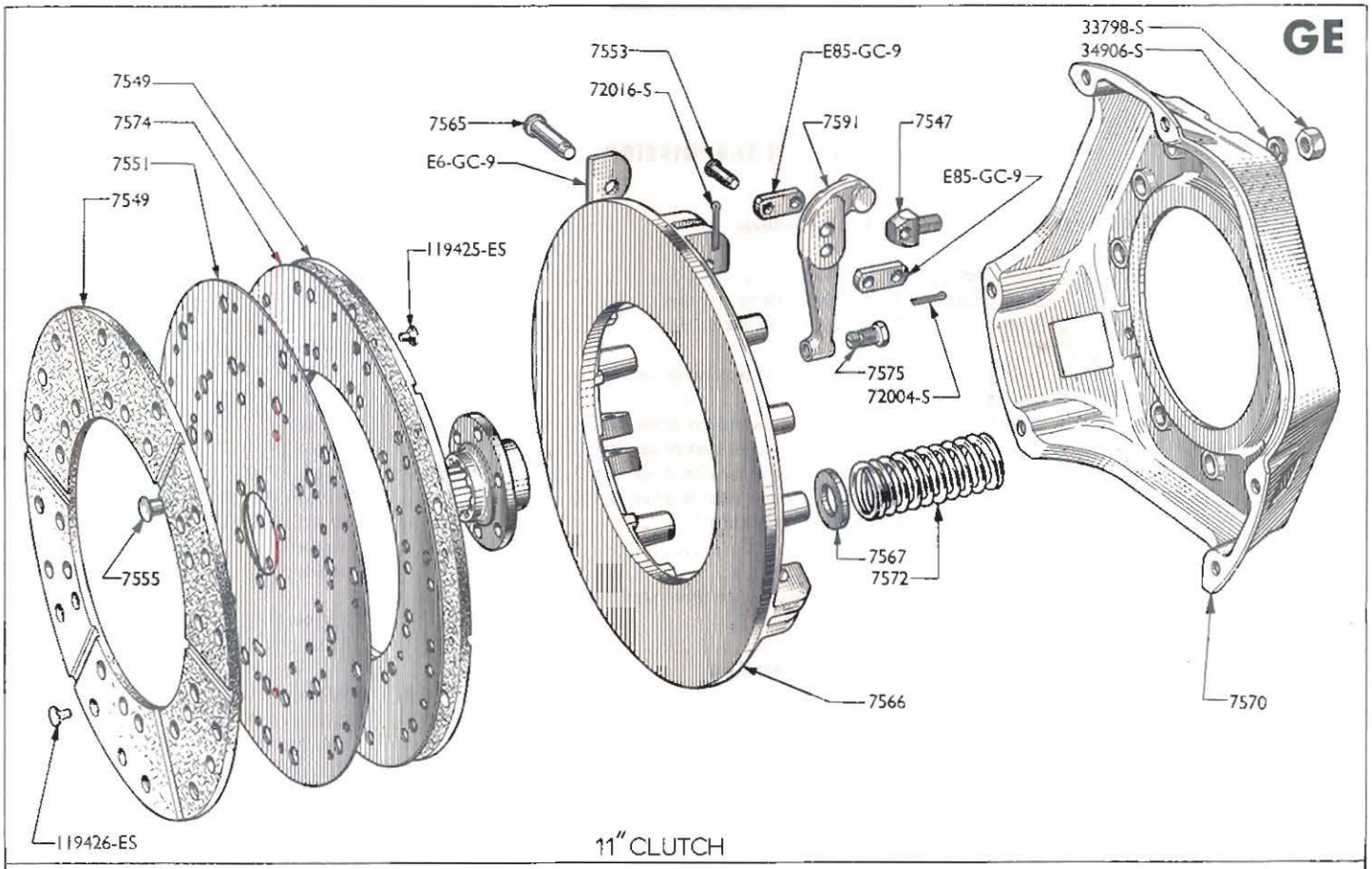
FRONT TRANSMISSION—*continued*

POWER TAKE-OFF—(STANDARD AND RAISED)—*continued*

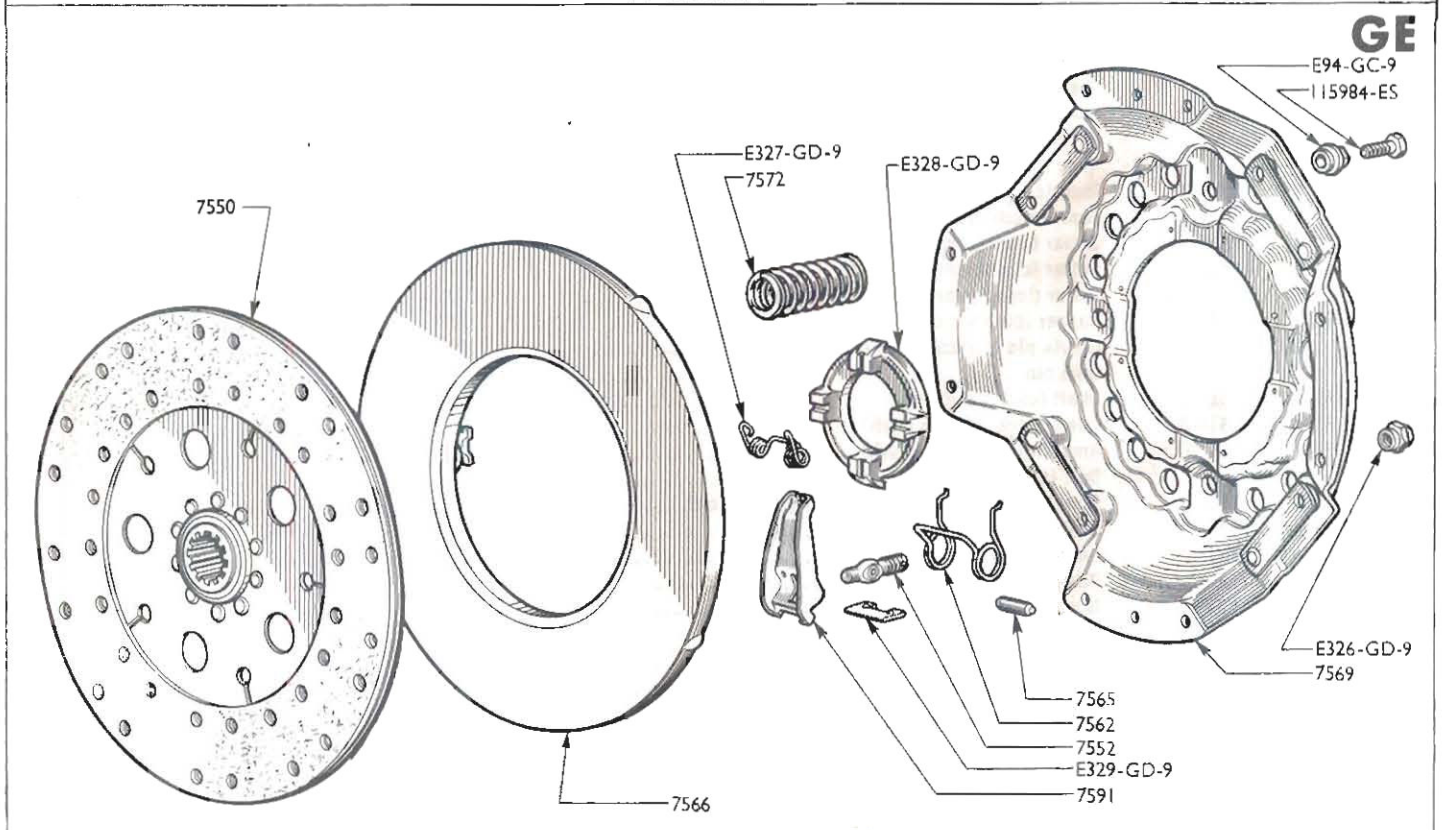
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.
GC	E1ADKN-994570	**Seal (idler gear shifter shaft)**	3	52/	**Raised P. T. O.**	1 1 1
GC	E11-GE-9	Shaft (raised P. T. O. upper extension drive)		52/63/6	Raised P. T. O. includes gear	1 1 1
	E1ADDN-K702-A	Shaft (raised P. T. O. upper extension drive)		6/63/	Raised P. T. O. 1:1.33 Ratio part of E1ADDN-700-A	1 1 –
GC	E0A-1225-A	Bearing (raised P. T. O. upper extension drive shaft gear)	3	52/63/6	Raised P. T. O.	2 2 2
	E0A-1225-A	Bearing (raised P. T. O. upper extension drive shaft)		6/63	Raised P. T. O.	1 1 –
	E1ADDN-7A452	Bearing (raised P. T. O. upper extension drive shaft)		6/63/	Raised P. T. O.	1 1 –
	E162-GE-9	Retainer (raised P. T. O. upper extension drive shaft)		52/63/6	Raised P. T. O.	1 1 –
	E1ADDN-734	Retainer (raised P. T. O. upper extension drive shaft)		6/63	Raised P. T. O.	1 1 –
	20472-S	**Screw (retainer to transmission housing)**		52/	**Raised P. T. O.**	4 4 4
	33846-S8	Nut		1/62/	Raised P. T. O.	1 1 –
	34809-S36	Lockwasher		52/	Raised P. T. O.	4 4 4
	E1ADKN-7256	Ring (raised P. T. O. upper extension drive shaft gear locking)		6/63/	Raised P. T. O.	1 1 –
GC	E27N-7305-A	**Seal (retainer oil)**	30	52/	**Raised P. T. O.**	1 1 1
GC	E22-GE-9	**Gasket (raised P. T. O. upper extension drive shaft retainer)**		52/62/1	**Raised P. T. O.**	1 1 1
	E1ADDN-7502	Clutch Assy		3/57/	With live P. T. O. Replaces E1ADKN-7502	1 1 1
GC	E15-GE-9	**Cover (raised P. T. O. upper extension drive shaft)**		52/	**Raised P. T. O**	1 1 1

CLUTCH

GC	E165-GE-9	**Gasket (raised P. T. O. upper extension drive shaft retainer)**		1/62/		1 1 –
GA	E1ADDN-7506-C	Shaft (clutch and brake pedal cross)		11/60/	Except Ind.	1 1 –
	E1ADKN-7506-A	**Shaft (clutch and brake pedal cross)**	2	52/60/11	**Except Ind**	1 1 1
	E1ADKN-7506-B	**Shaft (clutch and brake pedal cross)**		52/60/11	**Ind**	1 1 –
GA	87933-ES7/8	Lubricator (clutch and brake cross shaft)		11/60/63/2		1 1 –
	353031-ES7/8	Lubricator (brake & Clutch Cross shaft)		2/63/		1 1 –
CB	E1ADDN-7506-D	**Shaft (clutch and brake pedal cross)**		11/60/	**Ind**	1 1 –
	E27N-2867-A	**Seal (clutch cross-shaft oil) assy.**	5	52/		2 2 2
GA	E27N –7507	**Collar (clutch cross-shaft retaining)**		52/57/10		1 1 1
GA	E27N –7507	**Collar (clutch release shaft)**		52/54/5		1 1 1
CC	E27N –7507	**Collar (brake pedal cross shaft retaining)**		52/		1 1 –
CB/GA	E27N –7508	**Washer (clutch cross-shaft thrust)**		52/		2 2 2
	74006-S7	**Clevis pin (clutch release shaft collar retaining)**		52/54/5		1 1 1
	72005-S	**Split pin**		52/54/5		1 1 1
GA	E1ADKN-7510-C	**Shaft (clutch release)**		52/		1 1 1
	E1ADKN-7511-A	**Arm (clutch release shaft)**		52/57/3		1 1 1
GA	E1ADKN-7511-B	**Arm (clutch release shaft)**		3/57/		1 1 1
GA	20471-S2	**Bolt (clamping)**		52/		1 1 1
GA	E1ADKN-7512	**Dowel (front transmission housing to engine)**	15	52/		2 2 2
	E1ADKN-7513	**Bush (clutch pedal)**	10	52/60/11	**Except with live P. T. O.**	1 1 1
	E1ADKN-7513	**Bush (clutch release shaft)**	10	52/60/11		2 2 2
GA	E1ADKN-7513	**Bush (brake pedal shaft)**		11/60/		2 2 –
GA	E1ADDN-7513	**Bush (clutch pedal)—outer**		11/60/		1 1 –
	957E –7513	Bush (pulley drive gear)		10/61/		2 2 2
GA	E1ADKN-7514	**Pin (clutch pedal retracting spring anchor)**	2	52/		1 1 1
	E1ADKN-7514	**Pin (brake pedal retracting spring anchor)**	2	52/		2 2 2
	E1ADKN-7515-A	**Fork (clutch operating)**		52/57/3		1 1 1
GA	C7NN-7N515-G	Fork (clutch operating)		3/57/		1 1 1
GA	E122-GD-9	**Spring (clutch fork operating)**		3/57/		1 1 1
GA	74014-S	**Pin (fork to shaft)**		52/		2 2 2
GA/AM	72010-S	**Split pin**		52/		2 2 2
AM	E1ADKN-7519-A	**Pedal (clutch), pin and bush assy.**		52/60/11		1 1 1



11" CLUTCH



13" CLUTCH

FRONT TRANSMISSION—*continued*

CLUTCH—*continued*

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		**E1ADKN–7519-B	Pedal (clutch), pin and bush assy.		3/57/60/11		1	1	1
		**E1ADDN–7519-A	Pedal (clutch) , pin and bush assy.		11/59/60/11		1	1	–
GA		E1ADDN–7519-B	Pedal (clutch), pin and bush assy.		11/60/		1	1	–
GA		E322-GD-9	Bush (clutch pedal)–inner		11/60/		1	1	–
GA		E1ADDN-7513	Bush (clutch pedal)–outer		11/60/		1	1	–
		**E99-GD-9	Stop (clutch pedal) adjustable		3/57/60/11		1	1	1
		33922-S	Locknut		3/57/60/11		1	1	1
		**E120-GD-9	Stop (clutch pedal)		3/57/60/11		1	1	1
		**119977-ES7/8	Pin (clutch pedal stop)		3/57/60/11		1	1	1
		**E100-GD-9	Clip pin		3/57/		1	1	1
		353026-A2-S8	Lubricator (clutch pedal)		52/60/11		1	1	1
GA		73934-S7/8	Clevis pin (pedal to rod)		52/		1	1	1
		BB –7523	Spring (brake pedal retracting)		54/60/11	See "Rear Wheel Brakes"	1	1	–
		E1ADKN–7523-A	Spring (clutch pedal retracting)	40	52/60/11		1	1	1
		**E1ADKN–7523-A	Spring (clutch pedal retracting)		11/59/60/11	When requested	1	1	–
GA		**E1ADKN–7523-B	Spring (clutch pedal retraction)	5	3/57/		1	1	1
GA/AM		E1ADKN–7523-B	Spring (clutch pedal retraction)		11/60/		1	1	–
		E1ADKN–7531-A	Rod (clutch release lever to balance lever)		52/60/11		1	1	1
		**E1ADKN–7531-B	Rod (clutch release lever to balance lever)		3/57/60/11		1	1	1
		E1ADKN–7531-B	Rod (clutch release lever to balance lever)		11/60/62/10		1	1	1
AM		E1ADDN–7531	Rod (clutch release lever to balance lever)		10/62/		1	1	–
GA/AM		33943-S2	Nut		52/		1	1	1
GA/AM		97015-S2	Clevis (adjustable)		52/		1	1	1
GA/AM		73951-S7	Clevis pin		52/		2	2	2
GA/AM		72017-S	Split pin		52/		2	2	2
		EB –7533	Clevis pin (rod to brake pedal)		52/60/11	See "Rear Wheel Brakes"	1	1	–
CE		EB –7533	Clevis pin (trailer brake control lever)		54/		1	1	–
	S	E1ADDN–7N534-A	Rivet - Hub (12" Clutch Disc)		3/60/	Part of E1ADDN-7550-C	–	10	–
		E1ADKN–7537-A	Rod (clutch pedal to balance lever) assy.		52/60/11		1	1	1
		E1ADKN–7537-C	Rod (clutch pedal to balance lever) assy.		52/60/11	With A.C.R.	1	1	1
		**E1ADKN–7537-E	Rod (clutch pedal to balance lever) assy.		3/57/60/11		1	1	1
GA		E1ADDN–7537-A	Rod (clutch pedal to balance lever) assy.		11/60/		1	1	–
		**E1ADDN–7537-B	Rod (clutch pedal to balance lever) assy.		11/60/		1	1	–
GA		E1ADDN–7537-C	Rod (clutch pedal to balance lever) assy.		11/60	With A.C.R.	1	1	–
		**E1ADDN–7542	Bracket (clutch retracting spring)		11/59/60/11	When requested	1	1	–
GA		E27N –7547	Ring (clutch cross-shaft locking)		52/57/10		1	1	1
GA		E27N –7547	Ring (clutch release shaft locking)		52/60/11		1	1	1
GE		○E1ADDN–7547	Fulcrum (clutch release lever)		††		3	3	–
	R	*E1ADDN–7548-C	Hub (clutch release) and bearing assy		1/60	Replaces E1ADDN-7548-B	–	1	–
	S	E1ADDN–7549-C	Facing (Clutch Disc) 12"		3/60/	Part of E1ADDN-7550-C	–	2	–
GE		○E1ADKN–7549-A	Facing (clutch disc)		52/	Part of E1ADKN-7550-A	2	2	2
		○E1ADKN–7549-B	Facing (clutch disc)		52/	Part of E1ADKN-7550-B	2	2	2
		○60006-ES	Rivet (clutch disc to cushion plate)		52/	Part of E1ADKN-7550-A/B	12	12	12
GE		○119425-ES	Rivet (clutch disc to cushion facing)		52/	Part of E1ADKN-7550-A/B	24	24	24
GE		○119426-ES	Rivet (clutch disc to clutch facing)		52/	Part of E1ADKN-7550-A/B	24	24	24
		○E1ADDN–7549-A	Facing (clutch disc)		1/60/62-10	Part of E1ADDN-7550-B	–	2	–
		○117313-ES	Rivet		1/60/62-10	Part of E1ADDN-7550-B	–	40	–

○Export only. **Use with Live Power Take-off. ††Part of E1ADDN-7563-A * Used with 12" and 13" Clutch

FRONT TRANSMISSION — *continued*

CLUTCH — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GA	E1ADKN–7550-A	Disc (clutch) assy.	30	52/		1	1	1
GA	*E1ADKN–7550-A*	*Disc (clutch) assy.*		*52/*	*Parts Ex Plan-Domestic only*	*1*	*1*	*1*
GA	E1ADKN–7550-B	Disc (clutch) assy.	20	52/	Heavy duty	1	1	1
GA	*E1ADKN–7550-B*	*Disc (clutch) assy.*		*52/*	*Parts Ex Plan-Domestic only*	*1*	*1*	*1*
GA	E1ADDN–7550-B	Disc (clutch) assy.		1/60/62/10	13" clutch-Industrial	–	1	–
GA	*E1ADDN–7550-B*	*Disc (clutch) assy.*		*1/60/62/10*	*Parts Ex Plan-Domestic only*	–	*1*	–
GA	E1ADDN–7550-C	Disc (clutch) assy.		3/60/	12" clutch–Agricultural	–	1	–
GD	E1ADDN–7550-C	Disc (live P. T. O. clutch) assy		3/57/	Part of E1ADDN-7502 Replaces E1ADKN-7550-D	1	1	1
GE	E1ADDN–7550-D	Disc (clutch) assy.		10/62/	13" clutch-Industrial	–	1	–
	**E1ADDN–77641	Disc (live P.T.O. clutch) assy.	5	3/57/	Part of E1ADKN/E1ADDN-7502	1	1	1
	**E1ADDN-77641*	*Disc (live P.T.O. clutch) assy.*		*3/57/*	*Parts Ex Plan-Domestic only*	*1*	*1*	*1*
GA	#E1ADKN–77596	Spacer (cover to flywheel)		52/		3	3	3
GA	#E1ADKN–77596	Spacer (cover to flywheel)		1/60/		–	3	–
GA	#355599-ES	Bolt (cover to flywheel)		52/		6	6	6
GA	#355599-ES	Bolt (cover to flywheel)		1/60/		–	6	–
GA	#34806-S36	Lockwasher		52/		6	6	6
GA	#34806-S36	Lockwasher		1/60/		–	6	–
GE	oN –7551	Disc (clutch)		52/		1	1	1
	o 7V –7551	Disc (clutch)		52/	Part of E1ADKN-7550-A/B	1	1	1
GE	o*E1ADDN–7552-A	Bolt (clutch release lever)		1/60/62/10	Part of E1ADDN–7563-B	–	4	–
	oE1ADDN–7552-B	Bolt (clutch release lever)		10/62/	Part of E1ADDN–7563-C	–	4	–
GE	o*E326-GD-9	Nut (clutch release lever)		1/60/	Part of E1ADDN–7563-B/C	–	4	–
GE	oE1ADDN–7553	Pin (clutch release lever yoke)		††		6	6	–
GE	o B –7555	Rivet (clutch disc hub)		52/	Part of E1ADKN-7550-A/B	6	6	6
	*E1ADDN–7557-B	Connector (clutch release bearing grease) assy		1/60/		–	1	–
GA	E1ADKN–7561-A	Hub (clutch release bearing)	15	52/57/3		1	1	1
GA	E1ADKN–7561-C	Hub (clutch release bearing)	5	3/57/		1	1	1
	**E1ADKN–7561-D	Hub (clutch release bearing)	2	3/57/		1	1	1
GA	o*E1ADDN–7562	Spring (clutch release lever)-anti-rattle		1/60/62/10	Part of E1ADDN-7563-B	–	4	–
	oE1ADDN–7562-B	Spring (clutch release lever)-anti-rattle		10/62/64	Part of E1ADDN-7563-C	–	4	–
GE	o*E328GD-9	Plate (clutch release lever)		1/60/	Part of E1ADDN–7563-B/C	–	1	–
GE	o*E327-GD-9	Spring (clutch release plate retaining)		1/60/	Part of E1ADDN–7563-B/C	–	4	–
GE	o*E329-GD-9	Strut (clutch release lever)-main		1/60/	Part of E1ADDN–7563-B/C	–	4	–
GD	E1ADKN–7562	Spring(clutch release bearing retracting)	15	52/64		1	1	1
GA	E1ADDN–7563-A	Plate (clutch pressure) and cover assy.		52/	Orange springs	1	1	1
GA	*E1ADDN–7563-A*	*Plate (clutch pressure) and cover assy.*		*8/59/*	*Parts Ex Plan-Domestic only*	*1*	*1*	–
GA	*E1ADDN–7563-B	Plate (clutch pressure) and cover assy.		1/60/	Agricultural – Yellow/Green Springs	–	1	–
GA	*E1ADDN–7563-B	Plate (clutch pressure) and cover assy.		1/60/62/10	Industrial – Yellow/Green Springs	–	1	–
GA	**E1ADDN–7563-B*	*Plate (clutch pressure) and cover assy.*		*1/60/*	*Agricultural – Parts Exchange Plan*	–	*1*	–
	**E1ADDN–7563-B*	*Plate (clutch pressure) and cover assy.*		*1/60/62/10*	*Industrial – Parts Exchange Plan*	–	*1*	–
GA	E1ADDN–7563-C	Plate (clutch pressure) and cover assy. (Except U. S.)		10/62/	13" clutch - Industrial	–	1	–
	E117-GC-9	Spacer (pressure plate to fly wheel)		10/62/	Use with E1ADDN–7563-C	–	4	–
	E1ADKN–7563-A	*Plate (clutch pressure) and cover assy.*		*52/59/8*	*Parts Ex Plan-Domestic only*	*1*	*1*	*1*
	8MTH–7563-A	Plate (clutch pressure) and cover assy		52/	United States only	1	1	1

**Use with Live Power Take-off. *Use with 12" and 13" clutch.
#Use with E1ADKN-7550-B and E1ADDN-7550-B o Export only
††Part of E1ADDN-7563-A

FRONT TRANSMISSION — *continued*

CLUTCH — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GA	350433-S	Screw (cover to flywheel)		52/		6	6	6
	20388-S2	Bolt (cover to fly wheel)		1/60/	Use with EIADDN-7563-B	–	8	–
	20408-S7/8	Bolt (cover to fly wheel)		10/62/	Use with EIADDN-7563-C	–	8	–
GA	34806-S36	Lockwasher		52/		6	6	6
	*34807-S36	Lockwasher		1/60/		–	8	–
	○ 48 –7565	Pin (clutch release lever)		52/60/10	Part of EIADDN-7563-A	3	3	3
GE	○500E –7565	Pin (clutch release lever)		10/60/		3	3	3
GE	○* EIADDN–7565	Pin (clutch release lever)		11/60/	Part of EIADDN-7563-B/C	–	4	–
	○E1ADDN–7566-A	Plate (clutch pressure)-inner		1/60/62/10	Part of E1ADDN–7563-B	–	1	–
GE	○E1ADDN–7566-B	Plate (clutch pressure)-inner		10/62/64	Part of E1ADDN-7563-C	–	1	–
GE	○EIADKN–7566-A	Plate (clutch pressure)–main		52/	Use with EIADDN-7563-A	1	1	–
GE	○E6–GC-9	Plate (clutch pressure wear lug)		‡		3	3	–
	** EIADKN–7566-B	Plate (clutch pressure)–main	3	3/57/6/59		1	1	1
	** EIADKN–7566-C	Plate (clutch pressure)–main		6/59/	Part of EIADKN-7502	1	1	–
	** 48 –7567	Washer (clutch pressure spring insulator)	2	3/57/	Part of EIADKN-7502	12	12	12
GE	○ 48 –7567	Washer (clutch pressure spring insulator)		‡		9	9	–
GD	** E36-GC-9	Plate (flywheel extension) assy.		3/57/	Part of EIADKN-7502	1	1	1
GD	** E40-GC-9	Plate (P.T.O. live clutch pressure)		3/57/	Part of EIADKN-7502	1	1	1
GD	** EIADKN–7569-A	Cover (clutch) assy.	3	3/57/	Part of EIADKN-7502	1	1	1
GD	○* E1ADDN–7569-A	Cover (clutch) assy.		1/60/62/6	Part of E1ADDN–7563-B	–	1	–
GD	○E1ADDN–7569-B	Cover (clutch) assy.		10/62/64	Part of E1ADDN-7563-C	–	1	–
GE	·○E94–GC-9	Ferrule (clutchplate cover)		1/60/69/9	Part of E1ADDN-7563-B/C	–	4	–
GE	304665-S36	Bolt (Cover to Plate)		1/60/	Part of E1ADDN-7563-B	–	4	–
GD	** 115639-ES	Bolt (clutch cover and flywheel extenstion plate)		3/57/		9	9	9
GD	** 34941-S7	Lockwasher		3/57/		9	9	9
	** E54-GC-9	Pin (clutch spring retaining)		3/57/59/6		12	12	12
	34443-ES2C	Nut (clutch spring retaining pin)		3/57/59/6		12	12	12
	** E97-GC-9	Pin (clutch spring retaining)		6/59/	Part of EIADKN-7502	12	12	–
	**34420-S2	Nut (clutch spring retaining pin)		6/59/	Part of E1ADKN-7502	12	12	
GE	○ 51 –7570	Cover (clutch)		52/	Part of EIADDN-7563-A	1	1	–
GD	** EIADDN–7572-A	Spring (clutch pressure)		3/57/	Part of EIADKN-7502	12	12	–
GE	○* EIADDN–7572-B	Spring (clutch pressure)		1/60/	Part of EIADDN-7563-B/C	–	16	–
	○ EIADKN–7572-A	Spring (clutch pressure)		3/60/	Part of EIADDN-7563-A	9	9	–
GD	** E35-GC-9	Seat (clutch pressure spring)		3/57/	Part of EIADKN-7502	12	12	12
GD	** 48-7567	Washer (clutch pressure spring insulator)	2	3/57/		12	12	12
GD	** 118392-ES18	Washer		3/57/	Part of EIADKN-7502	12	12	12
GD	** E38-GC-9	Lever (live P.T.O. clutch release) assy.		3/57/	Part of EIADKN-7502	3	3	3
GD	** EIADKN-7575-A	Screw (clutch release lever)	5	3/57/	Part of EIADKN-7502	3	3	3
GD	** E39-GC-9	Yoke (live P.T.O. clutch release lever)		3/57/		3	3	3
GD	** 72004-S2	Split pin		3/57/	Part of EIADKN-7502	3	3	3
GD	** E41-GC-9	Spring (live P.T.O. clutch release lever)		3/57/	Part of EIADKN-7502	3	3	3
GD	** 119937-ES18	Pin (live P.T.O. clutch release lever yoke)		3/57/	Part of EIADKN-7502	3	3	3
GD	** 119979-ES18	Pin (clutch release lever pivot)		3/57/	Part of EIADKN-7502	3	3	3
GD	** E33-GC-9	Circlip		3/57/	Part of EIADKN-7502	6	6	6
GD	** EIADKN-7575-A	Screw (clutch release lever)	5	3/57/	Part of EIADKN-7502	3	3	3
GD	** E48-GC-9	Spring (clutch release lever pin)–main		3/57/	Part of EIADKN-7502	3	3	3
GD	119978-ES18	Pin (clutch release lever pivot)		3/57/		3	3	3
GD	119979-ES18	Pin (clutch release lever pivot)		3/57/		3	3	3
GD	** 119978-ES18	Pin (clutch release lever pivot to cover)		3/57/	Part of EIADKN-7502	3	3	3
GD	** E33-GC-9	Circlip (clutch release lever pivot)		3/57/	Part of EIADKN-7502	6	6	6
GD	** E33-GC-9	Circlip (clutch release lever pivot to cover)		3/57/	Part of EIADKN-7502	3	3	3

** Use with Live Power Take-off * Use with 12" and 13" Clutch ○ Export only ‡ Part of EIADDN-7563-A

FRONT TRANSMISSION—*continued*

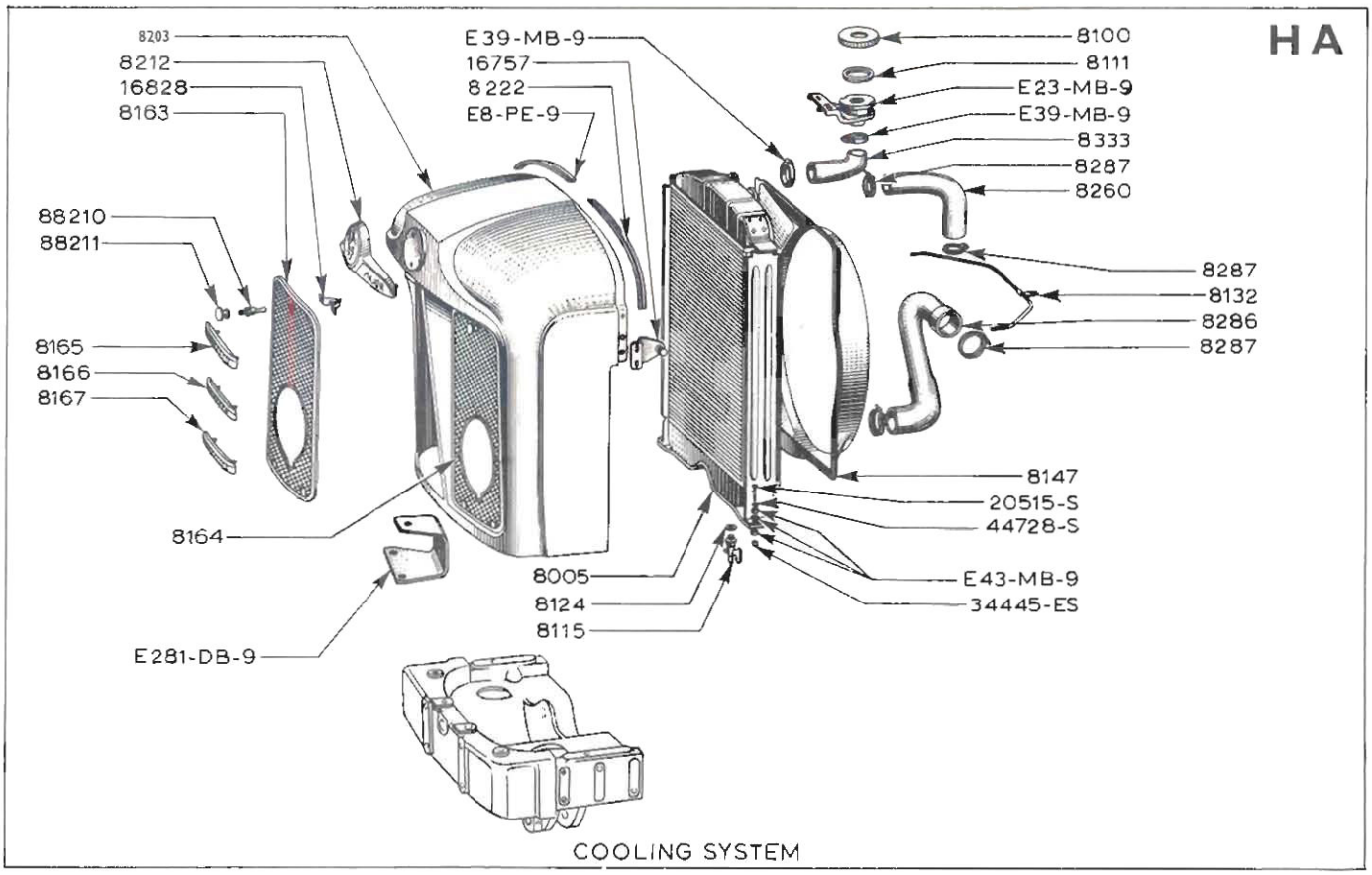
CLUTCH—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
GD	** E53-GC-9	Strut (clutch release lever)—main		3/57/	Part of EIADKN-7502	3	3	3
	** 119935-ES18	Pin (clutch release lever strut)		3/57/	Part of EIADKN-7502	3	3	3
GD	** 72004-S2	Split pin		3/57/	Part of EIADKN-7502	3	3	3
	91A –7573-B	Weight (clutch disc balance)		52/	Part of EIADKN-7550-B	ar	ar	ar
	** 91A –7573-B	Weight (clutch disc balance)		3/57/		ar	ar	ar
GE	o EIADDN –7575	Screw (clutch release lever)		52/	Use with EIADDN-7563-A	3	3	–
GD	** EIADKN –7575-A	Screw (clutch release lever)	5	3/57/	Part of EIADKN-7502	6	6	6
	E1ADKN–7575-B	Screw (clutch release lever adjusting)		52/59/11		3	3	3
GE	o E85-GC-9	Link (clutch release lever)		52/	Part of EIADDN-7563-A	6	6	–
GE	33798-S7/8	Lockwasher		‡		3	3	–
GE	72004-S2	Split pin		‡		3	3	–
GE	72016-S	Split pin		‡		3	3	–
GA	EIADKN –7580-B	Bearing (clutch release) assy.	15	52/	Industrial	1	1	–
	** EIADKN –7580-C	Bearing (clutch release) assy.	5	3/57/		1	1	1
GE	o EIADDN –7591-A	Lever (clutch release)		‡		3	3	–
GE	o EIADDN –7591-A	Lever (clutch release)		52/	Use with EIADDN-7563-A	3	3	–
GE	o* EIADDN –7591-B	Lever (clutch release)		1/60/	Part of EIADDN-7563-B/C	–	4	–
GD	** E1ADKN-7591	Lever (clutch release) assy.—main	3	3/57/	Part of E1ADKN-7502	3	3	3
GA	E27N –7596	Washer (clutch release shaft thrust)		52/		1	1	1
	** EIADDN –7598	Pin (clutch return spring)		11/59/60/11	When requested	1	1	–
	EIADDN –7600	Bearing (clutch pilot) assy.		3/61/		1	1	–
GA	EIADKN –7600-A	Bearing (clutch pilot) assy.	20	52/61/3		1	1	1
	EIADKN –7608-A	Lever (clutch balance) and bush assy.		52/57/3		1	1	1
GA/AM	EIADKN –7608-C	Lever (clutch balance) and bush assy.		3/57/		1	1	1
AM	353026-ES7/8	Lubricator		11/60/		1	1	–
	** E1ADKN–7608-D	Lever (clutch balance) and bush assy.		3/57/		1	1	1
GA	EIADKN –7612-A	Pin (clutch balance lever fulcrum)		52/		1	1	1
GA	E27N –7614	Washer (clutch balance lever retainer)		52/		1	1	1
GA/AM	E27N –7616	Bush (clutch balance lever)	3	52/		1	1	1
	EIADKN –7624-B	Stop (clutch pedal)		52/60/11		1	1	1
GA/LA	EIADDN –7624-A	Stop (clutch pedal)		11/60/		1	1	–
	** E1ADDN–7624-B	Stop (clutch pedal)		11/60/		1	1	–
	** 116352-ES7/8	Pin (clutch pedal stop clevis)		11/60/		1	1	–
	E100-GD-9	Pin (clutch pedal stop clevis pin)		11/60/		1	1	–
	355471-S	Bolt (stop to mudguard platform)		52/53/		2	2	2
GA	350472-S2	Bolt (stop to mudguard platform)		11/60/		2	2	–
GA	33798-S7/8	Nut		52/		2	2	2
GA	34806-S7/8	Lockwasher		52/		2	2	2
	E1ADDN–7A683	Spacer (P.T.O. idler gear bearing)		6/63/	See "P.T.O."	1	1	–

TRANSMISSION BRAKE *(items listed in this section apply only when Transmission Hand Brake is fitted, unless otherwise stated)*

CF/GB	E27N –7702	Shaft (transmission brake)	2	53/		1	1	1
CF/GB	N-115095-A	Shaft (brake shaft return)	2	52/		1	1	1
CF/GB	N –7703-C	Hub (transmission reverse idler shaft)	3	52/		1	1	1
CF/GB	N –7704-B	Plate (transmission brake)—revolving	10	52/		5	5	5
CF/GB	N –7705-B	Plate (transmission brake)—stationary	10	52/		7	7	7
	N –7706-C	Pin (transmission brake plate)	3	52/60/1		2	2	2
CF/GB	EIADDN –7706	Pin (transmission brake plate)		1/60/		2	2	–
CF/GB	N –7707-B	Spring (transmission brake)	3	52/		1	1	1
CF/GB	E27N –7708-B	Nut (transmission brake spring retainer)		52/		1	1	1
CF/GB	72053-S	Split pin (transmission brake spring retainer nut)		52/		1	1	1
GB/GD	EIADKN –7717	Retainer (transmission reverse idler gear)		53/	See "Gearbox"	2	2	2

* Use with 13" clutch o Export only ‡ Part of EIADDN-7563-A ** Use with Live P.T.O.



COOLING SYSTEM

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

COOLING SYSTEM

P D V

RADIATOR

NOTE:–

Items marked thus: • are service details common to E1ADDN-8201-A/B/C
Items marked thus: ■ are service details common to E1ADDN-8201-A/C
Items marked thus: ♦ are peculiar to E1ADDN-8201-C

	M-99B-58	Capsule (cooling system anti-leak)	52/	2 only maximum	ar ar ar	
	E1ADDN–8K004	Kit (radiator replacement)	8/62/	Replaces E348-Z-9	– 1 –	
	E1ADN–8K004	Kit (radiator replacement)	8/62/	Replaces E350-Z-9	1 – –	
	E1ADN–8005	Radiator Assy	3/57/	Replaces E1ADKN-8005-F	1 – –	
	E1ADN–8005	Radiator Assy	8/62/	When requested Replaces E1ADKN-8005-F	– 1 –	
HA	E1ADDN–8005-C	Radiator Assy	8/62/	Except when ADN–8005 requested - Replaces E1ADDN-8005-B	– 1 –	

COOLING SYSTEM—*continued*

RADIATOR—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E69-MB-9	Plate (radiator support mounting)		8/62/	Also part of E348/E350-Z-9	1	1	–
	E70-MB-9	Plate (radiator support mounting reinforcement)		8/62/	Part of E348/E350-Z-9	1	1	–
	22306-ES	Bolt (radiator to front cross member)		52/58/2		2	2	2
	33979-S	Nut		52/58/2		2	2	2
	72026-S	Split pin		52/58/2		2	2	2
HA	E43-MB-9	Pad (radiator support)		52/62/8		6	6	6
	E1ADDN-9066	Pad (radiator support)		8/62/	Also part of E348/E350-Z-9	2	2	–
HA	20515-S2	Bolt (radiator to front crossmember)		2/58/62/8		2	2	–
	23516-S2	Bolt (radiator to front crossmember)		8/62/		2	2	–
HA	34445-ES7/8	Nut		2/58/		2	2	–
HA	44728-S7/8	Washer		2/58/		2	2	–
HA	⊕E23-MB-9	Neck (radiator filler) and bracket assy.		1/55/		1	1	1
	E15-MB-9	Hose (overflow connecting)		1/55/57/3		1	1	1
	BBE-8286-X	Hose (radiator filler)		1/55/55/6		1	1	1
HA	E1ADKN-8333	Hose (radiator filler)	35	6/55/		1	1	1
	BE-8287-B	Clamp (hose)	5	1/55/55/6		2	2	2
	EOTA-9628-C	Clamp (hose)		6/55/56/12		2	2	2
HA	E39-MB-9	Clamp (hose)		12/56/		1	1	1
	38206-S7/8	Screw (filler neck to radiator shell)		1/55/		1	1	1
	34055-S7/8	Nut		1/55/		1	1	1
	34805-S7	Lockwasher		1/55/		1	1	1
	68–8020	Clip (head lamp wiring) N.S. in U.S.		52/	See "Wiring"	1	1	1
	508E –8075	Pipe (radiator overflow)		3/57/57/5		1	1	1
	E1ADKN–8075-C	Pipe (radiator overflow)		5/57/		1	1	–
	118511-ES2	Clip (radiator overflow pipe)		3/57/		2	2	2
HA	E62A –8100-A	Cap (radiator pressure) assy.	3	8/58/	Export only	1	1	–
HA	E62A –8100-B	Cap (radiator pressure) assy.	5	52/		1	1	1
HA	528E –8100	Cap (radiator) assy.		52/		1	1	1
HA	E62A –8111	Gasket (radiator pressure cap)	3	52/		1	1	1
HA	E62A –8115	Cock (radiator drain) assy.	3	52/		1	1	1
HA	E62A –8115	Cock (radiator drain)		6/57/		1	1	–
HA	E1ADKN–8115-A	Cock (cylinder block drain) assy.	2	52/54	See "Engine"	1	1	1
	2701E–8115-B	Cock (cylinder block drain) assy		54/	Replaces E1ADKN-8115-B	1	1	1
	2701E–8115-B	Cock (radiator drain) assy		54/		1	1	1
HA	E62A –8124	Washer (radiator drain cock)	5	52/		1	1	1
	B –8130	Spring (radiator to cross member bolt)		52/58/2		2	2	2
HA	E1ADKN–8132-B	Rod (radiator brace) assy.		52/62/8	Except with 18" fan Use with Power Assisted Steering	1	1	1
HA	E1ADKN–8132-C	Rod (radiator brace) assy.		6/57/62/8	Use with 18" fan	1	1	–
	33796-S7/8	Nut		52/62/8		4	4	4
	34805-S7	Lockwasher		52/62/8		2	2	2
	E1ADDN–8133	Rod (radiator brace)		8/62/		2	2	–
	33795-S7	Nut		8/62/		4	4	–
	34805-S7	Lockwasher		8/62/		4	4	–
CE	E494A –8143	Clip (vacuum gauge pipe)		54/		–	1	–
HA	E1ADKN-8147-B	Shroud (fan)	2	52/	Repl. E1ADKN-8147-A	1	1	1
	32844-S	Screw		52/		6	6	6
	27068-S7/8	Bolt (shroud to radiator)		52/56/10		8	8	8
	34079-S7/8	Nut		52/56/10		8	8	8
	34803-S7/8	Lockwasher		52/56/10		8	8	8
	117224-ES	Rivet (shroud to radiator)		10/56/		8	8	–

⊕When replacing previous type neck by E23-MB-9 use also (1) E1ADKN-8333 and (2) EOTA-9628-C.

COOLING SYSTEM—*continued*

RADIATOR—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	ℰDKN–8164-A	Grille (radiator Assy) L. H.		52/60/11		1	1	–
	ℰE1ADKN–8163-A	Grille (radiator) - R. H.		52/60/11		1	1	–
	°DDN–8164	Grille (radiator assy) - L. H.		11/60/		1	1	–
	°DDN–8163	Grille (radiator) assy. - R. H.		11/60/		1	1	–
	●E1 ADKN-16828-C	Clip (radiator grille to shell)		52/		2	2	2
	113633-ES	Screw (clip to radiator shell)		11/61/		4	4	4
	■38188-S7/8	Screw (clip to radiator shell)		52/		4	4	4
	■34079-S7/8	Nut		52/		4	4	4
	■34939-S7/8	Lockwasher		52/		4	4	4
	20346-S7/8	Screw (shell to side channel to front cross member)		52/		2	2	2
	20310-S7/8	Screw (shell to front cross member)		52/		4	4	4
	34806-S36	Lockwasher		52/		6	6	6
	44725-S	Washer		52/		6	6	6
	E1ADDN–8165-B	Bar (radiator grille)–upper		11/60/	Replaces E1ADDN-8165-A	2	2	–
HA	E1ADDN–8166-B	Bar (radiator grille)–centre		11/60		2	2	–
	E1ADDN–8167-B	Bar (radiator grille)–lower		11/60	Replaces E1ADDN-8167-A	2	2	–
	♦115201-ES	Fastener (radiator grille bar)		11/60/	Except with electric lighting	12	12	–
	11A –8187	Clamp (hose to carburettor)		52/		1	–	1
	●E96-PC-9	Plug (shell headlamp mounting bracket hole)		52/		ar	ar	ar
	●E1ADDN–8203-A	Shell (radiator) and deflector panel assy.		52/		1	1	–
HA	E1ADKN-88210	Stud (radiator grille clip)		52/		2	2	2
HA	E1ADKN-88211	Knob (radiator grille clip)		52/		2	2	2
	34903-S7	Lockwasher		52/		2	2	2
	118135-ES	Washer		52/		2	2	2
	E1ADKN–8212-C	Ornament (radiator shell)		52/11/60		1	1	–
HA	E1ADDN–8212-A	Ornament (radiator shell)		11/60/63/6	Orange Background	1	1	–
	117543-ES7/8	Nut (ornament retaining)		52/59/9		2	2	2
HA	E1ADDN–8212-B	Ornament (radiator shell)		6/63/	Grey background	1	1	–
	115202-ES2	Fastener (ornament retaining)		9/59/60/11		2	2	–
	115201-ES	Fastener (ornament retaining)		11/60/		4	4	–
	957E –8216	Ornament (radiator shell)		8/58/60/11	Use with Live P.T.O.	1	1	–
	E91-PD-9	Grommet (radiator grille ornament)		3/57/60/11	Use with Live P.T.O.	2	2	2
	●E1ADKN–8222	Pad (radiator shell top)		52/55/1		2	2	2
HA	●E1ADKN–8222	Pad (radiator shell top)–L.H.		1/55/		1	1	1
HA	●E8-PE-9	Pad (radiator shell top)–R.H.		1/55/		1	1	1
	●117244-ES7/8	Rivet (pad to shell)		1/55/		2	2	2
	●117243-ES7/8	Rivet (pad to shell)		52/		6	6	6
	●44705-S8	Washer		52/		8	8	8
FA	EOTA –8250	Connection (cylinder head water outlet)	2	52/		1	1	1
	20366-S8	Screw (connection to cylinder head)		52/		1	1	1
FA	20386-S7	Screw (connection and brace rod to cyl. head)		52/		1	1	1
	20386-S7	Screw (connection to cylinder head)		52/		2	2	2
FA	34806-S36	Lockwasher		52/		2	2	2
FA	E1ADKN–8587	Gasket (water outlet connection)	60	52/		1	1	1
HA	E1ADKN–8260	Hose (radiator)–upper	40	52/		1	1	1
	BBE –8286-X	Hose (radiator filler)		1/55/55/6		1	1	1
HA	E1ADDN–8286	Hose (radiator)–lower		2/61/		1	1	–
	500E –8286	Hose (radiator)–lower	40	52/61/2		1	1	1

To ascertain details required in service to replace these assemblies refer to note at the beginning of the section.

ℰ Used with side mounted headlamps.

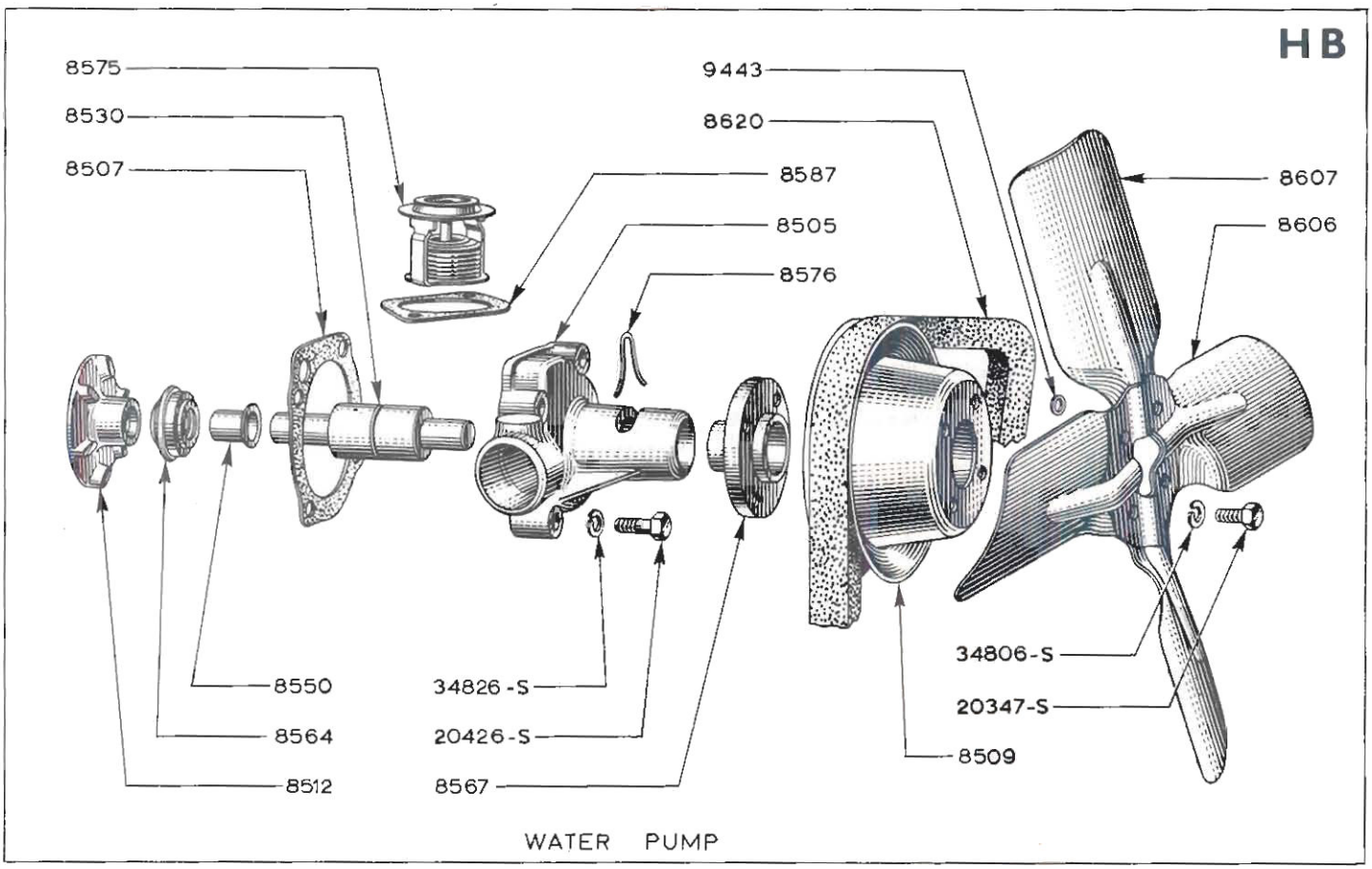
° Used with recessed headlamps.

COOLING SYSTEM—*continued*

RADIATOR—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.	P	D	V
	BE —8287-B	Clamp (hose)	5	1/55/55/6		2	2	2	–
	E9IA —8287	Clip (radiator hose) assy.	3	52/56/12		4	4	4	4
HA	E1ADKN–8287	Clip (radiator hose)	2	12/56/		4	4	4	4
	IIA —8287	Clamp (air cleaner to carburettor pipe hose)		52/57/4	See "Air Cleaner"	1	–	1	
HA	E1ADKN–8333	Hose (radiator filler)	35	6/55/		1	1	1	
	E1ADKN–8475-A	Shutter (radiator) assy.		52/57/3		1	1	1	
	27068-S7	Screw (shutter to radiator side member)		52/57/3		8	8	8	
	34079-S7/8	Nut		52/57/3		8	8	8	
	34803-S7/8	Lockwasher		52/57/3		8	8	8	
	E4-MA-9	Lever (radiator shutter control)		52/57/3		1	1	1	
	20551-S2	Bolt (lever to fuel tank front support)		52/57/3		1	1	1	
	34447-ES2B	Nut		52/57/3		1	1	1	
	44731-S2	Washer		52/57/3		1	1	1	
	E1ADKN-19243	Spring (control lever)		52/57/3		1	1	1	
	E1ADKN–8486	Rod (radiator shutter operating) assy.		52/57/3		1	1	1	
	73877-S7/8	Clevis pin		52/57/3		2	2	2	
	72003-S7/8	Split pin		52/57/3		2	2	2	
	E1ADKN-88490	Support (operating rod)		52/57/3		1	1	1	
	E1ADKN–8487-A	Pad (radiator shutter control lever friction)		52/57/3		1	1	1	
	E1ADKN–8487-A	Pad (throttle and governor control lever friction)		52/54	See "Throttle Control"	1	1	1	
NB	E1ADKN–8487-B	Pad (throttle and governor control lever friction)		54/	See "Throttle Control"	1	1	1	
	E1ADKN–8487-B	Pad (pre-set linkage control lever friction)		3/55/60/11	See H.P.L.	1	1	1	
	E1ADDN–8A651-A	Extension - Fan Shroud R. H. (Part of Kit E2001-T-9)		52/	Domestic only	1	1	1	
	E1ADDN–8N651-A	Extension - Fan Shroud L. H. (Part of Kit E2001-T-9)		52/	Domestic only	1	1	1	

BLADE # E1ADKN-8600-B Rplcd by E1ADKN-8607-A



WATER PUMP

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

COOLING SYSTEM—*continued*

P D V

WATER PUMP AND THERMOSTAT

	E1ADKN–8501-A	Pump (water) assy.	3	52/57/4		1 1 1
	E1ADKN–8501-B	Pump (water) assy.	3	4/57/		1 1 –
	†E1ADKN–8501-C	Pump (water) assy.		52/		1 1 1
HB	20426-S2	Screw (pump to cylinder block)		52/59/11		4 4 4
HB	20426-S2	Screw (pump to cylinder block)		11/59/		3 3 3
	20466-S2	Screw (pump to cylinder block)		11/59/		1 1 1
HB	34826-S7	Lockwasher		52/		4 4 4
	E1ADKN–8505-A	Housing (water pump)		52/57/4		1 1 1
HB/DD	E1ADKN–8505-B	Housing (water pump)		4/57/		1 1 –
	E1ADKN–8507-A	Gasket (water pump to cylinder block)	30	52/57/4		1 1 1
HB	E1ADKN–8507-B	Gasket (water pump to cylinder block)	20	4/57/		1 1 –
HB	E1ADKN–8509-C	Pulley (water pump) assy.	2	9/54/	With narrow fan belt	1 1 1
HB	†E1ADKN–8509-D	Pulley (water pump) assy.		52/		1 1 1

† Use with Power Assisted Steering.

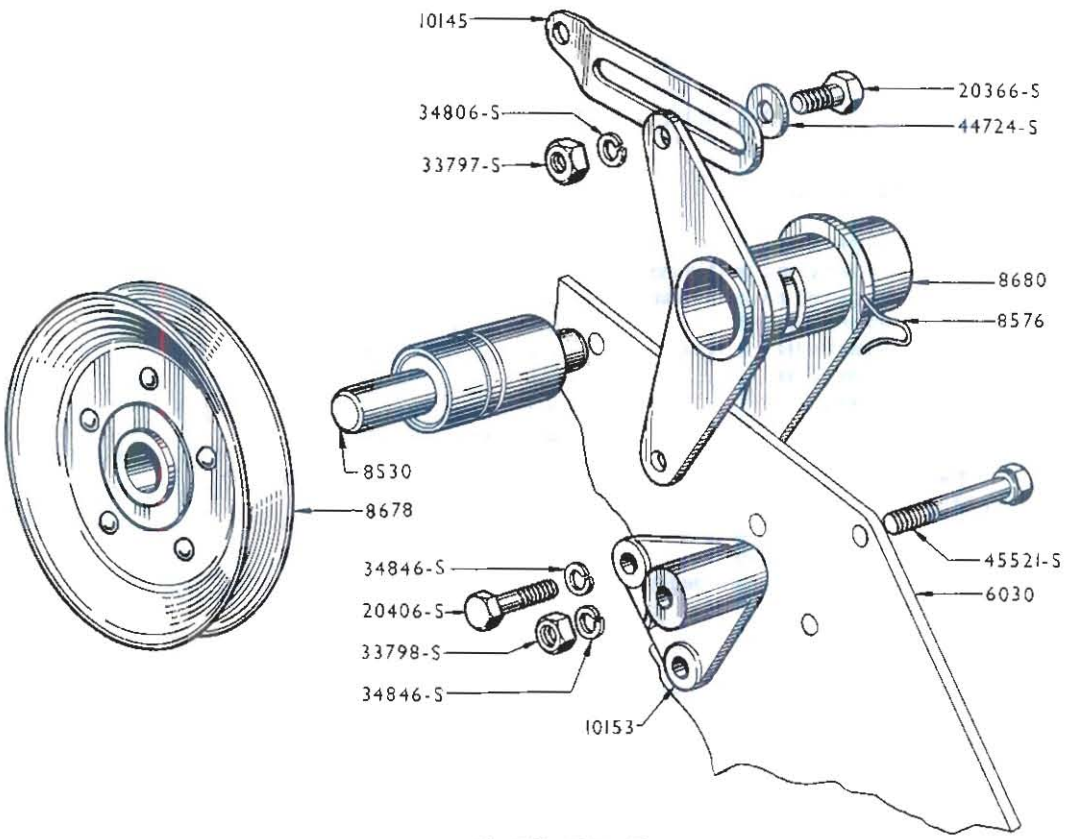
COOLING SYSTEM—*continued*

WATER PUMP AND THERMOSTAT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
HB	E1ADKN–8512	Impeller (water pump)	20	52/		1	1	1
HB	E1ADKN–8530	Shaft (water pump) and bearing assy.	3	52/		1	1	1
HC	E1ADKN–8530	Shaft (idler pulley) and bearing assy.		▲		–	1	–
HB	100E –8550	Slinger (water pump shaft)	5	52/		1	1	1
	*E1ADDN–8564	Greaser (clutch release bearing)		12/61/		–	1	–
HB	E1ADKN–8564	Seal (water pump) assy.	15	52/		1	1	1
HB	E1ADKN–8567-B	Hub (water pump pulley)		52/		1	1	1
DD	♦†E1ADKN–8567-C	Hub (water pump pulley)		52/		1	1	1
	116E–8575	Thermostat (water) assy. USE RT-C	10	52/57/4	Repl. E0TA-8575-B	1	1	1
HB	204E –8575	Thermostat (water) assy.	10	4/57/		1	1	–
	E9-CJ-9	Shim (thermostat to cylinder head)		5/57/		1	1	1
HB	E1ADKN–8576	Retainer (water pump bearing)	10	52/		1	1	1
HB	E1ADKN–8576	Retainer (idler pulley bearing)		▲		–	1	–
HB	E1ADKN–8587	Gasket (cylinder head water outlet connection)	60	52/		1	1	1
	E1ADKN–8591	Kit (water pump repair)	25	52/		1	1	1

* Use with 12" and 13" Clutch.
♦ Also part of E16/E17-WR-9
▲ Use with inertia starter, less electric lighting—Export when requested.
† Use with Power assisted steering

HC

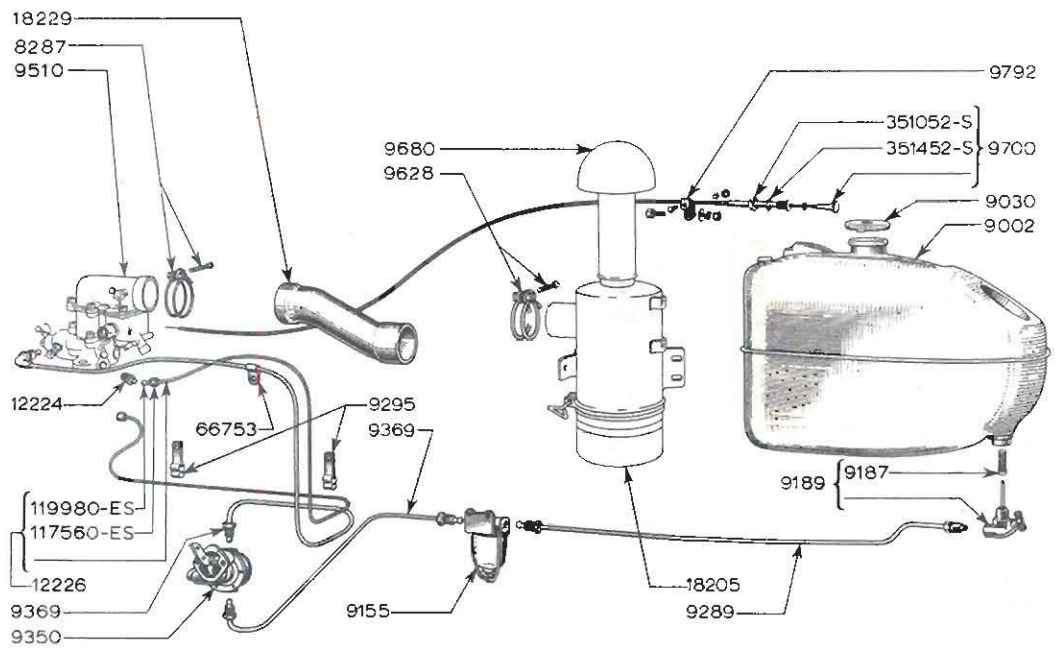


IDLER PULLEY

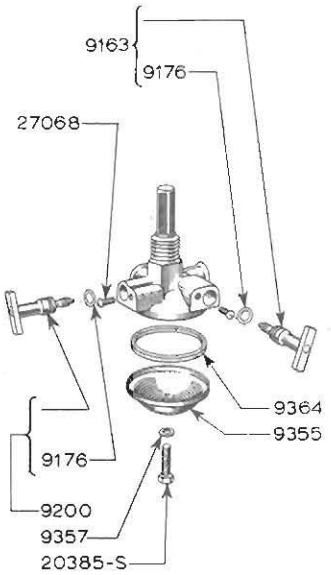
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.	P	D	V
		COOLING SYSTEM—*continued*							
		FAN AND FAN BELT							
HB	#508E –8606	Blade (fan)—outer	*10*	52/		1	1	–
	E1ADDN–8606	Blade (fan)—17" dia.		8/58/	Tropical	–	1	–
HB	E1ADDN–8607	Blade (fan)	*5*	52/	Use with 2-blade 15" dia. fan	–	1	–
HB	#508E –8607	Blade (fan)—inner	*10*	52/		1	1	–
HB	E1ADDN–8607-B	Blade (fan)—17" dia.	*3*	8/58/	Use with 4-blade 17" dia. Tropical fan	–	1	–
HB	Y-9443	Washer (fan blade to water pump hub bolt)		3/58/		4	4	–
FA/HB	20347-S7/8	Screw (fan to water pump hub)		52/		4	4	4
	♦†304702-S36	Bolt (fan to water pump pulley)		52/		4	4	4
FA/HB	34806-S36	Lockwasher		52/		4	4	4
	E1ADKN–8620-B	Belt (fan)	*15*	52/54/9		1	1	1
HB	♦ E1ADKN–8620-C	Belt (fan)	*50*	9/54/	Narrow	1	1	1
DD	E1ADKN–8620-C	Belt (fan)	*50*	52/		1	1	1
HB	E1ADDN–8620	Belt (fan)		9/54/	Premium Grade	1	1	1
HC	E1ADDN–8678	Pulley (fan belt) idler assy.		▲		–	1	–
HC	E1ADDN–8680	Bracket (fan belt idler pulley) assy.		▲		–	1	–
HC	E1ADKN–8530	Shaft (idler pulley) and bearing assy.		▲		–	1	–
HC	E1ADKN–8576	Retainer (idler pulley bearing)		▲		–	1	–

These parts together replace 4 blade fan
† Use with Power Assisted Steering
♦ Also part of E16/E17-WR-9
▲ Use with inertia starter, less electric lighting - Export when requested.

JA

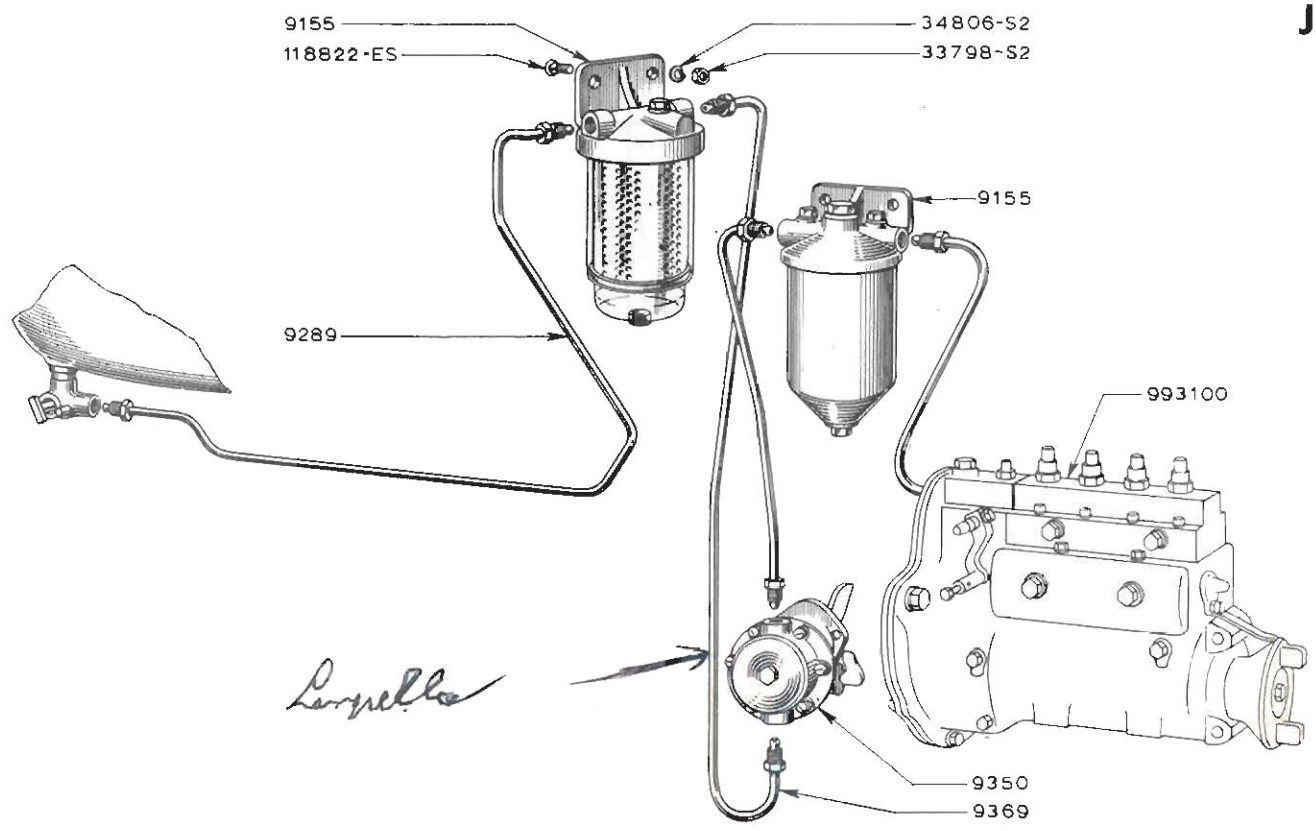


PETROL FUEL SYSTEM



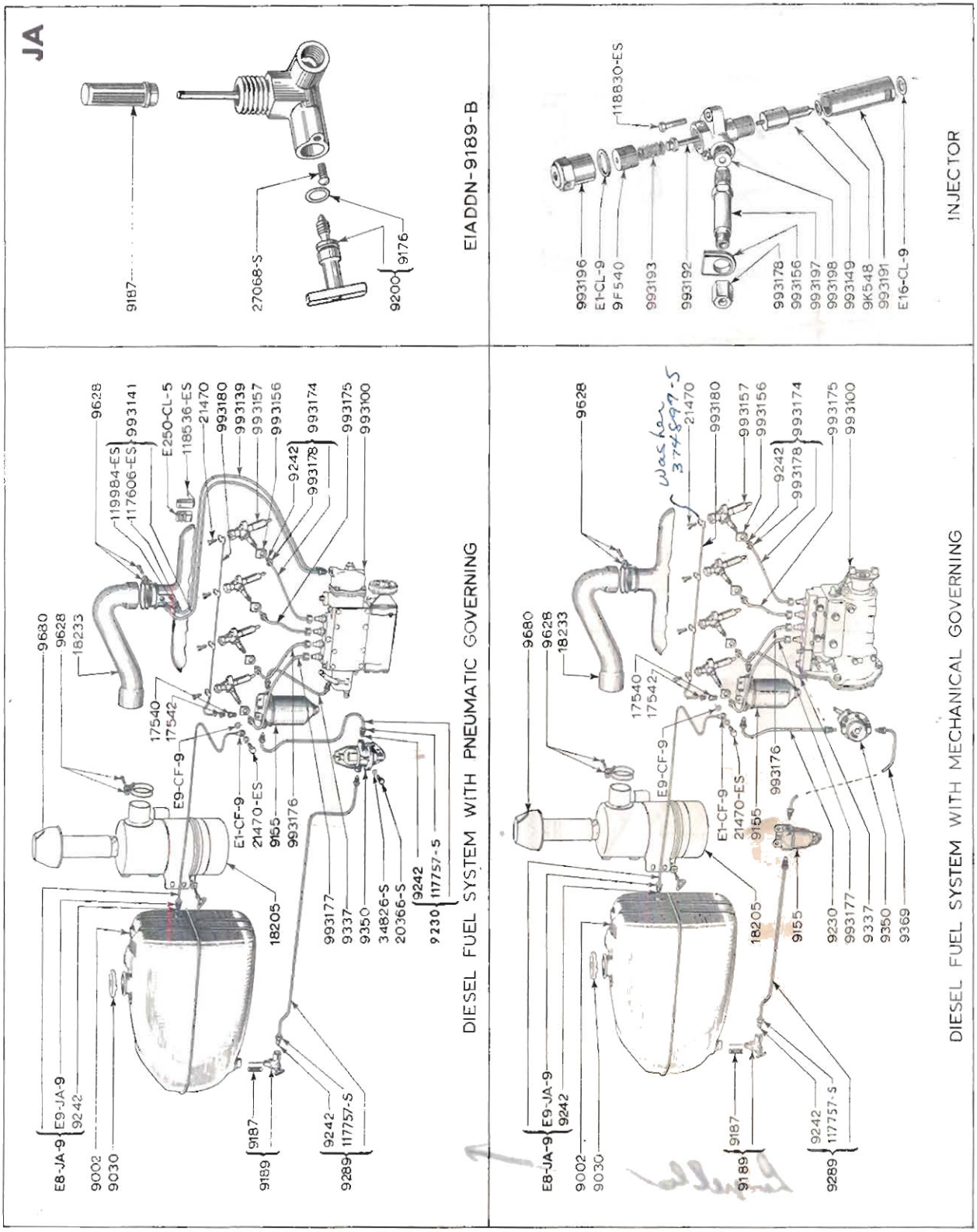
E1ADKN-9189-C

JA



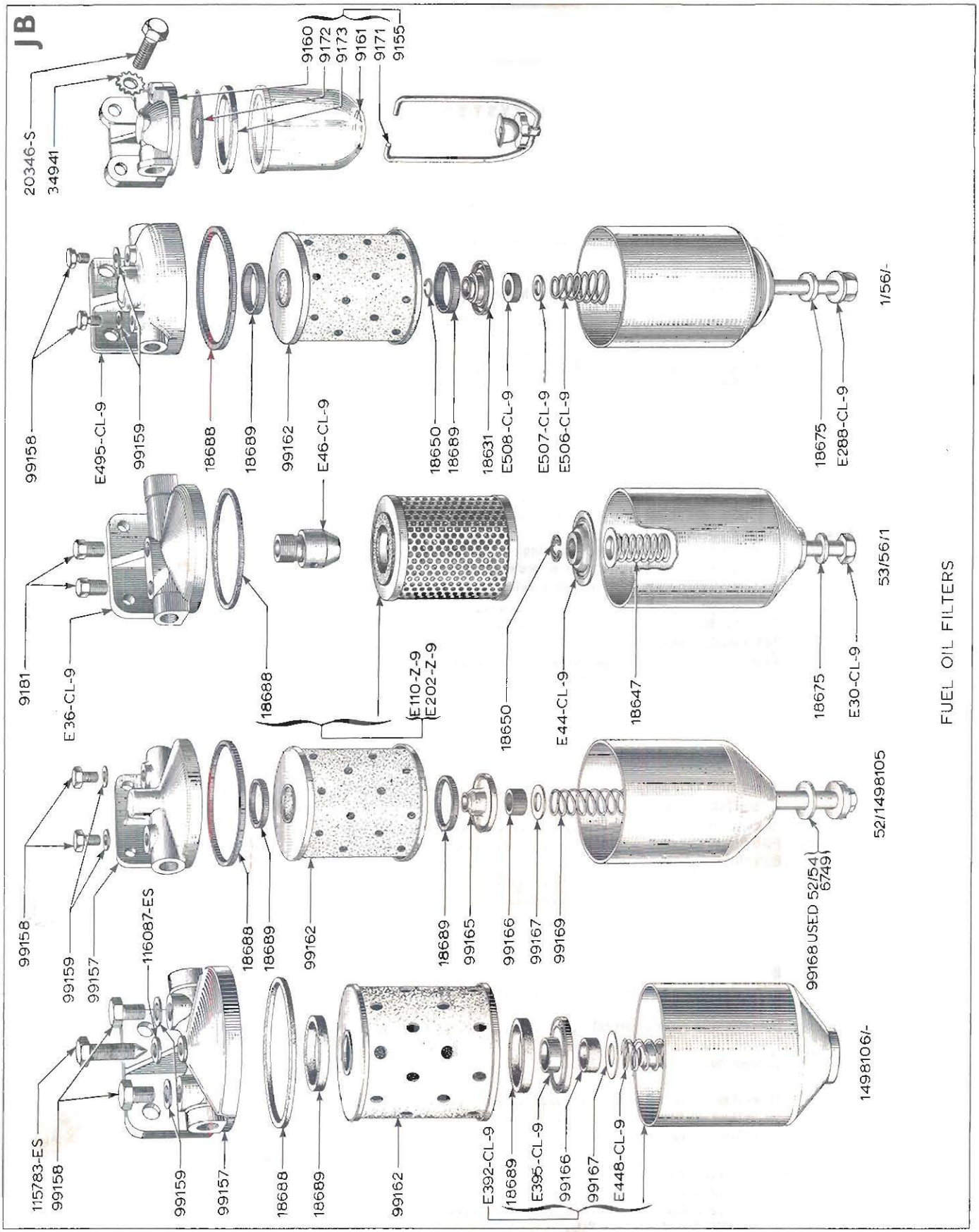
DUAL FUEL OIL FILTERS

See Page 219 for Description



Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
		FUEL SYSTEM				
		FUEL TANK				
JA	E1ADN –9002-B	Tank (fuel) assy.		8/58/		1 – –
	E1ADN –9002-C	Tank (fuel) assy.		52/58/8		1 – –
	E1ADDN–9002-C	Tank (fuel) assy.	3	52/58/8		– 1 –
JA	E1ADDN–9002-B	Tank (fuel) assy.	2	8/58/		– 1 –
	E1ADKN–9002-B	Tank (fuel) assy.		52/58/8		– – 1
	20431-S2	Bolt (fuel tank to primary gear change housing)		52/		2 2 2
	34111-S36	Nut		52/		2 2 2
	44731-S2	Washer		1/59/		2 2 –
	34808-S36	Lockwasher		52/		2 2 2
	118908-ES	Bolt (fuel tank to front support)		52/58/8		2 2 2
	359264-S8	Bolt (fuel tank to front support)		8/58/58/11		2 2 –
	20410-S2	Bolt (fuel tank to front support)		11/58/		2 2 –
	34671-S34	Nut		52/58/8		2 2 2
	44732-S2	Washer		52/59/1		2 2 2
	44731-S2	Washer		1/59/		4 4 –
	34808-S36	Lockwasher		52/		2 2 2
	E1ADKN–9020	Filter (fuel tank) assy.		52/	Accessory	1 1 1
JA	E1ADDN–9030	Cap (fuel tank filler)	25	52/		1 1 2
	E1ADDN–9055	Support (fuel tank)–front		52/		1 1 –
	20350-S	Screw (support to steering gear housing)		52/		2 2 2
	20370-S7/8	Screw (support to front transmission housing)		52/		1 1 1
	E1ADKN–7034	Bolt (support to front transmission housing)		52/	Breather bolt	1 1 1
	34808-S36	Lockwasher		52/		4 4 4
	E1ADDN–9066	Pad (fuel tank support)	5	52/		4 4 –
	E1ADDN–9066	Pad (radiator support)		8/62/	Part of E348/E350-Z-9	2 2 –
	373138-S100	Clamp (air cleaner inlet pipe) assy.		52/54	See "Air Cleaner"	1 1 1
	373138-S100	Clamp (primary air cleaner) assy.		52/54	See "Air Cleaner"	1 1 1
	E1ADKN–9130	Adaptor (auxiliary fuel tank outlet) assy.		52/		– – 1
		FUEL OIL FILTER				
	E1ADDN–9155-A	Filter (fuel Oil) Assy.	3	52/	Repl. E1ADDN-99163-A	– 1 –
	20388-S2	Screw (filter to cylinder head)		52/		– 2 –
	34807-S36	Lockwasher		52/		– 2 –
	E1ADDN–9155-C	Filter (fuel oil) assy.–primary		2/63/	Dual filters–When requested	– 1 –
	118822-ES7/8	Bolt (filter to heat baffle)		2/63/		– 2 –
	33798-S2	Nut		2/63/		– 2 –
	34806-S36	Washer		2/63/		– 2 –
	E1ADDN-9165	Cover (fuel filter)		2/63/	Part of E1ADDN-9155-C	– 1 –
	E1ADDN-9K274	Plug (fuel filter drain)		2/63/	Part of E1ADDN-9155-C	– 1 –
	E1ADDN–9C310	Ring (fuel filter cover retaining)		2/63/	Part of E1ADDN-9155-C	– 1 –
	20302-S7/8	Bolt (filter head air bleed)		2/63/	Part of E1ADDN-9155-C	– 1 –
JB	510E –9155-A	Filter (fuel oil)–primary		8/61/	Except when dual filters requested	1 1 –
JB	20346-S7/8	Bolt (filter to cylinder block)		8/61/	Except when dual filters requested	2 2 –
JB	34941-S7	Lockwasher		8/61/	Except when dual filters requested	2 2 –
	□E286-CL-9	Head (fuel oil filter) assy.		1/56/60/1		– 1 –
JB	□E495-CL-9	Head (fuel oil filter)		8/61/		– 1 –
JB	C5NN–9N024-A	Tap (fuel control) and screen assy.		52/	Replaces E1ADDN-9189-B	1 1 –

○ With A.C. type filter. □ With Tecalemit type filter.


JB
20346-S
34941
9160
9172
9173
9161
9171
9155
99158
E495-CL-9
99159
18688
18689
99162
E46-CL-9
18650
18689
18631
E508-CL-9
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E506-CL-9
18675
E288-CL-9
1/56/-
9181
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18688
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E202-Z-9
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53/56/1
99158
99159
99157
116087-ES
18688
18689
99162
18689
99165
99166
99167
99169
99168 USED 52/54 6749
52/1498105
115783-ES
99158
99159
99157
18688
18689
99162
E392-CL-9
18689
E395-CL-9
99166
99167
E448-CL-9
1498106/-
FUEL OIL FILTERS

FUEL SYSTEM — *continued*

FUEL OIL FILTER—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
JB	○E1ADDN-99157-C	Head (fuel oil filter)		2/59/	With three bolts	–	1	–
	E1ADDN-99157-D	Head (fuel oil filter)		2/63/	Part of E1ADDN-9155-C	–	1	–
JB	†EIADDN-99158-A	Screw (fuel oil filter air bleed)		52/54		–	2	–
JB	†EIADDN-99158-A	Screw (fuel oil filter shell)		52/54		–	1	–
JB	○EIADDN-99158-C	Screw (fuel oil filter air bleed)	3	52/		–	2	–
	□E1ADDN-99158-C	Screw (fuel oil filter air bleed)		1/60/		–	2	–
	□116141-ES	Gasket (fuel oil filter air bleed screw)		1/60/		–	2	–
JB	•EIADDN-9181	Screw (fuel oil filter air bleed)		53/56/1		–	2	–
JB	□EIADDN-99158-D	Screw (fuel oil filter air bleed)		1/56/		–	2	–
JB	†EIADDN-99159-A	Gasket (fuel oil filter air bleed screw)		52/54		–	2	–
JB	†EIADDN-99159-A	Gasket (fuel oil filter shell screw)		52/54		–	1	–
JB	○EIADDN-99159-C	Gasket (fuel oil filter air bleed screw)	3	52/		–	2	–
JB	□EIADDN-99159-D	Gasket (fuel oil filter air bleed screw)	3	1/56/60/1		–	2	–
	†EIADDN-99160-A	Gasket (fuel oil filter head)		52/54	Rubber	–	1	–
	•EIADKN-18688-A	Gasket (fuel oil filter head)	3	53/56/1		–	1	–
	○EIADKN-18688-B	Gasket (fuel oil filter head)	15	52/59/2	Rubber	–	1	–
JB	□EIADKN-18688-B	Gasket (fuel oil filter head)		1/56/		–	1	–
JB	EIADDN-18688-A	Gasket (fuel oil filter head)		••		–	1	–
	EIADDN-18688-B	Gasket (fuel oil filter head)		2/63/	Part of EIADDN-9155-C	–	1	–
	†EIADDN-99161-A	Gasket (fuel oil filter element)		52/54		–	1	–
JB	○EIADKN-18689-A	Gasket (fuel oil filter element)	2	52/59/2		–	2	–
JB	○EIADKN-18689-B	Gasket (fuel oil filter element)	2	2/59/	Use with filter having three holes in head	–	1	–
JB	□EIADKN-18689-C	Gasket (fuel oil filter element)	2	1/56/60/1		–	1	–
JB	□E1ADKN-18689-C	Gasket (fuel oil filter element)		1/607		–	2	–
JB	□E1ADDN-99162-B	Kit (fuel oil filter) assy	100	1/56/	Except United States	–	1	–
	EIADDN-99162-C	Kit (fuel oil filter element)		2/63/	Part of EIADDN-9155-C	–	1	–
	EPN-99162-A	Kit (fuel oil filter element)		52/63/2		–	1	–
JB	†E110-Z-9	Kit (fuel oil filter)		52/54	Optional	–	1	–
JB	•E110-Z-9	Kit (fuel oil filter)		53/56/1	Optional	–	1	–
KB	†E202-Z-9	Kit (fuel oil filter)		52/54	Optional	–	1	–
JB	•E202-Z-9	Kit (fuel oil filter)		53/56/1	Optional	–	1	–
JB	○E392-CL-9	Shell (fuel oil filter) assy.		2/59/	Use with filter having three holes in head	–	1	–
	□E287-CL-9	Shell (fuel oil filter)		1/56/60/1		–	1	–
JB	□EIADKN-18631-C	Retainer (fuel oil filter element)		1/56/60/1		–	1	–
JB	□EIADDN-18631	Retainer (fuel oil filter element)		1/60/		–	1	–
JB	†EIADDN-99165-A	Retainer (fuel oil filter centre spindle seal)		52/54		–	1	–
JB	○EIADDN-99165-B	Retainer (fuel oil filter element bottom gasket)		52/59/2		–	1	–
JB	†EIADDN-99166-A	Seal (fuel oil filter centre spindle)		52/54	Rubber	–	1	–
JB	••○EIADDN-99166-B	Seal (fuel oil filter centre bolt)		52/	Rubber	–	1	–
	⍁○E512-CL-9	Gasket (fuel oil filter centre bolt)		52/		–	1	–
	⍁○116276-ES7/8	Washer (fuel oil filter centre bolt gasket)		52/		–	1	–
	□E36-CF-9	Seal (fuel oil filter centre bolt)		1/56/60/1		–	1	–
JB	□E508-CL-9	Seal (fuel oil filter centre bolt)		1/60/		–	1	–
	□E35-CF-9	Washer (fuel oil filter centre bolt seal)		1/56/60/1		–	1	–
JB	□E507-CL-9	Washer (fuel oil filter centre bolt seal)		1/60/		–	1	–
JB	†EIADDN-99168-A	Gasket (fuel oil filter centre bolt)		52/54	Steel	–	1	–
JB	○EIADDN-99168-B	Gasket (fuel oil filter centre bolt)		52/54		–	1	–
JB	•EIADKN-18675-A	Gasket (fuel oil filter centre bolt)		53/56/1		–	1	–
	○E515-CL-9	Shell (fuel oil filter)		2/59/	Replaces E498-CL-9	–	1	–
	E560-CL-5	Retainer - Fuel Oil Filter Element		2-63/	Part of E1ADDN-9155-C	–	1	–

▲When using to replace E392-CL-9 Shell supply also (1) E395-CL-9 Retainer, (1) E488-CL-9 Spring (1) EIADKN-18689-B Gasket. (1) EIADDN-99167 Washer, (1) E512-CL-9 Gasket and (1) 116276-ES7/8 Washer

⍁ These parts together replace previous type retainer used 2/59 and/or sealing washer used 52/

•• Replaced by (1) E512-CL-9 and (1) 116276-ES7/8

• Use with Fram type filter ○ Use with A.C. type filter □ Use with Tecalemit † Use with Purolator type filter.

•• Detail of E202-Z-9

FUEL SYSTEM — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	FUEL OIL FILTER—*continued*							
JB	□E1ADKN-18675-B	Gasket (fuel oil filter centre bolt)	2	1/56/		–	1	–
JB	○100E-6749	Gasket (fuel oil filter centre bolt)		54/59/2		–	1	–
JB	• E44-CL-9	Grommet (fuel oil filter)		53/56/1		–	1	–
JB	† E1ADDN-99169-A	Spring (fuel oil filter element retaining)		52/54		–	1	–
JB	○E488-CL-9	Spring (fuel oil filter element retaining)		2/59/	Use with filter having three holes in head	–	1	–
	○• E1ADDN-6889	Spring (fuel oil filter element retaining)		52/59/2		–	1	–
JB	• E1ADKN-18647-A	Spring (fuel oil filter) and washer assy.		53/56/1		–	1	–
JB	□E40-CF-9	Spring (fuel oil filter centre bolt)		1/56/60/1		–	1	–
	□E506-CL-9	Spring (fuel oil filter centre bolt)		1/60/		–	1	–
JB	• E46-CL-9	Bush (fuel oil filter connection)		53/56/1		–	1	–
JB	† E1ADDN-99170-A	Bolt (fuel oil filter centre)		52/54	Internal thread	–	1	–
JB	○E1ADDN-99170-B	Bolt (fuel oil filter centre) assy.		52/54		–	1	–
JB	○115783-ES8	Bolt (fuel oil filter shell to head)		2/59/	Use with filter having three holes in head	–	1	–
JB	○116087-ES	Washer		2/59/	Use with filter having three holes in head	–	1	–
JB	• E30-CL-9	Bolt (fuel oil filter centre)		53/56/1		–	1	–
JB	□E288-CL-9	Bolt (fuel oil filter centre)		1/56/60/1		–	1	–
	□E1ADDN-6741-C	Bolt (fuel oil filter centre) assy.		1/60/		–	1	–
JB	*E1ADKN-18650-A	Circlip (fuel oil filter centre bolt)		53/56/1	Except U.S.	–	1	–
JB	□E1ADKN-18650-B	Circlip (fuel oil filter centre bolt)		1/56/60/1		–	1	–
	□E0TA-6896-B	Circlip (fuel oil filter centre bolt)		1/60/		–	1	–
	† E1ADDN-99173	Seal (fuel oil filter centre bolt to filter head)		52/54		–	1	–
	FUEL CONTROL TAP							
JB	510E –9160	Body (primary fuel oil filter)		8/61/		1	1	–
JB	N –9161	Bowl (primary fuel oil filter sediment)		8/61/		1	1	–
	E188-JA-9	Retainer (fuel control tap valve)		8/62/		1	1	–
	27068-S7	Screw (valve retaining)		52/57/4		–	–	1
	E1ADDN–9165	Cover (fuel filter)		2/63/	Part of E1ADDN-9155-C	–	1	–
JB	E27N –9171-B	Clamp (primary fuel oil filter sediment bowl) and screw assy.		8/61/		1	1	–
JB	E27N –9172	Screen (primary fuel oil filter sediment bowl)		8/61/		1	1	–
JB	N –9173	Gasket (primary fuel oil filter sediment bowl to body)		8/61/		1	1	–
	E45-JA-9	Ring (fuel valve seal)—large		11/59/	Part of E1ADDN-9189-B	1	1	–
	E46-JA-9	Spring (fuel valve control)		11/59/	Part of E1ADDN-9189-B	1	1	–
JB	E27N –9176	Ring (valve seal)	5	52/	Rubber	1	1	1
	E1ADDN–9181	Screw (fuel oil filter air bleed)		53/56/1	See "Fuel Oil Filter"	–	2	–
JE	E27N –9185	Valve (carburettor drain) assy.		52/57/4	See "Carburettor"	–	–	1
	E1ADDN–9187	Screen (fuel control tap)	2	9/58/59/11		1	1	–
JB	957E –9187	Screen (fuel control tap)		11/59/		1	1	–
JB	C5NN–9N024-A	Tap (fuel control) and screen assy.		52/	Replaces E1ADDN-9189-B	1	1	–
JB	E1ADKN–9189-C	Tap (fuel control) and screen assy.	10	52/57/4		–	–	1
	E1ADDN–9200-B	Valve (fuel control tap) and seal assy.		52/	Repl. E1ADDN-9200-A & E27N-9163-C	1	1	1
JB	27068-S7	Screw (valve retaining)		52/		1	1	1
	C5NN–9N200-A	Valve (fuel control tap) and seal assy.		11/59/	Part of E1ADDN-9189-B	1	1	–
JB	78E-9355-B	Cover (fuel two-way control tap)		52/57/4		–	–	1
JB	20385-S2	Bolt (fuel two-way control tap cover)		52/57/4		–	–	1
	BE-9357	Washer (fuel two-way control tap cover bolt)		52/57/4		–	–	1
JB	68-9364	Gasket (fuel two-way control tap cover)	5	52/57/4		–	–	1

• With Fram type filter. ○ With A.C. type filter. □ With Tecalemit type filter. † With Purolator type filter.

FUEL SYSTEM—*continued*

PIPELINES AND OIL PRESSURE GAUGE

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADDN–9230-B	Pipe (fuel pump to fuel oil filter) assy.	5	52/61/8	Use less Exhauster	–	1	–
JB	E1ADDN–9230-D	Pipe (fuel pump to fuel oil filter) assy.		8/61/	Use less exhauster	–	1	–
	502E–9230	Pipe (fuel pump to fuel oil filter) assy.	2	54/61/2	Use with exhauster	–	1	–
JA	530E –9230-A	Pipe (fuel pump to fuel oil filter) assy.		2/61/62/4	Use with Exhauster	–	1	–
JA	530E –9230-B	Pipe (fuel pump to fuel oil filter) assy.		4/62/	Use with exhauster	–	1	–
	954E –9230	Pipe (fuel pump to fuel oil filter) assy.		3/60/62/4	Use with E1ADDN-993101-D	–	1	–
	E1ADDN-9369-D	Pipe (fuel filter to lift pump) assy		2/63/	Export with Dual Filters less exhauster	–	1	–
	E1ADKN–9230	Pipe (auxiliary fuel tank) assy.		52/57/4		–	–	1
	ET6 –9232	Nut (auxiliary fuel tank to starter carburettor pipe)		52		–	–	1
	ET6 –9232	Nut (auxiliary fuel tank pipe)		52/57/4		–	–	1
	117757-S36	Nut (fuel pump to fuel oil filter pipe)		52/		–	2	–
JA	EB –9242-A	Ferrule (fuel pump to carburettor pipe)	40	52/		2	–	2
	EB –9242-A	Ferrule (fuel pump to fuel tap pipe)	40	52/		2	2	2
	EB –9242-A	Ferrule (auxiliary tank to starter carburettor pipe)	40	52		–	–	2
	EB –9242-A	Ferrule (auxiliary fuel tank to carburettor pipe)	40	52/57/4		–	–	2
	EB –9242-A	Ferrule (carburettor drain pipe)	40	52/57/4	See "Carburettor"	–	–	1
JA	EB –9242-A	Ferrule (fuel pump to fuel oil filter pipe)	40	52/		–	2	–
JA	EB –9242-A	Ferrule (fuel pump pipe to fuel control tap)	40	8/58/		2	2	–
	119987-ES	Ferrule (fuel oil filter to injection pump pipe)		52/		–	2	–
	E98T –9242	Ferrule (oil pressure gauge pipe)	3	52/		1	1	1
JA	E98T –9242	Ferrule (fuel return pipe)	3	54/		–	1	–
	E1ADDN–9242-B	Ferrule (fuel injection pump to injector pipes)	5	52/57/4		–	8	–
JA	E1ADDN–9242-D	Ferrule (fuel injector pump to injector pipes)	3	4/57/	Replaces DDN-9242-C	–	8	–
JA	117757-S36	Nut (fuel pump to carburetor pipe)	15	52/		2	–	2
JA	117757-S36	Nut (fuel pump to fuel tap pipe)	15	52/		2	2	2
	117757-S36	Nut (auxiliary tank to starter carburetor pipe)	15	52		–	–	1
	117757-S36	Nut (auxiliary fuel tank pipe)	15	52/57/4		–	–	1
	117757-S36	Nut (carburetor drain pipe)	15	52/57/4	See "Carburetor"	–	–	1
JA	117757-S36	Nut (fuel pump to fuel oil filter pipe)	15	52/		–	2	–
	117757-S36	Nut (fuel pump pipe to fuel control tap)	15	8/58/		2	2	–
	117757-S36	Nut (fuel oil filter to injection pump pipe)		52/		–	2	–
	E420-NE-9	Pipe (oil pressure gauge) assy.		▲		–	1	–
	117744-ES	Nut (oil pressure gauge pipe to shroud)		▲		–	1	–
	E1ADDN–9251	Pipe (oil pressure gauge) assy.		▲		–	1	–
	§E1ADKN–9251-B	Pipe (oil pressure gauge) assy.	5	52/57/4		1	1	1
	E1ADKN–9251-C	Pipe (oil pressure gauge) assy.	3	4/57/58/8		1	1	–
	21470-S	Bolt (oil pressure pipe to cylinder block adaptor)		53/58/8		1	1	1
	21470-S	Bolt (oil pressure pipe to cylinder block)		▲		–	1	–
	E1ADDN–993131	Connection (oil pressure pipe to cylinder block)–banjo	10	53/58/8	In E1ADKN–9251-B	1	1	1
	E1ADDN–993131	Connection (oil pressure pipe to cylinder block)–assy.		▲		–	1	–
	E9-CF-9	Washer (oil pressure pipe to cylinder block)–fibre		53/57/4		2	2	2
	E9-CF-9	Washer (oil pressure pipe to cylinder block)–fibre		▲		–	1	–
	E62A –9253	Nipple (oil pressure gauge pipe)		52/58/8		1	1	1
	E62A –9256	Nut (oil pressure gauge pipe to adaptor)		52/58/8		1	1	1
	E62A –9256	Nut (oil pressure pipe to cylinder block)		▲		–	1	–
	E62A –9257	Nut (oil pressure gauge pipe to gauge)		52/57/4		1	1	1
	E62A –9258	Washer (oil pressure gauge pipe to gauge)		52/57/4		1	1	1
	E1ADKN–9260	Clip (oil pressure gauge pipe to transmission housing)		52/57/4		1	1	1

▲Use with Inertia Starter –less electric lighting–Export when requested.

§ When replacing E1ADKN-9251-A fitted in production up to March, 1953, order also (1) 21470-S, (2) E9-CF-9 and (1) E1ADKN-9277-B.

FUEL SYSTEM—*continued*

PIPELINES AND OIL PRESSURE GAUGE—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADDN–9273	Gauge (oil pressure) assy.		▲		–	1	–
	E1ADKN–9273-B	Gauge (oil pressure) assy.	10	52/58/8		1	1	1
KA	E1ADKN–10861	Gasket (gauge to instrument box)		52/58/8		1	1	1
	26512-S2	Bolt (gauge to instrument box)		52/58/8		2	2	2
	E1ADDN–9K274	Plug (fuel filter drain)		2/63/		–	1	–
	34052-S7/8	Nut		52/58/8		2	2	2
	E1ADKN–9277-A	Adaptor (oil pressure gauge pipe to cylinder block)		52/53	Elbow	1	1	1
	E1ADKN–9277-B	Adaptor (oil pressure pipe to cylinder block)	10	53/58/8	Straight	1	1	1
	E1ADKN–9277-B	Adaptor (oil pressure pipes to cylinder block)		▲		–	1	–
	508E –9277	Adaptor (oil pressure switch engine unit)	2	8/58/58/11		1	1	–
	100E –9278	Switch (oil pressure warning light) assy.	5	8/58/58/11		1	1	–
	E1ADDN–9278	Switch (oil pressure warning light) assy.	10	11/58/		1	1	–
	996291-ES7/8	Nut (oil pressure warning light switch)		11/58/		1	1	–
	34825-S7/8	Lockwasher		11/58/		1	1	–
	E1ADDN–9282	Pipe (Fuel Control Tap to Fuel Pump) Assy		8/61/	Except with dual filters Replaces E1ADDN-9289-C	–	1	–
JA	E1ADDN–9298-A	Pipe (fuel control tap to fuel pump) Assy.		54/62/4		–	1	–
	E1ADDN–9289-A	Pipe (fuel control tap to fuel pump) assy.		3/60/62/4	Use with E1ADDN-993101-D	–	1	–
JA	E1ADDN–9289-B	Pipe (fuel pump to fuel control tap) assy.	10	8/58/		1	–	–
	E1ADDN–9289-B	Pipe (fuel pump to fuel control tap) assy.	10	52/61/8	Use less Exhauster	–	1	–
	E1ADDN–9289-B	Pipe (fuel pump to fuel control tap) assy.	10	52/		–	–	1
	E1ADDN–9289-D	Pipe (fuel control tap to primary fuel oil filter) assy		2/53/	Export with dual filters	–	1	–
	31614-S2	Screw (clip clamping)		52/		–	–	1
	E1ADKN–9295-B	Clip (fuel and vacuum pipes to push rod cover)		8/61/		2	–	–
	E1ADKN–9295-C	Clip (fuel and vacuum pipes to push rod cover)		52/61/8		2	2	2
	E1ADN–66753	Clip (fuel and vacuum pipes to cylinder head)		52/		1	–	–
	E1ADKN–66753-B	Clip (fuel and vacuum pipe to cylinder head)		52/57/4		–	–	1
	E1ADKN–9296	Clip (fuel and vacuum pipes adjacent to carburettor)		52		–	–	1
	E1ADDN–9C310	Ring (fuel filter cover retaining)		2/63/		–	1	–
	E1ADDN–9337-A	Pipe (fuel oil filter to injection pump) assy.		52/53		–	1	–
JA	E1ADDN–9337-B	Pipe (fuel oil filter to injection pump) assy.	5	53/		–	1	–
	954E –9337	Pipe (fuel oil filter to injection pump)		3/60/	Use with E1ADDN-993101-D	–	1	–
	117757-S36	Nut		53/		–	2	–
	119987-ES	Ferrule		53/		–	2	–
	E1ADKN–99189-B	Pipe (fuel pump to fuel control tap) assy.		52/57/4		–	–	1
	E1ADDN–99193-A	Pipe (fuel return)		52		–	1	–
	E1ADDN–99193-B	Pipe (fuel return)		52/53		–	1	–
JA	E1ADDN–9337-C	Pipe (fuel oil filter to injection pump)		8/61/		–	1	–
	B-17542-A	Nut (fuel return pipe)	3	52/54	1 only used 1953/54	–	2	–
	E9-JA-9	Nut		54/		–	1	–
JA	E8-JA-9	Pipe (fuel return) assy.		53/		–	1	–
JA	E98T –9242	Ferrule	3	54/		–	1	–
	E1ADDN–993131	Connection (fuel return pipe banjo)	10	53/		–	1	–
JA	21470-S	Screw (banjo connection to cylinder head)		53/		–	1	–
JA	E9-CF-9	Washer		53/		–	2	–

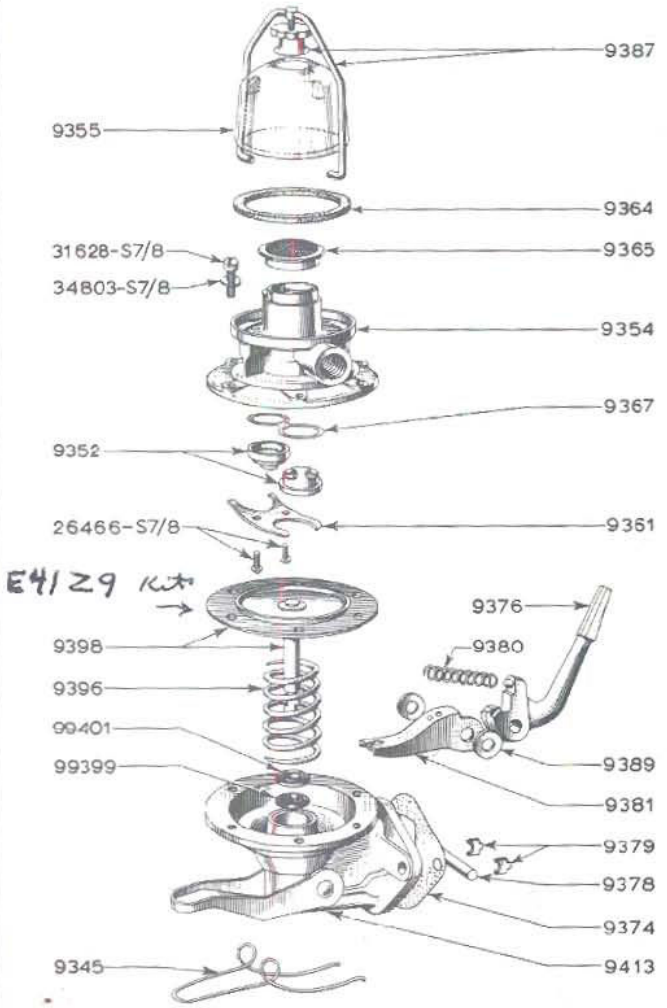
▲ Use with Inertia Starter - less electric lighting-Export when requested.

FUEL SYSTEM—*continued*

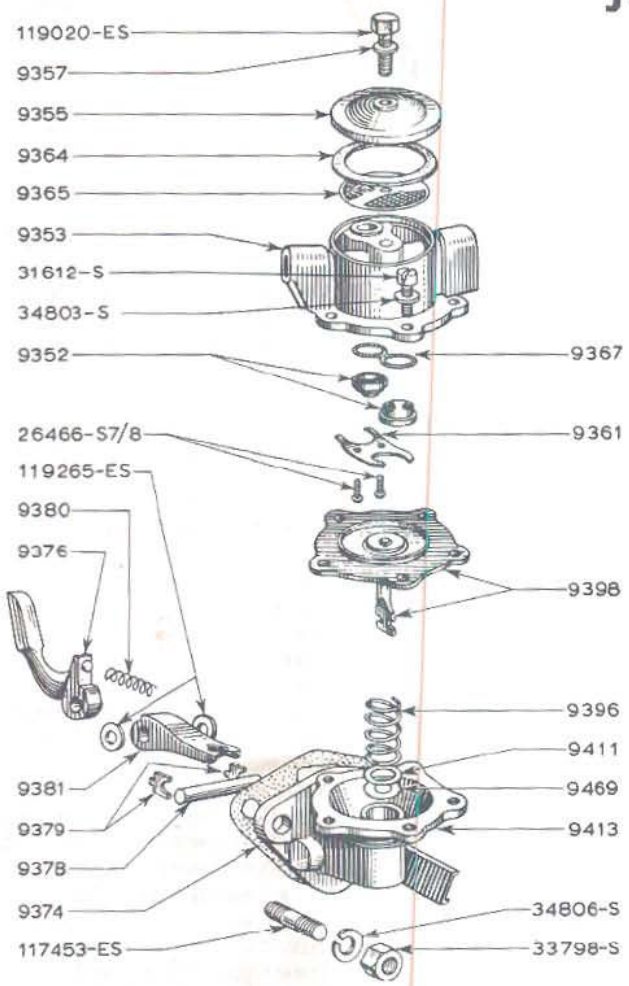
FUEL PUMP

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E04A –9345	Spring (fuel pump hand priming lever)		54/	Part of 502E-9350	–	1	–
JC	E1ADDN–9345	Spring (fuel pump priming lever		8/61/	Part of E1ADDN–9350	1	1	–
JC	E62A –9345	Spring (fuel pump hand priming lever)		52/61/8		1	1	1
	E1ADDN–9350	Pump (fuel) assy		8/61/	Use less Exhauster	1	1	–
	88363-S2	Stud fuel pump to cylinder block)		8/61/		2	2	–
	33798-S7/8	Nut		8/61/		2	2	–
	34826-S7	Lockwasher		8/61/		2	2	–
	E1ADKN–9350-B	Pump (fuel) assy.	5	52/61/8	Use less Exhauster	1	1	1
	20366-S8	Screw (fuel pump to cylinder block)		52/61/8		2	2	2
	34826-S7	Lockwasher		52/61/8		2	2	2
	E95-CL-9	Cover (fuel pump aperture)		54/	Use with Exhauster	–	1	–
	E95-CL-9	Cover (fuel pump aperture)		3/60/62/4	Use with E1ADDN 993101-D	–	1	–
	590E –9350	Pump (fuel) assy.	2	54/62/4	Use with Exhauster	–	1	–
	590E –9350	Pump (fuel) assy		3/60/62/4	Use with E1ADDN–993101-D	–	1	–
JC	117453-ES	Stud (fuel pump to injection pump cambox)		54/		–	2	–
JC	34806-S36	Nut		54/		–	2	–
JC	34806-S36	Lockwasher		54/		–	2	–
	510E –9350	Pump (fuel lift) assy		4/62/	Use with exhauster	–	1	–
	117453-ES	Stud (fuel pump to injection pump)		4/62/		–	2	–
	117600-ES7	Nut		4/62/		–	2	–
	34806-S36	Lockwasher		4/62/		–	2	–
JC	105E–9352	Valve (fuel pump) assy	10	52/		2	2	2
JC	E1ADDN–9353	Body (fuel pump) assy – outer		8/61/	Part of E1ADDN–9350	1	1	–
JC	E1ADDN–9353	Body (fuel pump) assy – outer		4/62/	Part of 510E-9350	–	1	–
JC	502E –9353-B	Body (fuel pump) assy.–upper		54/	Part of 502E-9350	–	1	–
JC	31612-S7/8	Screw (upper to lower body)		54/		–	5	–
JC	34803-S7	Lockwasher		54/		–	5	–
	105E-9351-A	Body (fuel pump lower)		52/61/8	Replaces 109E-9354	1	1	1
JC	31628-S7/8	Screw (upper to lower body)		52/61/8		6	6	6
JC	YE –9355	Cover (fuel pump screen)		54/62/4	Part of 502E-9350	–	1	–
JC	119020-ES7	Screw (screen cover)		54/		–	1	–
JC	E1ADDN–9355	Cover (fuel pump)		8/61/	Part of E1ADDN–9350	1	1	–
JC	E1ADDN–9355	Cover (fuel pump)		4/62/	Part of 510E-9350	–	1	–
JC	2701E–9A358-A	Pulsator (fuel pump)		4/62/	Part of 510E-9350	–	1	–
JC	2701E–9A358-A	Pulsator (fuel pump)		8/61/	Part of E1ADDN-9350	1	1	–
JC	20301-S2	Bolt (cover to body)		8/61/	Part of E1ADDN-9350	1	1	–
JC	20301-S2	Bolt (cover to body)		4/62/	Part of 510E-9350	–	1	–
JC	E1ADKN–9355	Bowl (fuel pump filter)	5	52/61/8		1	1	1
JA	78E –9355-B	Cover (fuel control tap)		52/57/4	See "Fuel Control Tap"	–	–	1
JB	78E –9355-B	Cover (fuel 2 way control tap)		52/57/4		–	–	1
JA	BE –9357	Washer (fuel control tap cover bolt)		52/57/4	See "Fuel Control Tap"	–	–	1
JA	BE –9357	Washer (A.C.R. fluid level adjusting screw)		52/	With A.C.R.	1	1	1
JC	BE –9357	Washer (fuel pump cover)		8/61/	Part of E1ADDN–9350			
JC	BE –9357	Washer (fuel pump cover)		4/62/	Part of 510E-9350	–	1	–
JC	YE –9357	Washer (screen cover screw)		54/62/4	Part of 502E-9350	–	2	–
	EB –9358	Valve (fuel pump)	3	54/62/4	Part of 502E-9350	–	2	–
	11A –9360	Spring (fuel pump valve)	3	54/62/4	Part of 502E-9350	–	2	–
JC	E11A –9361	Plate (fuel pump valve)		52/61/8		1	1	1
JC	E11A –9361	Plate (fuel pump valve)		54/	Part of 502E-9350	–	1	–
JC	26466-S7/8	Screw (plate to body)		52/		2	2	2
JC	YE –9364-B	Gasket (fuel pump screen cover)	30	54/62/4	Part of 502E-9350	–	1	–

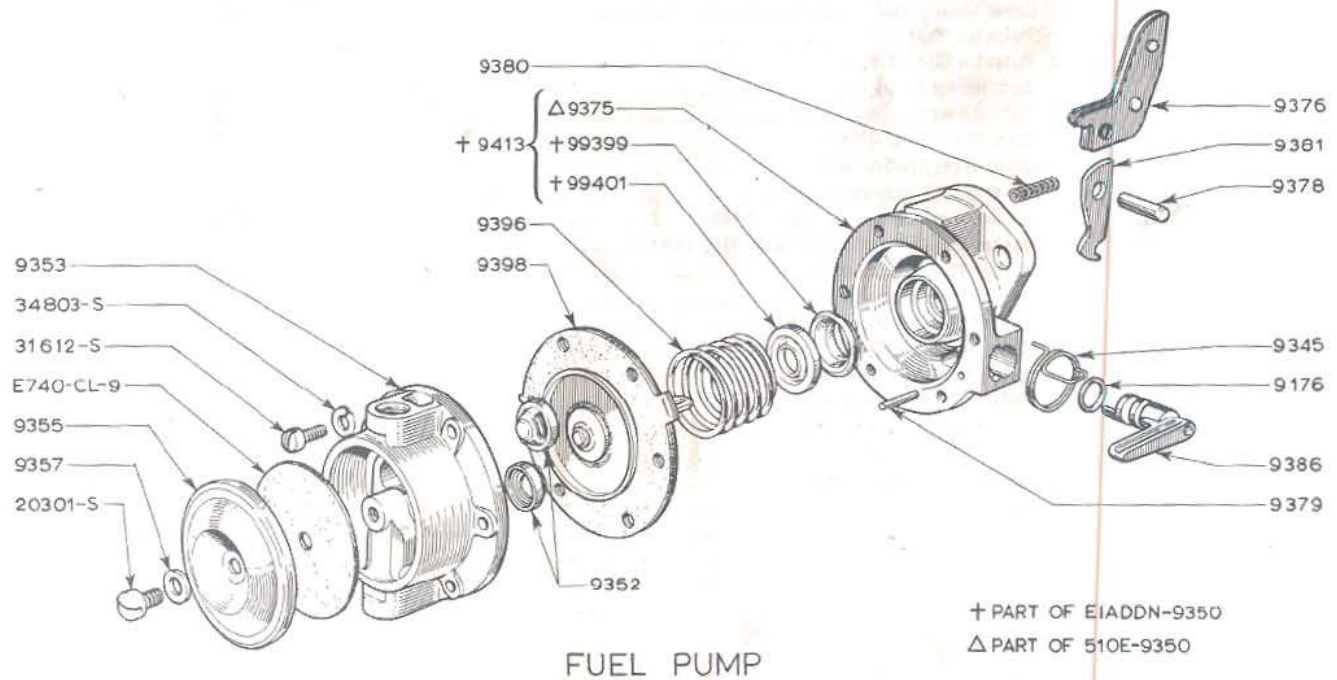
JC



FUEL PUMP-USED LESS EXHAUSTER
USED 52/61/8



FUEL PUMP-USED WITH EXHAUSTER
52/62/4



+ PART OF E1ADDN-9350
Δ PART OF 510E-9350

FUEL PUMP

FUEL SYSTEM—*continued*

FUEL PUMP—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
JC	E1ADKN–9364	Gasket (fuel pump filter bowl)	30	52/61/8		1	1	1
JA	68 –9364	Gasket (fuel control tap cover)	5	52/57/4	See "Fuel Control Tap"	–	–	1
JC	105E –9365	Screen (fuel pump) assy.	3	54/62/4		–	1	–
JC	E1ADKN–9365	Screen (fuel pump) assy.	3	52/61/8		1	1	1
JC	11A –9367	Gasket (fuel pump valve to body)	5	52/62/4		1	1	1
	E1ADN –9369-A	Pipe (fuel pump to carburettor) assy.		52/61/8		1	–	1
JA	E1ADN –9369-B	Pipe (fuel pump to carburettor) assy.		8/61/		1	–	–
JA	E1ADDN–9369-B	Pipe (fuel filter to fuel pump) assy.		8/61/		1	–	–
JA	E1ADDN–9369-B	Pipe (fuel filter to fuel pump) assy.		8/61/	Except with exhauster	–	1	–
JA	E1ADDN–9369-C	Pipe (fuel filter to fuel pump) assy.		4/62/	Use with Exhauster	–	1	–
	E1ADDN–9369-D	Pipe (fuel filter to lift pump) assy		2/63/	Use with twin filters	–	1	–
	E1ADKN–9369	Pipe (fuel pump to carburettor) assy.		52/		–	–	1
	E40 –9373	Screw (fuel pump valve retainer plate to body)		54/62/4	Part of 502E-9350	–	3	–
JC	Y–9374	Gasket (fuel pump to cambox)		54/62/4	Use w/502E-9350	–	1	–
	2700E–9374	Gasket - Fuel Pump to Cyl. Block		8/61/		1	1	–
		Fuel Pump to Injection Pump		4/62	Replaces DDN-9394	–	1	–
JC	E1ADKN–9374	Gasket (fuel pump to cylinder block)	20	52/61/8		1	1	1
JC	510E –9375	Body (fuel pump)–inner		4/62/	Part of 510E-9350	–	1	–
	502E –9376	Arm (fuel pump rocker)		54/59/4	Part of 502E-9350	–	1	–
JC	510E –9376	Arm (fuel pump rocker)		4/62/	Part of 510E-9350	–	1	–
JC	957E –9376	Arm (fuel pump rocker)		4/59/62/4	Part of 502E-9350	–	1	–
JC	E1ADKN–9376	Arm (fuel pump rocker)		52/62/4		1	1	1
JC	119265-ES7	Washer (fuel pump rocker arm)		54/		–	2	–
	YE –9378	Pin (fuel pump rocker arm)	3	54/59/4	Part of 502E-9350	–	1	–
JC	E1ADDN–9378	Pin (fuel pump rocker arm)		8/61/	Part of E1ADDN–9350	1	1	–
JC	E1ADDN–9378	Pin (fuel pump rocker arm)		4/62/	Part of 510E-9350	–	1	–
JC	E1ADKN–9378	Pin (fuel pump rocker arm)	3	4/59/62/4	Part of 502E-9350	–	1	–
JC	E1ADKN–9378	Pin (fuel pump rocker arm)		9/55/62/4		1	1	1
	78E –9378	Pin (fuel pump rocker arm)		52/55/9		1	1	1
JC	E1ADDN–9379	Pin (fuel pump rocker arm retaining)		8/61/	Part of E1ADDN–9350	1	1	–
JC	E1ADDN–9379	Pin (fuel pump rocker arm retaining)		4/62/	Part of 510E-9350	–	1	–
JC	E1ADKN–9379-B	Retainer (fuel pump rocker arm pin)	3	9/55/62/4		2	2	2
JC	YE –9379	Ring (rocker arm pin retaining)		54/62/4	Part of 502E-9350	–	2	–
JC	BE –9380	Spring (fuel pump rocker arm)	2	52/62/4		1	1	1
	YE –9380	Spring (fuel pump rocker arm)		54/62/4	Part of 502E-9350	–	1	–
JC	YE –9380	Spring (fuel pump rocker arm)		8/61/	Part of E1ADDN-9350	1	1	–
JC	YE –9380	Spring (fuel pump rocker arm)		4/62/	Part of 510E-9350	–	1	–
JC	YE –9380	Spring (fuel pump rocker arm)		54/62/4	Part of 502E-9350	–	1	–
JC	YE –9381	Link (fuel pump)	2	54/62/4	Part of 502E-9350	–	1	–
JC	2701E–9381-A	Link (fuel pump diaphragm operating)		8/61/	Part of E1ADDN-9350	1	1	–
JC	2701E–9381-A	Link (fuel pump diaphragm operating)		4/62/	Part of 510E-9350	–	1	–
JC	E93A –9381-B	Link (fuel pump) assy.		52/62/4		1	1	1
JC	E1ADDN–9386	Lever (fuel pump diaphragm operating)		8/61/	Part of E1ADDN-9350	1	1	–
JC	E1ADDN–9386	Lever (fuel pump diaphragm operating)		4/62/	Part of 510E-9350	–	1	–
JC	E1ADKN–9387-B	Clamp (fuel pump filter bowl) assy.		52/62/4		1	1	1
	E41-Z-9	Kit (fuel pump diaphragm and valve)		52/62/4		1	1	1
	E132-Z-1	Kit (fuel pump diaphragm and valve)		54/62/4	Use with 502E-9350	–	1	–
JC	78E –9389	Washer (fuel pump rocker arm)	2	52/62/4		2	2	2
JC	502E –9396	Spring (fuel pump diaphragm)		54/62/4	Part of 502E-9350	–	1	–
JC	E1ADDN–9396	Spring (fuel pump diaphragm)		52/	Replaces 78E-9396	1	1	1
JC	510E –9396	Spring (fuel pump diaphragm)		4/62/		–	1	–

FUEL SYSTEM—*continued*

FUEL PUMP—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	2400E–9398-A	Diaphragm (fuel pump) and pull rod assy		54/62/4	Repl. 590E-9398	–	1	–
JC	2701E–9398-A	Diaphragm (fuel pump & pull rod assy)		8-61/	Less Exhauster	1	1	–
		(Replaces E1ADDN-9398-A)		8-62	With Exhauster	–	1	–
JC	E93A –9398	**Diaphragm (fuel pump) and pull rod assy.**	5	52/62/4		1	1	1
	E93A –9403-B	**Retainer (fuel pump pull rod oil seal)**		52/55/9		1	1	1
	YE –9406-A	**Retainer (fuel pump inlet valve)**		54/62/4		–	1	–
JC	100E –9411	**Washer (fuel pump oil seal)—upper**		54/62/4		–	1	–
JC	100E-9469	**Washer (fuel pump oil seal)—lower**	3	54/62/4		–	1	–
	▲E04A –9413-C	**Body (lower) and hand priming lever assy.**		54/62/4	**Part of 502E-9350**	–	1	–
JC	E1ADDN–9413	**Body (fuel pump) assy.–inner**		8/61/	**Part of E1ADDN-9350**	1	1	–
JC	▲E1ADKN-9413	Body (fuel pump lower) and lever assy		9/55/62/4		1	1	1
JC	EOTA-99401	**Retainer (fuel pump pull rod oil seal)**	3	9/55/		1	1	1
JC	EOTA-99399-B	**Seal (fuel pump pull rod oil)**	10	9/55/		1	1	1
	E93A –9414	**Washer (fuel pump pull rod oil seal)**		52/		2	2	2
	E04A –9421	**Plate (fuel pump valve retainer)**		54/62/4	**Part of E1ADKN-9350, E1ADDN-9350 and 510E-9350**	–	1	–
	YE –9422	**Gasket (valve retainer plate)**		54/62/4	**Part of E1ADKN-9350 E1ADDN-9350 and 510E-9350**	–	1	–

▲When replacing earlier type body by E04A-9413-C, supply also (1) E1ADN-9378 Pin and (2) E1ADKN-9379-B Retainer

▲ When replacing earlier type body by DKN-9413, supply also (1) E1ADKN-9378 Pin and (2) E1ADKN-9379-B retainer.

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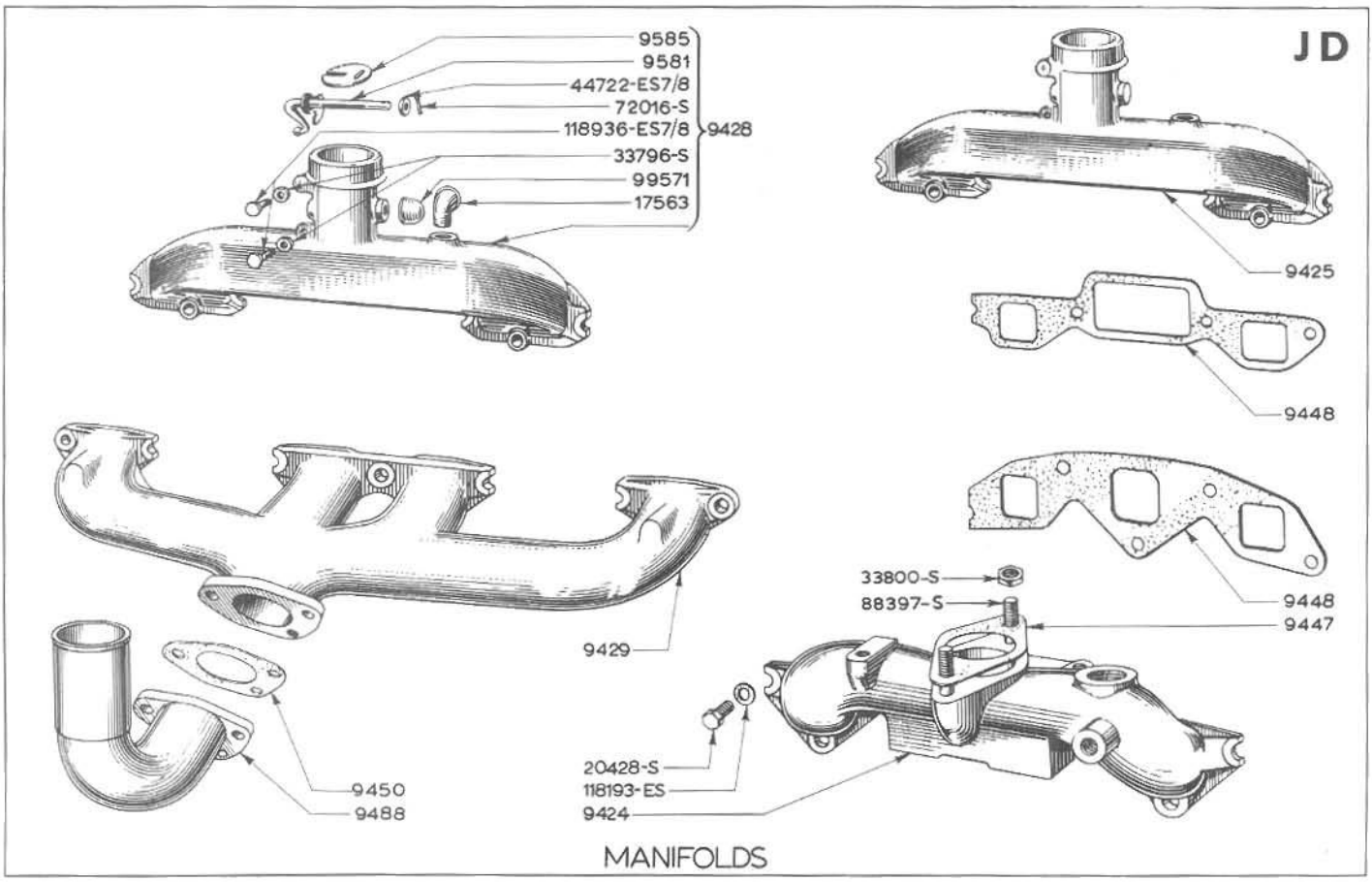


MANIFOLDS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

FUEL SYSTEM—*continued*

P D V

INLET AND EXHAUST MANIFOLDS

						P	D	V
	E1ADN –9424-A	Manifold (inlet) and stud assy.		52/57/4		1	–	–
JD	E1ADN –9424-B	Manifold (inlet) and stud assy.		4/57/		1	–	–
JD	88397-S	Stud (manifold to carburettor)		52/		2	–	–
JD	33800-S7/8	Nut		52/		2	–	–
	354545-S8	Screw (inlet manifold to exhaust manifold hot spot)		52/57/4		4	–	–
	354545-S8	Screw (inlet manifold to exhaust manifold hot spot)		4/57/		2	–	–
	34807-S7	Lockwasher		52/57/4		4	–	–
	34807-S7	Lockwasher		4/57/		2	–	–
	⊕‡ E1ADDN–9425-C	Manifold (inlet)		52/57/4		–	1	–
	117606-ES7/8	Nut		52/57/4		–	2	–
	119984-ES	Ferrule		52/57/4		–	2	–
	E1ADDN-99573	Bush (throttle plate spindle)		52/54		–	2	–
JD	E1ADDN-9581-B	Spindle (throttle plate) assy.		52/62/4		–	1	–
JD	E1ADDN-99571	Cap (throttle plate spindle dust)		52/62/4		–	1	–
JD	44722-ES7/8	Washer		52/62/4		–	1	–

⊕When replacing early type inlet manifold assy. order also E1ADDN-9585-B

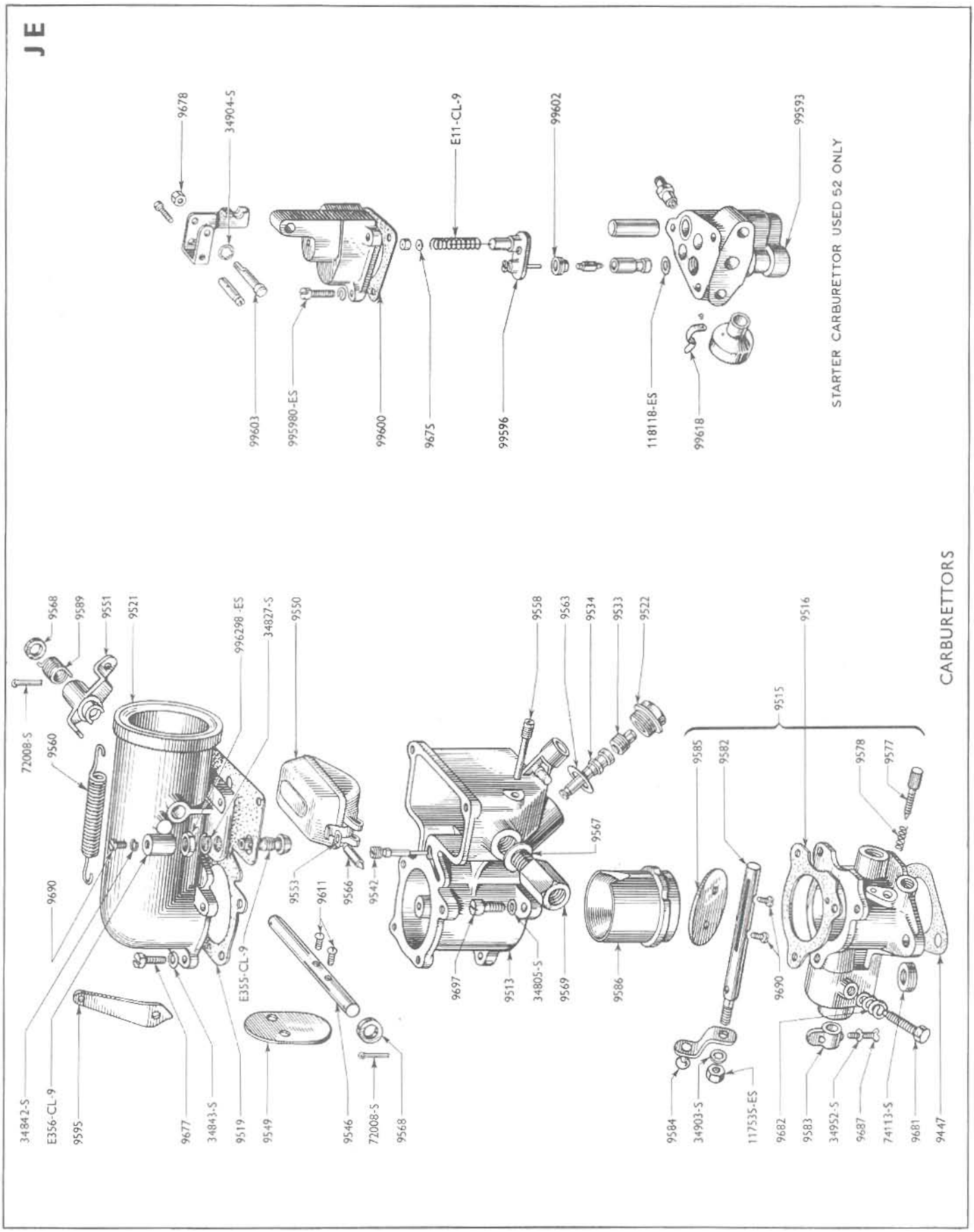
‡When replacing E1ADDN-9425-B with E1ADDN-9425-C supply also (2) 117606-ES7/8 nut, (2) 119984-ferrule

FUEL SYSTEM—*continued*

INLET AND EXHAUST MANIFOLDS—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
JD	72016-S	Split pin		52/62/4		–	1	–
	E1ADDN-9585-B	Plate (throttle)		52/62/4	Use with 44.45 mm bore manifold	–	1	–
JD	118936-ES7/8	Screw (slow running adjustment stop)		52/62/4		–	1	–
JD	118936-ES7/8	Screw (full throttle adjustment stop)		52/62/4		–	1	–
JD	33796-S7/8	Nut		52/62/4		–	2	–
JD	E1ADKN-17563	Adaptor (ventilation pipe to inlet manifold)		52/		–	1	–
	†E1ADKN–9425-C	Manifold (inlet and exhaust)	10	52/57/4	Use less starter carburettor	–	–	1
	†E1ADKN–9425-D	Manifold (inlet and exhaust)		52/	Use with starter carburettor	–	–	1
JD	954E –9425-C	Manifold (inlet)		4/62/		–	1	–
JD	954E –9425-C	Manifold (inlet)		3/60/62/4	Use with E1ADDN-993101-D	–	1	–
	20428-S2	Screw (manifold to cylinder head)		52/57/4		–	–	6
	118193-ES	Washer		52/57/4		–	–	6
	E1-CK-9	Stud (manifold locating)		53/57/4		–	–	1
	N –9426	Valve (manifold drain) assy.	5	52		–	–	1
JD	E1ADDN–9428-C	Manifold (inlet) and throttle control assy.		4/57/62/4	Except with E1ADDN-993101-D	–	1	–
	E1ADN –9429-A	Manifold (exhaust) and stud assy.	5	52/57/4		1	–	–
JD	E1ADN –9429-B	Manifold (exhaust) and stud assy.		4/57/		1	–	–
	E1ADDN–9429-A	Manifold (exhaust) and stud assy.	3	52/57/4		–	1	–
JD	2701E–9429	Manifold (exhaust) and stud assy	2	4/57/		–	1	–
	88412-S	Stud (manifold to silencer)		52/62/9	Horizontal exhaust	1	1	–
	88412-S	Stud (manifold to adaptor)		52/62/9	Vertical exhaust	1	1	–
	88422-ES	Stud (manifold to silencer)		9/62/	Horizontal exhaust	–	1	–
	88422-ES	Stud (manifold to adaptor)		9/62/	Vertical exhaust	–	1	–
	20428-S2	Screw (manifold to cylinder head)		52/57/4		7	7	–
JD	20428-S2	Screw (manifold to cylinder head)		4/57/		9	9	–
	118193-ES	Washer		52/57/4		7	7	–
JD	118193-ES	Washer		4/57/		9	9	–
	E1ADKN–9441-A	Gasket (inlet and exhaust manifold)—L.H.	60	52/57/4		–	–	1
FA/HB	Y –9443	Washer (fan blade to water pump hub bolt)		3/58/	Also part of E15/E16/E17/E18–WR-9	4	4	–
DD	Y –9443	Washer (power steering pump to mounting bracket)		52/		3	3	3
JD	E1ADKN–9447	Gasket (carburettor to manifold)	40	52/		1	–	1
	E1ADKN–9448-B	Gasket (inlet and exhaust manifold)—R.H.	60	52/57/4		–	–	1
	E1ADDN–9448-A	Gasket (inlet and exhaust manifold)	30	52/57/4	Optional with EM4G-14	–	2	–
JD	E1ADDN–9448-B	Gasket (inlet and exhaust manifold)	20	4/57/	Optional with EM4G-14	–	2	–
	E1ADN –9448-A	Gasket (inlet and exhaust manifold)	60	52/57/4	Optional with EM4G-14	2	–	–
JD	E1ADN –9448-B	Gasket (inlet and exhaust manifold)	60	4/57/	Optional with EM4G-14	2	–	–
	EM4G-14	Compound (inlet and exhaust manifold joint sealing)		52/	Optional with E1ADN/E1ADDN-9448	ar	ar	ar
JD/EG	E1ADKN–9450-B	Gasket (exhaust manifold to silencer)	100	52/		1	1	1
JC	100E –9469	Washer (fuel pump oil seal)—lower	3	54/62/4	See "Fuel Pump"	–	1	–
JD/EG	E1ADKN–9488	Adaptor (vertical silencer)	5	52/	Vertical exhaust	1	1	1
	20488-S7/8	Bolt (adaptor to exhaust manifold)		52/		2	2	–
	20488-S7/8	Bolt (adaptor to outlet adaptor)		52/57/4		–	–	2
	33799-S8	Nut		52/		2	2	2
	88397-S	Stud		52/		1	1	1
	33828-S	Nut (brass)		52/		1	1	1
	34807-S36	Lockwasher		52/		3	3	3
	E1ADKN–9494-B	Adaptor (manifold outlet) and stud assy.		52/57/4		–	–	1
	88397-S	Stud (outlet adaptor)		52/57/4		–	–	1
	20408-S7	Screw (outlet adaptor to manifold)		52/57/4		–	–	6
	34807-S36	Lockwasher		52/57/4		–	–	6
	E1ADKN–9501-B	Gasket (cover plate to manifold)		52/	See "Carb. Conversion Kits"	–	–	1

†When replacing Manifold assy. with drain valve, fitted in production up to February, 1953, order also E1ADKN-6723-C.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34904-S
E11-CL-9
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STARTER CARBURETTOR USED 52 ONLY
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995980-ES
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118118-ES
99618
CARBURETTORS
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996298-ES
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34903-S
117535-ES
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9583
34952-S
9687
74113-S
9681
9447

FUEL SYSTEM—*continued*

CARBURETTOR

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	U	V
	E1ADN –9510-A	Carburettor assy.		52/57/4		1	–	–
JA	E1ADN –9510-B	Carburettor assy.		4/57/		1	–	–
	E1ADKN–9510-B	Carburettor assy.		52/57/4	Use less starter carburettor	–	–	1
	953E –9510	Carburettor assy.		53/57/4	Zero Octane	–	–	1
JE	E1ADKN-9447	Gasket (carburettor to manifold)	40	52/		1	–	1
	N-20912	Screw (carburettor to manifold)		52/57/4		–	–	2
	88397-S	Stud (carburettor to manifold)		52/		2	–	–
	33800-S7/8	Nut		52/		2	–	–
	34827-S7	Lockwasher		52/		2	–	2
	E1ADN –9513-A	Body (carburettor main)		52/57/4		1	–	–
JE	E1ADN –9513-B	Body (carburettor main)		4/57/		1	–	–
	E1ADKN–9513-B	Body (carburettor main)		52/57/4	With E1ADKN-9510-B	–	–	1
JE	E27N-9185	Valve (carburettor drain) assy.		52/57/4	With E1ADKN-9510-B	–	–	1
	E1ADN –9515-A	Body (carburettor throttle), plate and lever assy.		52/57/4		1	–	–
JE	E1ADN –9515-B	Body (carburettor throttle), plate and lever assy.		4/57/		1	–	–
	E1ADKN–9515	Body (carburettor throttle), plate and lever assy.		52/57/4		–	–	1
	EOTA-12224	Adaptor (distributor vacuum pipe to carburettor)		52/	With coil ignition	1	–	1
	353052-ES	Plug (vacuum pipe adaptor hole)		52/	With magneto ignition	1	–	1
JE	N –9516	Gasket (carburettor throttle body)	50	52/		1	–	1
	N –9519	Gasket (carburettor upper body)	50	52/57/4		1	–	1
JE	E1ADN –9519	Gasket (carburettor upper body)		4/57/		1	–	–
	E1ADN –9521-A	Body (carburettor upper)		52/57/4		1	–	1
JE	E1ADN –9521-B	Body (carburettor upper)		4/57/		1	–	–
	996298-ES	Nut (carburettor float chamber ventilator)		4/57/		1	–	–
JE	34827-S7	Lockwasher		4/57/		1	–	–
JE	N-9690	Screw (ventilator cap to ventilator)		4/57/		1	–	–
JE	34842-S7/8	Washer		4/57/		1	–	–
	E1ADKN–9521	Body (carburettor upper)		52		–	–	1
JE	E1ADKN–9522-B	Plug (metering jet aperture)		52/		1	–	1
	N –9524	Nut (carburettor valve packing)		52		–	–	1
	N –9525-B	Valve (fuel adjusting needle)	5	52		–	–	1
	N –9529	Housing (fuel adjusting needle valve)		52		–	–	1
	N –9533-B	Jet (metering)–.055"		52/57/4		–	–	1
JE	E27N –9533	Jet (metering)–.047"		52/		1	–	–
	953E –9533	Jet (metering)–.055"		53/57/4	Zero Octane	–	–	1
	E1ADN –9534-A	Jet (carburettor main)		52/57/4		1	–	–
JE	E1ADN –9534-B	Jet (carburettor main)		4/57/		1	–	–
	E1ADKN–9534-B	Jet (carburettor main)		52/57/4		–	–	1
	N –9536	Packing (fuel adjusting needle valve)		52		–	–	1
JE	E1ADKN–9542-A	Tube (idle) assy.		52/		1	–	1
JE	N –9546-B	Shaft (carburettor air shutter) assy.		52/		1	–	1
JE	72008-S	Split pin		52/		2	–	2
JE	N –9549-C	Plate (carburettor air shutter)		52/		1	–	1

FUEL SYSTEM—*continued*

CARBURETTOR—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. P	Qty. D	Qty. V
JE	E1ADN –9551	Lever (carburettor air shutter) assy.		52/		1	–	1
	EOTA-99584-A	Screw (lever to control wire)		52/		1	–	1
JE	N –9553	Clip (carburettor float needle to arm)		52/		1	–	1
JE	N –9558	Pivot (carburettor float)		52/		1	–	1
JE	E1ADN –9560	Spring (carburettor air shutter return)		52/		1	–	1
JE	N –9563	Gasket (carburettor needle valve housing)		52/		1	–	1
JE	N –9566	Needle (carburettor float)	10	52/		1	–	1
JE	N –9567	Gasket (carburettor float needle seating)	15	52/		1	–	1
JE	N –9568	Collar (carburettor air shutter shaft)		52/		2	–	2
JE	E1ADKN–9569	Seating (carburettor float needle)	3	52/		1	–	1
JE	E1ADKN–9577	Needle (carburettor idle adjusting)	10	52/		1	–	1
JE	N –9578	Spring (carburettor idle adjusting needle)	2	52/		1	–	1
	E1ADDN–9581-B	Spindle (throttle plate) assy.		52/57/4	See "Manifold" Section	–	1	–
JD	E1ADDN–9581-C	Spindle (throttle plate) assy.		4/57/62/4		–	1	–
JE	N –9582-C	Shaft (carburettor throttle)		52/		1	–	1
JE	N –9583-B	Stop (carburettor throttle)		52/		1	–	1
JE	E1ADKN–9584	Lever (carburettor throttle) assy.		52/		1	–	1
JE	117535-ES	Nut (lever retaining)		52/		1	–	1
JE	34903-S7	Lockwasher		52/		1	–	1
JE	N –9585-B	Plate (carburettor throttle)		52/		1	–	1
JD	E1ADDN–9585-B	Plate (throttle)		52/62/4	See "Manifold" Section	–	1	–
JE	N –9586-B	Venturi (carburettor)		52/		1	–	1
JE	N –9589	Spring (carburettor air shutter)		52/		1	–	1
JE	74113-S	Plug (carburettor throttle stop)		52/		1	–	1
	E1ADKN–9591	Screw (carburettor throttle fixed stop)		52/		1	–	1
JE	E1ADN –9595	Bracket (carburettor air shutter return spring)		52/		1	–	1
JE	N –9611-C	Screw (carburettor air shutter plate)		52/		2	–	2
MC	E62A –9628-A	Clamp (air cleaner to carburettor pipe) assy.		52/57/4	See "Air Cleaner"	3	–	3
MC	E62A –9628-A	Clamp (air cleaner to manifold pipe) assy.		52/57/4	See "Air Cleaner"	–	3	–
MC	E62A –9628-A	Clamp (air cleaner to carburettor pipe hose) assy.		4/57/	See "Air Cleaner"	2	–	–
MC	E62A –9628-A	Clamp (air cleaner hose to air cleaner) assy.		4/57/57/9	See "Air Cleaner"	–	1	–
MC	510E –9628	Clamp (air cleaner to inlet manifold) assy.		9/57/59/11	See "Air Cleaner"	–	1	–
MC	COTT–8287-A	Clamp (air cleaner to manifold pipe) assy	3	4/57/57/9		–	1	–
MC	E1ADDN–9628-B	Clamp (air cleaner to manifold pipe) assy.	2	52/57/4	See "Air Cleaner"	–	1	–
MC	E1ADDN–9628-C	Clamp (air cleaner to inlet manifold)		11/59/		–	1	–
	EOTA –9628-C	Clamp (radiator filler hose)		6/55/56/12	See "Radiator"	2	2	2
	E39-MB-9	Clamp (radiator filler hose)		12/56/		1	1	1
GA	N –9642-A	Gasket (gear change plate plug)		52/	See "Gear Change"	1	1	1
	E1ADDN–9653	Clamp (air cleaner hose to air cleaner) assy.		9/57/		–	1	–
	E1ADKN–9670	Pipe (carburettor drain) assy.		52/57/4		–	–	1
	EB-9242	Ferrule (carburettor drain pipe)		52/57/4		–	–	1
	EB-9243-A	Nut (carburettor drain pipe)		52/57/4		–	–	1
	E1ADKN-88490	Support (carburettor drain pipe)		52/57/4		–	–	1
JE	YE –9675-B	Gland (starter carburettor mixture valve)		52/	See "Starter Carburettor"	–	–	1
JE	N –9677	Screw (carburettor upper to main body)		52/		6	–	6
JE	34843-S	Lockwasher		52/		6	–	6
JE	YE –9678	Nut (starter carburettor control lever spindle)		52/	See "Starter Carburettor"	–	–	1
	E1ADKN–9680-A	Cleaner (primary air) assy.		52/54/	See "Primary Air Cleaner"	1	1	1
MA	E1ADKN–9680-B	Cleaner (primary air) assy.	5	54/	With E1ADKN-18205-B	1	1	1
MA	E1ADKN–9680-D	Cleaner (primary air) assy.		4/57/	Short type	1	1	–
MA	E1ADKN–9680-E	Cleaner (primary air) assy.		4/57/	Long type—when requested	1	1	–

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

FUEL SYSTEM — *continued*

P D V

CARBURETTOR—*continued*

JE	N –9681	Screw (carburettor throttle adjusting)		52/		1 – 1
JE	N –9682	Spring (carburettor throttle adjusting screw)		52/		1 – 1
JE	N –9687	Screw (carburettor throttle stop)		52/		1 – 1
JE	34952-S7/8	Washer (shakeproof)		52/		1 – 1
JE	N –9690	Screw (carburettor throttle plate)		52/		2 – 2
JE	N –9690	Screw (ventilator cap to ventilator)		4/57/		1 – –
JE	N –9697	Screw (carburettor body main to throttle body)		52/		3 – 3
JE	34805-S7	Lockwasher		52/		3 – 3
	N –9698	Jet (carburettor air reducer)		52/		– – 1

STARTER CARBURETTOR

	EIADKN-99592	Carburettor (starter) assy.		52		– – 1
	EIADKN-99592	*Carburettor (starter) assy*		52	*Ports Ex Plan-Domestic only*	– – 1
	20504-S2	Screw (starter carburetor to manifold) - short		52		– – 1
	45526-S2	Screw (starter carburettor to manifold)—long		52		– – 1
	34806-S36	Lockwasher		52		– – 2
JE	EIADKN-99593	Body (starter carburettor) assy.		52		– – 1
JE	995980-ES7	Screw (cover to body)		52		– – 3
JE	EIADKN-99596	Valve (starter carburettor mixture) assy.		52		– – 1
JE	E11-CL-9	Spring (starter carburettor mixture valve)		52		– – 1
JE	YE-9675-B	Gland (starter carburettor mixture valve wire)		52	Brass	– – 1
JE	118118-ES	Washer (seat)		52	Aluminium	– – 1
JE	EIADKN-99602	Screw (starter carburettor needle and seat fixing)		52		– – 1
JE	YE-9678	Nut (starter carburettor control lever spindle)		52		– – 1
JE	34904-S2	Lockwasher		52		– – 1

CARBURETTOR CONVERSION KITS

	EIADKN-9501-B	Gasket (cover plate to manifold)		52/		– – 1
	20346-S7/8	Screw (cover plate to manifold)		52/		– – 2
	34806-S36	Lockwasher		52/		– – 2

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
		COMPLETE INJECTION PUMP *Used 52/62/4*				
	E1ADDN-993100-F	Pump (fuel injection) assy. complete with governor ...		52/62/4	Except U.S.	– 1 –
JA	**E1ADDN-993100-G**	**Pump (fuel injection) assy. – complete with governor ..**		**4/57/62/4**	**1800 R.P.M. industrial	– 1 –**
	E1ADDN-993100-FR	Pump (fuel inject.) assy-complete W/gov. -Rebuilt		52/62/4	U.S. only.....	– 1 –
	E1ADDN-993100-HR	Pump (fuel inject.) assy-complete W/gov-Rebuilt		4/62/	U.S. Only	– 1 –
	E1ADDN-993101-D	**Pump (fuel injection) assy. – complete with mechanical governor		3/60/62/4**	**"When requested"	– 1 –**
JA	**530E-993101**	**Pump (fuel injection) assy. – complete with governor ..**		**4/57/62/4**	**Use with exhauster	– 1 –**
	E1ADDN-993167-A	**Bracket (fuel injection pump mounting)		52/54**	**.....	– 1 –**
	530E-993167	**Bracket (fuel injection pump mounting)		54/62/4**	**.....	– 1 –**
	20388-S2	Screw (bracket to cylinder block).....		52/62/4	.....	– 4 –
	34942-S7	Lockwasher		52/62/4	.....	– 4 –
	20388-S2	**Screw (bracket to injection pump)		52/62/4**	**.....	– 4 –**
	34807-S36	Lockwasher.....		52/62/4	.....	– 4 –
		COMPLETE INJECTION PUMP *Used 4/62/-*				
JA	**E1ADDN-993101-E**	**Pump (fuel injection) assy-complete with mech. governor**		**4/62/**	**Use with exhauster 1,600 r.p.m	– 1 –**
JA	**E1ADDN-993100-H**	**Pump (fuel injection) assy. – complete with mechanical governor		4/62/**	**Except with exhauster – 1.600 R.P.M.	– 1 –**
JA	**E1ADDN-993100-J**	**Pump (fuel injection) assy. – complete with mechanical governor		4/62/**	**Except exhauster – 1.800 R.P.M. engine	– 1 –**
	359264-S8	Bolt (injection pump to cylinder block).....		4/62/	.....	– 1 –
	20524-S2	**Bolt (injection pump to cylinder block)		4/62/**	**.....	– 1 –**
	34808-S36	Lockwasher.....		4/62/	.....	– 2 –
	44730-S2	**Washer		4/62/**	**.....	– 2 –**
	20466-S2	**Bolt (injection pump to exhauster)		4/62/**	**.....	– 3 –**
	34806-S36	Lockwasher.....		4/62/	.....	– 3 –
JA	***592E-993101-C**	**Pump (fuel injector) assy. – complete		4/62/**	**1.800 R.P.M. engine. Max. speed stop and lever to be adjusted	– 1 –**
	E699-CL-5	**Bracket		4/62/**	**.....	– 1 –**
	20466-S2	**Bolt (fuel injection pump to support bracket)		4/62/**	**.....	– 3 –**
	20524-S2	**Bolt (fuel injection pump to cylinder block)		4/62/**	**.....	– 2 –**
	34806-S36	Lockwasher.....		4/62/	.....	– 3 –
	45540-S2	**Bolt (bracket to injection pump)		4/62/**	**.....	– 2 –**
	44726-S36	Washer.....		4/62/	.....	– 2 –
	E1ADDN-993167-A	**Bracket (injection pump mounting)		4/62/**	**.....	– 1 –**
	20388-S7	**Bolt (injection pump to cylinder block)		4/62/**	**.....	– 2 –**
	45540-S2	**Bolt (injection pump to cylinder block)		4/62/**	**.....	– 2 –**
	34807-S36	Lockwasher.....		4/62/	.....	– 4 –
	44726-S36	Washer.....		4/62/	.....	– 2 –
	20466-S2	**Bolt (injection pump to exhauster)		4/62/**	**.....	– 3 –**
	34806-S36	Lockwasher.....		4/62/	.....	– 3 –

§ When replacing pump fitted in production prior to 17th December, 1953, supply (1) E1ADDN-9337-B; (2) 117606-ES7/8 and (2) 119984-ES.
When replacing pump fitted from 17th December, 1953, to April 1954, supply (2) 117606-ES7/8 and (2) 119984-ES.
*For use with Exhauster supplied in production by F.M.C. Ltd.

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

INJECTION PUMP GOVERNOR AND SUCTION PIPES
Used 52/62/4

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	P	D	V	Qty. Req.
JF	E1ADDN-993102	Case (injection pump governor) and pin assy. — rear		52/62/4		–	1	–	
JF	♦592E-993102-B	Case (injection pump mechanical governor) — rear		3/60/62/4		–	1	–	
	20324-S2	Screw (rear case to pump)		52/62/4		–	2	–	
JF	34805-S7	Lockwasher		52/62/4		–	2	–	
JF	118780-ES2	Screw (rear case to pump)		54/62/4		–	4	–	
JF	118199-ES7	Washer (shakeproof)		54/62/4		–	4	–	
JF	E1ADDN-993104	Capsule (injection pump governor air filter)	5	52/62/4		–	1	–	
JF	88405-S	Stud (cap to governor rear case)		52/53		–	1	–	
JF	33796-S7/8	Nut		52/53		–	1	–	
JF	34805-S7	Lockwasher		52/53		–	1	–	
JF	†E1ADDN-993105-B	Cap (injection pump governor air filter)		53/62/4		–	1	–	
	88390-ES2	Stud (cap to governor rear case)		53/62/4		–	1	–	
	33921-S2	Nut (check)		53/62/4		–	2	–	
	E1ADDN-993106-A	Link (injection pump governor)		52/54		–	1	–	
	34441-ES7/8-A	Nut (link to pump control rod)		52/54		–	1	–	
JF	E1ADDN-993106-B	Link (injection pump governor)		54/62/4		–	1	–	
JF	118781-ES	Screw (link to control rod locking)		54/62/4		–	1	–	
JF	33921-S2	Nut		54/62/4		–	1	–	
	⊖E1ADDN-993108-B	Case (injection pump governor) — front		52/60/1		–	1	–	
JF	E1ADDN-993108-C	Case (injection pump governor) — front		1/60/62/4		–	1	–	
	♦592E-993108	Case (injection pump mechanical governor) — front		3/60/62/4		–	1	–	
JF	20364-S2	Screw (front to rear governor case)		52/62/4		–	4	–	
JF	34805-S7	Lockwasher		52/62/4		–	4	–	
	E1ADDN-993109	Guide (injection pump governor damping valve) assy.	5	52/57/4	Includes E1ADDN-993111	–	1	–	
	510E-993109	Guide (injection pump governor damping valve) assy.	5	4/57/62/4	Includes 510E-993111	–	1	–	
	117778-ES	Nut (guide adjusting)		52/62/4		–	1	–	
	E1ADDN-993111	Bush (injection pump governor damping valve guide)	5	52/57/4		–	1	–	
JF	510E-993111	Bush (injection pump governor damping valve guide)		4/57/62/4		–	1	–	
	#E1ADDN-993113-B	Valve (injection pump governor damping) assy.	10	52/57/4		–	1	–	
	510E-993113	Valve (injection pump governor damping) assy.	10	4/57/60/1		–	1	–	
JF	E1ADDN-993113-C	Valve (injection pump governor damping) assy.		4/57/62/4	Part of E197-Z-9	–	1	–	
	♦E1ADDN-993113-C	Valve (injection pump governor damping) assy.		8/60/62/4		–	1	–	
	E197-Z-9	Kit (governor pneumatic damping valve)		4/57/62/4		–	1	–	
	33798-S2	Nut		52/62/4		–	1	–	
JF	E1ADDN-993114-B	Plate (injection pump governor diaphragm) — large		52/62/4		–	1	–	
	•E1ADDN-993115-B	Diaphragm (injection pump governor)	25	52/62/4		–	1	–	
JF	E1ADDN-993116	Plate (injection pump governor diaphragm) — small		52/62/4		–	1	–	
JF	E1ADDN-993117	Guide (injection pump governor link)		52/62/4		–	1	–	
JF	E1ADDN-993118-B	Disc (injection pump governor diaphragm)		52/62/4		–	1	–	
JF	E1ADDN-993119	Ring (injection pump governor diaphragm spring)		52/62/4		–	1	–	
JF	510E-993120	Spring (injection pump governor diaphragm)	5	52/62/4		–	1	–	
	E1ADDN-993139-A	Pipe (injection pump governor suction) assy. — main		52/54		–	1	–	
	E1ADDN-993139-B	Pipe (injection pump governor suction) assy. — main		54/57/4		–	1	–	
JA	E1ADDN-993139-C	Pipe (injection pump governor suction) assy. — main		4/57/62/4		–	1	–	
	E1ADDN-993139-D	Pipe (injection pump governor suction) assy. — main		4/57/62/4	Part of E197-Z-9	–	1	–	
	E1ADDN-993139-D	Pipe (injection pump governor suction) assy. — main		1/60/62/4	Use with E1ADDN-993100-F/G	–	1	–	

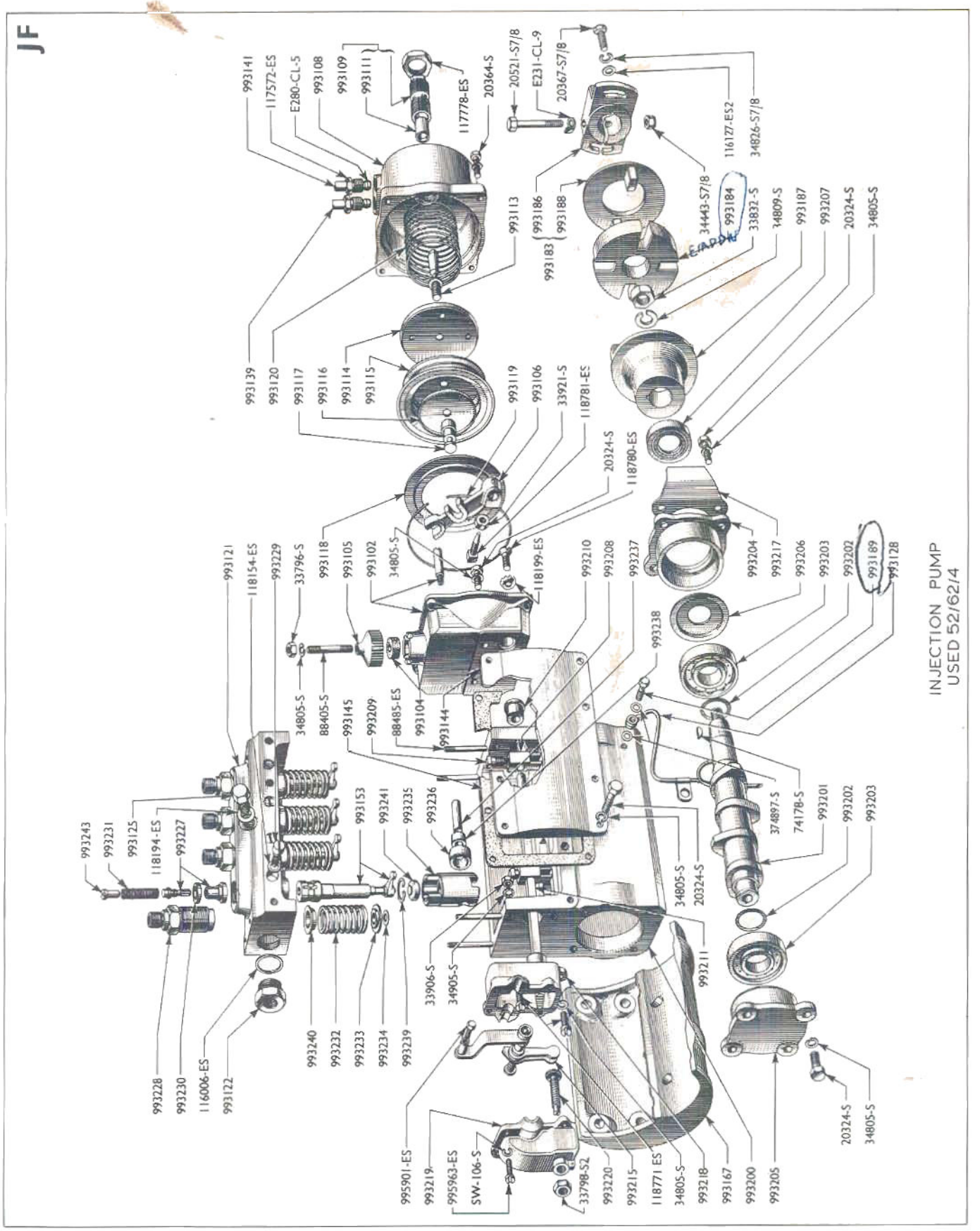
†When replacing earlier type cap use also (1) 88390-ES2 and (2) 33921-S2

♦ Use with E1ADDN-993101-D

⊖When replacing earlier type case use also (2) 117606-ES7/8 and (2) 119984-ES7/8

•When replacing earlier type diaphragm with E1ADDN-993115-B, order also 33798-S7

E1ADDN-993113-B used in conjunction with E1ADDN-993115-B and 33798-S7, replaces earlier type damping valve.


JF
993141
117572-ES
E280-CL-5
993108
993109
993111
117778-ES
20364-S
20521-S7/8
E231-CL-9
20367-S7/8
116127-ES2
34826-S7/8
993139
993120
993117
993116
993114
993115
993113
993186
993188
993183
34443-S7/8
993184
33832-S
34809-S
993187
993207
20324-S
34805-S
993119
993106
33921-S
118781-ES
20324-S
118780-ES
993204
993217
993206
993203
993202
993189
993128
993238
993237
993210
993208
993121
118154-ES
993229
33796-S
993118
993105
993102
34805-S
118199-ES
993145
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993239
33906-S
34905-S
993211
34805-S
20324-S
374897-S
74178-S
993201
993202
993203
993167
993200
993205
20324-S
34805-S
993243
993231
993125
118194-ES
993227
993228
993230
116006-ES
993122
995901-ES
993219
995963-ES
SW-106-S
33798-S2
993220
993215
118771 ES
34805-S
993218
INJECTION PUMP
USED 52/62/4

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

P D V

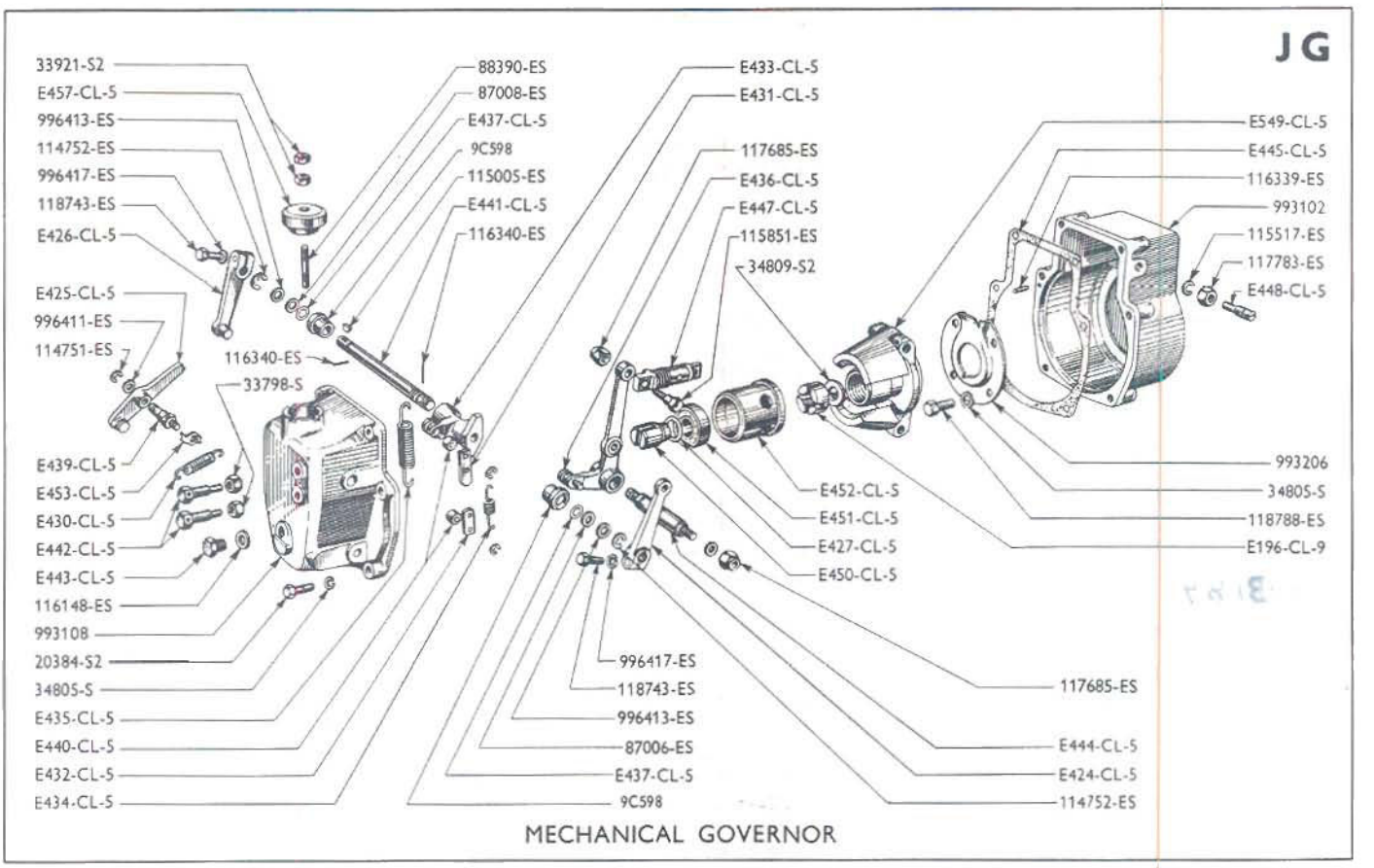
INJECTION PUMP GOVERNOR AND SUCTION PIPES—*continued*
Used 52/62/4.

	E1ADDN-993141-A	Pipe (injection pump governor suction) assy.—auxiliary		52/54		– 1 –
	E1ADDN-993141-B	Pipe (injection pump governor suction) assy.—auxiliary		54/57/4		– 1 –
JA	E1ADDN-993141-C	Pipe (injection pump governor suction) assy.—auxiliary		4/57/62/4		– 1 –
	117606-ES7/8	Nut		54/57/4		– 4 –
JA	117572-ES	Nut		4/57/62/4		– 4 –
	119984-ES	Ferrule		54/57/4		– 4 –
JF	E280-CL-5	Ferrule		4/57/62/4		– 4 –
	E1ADDN-993143	Clip (injection pump governor suction pipe)		52/54		– 1 –
	E62A-17441	Ferrule (injection pump governor suction pipe)	2	52/54		– 4 –
	E1ADKN-6722	Nut (injection pump governor suction pipe)	10	52/54		– 4 –

99B189

MECHANICAL GOVERNOR — (Used with E1ADDN-993101-D)

JG	592E-993102-B	Case (injection pump mechanical governor) – rear	3/60/62/4		– 1 –
JG	116339-ES	Pin (injection pump mechanical governor case)	3/60/62/4		– 1 –
JG	E443-CL-5	Plug (governor case oil level)	3/60/62/4		– 1 –
JG	116148-ES	Washer (governor case oil level plug)	3/60/62/4		– 1 –
JG	E457-CL-5	Cap (mechanical governor filter) assy.	3/60/62/4		– 1 –
JG	88390-ES2	Stud (governor filter cap to case)	3/60/62/4		– 1 –
JG	33921-S2	Nut	3/60/62/4		– 2 –
JG	20384-S2	Bolt (governor rear case to front case)	3/60/62/4		– 6 –
JG	34805-S	Lockwasher	3/60/62/4		– 6 –
JG	E445-CL-5	Gasket (governor rear case to front case)	3/60/62/4		– 1 –
JG	592E-993108	Case (injection pump mechanical governor) – front	3/60/62/4		– 1 –
JG	590E-993206-B	Baffle (governor front case to cambox)	3/60/62/4		– 1 –
JG	E449-CL-5	Gasket (governor front case to cambox)	3/60/62/4		– 1 –
JG	118788-ES2	Bolt (governor front case to cambox)	3/60/62/4		– 4 –
JG	34805-S	Lockwasher	3/60/62/4		– 4 –
JG	E549-CL-5	Hub (governor and weight) assy.	3/60/62/4		– 1 –
JG	E196-CL-9	Nut (governor hub to camshaft retaining)	3/60/62/4		– 1 –
JG	34809-ES	Lockwasher	3/60/62/4		– 1 –
JG	E441-CL-5	Shaft (governor control)	3/60/62/4		– 1 –
JG	E433-CL-5	Control (governor stop) and spring arm assy.	3/60/62/4		– 1 –
JG	116340-ES	Pin (governor stop control to control shaft)	3/60/62/4		– 1 –
JG	87008-ES	Seal (governor control lever shaft)	3/60/62/4		– 2 –
JG	996413-ES7	Washer	3/60/62/4		– 2 –
JH	CONN-9D521-A	Shim (governor control shaft)	3/60/62/4		– ar –
JG	114752-ES	Clip (governor control lever shaft)	3/60/62/4		– 2 –
JG	E426-CL-5	Lever (governor balance spring) assy.	3/60/62/4		– 1 –
JG	115005-ES	Key (governor balance spring lever to control shaft)	3/60/62/4		– 1 –
JG	118743-ES	Bolt (balance spring lever-clamping)	3/60/62/4		– 1 –
JG	994617-ES7	Washer	3/60/62/4		– 1 –
JG	E424-CL-5	Lever (governor control)	3/60/62/4		– 1 –
JG	118743-ES	Bolt (governor control lever clamping)	3/60/62/4		– 1 –
JG	996417-ES7	Washer	3/60/62/4		– 1 –
JG	E425-CL-5	Lever (governor balance spring control)	3/60/62/4		– 1 –
JG	E430-CL-5	Spring (governor balance)	3/60/62/4		– 1 –
JG	E439-CL-5	Stud (governor balance spring lever)	3/60/62/4		– 1 –
JG	CONN-9C598-B	Bush (governor control shaft)	3/60/62/4		– 1 –



MECHANICAL GOVERNOR

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

P D V

MECHANICAL GOVERNOR (Used with E1ADDN-993101-D) — *continued*

JG	E453-CL-5	Plate (governor balance spring lever locking)	3/60/62/4		– 1 –
JG	996411-ES	Washer	3/60/62/4		– 1 –
JG	114751-ES	Clip (governor balance spring lever retaining)	3/60/62/4		– 1 –
JG	E444-CL-5	Pin (governor crank lever fulcrum)	3/60/62/4		– 1 –
JG	117685-ES7/8	Nut (governor crank lever fulcrum retaining)	3/60/62/4		– 1 –
JG	E436-CL-5	Lever (governor crank) assy.	3/60/62/4		– 1 –
JG	87006-ES	Seal (governor crank lever)	3/60/62/4		– 1 –
JG	E432-CL-5	Link (governor secondary spring to crank lever)	3/60/62/4		– 1 –
JG	E431-CL-5	Link (governor spring to control lever)	3/60/62/4		– 1 –
JG	E440-CL-5	Spacer (governor spring link to crank lever)	3/60/62/4		– 1 –
JG	E440-CL-5	Spacer (governor spring link to control lever)	3/60/62/4		– 1 –
JG	E435-CL-5	Spring (governor) – secondary	3/60/62/4		– 1 –
JG	E434-CL-5	Spring (governor) – primary	3/60/62/4		– 1 –
JG	E442-CL-5	Screw (governor control and spring arm stop)	3/60/62/4		– 2 –
JG	33798-S2	Nut	3/60/62/4		– 2 –
JG	E450-CL-5	Fork (governor lever) assy.	3/60/62/4		– 1 –

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

P D V

MECHANICAL GOVERNOR (Used with E1ADDN-993101-D)

JG	E427-CL-5	Shim (governor lever fork to crank lever)		3/60/62/4		– ar –
JG	E451-CL-5	Bearing (governor lever fork)		3/60/62/4		– 1 –
JG	115851-ES	Bolt (governor telescopic link to lever)		3/60/62/4		– 1 –
JG	117685-ES7/8	Nut		3/60/62/4		– 1 –
JG	117796-ES	Nut (governor telescopic link to control rod)		3/60/62/4		– 1 –
JG	118105-ES7	Washer		3/60/62/4		– 1 –
JG	E452-CL-5	Sleeve (governor)		3/60/62/4		– 1 –
JG	E1ADDN-993144-E	Cover (injection pump inspection)		3/60/62/4		– 1 –
JG	592E-993201	Camshaft (injection pump)		3/60/62/4		– 1 –
JG	590E-993206-B	Baffle (governor front case to cambox)		3/60/62/4		– 1 –
JG	592E-993211	Rod (injection pump control) assy.		3/60/62/4		– 1 –
JG	E1ADDN-993215-D	Lever (injection pump stop and excess fuel) arm and catch assy.		3/60/62/4		– 1 –
JG	954E-993218-B	Case (injection pump fuel stop) – inner		3/60/62/4		– 1 –
JG	954E-993219-B	Case (injection pump fuel stop) – outer		3/60/62/4		– 1 –

INJECTION PUMP BODY
Used 52/62/4

JF	*E1ADDN-993121-B	Body (injection pump)		52/62/4		– 1 –
	♦E1ADDN-993121-B	Body (injection pump)		3/60/62/4		– 1 –
JF	E1ADDN-993122	Connection (injection pump fuel inlet)		52/62/4		– 1 –
JF	♦E1ADDN-993122	Connection (injection pump fuel inlet)		3/60/62/4		– 1 –
	116006-ES	Washer (connection to pump)		54/62/4		– 1 –
	E1ADDN-993123	Plug (injection pump body filter retaining)		52/54		– 1 –
	118383-ES	Washer (filter retaining plug)		52/54		– 1 –
JF	E1ADDN-993125	Screw (injection pump body air bleed)	10	52/62/4		– 1 –
	♦E1ADDN-993125	Screw (injection pump body air bleed)		3/60/62/4		– 1 –
JF	118194-ES	Washer (air bleed screw)		52/62/4		– 1 –
	♦118194-ES	Washer (air bleed screw)		3/60/62/4		– 1 –
	E1ADDN-993126	Filter (injection pump body) assy.		52/54		– 1 –
JF	E1ADDN-993128-C	Pipe (injection pump leak-off) assy.		52/62/4	See "Cambox" Section	– 1 –
	E1ADDN-993130	Clip (injection pump leak-off pipe to engine oil filter)		52/62/4	See "Cambox" Section	– 1 –
	E1ADDN-993131	Connection (oil pressure pipe to cylinder block) – banjo	10	6/56/		1 1 1
	E1ADDN-993131	Connection (fuel return pipe banjo)	10	6/56/		– 1 –
	E1ADDN-993139-A	Pipe (injection pump governor suction) assy. – main		52/54		– 1 –
	E1ADDN-993139-B	Pipe (injection pump governor suction) assy. – main		54/57/4		– 1 –
JA	E1ADDN-993139-C	Pipe (injection pump governor suction) assy. – main		4/57/62/4		– 1 –
	#590E-9E566-A	Link Assy - Injection Pump Governor		3-60/62-4		– 1 –
	#590E-9C595-A	Bushing - Injection Pump Governor		3-60/62-4		– 1 –
	# 112042-ES	Bolt 1/4 - 28 x 1 Hex Hd		3-60/62-4		– 1 –
	# 112349-ES	Washer - Governor Link		3-60/62-4		– 1 –
	# 114364-ES7	Nut 1/4 - 28 - Governor Link - Hex		3-60/62-4		– 1 –

♦Use with E1ADDN-993101-D

*When replacing earlier type body use also (1) E1ADDN-9337-B

#When replacing E447-CL-5 with 590E-9E566-A Link Assy also supply (1) 590E-9C595-A Bush (1) 112042-ES Bolt (1) 112349-ES Washer & (1) 114364-ES7 Nut.

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	P	D	V	Qty. Req.
		INJECTION PUMP BODY—*continued*							
		Used 52/62/4							
JA	E1ADDN-993139-D	Pipe (injection pump governor suction) assy. — main ...	4/57/62/4	Part of E197-Z-9		–	1	–
JA	E1ADDN-993139-D	Pipe (injection pump governor suction) assy. — main ...	1/60/62/4	Use with E1ADDN-993100-F/G		–	1	–
	E1ADDN-993141-A	Pipe (injection pump governor suction) assy. — auxiliary	52/54	.....		–	1	–
	E1ADDN-993141-B	Pipe (injection pump governor suction) assy. — auxiliary	54/57/4	.....		–	1	–
JA	E1ADDN-993141-C	Pipe (injection pump governor suction) assy. — auxiliary	4/57/62/4	.....		–	1	–
	118536-ES	Clip (injection pump governor suction pipe)	52/62/4	.....		–	1	–
	E250-CL-5	Bush (governor pipe clip)	4/57/62/4	.....		–	1	–
	20302-S2	Bolt (pipe clip to cylinder head)	4/57/62/4	.....		–	1	–
JF	E1ADDN-993144-B	Cover (injection pump inspection)	53/62/4	Interchangeable		–	1	–
	E1ADDN-993144-D	Cover (injection pump inspection)	53/62/4	Interchangeable		–	1	–
JF	20324-S7/8	Screw (cover to pump)	52/53	.....		–	4	–
JF	20324-S7/8	Screw (cover to pump)	53/62/4	.....		–	6	–
	♦20324-S7/8	Screw (cover to pump)	3/60/62/4	.....		–	6	–
	118788-ES2	Screw (cover to pump)	53/62/4	.....		–	2	–
JF	34805-S7	Lockwasher.....	52/53	.....		–	4	–
JF	34805-S7	Lockwasher.....	53/62/4	.....		–	8	–
JF	E1ADDN–993145-D	Gasket (injection pump inspection cover).....	52/62/4	Repl. E1ADDN-993145-B		–	1	–
		INJECTION PUMP BODY							
		Use from 4/62/							
JH/JD	E1ADDN-993121-C	Body (injection pump)	4/62/	.....		–	1	–
JH	E1ADDN-993128-B	Pipe (injection pump leak-off) assy.	4/62/	.....		–	1	–
JH	374897-S	Washer (leak-off pipe banjo bolt)	4/62/	.....		–	2	–
	E1ADDN-993144-F	Cover (injection pump)	4/62/	.....		–	1	–
	113661-ES	Bolt (inspection cover)	4/62/	.....		–	2	–
JH	E1ADDN-993145-C	Ring (inspection cover sealing)	4/62/	.....		–	1	–
		INJECTION PUMP CAMBOX, CAMSHAFT AND TAPPETS							
		Used 52/62/4							
JF	E1ADDN-993200-C	Cambox (injection pump)	52/62/4	.....		–	1	–
	502E–993200	Cambox (injection pump).....	54/62/4	.....		–	1	–
	♦954E-993200	Cambox (injection pump)	3/60/62/4	.....		–	1	–
	⊕89406-S	Screw (cambox)	52/54	.....		–	2	–
JF	E1ADDN-993128-C	Pipe (injection pump leak-off) assy.	52/62/4	.....		–	1	–
	E1ADDN-993189-B	Bolt (injection pump leak-off pipe banjo)	52/62/4	.....		–	1	–
	♦E1ADDN-993189-B	Bolt (injection pump leak-off pipe banjo)	3/60/62/4	.....		–	1	–
JF A	374897-S	Washer (copper).....	52/62/4	Replaces 118170-ES.....		–	2	–

⊕ Use when replacing cambox fitted in production before April, 1954.
♦ Use with E1ADDN–993101-D

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

P D V

INJECTION PUMP CAMBOX, CAMSHAFT AND TAPPETS—*continued*
Used 52/62/4

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.
	E1ADDN-993130	**Clip (injection pump leak-off pipe to engine oil filter)**		52/62/4		– 1 –
JF	88485-ES	**Stud (cambox to pump body)**		52/62/4		– 4 –
	33796-S7	Nut		52/62/4		– 4 –
	34805-S7	Lockwasher		52/62/4		– 4 –
JF	E1ADDN-993201-C	**Camshaft (injection pump)**	2	52/62/4		– 1 –
	502E-993201	Camshaft (injection pump)	2	54/62/4		– 1 –
	♦592E-993201	**Camshaft (injection pump)**		3/60/62/4		– 1 –
JF	E1ADDN-993202-A	Shim (injection pump camshaft) – .004" thick	3	52/62/4		– 2 –
	♦E1ADDN-993202-A	**Shim (injection pump camshaft) – .004" thick**		3/60/62/4		– 2 –
JF	E1ADDN-993202-B	Shim (injection pump camshaft) – .008" thick	2	52/62/4		– 2 –
	♦E1ADDN-993202-B	**Shim (injection pump camshaft) – .008" thick**		3/60/62/4		– 2 –
JF	E1ADDN-993203	**Bearing (injection pump camshaft) assy.**	3	52/62/4		– 2 –
	♦E1ADDN-993203	**Bearing (injection pump camshaft) assy.**		3/60/62/4		– 2 –
JF	E1ADDN-993204	**Housing (injection pump camshaft bearing) – front**		52/62/4		– 1 –
	♦E1ADDN-993204	**Housing (injection pump camshaft bearing) – front**		3/60/62/4		– 1 –
JF	E1ADDN-993205	**Housing (injection pump camshaft bearing) – rear**		52/62/4		– 1 –
	502E-993205	Housing (injection pump camshaft bearing) – rear		54/62/4		– 1 –
	24649-S7/8	**Screw (housing to cambox)**		54/62/4		– 4 –
JF	20324-S7/8	**Screw (housing to cambox)**		52/62/4		– 8 –
JF	20324-S7/8	**Screw (housing to cambox)**		54/62/4		– 4 –
JF	34805-S	**Lockwasher**		52/62/4		– 8 –
JF	E1ADDN-993206	Baffle (injection pump camshaft oil seal)		52/62/4		– 8 –
	590E-993206-B	Baffle (governor front case to cambox)		3/60/62/4		– 1 –
JF	E1ADDN-993207	**Seal (injection pump camshaft oil) assy.**	10	52/62/4		– 1 –
	♦E1ADDN-993207	**Seal (injection pump camshaft oil) assy.**		3/60/62/4		– 1 –
	502E-993207	Seal (injection pump camshaft oil)	10	54/62/4		– 1 –
JF	E1ADDN-993208	**Fork (injection pump plunger control)**		52/62/4		– 4 –
	♦E1ADDN-993208	**Fork (injection pump plunger control)**		3/60/62/4		– 4 –
JF	E1ADDN-993209	**Screw (injection pump plunger control fork)**		52/62/4		– 4 –
	♦E1ADDN-993209	**Screw (injection pump plunger control fork)**		3/60/62/4		– 4 –
JF	E1ADDN-993210	**Bush (injection pump control rod)**	2	52/62/4		– 1 –
	♦E407-CL-9	**Bush (injection pump control rod) – governor end**		3/60/62/4		– 1 –
	♦E134-CL-9	**Dowel (control rod bush)**		3/60/62/4		– 1 –
JF	‡E1ADDN-993211-B	**Rod (injection pump control) assy.**	2	52/62/4		– 1 –
	♦592E-993211	**Rod (injection pump control) assy.**		3/60/62/4		– 1 –
	♦E448-CL-5	**Pin (injection pump control rod stop)**		3/60/62/4		– 1 –
	♦117783-ES	**Nut**		3/60/62/4		– 1 –
	♦115517-ES	**Circlip**		3/60/62/4		– 1 –
	○E1ADDN-993213-B	**Lever (injection pump stop and excess fuel) assy.**		52/54/8		– 1 –
	118105-ES7	**Washer (stop and excess fuel lever)**		54/62/4		– 1 –
	E132-CL-9	**Seal (stop and excess fuel lever dust)**		54/62/4		– 1 –
	995954-ES2	**Screw (lever trunnion to stop control cable)**		52/54/8		– 1 –
	954E-993214	**Spring (injection pump stop and excess fuel lever return)**		52/54/8		– 1 –

♦ Use with E1ADDN-993101-D.

○ When replacing earlier type parts supply (1) E1ADDN-993106-B, (1) E1ADDN-993213-B, (1) E1ADDN-993218-B, (1) E1ADDN-993219-B, (1) E1ADDN-993220-B and (1) E132-CL-9.

‡ When replacing earlier type control rod supply also (1) E1ADDN-993106-B, (1) E1ADDN-993213-B, (1) E1ADDN-993218-B, (1) E1ADDN-993220-B and (1) E132-CL-9.

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

INJECTION PUMP CAMBOX, CAMSHAFT AND TAPPETS —*continued*
Used 52/62/4

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	P	D	V	Qty. Req.
JF	E1ADDN-993215-C	Lever (injection pump stop and excess fuel) arm and catch assy.	5	8/54/62/4		–	1	–	
	♦E1ADDN-993215-D	Lever (injection pump stop and excess fuel) arm and catch assy.		3/60/62/4		–	1	–	
JF	995901-ES7	Screw (lever trunnion to stop control cable)		8/54/62/4		–	1	–	
	E1ADDN-993216	Arm (injection pump stop and excess fuel)		52/62/4		–	1	–	
	119964-ES	Pin (arm to excess fuel lever shaft)		52/62/4		–	1	–	
JF	E1ADDN-993217-A	Indicator (injection pump timing)		52/62/4		–	1	–	
JF	♦E1ADDN-993217-A	Indicator (injection pump timing)		3/60/62/4		–	1	–	
	E1ADDN-993217-B	Indicator (Injection Pump Timing)		4/62/63/7		–	1	–	
	E1ADDN-993217-D	Indicator (Injection Pump Timing)		7/63/		–	1	–	
	○E1ADDN-993218-B	Case (injection pump fuel stop) – inner		52/54/8	Use with E1ADDN-993219-B	–	1	–	
JF	E1ADDN-993218-C	Case (injection pump fuel stop) – inner	2	8/54/62/4		–	1	–	
	♦954E-993218-B	Case (injection pump fuel stop) – inner		3/60/62/4		–	1	–	
	○E1ADDN-993219-B	Case (injection pump fuel stop) – outer		52/54/8	Use with E1ADDN-993218-B	–	1	–	
JF	E1ADDN-993219-C	Case (injection pump fuel stop) – outer	3	8/54/62/4		–	1	–	
	♦954E-993219-B	Case (injection pump fuel stop) – outer		3/60762/4		–	1	–	
JF	118771-ES	Screw (front case to pump)		52/54		–	1	–	
JF	118771-ES	Screw (front case to pump)		54/62/4		–	2	–	
JF	33920-S	Nut		52/62/4		–	1	–	
JF	34905-S	Lockwasher		52/62/4		–	1	–	
JF	34805-S	Lockwasher		54/62/4		–	2	–	
JF	995963-ES7	Screw (rear to front case)		52/62/4		–	4	–	
JF	996417-ES7	Lockwasher		54/62/4		–	4	–	
	○E1ADDN-993220-B	Screw (injection pump maximum fuel stop)		52/54/8		–	1	–	
JF	E1ADDN-993220-C	Screw (injection pump maximum fuel stop)		8/54/62/4		–	1	–	
	♦E1ADDN-993220-C	Screw (injection pump maximum fuel stop)		3/60/62/4		–	1	–	
JF	33798-S2	Locknut		52/62/4		–	1	–	
	E1ADDN-993227	Valve (injection pump delivery) and guide assy.	3	52/58/8		–	4	–	
JF	502E-993227	Valve (injection pump delivery) and guide assy.	3	8/58/62/4		–	4	–	
	♦502E-993227	Valve (injection pump delivery) and guide assy.		3/60/62/4		–	4	–	
JF	E1ADDN-993228	Holder (injection pump delivery valve)		52/62/4		–	4	–	
	♦E1ADDN-993228	Holder (injection pump delivery valve)		3/60/62/4		–	4	–	
JF	E1ADDN-993229	Screw (injection pump barrel locating)		52/62/4		–	4	–	
	♦E1ADDN-993229	Screw (injection pump barrel locating)		3/60/62/4		–	4	–	
JF	118154-ES	Washer (locating screw)		52/62/4	Fibre	–	4	–	
JF	E1ADDN-993230	Washer (injection pump delivery valve)	3	52/62/4		–	4	–	
JF	E1ADDN-993231	Spring (injection pump delivery valve)	2	52/62/4		–	4	–	
	♦E1ADDN-993231	Spring (injection pump delivery valve)		3/60/62/4		–	4	–	
JF	E1ADDN-993232	Spring (injection pump plunger)		52/62/4		–	4	–	
	♦E1ADDN-993232	Spring (injection pump plunger)		3/60/62/4		–	4	–	
	▲502E-993153	Barrel (injection pump) and plunger assy.	10	52/57/4		–	4	–	
JF	E1ADDN-993153-B	Barrel (injection pump) and plunger assy.		4/57/62/4		–	4	–	
JF	E1ADDN-993233	Disc (injection pump plunger spring) – lower		52/62/4		–	4	–	
	♦E1ADDN-993233	Disc (injection pump plunger spring) – lower		3/60/62/4		–	4	–	

○ When replacing earlier type parts supply (1) E1ADDN-993106-B, (1) E1ADDN-993213-B, (1) E1ADDN-933218-B, (1) E1ADDN-993219-B, (1) E1ADDN-993219-B, (1) E1ADDN-993220-B and (1) E132-CL-9.

♦Use with E1ADDN-993101-D

▲ When replacing earlier type barrel and plunger supply in sets of four.

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

FUEL SYSTEM — *continued*
FUEL INJECTION EQUIPMENT — *continued*

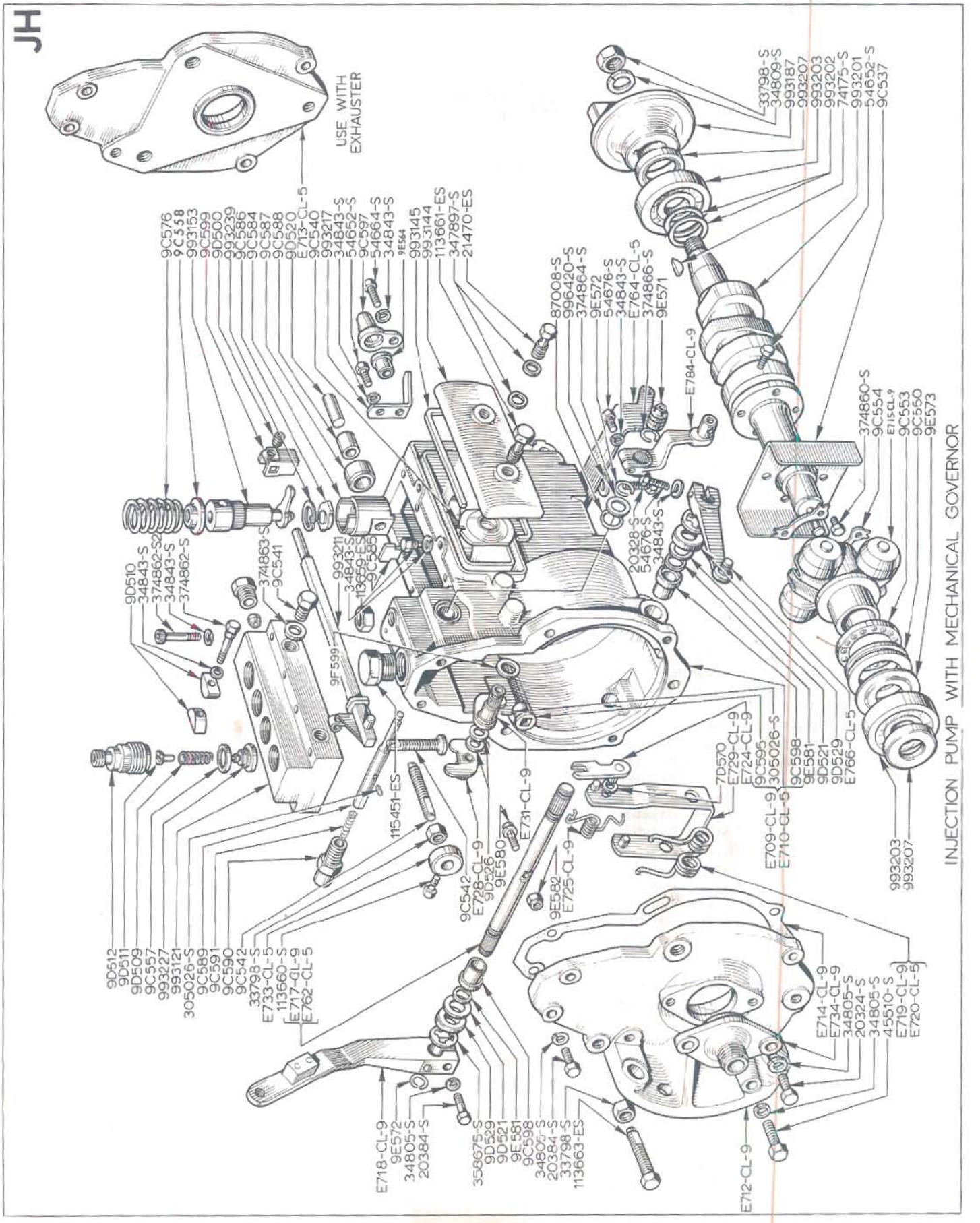
P D V

INJECTION PUMP CAMBOX, CAMSHAFT AND TAPPETS — *continued*
Used 52/62/4

JF	E1ADDN-993234	Shim (injection pump plunger)	10	52/62/4		As reqd.
	♦E1ADDN-993234	Shim (injection pump plunger)		3/60/62/4		As reqd.
JF	#E1ADDN-993235-C	Body (injection pump tappet)		52/62/4		– 4 –
	E1ADDN-993236-A	Roller (injection pump tappet)	2	52/57/4		– 4 –
JF	E1ADDN-993236-B	Roller (injection pump tappet)	2	4/57/62/4		– 4 –
JF	E1ADDN-993237	Pin (injection pump tappet roller)	3	52/62/4		– 4 –
	E1ADDN-993238-A	Bush (injection pump tappet roller)	2	52/57/4		– 4 –
JF	E1ADDN-993238-B	Bush (injection pump tappet roller)	2	4/57/62/4		– 4 –
	E1ADDN-993239-A	Circlip (injection pump tappet)		52/54		– 4 –
JF	E1ADDN-993239-B	Circlip (injection pump tappet)		54/		– 4 –
	♦E1ADDN-993239-B	Circlip (injection pump tappet)		3/60/		– 4 –
JF	E1ADDN-993240	Disc (injection pump plunger spring) – upper		52/58/8		– 4 –
	♦E1ADDN-993240	Disc (injection pump plunger spring) – upper		3/60/62/4		– 4 –
	502E-993240	Disc (injection pump plunger spring) – upper		8/58/62/4		– 4 –
	E1ADDN-993241-A	Spacer (injection pump tappet) – .179" to .181" thick		52/54/		– ar –
	E1ADDN-993241-B	Spacer (injection pump tappet) – .183" to .185" thick		52/54		– ar –
	E1ADDN-993241-C	Spacer (injection pump tappet) – .187" to .189" thick		52/54		– ar –
	E1ADDN-993241-D	Spacer (injection pump tappet) – .191" to .193" thick		52/54		– ar –
	E1ADDN-993241-E	Spacer (injection pump tappet) – .195" to .197" thick		52/54		– ar –
JF	E1ADDN-993241-F	Spacer (injection pump tappet) – .179" to .181" thick	2	54/62/4		– ar –
JH	E1ADDN-993241-G	Spacer (injection pump tappet) – .183" to .185" thick	2	54/62/4		– ar –
JF	E1ADDN-993241-H	Spacer (injection pump tappet) – .187" to .189" thick	3	54/62/4		– ar –
JF	E1ADDN-993241-J	Spacer (injection pump tappet) – .191" to .193" thick	2	54/62/4		– ar –
JF	E1ADDN-993241-K	Spacer (injection pump tappet) – .195" to .197" thick		54/62/4		– ar –
JF	E1ADDN-993241-L	Spacer (injection pump tappet) – .159" to .161" thick		8/58/62/4		– ar –
	♦E1ADDN-993241-L	Spacer (injection pump tappet) – .159" to .161" thick		3/60/62/4		– ar –
JF	E1ADDN-993241-M	Spacer (injection pump tappet) – .163" to .165" thick		8/58/62/4		– ar –
	♦E1ADDN-993241-M	Spacer (injection pump tappet) – .163" to .165" thick		3/60/62/4		– ar –
JF	510E-993241-A	Spacer (injection pump tappet) – .167" to .169" thick		4/57/62/4		– ar –
	♦510E-993241-A	Spacer (injection pump tappet) – .167" to .169" thick		3/60/62/4		– ar –
JF	510E-993341-B	Spacer (injection pump tappet) – .171" to .173" thick		4/57/62/4		– ar –
	♦510E-993341-B	Spacer (injection pump tappet) – .171" to .173" thick		3/60/62/4		– ar –
JF	510E-993241-C	Spacer (injection pump tappet) – .175" to .177" thick		4/57/62/4		– ar –
	♦510E-993241-C	Spacer (injection pump tappet) – .175" to .177" thick		3/60/62/4		– ar –
JF	E1ADDN-993243	Reducer (injection pump volume)	2	52/62/4		– 4 –
	♦E1ADDN-993243	Reducer (injection pump volume)		3/60/62/4		– 4 –

♦ Use with E1ADDN-993101-D

\# E1ADDN-993235-C with E1ADDN-993236-B & E1ADDN-993238-B replaces E1ADDN-993235-B


JH
INJECTION PUMP WITH MECHANICAL GOVERNOR
USE WITH EXHAUSTER
E713-CL-5
9C576
9C558
993153
9C599
9D500
993239
9C586
9C584
9C587
9C588
9D520
9C540
993217
34843-S
54652-S
9C597
54664-S
34843-S
9E564
993145
993144
113661-ES
347897-S
21470-ES
87008-S
996420-S
374864-S
9E572
54676-S
34843-S
E764-CL-5
374866-S
9E571
E784-CL-9
33798-S
34809-S
993187
993207
993203
993202
74175-S
993201
54652-S
9C537
374860-S
9C554
E715CL-9
9C553
9C550
9E573
9D510
34843-S
374862-S2
34843-S
374862-S
374863-S
9C541
993211
34843-S
113659-ES
9C585
9F599
20328-S
54676-S
34843-S
9C598
9E581
9D521
9D529
E766-CL-5
7D570
E729-CL-9
E724-CL-9
9C595
305026-S
E709-CL-9
E710-CL-5
993203
993207
115451-ES
E731-CL-9
9C542
E728-CL-9
9D526
9E580
9E582
E725-CL-9
9D512
9D511
9D509
9C557
993227
993121
305026-S
9C589
9C591
9C590
9C542
33798-S
E733-CL-5
113660-S
E717-CL-9
E762-CL-5
E718-CL-9
9E572
34805-S
20384-S
358675-S
9D529
9D521
9E581
9C598
34805-S
20384-S
33798-S
113663-ES
E712-CL-9
E714-CL-9
E734-CL-9
34805-S
20324-S
34805-S
45510-S
E719-CL-9
E720-CL-5

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

INJECTION PUMP CAMBOX, CAMSHAFT AND TAPPETS
Use with Mechanical Governor 4/62/–

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	P	D	V	Qty. Req.
JH	E709-CL-9	Cambox (pump and mechanical governor) assy.		4/62/	Except with exhauster	–	1	–	
JH	E711-CL-5	Cambox (pump and mechanical governor) assy.		4/62/	Use with exhauster	–	1	–	
JH	374897-S	Washer (copper)		4/62/		–	2	–	
JH	115451-ES	Plug (oil filler)		4/62/		–	1	–	
	E712-CL-9	Cover (mechanical governor)		4/62	W/o exhauster	–	1	–	
	E713-CL-5	Cover (mechanical governor) Replaces E713-CL-9		4/62/	Use W/Exhauster	–	1	–	
	E714-CL-9	Gasket (mechanical governor cover)		4/62/		–	1	–	
	E715-CL-9	Carrier & weights (mechanical governor) assy		4/62/		–	1	–	
	E717-CL-9	Shaft (mechanical governor control)		4/62/		–	1	–	
	E718-CL-9	Lever (control shaft) assy		4/62/		–	1	–	
	E719-CL-9	Spring (mechanical governor)		4/62/		–	1	–	
	E724-CL-9	Link (mechanical governor) assy		4/62/		–	1	–	
	E725-CL-9	Spring (mechanical governor link)		4/62/		–	1	–	
JH	E1ADDN-993201-D	Camshaft (injection pump) assy.		4/62/	Except with exhauster	–	1	–	
JH	530E-993201	Camshaft (injection pump) assy		4/62/	With exhauster - Replaced by 530E-993201-B	–	1	–	
JH	530E-993201-B	Camshaft (injection pump) assy		4/62/	With exhauster - Replaces 530E-993201	–	1	–	
S	E1ADDN-2A569	Seal (injection pump camshaft) double lip		4/62/	Use with 530E-993201-B	–	1	–	
JH	E1ADDN-993202-A	Shim (camshaft) – .004" thick		4/62/		–	ar	–	
JH	E1ADDN-993202-B	Shim (camshaft) – .008" thick		4/62/		–	ar	–	
JH	E1ADDN-993203	Bearing (camshaft)		4/62/		–	2	–	
JH	E1ADDN-993207	Seal (camshaft bearing oil)		4/62/		–	1	–	
JH	CONN –9D500-A	Screw (injection pump control fork)		4/62/		–	4	–	
JH	E1ADDN–9D500	Screw (injection pump control fork)		4/62/		–	4	–	
	E1ADDN–9K500	Adaptor (fuel injection pump) inlet		7/63/	Service only - When requested	–	1	–	
JH	E731-CL-9	Shaft (pump stop control) assy.		4/62/		–	1	–	
JH	C3NN–9F599-A	Washer (stop control shaft thrust)		4/62/		–	1	–	
JH	374864-S	Washer (stop control shaft – retaining circlip)		4/62/		–	1	–	
JH	374866-S2	Circlip (stop control shaft retaining)		4/62/		–	1	–	
JH	E784-CL-5	Lever (pump stop control) assy.		4/62/	Replaces E732-CL-9	–	1	–	
JH	54676-S2	Screw (stop control lever)		4/62/		–	1	–	
JH	34843-S	Lockwasher		4/62/		–	1	–	
JH	54652-S2	Screw (control lever trunnion)		4/62/		–	1	–	
JH	CONN –9D506-A	Screw (stop fork)		4/62/	Part of 592E-993101-J/L	–	1	–	
JH	33921-S2	Nut (screw locking)		4/62/	Part of 592E-993101-J/L	–	1	–	
JH	E1ADDN-993227-B	Valve (injection pump delivery) and guide assy.		4/62/	1,600 R.P.M.	–	4	–	
JH	510E-993227-A	Valve (injection pump and delivery valve joint)		4/62/	1,800 R.P.M.	–	1	–	
JH	CONN –9D509-A	Spring (injection pump delivery valve)		4/62/		–	4	–	
JH	CONN –9D510-A	Clamp (injection pump delivery valve retainer)		4/62/	With plain hole	–	2	–	
JH	CONN –9D510-B	Clamp (injection pump delivery valve retainer)		4/62/	With threaded hole	–	2	–	
JH	374862-S2	Screw (injection pump delivery valve clamp)		4/62/		–	2	–	
JH	34843-S2	Lockwasher		4/62/		–	2	–	
JH	CONN –9D511-B	Reducer (injection pump volume)		4/62/		–	4	–	
JH	CONN –9D512-A	Retainer (injection pump delivery valve)		4/62/		–	4	–	
JH	CONN –9D520-A	Pin (injection pump tappet roller)		4/62/		–	4	–	
JH	CONN –9D521-A	Shim (control shaft)		4/62/		–	2	–	
JH	CONN –9D526-A	Seal (injection pump excess shaft)		4/62/		–	2	–	
JH	CONN –9D529-A	Washer (governor control shaft)		4/62/		–	2	–	
JH	E1ADDN–9C537	Back plate (injection pump)		4/62/		–	1	–	
JH	374860-S	Screw (backplate to camshaft)		4/62/		–	4	–	
JH	E728-CL-9	Lever (pump maximum fuel stop) assy.		4/62/		–	1	–	
JH	305026-S	Pin (maximum fuel stop lever to excess fuel shaft retaining)		4/62/		–	1	–	
JH	E1ADDN–9C539	Bush (fuel stop lever)		4/62/		–	1	–	
JH	CONN –9C540-A	Bridge (injection pump side cover retaining)		4/62/		–	2	–	
JH	113659-ES	Bolt (bridge securing)		4/62/		–	2	–	
JH	34843-S	Lockwasher		4/62/		–	2	–	

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

INJECTION PUMP CAMBOX, CAMSHAFT AND TAPPETS—*continued*
Used from 4/62/

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.	P	D	V
	C5NE–9E564-A	Bushing - Injection Pump Control Rod		4-62/		1	–	–	–
JH	CONN –9C541-A	Screw (injection pump air vent)		4/62/		2	–	–	–
JH	374863-S	Seal (injection pump air vent screw)		4/62/		2	–	–	–
JH	CONN –9C542-A	Bolt (control lever stop)		4/62/	Idling	1	–	–	–
JH	CONN –9C542-B	Screw (injector pump stop)		4/62/	Excess fuel	1	–	–	–
JH	33798-S2	Nut (injection pump stop screw locking)		4/62/		1	–	–	–
JH	34843-S	Washer		4/62/		2	–	–	–
JH	CONN –9C550-A	Pad (injection pump thrust)		4/62/		1	–	–	–
JH	CONN –9C553-A	Bearing (injection pump thrust)		4/62/		1	–	–	–
JH	E1ADDN–9C554-A	Washer (injection pump tab)		4/62/		2	–	–	–
JH	CONN –9C557-A	Ring (delivery valve joint)		4/62/		4	–	–	–
JH	CONN –9C558-U	Disc (tappet return spring lower) – 1*		4/62/	.023"/.025"	4	–	–	–
JH	CONN –9C558-V	Disc (tappet return spring lower) – 2*		4/62/	.027"/.029"	4	–	–	–
JH	CONN –9C558-Y	Disc (tappet return spring lower) – 3*		4/62/	.031"/.033"	4	–	–	–
JH	CONN –9C558-Z	Disc (tappet return spring lower) – 4*		4/62/	.035"/.037"	4	–	–	–
JH	CONN –9C558-AA	Disc (tappet return spring lower) – 5*		4/62/	.039"/.041"	4	–	–	–
JH	CONN –9C558-AB	Disc (tappet return spring lower) – 6*		4/62/	.043"/.045"	4	–	–	–
JH	CONN –9C558-AC	Disc (tappet return spring lower) – 7*		4/62/	.047"/.049"	4	–	–	–
JH	CONN –9C558-AD	Disc (tappet return spring lower) – 8*		4/62/	.051"/.053"	4	–	–	–
JH	CONN –9C558-AE	Disc (tappet return spring lower) – 9*		4/62/	.055"/.057"	4	–	–	–
JH	CONN –9C558-AF	Disc (tappet return spring lower) – 10*		4/62/	.059"/.061"	4	–	–	–
JH	CONN –9C558-AG	Disc (tappet return spring lower) – 11*		4/62/	.063"/.065"	4	–	–	–
JH	CONN –9C558-AH	Disc (tappet return spring lower) – 12*		4/62/	.067"/.069"	4	–	–	–
JH	CONN –9C558-AJ	Disc (tappet return spring lower) – 13*		4/62/	.071"/.073"	4	–	–	–
JH	CONN –9C558-AK	Disc (tappet return spring lower) – 14*		4/62/	.075"/.077"	4	–	–	–
JH	CONN –9C558-AL	Disc (tappet return spring lower) – 15*		4/62/	.079"/.081"	4	–	–	–
JH	CONN –9C558-AM	Disc (tappet return spring lower) – 16*		4/62/	.083"/.085"	4	–	–	–
	E1ADDN–9N564-A	Shroud - Fuel Injection Pump Coupling		4/62	Domestic Only	1	–	–	–
JH	CONN –9E569	Dowel injection pump camshaft		4/62/		2	–	–	–
JH	CONN –9D570-B	Shim (governor link)		4/62/		1	–	–	–
JH	CONN –9D571-C	Screw (delivery valve clamp)		4/62/		2	–	–	–
JH	CONN –9D571-C	Screw (body to housing)		4/62/		8	–	–	–
JH	C3NN–9E571-A	Shroud - Fuel Injection Pump Excess Shaft		4/62	Repl. CONN-9E571-A	1	–	–	–
JH	CONN –9E572-A	Circlip (pump excess fuel dust cap to shaft)		4/62/		1	–	–	–
JH	CONN –9E573-A	Washer (injection pump baffle)		4/62/		1	–	–	–
JH	CONN –9C576-A	Spring (injection pump plunger return)		4/62/		4	–	–	–
JH	510E-993153-B	Barrel and plunger assy.		4/62/		4	–	–	–
JH	CONN –9E578-A	Plug (oil level)		4/62/		1	–	–	–
JH	CONN –9E578-A	Plug (oil drain)		4/62/		1	–	–	–
JH	374863-S2	Seal (oil level and drain plugs)		4/62/		2	–	–	–
JH	CONN –9E580-A	Pin (governor spring)		4/62/		1	–	–	–
JH	CONN –9E581-A	Seal (control shaft)		4/62/		1	–	–	–
JH	CONN –9E582-A	Nut (control shaft)		4/62/52/2		1	–	–	–
JH	CONN –9C584-A	Body (injection pump tappet)		4/62/		4	–	–	–
JH	CONN –9C585-A	Locator (injection pump tappet)		4/62/		2	–	–	–
JH	CONN –9C586-A	Spacer (injection pump tappet) – 6*		4/62/	.170"/.173"	4	–	–	–
JH	CONN –9C586-B	Spacer (injection pump tappet) – 7*		4/62/	.174"/.177"	4	–	–	–
JH	CONN –9C586-C	Spacer (injection pump tappet) – 8*		4/62/	.178"/.181"	4	–	–	–
JH	CONN –9C586-D	Spacer (injection pump tappet) – 9*		4/62/	.182"/.185"	4	–	–	–
JH	CONN –9C586-E	Spacer (injection pump tappet) – 10*		4/62/	.186"/.189"	4	–	–	–
JH	E1ADDN-993239-B	Circlip (injection pump tappet)		4/62/		4	–	–	–
JH	CONN –9C587-A	Roller (injection pump tappet)		4/62/		4	–	–	–
JH	CONN-9D520-A	Pin (injection pump tappet roller)		4/62/		4	–	–	–
JH	CONN –9C588-A	Bush (injection pump tappet roller)		4/62/		4	–	–	–
JH	C3NN–9C589-A	Shaft - Fuel Injection Pump Excess		4/62/	Replaces CONN-9C589-B	1	–	–	–
JH	CONN –9C590-A	Bearing (injection pump excess shaft)		4/62/		1	–	–	–
JH	C5NN–9C591-A	Spring (injection pump excess shaft return)		4/62/	Repl. CONN-9C591-A	1	–	–	–

*These numbers are stamped on the respective parts to indicate the sizes shown.

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.	P	D	V
		INJECTION PUMP CAMBOX, CAMSHAFT AND TAPPETS							
		Used from 4/62/							
JH	C5NE–9E564-A	Bush (injection pump control rod)		4/62/	Repl. CONN-9C595-A	1	–		
JH	CONN –9C595-C	**Bush (injection pump control rod)**		**4/62/**	**Part of E709-CL-9 and E711-CL-5**	**1**	**–**		
JH	C5NE–9E564-A	Cover (injection pump control rod)		4/62/	Repl. CONN-9C597-A	1	–		
JH	54664-S	**Screw (control rod cover to pump housing)**		**4/62/**		**1**	**–**		
JH	34843-S	**Lockwasher**		**4/62/**		**1**	**–**		
JH	CONN –9C598-A	**Bush (injection pump control shaft)**		**4/62/**	**Part of E711-CL-5**	**2**	**–**		
JH	CONN –9C598-B	**Bush (pump control shaft)**		**4/62/**	**Part of E709-CL-9**	**2**	**–**		
JH	353753-S	**Pin (pump control rod bush retaining)**		**4/62/**	**Part of E709-CL-9/ E711-CL-5**	**1**	**–**		
JH	CONN –9C599-A	**Fork (injection pump control)**		**4/62/**		**4**	**–**		
JH	E1ADDN-993144-F	**Cover (injection pump)**		**4/62/**		**1**	**–**		
JH	113661-ES	**Bolt (inspection cover)**		**4/62/**		**2**	**–**		
JH	E1ADDN-993145-C	**Ring (inspection cover sealing)**		**4/62/**		**1**	**–**		
JH	E1ADDN-993187	**Flange (injection pump driving coupling)—pump bolt**		**4/62/**		**1**	**–**		
JH	74175-S	**Key (driving flange to camshaft)**		**4/62/**		**1**	**–**		
JH	33943-S2	**Nut (injection pump driving flange to camshaft)**		**4/62/**		**1**	**–**		
JH	34809-S36	Lockwasher		4/62/		1	–		
JH	E1ADDN-993211-C	**Rod (control) assy.**		**4/62/**		**1**	**–**		
JH	E1ADDN-993217-B	**Indicator (injection pump timing)**		**4/62/63/7**		**1**	**–**		
	E1ADDN–993217-D	Indicator (fuel injection pump timing)		7/63/		1	–		
JH	54652-S2	**Bolt (indicator to housing)**		**4/62/**		**2**	**–**		
JH	34843-S	**Bolt (indicator to housing)**		**4/62/**		**2**	**–**		
		FUEL INJECTORS AND INJECTOR PIPES							
JA	2701E–9K548	Shim - Fuel Injector Nozzle		52/		4	–		
	†E1ADDN-993148	**Housing (fuel injector to cylinder head)**		**52/53**	**Copper**	**4**	**–**		
JA	E1ADDN-993149-B	Nozzle (fuel injector)	15	52/58/8	Export only	4	–		
	E1ADDN-993150-E	**Holder (injector nozzle) and body assy.**		**52/**	**Export only**	**4**	**–**		
	▲502E-993153	**Barrel (fuel injection pump) and plunger assy.**	*10*	**52/57/4**	**See "Cambox" Section**	**4**	**–**		
	E1ADDN-993153-B	**Barrel (fuel injection pump) and plunger assy.**	*10*	**4/57/62/4**		**4**	**–**		
	♦E1ADDN-993153-B	**Barrel (fuel injection pump) and plunger assy.**		**3/60/62/4**		**4**	**–**		
JH	510E-993153-B	**Barrel (fuel injection pump) and plunger assy.**		**4/62/**		**4**	**–**		
	†E1ADDN-993155-A	**Seal (fuel injection housing water)**		**52/53**		**4**	**–**		
	E1ADDN-993156-B	**Seal (fuel injector inlet adaptor to cylinder head)**	*60*	**52/62/4**	**Use with 7" Wide Head**	**4**	**–**		
JA	E1ADDN-993156-C	**Seal (fuel injector inlet adaptor to head)**		**4/62/**	**Use with 8" wide cyl. head**	**4**	**–**		
	E1ADDN-993157-B	**Injector (fuel) assy. – complete**	*2*	**52/57/4**	**Except Export**	**4**	**–**		
	E1ADDN-993157-B	**Injector (fuel) assy. – complete**	*2*	**8/58/**	**Except Export**	**4**	**–**		
	E1ADDN-993157-C	*Injector (fuel) assy.*		*52/57/4*	*Parts Ex Plan-Domestic only*	*4*	*–*		
	E1ADDN-993157-D	Injector (fuel) assy – complete	5	4/57/58/8		4	–		
	E1ADDN-993157-E	*Injector (fuel) assy. – complete*		4/57/58	Parts Ex Plan-Domestic only	4	–		
	E1ADDN-993157-DR	Injector (fuel) assy - Rebuilt		4/57/58/8	U.S. only	4	–		
	590E–993157-B	Nozzle & holder assy - injector (reconditioned)		7/64	Except Export	4	–		
	118830-ES	**Screw (injector to cylinder head)**		**52/**		**8**	**–**		
JA	E1ADDN-993190	**Body (nozzle holder) assy.**		**52/**	**Export only**	**4**	**–**		
	E174-CL-9	**Dowel (injector nozzle body locating)**		**52/**	**Export only**	**4**	**–**		
JA	E1ADDN-993191	**Nut (injector nozzle retaining)**		**52/**	**Export only**	**4**	**–**		
JA	E1ADDN-993192	**Spindle (injector) and cup assy.**		**52/**	**Export only**	**4**	**–**		
JA	E1ADDN-993193	**Spring (injector)**		**52/**	**Export only**	**4**	**–**		
	C5NN–9N519-A	Plate (injector upper spring)		52/	Export only	4	–		

♦Use with E1ADDN-993101-D
▲When replacing earlier type barrel and plunger supply in sets of four
†Fitted in production up to 21st January, 1953.

FUEL SYSTEMS—*continued*
FUEL INJECTION EQUIPMENT—*continued*

FUEL INJECTORS AND INJECTOR PIPES—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
JA	C5NN-9F540-A	Nut (spring cap)		52/	Export only	–	4	–
JA	E1-CL-9	**Washer (injector cap nut sealing) – copper**		**52/**		–	**4**	–
JA	E1ADDN-993196-B	**Nut (fuel injector) – cap**	**2**	**52/**		–	**4**	–
	E16-CL-9	**Washer (injector sealing) – copper**		**53/**		–	**4**	–
JA	E1ADDN-993197-B	**Adaptor (fuel injector inlet)**	**2**	**52/**		–	**4**	–
JA	E1ADDN-993198	**Washer (fuel injector inlet adaptor sealing)**	**2**	**52/**		–	**4**	–
	E1ADDN-993167-C	**Bracket (injection pump mounting)**		**4/62/**		–	**1**	–
	E1ADDN–993167	**Bracket (injection pump mounting)**		**52/54**	**See "Complete Injection Pump"**	–	**1**	–
	530E-993167	**Bracket (injection pump mounting)**		**54/62/4**	**See "Complete Injection Pump"**	–	**1**	–
	E1ADDN-9242-B	**Ferrule (injection pump to injector pipe)**	**5**	**52/**		–	**8**	–
	E1ADDN-993173-B	**Seal (injector leak-off pipe adaptor to cylinder head)**	**2**	**52/**		–	**1**	–
	E1ADDN-993174-A	**Pipe (injection pump to No.1 injector) assy.**		**52/54**		–	**1**	–
JA	E1ADDN-993174-E	Pipe (injection pump to No. 1 injector) assy.		54/62/4	Replaces DDN-993174-C	–	1	–
JA	E1ADDN-993174-F	Pipe (fuel injection pump to No. 1 injector) assy.		4/62/	Replaces DDN-993174-D	–	1	–
	E1ADDN-993175-A	**Pipe (injection pump to No.2 injector) assy.**		**52/54**		–	**1**	–
JA	E1ADDN-993175-E	Pipe (injection pump to No. 2 injector) assy.	**3**	54/62/4	Replaces E1ADDN-993175-C	–	1	–
JA	E1ADDN-993175-F	Pipe (fuel injection pump to No. 2 injector) assy.		4/62/	Replaces E1ADDN-993175-D	–	1	–
	E1ADDN-993176-A	**Pipe (injection pump to No.3 injector) assy.**		**52/54**		–	**1**	–
JA	E1ADDN-993176-E	Pipe (injection pump to No. 3 injector) assy.	**5**	54/62/4	Replaces DDN-993176-B & C	–	1	–
JA	E1ADDN-993176-F	Pipe (fuel injection pump to No. 3 injector) assy.		4/62/	Replaces E1ADDN-993176-D	–	1	–
	E1ADDN-993177-A	**Pipe (injection pump to No.4 injector) assy.**		**52/54**		–	**1**	–
JA	E1ADDN-993177-E	Pipe (injection pump to No. 4 injector) assy.	**5**	54/62/4	Replaces DDN-993177-C	–	1	–
JA	E1ADDN-993177-F	Pipe (fuel injection pump to No. 4 injector) assy.		4/62/	Replaces DDN-993177-D	–	1	–
	E349-CL-9	**Clip (fuel injector pipes)**		**4/57/**		–	**4**	–
	27097-S7	**Screw (fuel injector pipe clips)**		**4/57/**		–	**2**	–
	34079-S7/8	**Nut**		**4/57/**		–	**2**	–
	34823-S7/8	**Lockwasher**		**4/57/**		–	**2**	–
JA	⊕E1ADDN-993178-C	**Nut (injection pump to injector pipe)**	**3**	**52/**		–	**8**	–
	E1ADDN-993180-A	**Pipe (fuel injector leak-off) assy.**		**52/53**		–	**1**	–
	E1ADDN-993180-B	**Pipe (fuel injector leak-off) assy.**	**2**	**53/**		–	**1**	–
	A-17504-A	**Connector (leak-off pipe to cylinder head)**	**2**	**53/**		–	**1**	–
	B-17542-A	**Nut (leak-off pipe to cylinder head)**	**3**	**53/**		–	**1**	–
	21470-ES	**Screw (leak-off pipe connections to injectors)**		**52/**		–	**4**	–

INJECTION PUMP COUPLING

JF	E1ADDN-993183-A	**Coupling (injection pump drive) assy. – engine half**	**10**	**52/61/4**	**Use with E69-CP-9 or E1ADDN-66607-B**	–	**1**	–
	530E-993183	**Coupling (injection pump drive assy) - engine half**		**4/61/**	**Use with E68-CP-9**	–	**1**	–
	530E-993183	**Coupling (injection pump drive assy) – engine half**		**2/62/**	**Use with E68-CP-9. Replaces E1ADDN-993183-B**	–	**1**	–
JF	E1ADDN-993184	Pad (injection pump driving)	**50**	52/		–	1	–
	E1ADDN-993184	**Pad (exhauster drive coupling)**	**50**	**54/**		–	**1**	–
	†E1ADDN-993185	**Coupling (injection pump drive) assy. – complete**		**52/61/4**	**Use with E69-CP-9 or E1ADDN-66607-B**	–	**1**	–
JF	E1ADDN-993186-A	**Flange (injection pump drive coupling) – engine half**	**5**	**52/61/4**	**Use with E69-CP-9 or E1ADDN-66609-B**	–	**1**	–
	*510E-993184-B	Insert - Injection Pump Coupling		52/	Except United States	–	1	–

†Replaced by (1) E1ADDN-993183-A Coupling, (1) E1ADDN-993184 Pad, (1) E1ADDN-993187 flange.

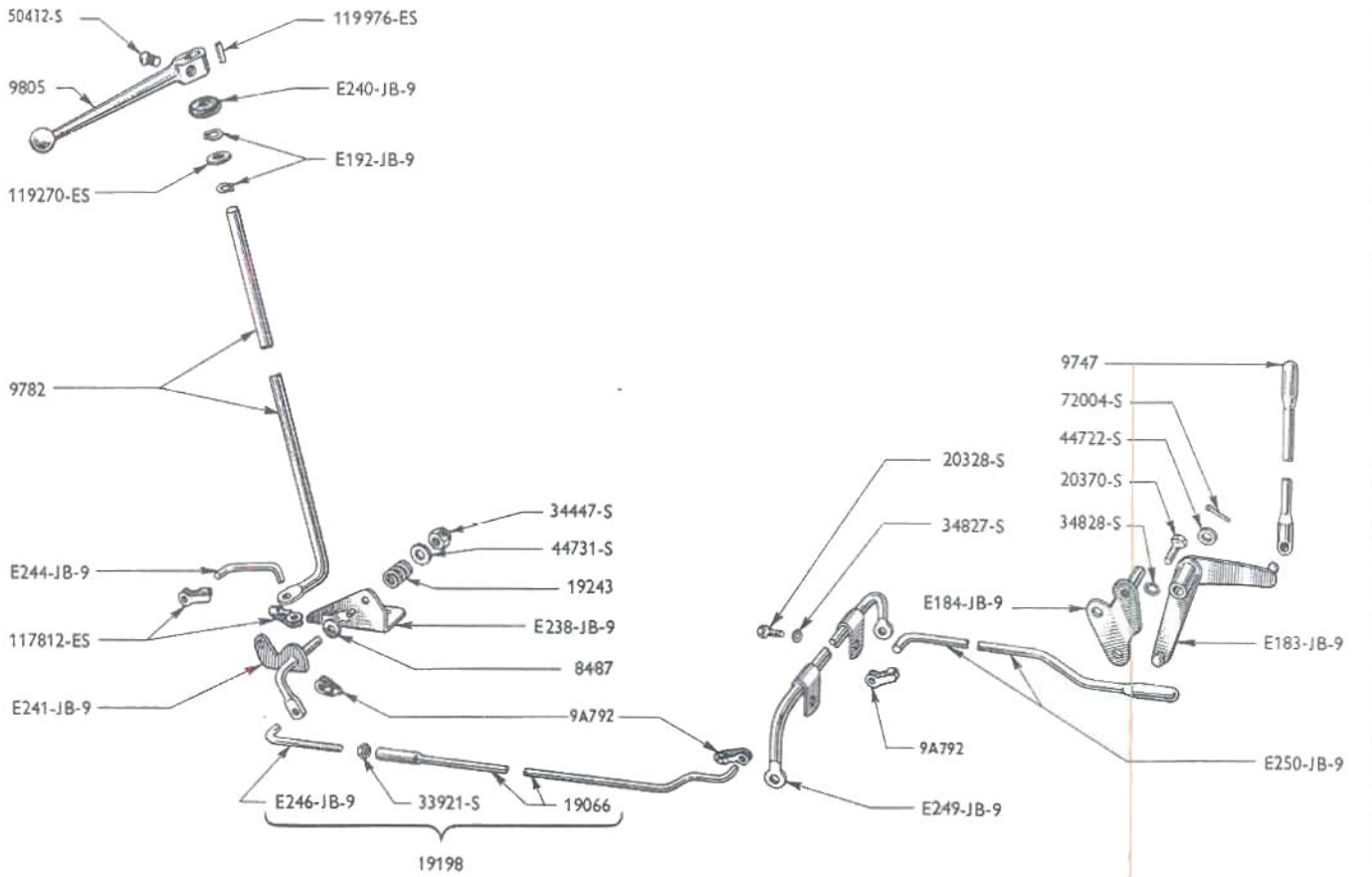
⊕ Optional in sets.

FUEL SYSTEM—*continued*
FUEL INJECTION EQUIPMENT—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		INJECTION PUMP COUPLING						
JF	116127-ES2	Washer (flange to claw plate)		52/	Replaces 44722-ES7.8	–	2	–
JF	20367-S7/8	Screw (flange to claw plate)		52/		–	2	–
JF	34826-S7/8	Lockwasher		52/		–	2	–
JF	20521-S7/8	Bolt (flange clamping)		52/		–	1	–
	117600-ES7	Nut		52/58/5		–	1	–
JF	34447-S7/8	Nut		5/58/		–	1	–
JF	E231-CL-9	Washer (flange clamping screw)		4/55/61/4	Use with E69-CP-9 or E1ADDN-66607-B	–	1	–
	34806-S	Lockwasher		52/58/5		–	1	–
	E231-CL-9	Washer		4/61/		–	1	–
	E751-CL-5	Flange (injection pump drive coupling) – engine half		4/61/		–	1	–
	20521-S7/8	Bolt		4/61/		–	1	–
	117600-ES7/8	Nut		4/61/		–	1	–
	34806-S7/8	Screw		4/61/		–	1	–
	E348-CL-9	Flange (injection pump drive coupling) – engine half		52/62/4		–	1	–
	E348-CL-9	Flange (injection pump drive coupling) – engine half		52/62/4		–	1	–
	E1ADDN-993186-B	Flange (injection pump drive) assy. – engine half)		4/62/		–	1	–
	E1ADDN-993186-B	Flange (injection pump drive) assy. – engine half		4/61/	Use with E68-CP-9	–	1	–
	113580-ES7/8	Bolt driven shaft coupling to auxiliary drive shaft clamp		4/62/		–	1	–
	74178-S	Key (flange to pump camshaft)		4/62/		–	1	–
JF	E1ADDN-993187	Flange (injection pump drive coupling) – pump half	5	52/		–	1	–
	♦E1ADDN-993187	Flange (injection pump drive coupling) –pump half		2/60/		–	1	–
	74175-S	Key (flange to pump camshaft)		52/61/4		–	1	–
	33846-S2	Nut (flange to pump camshaft)		52/		–	1	–
	34809-S	Lockwasher		52/		–	1	–
JF	E1ADDN-993188	Plate (injection pump drive coupling claw)	5	52/		–	1	–
JF	E1ADDN-993189-B	Bolt (injection pump leak-off pipe banjo)	3	52/		–	1	–
	♦E1ADDN-993189-B	Bolt (injection pump leak-off pipe banjo)		3/60/		–	1	–
JA	E1ADDN-993196-B	Nut (fuel injector) – cap	2	52/		–	4	–
	E1ADDN-993197-B	Adaptor (fuel injector inlet)	2	54/		–	4	–
	E1ADDN-993198	Washer (fuel injector inlet adaptor)	2	52/		–	4	–
		PRIMARY AIR CLEANER						
	E1ADKN–9680-A	Cleaner (primary air) assy		52/54		1	1	1
MC	E1ADKN–9680-B	Cleaner (primary air) assy	5	54/	With E1ADKN-18205-B	1	1	1
MC	E1ADKN–9680-D	Cleaner (primary air) assy		4/57/	Short type	1	1	–
MC	E1ADKN–9680-E	Cleaner (primary air) assy		4/57/	Long type-when requested	1	1	–
		CARBURETTOR CHOKE CONTROL						
	E1ADKN–9700	Control (carburettor choke) assy.	5	52/59/3		1	–	1
	E1ADKN–9700	Control (starter carburettor) assy.	5	52/		–	–	1
JA	E1ADN –9700	Control (carburettor choke) assy.		3/59/		1	–	–
JA	351052-S7	Nut		52/		1	–	1
JA	351452-S7	Washer		52/		1	–	1
	26466-S7/8	Screw (trunnion)		52		–	–	1
	E1ADN-9792	Clip (carburettor choke control)		52/		1	–	1
	N –9704-A	Spring (magneto retarding handle)		52/	See "Magneto"	1	–	1
NC	N –9709-A	Spring (magneto retarding handle)		53/	See "Magneto"	1	–	1
	°510E–993187-C	Flange - Injection pump drive		52/	Except United States	–	1	–
	°510E–993188	Plate - Injection pump coupling dog		52/	Except United States	–	1	–
	° 112936-ES	Bolt 5/16 - 24 x 1.61 Hex Hd. Dowel End		52/	Except United States	–	1	–

°510E-993184-B, 510E-993187-C, 510E-993188 & 112936-ES must be used together for special conditions.
♦Use with E1ADDN-993101-D

JK



USED 8/58/62/4

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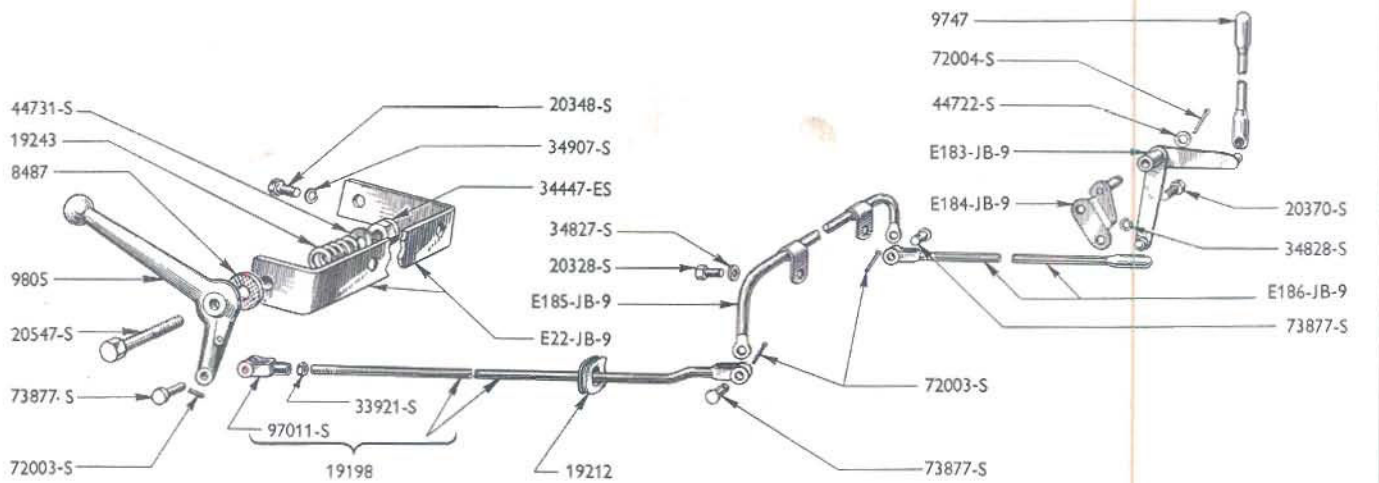


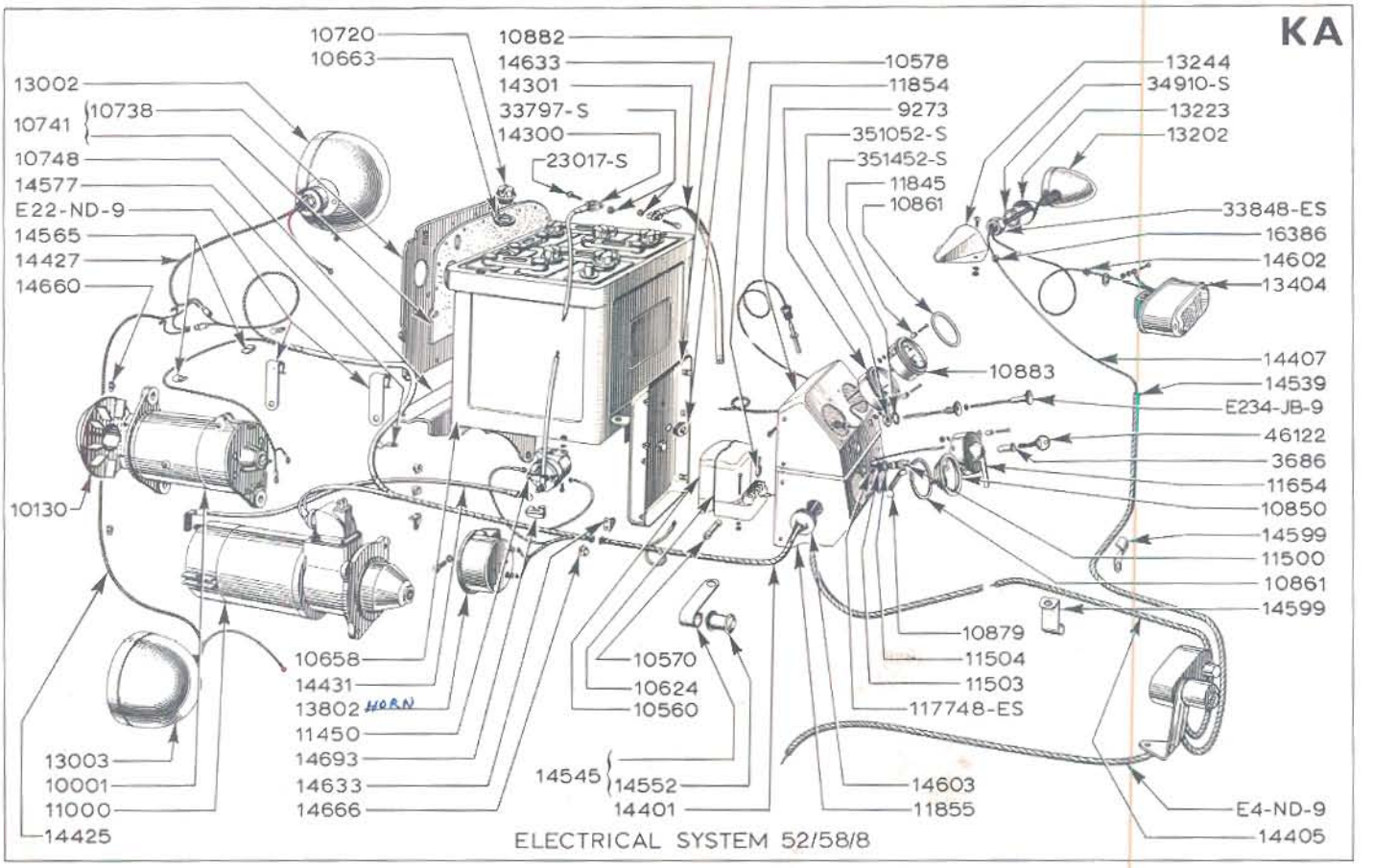
USED 4/57/58/8
THROTTLE LINKAGE

FUEL SYSTEM — *continued*

THROTTLE CONTROL LINKAGE

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
NB	EIADDN–9733	Spindle (throttle control relay)		52/57/4		–	1	–
NB	EIADDN-66026	Bush (relay spindle)		52/57/4		–	1	–
	EIADDN–9739-B	Lever (throttle control relay spindle)		52/54		–	1	–
NB	E41-JB-5	Lever (throttle control relay spindle)		54/57/4		–	1	–
NB	20325-S7/8	Screw		54/57/4		–	1	–
NB	34805-S7	Lockwasher		54/57/4		–	1	–
NB	EIADDN–9747-A	Rod (throttle control) assy.	3	52/57/4		–	1	–
JK	EIADDN–9747-B	Rod (throttle control) assy.	2	4/57/62/4	Except with EIADDN-993101-D	–	1	–
	EIADDN–9751	Clamp (throttle control relay spindle lever)		52/54		–	1	–
JK	EIADDN–9782-B	Rod (hand throttle operating)		8/58/		1	1	–
JK	E240-JB-9	Grommet (throttle rod to instrument panel)		8/58/		1	1	–
JK	E192-JB-9	Ring (throttle operating rod)–lock		8/58/		2	2	–
JK	119270-ES	Washer		8/58/		1	1	–
	EOTA –9792	Clip (starter control bracket)		52/	See "Starter Control"	1	–	1
	EOTA –9792	Clip (engine stop control bracket)		4/62/		–	1	–
	EIADN –9792	Clip (carburettor choke control)		52/	See previous Section	1	–	1
	EIADN –9792	Clip (fuel injection pump stop and excess fuel control cable)		3/60/	Use with EIADDN-993101-D	–	1	–
JK	EIADDN-19198-B	Rod (throttle manual control) and extension assy.		7/54/57/4	Use with E41-JB-5	–	1	–
	EIADDN-19198-C	Rod (throttle manual control) assy.		4/57/58/8		–	1	–
JK	EIADDN-19198-D	Rod (throttle operating control rod) assy.		8/58/62/4	Except with EIADDN-993101-D	–	1	–
	EIADDN-19198-E	Rod (throttle manual control) assy.		3/60/62/4	Use with EIADDN-993101-D	–	1	–
	EIADDN-19198-F	Rod (throttle manual control) assy		4/62/		–	1	–
JK	EIADN-19198	Rod (governor manual control) and extension assy.		8/58/		1	–	–
	33796-S7/8	Lock nut (extension)		52/		–	1	–
JK	73877-S7/8	Clevis pin (rod to control lever)		52/		–	1	–
JK	72003-S	Split pin		52/		–	2	–
NB	N-19064	Extension (throttle manual control rod)		52/57/4		–	1	–
JK	EIADKN-19212	Grommet (throttle manual control rod)	2	52/57/4		–	1	–
	EIADDN –9798	Clip (engine stop control)		52/	See next section	–	1	–
NB	EIADN –9805-D	Lever (governor manual control) assy.		52/58/8	Use with Tachometer	1	–	–
	EIADN –9805-D	Lever (throttle manual control) assy.		52/58/8		–	1	–
JK	957E –9805-A	Lever (throttle manual control)		8/58/60/1		1	1	–
JK	957E –9805-B	Lever (throttle manual control)		1/60/		1	1	–
	119976-ES7/8	Pin (lever to operating rod)		8/58/60/1		1	1	–
JK	50412-S13	Screw (manual throttle lever clamping)		1/60/		1	1	–
JK	E244-JB-9	Rod (throttle friction pad to operating rod)		8/58/		1	1	–
JK	E241-JB-9	Rod (throttle friction pad) and lever assy.		8/58/		1	1	–
JK	EIADKN-19243	Spring (throttle friction pad lever)		8/58/		1	1	
JK	34447-ES	Nut		8/58/		1	1	
	44731-S	Washer		8/58/		1	1	
JK	E238-JB-9	Bracket (throttle friction pad support) assy.		8/58/		1		
JK	C5NE–9A792-A	Clip (throttle linkage)		8/58/	Replaces 117812-ES	4/54		
	73296-ES2	Pin (control lever)		52/57/10		–		
	20555-S2	Bolt (lever to mounting bracket)		52/54		–	1	
JK/NB	20547-S4	Bolt (lever to mounting bracket)		54/		1		
	EIADKN-8487-A	Pad (throttle control lever)–friction		52/54		–		
JK	EIADKN-8487-B	Pad (throttle control lever)–friction		54/		1		
JK	34447-ES	Lock nut		52/		–		
JK	44731-S2	Washer		52/				

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.
		FUEL SYSTEM—*continued*				P D V
		THROTTLE CONTROL LINKAGE—*continued*				
NB	E22-JB-9	Bracket (throttle and starter lever mounting)		54/58/8		– 1 –
	20348-S2	Screw (bracket to primary gear lever housing)		52/58/8		– 2 –
JK	34907-S7	Lockwasher		52/		– 2 –
JK	EIADKN-19243	Spring (throttle manual control lever)		52/58/8		– 1 –
JK	E183-JB-9	Lever (throttle relay) assy.		4/57/62/4		– 1 –
JK	44722-S7	Washer (throttle relay lever to relay bracket)		4/57/62/4		– 1 –
JK	72004-S2	Split pin		4/57/62/4		– 1 –
JK	E184-JB-9	Bracket (throttle relay lever) assy.		4/57/62/4		– 1 –
JK	20370-S7/8	Bolt (throttle relay bracket to cylinder block)		4/57/62/4		– 2 –
JK	34828-S7	Lockwasher		4/57/62/4		– 2 –
JK	E185-JB-9	Shaft (throttle relay) assy.		4/57/58/8		– 1 –
JK	E250-JB-9	Shaft (throttle relay) assy.		8/58/62/4		– 1 –
JK	20328-S2	Bolt (throttle relay shaft to cylinder block)		4/57/62/4		– 2 –
JK	34827-S7	Lockwasher		4/57/62/4		– 2 –
JK	E186-JB-9	Rod (throttle relay) assy.		4/57/58/8		– 1 –
JK	E249-JB-9	Rod (throttle relay) assy.		8/58/62/4	Except with EIADDN-993101-D	– 1 –
	73877-S7/8	Clevis pin (throttle relay rod to shaft)		4/57/58/8		– 2 –
	72003-S7/8	Split pin		4/57/58/8		– 2 –
		ENGINE STOP CONTROL				
KA	EIADDN-99785	Control (engine stop) assy.	15	52/58/4		– 1 –
KA	E234-JB-9	Control (engine stop) assy.		4/58/58/8		– 1 –
KA	E247-JB-9	Control (engine stop) assy.	2	8/58/	Except with EIADDN-993101-D	– 1 –
	E328-JB-9	Control (engine stop) assy.		3/60/	Use with EIADDN-993101-D	– 1 –
	E140-JB-9	Cover (engine stop control)		7/56/		– 1 –
KA	351052-S7	Nut (control to instrument box)		52/		– 1 –
KA	351452-S7	Lockwasher		52/		– 1 –
	EIADDN-9798	Clip (engine stop control)		52/		– 1 –
	CE-14612	Anti-rattle (engine stop control)		52/		– 1 –
	E392-JB-5	Bracket (engine stop control)		4/62/		– 1 –
	EOTA-9792	Clip (engine stop control bracket)		4/62/		– 1 –
	995929-ES7/8	Screw		4/62/		– 1 –
	34903-S7/8	Washer		4/62/		– 1 –
	996302-ES8A	Nut		4/62/		– 1 –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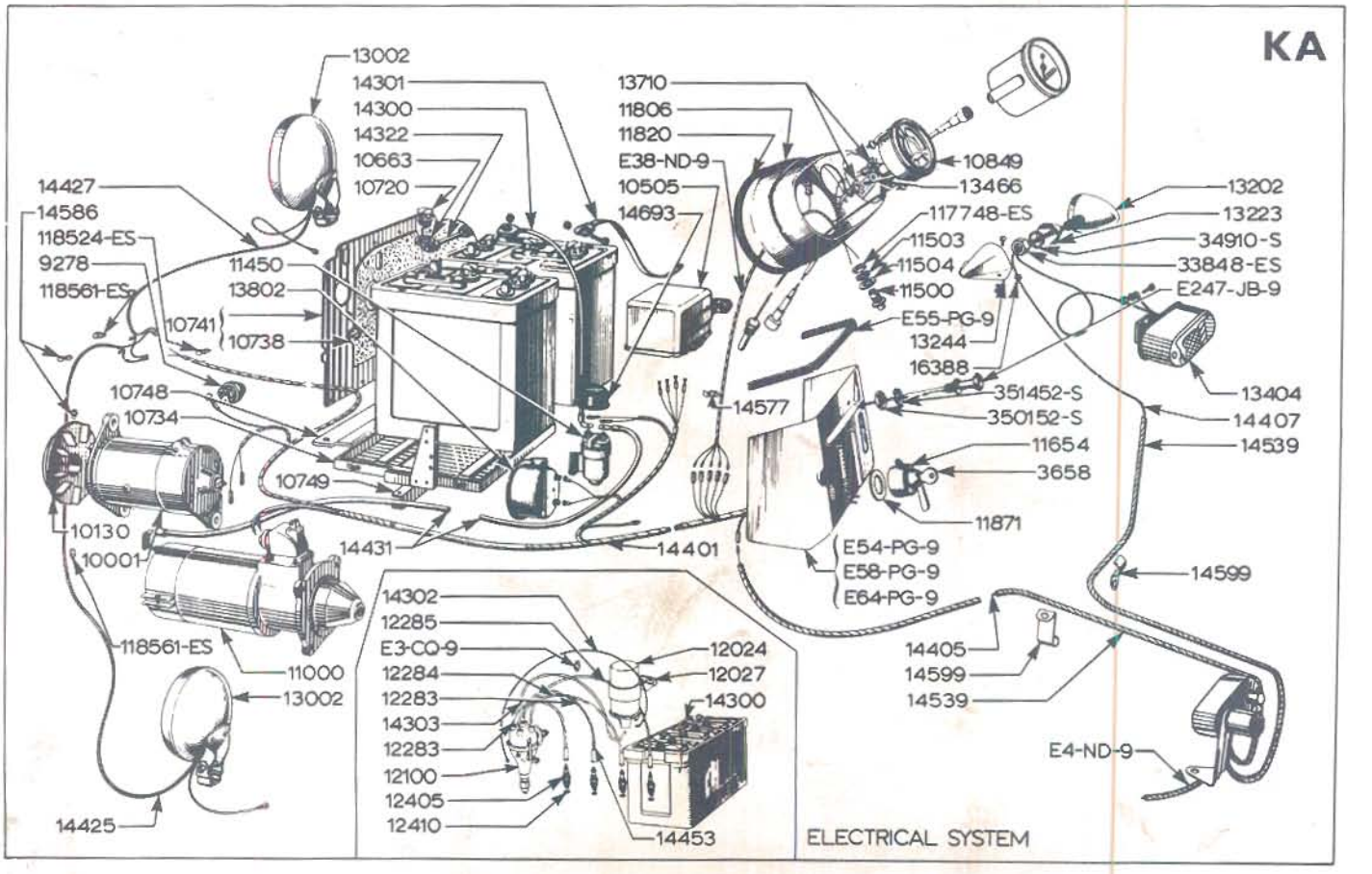
ELECTRICAL SYSTEM 52/58/8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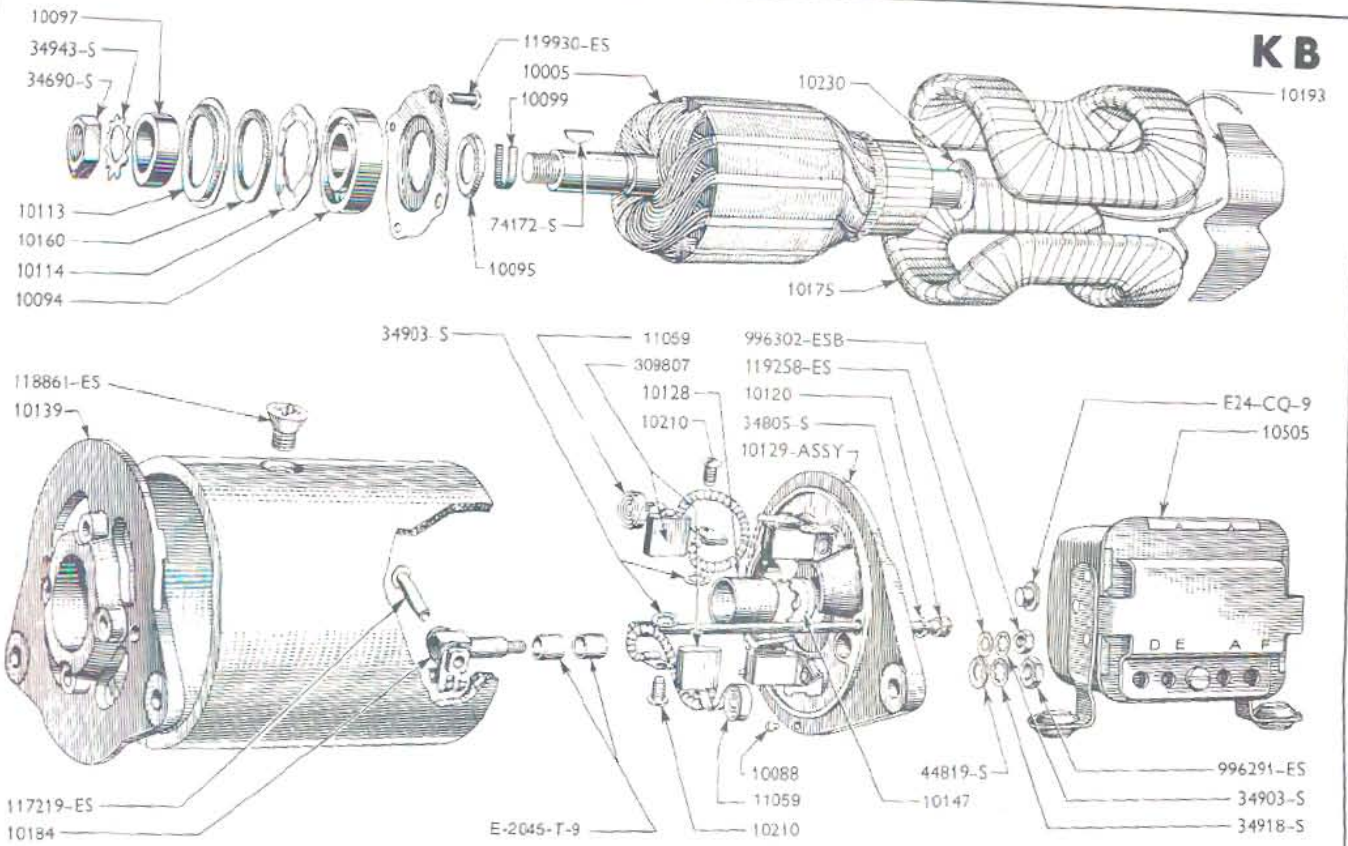
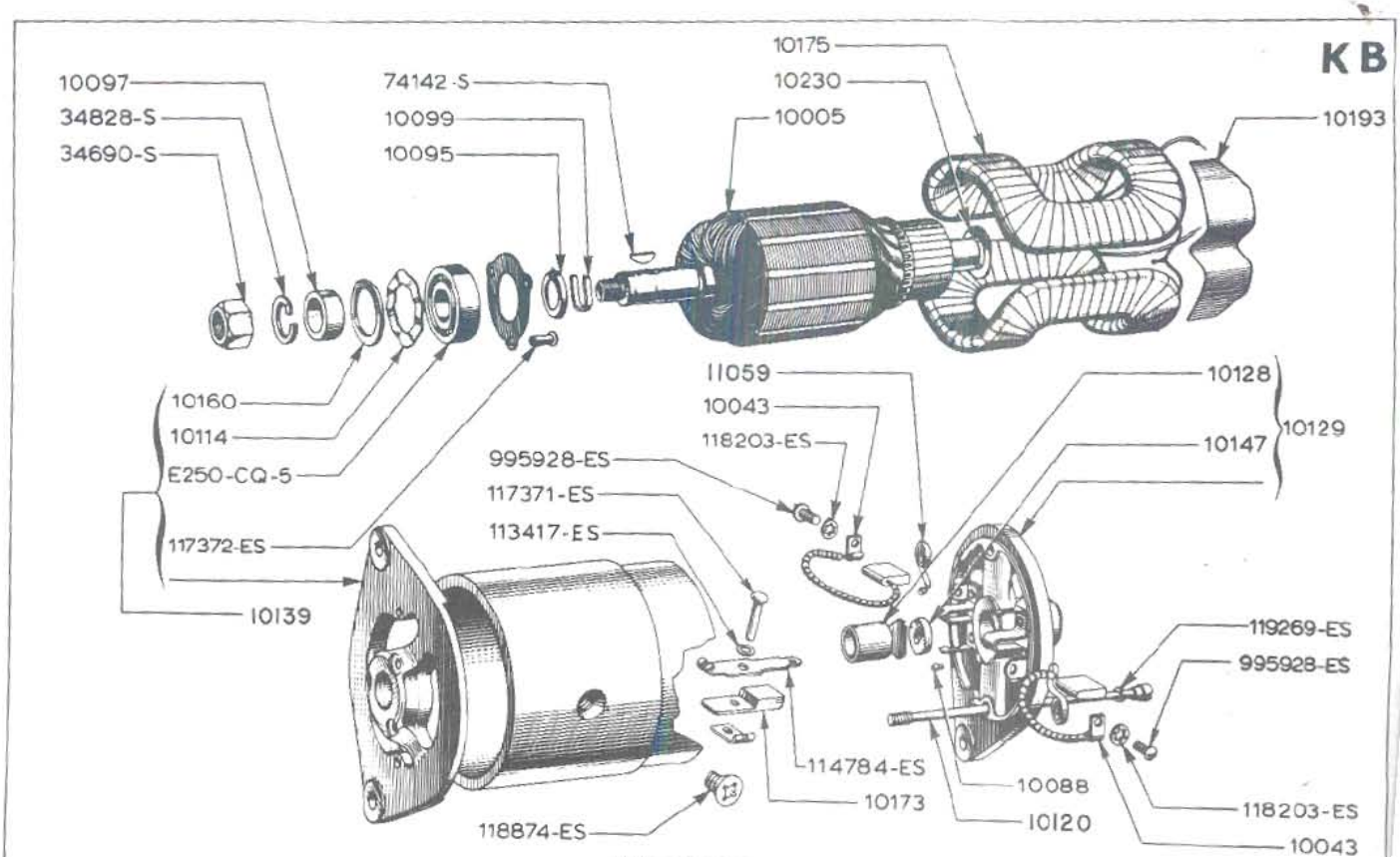
ELECTRICAL SYSTEM



GENERATOR AND REGULATOR



GENERATOR

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
		ELECTRICAL SYSTEM				
		GENERATOR				
KA †† * ▲	E1ADN –10001	Generator assy.–less pulley	2	52/		1 1 1
	45521-S2	Bolt (generator to front bracket)		52/		1 1 1
	33798-S2	Nut		52/		1 1 1
	34846-S7	Lockwasher		52/		1 1 1
KB	105E–10005-B	Armature (generator) assy	2	52/62/11	Repl. E0TA-10005	1 1 1
KB	E1ADN –10005	Armature (generator) assy.		11/62/		1 1 –
KB	34690-S2	Nut (pulley to armature shaft)		52/		1 1 1
KB	34943-S2	Washer (shakeproof)		52/62/11		1 1 1
	34828-S7	Lockwasher		11/62/		1 1 1
KB	74172-S	Key (armature shaft)		52/		1 1 1
KB	E93A –10043	Kit (generator brush)	10	52/62/11		1 1 1
KB	2701E-11059-A	Spring (starter motor brush)	2	52/	See "Starter Motor"	– 4 –
KB	E88C –10068	Spring (generator brush)	2	52/62/11		2 2 2
KB	109E –10068	Spring (generator brush)	1	11/62/		2 2 –
KB	309807	Kit (Generator Brush) (Consists of 2 brushes)		11/62	Repl. 105E-10069	1 1 –
	995928-ES	Screw (generator brush connection)		54/		2 2 2
	118203-ES2	Lockwasher		54/		2 2 2
KB	7W –10088	Dowel (generator end plate)	2	52/		2 2 2
	7W –10088	Dowel (starter end plate)	2	52/	See "Starter Motor"	2 2 2
	E1ADDN–10088	Dowel (starter drive housing)	2	52/	See "Starter Motor"	– 1 –
HC	YE –10094	Bearing (magneto ball) assy.	2	53/	See "Magneto"	1 – 1
KB	YE –10094	Bearing (generator drive end) assy.	2	52/62/11		1 1 1
KB	E250-CQ-5	Bearing (generator drive end) assy.		11/62/		1 1 –
	E93A –10095	Retainer (generator drive end bearing ring)		52/		1 1 1
KB	105E –10097	Collar (generator drive end bearing)		52/		1 1 1
KB		Plate (generator drive end bearing ret.) (Not Serviced)		52/62/11	Use E27N-10139-C	1 1 1
KB	119930-ES	Rivet (plate to end plate)		52/62/11		4 4 4
KB	105E –10098	Plate (generator drive end bearing retainer)		11/62/		1 1 –
KB	117372-ES	Rivet (plate to end plate)		11/62/		3 3 –
KB	E93A –10099	Ring (generator drive end bearing retainer)		52/		1 1 1
KB	YE –10113	Retainer (generator drive end bearing felt)	2	52/62/11		1 1 1
KB	YE –10114	Washer (generator drive end bearing corrugated)	2	52/		1 1 1
KB		Retainer (generator bearing felt) (not serviced)		54/62/11	Use E27N-10129-D	1 1 1
KB	E1ADN –10115	Retainer (generator bearing felt)		11/62/		1 1 –
	E93A –10126	Plate (generator commutator end terminal insulating)		52/54/		1 1 1
KB	E0TA –10128-B	Bush (generator commutator end plate)	10	54/		1 1 1
KB	E27N –10129-D	Plate (generator commutator end) assy.	2	52/62/11		1 1 1
KB	E1ADN –10129	Plate (generator commutator end) assy.		11/62/		1 1 –
KB	E24-CQ-9	Plug (end plate oil hole)		54/62/11		1 1 1
KB	996291-ES	Nut (terminal)		52/62/11		1 1 1
	34905-S8	Washer (shakeproof)		52/54		1 1 1
KB	34918-S	Washer		54/62/11		1 1 1
KB	44819-S	Washer (main terminal)		54/62/11		1 1 1
	†† E1ADKN–10130-C	Pulley (generator) assy.		52/54/9		1 1 1
	* E1ADKN–10130-D	Pulley (generator) assy.		9/54/	Narrow fan belt	1 1 1
KB	E1ADN –10138	Bracket (generator drive end) assy.		11/62/		1 1 –
KB	E27N –10139-C	Plate (generator drive end) assy.		52/62/11		1 1 1

*These parts together replace generator used 54/62/11 in production

††These parts together replace Generator used 52/54 in production.

▲With (1) 105E-14454-B (1) 105E-14454-C, (1) 114777-ESA, (1) 114775-ESA replaces previous type generator used 54/62/11

ELECTRICAL SYSTEM — *continued*

GENERATOR—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E93A –10144	Band (generator cover) assy.		52/62/11		1	1	1
	27161-S7/8	Screw (band)		52/62/11		1	1	1
	34141-S7	Nut		52/62/11		1	1	1
	EIADKN–10145	Arm (generator adjusting)		52/59/11		1	1	1
HC	EIADDN–10145	Arm (generator adjusting)		11/59/		1	1	–
	45516-S2	Screw (arm to engine front cover)		52/59/11		1	1	1
	20466-S	Screw (arm to engine front cover)		11/59/		1	1	–
HC	20366-S8	Bolt (fan belt idler bracket to generator adjusting arm)		▲		–	1	–
HC	33797-S7	Nut		▲		–	1	–
	34846-S7	Lockwasher		52/		1	1	1
HC	34806-S36	Lockwasher		▲		–	1	–
HC	44724-S2	Washer		▲		–	1	–
	E219-Z-2	Kit (generator oiler, wick and spring)		52/54		1	1	1
	EOTA –10147	Washer (generator commutator end bracket oil retainer felt)		54/62/11		1	1	1
KB	105E –10147	Washer (generator commutator end bracket oil retainer felt)		11/62/		1	1	–
HC	EIADKN–10153	Bracket (generator support)—front		52/		1	1	1
HC	20406-S2	Screw (front bracket to cylinder block)		52/61/4		2	2	2
	304701-S36	Bolt (front bracket to cylinder block)		4/61/		2	2	–
HC	45521-S2	Bolt (fan belt idler bracket to generator front support)		▲		–	1	–
HC	33798-S2	Nut		▲		–	1	–
	34846-S7	Lockwasher		52/		2	2	2
HC	34846-S7	Lockwasher		▲		–	1	–
KB	YE –10160	Felt (generator drive end bearing oil retaining)	2	52/		1	1	1
	EIADKN–10161	Bracket (generator support) assy.—rear		52/		1	1	1
	33798-S2	Nut (bracket)		52/		1	1	1
	34826-S7	Lockwasher		52/		1	1	1
	20346-S7/8	Screw (rear bracket to cylinder block)		52/		2	2	2
	34826-S7	Lockwasher		52/		2	2	2
KB	C5NF–10120-A	Bolt (generator frame through)		52/		2	2	2
KB	34805-S7	Lockwasher		52/62/11		2	2	2
KB	119269-ES4	Lockwasher (generator frame through bolt)		11/62/		2	2	–
KB	105E –10173	Insulator (generator field terminal)		11/62/		1	1	–
KB	E2039-T-9	Coil (generator) assy.	3	52/62/11		1	1	1
KB	C5NF–10175-A	Coil (generator) assy.		11/62/		1	1	–
KB	118861-ES	Screw (pole piece to yoke)		52/62/11		2	2	2
KB	118874-ES	Screw (pole piece to yoke)		11/62/		2	2	–
KB	E93A –10184-B	Terminal (generator field) assy.	2	52/62/11		1	1	1
KB	996302-ESB	Nut		52/62/11		1	1	1
KB	119258-ES	Washer		52/62/11		1	1	1
KB	34903-S7	Lockwasher		52/62/11		1	1	1
	119437-ES	Rivet (terminal to frame)		52/62/11		1	1	1
KB	114784-ES	Terminal (generator field)—Flat blade type		11/62/		2	2	–
KB	117371-ES 7/8	Rivet (generator field terminal to frame)		11/62/		1	1	–
KB	113417-ES	Washer (generator field terminal to frame)		11/62/		1	1	–
KB	E2045–T-9	Insulator (generator field coil)	5	52/62/11		1	1	1
KB	E62A –10193	Insulator (generator field coil connecting wire)	2	52/62/11		1	1	1
KB	109E –10193	Insulator(generator field coil connecting wire)		11/62/		1	1	–
KB	995928-ES	Screw (generator brush connection)		52/54		2	2	2
KB	E93A –10230	Washer (generator commutator end distance)		52/		1	1	1

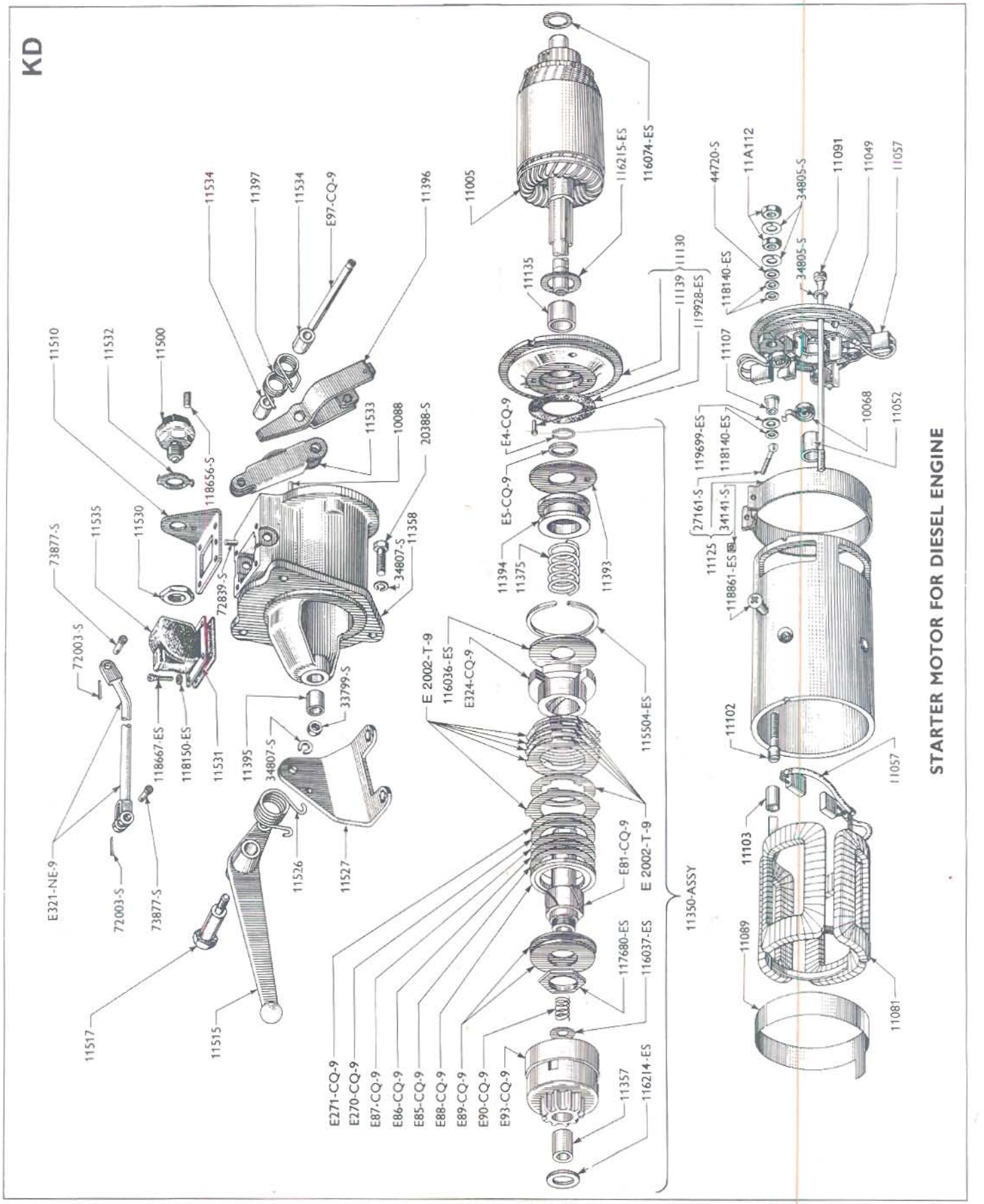
▲Use with Inertia Starter, less electric lighting—Export when requested.

ELECTRICAL SYSTEM — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		REGULATOR						
	E1ADDN–10505	Regulator (generator) assy		2/60/		1	1	–
KA	E27N –10505-F	Regulator (generator) assy.	10	52/60/2		1	1	1
KA	*E27N –10505-F*	*Regulator (generator) assy*		52/60/2	*Parts Ex Plan Domestic only*	*1*	*1*	*1*
	E7-NG-1	Set (regulator cut-out control) assy.		52/60/2		1	1	1
	E8-NG-1	Set (regulator voltage contact control) assy.		52/60/2		1	1	1
	27153-S7	Screw (regulator to instrument box)		52/58/8		2	2	2
	34079-S7/8	Nut		52/58/8		2	2	2
	34803-S7/8	Lockwasher		53/58/8		2	2	2
KA	E93A –10560	Cover (generator regulator)	2	52/60/2		1	1	1
	E100-CQ-9	Cover (generator regulator)—upper		8/58/60/2		1	1	–
	E99-CQ-9	Cover (generator regulator)—lower		8/58/60/2		1	1	–
	27153-S7	Screw (regulator cover to air cleaner)		8/58/60/2		2	2	–
	20324-S7/8	Screw (regulator to air cleaner)		2/60/		2	2	–
	34079-S7/8	Nut		8/58/60/2		2	2	–
	117657-ES32	Nut		2/60/		2	2	–
	34803-S7/8	Lockwasher		8/58/		2	2	–
KA	E27N –10570-B	Resistance (generator regulator) assy.		52/60/2		1	1	1
KA	E93A –10578	Terminal (generator regulator)		52/60/2		5	5	5
	ET6-14461	Terminal (main wiring to regulator)		2/60/61/6		4	4	–
	ET6-14461	Terminal (main wiring to regulator)		6/61/		2	2	–
	118767-ES	Screw (generator regulator terminal)		52/		5	5	5
	E1ADDN–10612	Grommet (generator regulator cover)		8/58/60/2		2	2	–
KA	E93A –10624	Ball (generator regulator cover)		52/60/2		1	1	1
		BATTERY AND TRAY						
KA	E1ADDN–10658-A	Battery assy.—drycharged		52/56/11		–	1	–
KA	E1ADDN–10657-D	Battery assy.—drycharged (repl. E1ADDN-10658-C)	2	11/56/	Except with inertia starter	–	2	–
KA	E0A –10663-A	Washer (battery filler plug)		52/		6	6	6
KA	E1ADDN–10720-C	Plug (battery filler)		52/		6	6	6
KA/EG	E1ADDN–10734-B	Tray (battery) assy.		11/56/	Except with inertia starter	–	1	–
	E1ADDN–10730	Pad (battery to tray)		11/56/		–	2	–
	E1ADDN–10734-A	Tray (battery) assy.		52/56/11		–	1	–
	20326-ES2	Bolt (tray to support brackets)		52/56/11		4	2	4
	20326-ES2	Bolt (tray to support brackets)		11/56/		3	1	3
	20326-ES2	Bolt (battery tray to battery tray support bracket rail)		4/59		–	2	–
	33797-S7	Nut		52/56/11		4	2	4
	33797-S7	Nut		11/56/		3	1	3
	33797-S7	Nut		4/59/		–	2	–
	34806-S36	Lockwasher		52/56/11		4	2	4
	34806-S36	Lockwasher		11/56/		3	1	3
	34806-S36	Lockwasher		4/59/		–	2	–
	E10-NA-9	Pad (battery tray to battery)		54/		2	–	2
KA	E1ADDN–10738	Baffle (battery heat)		52/		1	1	–
	117232-ES	Rivet (baffle to reinforcement plate)		4/57/		10	10	–
	63345-S7	Rivet (baffle to reinforcement plate)		52/		8	8	8
	118135-ES	Washer		52/		8	8	8

Illus. No	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
		ELECTRICAL SYSTEM—*continued*				
		BATTERY AND TRAY—*continued*				
KA	E1ADDN–10741	Baffle (battery heat) and reinforcement plate assy.		52/		1 1 –
	E1ADKN–10744-A	Support (battery heat baffle to tray)		52/56/11		1 1 1
	E1ADDN-10763	Support (battery heat shield)		11/56/	Replaces E1ADDN-10744-B	1 1 1
KA	††E1ADDN–10748-B	Bracket (battery tray support)–front		52/		– 1 –
KA	E1ADKN–10748-B	Bracket (battery tray support) assy.– front		54/	Diesel up to 54/12 only	1 1 1
KA	E1ADKN–10748-B	Bracket (battery tray support) assy.–front		4/59/	Use with Inertia starter	– 1 –
	E6-NA-9	Bracket (battery to tray support)		52/54	With E1ADDN-10748-B replaces earlier type front brkt.	2 2 2
KA	E1ADDN–10749-B	Bracket (battery tray support)–rear		52/		– 1 –
KA	E1ADKN–10749-B	Bracket (battery tray support)–rear		54/		1 – 1
	20370-S7/8	Screw (rear support to front transmission housing)		52/		2 2 2
	34808-S7/8	Lockwasher		52/		2 2 2
	E1ADKN–10753	Bracket (battery heat baffle to bonnet catch)		52/56/11		2 2 2
	E9-NA-9	Support (battery) heat baffle to air cleaner support bracket		52/		1 1 –
		AMMETER AND WATER TEMPERATURE GAUGE				
KA	E1ADDN–10849	Gauge (temperature, generator and oil) assy.	3	8/58/		1 1 –
	E417-NE-9	Clamp (temp., generator and oil gauge)		8/58/		2 2 –
KA	E1ADKN–10850	Ammeter assy.	10	52/58/8		1 1 1
KA	E1ADKN–10861	Gasket (water temperature gauge)		52/58/8		1 1 1
	E1ADKN–10861	Gasket (oil pressure gauge)		52/58/8		1 1 1
KA	E1ADKN–10861	Gasket (ammeter)		52/58/8		1 1 1
KA	8N –10879	Clamp (ammeter mounting)		52/58/8		1 1 1
	34079-S7/8	Nut (clamp to ammeter)		53/58/8		2 2 2
	34803-S7/8	Lockwasher		52/58/8		2 2 2
KA	E1ADKN–10882	Grommet (water temperature gauge tube)		52/58/8		1 1 1
KA	E1ADKN–10883-D	Gauge (water temperature) assy.	10	52/58/8		1 1 1
	26512-S2	Bolt (gauge to instrument box)		52/58/8		2 2 2
	34052-S7/8	Nut		52/58/8		2 2 2
	34802-S7/8	Lockwasher		52/58/8		2 2 2
	E1ADKN–10911	Adaptor (water temperature gauge to cylinder head)		52/54/12		1 1 1

††With E6-NA-9 replaces earlier type front bracket.


KD
STARTER MOTOR FOR DIESEL ENGINE
11005
116215-ES
116074-ES
11135
11130
11139
119928-ES
E4-CQ-9
E5-CQ-9
11394
11375
11393
11396
11534
11397
11534
E97-CQ-9
11533
10088
20388-S
11358
34807-S
72839-S
33799-S
11395
34807-S
11531
11526
11527
11510
11532
11500
118656-S
11530
11535
73877-S
72003-S
118667-ES
118150-ES
E321-NE-9
72003-S
73877-S
11517
11515
E 2002-T-9
116036-ES
E324-CQ-9
115504-ES
E81-CQ-9
E 2002-T-9
11350-ASSY
117680-ES
116037-ES
11357
116214-ES
E271-CQ-9
E270-CQ-9
E87-CQ-9
E86-CQ-9
E85-CQ-9
E88-CQ-9
E89-CQ-9
E90-CQ-9
E93-CQ-9
44720-S
11A112
34805-S
34805-S
11091
11049
11057
118140-ES
11107
119699-ES
118140-ES
27161-S
34141-S
11125
118861-ES
10068
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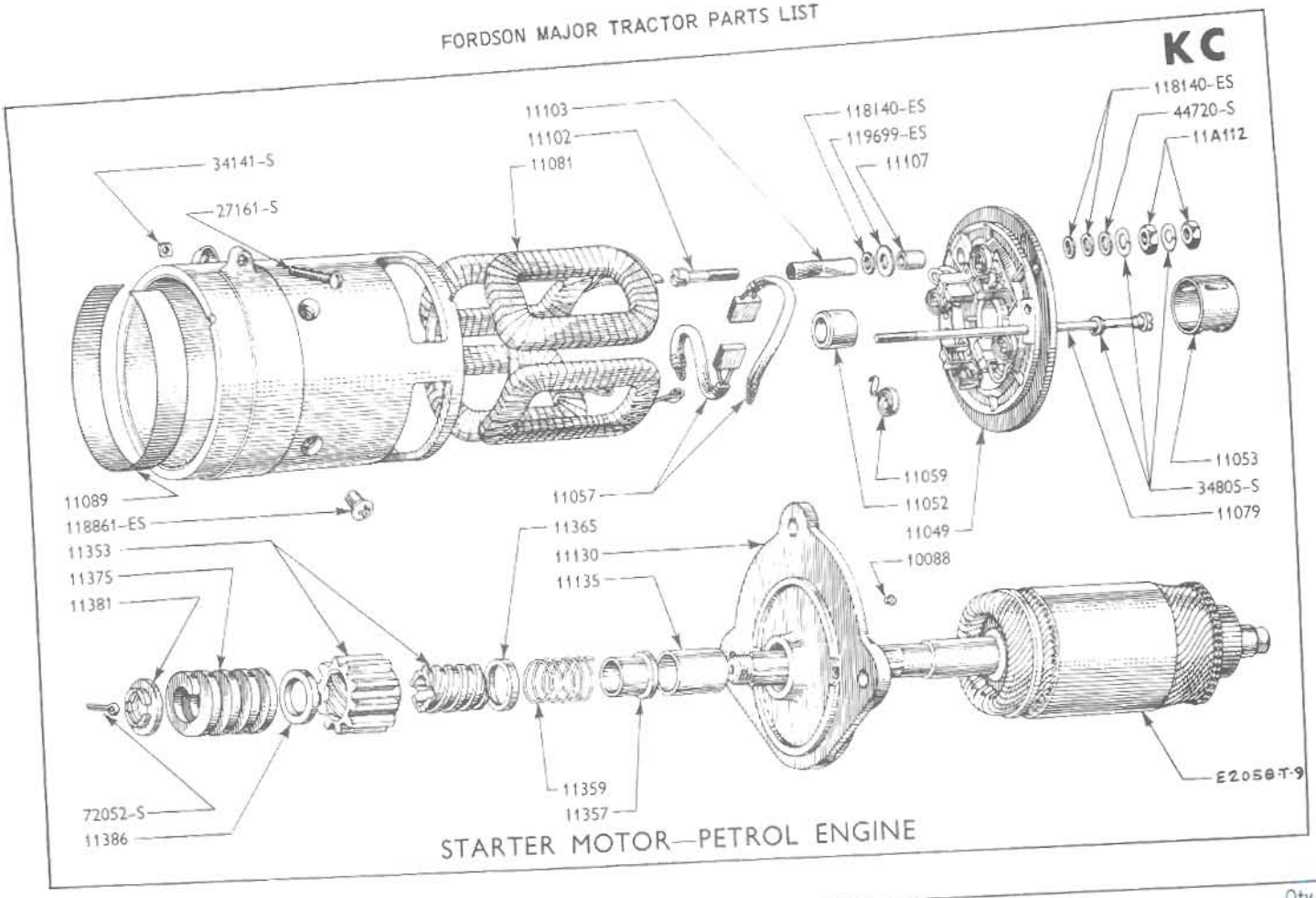
11057
11103
11089
11081



STARTER MOTOR—PETROL ENGINE

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

ELECTRICAL SYSTEM—*continued* P D V

STARTER MOTOR

KA		E1ADDN–11000-D	**Starter motor, drive and switch assy.**		52/		– 1 –
KA		E1ADKN–11001-C	**Starter motor and drive assy.**		52/		1 – 1
		E249-CQ-9	**Starter (inertia) and handle assy.**		4/59/	Export only—when requested	– 1 –
KD		20388-S2	**Screw (starter motor to cylinder block)**		52/		3 3 3
KD		34807-S36	Lockwasher		52/		3 3 3
		E1ADDN–11005-B	**Armature (starter motor) assy.**	5	52/60/6		– 1 –
KD		E1ADDN–11005-C	**Armature (starter motor) assy.**		6/60/		– 1 –
KC		E2058-T-9	Armature (starter motor) assy.		52/		1 – 1
		E2059-T-9	Cup (armature drive retainer)		52/		1 – 1
		E2060-T-9	Circlip (armature drive retainer)		52/		1 – 1
		118228-ES	**Washer (armature drive end thrust)**		52/60/6		– 1 –
KD		116214-ES	**Washer (armature drive end thrust)**		6/60/		– 1 –
KD		116074-ES	**Washer (armature shaft to bracket)**		6/60/		– 1 –
	A	508E-11049	Plate (starter commutator end) assy		52/	Together with (2) 508E-11079-B replaces E1ADDN-11049	– 1 –
KC		E27N –11049-B	**Plate (starter commutator end) assy.**		52/		1 –
KC/KD		7W-10088	**Dowel (starter motor end plate)**	2	52/		1 1
KC/KD		E27N –11052	**Bush (starter commutator end bearing)**	35	52/		1 1
	S	E27N-11053-B	Cap (starter armature shaft end)		52/	Replaces E1ADDN-11053	1 – 1
KC		CE –11057	**Kit (starter motor brush)**	5	52/		1 – 1
KD		2400E–11057-A	Kit (starter motor brush)	5	52/	Repl. E1ADDN-11057	– 1 –
KC		2701E-11059-A	Spring (starter brush)	2	52/	*Repl. EB-11059*	4 – 4

ELECTRICAL SYSTEM—*continued*

STARTER MOTOR—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
KD	E62A-10068	Spring (starter brush)	2	52/		–	4	–
KC	E0TTA –11079	Bolt (starter frame through)	2	52/		2	–	2
KD	E1ADDN–11079-B	Bolt (starter frame through)	2	52/		–	2	–
	C5NE–11091-B	Bolt (starter frame through) (Repl. 508E-11079-B)		52/	Use W/508E-11049	–	2	–
KD	34805-S7	Lockwasher		52/		2	2	2
KD	E1ADDN–11081-B	Coils (starter field) assy.–set	5	52/		–	1	–
KC	E27N –11081-B	Coils (starter field) assy.–set		52/		1	–	1
KC/KD	118861-ES	Screw (starter pole piece)		52/		4	4	4
KC/KD	E1ADDN–11089	Insulator (starter field coil)		52/	Repl. E0TTA-11089	–	1	–
KC/KD	E27N –11102-A	Terminal (starter field)	3	52/		1	1	1
KC/KD	E0TTA –11103	Sleeve (starter field terminal insulator)		52/		1	1	1
KC/KD	118140-ES	Washer (terminal insulating)–inner		52/60/6		1	2	1
KC/KD	119699-ES	Washer (terminal insulating)–outer		52/60/6		1	1	1
KC/KD	44720-S7/8	Washer		52/		1	1	1
KC/KD	34805-S7	Lockwasher		52/		2	2	2
KC	E27N –11107	Bush (starter field terminal insulating)	3	52/60/6		1	1	1
KD	957E –11107	Bush (starter field terminal insulating)		6/60/		–	1	–
KC/KD	C5NF-11A112-A	Nut (starter field terminal)	10	52/		2	2	2
KC		Band (starter cover) assy (Not Serviced)		52/		1	–	1
KD	E1ADDN–11125	Band (starter cover) assy.		52/		–	1	–
KC/KD	27161-S7/8	Screw (band)		52/		1	1	1
KC/KD	34141-S7	Nut		52/		1	1	1
	E1ADDN–11130-B	Plate (starter drive end) and lining assy.	2	52/60/6		–	1	–
KD	E1ADDN–11130-C	Plate (starter drive end) and bearing assy.		6/60/		–	1	–
KD	E270-CQ-9	Shim (back plate bearing packing)		6/60/	.009" thick	–	ar	–
KD	E271-CQ-9	Shim (back plate bearing packing)		5/59/	.020" thick	–	ar	–
KC	E1ADKN–11130	Plate (starter drive end) assy.		52/		1	–	1
KC	7W-10088	Dowel (end plate)	2	52/		1	–	1
KC	E0TTA –11135	Bush (starter drive end plate)	5	52/		1	–	1
	E1ADDN–11135-B	Bush (starter drive end plate)	35	52/59/5		–	1	–
KD	E1ADDN–11135-C	Bush (starter drive end plate)		5/59/		–	1	–
KD	116215-ES	Washer (starter back plate to bearing bush)		5/59/		–	2	–
KD	E1ADDN–11139	Lining (starter drive end plate brake)		52/		–	1	–
KD	119928-ES	Rivet (lining to end plate)		52/		–	4	–
KD	E1ADDN–11350	Pinion (starter drive) and clutch assy.	5	52/		–	1	–
KD	E81-CQ-9	Sleeve (starter drive) and bush assy.		52/	Also part of E1ADDN-11350	–	1	–
KD	E324-CQ-9	Sleeve (starter drive clutch)		52/		–	1	–
KD	E2002-T-9	Kit (starter drive clutch plates)		52/		–	5	–
KD	E85-CQ-9	Shim (starter drive clutch packing) .006" thick		52/	Also part of E1ADDN-11350	–	ar	–
KD	E86-CQ-9	Shim (starter drive clutch packing) .005" thick		52/	Also part of E1ADDN-11350	–	ar	–
KD	E87-CQ-9	Shim (starter drive clutch packing) .004" thick		52/	Also part of E1ADDN-11350	–	ar	–
KD	E88-CQ-9	Ring (starter drive clutch back plate)		52/	Also part of E1ADDN-11350	–	1	–
KD	E89-CQ-9	Plate (starter drive clutch pressure)		52/	Also part of E1ADDN-11350	–	1	–
KD	E90-CQ-9	Spring (starter drive clutch return)		52/	Also part of E1ADDN-11350	–	1	–
KD	E93-CQ-9	Pinion (starter drive) and barrel assy.		52/	Also part of E1ADDN-11350	–	1	–
KD	E4-CQ-9	Ring (starter drive pinion lock)		52/		–	1	–
KD	E5-CQ-9	Clip (starter drive pinion lock ring retaining)		52/		–	1	–
KC	*E1ADKN–11353-B	Pinion (starter drive) and sleeve assy.		52/		1	–	1
KC	E1ADKN–11357-B	Guide (starter drive pinion retaining spring)		52/		1	–	1
KD	E1ADDN–11357	Guide (starter drive pinion retaining spring)	2	52/	Also part of E93-CQ-9	–	1	–

*When replacing earlier type Pinion (with plain end) supply also (1) E1ADKN-11353-B Pinion (1) E1ADKN-11357-B Guide (1) E1ADKN-11375 Spring and (1) E93A-11386 Washer

□ These parts are interchangeable.

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		ELECTRICAL SYSTEM—*continued*						
		STARTER MOTOR—*continued*						
KD	115504-ES	Circlip		52/	Also part of E1ADDN-11350	–	1	–
KD	116036-ES	Washer (starter clutch drive sleeve retaining)		52/	Also part of E1ADDN-11350	–	1	–
KD	116037-ES	Washer		52/	Also part of E1ADDN-11350	–	1	–
KD	117680-ES	Nut (starter drive clutch locking)		52/	Also part of E1ADDN-11350	–	1	–
	E1ADDN–11358-B	Housing (starter drive) assy.		52/59/5		–	1	–
KD	E1ADDN–11358-C	Housing (starter drive) assy.		5/59/		–	1	–
KD	E1ADDN-10088	Dowel (starter drive housing)	2	52/		1	–	1
KC	E1ADKN–11359	Spring (starter drive pinion) retaining		52/		1	–	1
KC	E1ADKN–11365	Cup (starter drive pinion retaining spring)		52/		1	–	1
KC	E1ADKN–11375	Spring (starter drive main)		52/		–	1	–
KD	EIADDN–11375-B	Spring (starter pinion and clutch tension)		52/		1	–	1
KC	E1ADKN–11381	Nut (starter drive retaining)		52/		1	–	1
KC	72052-S	Split pin		52/		2	–	2
KC	E93A –11386	Washer (starter drive sleeve thrust)	3	52/		–	1	–
KD	E1ADDN–11393	Plate (starter pinion and clutch brake)		52/		–	1	–
KD	E1ADDN–11394	Bush (starter pinion and clutch operating)		52/		–	1	–
	E1ADDN–11395-A	Bush (starter drive housing)	35	52/59/5		–	1	–
KD	E1ADDN–11395-B	Bush (starter drive housing)		5/59/		–	1	–
KD	E1ADDN–11396	Lever (starter drive pinion actuating) and shoe assy.	2	52/		–	1	–
KD	E1ADDN–11397	Spring (starter drive pinion actuating lever return)		52/				
		STARTER SWITCH AND CONTROL						
KA	ET6 –11450	Switch (starter) assy.	10	52/	Except with inertia starter	1	–	1
	E1ADDN–11450-C	Switch (starter relay) assy	30	52/	Except with inertia starter	–	1	–
	27081-S2	Bolt (relay switch to battery tray)		52/	Except with inertia starter	–	2	–
	34141-S7	Nut		52/	Except with inertia starter	–	2	–
	34803-S7/8	Lockwasher		52/	Except with inertia starter	–	2	–
	E1ADKN–11475	Control (starter) assy.		52/59/3		1	–	1
	E1ADN –11475	Control (starter) assy.		3/59/		1	–	–
	YE-17523	Grommet (control to instrument box)		52/		1	–	1
	E1ADKN–11477	Bracket (starter control)		52/		1	–	1
	E0TA –9792	Clip (control bracket)		52/		1	–	1
KA	ET6 –11500-B	Button (horn push)		52/	See "Horn"	1	1	1
KD	E1ADDN–11500	Switch (starter relay operating) assy.	10	52/	On starter motor	–	1	–
	118656-ES7/8	Screw (starter relay switch terminal)		52/		–	2	–
KA	E62A –11502	Nut (horn push button to instrument box)		52/62/10	See "Horn"	1	1	1
KA	117748-ES	Nut (horn push button to instrument box)		10/62/		1	1	–
KA	E62A –11504	Washer (horn push button to instrument box)		52/	See "Horn"	1	1	1
	E1ADDN–11510-B	Bracket (starter relay operating switch)		52/58/3	On starter motor	–	1	–
KD	E1ADDN–11510-C	Bracket (starter relay operating switch)		3/58/		–	1	–
	E16-NE-9	Rod (starter control lever) assy.		52/58/8		–	1	–
KD	E321-NE-9	Rod (starter control lever) assy.		8/58/	Except with inertia starter	–	1	–
KD	73877-S7/8	Clevis pin		52/	Except with inertia starter	–	2	–
KD	72003-S7/8	Split pin		52/	Except with inertia starter	–	2	–
	118663-ES7	Screw (connector)		52/		2	–	2
KD	E1ADDN–11515	Lever (starter control)		52/	Except with inertia starter	–	1	–
KD	E1ADDN–11517	Bolt (starter control lever retaining)		52/	Except with inertia starter	–	1	–
KD	33799-S7	Nut		52/	Except with inertia starter	–	1	–
KD	34807-S7	Lockwasher		52/	Except with inertia starter	–	1	–
KD	E1ADDN–11526	Spring (starter control lever return)		52/	Except with inertia starter	–	1	–
	E22-JB-9	Bracket (throttle and starter lever mounting)		52/58/8		–	1	–

ELECTRICAL SYSTEM—*continued*

STARTER MOTOR AND CONTROL—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
KD	E1ADDN–11527-B	Bracket (starter lever mounting)		8/58/		–	1	–
	§E1ADDN–11530-B	Nut (starter relay operating switch securing)		52/60/10	On starter motor	–	1	–
KD	▲E1ADDN–11530-C	Nut (starter relay operating switch securing)		10/60/		–	1	–
KD	E1ADDN–11531	Plate (starter dust cover retaining)		52/	On starter motor	–	1	–
KD	118667-ES7	Screw (plate and switch bracket securing)		52/	On starter motor	–	4	–
KD	118150-ES	Washer		52/	On starter motor	–	4	–
KD	E1ADDN–11532	Lockwasher (starter relay operating switch)		52/	On starter motor	–	1	–
	§E1ADDN–11533-A	Lever (starter actuating) assy.		52/60/10	On starter motor	–	1	–
KD	▲E1ADDN–11533-B	Lever (starter actuating) assy.		10/60/		–	1	–
	118876-ES	Bolt (lever pivot)		52/58/3	On starter motor	–	1	–
	117654-ES	Nut		52/58/3	On starter motor	–	1	–
	34747-ES	Washer		52/58/3	On starter motor	–	2	–
	34807-S36	Lockwasher		52/58/3	On starter motor	–	1	–
KD	E97-CQ-9	Pin (lever pivot)		3/58/	On starter motor	–	1	–
	72839-S	Pin (lever pivot pin)		3/58/	On starter motor	–	1	–
KD	957E –11534	Spacer (starter actuating lever)		52/	On starter motor	–	2	–
KD	E1ADDN–11535	Cover (starter actuating lever dust)	10	52/	On starter motor	–	1	–

IGNITION AND LIGHTING SWITCH

	♦♦E27N –11575	Switch (ignition) and key assy.		52/56/11	With coil ignition	1	–	1
	♦♦E27N –11575	Switch (starter isolation) and key assy.		52/56/11		–	1	–
	E1ADKN–11575-B	Switch (starter isolation) and key assy.		11/56/		–	1	–
	E1ADKN–11575-B	Switch (ignition) and key assy.		11/56/	Use with coil ignition	1	–	1
	E1ADKN–11575-B	Switch (magneto earth) and key assy		52/58/8	Use w/magneto ignition	1	–	1
	♦♦E27N –11576	Key (ignition switch)		52/56/11	When coil ignition	1	–	1
	♦♦E27N –11576	Key (magneto earth switch)		52/56/11	With magneto ignition	1	–	1
	♦♦E27N –11576	Key (starter isolation switch)		52/56/11		–	1	–
	E1ADKN–11586	Key (ignition switch)		11/56/	Use with coil ignition	1	–	1
	E1ADKN–11586	Key (magneto earth switch)		11/56/	Use with magneto ignition	2	–	2
	E1ADKN–11586	Key (starter isolation switch)		11/56/		–	2	–
	957E-3658	Key (starter isolation)		8/58/		–	2	–
	957E-3658	Key (ignition switch)		8/58/		2	–	–
KA	oE1ADKN–11654-A	Switch (ignition and lighting) assy.	5	52/58/8	With coil ignition	1	–	1
KA	oE1ADKN–11654-A	Switch (starter isolation and lighting) assy.	5	52/58/8		–	1	–
	oE1ADKN–11654-B	Switch (magneto earth and lighting) assy.		52/58/8	With magento ignition	1	–	1
KA	957E –11654-B	Switch (starter isolation and lighting) assy.	5	8/58/		1	1	–
	E395-NE-9	Seal (lighting switch to shroud)		8/58/		1	1	–
	26467-S7/8	Screw (lighting switch to shroud)		8/58/		2	2	–
	34052-S7/8	Nut		8/58/59/7		2	2	–
	117532-ES32-A	Nut		7/59/		2	2	–
	34902-S7/8	Lockwasher		8/58/		2	2	–
	oE1ADKN–3686	Cylinder (ignition and key) assy.		52/58/8	In E1ADKN–11654-A/B	1	1	1
	oCE-46122-E	Key (ignition and lighting switch)	2	52/58/8	In E1ADKN–11654-A/B	1	1	1
	26512-S2	Bolt (lighting switch to instrument box)		52/58/8		2	2	2
	34052-S7/8	Nut		52/58/8		2	2	2
	34938-S	Lockwasher		52/58/8		2	2	2

▲These parts together replace E1ADDN–11530-B and /or E1ADDN–11533-A

§This part replaced by E1ADDN–11530-C and E1ADDN–11533-B together.

♦♦Less electric lighting O With electric lighting

ELECTRICAL SYSTEM—*continued*

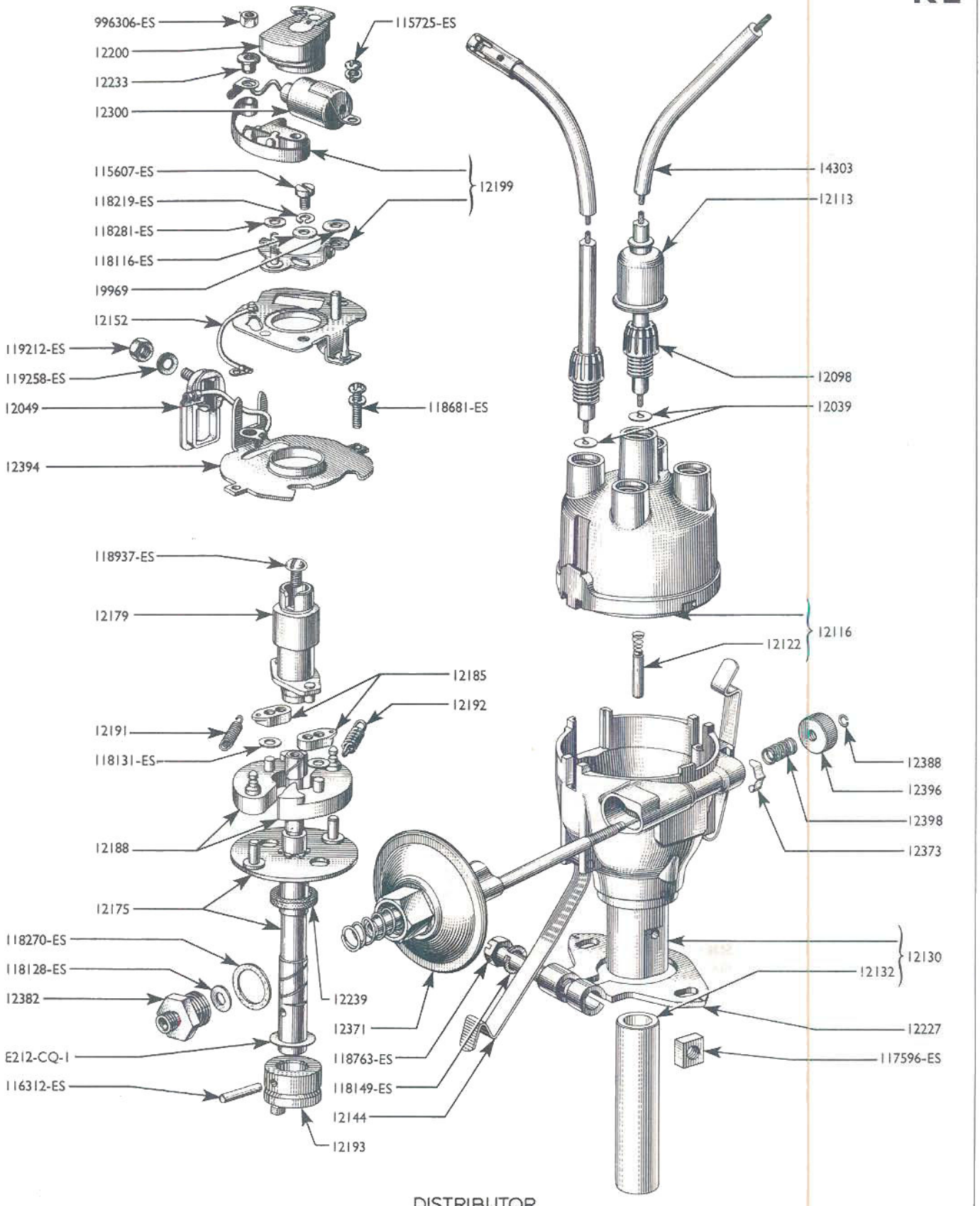
INSTRUMENT BOX

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
KA	E1ADDN–11806	Panel (instrument)		8/58/		1	1	–
KA	E1ADDN–11820	Weatherstrip (instrument panel)		8/58/		1	1	–
	52389-S7/8	Screw (instrument panel to steering column)		8/58/		3	3	–
	117732-ES	Nut		8/58/		3	3	–
	34878-S8	Washer		8/58/		3	3	–
	E109-PB-9	Plate (instrument box blanking)		8/58/	Except with tachometer	1	1	–
	E108-PB-9	Grommet (blanking plate to instrument box)		8/58/	Except with tachometer	1	1	–
	E249-NE-9	Plug (tachometer illumination hole)		8/58/	Except with electric lighting	1	1	–
	ET6-8101673	Plug (horn button hole blanking)		8/58/	Except with electric lighting	1	1	–
	E1ADKN–11837	Plate (lighting switch hole blanking)		11/56/58/8		1	1	1
	957E –11837	Plate (lighting switch hole blanking)		8/58/		1	1	–
	26467-S7/8	Bolt (plate to instrument box)		52/58/8		2	2	2
	26467-S7/8	Screw (blanking plate to instrument box)		8/58/		2	2	–
	34052-S7/8	Nut		52/		2	2	2
	34938-S	Lockwasher		52/58/8		2	2	2
	34902-S7/8	Lockwasher		8/58/		2	2	–
KA	WOT2 –11845	Spacer (lighting switch to instrument box)		52/58/8		2	2	2
KA	WOT2 –11845	Spacer (water temperature gauge to instrument box)		52/58/8		2	2	2
KA	WOT2 –11845	Spacer (oil pressure gauge to instrument box)		52/58/8		2	2	2
	E1ADKN–11850-B	Cover (instrument)—back		52/58/8		1	1	1
	E62A-16754	Bumper (starter control hole)	2	52/58/8		–	2	–
	27113-S4	Screw (lighting switch to junction box wire terminal)		52/55/2		1	1	1
	34079-S7/8	Nut		52/55/2		2	2	2
	34903-S7	Lockwasher		52/55/2		1	1	1
	E1ADKN–14454	Insulator (terminal)		52/55/2		1	1	1
KA	E1ADKN–11854-B	Cover (instrument box)—upper		52/58/8		1	1	1
KA	E1ADKN–11855	Cover (instrument box)—lower		52/58/8		1	1	1
	33177-S	Screw (upper and lower cover to instrument box)		52/56/12		8	8	8
	115674-ES	Screw (upper and lower cover to instrument box)		12/56/58/8		8	8	8
	45142-ES7/8	Nut		52/58/8		8	8	8
	♦♦E1ADKN–11871	Gasket (lighting switch hole blanking plate)		52/58/8		1	1	1
KA	957E –11871	Gasket (lighting switch hole blanking plate)		8/58/		1	1	–
KA	E54-PG-9	Shroud (auxiliary gear shift housing)		8/58/		–	1	–
	E60-PG-9	Shroud (auxiliary gear shift housing)		8/58/		1	–	–
KA	E58-PG-9	Shroud (auxiliary gear shift housing)		8/58/	Use with speedometer	–	1	–
KA	E64-PG-9	Shroud (auxiliary gear shift housing)		8/58/	Use with speedometer	1	–	–
	E79-PG-9	Shroud (auxiliary gear shift housing) assy.		▲		–	1	–
	E83-PG-9	Shroud (auxiliary gear shift housing) assy.		▲	Use with speedometer	–	1	–
KA	E55-PG-9	Seal (auxiliary gear shift housing shroud)		8/58/	Rubber	1	1	–
	38195-S7/8	Screw (gear shift housing shroud to housing)		8/58/59/2		2	2	–
	38206-S7/8	Screw (gear shift housing shroud to housing)		2/59/		2	2	–
	45187-ES	Nut		8/58/		2	2	–
	34905-S7/8	Lockwasher		8/58/		2	2	–
	32924-ES7/8	Screw (gear shift housing shroud to support bracket)		8/58/		2	2	–
	45015-S7/8	Nut		8/58/		2	2	–

▲Use with Inertia Starter, less electric lighting—Export when requested.
♦♦Less electric lighting.

Coil - # DG-10

KE



DISTRIBUTOR

ELECTRICAL SYSTEM—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
	IGNITION COIL					
	204E –12027-C	Bracket (coil clamping) assy.		52/	A.C. type	1 – 1
	204 E –12027-E	Bracket (coil clamping) assy.		52/		1 – 1
	100E –12029	Coil (ignition)		52/		1 – 1
KA	996305-ES7/8	Nut (terminal)		52/		2 – 2
KA	44713-S7/8	Washer		52/		2 – 2
KA	34903-S7	Lockwasher		52/		2 – 2
	20345-S7/8	Bolt (coil to battery heat baffle)		52/		2 – 2
	33796-S7/8	Nut		52/		2 – 2
	34805-S7/8	Lockwasher		52/		2 – 2
	7V –12038	Nut (ignition coil H.T. terminal)	5	52/		1 – 1
KE	7V –12039	Washer (ignition coil H.T. terminal)	5	52/		1 – 1
KE	7V –12039	Washer (distributor cap ignition wire)	5	52/		5 – 5
	DISTRIBUTOR, WIRING AND VACUUM PIPES					
	EOTTA –12046	Bush (distributor low tension terminal)		52/		1 – 1
	EOTTA –12049	Terminal (distributor low tension)		52/57/3		1 – 1
KE	EOTA –12049-D	Terminal (distributor low tension)		3/57/		1 – 1
	996305-ES7/8	Nut		52/56/4		2 – 2
KE	119212-ES	Nut		4/56/		2 – 2
KE	119258-ES	Washer		52/		2 – 2
	34903-S7	Lockwasher		52/		2 – 2
KE	7V –12098	Nut (distributor cap ignition wire terminal)	2	52/		5 – 5
KE	7V-12039	Washer (terminal nut)	5	52/		5 – 5
KA	E1ADKN–12100-C	Distributor assy.	3	52/		1 – 1
	20324-S7/8	Screw (distributor to housing)		52/		2 – 2
KE	7V –12113	Seal (ignition coil H.T. lead to distributor cap)	2	52/		1 – 1
KA	E62A –12113	Seal (rear and side lamp wiring conduit)		52		3 3 3
	E1ADKN–12116	Cap (distributor) assy.		52/57/3		1 – 1
KE	EOTA –12116	Cap (distributor) assy.	2	3/57/		1 – 1
KE	EOTA –12122	Brush (distributor H.T.) and spring assy.	2	52/		1 – 1
NC	E62A –12122	Brush (magneto cap carbon) and spring assy.		53/	See "Magneto"	1 – 1
	EOTTA –12130-A	Body (distributor) clips and bush assy.		52/57/3		1 – 1
KE	†204E –12130	Body (distributor) clips and bush assy.		3/57/		1 – 1
NC/KE	YE –12132	Bush (magneto base)	2	53/	See "Magneto"	2 – 2
KE	EOTA –12132	Bush (distributor base)		3/57/		1 – 1
	EOTTA –12134	Spring (distributor base lubricator)		52/57/3		1 – 1
	206E –12135	Lubricator (distributor base) assy.		52/57/3		1 – 1
	E1ADKN –12143	Gasket (distributor adaptor housing to cylinder block)		52/	With coil ignition	1 – 1
NC	E1ADKN –12143	Gasket (magneto adaptor housing to cylinder block)		53/	With magneto ignition	1 – 1
	E1ADKN–12143	Gasket (distributor drive aperture cover)		52/57/7		– 1 –
	‡204E –12143	Seal (distributor to cylinder block)		3/57/		1 – 1
	EOTTA –12144-B	Clip (distributor body)		4/56/57/3		2 – 2
	119964-ES	Pin (distributor cap clip)		4/56/57/3		2 – 2
	EOTTA –12146-A	Retainer (distributor contact breaker plate)		52/57/3		1 – 1
	EOTTA –12150-C	Breaker (distributor) assy.		52/57/3		1 – 1
KE	E27N-19969	Washer (distributor breaker arm pivot pin)		52/		1 – 1
KE	EOTTA-12300-A	Condenser (distributor) and clip assy.	2	52/53		1 – 1
KE	105E–12300	Condenser (distributor) & Clip Assy		52/57/3	Replaces EOTTA-12300	1 – 1

† Replaces in Service previous type body which did not incorporate groove for sealing ring.
‡ Use in Service with 204E-12130

ELECTRICAL SYSTEM—*continued*

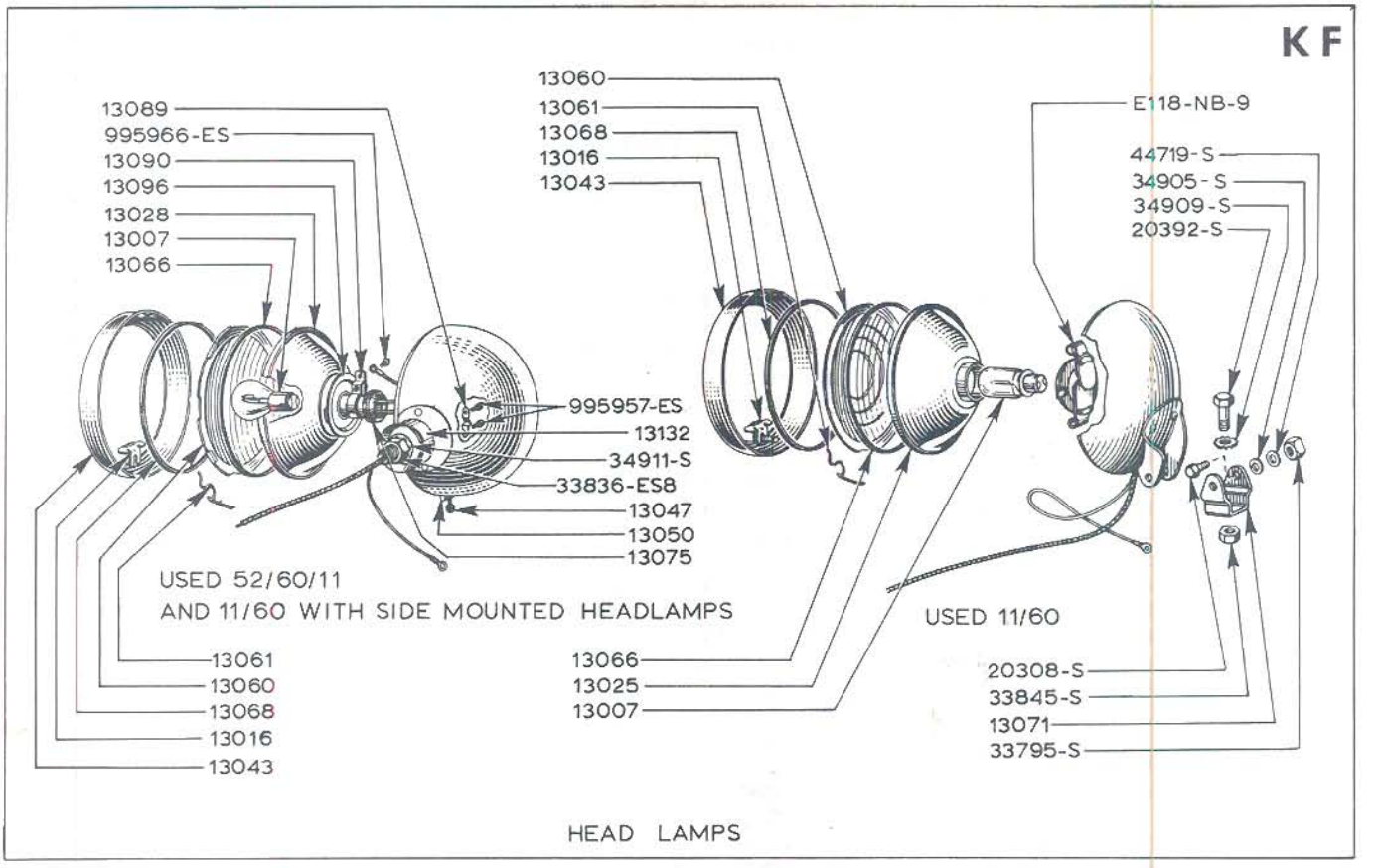
DISTRIBUTOR, WIRING AND VACUUM PIPES—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
	995955-ES	Screw (condenser to breaker plate)		52/57/3		1 – 1
KE	115725-ES	Screw (condenser to breaker plate) and washer assembly		3/57/		1 – 1
KE	115607-ES	Screw (distributor contact breaker plate)		3/57/		1 – 1
	118126-ES	Lockwasher		52/57/3		1 – 1
	EOTTA –12152-A	Plate (distributor contact breaker) assy.		52/53		1 – 1
	EOTTA –12152-C	Plate (distributor contact breaker) assy.		53/57/3		1 – 1
KE	EOTA –12152-B	Plate (distributor contact breaker) assy.		3/57/		1 – 1
NC	E62A –12153	Washer (distributor breaker arm pivot pin)		52/57/3	Also with magneto	1 – 1
NC	E62A –12153	Washer (magneto contact breaker insulating)		53/		1 – 1
	955951-ES2	Screw (bracket to breaker plate)		52/		2 – 2
	119258-ES	Washer		52/		2 – 2
NC	YE-12241-B	Lockwasher		52/		2 – 2
	995957-ES2	Screw (terminal)		52/53		1 – 1
	EOTA –12217	Nut		52/53		1 – 1
	117514-ES7/8	Nut		53/57/3		1 – 1
KE	996306-ESB	Nut		3/57/		1 – 1
	118104-ES7/8	Washer		53/		1 – 1
KE	E1ADKN–12175-D	Shaft (distributor) and weight plate assy.		52/		1 – 1
	E1ADKN–12179-A	Cam (distributor) assy.		52/57/3		1 – 1
KE	EOTA –12179-B	Cam (distributor) assy.		3/57/		1 – 1
KE	118937-ES7/8	Screw (distributor cam to shaft)		52/		1 – 1
	EOTA –12185	Toggle (distributor weight)	2	52/57/3		2 – 2
KE	500E –12185	Toggle (distributor weight)	2	3/57/		2 – 2
KE	118131-ES	Washer (toggle pivot)		52/		2 – 2
KE	EOTA –12188	Weight (distributor) assy.	5	52/		2 – 2
	E1ADKN–12191-A	Spring (distributor weight)		52/57/3	Use with E1ADKN–12100-B	2 – 2
KE	E1ADKN–12191-B	Spring (distributor weight)		52/57/3	Use with E1ADKN–12100-B	1 – 1
KE	E1ADKN–12191-B	Spring (distributor weight)		3/57/	Use with E1ADKN–12100-C	1 – 1
KE	E1ADKN–12192	Spring (distributor weight)		52/57/3	Use with E1ADKN–12100-B	1 – 1
KE	E1ADKN–12192	Spring (distributor weight)		52/	Use with E1ADKN–12100-A	2 – 2
KE	E1ADKN–12192	Spring (distributor weight)		3/57/	Use with E1ADKN–12100-C	1 – 1
KE	E1ADKN–12193-B	Collar (distributor driving)		52/		1 – 1
NC	E1ADKN–12193-B	Collar (magneto driving)		52/	With magneto ignition	1 – 1
	118231-ES	Washer (distributor shaft thrust)		3/57/60/3		1 – 1
KE	E212-CQ-1	Washer (distributor shaft thrust)		3/60/		1 – 1
	119958-ES	Pin (collar to shaft)		52/57/3		1 – 1
KE	116312-ES	Pin (collar to shaft)		3/57/		1 – 1
	EOTTA –12199-A	Set (distributor contact) assy.	2	52/53		1 – 1
	EOTTA –12199-B	Set (distributor contact) assy.	5	53/57/3		1 – 1
KE	EOTA –12199-C	Set (distributor contact) assy.	10	3/57/		1 – 1
	E1ADKN–12200-B	Rotor (distributor) assy.		52/57/3		1 – 1
KE	YE –12200-C	Rotor (distributor) assy.	10	3/57/		1 – 1
	EOTTA –12207-A	Ring (distributor contact breaker bearing plate retainer)		52/57/3		1 – 1
	YE –12214-B	Plate (distributor body insulation)		52/57/3		1 – 1
	EOTTA –12216	Wire (distributor contact adjusting bracket to L.T. terminal)	2	52/		1 – 1
	EOTA –12217	Nut (distributor contact adjusting bracket terminal)		52/53		1 – 1
	EOTA –12224	Adaptor (distributor vacuum pipe to carburettor)		52/		1 – 1
	E1ADN –12226	Pipe (distributor vacuum) assy.		52/		1 – 1
	119980-ES	Ferrule		52/		2 – 2
KE	EOTA –12227	Clamp (distributor body) assy.		52/		1 – 1
KE	118763-ES	Bolt (clamp)		52/		1 – 1
KE	117596-ES	Nut		52/		1 – 1

ELECTRICAL SYSTEM — *continued*

DISTRIBUTOR WIRING AND VACUUM PIPES—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
KE	118149-ES	Lockwasher		3/57/		1 – 1
	EOTA –12233-A	Bush (distributor contact adjusting bracket insulating)		52/53		1 – 1
KE	EOTA –12233-B	Bush (distributor contact adjusting bracket insulating)	2	53/		1 – 1
	EOTA –12234	Plate (distributor contact adjusting bracket insulating)		52/		1 – 1
KE	EOTA –12239	Washer (distributor weight plate to body spacing)		52/		1 – 1
NC	YE –12241-B	Washer (dist. contact adjusting bracket to breaker plate screw)		52/	Also with magneto	1 – 2
	EIADKN–12259	Kit (spark plug wire)		52/	With coil ignition	1 – 1
	EOTTA –12264	Wire (distributor condenser to body earth)		52/		1 – 1
	EIADKN–12282-B	Wire (magneto to spark plug) assy.–No. 1 cylinder		52/	With magneto ignition	1 – 1
KA	100E –12283-B	Wire (distributor to spark plug) assy.–No. 1 cylinder		52/	With coil ignition	1 – 1
KA	E1ADKN–12283-B	Wire (magneto to spark plug) assy. – No. 2 cylinder		52/	With magneto ignition	1 – 1
	EIADKN–12284-B	Wire (magneto to spark plug) assy.–No. 3 cylinder		52/	With magneto ignition	1 – 1
KA	EIADKN–12285-A	Wire (distributor to spark plug) assy.–No. 4 cylinder		52/	With coil ignition	1 – 1
	EIADKN–12285-B	Wire (magneto to spark plug) assy.–No. 4 cylinder		52/	With magneto ignition	1 – 1
KA	78E-14453-A	Terminal (spark plug wire)		52/		4 – 4
KA	EIADKN-14505	Cover (spark plug wire terminal)		52/		4 – 4
	EOTA-14691	Ring (H.T. wire securing)		52/	Rubber	1 – 1
KA	E3-CQ-9	Spacer (spark plug wire securing)		53/	Bakelite	2 – 2
	EIADKN–12294	Housing (distributor adaptor)		52/		1 – 1
	EIADKN-12143	Gasket (housing to cylinder block)		52/		1 – 1
	20346-S7/8	Screw (housing to cylinder block)		52/		2 – 2
	34826-S7	Lockwasher		52/		2 – 2
NC	EOTTA –12300-B	Condenser (magneto) and clip assy.	2	53/	See "Magneto"	1 – 1
	105E–12300	Condenser (distributor) and clip assy	5	52/57/3		1 – 1
KE	EOTA –12300-C	Condenser (distributor) and clip assy.	5	3/57/		1 – 1
	119834-ES	Plug (distributor drive aperture)		52/		– 1 –
	EIADKN-12143	Gasket (cover to cylinder block)		52/57/7		– 1 –
	20346-S7/8	Screw (cover to cylinder block)		52/		– 2 –
	20326-S7	Screw		52/57/7		– 2 –
	34826-S7	Lockwasher		52/57/7		– 2 –
	EIADKN–12371-A	Unit (distributor vacuum) and actuating arm assy.		52/57/3		1 – 1
KE	EIADKN–12371-B	Unit (distributor vacuum) and actuating arm assy.		3/57/		1 – 1
KE	EOTA –12373	Spring (distributor vacuum unit ratchet)		52/		1 – 1
	EOTA –12375	Arm (distributor unit actuating)		52/57/3		1 – 1
	119921-ES	Rivet (arm to unit)		52/57/3		1 – 1
KE	EOTA –12382	Union (distributor vacuum unit)		52/		1 – 1
KE	118128-ES	Washer		52/		1 – 1
KE	118270-ES	Washer (union to unit)		52/		1 – 1
	EOTTA –12394-A	Plate (distributor contact breaker bearing) assy.		52/53		1 – 1
	EOTTA –12394-B	Plate (distributor contact breaker bearing) assy.		52/57/3		1 – 1
KE	EOTA –12394-B	Plate (distributor contact breaker bearing) assy.		3/57/		1 – 1
KE	118681-ES7/8	Screw (distributor contact breaker plate fixing) and washer assy.		3/57/		1 – 1
	EOTTA –12395-A	Pad (distributor contact breaker bearing plate lubricating)		52/53		1 – 1
KE	EOTA –12396	Nut (distributor vacuum unit adjusting)		52/		1 – 1
KE	EOTTA –12398-A	Spring (distributor vacuum unit adjusting nut)		52/		1 – 1



Illus. No.	Part No.	Name of Part	% Scaling	Yearr Range	Remarks	Qty. Req.

ELECTRICAL SYSTEM — *continued*

						P	D	V
	SPARK PLUG							
	C3PF-12405-DF	Plug (spark) assy		52/	Autolite type AG-9	4	–	4
KA	EIADKN–12405-A	Plug (spark)	20	52/		4	–	4
CE	40 –12410	Washer (reservoir pipe to no-return valve)	2	54/	See "Vacuum Braking"	–	1	–
KA	C5NN–D985-A	Gasket (spark plug)	20	52/62/10		4	–	4
	HEAD LAMP							
KA	∞ 957E –13002-A	Headlamp assy –R.H. less bulb	3	52/		1	1	1
KA	957E –13002-B	Headlamp assy.–less bulb		11/60/		2	2	–
HA	E281-DB-9	Bracket (headlamp support)		11/60/		2	2	–
KF	20392-S7/8	Bolt (headlamp bracket to mounting bracket)		11/60/		2	2	–
KF	33845-S7/8	Nut		11/60/		2	2	–
KF	34909-S	Lockwasher		11/60/		2	2	–
KA	∞ 957E –13003-A	Headlamp assy.–L.H.–less bulb	3	52/		1	1	–
KF	∞ 33836-ESB	Nut (head lamp mounting bolt)		52/		2	2	2
KF	∞ 34911-S7/8	Lockwasher		52/		2	2	2
KF	∞ E27N –13007	Bulb (head lamp)	20	52/		2	2	2
KF	957E –13007	Bulb (head lamp)		11/60/		2	2	–
KF	∞ EIADKN–13016	Catch (head lamp door)		52/		2	2	2
KF	EIADKN–13016	Catch (head lamp door)		11/60/		2	2	–
KF	E118-NB-9	Contact (headlamp) assy.		11/60/		2	2	–

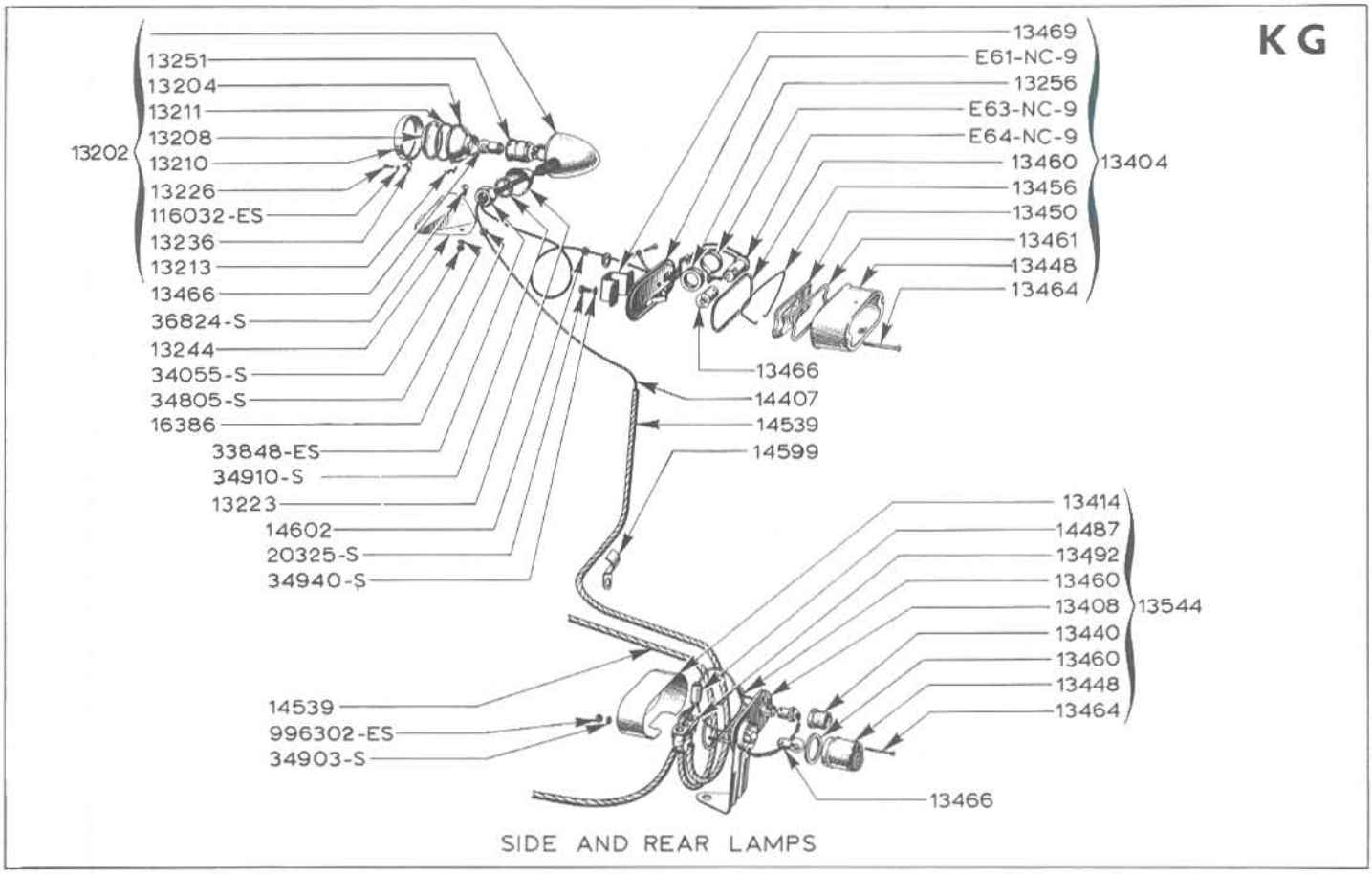
∞ Use with side mounted head lamps.

ELECTRICAL SYSTEM—*continued*

HEAD LAMP—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADKN–13028-A	Reflector (head lamp) assy.	2	52/57/1		2	2	2
KF	°°E1ADKN–13028-B	Reflector (head lamp) assy.		1/57/		2	2	2
KF	C5NN–13N029-A	Reflector Assy - Headlamp.		11/60/	Replaces 957E-13025	2	2	–
KF	°°E1ADKN–13043	Door (head lamp) and latch assy.		52/		2	2	2
MB	E1ADKN–13043	Door (ploughing lamp) and latch assy.		52/		1	1	1
KF	E1ADKN–13043	Door (headlamp) and latch assy.		11/60/		2	2	–
KF	°°E1ADKN–13047	Bolt (head lamp door latch)	2	52/		2	2	2
MB	E1ADKN–13047	Bolt (ploughing lamp door latch)	2	52/		1	1	1
KF	E1ADKN–13050	Nut (head lamp door latch bolt)–swivel	2	52/		2	2	2
MB	E1ADKN–13050	Nut (ploughing lamp door latch bolt)–swivel	2	52/		1	1	1
	E1ADKN–13060-A	Lens (head lamp)	15	52/57/1		2	2	2
KF	°°E1ADKN–13060-B	Lens (head lamp)	10	1/57/		2	2	2
KF	E1ADKN–13060-B	Lens (head lamp)		11/60/		2	2	–
KF	°°E1ADKN–13061	Retainer (head lamp lens)		52/		12	12	12
KF	E1ADKN–13061	Retainer (head lamp lens)		11/60/		6	6	–
	E1ADKN–13061	Retainer (ploughing lamp lens)		52/		6	6	6
KF	°°E04C –13066	Gasket (head lamp lens)	3	52/		2	2	2
MB	E04C –13066	Gasket (ploughing lamp lens)	3	52/		1	1	1
KF	E04C –13066	Gasket (headlamp lens)		11/60/		2	2	–
KF	°°E1ADKN–13068	Gasket (head lamp lens to door)	3	52/		2	2	2
MB	E1ADKN–13068	Gasket (ploughing lamp lens to door)	3	52/		1	1	1
KF	E1ADKN–13068	Gasket (head lamp lens to door)		11/60/		2	2	–
KF	957E –13071	Bracket (head lamp adjusting)		11/60/		2	2	–
KF	20308-S7/8	Bolt (head lamp adjusting bracket)		11/60/		2	2	–
KF	33795-S7/8	Nut		11/60/		2	2	–
KF	44719-S7/8	Washer		11/60/		2	2	–
KF	34905-S7/8	Lockwasher		11/60/		2	2	–
KF	°°957E –13075	Socket (head lamp) assy.		8/58/		2	2	–
	E62A –13077	Socket (head lamp bulb) assy.	2	52/58/8		2	2	2
	E62A –13085	Clamp (head lamp bulb socket) and screw assy.		52/57/1		2	2	2
KF	995957-ES2	Screw (clamp)		52/57/1		2	2	2
KF	E1ADKN–13089	Clip (head lamp wiring to lamp)		52/		2	2	2
KF	°°995957-ES2	Screw (clip retaining)		52/57/1		4	4	4
KF	°°995966-ES8	Screw (clip retaining)		1/57/		4	4	4
KF	°°E1ADKN–13090	Clamp (head lamp bulb socket)		1/57/		2	2	2
	°°995973-ES8	Screw (clamp)		1/57/		2	2	2
	°°117693-ES	Nut		1/57/		2	2	2
KF	E93A –13096	Adaptor (head lamp bulb socket) assy.		52/57/1		2	2	2
MB	E93A –13096	Adaptor (ploughing lamp bulb socket) assy		52/		1	1	1
KF	°°E1ADKN–13096	Adaptor (head lamp bulb socket) assy.		1/57/		2	2	2
KF	°°E1ADKN–13132	Washer (head lamp base)–seating		52/		2	2	2
MB	E1ADKN–13132	Washer (ploughing lamp base)–seating		52/		1	1	1

°°Use with side mounted head lamps.



SIDE AND REAR LAMPS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

ELECTRICAL SYSTEM—*continued*

P D V

SIDE LAMP (PARKING LAMP)

						P	D	V
KA/KC	E1ADKN–13202-B	Lamp (side) assy.–less bulb	*5*	52/		2	2	2
KG	E0A–13466-B	Bulb (side lamp)	*10*	52/		2	2	2
KG	33848-ES	Nut (side lamp to bracket)		52/		2	2	2
KG	34910-S7/8	Lockwasher		52/		2	2	2
	E1ADDN-13204	Reflector (side lamp)		52/	Replaces E1ADKN-13204-B	2	2	–
KG	E93AF/A–13208	Lens (side lamp)		52/		2	2	2
KG	E1ADKN–13210	Door (side lamp)		52/		2	2	2
KG	E93AF/A–13211	Gasket (side lamp lens)	2	52/		2	2	2
KG	E1ADKN–13213	Retainer (side lamp lens)	2	52/		6	6	6
	34910-S7/8	Washer (side lamp pedestal)		52/		2	2	2
KG	E1ADKN–13223	Washer (side lamp pedestal)		52/		2	2	2
KG	E1ADKN–13226	Screw (side lamp door)	2	52/		2	2	2
KG	116032-ES	Retainer (side lamp door screw)		52/		2	2	2
KG	E1ADKN–13236	Latch (side lamp door)		52/		2	2	2
KA/KG	E1ADKN–13244	Bracket (side lamp mounting)		52/		2	2	2

ELECTRICAL SYSTEM—*continued*

SIDE LAMP (PARKING LAMP)—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
KG	36824-S7/8	Screw (side lamp bracket to mudguard)		52/		4	4	4
KG	34055-S7/8	Nut		52/		4	4	4
KG	34805-S7/8	Lockwasher		52/		4	4	4
	▲E1ADKN–13256	Sleeve (rear lamp socket)		10/54/	Rubber	2	2	2
	▲E1ADKN–13256	Sleeve (side lamp socket)		11/57/	Rubber	2	2	–
	E1ADDN–13251	Socket (side lamp bulb) assy.		52/	Replaces E1ADKN–13251-B	2	2	–

REAR LAMP

KA/KG†	▲E1ADKN–13404-B	Lamp (rear) and reflector assy.–R.H.–less bulb	2	10/54/		1	1	1
KA/KG	E1ADN –13404-D	Lamp (rear) and reflector assy.–less bulb		5/57/	Export when requested	2	2	–
KA/KG	▲E1ADKN–13405-B	Lamp (rear) and reflector assy.–L.H.–less bulb	2	10/54/		1	1	1
	C5NN–13N528-A	Bracket (rear lamp mounting)–L. H. (Repl. E139-NC-9).		5/57	Export when requested	1	1	–
	36868-S2	Screw (rear lamp mounting bracket to fender)		5/57/		2	2	–
	34846-S7	Screw (rear lamp mounting bracket to fender)		5/57/		2	2	–
KG	▲20325-S7/8	Bolt (lamp mounting to bracket)		10/54/	Ind	4	4	–
	20309-S7/8	Bolt (rear lamp to mounting bracket)		5/57/		4	4	–
	34055-S7/8	Nut		5/57/		4	4	–
KG	▲34940-S7	Washer (shakeproof)		10/54/	Ind	4	4	–
	34904-S7/8	Lockwasher (lamp bolt to mounting bracket)		5/57/		4	4	–
	34805-S7/8	Lockwasher (mounting bracket screw to fender)		5/57/		4	4	–
KG	▲E61-NC-9	Plate (rear lamp base) assy.–R.H.		10/54/		1	1	1
	▲E62-NC-9	Plate (rear lamp base) assy.–L.H.		10/54/		1	1	1
KG	▲E63-NC-9	Clamp (rear lamp socket)		10/54/		2	2	2
KG	▲E64-NC-9	Socket (rear lamp) assy.		10/54/		2	2	2
KG	▲E1ADKN–13256	Sleeve (rear lamp socket)		10/54/	Rubber	2	2	2
	▲118673-ES7/8	Screw (socket to base plate bridge)		10/54/		2	2	2
	20365-S2	Bolt (rear lamp to bracket)		52/54/10		1	1	1
	33796-S7/8	Nut		52/54/10		1	1	1
	34805-S7/8	Lockwasher		52/54/10		1	1	1
	E90-ND-9	Wire (side lamp to rear lamp connection)		5/57/	Export when requested	2	2	–
	E91T-2081	Clip (rear lamp wire to fender)		5/57/60/11		2	2	–
KG	E1ADKN–13408-B	Bracket (Rear lamp) base and socket assy.		53/	Except U. S.	1	1	1
KG	E1ADKN–13414	Cover (rear lamp) and connector socket assy.		53/		1	1	1
KG	996302-ESB	Nut (cover retaining)		53/		2	2	2
KG	34903-S7	Washer (shakeproof)		53/		2	2	2
KG	E1ADKN–13448-A	Body (rear lamp) and lens assy.		53/		1	1	1
KG	▲E1ADKN–13448-B	Body (rear lamp) assy.		10/54/		2	2	2
KG	▲E1ADKN–13450	Lens (rear lamp)		10/54/		2	2	2
KG	▲7W –13456	Retainer (rear lamp lens)		10/54/		2	2	2
KG	E1ADKN–13460	Gasket (rear lamp body to base)		53/		1	1	1
KG	7W –13460-A	Gasket (rear lamp base)		53/		1	1	1
KG	7W –13460-A	Gasket (rear lamp cover to body)		10/54/	With twin rear lamps	2	2	2
KG	▲7W –13461	Gasket (lens)		10/54/		2	2	2
KG	7V –13464	Screw (rear lamp body to base)		52/		1	1	1

† When replacing E1ADN–13404-B by E1ADKN–13404-B, remove E1ADKN–13469 Bracket (2) 20301-S2 Bolt, and (2) 34940-S2 Lockwasher.
▲With twin rear lamps

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		ELECTRICAL SYSTEM—*continued*						
		REAR LAMP—*continued*						
KG	▲7W –13464	Screw (rear lamp retaining)	2	10/54/		4	4	4
	100E –13466-A	Bulb (rear lamp)	10	52/		1	1	1
MB	100E –13466-A	Bulb (ploughing lamp)	10	52/		1	1	1
	100E –13466-B	Bulb (instrument warning light)	10	8/58/	Use with electric lighting	2	2	–
	100E –13466-B	Bulb (instrument illumination)	10	8/58/	Use with electric lighting	1	1	–
	100E –13466-B	Bulb (tachometer illumination)	10	8/58/	Use with electric lighting	1	1	–
KG	EOA –13466-B	Bulb (side lamp)	10	52/	See "Side Lamp"	2	2	2
	▲EOA –13466-B	Bulb (rear lamp)	10	10/54/		2	2	2
KG	▲E1ADKN–13469	Bracket (rear lamp mounting)		10/54/	Except Ind	2	2	2
	▲20301-S2	Bolt (bracket to lamp base)		10/54/	Except Ind	4	4	4
	▲E1ADKN–13471	Bracket (rear lamp mudguard mounting) assy.–R.H		10/54/	Except Ind	1	1	1
	▲E1ADKN–13472	Bracket (rear lamp mudguard mounting) assy.–L.H.		10/54/	Except Ind	1	1	1
	▲20345-S7/8	Bolt (bracket to mudguard)		10/54/	Except Ind	6	6	6
	▲33796-S7/8	Nut		10/54/	Except Ind	6	6	6
	▲34805-S7/8	Lockwasher		10/54/	Except Ind	6	6	6
	▲45712-S2	Bolt (bracket to mudguard)		10/54/	Ind	4	4	–
	▲34811-S36	Lockwasher		10/54/	Ind.	4	4	–
	E1ADKN–13490	Sleeve (rear lamp trailer connection)		53/	Rubber	1	1	1
KG	E1ADKN–13492	Grommet (rear lamp cable)		53/		1	1	1
	YE –13512	Stop (governor manual control rod)		52/53	See "Governor"	–	–	1
CD/GB	E83W –13515	Spring (hand brake lever retracting)	2	53/	See "Transmission Hand Brake"	1	1	1
	E69-NC-9	Socket (rear lamp) and dummy plug assy.		11/55/		1	1	1
KA	EOA –13710	Socket (instrument panel illumination bulb) and wire assy.	2	8/58/	Agr. Ind. less Tachometer	1	1	–
KA	EOA –13710	Socket (instrument panel illumination bulb) and wire assy.	2	8/58/	Ind. with Tachometer	2	2	–
	C5NN–14N150-D	Plug Assy - Trailer		11/55	Repl. C5NN-14N150-A	1	1	1
		HORN						
KA	E1ADKN–13802-C	Horn and bracket assy.	2	52/		1	1	1
	20347-S7/8	Screw (horn to air cleaner support bracket)		52/		1	1	1
	34806-S36	Lockwasher		52/		1	1	1
KA	ET6-11500-B	Button (horn push)		52/		1	1	1
KA	E62A-11502	Nut (push button to instrument box)		52/62/10		1	1	1
	117748-ES	Nut (push button to instrument box)		10/62/		1	1	1
KA	E62A-11503	Lockwasher (horn push button)		52/		1	1	1
KA	E62A-11504	Washer (horn push button)		52/		1	1	1
		ELECTRIC LIGHTING INSTALLATIONS						
	E1ADKN–14000-C	Installation (electric lighting)		52/58/8	Except with magneto ignition Accessory	1	1	1
	E1ADKN–14000-D	Installation (electric lighting)		52/58/8	With magneto ignition	1	–	1

▲ With twin rear lamps

ELECTRICAL SYSTEM—*continued*

WIRING, CABLES AND CONNECTORS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADKN–14201-A	Wire (lighting switch to regulator) assy.		52/56/11		1	1	1
	E1ADKN–14201-A	Wire (ignition lock to regulator) assy.		52/56/11	Use with magneto ignition less electric lighting	1	–	1
	E1ADKN–14201-A	Wire (ignition lock to regulator) assy.		52/56/11	Less electric lighting	–	1	–
	E1ADKN–14201-B	Wire (lighting switch to regulator) assy.		11/56/58/8		1	1	1
	E1ADKN–14201-B	Wire (ignition lock to regulator) assy.		11/56/58/8	Except with magneto ignition	1	–	1
	E1ADKN–14209-B	Wire (isolation switch to regulator) assy.		11/56/	Use with magneto ignition	1	–	1
	E1ADKN–14209-B	Wire (ignition lock to regulator) assy.		11/56/		–	1	–
	E139-ND-9	Wire (battery to regulator) assy.		4/59/	Use with inertia starter	–	1	–
	52743-S7/8	Screw (battery wire to regulator)		4/59/59/7	Use with inertia starter	–	1	–
	52743-S7/8	Screw (battery to earth)		4/59/59/7	Use with inertia starter	–	1	–
	E1ADDN–14300-B	Cable (battery to starter relay switch) assy.	10	52/56/11		–	1	–
KA	E1ADDN–14300-D	Cable (battery to starter switch) assy.	3	11/56/	Except with Inertia Starter	–	1	–
	33458-ES7/8	Screw (battery cable to starter switch)		11/56/59/7	Except with inertia starter	–	1	–
	E1ADKN–14300-A	Cable (battery to starter switch) assy.		52/57/1		1	–	1
KA	E1ADKN–14300-C	Cable (battery to starter switch) assy		1/57	Repl. E1ADKN-14300-B	1	–	–
	E1ADDN–14301-A	Connector (battery to earth) assy.	20	52/57/1		–	1	–
	E1ADDN–14301-C	Connector (battery to earth) assy.		4/59/	Use with inertia starter	–	1	–
KA	E1ADDN–14301-D	Connector (battery to earth) assy.	10	1/57/	Except with Inertia Starter	–	1	–
	E1ADKN–14391-A	Connector (battery to earth) assy.		52/57/1		1	–	1
KA	E1ADKN–14301-C	Connector (battery to earth) assy.						
	23017-S16	Bolt (cable and connector)—clamp		52/56/11		2	2	2
	33797-S7	Nut		52/56/11		2	2	2
KA	23017-S16	Bolt (cable and connector clamp)		12/61/		2	2	–
KA	33797-S7	Nut		12/61/		2	2	–
KA	EOTTA –14302-A	Wire (ignition coil to distributor L.T. terminal) assy.		52/		1	–	1
KA/KE	E1ADKN–14303-A	Wire (ignition coil to distributor H.T. terminal) assy.		52/		1	–	1
	E1ADDN–14322-B	Cable (battery connecting) assy.	5	11/56/	Except with I nertia Starter	–	1	–
	33458-ES7/8	Screw (battery connecting cable)		11/56/59/7	Except with inertia starter	–	2	–
KA	E1ADN –14401-A	Wiring (main) assy.		8/58/60/2	Use with electric lighting	1	–	–
	E1ADN –14401-B	Wiring (main) assy.		8/58/60/2	Except with electric lighting	1	–	–
	#E1ADN–14401-D	Wiring (main) assy		2/60/62/11	Except with electric lighting	1	–	–
KA	#E1ADN–14401-F	Wiring (main) assy		11/62/	Less electric lighting	1	–	–
KA	E1ADN –14401-G	Wiring (main) assy.		2/60/	With electric lighting	1	–	–
KA	E1ADDN–14401-B	Wiring (main) assy.	5	52/56/11		–	1	–
KA	E1ADDN–14401-E	Wiring (main) assy.	2	11/56/58/8	Use with electric lighting	–	1	–
	E1ADDN–14401-F	Wiring (main) assy.		11/56/58/8	Less electric lighting	–	1	–
	E1ADDN–14401-H	Wiring (main) assy.		8/58/60/2	Except with electric lighting	–	1	–

#E1ADN-14401-F with (2) 109E-14401-F, (1) E93A-14463-B, & (1) E62A-14463 replaces E1ADN-14401-D

•With (2) 109E-14455, (1) E93A-14463-B, (1) E62A-14463 replaces previous type wiring loom used 2/60/62/11

ELECTRICAL SYSTEM—*continued*

WIRING, CABLES AND CONNECTORS—*continued*

Illus. No.			Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
KA			E1ADDN–14401-G	Wiring (main) assy.	2	8/58/60/2	Use with electric lighting—except with inertia starter	–	1	–
KA			E1ADDN–14401-J	Wiring (main) assy		4/59/60/7	Use with inertia starter	–	1	–
KA	R	#	E1ADDN–14401-L	Wiring (main) assy.		2/60/62/11	Except with electric lighting	–	1	–
KA	R	#	E1ADDN-14401-N	Wiring (main) assy.		11/62/	Less electric lighting except inertia starter	–	1	–
KA		⊕	E1ADDN-14401-P	Wiring (main) assy.		11/62/	With electric lighting except inertia starter	–	1	–
KA		♦	E1ADDN-14401-Q	Wiring (main) assy.		11/62/	With electric lighting and inertia starter	–	1	–
			118583-ES	Clip (main wiring to generator bracket)		8/58/		1	1	–
			118586-ES	Clip (main wiring to starter lever support bracket)		8/58/		1	1	–
			E137-ND-9	Wire (warning light) assy.		8/58/	Except with electric lighting	1	1	–
KA			E138-ND-9	Wire (warning light) assy.		8/58/	Use with electric lighting	1	1	–
			E1ADDN-993143-B	Clip (main wiring and temp. gauge tube to push rod cover)		54/		–	2	–
			117830-ES	Clip (water temperature gauge tube to bell crank lever retaining bolt)		11/58/		1	1	–
			E166-ND-9	Strap (warning light wire to auxilliary gear shift housing)		11/58/		1	1	–
			E1ADKN–14401-C	Wiring (main) assy.		52/56/11	With coil ignition	1	–	1
			B-14577-A	Clip (main wiring to battery bracket bolt)		52/		2	1	2
			E1ADKN–14401-D	Wiring (main) assy.		52/56/11	With magneto ignition	1	–	1
			E1ADKN–14401-E	Wiring (main) assy.		11/56/	Use with coil ignition	1	–	1
			E1ADKN–14401-F	Wiring (main) assy.		11/56/	Use with magneto ignition	1	–	1
KA			E1ADKN–14405-A	Wire (rear lamp) assy.		52/55/2		1	1	1
KA			E1ADKN–14405-B	Wire (rear lamp) assy.		2/55/58/8		1	1	1
KG			E1ADKN–14407-B	Wire (side lamp) assy.–R.H.		52/		1	1	1
		▲	E1ADN –14412	Wire (rear lamp)–R.H.		10/54/	Ind.	1	1	–
		▲	E1ADKN–14412	Wire (rear lamp)		10/54/	Except Ind.	2	2	2
			E1ADDN–14415	Wire (licence plate lamp) assy.		8/58/		1	1	–
		▲	E1ADN –14424	Wire (rear lamp) –L.H.		10/54/	Ind	1	1	–
		▲	27129-S7/8	Bolt (earth wire to bracket)		10/54/	Except Ind.	2	2	2
		▲	34079-S7/8	Nut		10/54/	Except Ind.	2	2	2
		▲	34903-S7/8	Lockwasher		10/54/	Except Ind.	2	2	2
		▲	E26-ND-9	Conduit (rear lamp wire)		10/54/	Except Ind.	2	2	2
		▲	91A-2244-A	Clip (conduit)		10/54/	Except Ind.	6	6	6
		▲	27081-S2	Bolt (clip to mudguard)		10/54/	Except Ind.	6	6	6
		▲	34079-S7/8	Nut		10/54/	Except Ind.	6	6	6
		▲	34803-S7/8	Lockwasher		10/54/	Except Ind.	6	6	6
		†	E1ADKN –14425-A	Wiring (head lamp) assy. – L.H.		52/57/1		1	1	1
	Y		957E–14425-A	Wiring (head lamp) assy		1/57/60/11		2	2	–
KA			957E –14425-B	Wiring (head lamp) assy.		11/60/		2	2	–
KA	Y	†	E1ADKN–14427-A	Wiring (head lamp) assy - R. H.		52/8/58		1	1	1
			68-8020	Clip (head lamp wiring to radiator)		52/		1	1	1
			E1ADDN –14431-B	Cable (relay switch to starter motor) assy.	5	52/56/11		–	1	–
			E1ADDN –14431-C	Cable (relay switch to starter motor) assy.	3	11/56/	Except with inertia starter	–	1	–
KA			E1ADKN –14431	Cable (starter switch to starter motor) assy.		52/		1	–	1
			E1ADDN –14445	Wire (headlamp connecting) assy.		8/58/	Use with 957E-13002/3-A	1	1	–
KA			78E –14453-A	Terminal (spark plug wire)		52/	See "Distributor"	4	–	4

#E1ADDN-14401-N with (2) 109E-14455, (1) E93A-14463-B & (1) E62A-14463 replaces E1ADDN-14401-L

▲With twin rear lamps.

† E1ADKN-14425 was R. H. and E1ADKN-14227 was L. H. up to November 1952 Diesel, and up to March 1953 Petrol and Vaporising Oil.

♦Together with (2) 109E–14455 (1) E93A–14463-B (1) E62A-14463 replaces previous type loom used 4/59/62/11

⊕Together with (2) 109E–14455 (1) E93A–14463-B (1) E62A–14463 replaces previous type loom used 2/60/62/11

ELECTRICAL SYSTEM — *continued*

WIRING, CABLES AND CONNECTORS — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	EIADKN–14454	Insulator (rear and side lamp feed wire)		52/55/2	On instrument box	1	1	1
	105E –14454-B	Insulator (cable terminal)		52/		ar	ar	ar
	105E –14454-C	Insulator (cable terminal)		52/		ar	ar	ar
	B –14455	Sleeve (rear lamp wire)		2/55/		1	1	1
	109E –14455	Sleeve (wiring)—rubber		52/		ar	ar	ar
	ET6 –14461	Terminal (side lamp wire)		52/		4	4	–
	ET6 –14461	Terminal (main wiring to regulator)		2/60/61/6		4	4	–
	ET6 –14461	Terminal (main wiring to regulator)		6/61/		2	2	–
	E62A –14463	Terminal (wire)		52/		ar	ar	ar
	E93A –14463	Terminal (wire)		52/		ar	ar	ar
	114777-ES	Terminal (flat blade)–female-flag type		52/		ar	ar	ar
	114775-ESA	Terminal (flat blade)—female		52/		ar	ar	ar
	EIADDN–14469	Terminal (main wiring to regulator)		52/		ar	ar	ar
KG	▲EIADKN–14487-B	Connector (rear lamp wiring) assy. – 8-way		10/54/		1	1	1
	105E –14487-C	Connector (wiring) assy. – 4-way	5	52/		As reqd.		
	105E –14487-D	Connector (rear lamp wiring) assy. – 6-way		53/		1	1	1
KA	EIADKN–14505	Cover (distributor to spark plug wire terminal)		52/		4	–	4
	EOA –14537	Clip (water temperature gauge tube)		52/		1	1	1
	EOA –14537	Clip (starter carburettor fuel pipe)		52/		–	–	1
	EOA –14537	Clip (fuel tank to fuel pump pipe)		52/58/8		1	1	1
	EOA –14537	Clip (water temperature gauge tube and choke control cable)		52/58/8		1	–	1
	EOA –14537	Clip (water temperature gauge tube, main wiring and starter motor cable)		8/58/		1	1	–
	EOA –14537	Clip (engine stop control cable to fuel pipe)		3/60/	Use with EIADDN-993101-D	–	2	–
	118767-ES	Screw (junction box terminal)		52/		2	2	2
	36844-S	Screw (junction box to rear lamp bracket)		52/		2	2	2
	34079-S7/8	Nut		52/		2	2	2
	34823-S7	Lockwasher		52/		2	2	2
KA	EIADKN–14539	Conduit (side lamp) – R.H.		52/		1	1	1
KA/KG	EIADKN–14539	Conduit (rear lamp)		52/		1	1	1
KA	E4-ND-9	Conduit (side lamp) – L.H.		52/		1	1	1

WIRING CLIPS, SUPPORTS AND GROMMETS

KA	E27N –14545	Support (main loom to primary gearbox housing) assy.		52/58/8		1	–	1
KA	B –14552-A	Bush (main loom support)—rubber		52/58/8	In E27N-14545	1	–	1
KA	B –14565	Clip (main loom to engine front mounting plate)	2	52/58/8		1	1	1
KA	B –14565	Clip (main wiring to frame side member)	2	11/54/		1	1	1
	359833-S2	Clip (side lamp wiring to rear mudguard platform)		52/54		2	2	2
	359833-S2	Clip (head lamp and generator wiring to generator mount. bolt)		52/		1	–	1
	359833-S2	Clip (battery negative cable to air cleaner bracket)		52/		1	1	1
	359833-S2	Clip (radiator shell fixing bolt to main loom)		52/58/8		1	1	1
	359833-S2	Clip (tachometer drive cable to steering gear housing)		8/58/		1	1	–
	EB –14577	Clip (head lamp and generator wiring to generator mount. bolt)		52/		–	1	–
	EB –14577	Clip (main wiring to valve chamber cover bolt)		52/		2	–	2
KA	EB –14577	Clip (main wiring to battery support bracket bolt)		54/58/8		2	1	2
	EB –14577	Clip (main wiring to horn)		8/58/		1	1	–
	EB –14577	Clip (main wiring to air cleaner bracket)		8/58/		1	1	–
KA	EB –14586	Clip (main wiring to engine front mounting plate)	2	8/58/		1	1	–
KA	118524-ES	Clip (main wiring to radiator support)		8/58/62/2		1	1	–

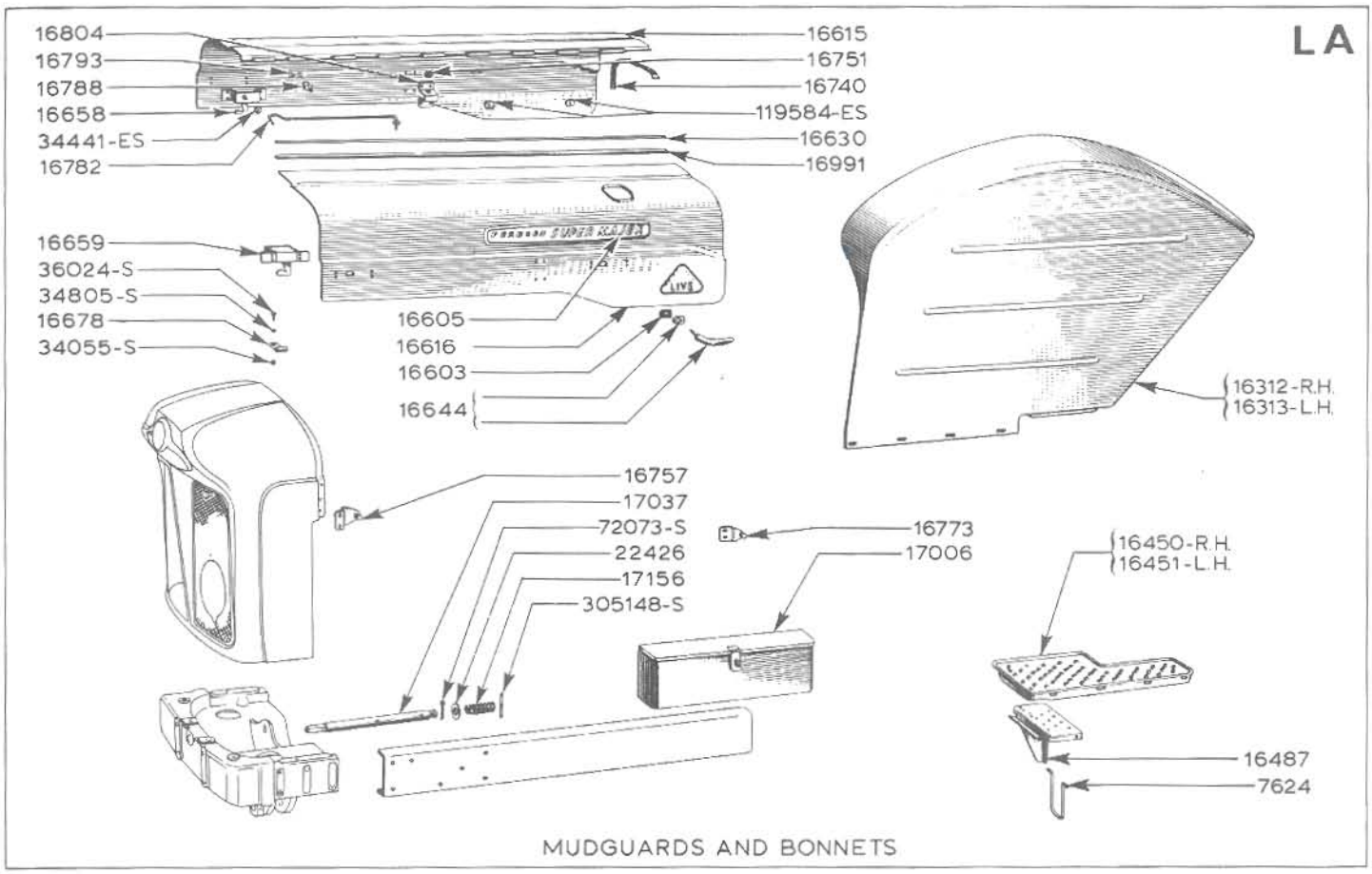
▲With twin rear lamps.

ELECTRICAL SYSTEM—*continued*

WIRING CLIPS, SUPPORTS AND GROMMETS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	117818-ES	Clip (main wiring to radiator support)		2/62/		1	1	–
KA	118561-ES2	Clip (main wiring to radiator support)		8/58/		1	1	–
KA	118561-ES2	Clip (head lamp wire to radiator support)		8/58/		1	1	–
	EIADDN–14593	Support (L.H. side lamp conduit)		11/60/		1	1	–
	EIADKN–14595	Support (R.H. side lamp conduit)		52/57/1		2	2	2
	EIADKN–14595	Support (R.H. side lamp conduit)		1/57/		1	1	1
KA	N –14599	Support (side and rear lamp conduit)		52/57/1	5 required with H.P.L.	7	7	7
KA	N –14599	Support (side and rear lamp conduit)		1/57/	3 required with H.P.L.	6	6	6
KA	N –14599	Support (side lamp conduit to brake extension housing)		54/		2	2	2
	20370-S7/8	Screw (conduit support to brake extension housing)		54/57/1		2	2	2
	34808-S36	Lockwasher		54/57/1		2	2	2
KA	EIADKN–14599	Support (side and rear lamp conduit)		52/57/1	Less H.P.L.	2	2	2
KA	EIADKN–14599	Support (side and rear lamp conduit)		1/57/	Less H.P.L.	1	1	1
KA/KG	▲EIADKN–14602	Grommet (rear lamp wire)		10/54/	Except Ind.	2	2	2
KA	7V –14603-A	Grommet (main wiring to instrument box)	2	52/58/8		1	1	1
	EIADKN–14606	Grommet (choke control to instrument box)		52/58/8		1	–	1
	EIADKN–14606	Grommet (engine stop control to instrument box)		52/58/8		–	1	–
	CE –14612	Anti-rattle (engine stop control)		52/		–	1	–
	EIADKN–14633	Bracket (battery cable and main wiring support)		52/58/8		2	2	2
	EIADKN–14633	Bracket (battery cable and main wiring support)		8/58/		1	1	–
	EIADKN–14633	Bracket (main wiring and temp. gauge tube to fuel tank support)		8/58/		1	1	–
KA	ET6 –14660	Clip (head lamp wiring to fan shroud)	2	52/		2	2	2
KA	E493A –14666	Clip (main wiring loom to support bracket)	3	52/58/8		2	2	2
KA	E493A –14666	Clip (main wiring and battery cable to steering gear housing)	3	8/58/		1	1	–
KA	E493A –14666	Clip (main wiring and water temp. gauge tube to fuel tank support)	3	8/58/		1	1	–
	EOTA –14691	Ring (distributor H.T. or L.T. wire)		52/		1	–	1
	EIADDN–14693-A	Cover (battery to starter relay switch cable terminal)		52/56/11		–	1	–
KA	EIADDN–14693-B	Cover (battery to starter relay switch cable terminal)		11/56/	Except with inertia starter	–	1	–
	EOA –15550-B	Handlamp		52/	Accessory	1	1	1

▲With twin rear lamps.



MUDGUARDS AND BONNETS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

MUDGUARDS (FENDERS)

					P D V
	E1ADDN–16271	Step (platform mounting)	4/62/		1 1 –
	20452-S2	Bolt (foot step to gear shift cover)	4/62/		1 1 –
	350472-S2	Bolt (foot step to mudguard support)	4/62/		2 2 –
	33798-S7/8	Nut (foot step to mudguard support)	4/62/		1 1 –
	34806-S7/8	Washer	4/62/		1 1 –
	E1ADDN–16312-B	Mudguard assy. – R.H.	11/60/	With electric lighting	1 1 –
LA	E1ADDN–16312-D	Mudguard assy. – R.H.	11/60/	Less electric lighting Replaces E1ADDN-16312-A	1 1 –
LA	E1ADKN–16312-A	Mudguard assy. – R.H.	52/60/11	Less electric lighting	1 1 1
	E1ADKN–16312-B	Mudguard assy. – R.H.	52/60/11	With electric lighting	1 1 1
	957E –16312-G	Mudguard assy. – R.H.	6/63/	Germany only	1 1 –
	▲E37-PA-9	Mudguard and bracket assy. – R.H.	10/54/60/11	Except Ind.	1 1 1
	▲E182-PA-9	Mudguard and bracket assy. – R.H.	11/60/		1 1 –
	E1ADDN–16313-E	Mudguard assy. – L.H.	11/60/	With electric lighting	1 1 –
LA	E1ADDN–16313-K	Mudguard assy. – L.H.	11/60/	Less electric lighting Replaces E1ADDN-16313-D	1 1 –
	E1ADDN–16313-U	Mudguard assy. – L.H.	6/63/	Germany only	1 1 –

▲Use with twin rear lamps.

MUDGUARDS (FENDERS) — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
LA	EIADKN–16313-A	Mudguard assy. – L.H.		52/60/11	Less electric lighting	1	1	1
	EIADKN–16313-B	Mudguard assy. – L.H.		52/60/11	With electric lighting	1	1	1
	EIADKN–16313-C	Mudguard assy. – L.H.		5/57/60/11		1	1	1
	▲E38-PA-9	Mudguard and bracket assy. – L.H.		10/54/60/11	Except Ind.	1	1	1
	▲E183-PA-9	Mudguard and bracket assy. – L.H.		11/60/		1	1	–
	119185-ES2	Bolt (mudguard to rear axle)		52/	2 required with H.P.L.	4	4	4
	118977-ES2	Bolt (mudguard to bracket to rear axle)		52/	With H.P.L.	2	2	2
	33849-S2	Nut		52/		4	4	4
	34811-S7/8	Lockwasher		52/		4	4	4
	20327-S7/8	Bolt (mudguard to platform)		52/60/11		4	4	4
	20327-S7/8	Bolt (mudguard to platform)		11/60/		6	6	–
	20347-S7/8	Bolt (mudguard to platform to front support)		52/60/11		2	2	2
	350477-S2	Bolt (mudguard platform to front support)		11/60/		2	2	–
	33798-S7/8	Nut		52/60/11		6	6	6
	33798-S7/8	Nut		11/60/		2	2	–
	44722-S7	Washer		52/60/11		6	6	6
	44722-S7	Washer		11/60/		2	2	–
	34806-S7/8	Lockwasher		52/60/11		6	6	6
	34806-S7/8	Lockwasher		11/60/		2	2	–
	44722-S7	Washer		11/60/		2	2	–
KA/KG	B –16386	Grommet (side lamp wire to mudguard)		52/		2	2	2
LA	EIADDN–16450-A	Platform (mudguard) – R.H.		11/60/		1	1	–
LA	EIADDN–16450-B	Platform (mudguard) – R.H.		11/60/	Ind.	1	1	–
LA	EIADDN–16451-A	Platform (mudguard) – L.H.		11/60/		1	1	–
LA	EIADDN–16451-B	Platform (mudguard) – L.H.		2/61/	Industrial	1	1	–
	**EIADKN–16462	Support (mudguard front platform) – L.H.		3/57/60/11		1	1	1
	EIADKN–16472	Platform (mudguard) – front – R.H.		52/60/11		1	1	1
	350483-S2	Bolt (platform to brake pedal stop bracket)		52/60/11		1	1	1
	355471-S2	Bolt (platform to brake pedal stop bracket)		52/60/11		1	1	1
	33798-S7/8	Nut		52/		2	2	2
	34806-S7/8	Lockwasher		52/		2	2	2
	EIADKN–16473	Platform (mudguard) – front – L.H.		52/60/11		1	1	1
	355471-S2	Bolt (platform to clutch pedal stop)		52/		2	2	2
	33798-S7/8	Nut		52/		2	2	2
	34806-S7/8	Lockwasher		52/		2	2	2
	20370-S7/8	Screw (platform to brake extension housing)		52/54/		4	4	4
	44730-S2	Washer		52/54/		4	4	4
	34808-S7/8	Lockwasher		52/54/		4	4	4
	350477-S2	Bolt (rear to front platform)		52/54/		4	4	4
	350477-S2	Bolt (platform to rear support)		52/54/		2	2	2
	33798-S7/8	Nut		52/54/		6	6	6
	34806-S7/8	Lockwasher		52/54/		6	6	6
	EIADDN–16486-A	Support (mudguard platform) – R.H.		52/		1	1	–
LA	EIADDN–16487	Support (mudguard platform) – L.H.		52/		1	1	–
	20346-S7/8	Bolt (support to brake housing)		11/60/		2	2	–
	34806-S7/8	Lockwasher		11/60/		2	2	–
	44723-S8	Washer		11/60/		2	2	–
	20370-S2	Screw (support to brake extension housing)		52/54/		4	4	4
	44730-S2	Washer		52/54/		4	4	4
	34808-S7/8	Lockwasher		52/54/		4	4	4
S	E254-PA-9	Bracket (Mudguard support)		6/63	Germany only	2	2	–
S	44734-S2	Washer (Bracket to mudguard)		6/63/	Germany only	4	4	–
S	304784-S2	Bolt (Bracket to fender)		6/63/	Germany only	8	8	–
S	E256-PA-9	Bolt (Mudguard support bracket to axle)		6/63/	Germany only	2	2	–
S	33849-S2	Nut (Mudguard bolt)		6/63/	Germany only	4	4	–
S	33346-S2	Nut (Bracket to mudguard)		6/63/	Germany only	8	8	–
S	34809-S2	Lockwasher		6/63/	Germany only	8	8	–

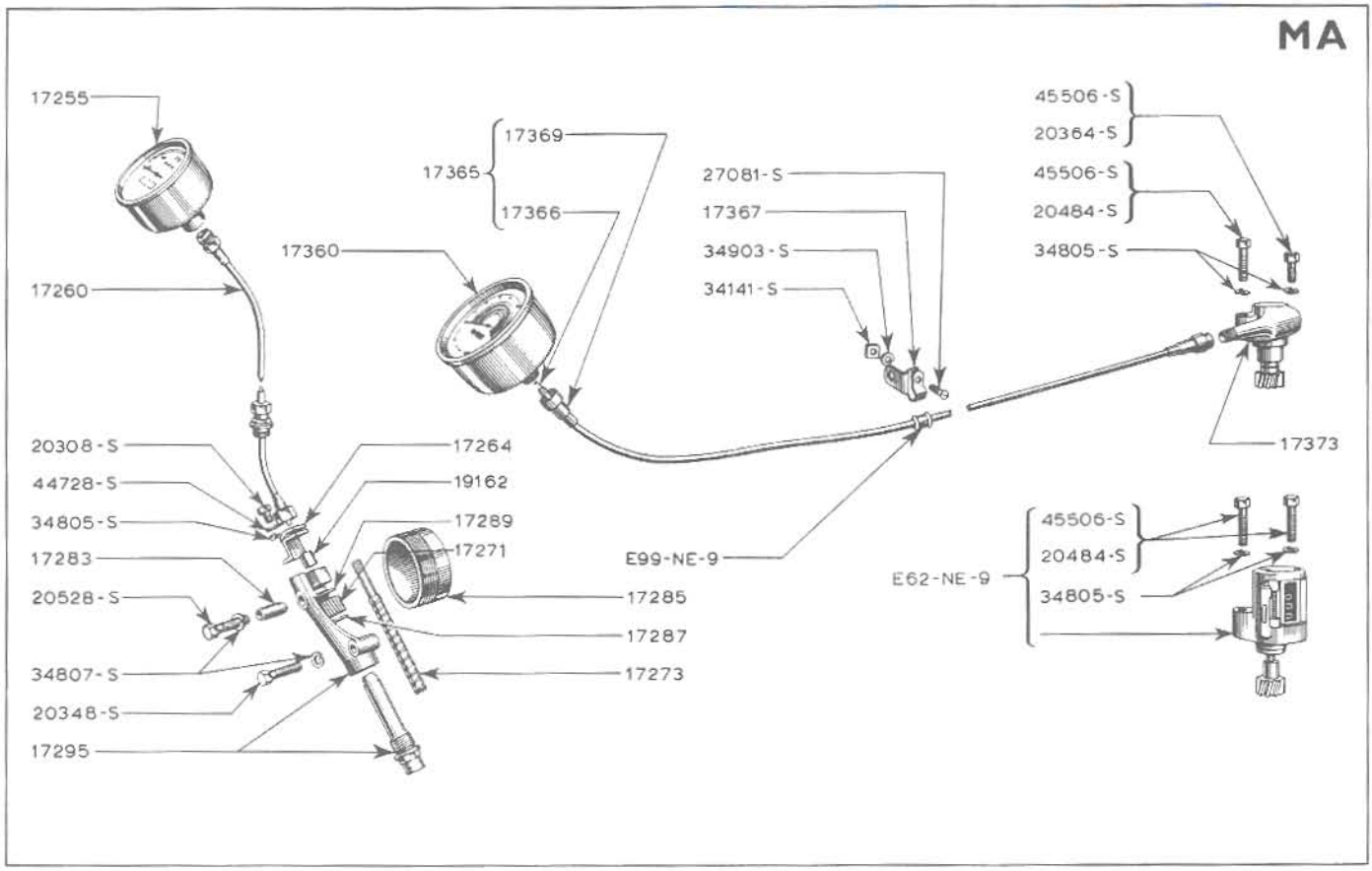
**Use with Live Power Take off ▲Use with Twin Rear Lamps.

BONNET (HOOD)

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		E04A –16603	Pad (bonnet handle)		52/60/11	Rubber	4	4	4
LA		E1ADDN–16603	Pad (bonnet handle)		11/60/		4	4	–
		E1ADKN–16605-C	Ornament (bonnet side)		52/58/8		2	2	2
		117543-ES7/8	Nut (ornament retaining)		52/53/		6	10	6
LA		119584-ES	Nut (ornament retaining)		53/58/8		6	10	6
LA		E1ADDN–16605-E	Ornament (bonnet side)		11/60/62/7		2	2	–
LA		E1ADDN–16605-E	Ornament (bonnet side)		7/62/63/6	Except America	2	2	–
LA		E1ADDN–16605-F	Emblem (bonnet side)		7/62/	America	2	2	–
		960E –16605-C	Emblem (bonnet side)		6/63/	Except Australia and America	1	1	–
		115202-ES2	Fastener (ornament to hood)		8/58/60/11		6	6	–
		115201-ES	Fastener (ornament to hood)		11/60/		6	6	–
LA	Y	E1ADDN–16615-D	Side (bonnet) assy. – R.H.		52/		1	1	–
LA	Y	E1ADDN–16616-F	Side (bonnet) assy – L.H.		52/		1	1	–
LA		†E1ADKN–16630	Pin (bonnet hinge)		52/		1	1	1
LA		E1ADKN–16644	Handle (bonnet) assy.		52/60/11		4	4	4
LA		E1ADDN–16644	Handle (bonnet) assy.		11/60/		4	4	–
LA		34441-ES7/8A	Nut (handle to side panel)		52/		4	4	4
LA		E1ADKN–16658	Lock (R.H. bonnet side) assy.		52/		2	2	2
LA		E1ADKN–16659	Lock (L.H. bonnet side) assy.		52/		2	2	2
		60311-S	Rivet (lock to side panel)		52/		16	16	16
LA		E1ADKN–16678	Bracket (bonnet hinge pin)		52/		2	2	2
		36024-S7/8	Screw (rear hinge bracket to fuel tank bracket)		52/		2	2	2
		34954-S7/8	Washer (shakeproof)		52/		2	2	2
LA		36024-S7/8	Screw (front hinge bracket to radiator shell)		52/		2	2	2
LA		34055-S7/8	Nut		52/		2	2	2
LA		34805-S8	Lockwasher		52/		2	2	2
LA		E1ADKN–16740	Pad (bonnet top)		52/		2	2	2
		63309-S7/8	Rivet (pad to bonnet)		52/		8	8	8
		44705-S7/8	Washer		52/		8	8	8
LA		E1ADKN–16751	Grommet (bonnet support)		52/		2	2	2
		E62A –16754	Bumper (starter control hole)	2	52/58/8	See "Instrument Box"	–	2	–
LA/HA		E1ADKN–16757	Bracket (bonnet catch retaining) assy. – front		52/		2	2	2
		38229-S7/8	Bolt (bracket to radiator shell)		52/		4	4	4
		33796-S7/8	Nut		52/		4	4	4
		44719-S8	Washer		52/		4	4	4
		34805-S7	Lockwasher		52/		4	4	4
		E1ADKN–16773	Bracket (bonnet catch retaining) assy. – rear		52/56/11		2	2	2
LA		E1ADKN–16773	Bracket (bonnet catch retaining) assy. – rear		11/56/		2	1	2
		E1ADKN–16774	Bracket (bonnet catch retaining) assy. – rear – R.H.		11/56/		–	1	–
		38229-S7/8	Bolt (bracket to heat baffle plate)		52/		4	4	4
		33796-S7/8	Nut		52/		4	4	4
		44719-S8	Washer		52/		4	4	4
		34805-S7	Lockwasher		52/		4	4	4
LA		E1ADKN–16782-B	Support (bonnet)		52/		2	2	2
		44719-S8	Washer		6/62/		2	2	–
		72004-S	Split pin		6/62/		2	2	–
LA		E04A –16788-B	Clip (bonnet support rod)		52/		2	2	2
LA		E04A –16793-C	Retainer (bonnet support rod clip)		52/		2	2	2
		60311-S	Rivet (retainer to side panel)		52/		4	4	4
LA		E1ADKN–16804-B	Bracket (bonnet support pivot)		52/		2	2	2

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		BONNET (HOOD)—*continued*						
	60311-S	Rivet (bracket to side panel)		52/		8	8	8
	E1ADKN–16828-B	Clip (bonnet support rod to battery heat baffle)	2	52/		2	2	2
	E1ADKN–16828-C	Clip (radiator grille to shell)		52/		2	2	–
	E1ADKN–16828-C	Clip (bonnet support rod to battery heat baffle)		52/57/4		2	2	2
		TOOLS AND STARTING HANDLE						
LA	E1ADKN–17006	Box (tool)		52/	Except with inertia starter	1	1	1
	20350-S	Screw (tool box to engine pad)		52/	Except with inertia starter	2	2	2
	44730-S2	Washer		52/	Except with inertia starter	2	2	2
	20347-S7/8	Bolt (tool box to L.H. fender)		4/59/	Use with inertia starter	–	2	–
	33879-S7/8	Nut		4/59/	Use with inertia starter	–	2	–
	34806-S36	Lockwasher		4/59/	Use with inertia starter	–	2	–
	44725-S	Washer		4/59/	Use with inertia starter	–	2	–
	C5NN–17014-B	Wrench (7/16" x 1/2" hex. open end)	3	52/	Repl. O1A–17015	1	1	1
	N –17016	Wrench (7/16" x 5/8" cap screw)	3	52/		1	1	1
	C5NN–17014-C	Wrench (9/16" x 5/8" hex. open end)	3	52/	Repl. O1A-17016	1	1	1
	204E –17016	Wrench (5/8" x 11/16" hex. open end)		52/		1	1	1
	EOA –17017	Spanner (spark plug box)		52/		1	–	1
	EB –17020	Screwdriver	2	52/		1	1	1
	N –17024-A	Wrench (1/2" x 9/16" cap screw)		52/		1	1	1
	B –17025-A	Pliers		52/		1	1	1
	E27N –17034	Handle (wheel nut wrench)		52/		1	1	1
	E27N –17034	Handle (jack)		52/	Metallifacture	1	1	1
	51 –17035	Wrench (wheel nut)	5	52/		1	1	1
	E1ADKN–17036	Handle (starting crank) assy.		52/		1	1	1
	‡E1ADKN–17037-A	Coupling (starting crank)		52/	Use less magneto	1	1	1
LA	‡E1ADKN–17037-B	Coupling (starting crank)		4/56/	Use with magneto	1	–	1
LA	305148-S2	Pin (starting crank coupling)		52/61/2		1	1	1
LA	305148-S2	Pin (starting crank coupling)		2/61/		1	1	–
	305148-S2	Pin (starting crank coupling)		2/61/		1	1	–
LA	72073-S	Pin (retaining cotter)		52/58/11		3	3	3
LA	72073-S	Pin (retaining cotter)		11/58/		1	1	1
	YE –17049	Tommy bar		52/		1	–	1
	N –17052-A	Pump (tyre) assy.–foot type		52/	With pneumatics Accessory	1	1	1
	E1ADKN–17052	Pump (tyre) assy.–spark plug type		52/	With pneumatics Accessory	1	–	1
	E27N –17061	Connection (tyre pump) assy.		52/		1	1	1
	E27N –17080-A	Jack assy.–less handle		52/	Accessory	1	1	1
	E27N –17081-C	Handle (jack)		52/	Rectangular section	1	1	1
	E1ADDN–17098	Bar (fuel injector lifting) assy.	3	52/		–	1	–
	118828-ES2	Screw (lifting bar)		52/	U.S. Procure Locally	–	1	–
	E1ADKN–17108	Key (1/2" "L")	5	52/		1	1	1
	N –17125	Gun (lubricating) assy.		52/	Accessory	1	1	1
LA	E27N –17156	Spring (starting crank coupling)		52/		1	1	1
LA	N-22426	Washer	5	52/		2	2	2

‡When replacing E1ADKN–17037-A/B coupling, with coupling that has 2 drilled holes, supply also (1) 116321-ES Pin.



Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

SPEEDOMETER AND TACHOMETER (PROOFMETER)

						P	D	V
	E1ADKN–17250-A	Installation (speedometer)		52/	Miles	1	1	1
MA	E27N –17255-D	Speedometer assy.		52/	Kilos	1	1	1
MA	†E1ADKN–17260-B	Shaft (speedometer) and casing assy.		52/	19.37" inner cable	1	1	1
MA	E27N –17264-B	Support (speedometer shaft and casing)		52/	18.73" casing	1	1	1
MA	20308-S7/8	Screw (support to adaptor bracket)		52/		1	1	1
MA	44728-S7/8	Washer		52/		1	1	1
MA	34805-S7	Lockwasher		52/		1	1	1
	E1ADKN–17265	Bracket (speedometer head) and support assy.		52/		1	1	1
	44710-S7/8	Washer		52/		2	2	2
MA	E27N –17271	Gear (speedometer driven)		52/		1	1	1
	E27N –17273	Shaft (speedometer driven gear)		52/54		1	1	1
MA	E1ADKN–17273	Shaft (speedometer driven gear)		54/	4.75"	1	1	1
MA	E27N –17283	Bush (speedometer adaptor bracket)–dowel		52/		1	1	1
MA	N-19162	Bush (speedometer adaptor bracket)	5	52/		1	1	1
MA	E27N –17285	Gear (speedometer driving)		52/		1	1	1
	E27N-7013	Washer (main gear box large gear bearing) assy.		52/		1	1	1
MA	E27N –17287	Washer (speedometer thrust)–inner		52/		1	1	1
MA	E27N –17289	Washer (speedometer thrust)–outer		52/		1	1	1

† When replacing early type Shaft fitted in production prior to 9th March, 1954, supply also E1ADKN–17273.

SPEEDOMETER AND TACHOMETER (PROOFMETER) — *continued*

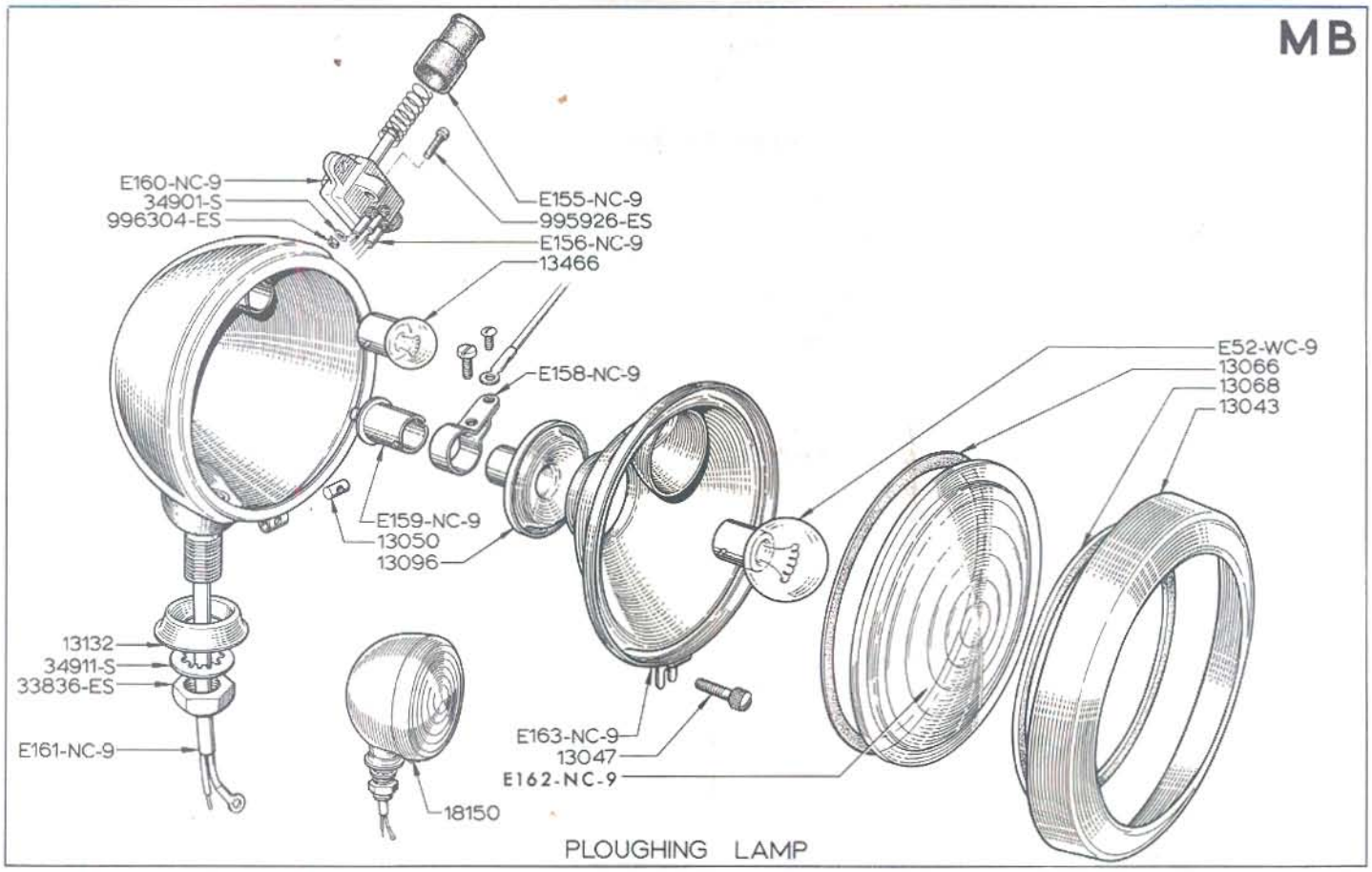
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E93-NE-9	Installation (tachometer)		54/56/2	Kilos	1	1	1
MA	□E1ADKN–17360-C	Tachometer assy.	2	2/56/58/8	Miles	1	1	1
MA	□E1ADKN–17360-D	Tachometer assy.		2/56/58/8	Kilos	1	1	1
MA	E1ADDN–17360-A	Tachometer assy.		8/58/	Miles	1	–	–
MA	E1ADDN–17360-A	Tachometer assy		8/58/62/4	Miles	–	1	–
MA	E1ADDN–17360-A	Tachometer assy		4/62/	Miles With exhauster	–	1	–
MA	E1ADDN–17360-B	Tachometer assy		8/58/	Kilos	1	–	–
MA	E1ADDN–17360-B	Tachometer assy		8/58/62/4	Kilos	–	1	–
MA	E1ADDN–17360-B	Tachometer assy		4/62/	Kilos With exhauster	–	1	–
MA	E1ADDN–17360-C	Tachometer assy		8/58/	Sweden only	1	–	–
MA	E1ADDN–17360-C	Tachometer assy		8/58/62/4	Sweden only	–	1	–
MA	E1ADDN–17360-C	Tachometer assy		4/62/	Sweden only - with exhauster	–	1	–
MA	E1ADDN–17360-D	Tachometer assy.		4/62/63/6	Miles - Except exhauster	–	1	–
MA	E1ADDN–17360-E	Tachometer assy		4/62/63/6	Kilos -Except exhauster	–	1	–
MA	E1ADDN–17360-G	Tachometer assy		4/62/63/6	Germany -Except exhauster	–	1	–
MA	E1ADDN–17360-J	Tachometer assy.		6/63/	MILES – Except exhauster	–	1	–
MA	E1ADDN–17360-K	Tachometer assy.		6/63/	KILOS – Except exhauster	–	1	–
MA	E1ADDN–17360-M	Tachometer assy.		6/63/	GERMANY – Except exhauster	–	1	–
MA	E1ADDN–17360-N	Tachometer assy.		6/63/	MILES – Except exhauster 3.5:1 ratio	–	1	–
MA	E1ADDN–17360-P	Tachometer assy.		6/63/	KILOS – Except exhauster 3.5:1 ratio	–	1	–
MA	E1ADDN–17360-R	Tachometer assy.		6/63/	SWEDEN – Except exhauster 3.5:1 ratio	–	1	–
	E250-NE-9	Ring (tachometer sealing)		8/58/		1	1	–
MA	E1ADDN–17365-A	Cable (tachometer) assy		8/58/		1	–	–
MA	E1ADDN–17365-A	Cable (tachometer) assy.		8/58/62/4		–	1	–
MA	E1ADDN–17365-A	Cable (tachometer) assy		4/62/	With exhauster	–	1	–
MA	E1ADDN–17365-B	Cable (tachometer) assy.	3	8/58/60/3		1	1	–
MA	E1ADDN–17365-B	Cable (tachometer) assy.	3	8/58/60/3		1	1	–
MA	E1ADDN–17365-C	Cable (tachometer) assy		4/62/	Except exhauster	–	1	–
MA	E1ADKN–17365-A	Cable (tachometer) assy.		54/56/2		1	1	1
MA	□E1ADKN–17365-B	Cable (tachometer) assy.	5	2/56/58/8		1	1	1
MA	#○E1ADKN–17365-C	Cable (tachometer) assy.	2	2/56/58/8		1	1	1
MA	□E1ADDN–17366	Shaft (tachometer) 58" long		8/58/62/4		1	1	1
MA	E1ADDN–17366-B	Shaft (tachometer) 58" long		8/58/60/3	Part of E1ADDN-17365-B	1	1	–
MA	○E1ADDN–17366-C	Shaft (tachometer)		8/58/	Part of E1ADDN-17365-A	1	–	–
MA	○ E1ADDN–17366-C	Shaft (tachometer) E1ADDN-17366-A		8/58/62/4	Part of E1ADDN-17365-A	–	1	–
MA	○E1ADDN–17366-C	Shaft (tachometer)		4/62/	Part of E1ADDN-17365-A With exhauster	–	1	–
MA	○E1ADDN–17366-E	Shaft (tachometer) 45 1/2" long		4/62/	Except exhauster. Part of E1ADDN–17365-C – Replaces E1ADDN-17366-D	–	1	–
MA	□E1ADKN–17366-A	Shaft (tachometer) (49-3/4" Long)	2	2/56/58/8	Part of E1ADKN-17365-B	1	1	1
MA	○E1ADKN–17366-B	Shaft (tachometer)		2/56/58/8	Part of E1ADKN-17365-C	1	1	1
MA	#E1ADKN–17366-C	Shaft (tachometer)		2/56/58/8	Part of E1ADKN-17365-C	1	1	1
MA	#E1ADKN–17366-C	Shaft (tachometer)		2/56/58/8	Part of E1ADKN-17365-C	1	1	1
MA	E1ADKN–17367	Clip (tachometer drive cable to front transmission housing)		54/		1	1	1
MA	27081-S2	Bolt (tachometer drive cable clip)		54/62/4		1	1	1
MA	34903-S7	Lockwasher		54/62/4		1	1	1

□A.C. type. ○Smith's type #White's type

SPEEDOMETER — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
MA	34141-S7	Nut		54/62/4		1 1 1
	E1ADDN–17367	Clip (tachometer cable)		2/56/		1 1 –
	E516-NE-9	Bracket (tachometer cable)		4/62/		1 1 –
	E1ADKN–17368-A	Clamp (tachometer mounting)		54/56/2		1 1 1
	○E1ADKN–17368-C	Clamp (tachometer mounting)		2/56/58/8		1 1 1
	□E1ADKN–17368-B	Clamp (tachometer mounting)		2/56/58/8		1 1 1
MA	□E1ADDN–17369-A	Conduit (tachometer)		8/58/	Part of E1ADDN–17365-A	1 – –
MA	□E1ADDN–17369-A	Conduit (tachometer)		8/58/62/4	Part of E1ADDN–17365-A	– 1 –
MA	□E1ADDN–17369-A	Conduit (tachometer)		4/62/	With Exhauster Part of E1ADDN–17365-A	– 1 –
MA	○E1ADDN –17369-B	Conduit (tachometer)	2	8/58/60/3	Part of E1ADDN–17365-B	1 1 –
MA	○ E1ADDN–17369-C	Conduit (tachometer)		8/58/	Part of E1ADDN–17365-A	1 – –
MA	○ E1ADDN–17369-C	Conduit (tachometer)		8/58/62/4	Part of E1ADDN–17365-A	– 1 –
MA	○ E1ADDN–17369-C	Conduit (tachometer)		4/62/	With Exhauster Part of E1ADDN-17365-A	– 1 –
MA	○E1ADDN–17369-E	Conduit (tachometer)		4/62/	Except exhauster. Part of E1ADDN–17365-C	– 1 –
MA	□E1ADKN–17369-A	Conduit (tachometer)		2/56/58/8		1 1 1
MA	○E1ADKN–17369-B	Conduit (tachometer)	2	2/56/58/8	Part of E1ADKN-17365-C	1 1 1
MA	□ E1ADKN–17369-C	Conduit (tachometer)		2/56/58/8		1 1 1
	20345-S7/8	Bolt (tachometer clamp)		54/58/8		1 1 1
	34940-S7	Lockwasher		54/58/8		1 1 1
	33796-S7/8	Nut		54/58/8		1 1 1
MA	E1ADKN–17373-A	Gear (tachometer) assy. (Not Serviced)		54/56/2		1 1 1
MA	□E1ADKN–17373-B	Gear (tachometer) assy.	10	2/56/		1 1 1
MA	○E1ADKN–17373-C	Gear (tachometer) assy.	5	2/56/60/3		1 1 1
MA	□45506-S2	Bolt (tachometer drive to block)		2/56/		2 2 2
	○20324-S7/8	Bolt (tachometer drive to block)		2/56/58/12		– 1 –
MA	○20364-S7/8	Bolt (tachometer drive to block)		12/58/		– 1 –
	○20444-S4	Bolt (tachometer drive to block)		2/56/58/12		– 1 –
MA	○ 20484-S2	Bolt (tachometer drive to block)		12/58/		– 1 –
MA	34805-S7	Washer		2/56/		2 2 2
	E62A –17441	Ferrule (injection pump governor suction pipe)	2	52/54	See "Injec. Pump Governor"	– 4 –
	E62A –17441	Ferrule (crankcase ventilation tube)	2	4/57/		1 – –
	B –17523	Grommet (starter control to instrument box)		52/	See "Starter Control"	1 – 1
	A –17540-A	Connector (lubricating tube to axle housing)	2	52/	See "Rear Axle"	2 2 –
	A –17540-A	Connector (fuel leak off pipe to cylinder head)	2	53/	See "Fuel Injector Pipes"	– 1 –
	EB –17542-A	Nut (fuel return pipe)	3	52/	See "Pipelines"	– 2 –
	EB –17542-A	Nut (fuel leak off pipe to cylinder head)	3	53/	See "Fuel Injector Pipes"	– 1 –
	EB –17542-A	Nut (lubricating tube union)	3	52/	Ind	4 4 –
	E1ADKN–17563	Adaptor (ventilation pipe to inlet manifold)		52/	See "Manifolds"	– 1 –
MA	E62-NE-9	Hourmeter assy		53/	Accessory from approx. engine No. 1266167	1 1 1
MA	○20484-S2	Bolt		53/		1 1 1
MA	□45506-S2	Bolt		53/		1 1 1
MA	34805-S7	Lockwasher		53/		1 1 1

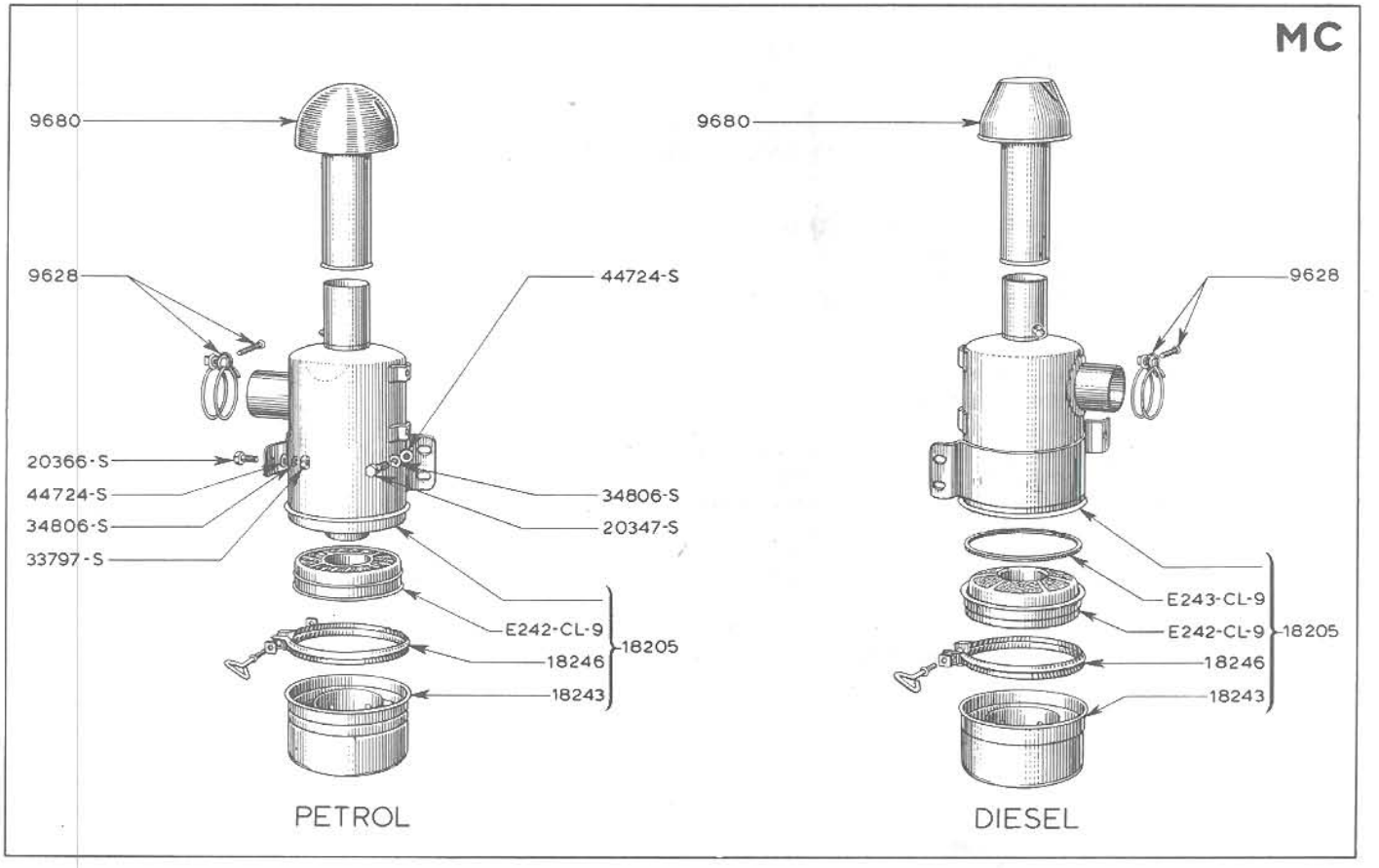
□A.C. Type ○Smith's type



Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.		
		REAR VIEW MIRROR				P	D	V
	E53-WE-9	Kit (rear view mirror)		52/		1	1	1
	E1ADKN-17723	Mirror (rear view) assy.	5	52/56/6		1	1	1
	BE-17723-A7	Mirror (rear view) assy	5	52/	Replaces E1ADKN-17723	2	2	2
	34805-S7/8	Lockwasher		52/		2	2	2
	E1ADDN-17742	Bracket (rear view mirror)-L.H.		5/56/		1	1	1
	E1ADKN-17745	Bracket (rear view mirror)-R.H.		52/		1	1	1
	36847-S7/8	Screw (rear view mirror bracket to fender)		52/		2	2	2
	33796-S7/8	Nut		52/		2	2	2
	34805-S7/8	Lockwasher		52/		2	2	2
		PLOUGHING LAMP						
MB	E1ADKN-18150-B	Ploughing lamp assy.-less bulb		52/		1	1	1
MB	33836-ESB	Nut (ploughing lamp mounting bracket)		52/		1	1	1
MB	34911-S7/8	Lockwasher		52/		1	1	1
MB	E155-NC-9	Cover (ploughing lamp switch knob)		52/		1	1	1
MB	E156-NC-9	Grommet (ploughing lamp cable)		52/		1	1	1
MB	E158-NC-9	Clamp (ploughing lamp bulb socket) and screw assy.		52/		1	1	1

PLOUGHING LAMP—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
MB	E159-NC-9	Socket (ploughing lamp bulb) assy.		52/		1	1	1
MB	E52-WC-9	Bulb (ploughing lamp)		52/		1	1	1
MB	100E-13466-A	Bulb (ploughing lamp)	10	52/		1	1	1
MB	C5NN-13N013-A	Switch (ploughing lamp) assy.		52/	Repl. E160-NC-9	1	1	1
MB	995926-ES	Screw (switch to lamp)		52/		2	2	2
MB	996304-ES	Nut		52/		4	4	4
MB	34901-S7/8	Lockwasher		52/		2	2	2
MB	E161-NC-9	Wiring (ploughing lamp) assy.		52/		1	1	1
MB	E162-NC-9	Lens (ploughing lamp)		52/	Repl. 508E-15514	1	1	1
MB	E1ADKN-13043	Door (ploughing lamp) and latch assy.		52/		1	1	1
MB	E1ADKN-13047	Bolt (ploughing lamp door latch)	2	52/		1	1	1
MB	E1ADKN-13050	Nut (ploughing lamp door latch bolt)—swivel	2	52/		1	1	1
	E1ADKN-13061	Retainer (ploughing lamp lens)		52/		6	6	6
MB	E04C -13066	Gasket (ploughing lamp lens)	3	52/		1	1	1
MB	E1ADKN-13068	Gasket (ploughing lamp lens to door)	3	52/		1	1	1
MB	E93A-13096	Adaptor (ploughing lamp bulb socket) assy.		52/		1	1	1
MB	E1ADKN-13132	Washer (ploughing lamp base)—seating		52/		1	1	1
	E1ADKN-18189	Spindle (governor relay)		52/57/4	See "Governor"	–	–	1



Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
		AIR CLEANER						
	E1ADKN–18205-B	**Cleaner (oil bath air) assy.**	2	52/57/4		1	1	1
MC	E1ADDN–18205-B	Cleaner (oil bath air) assy		4/57/	Replaces E1ADDN-18205-A & C	1	1	1
	E1ADKN–9680-A	**Cleaner (primary air) assy.**		52/54		1	1	1
	E0A-9107	**Clamp (primary to main air cleaner) assy.**		52/54		1	1	1
MC	E1ADKN–9680-B	**Cleaner (primary air) assy.**	5	54/		1	1	1
MC	E1ADKN–9680-D	**Cleaner (primary air) assy.**		4/57/		1	1	–
MC	E1ADKN–9680-E	**Cleaner (primary air) assy.**		4/57/		1	1	–
MC	20347-S7/8	**Screw (air cleaner bracket to support bracket)**		52/		2	2	2
MC	44724-S2	Washer		52/		2	2	2
MC	34806-S36	Lockwasher		52/		2	2	2
	†E1ADKN–18228	**Pipe (air cleaner inlet)**		52/54		1	1	1
	†E0A-9107	**Clamp (air inlet pipe)**		52/54		1	1	1

†Used only when primary air cleaner is mounted externally.

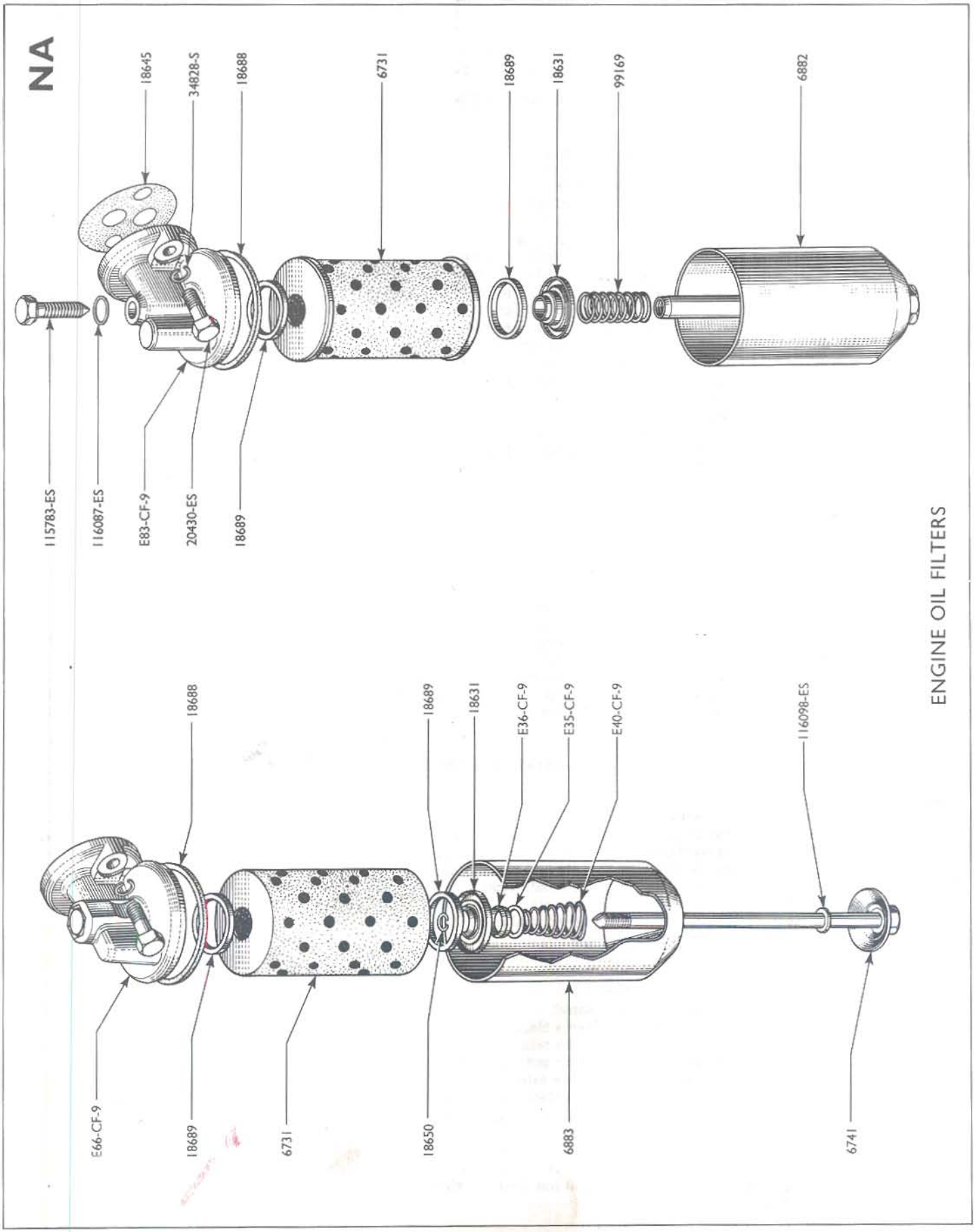
AIR CLEANER—continued

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADN –18229-B	Pipe (air cleaner to carburettor)		52/57/4		1	–	–
	E1ADN –18229-C	Pipe (air cleaner to carburettor)		4/57/58/8		1	–	–
	E1ADN –18229-D	Pipe (air cleaner to carburettor)		8/58/		1	–	–
	E1ADKN–18229-B	Pipe (air cleaner to inlet manifold)		52/57/4		–	1	–
	E1ADKN–18229-B	Pipe (air cleaner to carburettor)		52/57/4		–	–	1
	E27N –18232	Hose (air cleaner to carburettor pipe)	5	52/57/4		2	–	2
	E27N –18232	Hose (air cleaner to inlet manifold pipe)–rear	5	52/57/4		–	1	–
	E1ADDN–18233-A	Hose (air cleaner to inlet manifold pipe)–front	75	52/57/4		–	1	–
	E1ADDN–18233-B	Hose (air cleaner to inlet manifold pipe)–front	5	4/57/58/8		–	1	–
	E1ADDN–18233-C	Hose (air cleaner to inlet manifold pipe)	5	8/58/		–	1	–
	E62A-9628-A	Clamps (air cleaner to carburettor pipe) assy.		52/57/4		3	–	3
	E62A-9628-A	Clamps (air cleaner to manifold pipe) assy.		52/57/4		–	3	–
MC	E62A-9628-A	Clamp (air cleaner to carburettor pipe hose) assy.		4/57/		2	–	–
	E62A-9628-A	Clamps (air cleaner hose to cleaner) assy.		4/57/57/9		–	1	–
	E1ADDN–9628-A	Clamps (air cleaner to manifold pipe) assy.		4/57/57/9		–	1	–
	E1ADDN–9628-B	Clamp (front hose) assy.	2	52/57/4		–	1	–
MC	E1ADDN–9628-C	Clamps (air cleaner to inlet manifold)		11/59/		–	1	–
	E1ADDN–9653	Clamp (air cleaner hose to air cleaner) assy.		9/57/		–	1	–
	11A-8187	Clamp (hose to carburettor)		52/		1	–	1
	27161-S7/8	Screw		52/		1	1	1
	34141-S7/8	Nut		52/		1	1	1
	E1ADKN–18242-A	Plug (air cleaner inlet)	5	52/	Rubber	1	1	1
MC	E1ADDN–18243	Bath (air cleaner oil) assy.		4/61/	Burgess design	1	1	–
MC	E1ADKN–18243-A	Bath (air cleaner oil) assy.	2	52/	A.C. design	1	1	1
	E1ADKN–18243-B	Bath (air cleaner oil) assy.		52/55/1	Burgess design	1	1	1
	E1ADKN–18243-C	Bath (air cleaner oil) assy.		1/55/58/8	Burgess design	1	1	1
MC	E1ADDN–18246	Clamps (air cleaner oil bath) assy.		4/61/	Burgess design	1	1	–
MC	E1ADKN–18246-A	Clamp (air cleaner oil bath) assy	2	52/	A.C. design	1	1	1
	E1ADKN–18246-B	Clamp (air cleaner oil bath) assy.		52/58/8	Burgess design	1	1	1
MC	E242-CL-9	Element (air cleaner removable)		1/55/	A.C. design	1	1	1
MC	E243-CL-9	Seal (air cleaner removable element)		1/55/	A.C. design	1	1	1
	E241-CL-9	Element (air cleaner removable)		1/55/58/8	Burgess desing	1	1	1
MC	E501-CL-9	Element (air cleaner)–removable		4/61/	Burgess design	1	1	–

ENGINE OIL FILTER

	E1ADDN–6714-A	Filter (engine oil) assy.	2	52/		1	1	1
	E1ADDN–6714-A	Filter (engine oil) assy.	2	52/	Replaces E19-CF-9	1	1	1
JB	□E1ADDN–18631	Retainer (fuel oil filter element)		1/60/		–	1	–
	‡E1ADKN–18631-A	Retainer (engine oil filter element)–lower		52/55/6		1	1	1
	‡E1ADKN–6898	Retainer (engine oil filter element)–upper		54/55/6		1	1	1
NA	‡E1ADKN–18631-B	Retainer (engine oil filter element)		6/55/		1	1	1
NA	‡E1ADDN–99169-B	Spring (engine oil filter element retaining)		1/59/		1	1	–
NA	□E1ADKN–18631-C	Retainer (fuel oil filter element)		1/56/	See "Fuel oil Filter"	–	1	–
NA	E1ADKN–18645	Gasket (engine oil filter to cylinder block)	20	52/	Repl. by 2701E-6838	1	1	1
	‡E1ADKN–18646-B	Spring (engine oil filter valve)		52/55/6		1	1	1
	⊕E1ADKN–18646-D	Spring (engine oil filter valve)		52/56/1		1	1	1
	‡E1ADKN–18646-E	Spring (engine oil filter valve)		6/55/		1	1	1
JB	⊕E1ADKN–18647-A	Spring (engine oil filter centre block)		52/56/1		1	1	1
	‡E1ADKN–18647-B	Spring (engine oil filter centre bolt)		52/55/6		1	1	1
	‡E38-CF-9	Spring (engine oil filter centre bolt)		6/55/		1	1	1
NA	□E40-CF-9	Spring (engine oil filter centre bolt)		1/56/		1	1	1
	⊕E1ADKN–18648	Bush (engine oil filter connection)		52/56/1		1	1	1

‡Used with A.C. type filter □Used with Tecalemit type filter ⊕Used with Fram type filter


NA
18645
34828-S
18688
6731
18689
18631
99169
6882
115783-ES
116087-ES
E83-CF-9
20430-ES
18689
18688
18689
18631
E36-CF-9
E35-CF-9
E40-CF-9
116098-ES
E66-CF-9
18689
6731
18650
6883
6741
ENGINE OIL FILTERS

ENGINE OIL FILTER—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	⊕119810-ES	Valve (engine oil filter ball)		52/		1	1	1
	‡E1ADKN–18649-C	Valve (engine oil filter)		52/		1	1	1
	⊕E1ADKN–18650-A	Circlip (engine oil filter centre bolt bush)		52/56/1		1	1	1
JB	°E1ADKN–18650-A	Circlip (fuel oil filter centre bolt)		53/56/1	U. K. only	–	1	–
NA	□E1ADKN–18650-B	Circlip (engine oil filter centre bolt)		1/56/		1	1	1
JB	□E1ADKN–18650-B	Circlip (fuel oil filter centre bolt)		1/56/60/1	See "Fuel Oil Filter"	–	1	–
	‡E1ADKN–18657-B	Plug (engine oil filter valve retaining)		52/56/6		1	1	1
	‡119758-ES	Plug (engine oil filter valve retaining)		6/55/		1	1	1
	‡118346-ES	Washer (engine oil filter valve plug)		6/55/		1	1	1
NA	20430-ESA	Screw (filter to cylinder block)		52/		2	2	2
NA	34828-S7	Lockwasher		52/		2	2	2
NA		Head (engine oil filter) assy (Not serviced)		1/56/	Use DDN-6714-A Assy	1	1	–
	‡E39-CF-9	Head (engine oil filter) and relief valve assy.		6/55/		1	1	1
NA	‡E83-CF-9	Head (engine oil filter) and relief valve assy.		12/58/		1	1	–
NA	‡115783-ES	Bolt (oil filter relief valve)		12/58/		1	1	–
NA	‡116087-ES	Washer		12/58/		1	1	–
NA	⊕E1ADKN–6731	Kit (engine oil filter)	100	52/56/1		1	1	1
	‡E1ADKN–18662-B	Kit (engine oil filter) assy.	100	52/58/12		1	1	1
	□E1ADKN–18662-B	Kit (engine oil filter) assy.	100	1/56/58/12		1	1	1
NA	957E-6731-A	Kit (engine oil filter) assy.	100	12/58/		1	1	–
NA	□E1ADKN–6882	Shell (engine oil filter) assy.		1/56/		1	1	1
NA	‡E1ADDN–6882	Shell (engine oil filter) assy.		12/58/		1	1	–
NA	‡E1ADKN–6883-B	Shell (engine oil filter)		6/55/		1	1	1
NA	‡957E –6883	Shell (engine oil filter)		12/58/		1	1	–
NA	□E1ADDN–6883	Shell (engine oil filter)		12/58/		1	1	–
	⊕E44-CL-9	Grommet (engine oil filter)		52/56/1		1	1	1
	⊕E1ADKN–18675-A	Gasket (engine oil filter centre bolt)		52/56/1		1	1	1
JB	*E1ADKN –18675-A	Gasket (fuel oil filter centre bolt)		52/56/1		–	1	–
	□E1ADKN–18675-B	Gasket (engine oil filter centre bolt)	2	1/56/		1	1	1
	□E1ADKN–18675-B	Gasket (fuel oil filter centre bolt)	2	1/56/	See "Fuel Oil Filter"	–	1	–
	‡E0TA –6749-B	Gasket (engine oil filter centre bolt)		52/54		1	1	1
	‡E0TA –6749-D	Gasket (engine oil filter centre bolt)		54/55/6		1	1	1
	‡100E-6749-A	Gasket (engine oil filter centre bolt)		6/55/		1	1	1
NA	□E35-CF-9	Washer (engine oil filter centre bolt seal)		1/56/		1	1	1
NA	□E36-CF-9	Seal (engine oil filter centre bolt)		1/56/		1	1	1
NA	E1ADKN–18688-A	Gasket (engine oil filter cover)	5	52/56/1		1	1	1
NA	E1ADKN–18688-B	Gasket (engine oil filter cover)	15	52/		1	1	1
JB	E1ADKN–18688-B	Gasket (fuel oil filter head)	15	52/59/1	See "Fuel Oil Filter"	–	1	–
JB	E1ADKN –18688-B	Gasket (fuel oil filter head)		1/56/		–	1	–
	E1ADDN–18688-A	Gasket (fuel oil filter head)		52/	See "Fuel Oil Filter"	–	1	–
	E1ADDN –18688-B	Gasket (fuel oil filter head)		2/63/	Part of E1ADDN-9155-C	–	1	–
	‡E1ADKN–18689-A	Gasket (engine oil filter element)	2	52/55/6		2	2	2
JB	‡E1ADKN –18689-A	Gasket (fuel oil filter element)	2	52/59/2	See "Fuel Oil Filter"	–	2	–
NA	‡E1ADKN–18689-B	Gasket (engine oil filter element)	2	6/55/		2	2	2
JB	E1ADKN –18689-B	Gasket (fuel oil filter element)	2	2/59/		–	1	–
JB	□E1ADKN –18689-C	Gasket (fuel oil filter element)		1/60/		–	2	–
	□E1ADKN–18689-C	Gasket (fuel oil filter element)	2	1/56/60/1	See "Fuel Oil Filter"	–	1	–
	⊕E1ADKN–18691-A	Bolt (engine oil filter centre)		52/56/1		1	1	1
	‡E1ADKN–18691-B	Bolt (engine oil filter centre)		52/54		1	1	1
	□E1ADKN–18691-C	Bolt (engine oil filter centre)		1/56/		1	1	1
	‡E1ADKN-6741-A	Bolt (engine oil filter centre)		54/55/6		1	1	1
NA	‡E1ADKN-6741-B	Bolt (engine oil filter centre)		6/55/		1	1	1
NA	□E1ADDN-6741-B	Bolt (engine oil filter centre) assy.		12/58/		1	1	–
NA	□116098-ES	Washer (engine oil filter centre bolt sealing)		12/58/		1	1	–

‡Used with A.C. type filter ⊕Used with Fram type filter □Used with Tecalemit type filter

GOVERNOR AND CONTROL LINKAGE

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADKN-18204	Governor assy.		52/		1	–	1
NB	N –19064	Extension (throttle manual control rod) assy.		52/57/4	See "Throttle Control"	–	1	–
	E1ADDN–19066	Rod (throttle operating rod)		8/58/		–	1	–
NB	E1ADKN–19079	Pin (governor control lever retaining)		52/		1	–	1
NB	33796-S7/8	Nut		52/		1	–	1
NB	34805-S7	Lockwasher		52/		1	–	1
NB	44719-S8	Washer		52/		1	–	1
NB	E1ADKN–19084-B	Felt (governor control spring lever shaft)		52/		1	–	1
NB	E1ADKN–19098	Sleeve (governor control rod) and extension assy.		52/58/8		1	–	1
NB	E1ADKN–19098	Sleeve (governor control rod) and extension assy.		8/58/		1	–	–
NB	E1ADKN–19156	Cover (governor control housing)		52/		1	–	1
NB	20308-S7/8	Screw (cover to housing)		52/		4	–	4
NB	34825-S7/8	Lockwasher		52/		4	–	4
NB	E1ADKN–19157	Gasket (governor control housing cover)		52/		1	–	1
NB	20428-S2	Screw (housing to cylinder block)		52/		2	–	2
NB	34827-S7	Lockwasher		52/		2	–	2
NB	E1ADKN–19160-B	Body (governor)		52/		1	–	1
NB	20366-S8	Screw (body to control housing)		52/		4	–	4
NB	34826-S7	Lockwasher		52/		4	–	4
MA	N –19162	Bush (speedometer adaptor bracket)	5	52/	See "Speedometer"	1	1	1
NB	E1ADKN–19162	Bush (governor operating shaft)		52/		2	–	2
NB	E1ADKN–19167	Seal (governor body)	10	52/		1	–	1
NB	E1ADKN–19168	Gasket (governor body)	10	52/		1	–	1
NB	E1ADKN–19189-B	Spindle (governor relay)		52/	Located in cylinder block	1	–	–
NB	E1ADKN–19189-B	Spindle (governor relay)		52	Located in cylinder block	–	–	1
	EIADKN–18189	Spindle (governor relay)		52/57/4	Located in cylinder block	–	–	1
NB	EIADN –19190	Rod (governor throttle control) assy.		52/		1	–	–
	EIADKN–19190-B	Rod (governor throttle control) assy.		52/57/4		–	–	1
JK	EIADN –19198	Rod (governor manual control) and extension assy.		8/58/		1	–	–
	E1ADDN–19199-C	Rod (throttle manual control)		4/57/58/8	Also use (1) 97011-S8	–	1	–
	97011-S8	Clevis		4/57/58/8		–	1	–
JK	EIADDN–19198-D	Rod (throttle operating control) assy.		8/58/62/4	Except with EIADDN-993101-D	–	1	–
	EIADDN–19198-E	Rod (throttle operating control) assy.		3/60/62/4	Use with EIADDN-993101-D	–	1	–
NB	EIADDN–19198-F	Rod (throttle operating control) assy.		4/62/		–	1	–
	E1ADDN–19199	Rod (throttle manual control) and extension assy.		7/54/57/4	Replaces E1ADDN-19198-B	–	1	–
	E299-JB-9	Rod (throttle control) and sleeve assy.		4/62/		–	1	–
	EIADDN-19066	Rod (throttle operating rod)		8/58/		–	1	–
	33921-S2	Nut (throttle operating control rod)		8/58/		–	1	–
NB	EIADN –19198	Rod (governor manual control) and extension assy.		8/58/		1	–	–
	EIADKN –19198	Rod (governor manual control) and extension assy.		52/58/8		1	–	1
	33796-S7/8	Nut (extension lock)		52/		1	–	1
NB	34441-ES7/8	Nut (connecting block retaining)		52/		1	–	1
	73877-S7/8	Clevis pin (rod to control lever)		52/		1	–	1
NB	72003-S	Split pin		52/		1	–	1

GOVERNOR AND CONTROL LINKAGE — *continued*

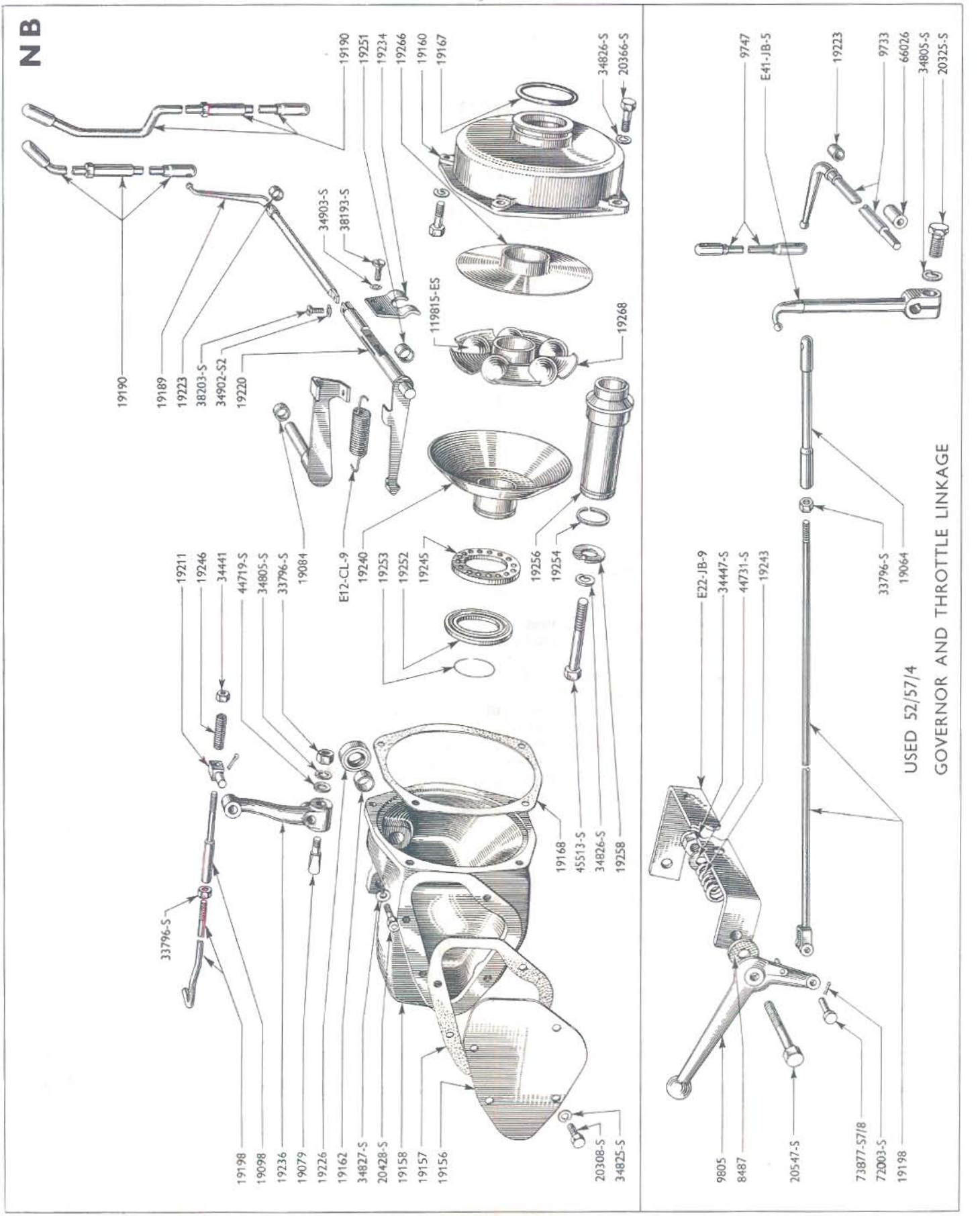
Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	EIADKN–19206	Bracket (governor manual control lever mounting) assy.		52/		1	–	1
	20348-S2	Screw (bracket to primary gear change housing)		52/		2	–	2
	34807-S7	Lockwasher		52/58/8		2	–	2
NB	EIADKN–19211	Block (governor manual control rod connecting)		52/		1	–	1
NB	EIADKN–19211	Block (governor manual control rod connecting)		8/58/		1	–	–
	EIADKN–19212	Grommet (throttle manual control rod)	2	52/57/4	See "Throttle Control"	–	1	–
	EIADKN–19212	Grommet (governor manual control rod)	2	52/		1	–	1
NB	†EIADKN–19220-B	Shaft (governor operating) and lever assy.		52/		1	–	1
NB	38203-S2	Screw (shaft to relay spindle)		52/		1	–	1
NB	34902-S7/8	Washer (shakeproof)		52/57/4		1	–	1
NB	EIADKN–19223	Bush (governor relay spindle)	2	52/57/4	Located in cylinder block	1	1	1
NB	EIADKN–19226	Seal (governor operating shaft)		52/		1	–	1
	*EIADN-9805-D	Lever (governor manual control) and pin assy.		52/58/8		1	–	1
	*72396-S	Pin (control lever)		52/58/8		1	–	1
	▲EIADKN-9805-D	Lever (governor manual control) and pin assy.		52/58/8		–	–	1
	▲E6-CL-9	Pin (control lever)		52/58/8		–	–	1
	20555-S	Bolt (lever to mounting bracket)		52/54/		1	1	1
	20547-S4	Bolt (lever to mounting bracket)		54/		1	1	1
NB	34447-ES	Lock nut		52/		1	1	1
NB	44731-S2	Washer		52/		1	1	1
	EIADKN-8487-A	Pad (control lever friction)		52/54/		1	1	1
	EIADKN-8487-B	Pad (control lever friction)		54/		1	1	1
NB	§EIADKN–19234-B	Fork (governor operating)		52/		1	–	1
	25231-S8	Screw (fork to shaft)		52/		2	–	2
NB	38193-S7	Screw (fork to shaft)		52/		2	–	2
NB	34903-S7	Lockwasher		52/		2	–	2
NB	EIADKN–19236-B	Lever (governor control)		52/		1	–	1
NB	EIADKN–19240	Plate (governor thrust) – tapered	2	52/		1	–	1
	EIADKN–19243	Spring (governor manual control lever)		52/		1	–	1
NB	EIADKN–19243	Spring (throttle manual control lever)		52/58/8	See "Throttle Control"	–	1	–
	EIADKN–19243	Spring (radiator shutter control lever)		52/57/3	See "Cooling System"	1	1	1
JK	EIADKN–19243	Spring (throttle friction pad lever)		8/58/		1	1	–
NB	EIADKN–19245-A	Bearing (governor operating fork thrust)		52/		1	–	1
NB	EIADKN–19246	Spring (governor manual control rod)		52/58/8		1	–	1
NB	EIADKN–19246	Spring (governor manual control rod)		8/58/		1	–	–
NB	E12-CL-9	Spring (governor control lever return)		52/		1	–	1
NB	EIADKN–19251	Spacer (governor operating shaft)		52/57/4		1	–	1
NB	EIADKN–19252	Sleeve (governor thrust bearing sliding)		52/		1	–	1
NB	EIADKN–19253	Retainer (governor thrust bearing sliding sleeve)	2	52/		1	–	1
NB	EIADKN–19254	Ring (governor stop)	3	52/		1	–	1
NB	EIADKN–19256	Shaft (governor driving)	2	52/		1	–	1
	74175-S	Key (driving shaft)		52/		1	–	1
NB	EIADKN–19258	Washer (governor driving shaft end)		52/		1	–	1
NB	45513-S	Screw (washer and driving shaft retaining)		52/		1	–	1
NB	34826-S7	Lockwasher		52/		1	–	1
NB	EIADKN–19266	Race (governor ball) – flat	2	52/		1	–	1
NB	EIADKN–19268	Driver (governor ball)	5	52/		1	–	1
NB	119815-ES	Ball (governor)	5	52/		5	–	5

†When replacing earlier type shaft fitted in production up to November 1952, order also (1) EIADKN-19234-B, (1) EIADKN-19251, (2) 38193-S7 and (2) 34903-S7

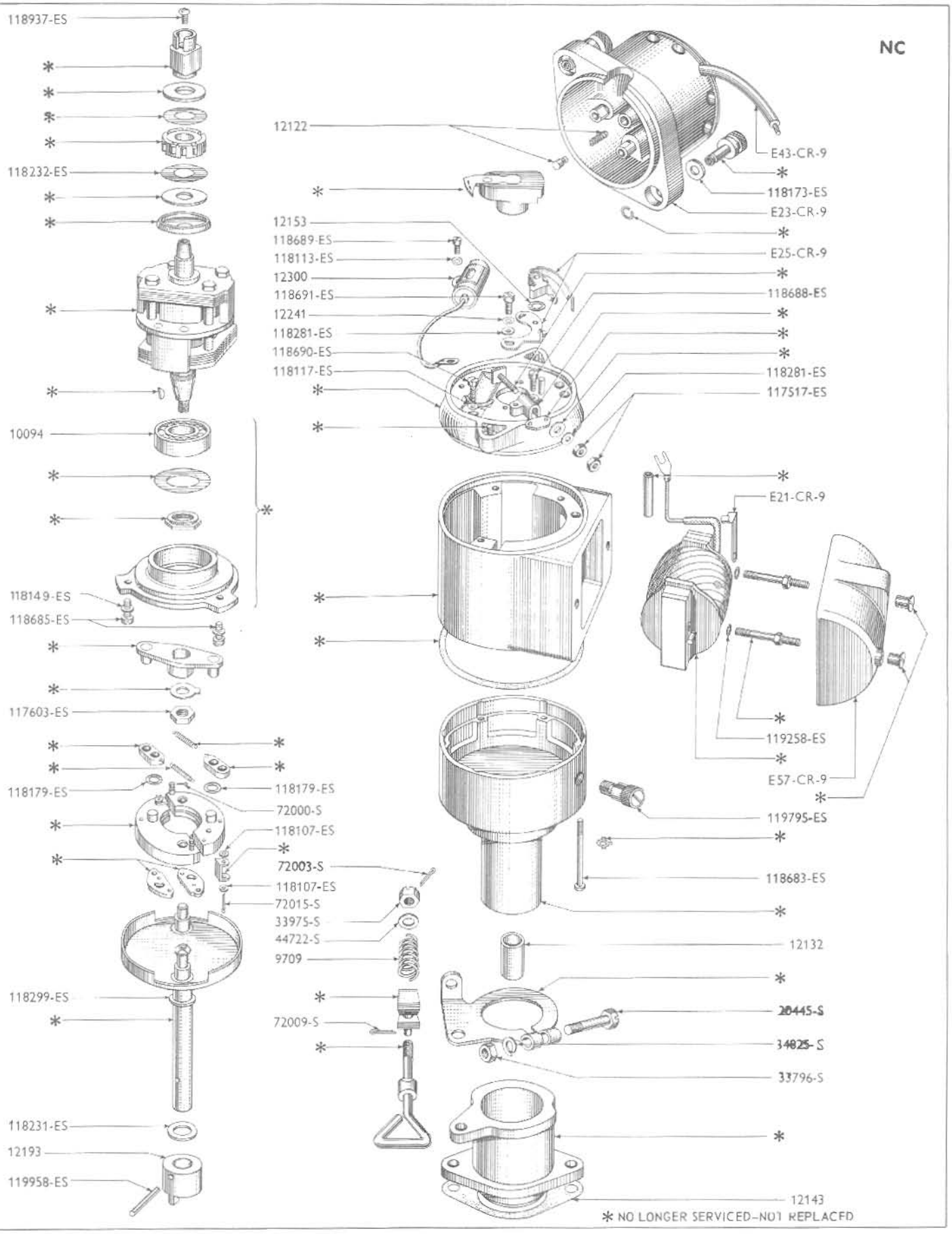
§When replacing earlier type fork fitted in production up to November 1952, order also (1) EIADKN-19220-B, (1) EIADKN-19251, (2) 38193-S7 (2) 34903-S7

*Vap. Oil Export, and except Export with raised P.T.O.

▲Vap. Oil except Export less raised P.T.O.


N B
19190
19189
19223
38203-S
34902-S2
19220
34903-S
38193-S
19190
19251
19234
19266
19160
19167
34826-S
20366-S
119815-ES
19268
E12-CL-9
19240
19253
19252
19245
19256
19254
19084
19211
19246
34441
44719-S
34805-S
33796-S
33796-S
19198
19098
19236
19079
19226
19162
34827-S
20428-S
19158
19157
19156
19168
45513-S
34826-S
19258
20308-S
34825-S
9747
E41-JB-5
19223
9733
66026
34805-S
20325-S
E22-JB-9
34447-S
44731-S
19243
33796-S
19064
9805
8487
20547-S
73877-5718
72003-S
19198
USED 52/57/4
GOVERNOR AND THROTTLE LINKAGE

NC



* NO LONGER SERVICED–NOT REPLACED

MAGNETO

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
	EIADKN–19503	Magneto and driving collar assy.		53/		1 – 1
NC	20445-S	Bolt (plate clamping)		53/		1 – 1
NC	33796-S7/8	Nut		53/		1 – 1
NC	34825-S7/8	Lockwasher		53/		1 – 1
NC	N-9709-A	Spring (magneto retarding handle)		53/		1 – 1
NC	33795-S7	Nut		53/		1 – 1
NC	44722-S7	Washer		53/		1 – 1
NC	72003-S7/8	Split pin		53/		1 – 1
NC	72009-S	Split pin (block to housing)		53/		1 – 1
NC	EIADKN-12143	Gasket (magneto adaptor housing to cylinder block)		53/		1 – 1
NC	E23-CR-9	Cap (magneto) assy.		53/		1 – 1
NC	118173-ES7/8	Washer (magneto cap securing screw)		53/		2 – 2
NC	E62A-12122	Brush (magneto cap carbon) and spring assy.		53/		1 – 1
NC	EOTTA-12300-B	Condenser (magneto) assy.	2	53/		1 – 1
NC	118689-ES7/8	Screw (condenser fixing)		53/		1 – 1
NC	118113-ES7/8	Washer		53/		1 – 1
NC	118688-ES7/8	Screw (magneto terminal screw insulating bush)		53/		2 – 2
NC	117517-ES	Nut		53/		2 – 2
	119258-ES7	Washer		53/58/9	Brass	1 – 1
NC	118281-ES7/8	Washer		9/58/		1 – –
NC	E25-CR-9	Contact set (magneto) assy		53/		1 – 1
NC	E62A-12153	Washer (magneto contact breaker insulating)		53/	Fibre	1 – 1
NC	118691-ES10	Screw (magneto contact bracket to breaker base)		53/		2 – 2
NC	YE-12241-B	Washer (spring)		53/		2 – 2
	119258-ES	Washer (flat)		53/58/9		2 – 2
NC	118281-ES7/8	Washer		9/58/		2 – –
NC	118690-ES7/8	Screw (magneto contact breaker base fixing)		53/		3 – 3
NC	118117-ES7/8	Washer (shakeproof)		53/		3 – 3
NC	118937-ES7/8	Screw (magneto contact breaker cam securing)		53/		1 – 1
NC	118232-ES7/8	Washer (magneto roller bearing spacer)		53/	Steel	1 – 1

MAGNETO — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
NC	YE-10094	Bearing (magneto ball) assy.	2	53/		1 – 1
NC	118685-ES7	Screw (magneto ball bearing housing to body fixing)		53/		3 – 3
NC	118149-ES	Washer		53/		3 – 3
NC	119258-ES	Washer		53/		3 – 3
	E18-CR-9	Cover (magneto coil) assy.		53/		1 – 1
NC	E57-CR-9	Cover (magneto coil) assy.		52/		1 – 1
	E493A-18841	Suppressor (magneto H.T.)		53/	Except Export	1 – 1
NC	117603-ES	Nut (foot to shaft)		53/		1 – 1
NC	118107-ES7/8	Washer (magneto auto advance weight felt retaining)		53/		4 – 4
NC	72015-S7/8	Split pin (magneto auto advance weight felt retaining)		53/		2 – 2
NC	72000-S	Split pin (magneto auto advance spring retaining)		53/		2 – 2
NC	118179-ES	Washer (magneto auto advance weight to toggle)		53/	Brass	2 – 2
NC	118299-ES	Washer (magneto drive shaft and plate spacing)		53/	Fibre	1 – 1
NC	118231-ES	Washer (magneto drive shaft collar thrust)		53/	Fibre	1 – 1
NC	YE-12132	Bush (magneto base)	2	53/		2 – 2
NC	118683-ES7/8	Screw (magneto base to body fixing)		53/		6 – 6
NC	119795-ES7/8	Lubricator (magneto) assy.		53/		1 – 1
NC	EIADKN-12193-B	Collar (magneto drive shaft)		53/		1 – 1
NC	119958-ES	Pin (collar retaining)		53/		1 – 1

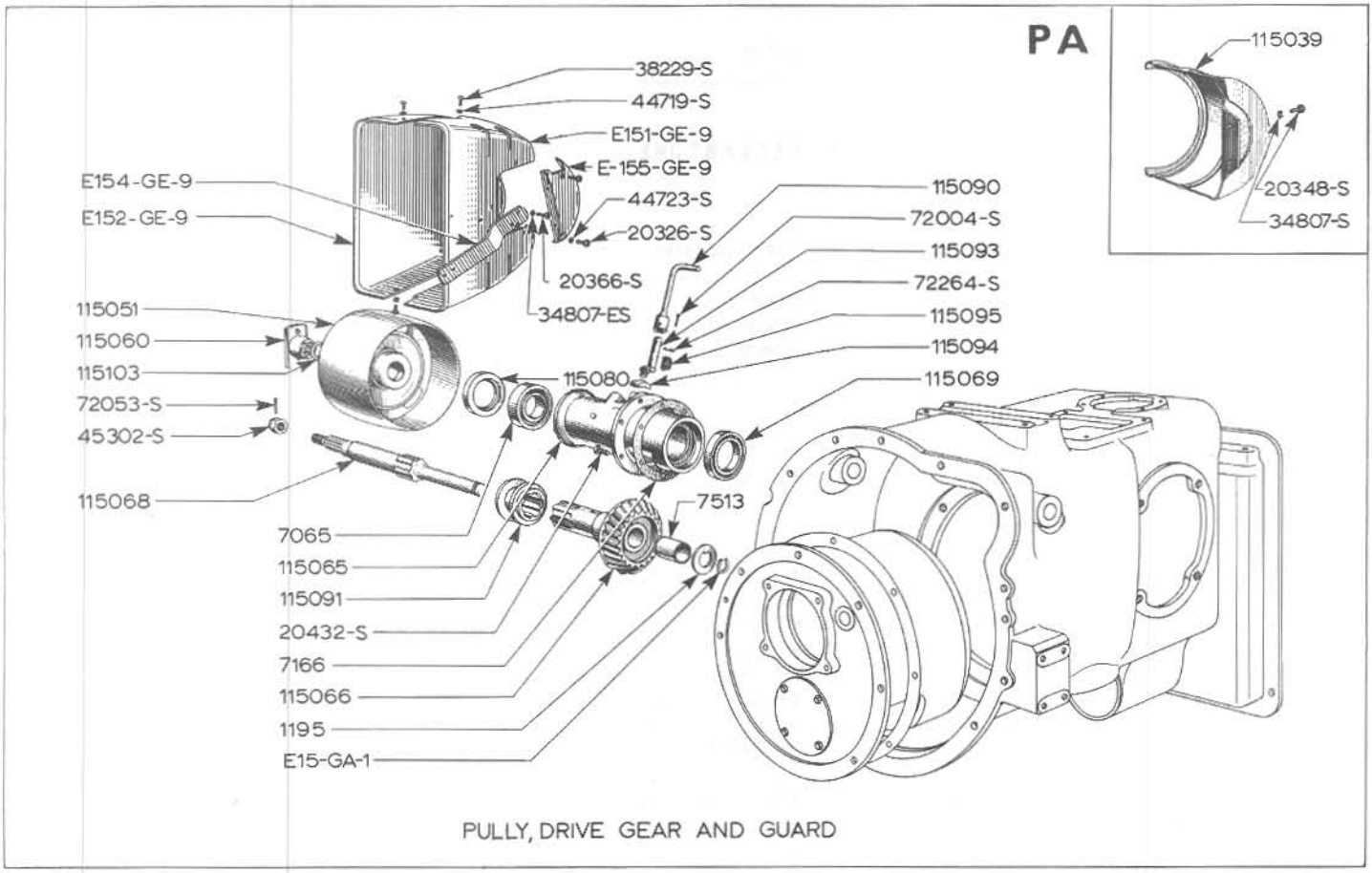
MISCELLANEOUS

Illus. No.		Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
ED	N	–20609-A	Screw (auto-hitch bracket to rear trans. housing)		52/60/1		4	4	4
	N	–20912	Screw (carburettor to manifold)		52/57/4		1	1	1
	N	–20960-A	Screw (drawbar bracket to rear trans. housing)	5	52/		4	4	4
GB	N	-21200	Screw (main gearbox large gear bearing)		52/	See "Gearbox"	1	1	1
CC	N	–21330-C	Screw (adaptor to axle housing)		52/		4	4	–
EC	N	–21943	Nut (auto coupler hook latch)		52/		2	2	–
	N	–22420	Washer (steering shaft thrust)		52/		1	1	1
	N	22426	Washer (trunnion)	5	52/60/12	U.S. use 143574	2	2	2
	N	22426	Washer (starter crank coupling)	5	52/	U.S. use 143574	2	2	2
AH	Y	–24452	Plug (H.P.L. pump pedestal drain)		52/58		1	1	1
DB	E1ADKN	–33557	Washer (steering gear housing oil plug)		52/	See "Steering Gear"	1	1	1
DB	E1ADKN	–33581-A	Shim (steering gear housing cover plate)	5	52/	See "Steering Gear"	As reqd.		
	E1ADKN	–36120	Spring (seat) assy.		52/60/11		1	1	1
	E27N	–36150-A	Seat assy.		52/60/11		1	1	1
	E27N	–36196-A	Clamp (seat spring)		52/60/11		1	1	1
	CE	–46122-E	Key (isolation switch)	2	52/		–	1	–
	CE	–46122-E	Key (ignition and lighting switch)	2	52/58/8		1	–	1
	E1ADKN	–55265	Pipe (silencer tail)	2	52/		1	1	1
	E1ADKN	–66016-B	Cover (tachometer drive aperture)		53/		1	1	1
	E1ADKN	–66017-A	Washer (tachometer drive housing plug)		52/53		1	1	1
	E1ADKN	–66017-B	Gasket (tachometer drive aperture cover)	2	53/8-63		1	1	1
GA	E1ADDN	–66017	Gasket (Tachometer Drive aperture cover)		8/63/		1	1	1
NB	E1ADDN	–66026	Bush (throttle control relay spindle)		52/57/4		–	1	–
	E1ADKN	–66513	Bolt (valve push rod cover and pipe clip)		52/	Use less Exhauster	2	2	2
	E1ADKN	–66513	Bolt (valve push rod cover and pipe clip)		54/	Use with Exhauster	–	1	–
	E1ADKN	–6607-B	Shaft (engine auxiliary drive) and gear assy.	15	52/61/2		1	1	1
	E1ADDN	–66610-A	Seal (engine auxiliary drive shaft)	40	52/		–	1	–
	E1ADDN	–66611	Ring (engine auxiliary drive shaft seal)	5	52/62/4		–	1	–
	E1ADN	–66612	Cover (engine auxiliary drive shaft end)		52/	Use less governor	1	–	1
	E1ADKN	–66618-A	Bearing (engine auxiliary drive shaft) assy. – front	10	52/61/4		1	1	1
	E1ADKN	–66620-A	Bearing (engine auxiliary drive shaft) assy. – rear	10	52/		1	1	1
	E1ADN	–66753	Clip (fuel and vacuum pipes to cylinder head)		52/		1	–	–
	E1ADKN	–66753-B	Clip (fuel and vacuum pipes to cylinder head)		52/57/4		–	–	1
GA	E1ADKN	–77011	Gasket (primary gearbox housing)	20	52/		1	1	1
GA	E1ADKN	–77012	Cap (primary gearbox housing)		52/		1	1	1
GC	E1ADKN	–77012	Cap (P.T.O. housing)		52/		1	1	1
GA	E1ADKN	–77013	Gasket (primary gearbox housing cap)	15	52/		1	1	1
GC	E1ADKN	–77013	Gasket (P.T.O. housing cap)	15	52/		1	1	1
GB/GD	E1ADKN	–77014	Ring (transmission drive shaft bearing lock) – large		52/		1	1	1
GB/GD	E1ADKN	–77015	Plate (main gearbox lower shaft bearing retainer)		52/		1	1	1
GB/GD	E1ADKN	–77021	Plate (primary gearbox upper shaft bearing retainer)		52/		1	1	1
GB	E1ADKN	–77025	Lock nut (primary gearbox upper shaft bevel gear)	2	52/		1	1	1
GB	E1ADKN	–77026	Washer (primary gearbox upper shaft bevel gear lock nut)	3	52/		1	1	1
	E1ADKN	–77101	Housing (primary gear change lever)		52/58/8		1	1	1
GA	E1ADDN	–77101	Housing (primary gear change lever)		8/58/		1	1	–
GB/GD	E1ADKN	–77102-B	Gear (primary gearbox lower shaft)		52/		1	1	–
GA/GC	E1ADKN	–77103-B	Gear (main gearbox lower shaft)		52/		1	1	–
GB	E1ADKN	–77104	Ring (main gearbox lower shaft gear lock)		52/		1	1	1
GB	E1ADKN	–77105	Dog (primary gearbox upper shaft)		52/		1	1	1
GB	E1ADKN	–77105	Dog (primary gearbox lower shaft)		52/		1	1	1
GB	E1ADKN	–77106	Fork (primary gear change)		52/		1	1	1
GB	E1ADKN	–77107	Shaft (primary gear change) – lower		52/		1	1	1
GB	E1ADKN	–77108	Shaft (primary gear change) – upper		52/		1	1	1
GB	E1ADKN	–77109	Connector (primary gear change shaft)		52/		1	1	1
GA	E1ADKN	–77110	Gasket (primary gear change lever housing)	15	52/		1	1	1
GB	E1ADKN	–77112-A	Shaft (primary gearbox) – lower		52/63/6		1	1	1
	E1ADKN	–77112-B	Shaft (primary gearbox) lower		6/63/	Except L.P.T.O.	1	1	–

MISCELLANEOUS—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADKN–77112-C	Shaft (primary gearbox) lower		6/63/	With L.P.T.O.	1	1	–
GB/GD	E1ADKN–77114	Ring (primary gearbox lower shaft gear lock)		52/		1	1	1
	E1ADKN–77121-B	Lever (primary gear change)		52/54/11		1	1	1
	E1ADKN–77123-A	Lever (primary gear change relay)		52/54/11		1	1	1
	E1ADKN–77266	Cover (P.T.O. housing auxiliary drive)		52/53		1	1	1
	E1ADKN–77267	Gasket (P.T.O. housing auxiliary drive cover)		52/53		1	1	1
GA	E1ADKN–77596	Spacer (cover to flywheel)	5	52/		3	3	3
	E1ADDN–77641	Disc (live P.T.O. clutch) assy.		6/63/	Part of E1ADDN-7502	1	1	–
HA	E1ADKN–88210	Stud (radiator grille clip)		52/		2	2	2
HA	E1ADKN–88211	Knob (radiator grille clip)		52/		2	2	2
	E1ADKN–88490	Support (radiator shutter control rod)		52/57/3		1	1	1
	E1ADKN–88490	Support (carburettor drain tube)		52/57/4		–	–	1
JB	○E1ADDN–99157-C	Head (fuel oil filter)		2/59/	With 3 bolts	–	1	–
	E1ADDN–99157-D	Head (fuel oil filter)		2/63/	Part of E1ADDN-9155-C	–	1	–
JB	†E1ADDN–99158-A	Screw (fuel oil filter air bleed)		52/54		–	2	–
JB	†E1ADDN–99158-A	Screw (fuel oil filter shell)		52/54		–	1	–
JB	○E1ADDN–99158-C	Screw (fuel oil filter air bleed)	3	52/		–	2	–
JB	□E1ADDN–99158-D	Screw (fuel oil filter air bleed)		1/56/		–	2	–
JB	†E1ADDN–99159-A	Gasket (fuel oil filter air bleed screw)		52/54		–	2	–
JB	†E1ADDN–99159-A	Gasket (fuel oil filter shell screw)		52/54		–	1	–
JB	○E1ADDN–99159-C	Gasket (fuel oil filter air bleed)	3	52/		–	2	–
JB	□E1ADDN–99159-D	Gasket (fuel oil filter air bleed screw)	3	1/56/60/1		–	2	–
	†E1ADDN–99160-A	Gasket (fuel oil filter head)	3	52/54		–	1	–
	†E1ADDN–99161-A	Gasket (fuel oil filter element)		52/54		–	1	–
	○E1ADDN–99162-B	Kit (fuel oil filter) assy.	100	52/		–	1	–
JB	□E1ADDN–99162-B	Kit (fuel oil filter) assy.	100	1/56/		–	1	–
	E1ADDN–99162-C	Kit (fuel oil filter element)		2/63/	Part of E1ADDN–9155-C	–	1	–
	†E1ADDN–99163-A	Shell (fuel oil filter) and centre spindle assy.		52/54		–	1	–
JB	†E1ADDN–99165-A	Retainer (fuel oil filter centre spindle seal)		52/54		–	1	–
JB	○E1ADDN–99165-B	Retainer (fuel oil filter element bottom gasket)		52/59/2		–	1	–
JB	†E1ADDN–99166-A	Seal (fuel oil filter centre spindle)		52/54	Rubber	–	1	–
JB	†E1ADDN–99168-A	Washer (fuel oil filter centre bolt) – steel		52/54		–	1	–
JB	○E1ADDN–99168-B	Gasket (fuel oil filter centre bolt)		52/54		–	1	–
JB	†E1ADDN–99169-A	Spring (fuel oil filter element retaining)		52/54		–	1	–
	†E1ADDN–99173	Seal (fuel oil filter centre bolt to filter head)		52/54		–	1	–
	E1ADKN–99189-B	Pipe (fuel pump to fuel control tap) assy.		52/57/4		–	–	1
	E1ADDN–99193-A	Pipe (fuel return)		52		–	1	–
	E1ADDN–99193-B	Pipe (fuel return)		52/53		–	1	–
JC	EOTA –99399-B	Seal (fuel pump pull rod oil)	10	9/55/		1	1	1
JC	EOTA –99401	Retainer (fuel pump pull rod oil seal)	3	9/55/		1	1	1
JD	E1ADDN–99571	Cap (throttle plate spindle dust)		52/62/4		–	1	–
	EOTA –99584-A	Screw (carburettor choke control wire to lever swivel)		52/		1	–	1
	E1ADKN–99592	Carburettor (starter) assy.		52		–	–	1
JE	E1ADKN–99593	Body (starter carburettor) assy.		52		–	–	1
JE	E1ADKN–99596	Valve (starter carburettor mixture) assy.		52		–	–	1
JE	E1ADKN–99598	Needle (starter carburettor) and seat assy.		52		–	–	1
JE	E1ADKN–99602	Screw (starter carburettor needle and seat fixing)		52		–	–	1
KA	E1ADDN–99785	Control (engine stop) assy.	15	52/58/4		–	1	–

○With A.C. type filter. □With Tecalmit type filter. †With Purolator type filter.



PULLY, DRIVE GEAR AND GUARD

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

PULLEY AND DRIVE GEAR

						P	D	V
	N –115038-B	Cover (pulley opening)	2	52/	Less Pulley	1	1	1
PA	N-7166-A	Gasket (pulley opening cover)	80	52/	Less Pulley	1	1	1
	20412-S2	Screw (cover to transmission housing)		52/	Less Pulley	6	6	6
PA	E1ADKN–115039	Guard (pulley) assy.		52/		1	1	1
PA	20348-S2	Screw (guard to pulley housing)		52/		2	2	2
PA	34807-S7	Lockwasher		52/		2	2	2
	E1ADKN–115050	Pulley and drive gear assy.		52/	Accessory	1	1	1
PA	E1ADKN–115051	Pulley		52/		1	1	1
PA	N –115060-A	Bush (pulley drive) – splined		52/		1	1	1
PA	45302-S	Nut (bush to drive shaft)		52/		1	1	1
PA	72053-S	Split pin		52/		1	1	1
PA	E1ADKN–115065	Housing (pulley drive gear)		52/		1	1	1
PA	N-7166-A	Gasket (housing to transmission housing)	80	52/		As reqd.		
PA	304726-S8	Screw (housing to transmission housing)		52/		6	6	6
	353026-ES7	Lubricator (pulley drive shaft)		52		1	1	1
PA	E1ADKN–115066	Gear (pulley drive) and bush assy.		52/		1	1	1
	957E–7513	Bush (pulley drive gear)		52/	Replaces N-3517-A	2	2	2

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

PULLEY AND DRIVE GEAR—*continued*

PA	E15-GA-1	Ring (pulley drive gear lock)		52/		1 1 1
PA	E1ADKN-1195	Washer (pulley drive gear thrust)	2	52/		1 1 1
PA	E1ADKN–115068	Shaft (pulley drive)	2	52/		1 1 1
GC	N –115069-A	Bearing (P.T.O. extension shaft) assy.		52/	Raised P.T.O.	1 1 1
PA	N –115069-B	Bearing (pulley drive gear) assy. – inner		52/		1 1 1
PA	N-7065-B	Bearing (pulley drive gear) assy. – outer	3	52/		1 1 1
PA	N –115080-B	Retainer (pulley drive grease) assy.	15	52/		1 1 1
PA	E1ADKN–115090	Handle (pulley drive gear shifter)		52/		1 1 1
PA	51-2639	Pin (handle to lever)		52/	Not serviced in U.S.	1 1 1
PA	72004-S	Split pin		52/		1 1 1
PA	N –115091-A	Shifter (pulley drive gear)		52/		1 1 1
PA	N –115093-A	Lever (pulley drive gear shifter)		52/		1 1 1
PA	72264-S7/8	Pin (shifter lever)		52/		1 1 1
PA	N –115094	Block (pulley drive gear shifter)		52/		1 1 1
PA	N –115095-A	Spring (pulley drive gear shifter lever)	2	52/		1 1 1
CF/GB	N –115095-A	Spring (brake shaft return)	2	52/		1 1 1
	N –115096	Ring (pulley drive gear shifter lock)		52/58/1		1 1 1
PA	E1ADKN–115103	Gasket (pulley splined bush)	2	52/		1 1 1
	E728-T-9	Kit (pulley guard)		52/	Domestic–Export when requested	1 1 1
PA	E151-GE-9	Panel (belt drive pulley guard) – inner		52/		1 1 1
PA	E152-GE-9	Panel (belt drive pulley guard) – outer		52/		1 1 1
PA	38229-S7/8	Screw (outer to inner guard)		52/		4 4 4
	44719-S7/8	Washer		52/		4 4 4
PA	E154-GE-9	Bracket (belt drive pulley guard) – front		52/		1 1 1
PA	20366-S7/8	Bolt (front support bracket to inner guard)		52/		2 2 2
	33797-S7/8	Nut		52/		2 2 2
	34806-S7/8	Lockwasher		52/		2 2 2
PA	44723-S7/8	Washer		52/		4 4 4
PA	20390-S7/8	Bolt (front support bracket to cylinder block)		52/		2 2 2
PA	34808-S	Lockwasher		52/		2 2 2
PA	E155-GE-9	Bracket (belt drive pulley guard) – rear		52/		1 1 1
PA	20326-S7/8	Bolt (rear bracket to inner guard)		52/		2 2 2
PA	33797-S7/8	Nut		52/		2 2 2
PA	34806-S7/8	Lockwasher		52/		2 2 2
PA	44723-S7/8	Washer		52/		2 2 2
PA	20348-S2	Bolt (rear bracket to pulley housing)		52/		2 2 2
	34807-ES	Lockwasher		52/		2 2 2

MISCELLANEOUS

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AG	C5NN–A867-B	Eyebolt (H. P. L. check chain adjusting)		11/59/	Repl. E1ADDN-995187	2	2	–
JA	E1ADDN–993100-F	Pump (fuel injection) assy. – complete with governor		1/60/62/4		–	1	–
JA	E1ADDN–993100-G	Pump (fuel injection) assy. – complete with governor		4/57/62/4	1800 R.P.M. Industrial	–	1	–
JA	E1ADDN–993100-H	Pump (fuel injection) assy.–complete with mechanical governor		4/62/	Except with exhauster–1,600 r.p.m.	–	1	–
JA	E1ADDN–993100-J	Pump (fuel injection) assy.–complete with mechanical governor		4/62/	Except exhauster–1,800 r.p.m. engine	–	1	–
	E1ADDN–993101-D	Pump (fuel injection) assy. – complete with mechanical governor		3/60/62/4	"When requested"	–	1	–
JA	530E –993101-A	Pump (fuel injection) assy. – complete with governor		4/57/	Use with exhauster	–	1	–
JA	*592E –993101-C	Pump (fuel injector) assy.–complete		4/62/	1,800 r.p.m. engine. Max. speed stop and lever to be adjusted	–	1	–
JF	E1ADDN–993102	Case (injection pump governor) and pin assy.–rear		52/62/4		–	1	–
JF	♦592E –993102-B	Case (injection pump mechanical governor)–rear		3/60/62/4		–	1	–
JF	E1ADDN–993104	Capsule (injection pump governor air filter)	5	52/62/4		–	1	–
JF	†E1ADDN–993105-B	Cap (injection pump governor air filter)		53/62/4		–	1	–
	E1ADDN–993106-A	Link (injection pump governor)		52/54		–	1	–
JF	E1ADDN–993106-B	Link (injection pump governor)		54/62/4		–	1	–
	⊖E1ADDN–993108-B	Case (injection pump governor) – front		52/60/1		–	1	–
JF	E1ADDN–993108-C	Case (injection pump governor) – front		1/60/62/4		–	1	–
JG	♦592E –993108	Case (injection pump mechanical governor)–Front		3/60/62/4		–	1	–
	E1ADDN–993109	Guide (injection pump governor damping valve) assy.	5	52/57/4	Includes E1ADDN-99311	–	1	–
	510E –993109	Guide (injection pump governor damping valve) assy.	5	4/57/62/4	Includes 510E-993111	–	1	–
	E1ADDN–993111	Bush (injection pump governor damping valve guide)	5	52/57/4		–	1	–
JF	510E –993111	Bush (injection pump governor damping valve guide)		4/57/62/4		–	1	–
	#E1ADDN–993113-B	Valve (injection pump governor damping) assy.	10	52/57/4		–	1	–
	510E –993113	Valve (injection pump governor damping) assy.	10	4/57/60/1		–	1	–
JF	E1ADDN–993113-C	Valve (injection pump governor damping) assy.		4/57/62/4	Part of E197-Z-9	–	1	–
	♦E1ADDN–993113-C	Valve (injection pump governor damping) assy.		8/60/62/4		–	1	–
JF	E1ADDN–993114-B	Plate (injection pump governor diaphragm) – large		52/62/4		–	1	–
	•E1ADDN–993115-B	Diaphragm (injection pump governor)	25	52/62/4		–	1	–
JF	E1ADDN–993116	Plate (injection pump governor diaphragm) – small		52/62/4		–	1	–
JF	E1ADDN–993117	Guide (injection pump governor link)		52/62/4		–	1	–
JF	E1ADDN–993118-B	Disc (injection pump governor diaphragm)		52/62/4		–	1	–

E1ADDN-993113-B used in conjunction with E1ADDN-993115-B and 33798-S2, replaces earlier type damping valve.
⊖When replacing earlier type case use also (2) 117606-ES7/8 and (2) 119984-ES.
† When replacing earlier type cap use also (1) 88390-ES2 and (2) 33921-S2.
* For use with Exhauster supplied in production by Ford Motor Company Ltd.
§ When replacing pump fitted in production prior to 17th December, 1953, supply (1) E1ADDN-9337-B, (2) 117606-ES7/8 and (2) 119984-ES
When replacing pump fitted from 17th December, 1953, to April, 1954, supply (2) 117606-ES7/8 and (2) 119984-ES.
♦ Use with E1ADDN-993101-D
• When replacing earlier type diaphragm with E1ADDN-993115-B, order also 33798-S2.

MISCELLANEOUS — *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
JF	E1ADDN–993119	Ring (injection pump governor diaphragm spring)		52/62/4		–	1	–
JF	510E –993120	Spring (injection pump governor diaphragm)	5	52/62/4		–	1	–
JF	*E1ADDN–993121-B	Body (injection pump)		52/62/4		–	1	–
	*E1ADDN–993121-B	♦Body (injection pump)		3/60/62/4		–	1	–
JH	E1ADDN –993121-C	Body (injection pump)		4/62/		–	1	–
JF	E1ADDN–993122	Connection (injection pump fuel inlet)		52/62/4		–	1	–
	♦E1ADDN–993122	Connection (injection pump fuel inlet)		3/60/62/4		–	1	–
	E1ADDN–993123	Plug (injection pump body filter retaining)		52/54/		–	1	–
JF	E1ADDN–993125	Screw (injection pump body air bleed)	10	52/62/4		–	1	–
JF	♦E1ADDN–993125	Screw (injection pump body air bleed)		3/60/62/4		–	1	–
	E1ADDN–993126	Filter (injection pump body) assy.		52/54/		–	1	–
	E1ADDN –993128-A	Pipe (injection pump leak off)		52/54		–	1	–
JH	E1ADDN–993128-B	Pipe (injection pump leak-off) assy.		4/62/		–	1	–
JF	E1ADDN –993128-C	Pipe (injection pump leak-off) assy.		52/62/4	See "Cambox" Section	–	1	–
	E1ADDN–993130	Clip (injection pump leak off pipe to engine oil filter)		52/62/4	See "Cambox Section"	–	1	–
	E1ADDN–993131	Connection (oil pressure pipe to cylinder block) – banjo	10	6/56/62/4		1	1	1
	E1ADDN–993131	Connection (fuel return pipe banjo)	10	6/56/62/4		–	1	–
	E1ADDN–993139-A	Pipe (injection pump governor suction) assy. – main		52/54/		–	1	–
	E1ADDN–993139-B	Pipe (injection pump governor suction) assy. – main		54/57/4		–	1	–
JA	E1ADDN–993139-C	Pipe (injection pump governor suction) assy. – main		4/57/62/4		–	1	–
JA	E1ADDN–993139-D	Pipe (injection pump governor suction) assy. – main		4/57/62/4	Part of E197-Z-9	–	1	–
JA	E1ADDN–993139-D	Pipe (injection pump governor suction) assy. – main		1/60/62/4	Use with E1ADDN–993100-F/G	–	1	–
	E1ADDN–993141-A	Pipe (injection pump governor suction) assy. – auxiliary		52/54/		–	1	–
	E1ADDN–993141-B	Pipe (injection pump governor suction) assy. – auxiliary		54/57/4		–	1	–
JA	E1ADDN–993141-C	Pipe (injection pump governor suction) assy. – auxiliary		4/57/62/4		–	1	–
	E1ADDN –993143	Clip (injection pump governor suction pipe)		52/54		–	1	–
JF	E1ADDN–993144-B	Cover (injection pump inspection)		53/62/4	Interchangeable	–	1	–
	E1ADDN–993144-D	Cover (injection pump inspection)		53/	Interchangeable	–	1	–
JG	E1ADDN –993144-E	Cover (injection pump inspection)		3/60/62/4		–	1	–
JH	E1ADDN–993144-F	Cover (injection pump)		4/62/		–	1	–
JF	E1ADDN–993145-B	Gasket (injection pump inspection cover)	15	52/62/4		–	1	–
	♦E1ADDN–993145-B	Gasket (injection pump inspection cover)		3/60/62/4		–	1	–
JH	E1ADDN–993145-C	Ring (inspection cover sealing)		4/62/		–	1	–
	E1ADDN–993149-A	Nozzle (fuel injector)	10	52/57/4	Export only	–	4	–
JA	E1ADDN–993149-A	Nozzle (fuel injector)	10	8/58/	Export only	–	4	–
	E1ADDN–993149-B	Nozzle (fuel injector)	15	4/57/58/8	Export only	–	4	–
	E1ADDN–993150-E	Holder (injector nozzle) and body assy.		52/	Export only	–	4	–
	▲502E –993153	Barrel (fuel injection pump) and plunger assy.	10	52/57/4	See "Cambox" Section	–	4	–
JH	E1ADDN–993153-B	Barrel (fuel injection pump) and plunger assy.	10	4/57/62/4		–	4	–
	♦E1ADDN –993153-B	Barrel (fuel injection pump) and plunger assy.		3/60/62/4		–	4	–
JH	510E –993153-B	Barrel (fuel injection pump) and plunger assy.		4/62/		–	4	–
	†E1ADDN–993155-A	Seal (fuel injection housing water)		52/53/		–	4	–
	E1ADDN–993156-B	Seal (fuel injector inlet adaptor to cylinder head)	60	52/62/4	Use with 7" wide head	–	4	–
JA	E1ADDN–993156-C	Seal (fuel injector inlet adaptor to head)		4/62/	Use with 8" wide cyl. head	–	4	–
	E1ADDN–993157-B	Injector (fuel) assy. – complete	2	52/57/4	Except Export	–	4	–
	E1ADDN–993157-B	Injector (fuel) assy. – complete	2	8/58/	Except Export	–	4	–
	E1ADDN–993157-C	*Injector (fuel) assy.*		*52/57/4*	*Parts Ex Plan-Domestic only*	–	4	–
	E1ADDN–993157-C	*Injector (fuel) assy. – complete*		*58/*	*Parts Ex Plan-Domestic only*	–	4	–
	E1ADDN–993157-D	Injector (fuel) assy. – complete	5	4/57/58/8	Except Export	–	4	–

† Fitted in production up to 21st January, 1953.
▲ When replacing earlier type barrel and plunger supply in sets of four.
* When replacing earlier type body use also (1) E1ADDN-9337-B
♦ Use with E1ADDN-993101-D

MISCELLANEOUS—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADDN–993167-A	**Bracket (injection pump mounting)**		52/54/		–	1	–
	E1ADDN–993167-C	**Bracket (injection pump mounting)**		4/62/		–	1	–
	530E –993167	**Bracket (injection pump mounting)**		54/62/4	**See "Complete Injection Pump"**	–	1	–
	E1ADDN–993173-B	**Seal (injector leak-off pipe adaptor to cylinder head)**	2	52/		–	1	–
	E1ADDN–993174-A	**Pipe (injection pump to No.1 injector) assy.**		52/54/		–	1	–
JA	E1ADDN–993174-E	Pipe (injection pump to No. 1 injector) Assy.		54/62/4	Replaces E1ADDN-993174-C	–	1	–
JA	E1ADDN–993174-F	Pipe (fuel injection pump to No. 1 injector) assy.		4/62	Replaces E1ADDN-993174-D	–	1	–
	E1ADDN–993175-A	**Pipe (injection pump to No.2 injector) assy.**		52/54/		–	1	–
JA	E1ADDN–993175-E	Pipe (injection pump to No. 2 injector) assy.	3	54/62/4	Replaces E1ADDN-993175-C	–	1	–
JA	E1ADDN–993175-F	Pipe (fuel injection pump to No. 2 injector) assy.		4/62	Replaces E1ADDN-993175-D	–	1	–
	E1ADDN–993176-A	**Pipe (injection pump to No.3 injector) assy.**		52/54/		–	1	–
	E1ADDN–993176-B	Pipe (injection pump to No. 3 injector) assy		54/57/4	Replaced by E1ADDN-993176-C	–	1	–
JA	E1ADDN–993176-E	Pipe (injection pump to No. 3 injector) assy.	5	4/57/62/4	Replaces E1ADDN-993176-C	–	1	–
JA	E1ADDN–993176-F	Pipe (fuel injection pump to No. 3 injector) Assy.		4/62/	Replaces E1ADDN-993176-D	–	1	–
	E1ADDN–993177-A	**Pipe (injection pump to No.4 injector) assy.**		52/54/		–	1	–
JA	E1ADDN–993177-E	Pipe (injection pump to No. 4 injector) assy.	5	54/62/4	Replaces E1ADDN-993177-C	–	1	–
JA	E1ADDN–993177-F	Pipe (fuel injection pump to No. 4 injector) assy.		4/62	Replaces E1ADDN-993177-D	–	1	–
JA	⊖E1ADDN–993178-C	**Nut (injection pump to injector pipe)**	3	52/		–	8	–
	E1ADDN–993180-A	**Pipe (fuel injector leak-off) assy.**		52/53/		–	1	–
	E1ADDN–993180-B	**Pipe (fuel injector leak-off) assy.**	2	53/		–	1	–
JF	#E1ADDN–993183-A	**Coupling (injection pump drive) assy. – engine half**	10	52/61/4		–	1	–
	530E –993183	**Coupling (injection pump drive) assy. – engine half**		4/61/	**Use with E68-CP-9**	–	1	–
JF	E1ADDN–993184	Pad (injection pump driving)	50	52/		–	1	–
	E1ADDN–993184	**Pad (exhauster drive coupling)**	50	54/62/4		–	1	–
	*E1ADDN–993185	Coupling (injection pump drive) assy. – complete		52/61/4		–	1	–
JF	E1ADDN–993187	**Flange (injection pump drive coupling) – pump half**	5	52/		–	1	–
	♦E1ADDN–993187	**Flange (injection pump drive coupling) – pump half**		2/60/		–	1	–
JH	E1ADDN–993187	**Flange (injection pump drive coupling) – pump half**		4/62/		–	1	–
JF	E1ADDN–993188	**Plate (injection pump drive coupling claw)**	5	52/		–	1	–
JF	E1ADDN–993189-B	**Bolt (injection pump leak-off pipe banjo)**	3	52/		–	1	–
	♦E1ADDN–993189-B	**Bolt (injection pump leak-off pipe banjo)**		3/60/		–	1	–
JA	E1ADDN–993190	**Body (nozzle holder) assy.**		52/	**Export only**	–	4	–
JA	E1ADDN–993191	**Nut (injector nozzle retaining)**		52/	**Export only**	–	4	–
JA	E1ADDN–993192	**Spindle (injector) and cup assy.**		52/	**Export only**	–	4	–
	C5NN–9N519-A	Plate - Fuel Injector Spring		52/		–	4	–
	C5NN–9F540-A	Nut - Fuel Injector Spring Cap		52/		–	4	–
JA	E1ADDN–993195	**Nut (injector spring cap)**		52/	**Export only**	–	4	–
JA	E1ADDN–993196-B	**Nut (fuel injector) – cap**	2	52/		–	4	–
JA	E1ADDN–993197-B	**Adaptor (fuel injector inlet)**	2	54/		–	4	–
JA	C5NE–9G547-A	Washer (fuel injector inlet adaptor)	2	52/		–	4	–
JF	E1ADDN–993200-C	**Cambox (injection pump)**		52/62/4		–	1	–
	502E–993200	Cambox (injection pump)		54/62/4		–	1	–
	♦954E –993200	**Cambox (injection pump)**		3/60/62/4		–	1	–

⊖ Optional in sets. ♦ Use with E1ADDN-993101-D.

 # Use with E69-CP-9 or EIADKN-66607-B.

* Replaced by (1) E1ADDN-993183-A Coupling, (1) E1ADDN-993184 Pad, (1) E1ADDN-993187 Flange

MISCELLANEOUS— *continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
JF	E1ADDN–993201-C	**Camshaft (injection pump)**	2	52/62/4		–	1	–
JH	E1ADDN–993201-D	**Camshaft (injection pump) assy.**		4/62/	**Except with exhauster**	–	1	–
	502E–993201	Camshaft (injection pump)	2	54/62/4		–	1	–
JH	530E –993201	**Camshaft (injection pump) assy.**		4/62/	**With exhauster**	–	1	–
JF	E1ADDN–993202-A	Shim (injection pump camshaft) – .004" thick	3	52/		–	2	–
	♦E1ADDN–993202-A	**Shim (injection pump camshaft) – .004" thick**		3/60/62/4		–	2	–
JG	♦592E –993201	**Camshaft (injection pump)**		3/60/62/4		–	1	–
JH	E1ADDN–993202-A	**Shim (injection pump camshaft)–.004" thick**		4/62/		–	2	–
JF	E1ADDN–993202-B	Shim (injection pump camshaft) – .008" thick	2	52/		–	2	–
	♦E1ADDN–993202-B	**Shim (injection pump camshaft) – .008" thick**		3/60/62/4		–	2	–
JH	E1ADDN–993202-B	**Shim (injection pump camshaft)–.008" thick**		4/62/		–	2	–
JF	E1ADDN–993203-A	**Bearing (injection pump camshaft) assy.**	3	52/		–	2	–
	♦E1ADDN–993203-A	**Bearing (injection pump camshaft) assy.**		3/60/62/4		–	2	–
JH	E1ADDN–993203	**Bearing (injection pump camshaft) assy.**		4/62/		–	2	–
JF	E1ADDN–993204	**Housing (injection pump camshaft bearing) – front**		52/62/4		–	1	–
	♦E1ADDN–993204	**Housing (injection pump camshaft bearing) – front**		3/60/62/4		–	1	–
JF	E1ADDN–993205	**Housing (injection pump camshaft bearing) – rear**		52/62/4		–	1	–
	502E–993205	Housing (injection pump camshaft bearing) – rear		54/62/4		–	1	–
JF	E1ADDN–993206	Baffle (injection pump camshaft oil seal)		52/62/4		–	1	–
JG	590E –993206-B	**Baffle (governor front case to cambox)**		3/60/62/4		–	1	–
	♦592E –993206-B	**Baffle (governor front case to cambox)**		3/60/62/4		–	1	–
JF	E1ADDN–993207	**Seal (injection pump camshaft oil) assy.**	10	52/		–	1	–
	♦E1ADDN–993207	**Seal (injection pump camshaft oil) assy.**		3/60/62/4		–	1	–
JH	E1ADDN–993207	**Seal (injection pump camshaft oil) assy.**		4/62/		–	1	–
	502E–993207	Seal (injection pump camshaft oil)	10	54/62/4		–	1	–
JF	E1ADDN–993208	**Fork (injection pump plunger control)**		52/62/4		–	4	–
	♦E1ADDN–993208	**Fork (injection pump plunger control)**		3/60/62/4		–	4	–
JF	E1ADDN–993209	**Screw (injection pump plunger control fork)**		52/62/4		–	4	–
	♦E1ADDN–993209	**Screw (injection pump plunger control fork)**		3/60/62/4		–	4	–
JF	E1ADDN–993210	**Bush (injection pump control rod)**	2	52/62/4		–	1	–
JF	‡E1ADDN–993211-B	**Rod (injection pump control) assy.**	2	52/62/4		–	1	–
JH	E1ADDN–993211-C	**Rod (control assy.)**		4/62/		–	1	–
JG	♦592E –993211	**Rod (injection pump control) assy.**		3/60/62/4		–	1	–
	○E1ADDN–993213-B	**Lever (injection pump stop and excess fuel) assy.**		52/54/8		–	1	–
	954E –993214	**Spring (injection pump stop and excess fuel lever return)**		52/54/8		–	1	–
JF	E1ADDN–993215-C	**Lever (injection pump stop and excess fuel) arm and catch assy.**	5	8/54/62/4		–	1	–
JG	♦E1ADDN–993215-D	**Lever (injection pump stop and excess fuel) arm and catch assy.**		3/60/62/4		–	1	–
	E1ADDN–993216	**Arm (injection pump stop and excess fuel)**		52/62/4		–	1	–
JF	E1ADDN–993217-A	**Indicator (injection pump timing)**		52/62/4		–	1	–
	♦E1ADDN–993217-A	**Indicator (injection pump timing)**		3/60/62/4		–	1	–
JH	E1ADDN–993217-B	Indicator (injection pump timing)		4/62/63/7		–	1	–
	E1ADDN–993217-D	Indicator (injection pump timing)		7/63/		–	1	–
	○E1ADDN–993218-B	**Case (injection pump fuel stop) – inner**		52/54/8	**Use with E1ADDN-993219-B**	–	1	–
JF	E1ADDN–993218-C	**Case (injection pump fuel stop) – inner**	2	8/54/62/4		–	1	–
JG	♦954E –993218-B	**Case (injection pump fuel stop) – inner**		3/60/62/4		–	1	–
	○E1ADDN–993219-B	**Case (injection pump fuel stop) – outer**		52/54/8	**Use with E1ADDN-993218-B**	–	1	–
JF	E1ADDN–993219-C	**Case (injection pump fuel stop) – outer**	3	8/54/62/4		–	1	–
JG	♦954E –993219-B	**Case (injection pump fuel stop) – outer**		3/60/62/4		–	1	–
	○E1ADDN–993220-B	**Screw (injection pump maximum fuel stop)**		52/54/8		–	1	–

♦ Use with E1ADDN-993101-D.

‡ When replacing earlier type control rod supply also (1) E1ADDN-993106-B, (1) E1ADDN-993213-B, (1) E1ADDN-993218-B,

○ When replacing earlier type parts supply (1) E1ADDN-993106-B, (1) E1ADDN-993213-B, (1) E1ADDN-933218-B, (1) E1ADDN-993219-B, (1) E1ADDN-993220-B and (1) E132-CL-9.

MISCELLANEOUS—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
JF	E1ADDN–993220-C	Screw (injection pump maximum fuel stop)		8/54/62/4		– 1 –
	♦E1ADDN–993220-C	Screw (injection pump maximum fuel stop)		3/60/62/4		– 1 –
	E1ADDN–993227-A	Valve (injection pump delivery) and guide assy.	3	52/58/8		– 4 –
JH	E1ADDN–993227-B	Valve (injection pump delivery) and guide assy.		4/62/	1,600 R.P.M.	– 4 –
JF	502E –993227	Valve (injection pump delivery) and guide assy.	3	8/58/62/4		– 4 –
	♦502E –993227	Valve (injection pump delivery) and guide assy.		3/60/62/4		– 4 –
JH	510E –993227	Valve (injection pump and delivery valve joint)		4/62/	1,800 R.P.M.	– 1 –
JF	E1ADDN–993228	Holder (injection pump delivery valve)		52/62/4		– 4 –
	♦E1ADDN–993228	Holder (injection pump delivery valve)		3/60/62/4		– 4 –
JF	E1ADDN–993229	Screw (injection pump barrel locating)		52/62/4		– 4 –
	♦E1ADDN–993229	Screw (injection pump barrel locating)		3/60/62/4		– 4 –
JF	E1ADDN–993230	Washer (injection pump delivery valve)	3	52/62/4		– 4 –
JF	E1ADDN–993231	Spring (injection pump delivery valve)	2	52/62/4		– 4 –
	♦E1ADDN–993231	Spring (injection pump delivery valve)		3/60/62/4		– 4 –
JF	E1ADDN–993232	Spring (injection pump plunger)		52/62/4		– 4 –
	♦E1ADDN–993232	Spring (injection pump plunger)		3/60/62/4		– 4 –
JF	E1ADDN–993233	Disc (injection pump plunger spring) – lower		52/62/4		– 4 –
	♦E1ADDN–993233	Disc (injection pump plunger spring) – lower		3/60/62/4		– 4 –
JF	E1ADDN–993234	Shim (injection pump plunger)	10	52/62/4		As reqd.
	♦E1ADDN–993234	Shim (injection pump plunger)		3/60/62/4		As reqd.
	§*E1ADDN–993235-B	Body (injection pump tappet)		52/57/4		– 4 –
JF	§E1ADDN–993235-C	Body (injection pump tappet)		4/57/62/4		– 4 –
	E1ADDN–993236-A	Roller (injection pump tappet)	2	52/57/4		– 4 –
JF	E1ADDN–993236-B	Roller (injection pump tappet)	2	4/57/62/4		– 4 –
JF	E1ADDN–993237	Pin (injection pump tappet roller)	3	52/62/4		– 4 –
	E1ADDN–993238-A	Bush (injection pump tappet roller)	2	52/57/4		– 4 –
JF	E1ADDN–993238-B	Bush (injection pump tappet roller)	2	4/57/62/4		– 4 –
	E1ADDN–993239-A	Circlip (injection pump tappet)		52/54/		– 4 –
JF	E1ADDN–993239-B	Circlip (injection pump tappet)		54/		– 4 –
	♦E1ADDN–993239-B	Circlip (injection pump tappet)		3/60/62/4		– 4 –
JH	E1ADDN–993239-B	Circlip (injection pump tappet)		4/62/		– 4 –
JF	E1ADDN–993240	Disc (injection pump plunger spring) – upper		52/58/8		– 4 –
	♦E1ADDN–993240	Disc (injection pump plunger spring) – upper		3/60/62/4		– 4 –
	502E –993240	Disc (injection pump plunger spring) – upper		8/58/62/4		– 4 –
	E1ADDN–993241-A	Spacer (injection pump tappet) – .179" to .181" thick		52/54/		– ar –
	E1ADDN–993241-B	Spacer (injection pump tappet) – .183" to .185" thick		52/54/		– ar –
	E1ADDN–993241-C	Spacer (injection pump tappet) – .187" to .189" thick		52/54/		– ar –
	E1ADDN–993241-D	Spacer (injection pump tappet) – .191" to .193" thick		52/54/		– ar –
	E1ADDN–993241-E	Spacer (injection pump tappet) – .195" to .197" thick		52/54/		– ar –
JF	EIADDN–993241-F	Spacer (injection pump tappet) – .179" to .181" thick	2	54/62/4		– ar –
JF	EIADDN–993241-G	Spacer (injection pump tappet) – .183" to .185" thick	2	54/62/4		– ar –
JF	EIADDN–993241-H	Spacer (injection pump tappet) – .187" to .189" thick	3	54/62/4		– ar –
JF	EIADDN–993241-J	Spacer (injection pump tappet) – .191" to .193" thick	2	54/62/4		– ar –
JF	EIADDN–993241-K	Spacer (injection pump tappet) – .195" to .197" thick		54/62/4		– ar –
JF	EIADDN–993241-L	Spacer (injection pump tappet) – .159" to .161" thick		8/58/62/4		– ar –
	♦EIADDN–993241-L	Spacer (injection pump tappet) – .159" to .161" thick		3/60/62/4		– ar –
JF	EIADDN–993241-M	Spacer (injection pump tappet) – .163" to .165" thick		8/58/62/4		– ar –
	♦EIADDN–993241-M	Spacer (injection pump tappet) – .163" to .165" thick		3/60/62/4		– ar –
JF	510E –993241-A	Spacer (injection pump tappet) – .167" to .169" thick		4/57/62/4		– ar –
	♦510E –993241-A	Spacer (injection pump tappet) – .167" to .169" thick		3/60/62/4		– ar –
JF	510E –993341-B	Spacer (injection pump tappet) – .171" to .173" thick		4/57/62/4		– ar –
	♦510E –993341-B	Spacer (injection pump tappet) – .171" to .173" thick		3/60/62/4		– ar –
JF	510E –993241-C	Spacer (injection pump tappet) – .175" to .177" thick		4/57/62/4		– ar –
	♦510E –993241-C	Spacer (injection pump tappet) – .175" to .177" thick		3/60/62/4		– ar –

*When replacing earlier type body supply also (1) EIADDN-993239-B and (1) EIADDN-993241-F/G/H/J/K Selective

♦Use with EIADDN-993101-D

§Replaced by (1) EIADDN-993235-C (1) EIADDN-993236-B (1) EIADDN-993238-B

MISCELLANEOUS—(continued)

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
JF	E1ADDN–993243	Reducer (injection pump volume)	2	52/62/4		–	4	–
	♦E1ADDN–993243	Reducer (injection pump volume)		3/60/62/4		–	4	–
	E1ADDN–994551-A	Valve gear (H.P.L.) assy.		52/60/11		1	1	–
	E1ADDN–994552-A	Body (H.P.L. valve gear) and valve seat assy.		52/60/11		1	1	–
	‡E1ADKN–994559	Seat (H.P.L. valve gear check valve)		52/60/11		1	1	1
	E1ADKN–994561-B	Valve gear (H.P.L.) assy.		52/60/11	Auxiliary Service Accessory	1	1	1
	E1ADKN–994561-B	Valve (aux. service) assy. L.H.		2/61/		1	1	–
	E1ADKN–994561-B	Valve (auxiliary service)		11/60/		1	1	–
AH	E1ADKN–994567	Seal (H.P.L. pump pedestal bolt)	2	52/60/11		8	8	8
AH	E1ADKN–994567	Seal (H.P.L. magnetic filter)	2	52/60/11		2	2	2
	E1ADKN–994567	Seal (rear cover transmission housing) – lower	2	52/60/11		8	8	8
AB/AC	E1ADKN–994570	Seal (H.P.L. valve gear oil passage) ⅜" B.S.P. – composite	3	52/		1	1	1
AB	E1ADKN–994570	Seal (raised P.T.O. idler gear shaft)–¼" B.S.P. composite	3	52/60/11	See "Power Take-off"	1	1	1
AC	E1ADKN–994570	Seal (H.P.L. valve gear oil passage plug)		11/60/		1	1	–
GC	E1ADKN–994570	Seal (idler gear shifter shaft)		52/	Raised P.T.O.	1	1	1
GC	E1ADKN–994572	Seal (raised P.T.O. idler gear shaft)		52/	Raised P.T.O.	1	1	1
AD	E1ADKN–994573	Seal (H.P.L. valve gear oil passage)–½" B.S.P. – composite	15	52/	5 req. with Auxiliary Service	3	3	3
AK	E1ADKN–994573	Seal (H.P.L. ram cylinder oil passage)–½" B.S.P.– composite		52/60/11		1	1	1
AB	E1ADKN–994573	Seal (hydraulic single acting valve)		11/60/		2	2	–
AC	E1ADKN–994573	Seal (H.P.L. remote control housing plug)		11/60/		1	1	–
AK	E1ADKN–994583	Pipe (H.P.L. ram cylinder to valve gear)		52/60/11	8½" long	1	1	1
AH	E1ADKN–994585	Pipe (H.P.L. pump to ram cylinder)		52/60/11	9" long	1	1	1
AB	E1ADKN–994586	Gasket (H.P.L. valve gear to ram cylinder)	40	52/60/11		1	1	1
AB	E1ADKN–994601	Valve (H.P.L. valve gear unloading)	5	52/58/8		1	1	1
AB	E1ADDN–994601	Valve (H.P.L. valve gear unloading)	3	8/58/60/11		1	1	–
AC	957E –994601-B	Valve (H.P.L. valve gear unloading)		11/60/63/4	Part of 957E-638-B	1	1	–
	957E –994601-C	Valve (H.P.L. valve gear unloading)		4/63/	Part of 957E-638-C	1	1	–
AE	E1ADDN–994607	Washer (H.P.L. ram cylinder cross shaft)		11/60/		2	2	–
AE	E1ADKN–994607	Washer (H.P.L. ram cylinder cross-shaft)	2	52/60/11		2	2	2
AB	E1ADKN–994608	Seat (H.P.L. valve gear unloading valve)	5	52/60/11		1	1	1
AC	957E –994608-B	Body (H.P.L. valve gear unloading valve)		11/60/63/4	Part of 957E-638-B	1	1	–
	957E –994608-C	Body (H.P.L. valve gear unloading valve)		4/63/	Part of 957E-638-C	1	1	–
AE	E27N –994609	Bush (H.P.L. ram cylinder lifting arm)		52/60/11		4	4	4
	E27N –994609	Bush (H.P.L. ram cylinder lifting arm)		11/60/		4	4	–
AB/AC	E1ADKN–994612	Retainer (H.P.L. valve gear oil passage seal)		52/60/11	6 req-with Auxiliary Service	4	4	4
AD	E1ADKN–994612	Retainer (aux. valve oil passage seal)		2/61/		4	4	–
AC	E1ADDN–994612	Retainer (H.P.L. remote control oil passage)		11/60/		1	1	–
AB	E1ADKN–994613-A	Shim (H.P.L. valve gear unloading valve spring)	20	52/58/8	.016" thick	As reqd.		
AB	E1ADKN–994613-B	Shim (H.P.L. valve gear unloading valve spring)	20	52/58/8	.028" thick	As reqd.		
AB	E1ADDN–994613-C	Shim (H.P.L. valve gear unloading valve spring)	15	8/58/60/11	.016" thick	ar	ar	–
AB	E1ADDN–994613-D	Shim (H.P.L. valve gear unloading valve spring)	15	8/58/60/11	.028" thick	ar	ar	–
AC	957E –994613-E	Shim (H.P.L. valve gear unloading valve)		11/60/	.010" thick. Part of 957E-638-B/C	ar	ar	–
AC	957E –994613-F	Shim (H.P.L. valve gear unloading valve)		11/60/	.025" thick. Part of 957E-638-B/C	ar	ar	–
AB	‡E1ADKN–994614	Gasket (H.P.L. valve gear control lever housing cover)	5	52/60/11		1	1	1
AD	E1ADKN–994614	Gasket (aux. service control lever housing cover)		2/61/		2	2	–
AB	E1ADKN–994615	Cover (H.P.L. valve gear unloading valve)		52/60/11		1	1	1
	E1ADKN–994616	Adjuster (H.P.L. valve gear unloading valve spring)		52/58/8		1	1	1
AE	E1ADDN–994620-A	Arm (H.P.L. ram cylinder lifting) assy.		11/60/	Except Auto-hitch	2	2	–

‡Double quantities used with Auxiliary Service. ♦Use with E1ADDN-993101-D

MISCELLANEOUS—*(continued)*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
EF	E1ADDN–994620-B	Arm (H.P.L. ram cylinder lifting) assy.		11/60/	When required or with H.P.L. and Auto-hitch	2	2	–
AE	E1ADKN–994620	Arm (H. P. L. ram cylinder lifting) assy. – R.H.	3	52/60/11		1	1	1
AE	E1ADKN–994621	Arm (H. P. L. ram cylinder lifting) assy. – L.H.	3	52/60/11		1	1	1
AB	E1ADKN–994623	Cover (H. P. L. valve gear body) – top		52/60/11		1	1	1
AB	E1ADKN–994626	Retainer (H. P. L. valve gear oil passage seal)		52/60/11		1	1	1
	E1ADDN–994630-D	Pump (H. P. L.) Assy		52/	Together with E1ADDN-994649 replaces E1ADDN-994630-A	1	1	–
AH	E1ADKN–994633	Washer (H. P. L. pump driven gear retaining nut) – tab		52/60/11		1	1	1
AJ	957E –994633	Washer (H. P. L. pump gear retaining nut) – tab		11/60/		1	1	–
AH	E1ADKN–994649	Gear (H. P. L. pump) – driving		52/63/6	On P. T. O. extension shaft	1	1	1
GC	E1ADDN–994649	Gear (H.P.L. pump) – driving		6/63/		1	1	–
AB	‡E1ADKN–994660	Spacer (H. P. L. valve gear control lever quadrant)		52/60/11		2	2	2
AD	E1ADKN–994660	Spacer (aux. valve control lever quadrant)		2/62/		4	4	–
AH	E1ADKN–994661	Gasket (H. P. L. pump pedestal to rear transmission housing)	5	52/60/11		1	1	1
	E1ADKN–994661	Gasket (rear transmission housing lower cover)	5	52/60/11	See "Rear Transmission"	1	1	1
	E1ADKN–994664	Ring (H. P. L. pump driving gear lock)	2	52/60/11	On P. T. O. extension shaft	2	2	2
AH	E1ADKN–994667	Bearing (H. P. L. pump) - front (N. S. in U. S.)		52/60/11		2	2	2
AH	E1ADKN–994668	Bearing (H. P. L. pump) – rear	2	52/60/11		2	2	2
AJ	E1ADDN–994668-B	Bearing (H. P. L. pump)		11/60	Replaces E1ADDN–994667-A & E1ADDN-994668-A	2	2	–
AH	E1ADKN–994670	Bracket (H. P. L. pump mounting)		52/60/11	In E1ADKN-994630	1	1	1
AJ	E1ADDN–994670-B	Bracket (H.P.L. pump mounting)		11/60		1	1	–
AJ	E1ADDN–994677	Body (H. P. L. pump)		11/60/		1	1	–
AJ	E1ADDN–994683	Gear (H. P. L. pump pressure drive)		11/60/		1	1	–
AH	E1ADKN–994683	Gear (H. P. L. pump pressure drive)		52/60/11		1	1	1
AJ	E1ADDN–994684	Gear (H. P. L. pump pressure driven)		11/60/		1	1	–
	E1ADKN–994684	Gear (H. P. L. pump pressure driven)		52/60/11		1	1	1
AH	E1ADKN–994685	Pedestal (H.P.L. pump)		52/60/11		1	1	1
	E1ADKN–994685	Pedestal (H.P.L. pump)		11/60/		1	1	–
AH	E1ADKN–994686	Cover (H.P.L. pump pedestal)		52/60/11		1	1	1
	E1ADKN–994686	Cover (H.P.L. pump pedestal)		11/60/		1	1	–
AH	E1ADKN–994687	Gasket (H.P.L. pump pedestal cover)	5	52/60/11		1	1	1
	E1ADKN–994687	Gasket (H.P.L. pump pedestal cover)		11/60/		1	1	–
AJ	E1ADDN–994688-A	Gear (H. P. L. pump) – driven		11/60/63/6		1	1	–
	E1ADDN–994688-B	Gear (H. P. L. pump) – driven		6/63/		1	1	–
AH	E1ADKN–994688	Gear (H.P.L. pump)–driven		52/60/11		1	1	1
AK	E1ADKN–994692	Piston (H.P.L. ram cylinder)	2	52/60/11		1	1	1
AL	E1ADDN–994693	Gland (H.P.L. ram cylinder piston)		11/60/		1	1	–
AK	E27N –994693-B	Gland (H.P.L. ram cylinder piston)	70	52/60/11		1	1	1
AK	E27N –994695-B	Retainer (H.P.L. ram cylinder piston gland)	10	52/60/11		1	1	1
AH	E1ADKN–994699-A	Plate (H.P.L. pump oil pressure relief)–.1125" to .1130" thick		52/60/11		As reqd.		
AH	E1ADKN–994699-B	Plate (H.P.L. pump oil pressure relief)–.1150" to .1155" thick		52/60/11		As reqd.		
AH	E1ADKN–994699-C	Plate (H.P.L. pump oil pressure relief)–.1175" to .1180" thick		52/60/11		As reqd.		
AH	E1ADKN–994699-D	Plate (H.P.L. pump oil pressure relief)–.1200" to .1205" thick		52/60/11		As reqd.		
AB/AD	‡E1ADKN–994713	Spring (H. P. L. valve gear indent)		52/60/11		1	1	1

‡Double quantities used with Auxiliary Service

MISCELLANEOUS *(continued)*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
	E1ADKN–994713	Spring (H.P.L. valve gear indent)		11/60/		1 1 –
AB	E1ADKN–994717	Spring (H.P.L. valve gear unloading valve)	5	52/58/8		1 1 1
AB	E1ADDN–994717	Spring (H.P.L. valve gear unloading valve)	3	8/58/60/11		1 1 –
AC	957E –994717-C	Spring (H.P.L. valve gear unloading valve)		11/60/63/4	Part of 957E-638-B	1 1 –
	957E –994717-D	Spring (H.P.L. valve gear unloading valve)		4/63/	Part of 957E-638-C	1 1 –
AB/AD	‡E1ADKN–994720	Housing (H.P.L. valve gear indent) and roller assy.		52/60/11		1 1 1
	E1ADKN–994721	Plug (H.P.L. pump suction passage)		52/60/11		1 1 1
AH	E1ADKN–994723	Spring (H.P.L. pump bearing locking)	2	52/60/11		4 4 4
AB/AD	‡E1ADKN–994730	Housing (H.P.L. valve gear control lever)	2	52/60/11		1 1 1
	E1ADKN–994730	Housing (H.P.L. valve gear control lever)		11/60/		1 1 –
AB/AD	‡E1ADKN–994731-A	Cover (H.P.L. valve gear control lever housing)		52/60/11		1 1 1
AB/AD	‡E1ADKN–994732	Gasket (H.P.L. valve gear control lever housing to body)	5	52/60/11		1 1 1
AB/AD	‡E1ADKN–994737	Guard (H.P.L. valve gear control lever quadrant)		52/60/11		1 1 1
AB/AD	‡E1ADKN–994742-A	Piston (H.P.L. valve gear) – standard		52/60/11	Red	As reqd.
	E1ADKN–994742-A	Piston (H.P.L. valve gear) – standard		11/60/		1 1 –
AB/AD	‡E1ADKN–994742-B	Piston (H.P.L. valve gear) – .0002" o/s		52/60/11	Yellow	As reqd.
	E1ADKN–994742-B	Piston (H.P.L. valve gear) – .0002" o/s		11/60/		1 1 –
AB/AD	‡E1ADKN–994742-C	Piston (H.P.L. valve gear) – .0004" o/s		52/60/11	Blue	As reqd.
	E1ADKN–994742-C	Piston (H.P.L. valve gear) – .0004" o/s		60/11/	Blue	1 1 –
AB/AD	‡E1ADKN–994742-D	Piston (H.P.L. valve gear) – .0006" o/s		52/60/11	Green	As reqd.
	E1ADKN–994742-D	Piston (H.P.L. valve gear) – .0006" o/s		60/11/	Green	1 1 –
AB/AD	‡E1ADKN–994742-E	Piston (H.P.L. valve gear) – .0008" o/s		52/60/11	White	As reqd.
	E1ADKN–994742-E	Piston (H.P.L. valve gear) – .0008" o/s		60/11/	White	1 1 –
AB/AD	‡E1ADKN–994743	Cover (H.P.L. valve gear piston bore)		52/60/11		1 1 1
	E1ADKN–994743	Cover (H.P.L. valve gear piston bore)		60/11/		1 1 –
AB/AD	‡E1ADKN–994744	Stop (H.P.L. valve gear control lever adjustable)		52/60/11		1 1 1
	E1ADKN–994744	Stop (H.P.L. valve gear control lever adjustable)		60/11		1 1 –
AB/AD	‡E1ADKN–994748	Lever (H.P.L. valve gear)		52/60/11		1 1 1
	E1ADKN–994748	Lever (H.P.L. valve gear)		60/11		1 1 –
AD	E1ADKN–994748	Lever (aux. valve)		2/62/		2 2 –
AB/AC	E1ADKN–994751	Plug (H.P.L. valve gear oil passage) – ⅜" B.S.P.		52/60/11		1 1 1
AC	E1ADKN–994751	Plug (H.P.L. valve gear oil passage)		11/60/		1 1 –
AB	E1ADKN–994752	Link (H.P.L. valve gear piston)		52/60/11		1 1 1
AK	E1ADKN–994755	Bush (H.P.L. ram cylinder cross-shaft bearing)	2	52/60/11	In E1ADKN–994781	4 4 4
AB/AD	E1ADKN–994756	Link (H.P.L. valve gear piston)		52/60/11	Auxiliary Service	1 1 1
AD	E1ADKN–994756	Link (aux. valve piston)		2/62/		2 2 –
AK	E1ADKN–994758	Cylinder (H.P.L. ram)	2	52/60/11		1 1 1
AB/AD	‡957E–994762	Plug (H.P.L. valve gear oil passage) – 1/2" B.S.P.	2	52/60/11		1 1 1
AD	957E–994762	Plug (aux. valve)		2/62/		2 2 –
AK	957E–994762	Plug (H.P.L. ram cyl. oil passage) – 1/2" B.S.P.		52/60/11		1 1 1
	957E –994762	Plug (H.P.L. remote control housing)		11/60/		1 1 –
AK	E1ADKN–994769-A	Rod (H.P.L. ram cylinder piston connecting) assy.		52/60/11		1 1 1
AK	E1ADKN–994770	Pin (H.P.L. ram cylinder piston connecting rod to crank arm)	2	52/60/11		1 1 1
AK	E1ADKN–994771	Arm (H.P.L. ram cylinder crank)		52/60/11		1 1 1
AK	E1ADKN–994774	Shaft (H.P.L. ram cylinder cross)		52/60/11		1 1 1
AK	E1ADKN–994777	Bearing (H.P.L. ram cylinder cross-shaft)		52/60/11		4 4 4
AK	E1ADKN–994781	Housing (H.P.L. ram cylinder) and bush assy.		52/60/11		1 1 1
AK	E1ADKN–994783	Cover (H.P.L. ram cylinder rear)		52/60/11		1 1 1
AK	E1ADKN–994784	Gasket (H.P.L. ram cylinder rear cover)	5	52/60/11		1 1 1
AK	E1ADDN–994791	Spacer (H.P.L. cross shaft bearing)		11/60/		2 2 –
AK	E1ADKN–994791	Spacer (H.P.L. ram cylinder cross-shaft bearing)		52/60/11		2 2 2
AB/AD	E1ADKN–994794	Cover (H.P.L. valve gear) – front		52/60/11		1 1 1
AD	E1ADKN–994794	Cover (aux. valve)		2/62/		1 1 –
AB	E1ADKN–994795	Gasket (H.P.L. unloading valve cover)	5	52/60/11		1 1 1

‡Double quantities with Auxiliary Service

MISCELLANEOUS — *(continued)*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AB/AD	E1ADKN–994796	Gasket (H.P.L. valve gear front cover)	15	52/60/11		1	1	1
AD	E1ADKN–994796	Gasket (aux. valve cover)		2/62/		2	2	–
	E1ADKN–994808	Quadrant (H.P.L. valve gear control lever)		52/60/11		1	1	1
	E1ADKN–994808	Quadrant (aux. valve control lever)		2/62/		1	1	–
AB	‡E1ADKN–994809-B	Lever (H.P.L. valve gear control) and shaft assy.		52/60/11		1	1	1
AD	E1ADKN–994809-B	Lever (aux. valve control) and shaft assy.		2/62/		2	2	–
AB	E1ADKN–994815	Quadrant (H.P.L. valve gear control lever)		52/60/11	Auxiliary Service	1	1	1
	E1ADKN–994815	Quadrant (aux. valve control lever)		2/62/		1	1	–
AK	E1ADKN–994827	Pipe (H.P.L. ram cylinder oil return)		52/60/11		1	1	1
AB	‡E1ADKN–994873	Valve (H.P.L. valve gear check)	5	52/60/11		1	1	1
AD	E1ADKN–994873	Valve (aux. check)		2/62/		2	2	–
AB	E1ADKN–994874	Guide (H.P.L. valve gear check valve)		52/60/11		1	1	1
AB/AD	‡E1ADKN–994875	Spring (H.P.L. valve gear check valve)	3	52/60/11		1	1	1
AD	E1ADKN–994875	Spring (aux. check valve)		2/62/		2	2	–
AB	E1ADKN–994878	Guide (H.P.L. valve gear check valve)		52/60/11	Auxiliary Service	1	1	1
AD	E1ADKN–994878	Guide (aux. check valve)		2/61/		2	2	–
AB	E1ADKN–994883	Gasket (H.P.L. valve gear top cover)		52/60/11	Auxiliary Service	1	1	1
AD	E1ADKN–994883	Gasket (aux. valve)		2/61/		2	2	–
AB	E1ADKN–994888	Cover (H.P.L. valve gear) – top		52/60/11	Auxiliary Service	1	1	1
AD	E1ADKN–994888	Cover (aux. valve)		2/61/		2	2	–
AB	E1ADKN–994889	Gasket (H.P.L. valve gear top cover)	3	52/60/11		1	1	1
AK	E1ADKN–994925	Seal (H.P.L. ram cylinder cross-shaft)		52/60/11		2	2	2
	E1ADKN–994992-B	Retainer (H.P.L. valve gear oil passage seal)		52/60/11		1	1	1
AH	E1ADKN–995016	Filter (H.P.L. pump pedestal magnetic) assy.		52/		2	2	2
AH	E1ADKN–995017	Filter (H.P.L. pump) assy.		52/		1	1	1
	E1ADKN–995151-A	Link (H.P.L. lifting) and levelling box assy.		52/		1	1	1
AF	E27N –995152-A	Box (H.P.L. levelling) and bush assy.	3	52/60/11		1	1	1
AG	E1ADDN–995152-B	Box (H.P.L. levelling) and bush assy.		11/60/	With (1) E141-QF-9 and (1) E113-QF-9 replaces previous type box	1	1	1
AF	E27N –995155	Collar (H.P.L. levelling box pinion)		52/60/11		1	1	1
AF	E27N –995156	Bracket (H.P.L. levelling box pinion bearing)	2	52/60/11		1	1	1
AF	E27N –995157	Lever (H.P.L. levelling box)		52/60/11		1	1	1
AG	E1ADDN–995157	Lever (H.P.L. levelling box)		11/60/		1	1	–
AF	E1ADKN–995159	Gear (H.P.L. levelling box)	10	52/60/11		1	1	1
AF	E27N –995161	Bush (H.P.L. levelling box)		52/60/11		1	1	1
AG	E1ADDN–995161	Bush (H.P.L. levelling box)		11/60/		1	1	1
AF/AG	E1ADDN–995162-C	Link (H.P.L.) and ball assy.		52/		2	2	2
AF	E1ADKN–995164	Knuckle (H.P.L. levelling box)		53/60/11		1	1	1
AF	E27N –995165	Pin (H.P.L. levelling box knuckle)	5	52/60/11		1	1	1
AF	E27N –995168	Plug (H.P.L. levelling box expansion)	2	52/60/11		1	1	1
AF	E27N –995170	Chain (H.P.L. lower link safety) assy.	5	52/60/11		2	2	2
AG	E1ADDN–995170	Chain (H.P.L. lower link safety) assy.		11/60/		2	2	–
AF	E1ADKN–995179-C	Bracket (H.P.L. check chain anchor)–R.H.		6/57/60/11	Use with Industrial Tractor	1	1	–
AF/AG	E1ADDN–995179-A	Bracket (H.P.L. check chain anchor)–R.H.		52/		1	1	–
AG	E1ADDN–995179-B	Bracket (H.P.L. check chain anchor)–R.H.		11/60/	Use with Industrial Tractor	1	1	–
AF	E1ADKN–995180-C	Bracket (H.P.L. check chain anchor)–L.H.		6/57/60/11	Use with Industrial Tractor	1	1	–
AF	E1ADDN–995180-A	Bracket (H.P.L. check chain anchor)–L.H.	2	52/59/9	Except Export	1	1	1
AF	E1ADDN–995180-B	Bracket (H.P.L. check chain anchor)–L.H.	2	10/55/60/11	Export only	1	1	1
AG	E1ADDN–995180-A	Bracket (H.P.L. check chain anchor)–L.H.		11/60/		1	1	–
AG	E1ADDN–995180-B	Bracket (H.P.L. check chain anchor)–L.H.		11/60/	Use with Industrial Tractor	1	1	–
	E1ADDN–995181-A	Bracket (H.P.L. check chain anchor)–R.H.		9/59/60/11		1	1	–
	E1ADDN–995181-B	Bracket (H.P.L. check chain anchor)–R.H.		1/60/60/11	Export only	1	1	–
	E1ADDN–995182-B	Bracket (H.P.L. check chain anchor)–L.H.		1/60/60/11	Export only	1	1	–

‡Double quantities with Auxiliary Service.

MISCELLANEOUS—*(continued)*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AG	C5NN–A867-B	Eyebolt (H. P. L. check chain adjusting)		11/59/	With E1ADDN-995299-A	2	2	–
AF/AG	E1ADKN–995191-A	**Eyebolt (H.P.L. check chain to lower link) assy.**	5	52/		2	2	2
AF	E1ADKN–995191-B	Eyebolt (H. P. L. check chain to anchor bracket & lower link) assy	2	7/56/		2	2	2
AF/AG	E1ADKN–995192	**Nut (H.P.L. check chain adjusting)**	15	52/		2	2	2
	E1ADKN–995200-A	**Installation (H.P.L. rear linkage)**		52/59/11	Less A.C.R.	1	1	1
	E1ADDN–995200-A	**Installation (H.P.L. rear linkage)**		11/59/60/11	Less A.C.R.	1	1	–
AF	E1ADKN–995203-A	**Bracket (H.P.L. upper link support)**		52/60/11	Less A.C.R.	1	1	1
AF	E1ADKN–995203-B	**Bracket (H.P.L. upper link support)**		52/60/11	With A.C.R.	1	1	1
AG/AF	E1ADDN–995203	**Bracket (H.P.L. rocker upper link support)**		11/60/		1	1	–
	E1ADDN–995204-B	**Bracket (H.P.L. rocker) and A.C.R. support**		11/60/		1	1	–
AF/AG	E27N –995207-B	**Pinion (H.P.L. levelling box)**	2	52/60/11		1	1	1
AG	E1ADDN–995207	**Pinion (H.P.L. levelling box)**		11/60/		1	1	–
AF	E27N –995225	**Linch pin (H.P.L. lower link), clip, chain and ring assy**	10	52/60/11		2	2	2
AG	E1ADDN–995225-B	**Linch pin (H.P.L. lower link) and chain assy.**		11/60/		2	2	–
	E1ADDN–995232	**Pin (H.P.L. link mounting bracket)**		11/59/60/11		2	2	–
AG	E1ADDN–995233	**Ball (H.P.L. lower link)–Category 1**		11/60/		2	2	–
AG	C5NN-557-A	Ball (H. P. L. lower link)–Category 2		11/60/		2	2	–
AF	E1ADDN –995236-A	**Bracket (H.P.L. lower link mounting and pin assy)–R.H.**		11/59/60/11		1	1	–
EF	E1ADDN–995236-B	**Bracket (H.P.L. lower link mounting) and pin assy. – R.H.**		11/60/		1	1	–
AF/AG	E1ADKN–995236	**Bracket (H.P.L. lower link mounting) and pin assy.**		52/		2	2	2
	E1ADDN–995237-A	**Bracket (H.P.L. lower link mounting and pin assy)–L.H.**		11/59/60/11		1	1	–
EF	E1ADDN –995237-B	**Bracket (H.P.L. lower link mounting) and pin assy.–L.H.**		11/60/		1	1	–
AG	E1ADDN–995242	**Retainer (H.P.L. lower link) and spring assy.**		11/60/		2	2	–
AF	C5NN–F847-A	Pin (H. P. L. upper link) – rear		52/60/4	Repl. E27N-995248	1	1	1
AF	E1ADKN–995250	**Pin (H.P.L. lifting rod sleeve)**	10	52/60/11		2	2	2
	E1ADKN –995259	**Rod (H.P.L. lifting) assy.**		52/60/11		1	1	1
AF	E1ADKN–995260	**Rod (H.P.L. lifting)**	15	52/60/11		1	1	1
AF	E1ADKN–995261	**Clevis (H.P.L. lifting rod)**	2	52/60/11		2	2	2
AF	E27N –995262-A	**Knuckle (H.P.L. lifting rod)**	2	52/60/11		1	1	1
	E1ADDN–995264	**Linch pin (upper link) and chain assy.–Category 1**		11/60/	When requested Less A.C.R.	1	1	–
AF/AG	E27N –995265-A	**Body (H.P.L. upper link)**	5	52/60/11	Less A.C.R.	1	1	1
AF/AG	E27N –995266	**Link (H.P.L.) and ball assy.–upper–front**	5	52/60/11	Less A.C.R.	1	1	1
AG	E27N –995267	**Link (H.P.L.)-and ball assy.–upper–rear**	5	52/60/11	Less A.C.R.	1	1	1
AF/AG	E1ADDN–995267	**Link (H.P.L.) and ball assy.–upper–rear–Category 1**		11/60/	When requested Less A.C.R.	1	1	–
AF/AG	E27N –995271	**Locknut (H.P.L. upper link)**	5	52/		1	1	1
AF	E27N –995272	**Pin (H.P.L. upper link)–front**	15	52/60/11		1	1	1
AF	E27N –995279	Ring (H. P. L. and drawbar linch pin)	30	52/60/11	3 used less H. P. L.	8	8	8
AG	E27N –995279	Ring (H. P. L. rocker pin)	30	11/60/		1	1	–
AG	E27N –995279	Ring (H. P. L. upper link pin)–front	30	11/60/		1	1	–
AG	E27N –995279	Ring (H. P. L. upper link pin)–rear	30	11/60/		1	1	–
AG	E27N –995279	Ring (H. P. L. lifting rod linch pin)	30	11/60/		2	2	–
	E27N –995279	Ring (H. P. L. rocker pin)	30	11/60/		1	1	–

MISCELLANEOUS—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
AF/AG	E27N –995282	Pin (H.P.L. lifting rod knuckle)	5	52/60/11		3	3	3
	E27N –995284	Tommy bar (H.P.L. upper link body)		52/60/11		1	1	1
AF/AG	E27N –995286	Linch pin (H.P.L. upper link), eye clip and chain assy.	3	52/60/11		1	1	1
AF	E1ADKN–995288	Sleeve (H.P.L. lifting rod)	5	52/60/11		2	2	2
AG	E27N –995290	Washer (H.P.L. lower link to mounting bracket)		52/59/11		2	2	2
AF	E27N –995292	Linch pin (H.P.L. lifting rod sleeve)	40	52/60/11		2	2	2
AF/AG	E27N –995295	Pin (H.P.L. lifting rod to lower link)	15	52/60/4		2	2	2
	E1ADDN–995299-A	Shackle (H.P.L. check chain)		11/59/60/11	With E1ADDN-993187 replaces previous type eyebolt assy.	2	2	–
AF	*E1ADDN–995299-A	Shackle (H.P.L. check chain)	3	52/59/11		2	2	2
AF/AG	*E1ADDN–995299-A	Shackle (H.P.L. check chain)		7/56/60/11	When requested	2	2	2
	E1ADDN–995299-B	Shackle (H.P.L. check chain)		1/60/		2	2	–
	E1ADKN–995303-B	Rod (A.C.R. bell crank lever to sector)		6/63/	Repl. E1ADKN-995303-A	1	1	1
AM	E1ADKN–995305	Lever (A.C.R. bell crank)		52/		1	1	1
AM	E1ADKN–995307	Bracket (A.C.R. bell crank lever mounting)		52/	On rear axle	1	1	1
	E1ADKN–995309	Buffer (automatic clutch release)		52/60/11		1	1	1
	E27N –995311	Lever (A.C.R. buffer to shaft)		52/60/11		2	2	2
	E1ADKN–995312	Shaft (A.C.R. buffer lever to sector arm)		52/60/11		1	1	1
AM	E1ADDN–995312	Shaft (A.C.R. lever)		11/60/		1	1	–
AM	E1ADKN–995318	Arm (A.C.R. release sector operating)		52/		1	1	1
	E1ADKN–995334	Rod (A.C.R. bell crank lever to clutch release) assy.		52/60/11		1	1	1
AM	E1ADDN–995334-B	Rod (A.C.R. bell crank lever to clutch release) assy.		11/60/63/6		1	1	1
AM	E1ADDN–995338	Lever (A.C.R. release plunger hand)		11/60/		1	1	–
	E1ADKN–995338	Lever (A.C.R. release plunger hand)		52/60/11		1	1	1
AM	E1ADKN–995340	Sector (A.C.R. release) assy.		52/		1	1	1
AM	E27N –995347	Plunger (A.C.R. release sector)		52/		2	2	2
AM	E27N –995349	Spring (A.C.R. release sector plunger)		52/		2	2	2
AM	E27N –995388	Plug (A.C.R. cylinder air bleed)		52/57/11		1	1	1
AN	E27N –995388	Plug (A.C.R. cylinder fluid level adjusting)		52/		1	1	1
AN	E27N –995390	Washer (A.C.R. cylinder air bleed plug)		52/		1	1	1
AN	E27N –995851	Piston (A.C.R. cylinder)		52/		1	1	1
AN	E27N –995853	Seal (A.C.R. cylinder piston)	3	52/		1	1	1
AN	E1ADKN–995855	Spring (A.C.R. cylinder filler valve)		52/		1	1	1
	E27N –995856	Cover (A.C.R. cylinder front)		52/60/11		1	1	1
AN	E1ADDN–995856	Cover (A.C.R. cylinder front)		11/60/		1	1	–
AN	E27N –995858	Seal (A.C.R. cylinder piston rod)	3	52/		1	1	1
AN	E27N –995859	Seal (A.C.R. cylinder front and rear cover)	2	52/		2	2	2
	E27N –995860	Adjuster (A.C.R. cylinder relief valve spring)		52/		1	1	1
AN	E27N –995861	Piston (A.C.R. cylinder relief valve spring adjuster)		52/		1	1	1
AN	E27N –995863	Housing (A.C.R. cylinder relief valve) and valve assy.		52/		1	1	1
AN	E27N –995864	Valve (A.C.R. cylinder relief) assy.		52/		1	1	1
AN	E27N –995867	Spring (A.C.R. cylinder relief valve)		52/		1	1	1
AN	E27N –995868	Cover (A.C.R. cylinder rear)		52/		1	1	1
AN	E27N –995869	Cover (A.C.R. cylinder top)		52/		1	1	1
AN	E1ADKN–995872	Cage (A.C.R. cylinder filler valve)		52/		2	2	2
AN	E27N –995875	Cylinder (automatic clutch release)		52/		1	1	1
AN	E27N –995876	Lock nut (H.P.L. upper link)–rear		52/		1	1	1

* Together with C5NN-A867-B replaces previous type shackle.

Illus. No.			Name of Part	% Scaling	Year Range		Qty. Req.		
			MISCELLANEOUS—*continued*						
AN	E27N	–995877	Body (H.P.L. upper link)		52/		1	1	1
AN	E1ADKN	–995880	Plate (A.C.R. cylinder filler valve spring)		52/		1	1	1
	E27N	–995881	Plate (A.C.R. cylinder attachment)	2	52/60/11		1	1	1
AN	E27N	–995885	Link (H.P.L. upper rear) and ball assy.		52/		1	1	1
	E27N	–995886	Rod (A.C.R. cylinder piston) and ball assy.	2	52/60/11		1	1	1
	E1ADDN	–995886	Rod (A.C.R. cylinder piston) and ball assy.		11/60/		1	1	–
AN	E27N	–995887	Gasket (A.C.R. cylinder top cover)		52/		2	2	2
AN	E27N	–995890	Washer (A.C.R. cylinder top cover filler bolt)		52/		1	1	1
AN	E27N	–995891	Plate (A.C.R. cylinder baffle)		52/		1	1	1
AN	E27N	–995892	Spring (A.C.R. cylinder baffle plate)		52/		1	1	1

ACCESSORIES

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E62-NE-9	Hourmeter assy.		52/		1	1	1
	E93-NE-9	Installation (tachometer)—Kilos		54/56/2		1	1	1
	E684-T-9	Kit (hydraulic single acting valve coupling)—consists of:—(1) E673-T-9 pipe, (1) E675-T-9 bracket, (1) E90-WP-9 coupling, (1) E97-WP-9 cap, (1) E119-WP-9 bolt, (1) EIADKN-994573 seal, (1) 117690-ES nut		11/60/		1	1	–
	E2-WL-9	Clevis (drawbar platform) assy.		52/		1	1	1
	E42-WP-9	Kit (hydraulic single acting valve coupling)		52/60/11		1	1	1
	E268-WP-9	Kit (automatic hitch)		11/60/	For details see page 91	1	1	–
	E16-WR-9	Kit (power steering)		4/57/	For Service details see "Power Assisted Steering Section"	1	1	–
	E17-WR-9	Kit (power Steering)		52/57/4	Use with Tricycle Tractor. For details see "Power Steering"	1	1	–
	EIADDN–405-A	Installation (De Luxe drivers seat)		52/	Except with H.P.L.	1	1	–
	EIADDN–405-B	Installation (De Luxe drivers seat)		52/60/11	Use with H.P.L.	1	1	–
	957E-405-C	Installation (De Luxe drivers seat)		11/60/	Use with H.P.L.	1	1	–
	E27N-1019-B	Wheel (rear) and disc assy.		52/		2	2	2
	E27N-1026-A	Installation (rear wheel spade lug)		52/	Use with 9" wheels	1	1	1
	E27N-1026-C	Installation (rear wheel spade lug)		52/	Use with 4½" wheels	1	1	1
	EIADDN-1078-A	Installation (rear wheel weights)		6/63/	200 lbs.	1	1	1
	EIADDN-1078-B	Installation (rear wheel weights)		6/63/	400 lbs	1	1	1
	EIADDN-1078-C	Installation (rear wheel weights)		6/63/	600 lbs	1	1	1
	E27N-1078-A	Installation (rear wheel weights)		52/63/6	200 lbs	1	1	1
	E27N-1078-B	Installation (rear wheel weights)		52/63/6	400 lbs	1	1	1

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

ACCESSORIES—*continued*

				P	D	V
	E27N-1078-C	Installation (rear wheel weights)	52/63/6	600 lbs	1	1	1
	E27N-1086	Installation (dual rear wheels)	52/		1	1	1
	ME-1163-B	Anti-freeze	52/		As reqd.		
	E1ADDN-7250-A	Installation (power take off)	8/58/		1	1	1
	E1ADKN-7250-C	Installation (power take off)	52/58/8		1	1	1
	E1ADKN-14000-C	Installation (electric lighting)	52/58/8	For Service details see "Electrical System Section"	1	1	1
†	N-17052-A	Pump (tyre) assy.—foot type	52/		1	1	1
†	E1ADKN-17052	Pump (tyre) assy.—spark plug type	52/		1	–	1
†	E27N-17080-A	Jack assy.—less handle	52/		1	1	1
†	N-17125	Gun (lubricating) assy.	52/		1	1	1
	E1ADKN-17250-A	Installation (speedometer)—miles.	52/		1	1	1
	E1ADKN-17250-B	Installation (speedometer)—Kilos	52/		1	1	1
	E1ADKN-115050	Pulley and drive gear assy.	52/	For Service details see Pulley and Drive Gear Section	1	1	1
§	E1ADKN-994551-A	Valve gear (H.P.L.) assy.	52/58/8		1	1	1
	E1ADKN-995177-G	Installation (H.P.L.)	52/60/11		1	1	–
	C3NN-17125-A	Gun (lubricating) assy	52/64		1	1	1
	E2053-T-9	Cartridge - grease gun loading	52/64/*	U. K. only	1	1	1

* For use w/C3NN-17125-A Gun.

KITS AND MISCELLANEA

	EM-4G-47	Compound (jointing)	52/				ar	ar	ar
	EM-4G-52	Sealer (locking)	52/	50 c.c. bottle			ar	ar	ar
	E741-T-9	Kit (hydraulic single acting valve coupling)	2/61/				1	1	–
	E2001-T-9	Kit (Generator Fan & Injection Pump Guard) Consists of:	4/62/64-5	United Kingdom Only			1	1	–
		(1) 957E-N513-A Knob	(1) E1ADDN-8A651-A Extension						
		(1) 957E-N515-A Decal	(1) E1ADDN-B637-A Guard						
		(1) E1ADDN-N516-A Decal	(1) E1ADDN-9N564-A Shroud						
		(1) E1ADDN-8N651-A Extension	(6) 32844-S Screw						
	E2002-T-9	Kit - Starter Drive Clutch Plates Consists of: (5) E83-CQ-9 Plate - Driving (5) E84-CQ-9 Plate - Driven					–	1	–

§ For Service details see "Hydraulic Power Lift Section".
† See Tools and Starting Handle Section

KITS AND MISCELLANEA—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P D V
	E53-WG-9	**Kit (front weights)**		**11/60/**	**For details see "Frame Section"**	**1 1 –**
	E5-WN-1	**Compound (rust preventative)**		**52/**	**1 gallon tins**	**As reqd.**
	E241-WP-9	**Kit (H.P.L. dual category lower link)**		**11/60/**		**1 1 –**
	E5-Z-9	**Kit (brake shoe lining and rivet) – consists of:–** (4) E27N-2021-B, (48) 64664-ES rivets		**52/60/11**		**1 1 1**
	E41-Z-9	**Kit (fuel pump diaphragm and valve) – consists of:–** (2) E11A-9352 valve, (1) E1ADKN-9364 gasket, (1) 11A-9367 gasket, (1) E1ADKN-9374 gasket, (1) E93A-9398 diaphragm		**52/62/4**		**1 1 1**
	E132-Z-1	**Kit (fuel pump diaphragm and valve) consists of:** (2) E11A-9352 Valve. (1) YE-9357 Washer. (1) YE-9364-B Gasket. (1) 11A-9367-A Gasket. (1) YE-9374 Gasket. (1) 100E-9374 Gasket. (1) E04A-9398-B Diaphragm.		54/62/4	Use with 502E-9350	– 1 –
	E197-Z-9	**Kit (governor pneumatic damping valve) – consists of:–** (1) E1ADDN-993113-C valve, (1) E1ADDN-993139-D pipe		**4/57/62/4**		**– 1 –**
	E219-Z-2	**Kit (generator oiler, wick and spring)**		**52/54**		**1 1 1**
	E348–Z-9	Kit (radiator replacement)		8/62/	See "Radiator" section for details - Replaced by E1ADDN-8K004	– 1 –
	E350–Z-9	Kit (radiator replacement)		8/62/	See "Radiator" section for details - Replaced by E1ADN-8K004	1 – –
	CDPN–705-A	Kit - Raised rear P.T.O. Conversion Consists of: (1) E1ADDN-700-A P.T.O. Assy. (1) E1ADDN-K705 Shaft (1) E1ADDN-K713 Bearing (1) N-115609-A Bearing (1) E7-GE-9 Gear (1) E8-GE-9 Retainer (1) E34-GE-9 Ring (1) E1ADKN-7256 Ring (1) E1ADDN-994649 Gear (2) E1ADKN-994664 Ring (1) E20-GE-9 Gasket		6/63/	United States only	1 1 –
		E1ADDN-998 **Kit (H.P.L. pump conversion)**		**11/60/**	**Use with E1ADDN-994630 to replace E1ADKN-994630**	**1 1 1**
		E1ADN/6008-G **Kit (engine overhaul gasket)**		**52/57/4**	**No. 1 on chart**	**1 – –**
		E1ADN-6008-J **Kit (engine overhaul gasket)**		**52/57/4**	**No. 2 on chart**	**1 – –**
		E1ADN–6008-K Kit (engine overhaul gasket)		4/57/64/8	No. 3 on chart	1 – –
		E1ADN–6008-M Kit (engine overhaul gasket)		8/64/	No. 3 on chart	1 – –
		E1ADDN-6008-AA **Kit (engine overhaul gasket)**		**52/57/4**	**No. 4 on chart**	**– 1 –**
		E1ADDN-6008-AB **Kit (engine overhaul gasket)**		**4/57/61/8**	**No. 5 on chart**	**– 1 –**
		E1ADDN-6008-AC **Kit (engine overhaul gasket)**		**∞**	**No. 6 on chart**	**– 1 –**
		E1ADDN-6008-AD **Kit (engine overhaul gasket)**		**4/57/61/8**	**No. 7 on chart**	**– 1 –**
		E1ADDN-6008-AJ Kit (engine overhaul gasket)		52/57/4	No. 8 on chart	– 1 –
		E1ADDN–6008-AK Kit (engine overhaul gasket)		8/61/	No. 9 on chart	– 1 –
		E1ADDN-6008-AL Kit (engine overhaul gasket)			No. 10 on chart	– 1 –
		E1ADDN–6008-AM Kit (engine overhaul gasket)		8/61/	No. 11 on chart Replaces E1ADDN-6008-AH	– 1 –

KITS AND MISCELLANEA—*continued*

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req. P	D	V
	E1ADN-6C037-A	Kit (decarbonizing)		52/57/4	No. 1 on chart	1	–	–
	E1ADDN–6013-C	Kit (Oil Sump & Front Cover Gasket)-Consists of: (1) E1ADDN-6K000-A Gasket, (1) 31ADDN-6020 Gasket (1) 510E-6362 Seal, (1) E1ADKN-6700-A Packing, (2) 508E-6702 Seal, (1) E1ADKN-6728-A Gasket. (1) E86H-6734-A Gasket, (1) 105E-6734 Gasket, (1) E1ADDN-6781-B Kit		52/61/4		1	1	1
	E1ADDN–6013-D	Kit (Oil Sump & Front Cover Gasket)–Consists of: (1) E1ADDN-6K000-C Gasket, (1) E1ADDN-6020 Gasket, (1) 510E-6362 Seal, (2) 508E-6702 Seal, (1) E1ADDN-6707 Packing, (1) E1ADKN-6728-A Gasket, (1) E86H-6734-A Gasket, (1) 105E-6734 Gasket, (1) E1ADDN-6781-B Kit ("B" Kit Only) (1) E1ADDN-6781-C ("D" Kit Only)		4-61/		1	1	1
	E1ADN-6C037-B	Kit (decarbonizing)		4/57/	No. 4 on chart	1	–	–
	E1ADDN-6C037-A	Kit (decarbonizing)		4/57/	No. 5 on chart	–	1	–
	E1ADDN-6C037-B	Kit (decarbonizing)		4/57/59/7	No. 6 on chart	–	1	–
	E1ADDN-6C037-C	Kit (decarbonizing)		4/57/	No. 7 on chart	–	1	–
	E1ADDN-6C037-D	Kit (decarbonizing)		52/53	No. 2 on chart	–	1	–
	E1ADDN-6C037-E	Kit (decarbonizing)		53/57/4	No. 3 on chart	–	1	–
	E1ADKN-6C037	Kit (decarbonizing)		52/57/4	No. 8 on chart	–	–	1
	E1ADKN-6731	Kit (engine oil filter) assy.		52/56/1	Use with Fram type filter	1	1	–
	957E-6731	Kit (engine oil filter) assy.		12/58/		1	1	–
	E1ADDN–8K004	Kit (radiator replacement)		8/62/	See "Radiator" section for details – Replaces E348-Z-9	–	1	–
	E1ADN–8K004	Kit - (Radiator Replacement)		8/62	Replaces E350-Z-9 See "Radiator Section" for details	1	–	–
	E1ADKN-8591	Kit (water pump repair)—consists of:— (1) E1ADKN-8507-A gasket, (1) E1ADKN-8507-B gasket, (1) E1ADKN-8530 shaft, (1) 100E-8550 slinger, (1) E1ADKN-8564 seal, (1) E1ADKN-8576 retainer		52/		1	1	1
	E93A-10043	Kit (generator brush)		52/62/11		1	1	1
	CE-11057	Kit (starter motor brush)—consists of:—(2) brushes		52/		4	–	4
	E1ADDN-11057	Kit (starter motor brush)—consists of:—(4) brushes		52/		–	1	–
	E1ADKN-12259	Kit (spark plug wire)—consists of:— (1) E1ADKN-12282-A wire, (1) E1ADKN-12283-A wire, (1) E1ADKN-12284-A wire, (1) E1ADKN-12285-A wire, (1) E1ADKN-14303 wire		52/		1	–	1
	E1ADKN-18662-B	Kit (engine oil filter assy.)		52/68/12	For details see page 221	1	1	1
	E1ADDN-99162-B	Kit (fuel oil filter element)		52/		–	1	–
	E1ADKN-99529	Kit (carburettor) from adjustable to fixed main jet—consists of:— (1) E1ADKN-9522-B plug, (1) E1ADKN-9534-B jet, (1) E1ADKN-9542-A tube, (1) YE-13512 stop, (1) 20407-S2 bolt, (1) 33798-S2		52		–	–	1
	E1ADKN-995158	Kit (check chain and lower link)—consists of:— (2) E62-QF-9 washer, (2) E1ADKN-995162-B link, (2) E1ADKN-995183-B link, (2) E1ADKN-995191-B eyebolt, (2) 72057-S split pin, (2) 119970-ES7/8 clevis pin		7/56/60/11		1	1	1
	E1ADDN-995200-A	Installation (H.P.L. rear linkage)		11/59/60/11	Less A.C.R.	1	1	–
	E1ADDN-995200-B	Installation (H.P.L. rear linkage)		11/59/60/11	With A.C.R.	1	1	–
	E1ADKN-995200-A	Installation (H.P.L. rear linkage)		52/59/11	Less A.C.R.	1	1	1
	E1ADKN-995200-B	Installation (H.P.L. rear linkage)		52/59/11	With A.C.R.	1	1	1
	E1ADKN-995300-A	Installation (automatic clutch release)		52/60/11	With H.P.L.	1	1	1

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

KITS AND MISCELLANEA—*continued*

P D V

ENGINE DECARBONISING KITS CONTENTS LIST

		1	2	3	4	5	6	7	8
E7–CA-9	Gasket				1				
E2–CH-9	Washer	4	4	4	4	4	4	4	4
E3–CH-9	Washer		2	2					2
E16–CL-9	Washer		4	4		4	4	4	4
EIADDN–6051-C	Gasket	1	1	1		1			1
EIADDN–6051-D	Gasket						1		
EIADDN–6051-E	Gasket							1	
EIADKN–6053	Seal	1	1	1	1	1	1	1	1
EIADKN–6521-A	Gasket	1	1	1	1	1	1	1	1
EOTA–6571-C	Seal	8	8	8	8	8	8	8	8
EIADKN–6584-A	Gasket	1	1	1					1
528E–6584	Gasket				1	1	1	1	1
EIADKN–8587	Gasket	1	1	1	1	1	1	1	1
EIADKN–9441	Gasket								1
EIADKN–9447	Gasket	1			1				1
EIADN–9448-A	Gasket	2							
EIADN–9448-B	Gasket				2				
EIADDN–9448-A	Gasket		2	2					
EIADDN–9448-B	Gasket					2	2	2	
EIADKN–9448-B	Gasket								1
EIADKN–9450-B	Gasket	1	1	1	1	1	1	1	1
52–12410	Gasket	4			4				4
EIADDN–993156-B	Seal		4	4					
EIADDN–993156-C	Seal					4	4	4	
EIADDN–993173-B	Seal		1						

Illus. No.	Part No.	Name of Part	% Scaling	Year Range	Remarks	Qty. Req.

KITS AND MISCELLANEA—*continued*

ENGINE OVERHAUL GASKET KITS CONTENTS LIST

		1	2	3	4	5	6	7	8	9	10	11
E7–CA-9	Gasket			1								
E2–CH-9	Washer	4	4	4	4	4	4	4	4	4	4	4
E3–CH-9	Washer	2	2		2	3	3	3	2	3	3	3
E16–CL-9	Washer				4	4	4	4	4	4	4	4
E8–FG-5	Seal					1	1	1		1	1	1
E1ADDN–6K000-A	Gasket	1			1	1	1	1				
E1ADDN–6K00-C	Gasket		1	1					1	1	1	1
E1ADDN–6020	Gasket	1	1	1	1	1	1	1	1	1	1	1
E1ADDN–6051-C	Gasket	1	1		1	1			1	1		
E1ADDN–6051-D	Gasket						1				1	
E1ADDN–6051-E	Gasket							1				1
E1ADKN–6053	Seal	1	1	1	1	1	1	1	1	1	1	1
510E–6362	Seal	1	1	1	1	1	1	1	1	1	1	1
E1ADKN–6369-B	Gasket	1	1	1	1	1	1	1	1	1	1	1
E1ADKN–6521-A	Gasket	1	1	1	1	1	1	1	1	1	1	1
E0TA–6571-C	Seal	8	8	8	8	8	8	8	8	8	8	8
E1ADKN–6584-A	Gasket	1	1		1				1			
528E–6584-B	Gasket			1		1	1	1		1	1	1
E1ADKN–6700-A	Packing	1			1	1	1	1				
508E–6702	Seal	1	1	1	1	1	1	1	1	1	1	1
E1ADDN–6707	Packing		1	1					1	1	1	1
E1ADKN–6728-A	Gasket	1	1		1				1			
105E–6734	Gasket			1		1	1	1		1	1	1
E86H–6734	Gasket	1	1						1			
E1ADDN–6781-B	Set	1	1	1(K)	1	1	1	1	1	1	1	1(AH)
E1ADDN–6781-C	Set	-	-	1(M)	-	-	-	-	-	-	-	1(AM)
E1ADKN–8507-A	Gasket	1	1		1				1			
E1ADKN–8507-B	Gasket			1		1	1	1		1	1	1
E1ADKN–8587	Gasket	1	1	1	1	1	1	1	1	1	1	1
E1ADDN–9374	Gasket		1	1	1	1		1	1	1		1
Y–9374	Gasket				1	1	1	1	1	1	1	1
E1ADKN–9374	Gasket	1	1		1		1	1	1		1	1
E0TA–9417-A	Gasket				1	1	1	1				
E1ADKN–9447	Gasket	1	1	1								
E1ADN–9448-A	Gasket	2	2									
E1ADN–9448-B	Gasket			2								
E1ADDN–9448-A	Gasket				2				2			
E1ADDN–9448-B	Gasket					2	2	2		2	2	2
E1ADKN–9450-B	Gasket	1	1	1	1	1	1	1	1	1	1	1
E1ADKN–12143	Gasket	1	1	1								
52–12410	Gasket	4	4	4								
E1ADKN–18645	Gasket	1	1	1	1	1	1	1	1	1	1	1
E1ADDN–66610-A	Seal				1	1	1	1	1	1	1	1
E1ADDN–66017	Gasket	1	1	1	1	1	1	1	1	1	1	1
E1ADDN–993156-B	Seal				4				4			
E1ADDN–993156-C	Seal					4	4	4		4	4	4

1. E1ADN–6008-G
2. E1ADN–6008-J
3. E1ADN–6008-K & M
4. E1ADDN–6008-AA
5. E1ADDN–6008-AB
6. E1ADDN–6008-AC
7. E1ADDN–6008-AD
8. E1ADDN–6008-AE
9. E1ADDN–6008-AF
10. E1ADDN–6008-AG
11. E1ADDN–6008-AH & AM

STANDARD PARTS

FINISH OF STANDARD PARTS

The "S" suffix on numbers covering Standard Parts represents the finish of the part as shown by the following list:—

S	Plain
S1	Black paint
S2	Raven finish
S3	Black Japan
S4	Raven finish and black paint
S5	Copper plate
S6	Nickel plate
S7	Cadmium plate
S8	Zinc plate
S9	Blued steel
S10	Tinned
S12	Lacquer to match trim
S13	Chrome plate
S14	Nickel plate—Butler finish
S15	Oxidized
S16	Lead coated
S18	Cyanide hardened
S19	Brass plate
S21	Lacquer for identification
S22	Chrome plate—Butler finish
S23	Rustless steel—head polished
S32E	Phosphate Coated
S91	Rubber
S94	Oil resistant rubber
S100	Special

Part No.	Name of Part
20147-S	5/16"–24 x 1 3/8" hex. head bolt
20301-S2	1/4"–28 x 3/4" hex. head bolt
20303-S7/8	5/16"–24 x 3/8" hex. head bolt
20308-S7/8	1/4"–20 x 1/2" hex. head bolt
20309-S7/8	1/4"–28 x 1/2" hex. head bolt
20310-S7/8	5/16"–18 x 1/2" hex. head bolt
20313-S	3/8"–24 x 1/2" hex. head bolt
20324-S7/8	1/4"–20 x 5/8" hex. head bolt
20325-S7/8	1/4"–28 x 5/8" hex. head bolt
20326-ES2	5/16"–18 x 5/8" hex. head bolt
20326-S7/8	5/16"–18 x 5/8" hex. head bolt
20327-S7/8	5/16"–24 x 5/8" hex. head bolt
20328-S2	3/8"–16 x 5/8" hex. head bolt
20344-S7/8	1/4"–20 x 3/4" hex. head bolt
20345-S7/8	1/4"–28 x 3/4" hex. head bolt
20346-S7/8	5/16"–18 x 3/4" hex. head bolt
20347-S7/8	5/16"–24 x 3/4" hex. head bolt
20348-S2	3/8"–16 x 3/4" hex. head bolt
20349-S2	3/8"–24 x 3/4" hex. head bolt
20350-S	7/16"–14 x 3/4" hex. head bolt
20351-S8	7/16"–20 x 3/4" hex. head bolt
20352-S	1/2"–13 x 3/4" hex. head bolt
20353-S	1/2"–20 x 3/4" hex. head bolt
20364-S7	1/4"–20 x 7/8" hex. head bolt
20365-S2	1/4"–28 x 7/8" hex. head bolt
20366-ES2	5/16"–18 x 7/8" hex. head bolt
20368-S7/8	3/8"–16 x 7/8" hex. head bolt
20369-S7/8	3/8"–24 x 7/8" hex. head bolt
20370-S7/8	7/16"–14 x 7/8" hex. head bolt
20372-S2	1/2"–13 x 7/8" hex. head bolt
20384-S7/8	1/4"–20 x 1" hex. head bolt
20386-ES2	5/16"–18 x 1" hex. head bolt
20387-S7/8	5/16"–24 x 1" hex. head bolt
20388-S2	3/8"–16 x 1" hex. head bolt
20389-S7	3/8"–24 x 1" hex. head bolt
20390-S7/8	7/16"–14 x 1" hex. head bolt
20392-S7/8	1/2"–13 x 1" hex. head bolt
20393-S	1/2"–20 x 1" hex. head bolt
20406-S2	5/16"–18 x 1 1/8" hex. head bolt
20408-S7/8	3/8"–16 x 1 1/8" hex. head bolt
20409-S2	3/8"–24 x 1 1/8" hex. head bolt
20410-S2	7/16"–14 x 1 1/8" hex. head bolt
20412-S7	1/2"–13 x 1 1/8" hex. head bolt
20413-S2	1/2"–20 x 1 1/8" hex. head bolt
20425-S2	1/4"–28 x 1 1/4" hex. head bolt
20426-S2	5/16"–18 x 1 1/4" hex. head bolt
20427-S2	5/16"–24 x 1 1/4" hex. head bolt
20428-S2	3/8"–16 x 1 1/4" hex. head bolt
20430-ESA	7/16"–14 x 1 1/4" hex. head bolt
20431-ES2	7/16"–20 x 1 1/4" hex. head bolt
20432-S	1/2"–13 x 1 1/4" hex. head bolt
20433-S2	1/2"–20 x 1 1/4" hex. head bolt
20444-S4	1/4"–20 x 1 3/8" hex. head bolt
20445-S2	1/4"–28 x 1 3/8" hex. head bolt
20447-S2	5/16"–24 x 1 3/8" hex. head bolt
20448-S7/8	3/8"–16 x 1 3/8" hex. head bolt
20449-S2	3/8"–24 x 1 3/8" hex. head bolt
20450-S7/8	7/16"–14 x 1 3/8" hex. head bolt
20452-S2	1/2"–13 x 1 3/8" hex. head bolt
20466-S2	5/16"–18 x 1 1/2" hex. head bolt
20466-ES2	5/16"–18 x 1 1/2" hex. head bolt

STANDARD PARTS

Part No.	Name of Part
20468-S7	3/8"–16 x 1 1/2" hex. head bolt
20469-S2	3/8"–24 x 1 1/2" hex. head bolt
20470-S	7/16"–14 x 1 1/2" hex. head bolt
20471-S2	7/16"–20 x 1 1/2" hex. head bolt
20472-S	1/2"–13 x 1 1/2" hex. head bolt
20484-S2	1/4"–20 x 1 5/8" hex. head bolt
20485-S	1/4"–28 x 1 5/8" hex. head bolt
20486-S2	5/16"–18 x 1 5/8" hex. head bolt
20488-S7/8	3/8"–16 x 1 5/8" hex. head bolt
20490-S	7/16"–14 x 1 5/8" hex. head bolt
20492-S	1/2"–13 x 1 5/8" hex. head bolt
20504-S2	5/16"–18 x 1 3/4" hex. head bolt
20510-S	1/2"–13 x 1 3/4" hex. head bolt
20515-S2	3/8"–24 x 1 7/8" hex. head bolt
20517-S	7/16"–20 x 1 7/8" hex. head bolt
304816-S8	7/16" - 20 x 1-7/8" special hex head bolt
20521-S7/8	5/16"–24 x 2" hex. head bolt
20524-ES	7/16"–14 x 2" hex. head bolt
20525-S2	7/16"–20 x 2" hex. head bolt
20528-S	3/8"–16 x 2 1/8" hex. head bolt
20532-S2	1/2"–13 x 2 1/8" hex. head bolt
20536-S	7/16"–14 x 2 1/4" hex. head bolt
20537-S	7/16"–20 x 2 1/4" hex. head bolt
20546-S2	7/16"–14 x 2 1/2" hex. head bolt
20547-S4	7/16"–20 x 2 1/2" hex. head bolt
20550-S	7/16"–14 x 2 3/4" hex. head bolt
20551-S2	7/16"–20 x 2 3/4" hex. head bolt
20555-S	7/16"–20 x 3" hex. head bolt
20557-ES2	1/2"–20 x 2 7/8" hex. head bolt
20879-S8	7/16"–20 x 1 3/4" hex. head bolt
20883-S8	7/16"–20 x 2 1/8" hex. head bolt
20908-S2	9/16"–12 x 3/4" hex. head bolt
20936-S2	9/16"–12 x 1" hex. head bolt
21026-S	9/16"–12 x 1 1/8" hex. head bolt
21044-S	9/16"–12 x 1 1/4" hex. head bolt
21053-S	9/16"–12 x 1 7/8" hex. head bolt
21062-S	9/16"–12 x 2" hex. head bolt
21080-S	9/16"–12 x 2 1/4" hex. head bolt
21442-ES8	7/16"–14 x 1 3/4" hex. head bolt
21446-ES7/8	7/16"–14 x 2 1/2" hex. head bolt
21459-ES7/8	7/16"–14 x 1 1/8" hex. head bolt
21470-ES	5/16"–24 x 7/8" hex. head bolt
22127-ES2	1/2"–13 x 6 1/4" hex. head bolt
21587-ES2	5/16"–18 x 4" hex. head bolt
22298-ES	1/2"–20 x 2 1/8" hex. head bolt (end drilled)
22306-ES	3/8"–24 x 2 1/4" hex. head bolt (end drilled)
22391-ES	3/4"–16 x 4" hex. head bolt (end drilled)
22451-ES	3/4"–16 x 5 3/4" hex. head bolt (end drilled)
22513-ES2	3/8"–16 x 7/8" hex. head bolt (drilled head)
22613-ES2	5/16"–24 x 3/4" hex. head bolt (drilled head)
23017-S16	5/16"–18 x 1 1/4" square head bolt
23103-ES	3/4"–10 x 3 1/2" special square head bolt
23108-S	1/2"–13 x 3 3/4" square head bolt
23438-S2	5/16"–18 x 1 1/4" carriage bolt
23569-S	5/8"–18 x 2 3/4" carriage bolt
24649-S7	1/4"–20 x 5/8" flat head screw
25231-S8	10-32 x 1/2" flat head screw
26466-S7	No. 6–32 x 1/4" round head screw
26467-S7/8	No. 8–32 x 3/8" round head screw
26512-S2	No. 8–32 x 3/4" round head screw
27068-S7	No.10–32 x 3/8" round head screw
27081-S2	No.10–32 x 1/2" round head screw
27084-S7/8	9/16"–24 x 1/2" round head screw
27097-S7	No.10–32 x 5/8" round head screw
27113-S4	No.10–32 x 3/4" round head screw
27129-S7	No.10–32 x 7/8" round head screw
27153-S7	No.10–32 x 1 1/8" round head screw
27161-S7/8	No.10–32 x 1 1/4" round head screw
28949-S2	1/4"–28 x 5/8" oval head screw
31048-S	1/4"–20 x 3/8" fillister head screw
31081-S2	5/16"–18 x 5/8" fillister head screw
31583-S7/8	No.10–32 x 1/4" fillister head screw
31612-S7/8	No. 10–32 x 1/2" fillister head screw
31628-S7/8	No.10–32–5/8" fillister head screw
32924-S7/8	No. 10–12 x 1/2" pan head screw
33177-S	No.10–16 x 3/8" pan head self-tapping screw
33198-S7/8	No. 10–16 x 3/4" pan head screw
33458-S7/8	No.10–16 x 1/4" pan head self-tapping screw
33795-S7	1/4"–20 hex. nut
33796-S7/8	1/4"–28 hex. nut
33797-S7	5/16"–18 hex. nut
33797-S16	5/16"–18 hex. nut
33798-S7/8	5/16"–24 hex. nut
33799-S7	3/8"–16 hex. nut
33800-S7/8	3/8"–24 hex. nut
33800-ESA	3/8"–24 hex. nut
33828-S	3/8"–24 hex. nut
33836-ESB	5/8"–18 special hex. nut
33845-S7/8	1/2"–13 hex. nut
33846-S2	1/2"–20 hex. nut
33847-S2	9/16"–12 hex. nut
33848-ES	9/16"–26 Whit.special hex. nut
33849-S	5/8"–11 hex. nut
33850-S2	5/8"–18 hex. nut
33879-S7/8	5/16"–24 hex. nut
33884-S2	5/8"–18 hex. nut–thick
33896-S	5/16"–18 wing nut
33911-ES2	3/8"–24 hex. check nut
33920-S	1/4"–20 hex. check nut
33921-S7/8	1/4"–28 hex. check nut
33922-S	5/16"–18 hex. check nut
33923-S7/8	5/16"–24 hex. check nut
33924-S2	3/8"–16 hex. check nut
33947-S	5/8"–18 hex. check nut
33979-S	3/8"–24 thin slotted hex. nut
33983-S2	1/2"–20 thin slotted hex. nut
33987-S	5/8"–18 thin slotted hex. nut
34034-S18	5/8"–18 slotted hex. nut
34052-S7/8	No. 8–32 hex. nut
34055-S8	1/4"–20 hex. nut
34079-S7/8	No. 10–32 hex. nut
34097-S2	3/8"–16 square nut
34111-S2	7/16"–20 square nut
34127-S7/8	No. 10–24 square nut
34141-S7	No. 10–32 plain square nut

STANDARD PARTS

Part No.	Name of Part
34420-ES2B	5/8"–24 hex. self-locking nut
34420-ES2C	5/8"–24 hex. self-locking nut
34422-ES	7/16"–20 hex. self-locking nut
380823-S43	1/2"-20 hex. self-locking nut
34428-ES2-C	5/8"–18 hex. self-locking nut
34441-ES7/8-A	1/4"–28 hex. self-locking nut
34443-ES2C	5/16"–24 hex. self-locking nut
34445-ES2B	5/8"–24 hex. self-locking nut
34445-ES7/8-A	5/8"–24 hex. self-locking nut
34447-S	7/16"–20 hex. self-locking nut
34447-ESA	7/16"–20 hex. special self-locking nut
34447-ES2B	7/16"–20 hex. special self-locking nut
34447-ES2D	7/16"–20 hex. self-locking nut
34449-ES2A	1/2"–20 hex. self-locking nut
380135-S43	1/2"-20 hex. self-locking nut
34671-S34	7/16"-20 hex. nut
34674-S	1/4"–10 hex. nut
34679-ES	1"–14 hex. nut
34682-S2	7/16"–10 hex. nut
34690-S2	7/16"–20 hex. nut
34692-S	1/4"–16 hex. nut
34747-ES2A	5/8" flat washer
34747-ES2B	5/8" flat washer
34801-S7/8	No. 6 medium lockwasher
34802-S7/8	No. 8 heavy lockwasher
34803-S7/8	No.10 lockwasher
34781-S	5/16" lockwasher
34805-S7/8	1/4" lockwasher
34806-S7/8	5/16" lockwasher
34807-S7	3/8" lockwasher
34808-S7/8	7/16" lockwasher
34809-S7	1/2" lockwasher
34810-S2	9/16" lockwasher
34811-S7/8	5/8" lockwasher
34813-S	3/4" lockwasher
34814-S	7/8" lockwasher
34815-S	1" lockwasher
34825-S7/8	1/4" light lockwasher
34826-S7	5/16" light lockwasher
34823-S7/8	No. 10 light lockwasher
34827-S7	3/8" light lockwasher
34828-S7	7/16" light lockwasher
34843-S	No. 10 heavy lockwasher
34846-S7	5/16" heavy lockwasher
34847-ES2	3/8" heavy lockwasher
34901-S7/8	No. 6 shakeproof washer–internal teeth
34902-S7/8	No. 8 shakeproof washer–internal teeth
34903-S7	No.10 shakeproof washer–internal teeth
34904-S2	1/4" shakeproof washer–internal teeth
34905-S8	1/4" shakeproof washer–internal teeth
34907-S7	5/16" shakeproof washer – internal teeth
34909-S	1/2" shakeproof washer–internal teeth
34910-S7/8	9/16" shakeproof washer–internal teeth
34911-S7/8	5/8" shakeproof washer–internal teeth
34913-S	3/4" shakeproof washer – internal teeth
34918-S	1/4" heavy shakeproof washer–internal teeth
34938-S	No. 8 shakeproof washer–external teeth
34940-S7	1/4" shakeproof washer–external teeth
34941-S7	5/16" shakeproof washer–external teeth

Part No.	Name of Part
34942-S7	3/8" shakeproof washer–external teeth
34943-S	7/16" shakeproof flat washer–external teeth
34954-S7/8	1/4" shakeproof c'sunk washer–external teeth
34956-S7	5/16" shakeproof c'sunk washer–external teeth
34970-ES7/8	No.10 countersunk washer
36024-S7/8	1/4"–10 x 5/8" flat head pointed screw
36824-S	1/4"–20 x 1/2" round head pointed screw
36868-S2	1/4"–20 x 3/4" round head pointed screw
38203-S7	No. 8–32 x 1/2" pan head screw
38206-S7/8	1/4"–20 x 1/2" pan head screw
38229-S7/8	1/4"–28 x 5/8" pan head screw
39061-S7/8	1/4" – 20 x 9/16" pan head screw
42759-S2	5/16"–18 x 3/4" screw and lockwasher
42912-S	1/4" – 20 x 3/4" hex. head bolt – self locking
43049-S	7/16" – 14 x 2 1/8" hex. head bolt – self locking
43068-ES	7/16"–20 x 1 1/4" special self locking hex. head bolt
44705-S8	No. 4 flat washer
44713-S7/8	No.10 flat washer
44719-S7/8	1/4" flat washer
44720-S7/8	1/4" flat washer
44722-ES7/8	11/16" O.D. x 5/16" I.D. x 7/64" special flat washer
44723-S8	3/8" flat washer
44724-S7/8	5/16" flat washer
44725-S	5/16" flat washer
44726-S7/8	3/8" flat washer
44728-S7/8	3/8" flat washer
44730-S2	7/16" flat washer
44731-S2	7/16" flat washer
44732-S2	7/16" flat washer
44734-S	1/2" flat washer
44736-S2	1/2" flat washer
44742-S8	5/8" flat washer
44751-S	7/8" flat washer
44819-S	1/4" flat washer–brass
45142-ES	No. 10–12 special nut
45187-ES	No.10 – 12 special nut
45302-S	1/4"–16 thin slotted hex. nut
45304-S	7/8"–14 thin slotted hex. nut
45506-S2	1/4" – 20 x 2 1/8" hex. head bolt
45510-S2	1/4" – 20 x 2 1/4" hex. head bolt
45516-S2	5/16"–18 x 2 1/4" hex. head bolt–wire size body
45520-S8	5/16"–18 x 2 1/2" hex. head bolt
45521-S2	5/16"–24 x 2 1/2" hex. head bolt–wire size body
45522-S	3/8"–16 x 2 1/2" hex. head bolt
45532-S2	5/16" – 18 x 3" hex. head bolt
45540-S2	3/8" – 16 x 3 1/4" hex. head bolt
45606-S2	7/16" – 14 x 5" hex. head bolt
45712-S2	5/8"–11 x 1" hex. head bolt
45740-S2	5/16" – 11 x 1 1/2" hex. head bolt
45741-S8	5/8" – 18 x 1 1/2" hex. head bolt
45747-S	5/8"–11 x 1 5/8" hex. head bolt
45754-S	5/8"–11 x 1 3/4" hex. head bolt
45775-S	5/8"–11 x 2 1/8" hex. head bolt
45797-S7/8	5/8" – 18 x 2 1/2" hex. head bolt

STANDARD PARTS

Part No.	Name of Part
45804-S2	5/16"–18 x 2¼" hex. head bolt
45811-S	5/16"–18 x 3" hex. head bolt
45812-S	½" – 10 x 3" hex. head bolt
45833-S	½" – 10 x 3¼" hex. head bolt
50055/S7/8	¼"–18 x 1" crossed recessed flat head screw
52389-S7/8	No. 10 – 12 x 1½" oval head screw
52743-S7/8	No.10–12 x ¾" crossed recess pan head screw
54046-S7/8	No.10–24 x ¾" fillister head screw
54652-S2	No. 10 – 24 x ½" hex. head screw
54664-S2	No. 10 – 24 x 9/16" hex. head screw
54676-S2	No. 10 – 24 x 5/8" hex. head screw
60006-ES	5/32" x 3/16" flat head rivet
60311-S	5/32" x ¼" round head rivet
60540-S	3/16" x 1½" round head rivet
60551-S	3/16" x 15/8" round head rivet
60564-S	¼" x 1¼" round head rivet
61579-S	¼" x 1⅜" button head rivet
61794-S	3/16" x 5/16" truss head rivet
62383-S	⅜" x 1⅜" flat c'sunk head rivet
62409-S	5/16" x 1¾" flat head rivet
63309-S7/8	⅛" x 5/16" oval head tubular rivet
63345-S7	3/16" x 7/16" oval head tubular rivet
64664-ES	11/64" x 3/8" flat c'sunk head tubular rivet—brass
72000-S	1/16" x ⅜" split pin
72003-S	1/16" x ½" split pin
72004-S2	3/64" x ½" split pin
72008-S	1/16" x 5/8" split pin
72009-S	3/32" x 5/8" split pin
72010-S	⅛" x 5/8" split pin
72015-S7/8	1/16" x ¾" split pin
72016-S	3/32" x ¾" split pin
72017-S	⅛" x ¾" split pin
72024-S	1/16" x ⅞" split pin
72026-S7/8	⅛" x ⅞" split pin
72033-S	1/16" x 1" split pin
72034-S	3/32" x 1" split pin
72035-S	⅛" x 1" split pin
72052-S	3/32" x 1¼" split pin
72053-S	⅛" x 1¼" split pin
72057-S	¼" x 1¼" split pin
72062-S2	⅛" x 1⅜" split pin
72071-S	⅛" x 1½" split pin
72073-S	3/16" x 1½" split pin
72090-S	5/32" x 1¾" split pin
72095-S	⅜" x 1¾" split pin
72145-S	3/16" x 2½" split pin
72148-S	5/16" x 2½" split pin
72191-ESB	¼" x ½" groove pin—tapered end
72264-S7/8	3/16" x 1⅛" groove pin
72266-S2	¼" x 1⅛" groove pin
72275-S	¼" x 1¼" groove pin
72396-S	¼" x 9/16" dowel pin
72839-S	3/16" x 11/16" dowel pin
73241-S	3/32" x 9/16" dowel pin
73296-ES	¼" x ⅞" dowel pin

Part No.	Name of Part
73385-S18	⅛" x 1⅞" dowel pin
73859-S	1/16" x 5/8" clevis pin
73870-S	¼" x ¾" clevis pin
73877-S7/8	¼" x 25/32" clevis pin
73904-S	5/16" x 1" clevis pin
73905-S7/8	⅜" x 1" clevis pin
73907-S18	½" x 1" clevis pin
73911-S	5/16" x 1/16" clevis pin
73919-S7/8	⅜" x 1⅛" clevis pin
73921-S18	½" x 1 3/32" clevis pin
72928-S	½" x 1 3/16" clevis pin
73934-S7/8	⅜" x 1¼" clevis pin
73951-S7	½" x 1⅜" clevis pin
73988-S7	½" x 1 23/32" clevis pin
74006-S7	5/16" x 1⅞" clevis pin
74014-S	3/8" x 1 15/16" clevis pin
74021-S8	⅜" x 2" clevis pin
74039-S7/8	3/8" x 2 3/32" clevis pin
74051-S	½" x 2¼" clevis pin
74060-S7/8	3/8" x 2 9/32" clevis pin
74089-S	5/16" x 2⅞" clevis pin
74109-ES	.49" expansion plug
74113-S	¼" expansion plug
74147-ES	¾" x 5/32" Woodruff key
74150-S	3/16" x ⅞" Woodruff key—soft
74164-S	¼" x 1½" Woodruff key—soft
74172-S	½" x ⅛" Woodruff key—hard
74172-ES	½" x ⅛" special Woodruff key
74174-ES	¼" x 5/8" Woodruff key—hard
74175-S	5/32" x 5/8" Woodruff key—hard
74178-S	⅛" x ¾" Woodruff key
74180-S	⅞" x 3/16" Woodruff key—hard
74181-S	¼" x ⅞" Woodruff key—hard
74211-ES	⅜" button plug
74217-ES	9/16" button plug
76045-S2	7/16" x 1 15/16" clevis pin
76175-S2	3/16" x 29/32" clevis pin
76176-S2	¼" x 29/32" clevis pin
76477-S7/8	½" x 2 29/64" clevis pin
76561-ES7/8	½" x 2 25/32" clevis pin
87006-ES	.312" I.D. x .070" thick "O" ring
87008-ES	.375" I.D. x .070" thick "O" ring
87010-ES	.437" I.D. x .070" thick "O" ring
87012-ES	31/64" x 41/64" x 3/64" "O" ring
87016-ES	.625" I.D. x .070" thick "O" ring
87031-S91	.375" x .103" thick "O" ring
87032-ES	7/16" I.D. x 7/64" thick "O" ring
87033-ES	.500" I.D. x .103" thick "O" ring
87034-ES	.562" I.D. x .103" thick "O" ring
87035-ESA	.625" I.D. x .103" thick "O" ring
87036-ES	.687" I.D. x .103" thick "O" ring
87037-S91	.750" I.D. x .103" thick "O" ring
87038-ES	.812" I.D. x .103" thick "O" ring
87039-S91	53/64" x 1 5/64" x 7/64" "O" ring
87040-S91	15/16" I.D. "O" ring
87050-S91	.812" I.D. x .139" thick "O" ring

STANDARD PARTS

Part No.	Name of Part
87051-ES	7/8" I.D. x 9/64" thick "O" ring
87053-ES	1" I.D. x .139" thick "O" ring
87054-ES	1.062" I.D. x .139" thick "O" ring
87057-ES	1.25" I.D. x .139" thick "O" ring
87076-ES	2.875" I.D. x .139" thick "O" ring
87933-ES7/8	1/4" lubricator – check valve – drive fit
88363-S2	5/16" – 18, 5/16" – 24 x 1 1/8" stud
88376-S	5/16" – 18, 5/16" – 24 x 1 5/16" stud
88390-ES2	1/4" – 28, 1/4" – 20 x 1 1/2" stud
88393-S	7/16" – 20, 7/16" – 14 x 1 1/2" stud
88397-S	3/8" – 24, 3/8" – 16 x 1 9/16" stud
88405-S	1/4" – 28, 1/4" – 20 x 1 11/16" stud
88412-S	3/8" – 24, 3/8" – 16 x 1 1/4" stud
88434-S	1/2" – 20, 1/2" – 13 x 2" stud
88485-ES	1/4" – 28, 1/4" – 20 x 2 11/16" stud
89757-S	1/4" – 28 x 3/8" headless, cone pointed screw
97012-ES2B	5/16" adjustable clevis
97013-S	3/8" - 24 adjustable clevis
97015-S2	1/2" – 20 adjustable clevis
113201-ES	41/64" I.D. x 2" O.D. x 5/16" thick flat washer
113223-ES	13/32" I.D. x 3/4" O.D. x 5/64" thick flat washer
113303-ES2	21/64" I.D. x 5/8" O.D. x 5/64" thick flat washer
113575-ES	No. 10 – 32 x 1/4" fillister head screw
113589-ES	5/8" – 18 x 1 3/8" hex. head bolt
113596-ES	3/4" – 10 x 4 1/4" square head bolt
113608-ES	tension bolt
113625-ES	3/8" – 16 special bolt
113633-ES	No. 8 x 1/2" long pan head screw
113647-ES	5/8" – 16 x 1 1/8" hex. head bolt
113659-ES	No. 10 – 24 x 27/64" hex. head bolt
113661-ES	5/16" – 18 x 29/32" hex. head bolt
113663-ES	5/16" – 24 x 2 5/32" hex. head bolt
113765-ES	5/16" – 24, 5/16 – 18 x 1 3/8" long stud
113773-ES	3/8" – 24, 3/8" – 16 x 1 1/2" stud
113774-ES	1/2" – 13, 1/2" – 20 x 2 1/4" long stud
113810-ES	1/4" x 1 1/4" spring clip
114019-ES	5/16" – 22 B.S.F. hex. nut
114101-ES	1/4" tubing nut
114751-ES	1/4" dia. "E" clip
114752-ES	3/8" dia. "E" clip
114753-ES	5/32" dia. "E" clip
114755-ES	1/4" I.D. x 1/2" O.D. x .025" "E" clip
114756-ES	13/32" I.D. x 51/64" O.D. x .042" "E" clip
115003-ES	.185" x .68 tapered key
115005-ES	.307" x .1375" x .0943" Woodruff key
115006-ES	Woodruff key
115008-ES	1/4" x 1 5/32" Woodruff key
115100-ES	1/4" – 28 lubricator—straight
115201-ES	1/16" thread cutting fastener
115202-ES2	1/8" thread cutting fastener
115469-ES	Plug 2-13/64 Dia.
115470-ES	2-13/64 expansion plug
115504-ES	2 5/8" I.D. external circlip
115508-ES	9/16" I.D. external circlip
115509-ES	40 mm. internal circlip
115510-ES	.067" I.D. circlip
115511-ES	5/16" I.D. external circlip

Part No.	Name of Part
115605-ES	7/16" – 20 x 1 1/4" hex. head bolt
115607-ES	No. 2 B.A. x .314" screw cheese head
115528-ES	7/8" I.D. circlip
115639-ES	5/16" – 18 x 1 5/8" hex. head bolt—special
115656-ES	7/16" B.S.F. x 1.625" hex. head bolt
115674-ES7/8	No. 10 – 12 3/8" pan head screw
115682-ES7/8	3/8" – 24 x 7/8" special carriage bolt
115683-ES7/8	3/4" – 24 x 7/8" hex. head special
115725-ES7/8	No. 4 B.A. x .219" screw and washer
115765-ES	3/8" – 16 x 1 1/16" hex. head screw and washer
115783-ES8	1/8" B.S.F. x 1 1/4" hex. head bolt—cone pointed
115819-ES8	7/16" – 14 x 1 1/4" hex. head bolt
115851-ES	1/4" – 28 x 1" hex. head bolt—special
115903-ES	3/8" – 24 x 4 7/32" square head bolt
115904-ES	3/8" – 24 x 4 7/32" square head bolt
115917-ES7/8	7/16" – 20 x 2 1/2" hex. head bolt
115921-ES	5/16" – 24 x 1 27/64" hex. head bolt
115927-ES7/8	7/16" – 14 x 1 7/8" hex. head bolt
115973-ES7/8	7/16" – 14 x 2 1/4" hex. head bolt
115974-ES7/8	7/16" – 14 x 2 3/4" hex. head bolt
115984-ES	9/16" – 24 x 7/8" bolt
116006-ES	3/4" flat washer—copper
116022-ES	1" I.D. x 1.16" O.D. x .06" flat washer
116032-ES	7/64" I.D. x 17/64" O.D. x 1/16" flat washer—rubber
116036-ES	.970" I.D. x 2.323" O.D. x .056" flat washer
116037-ES	.562" I.D. x 1" O.D. x .020" flat washer
116046-ES	23/32" I.D. x 1 7/64" O.D. x 1/32" flat washer
116047-ES	25/64" lockwasher
116048-ES	.45" I.D. x 1.12" O.D. x .043" cup spring washer
116049-ES	7/8" I.D. x 1 9/32" O.D. x 5/64" flat washer
116050-ES	7/8" I.D. x 1 1/4" O.D. x 1/16" flat washer
116051-ES	5/16" I.D. x 3/4" O.D. x 7/64" flat washer
116053-ES	5/16" I.D. x 5/8" O.D. x 1/64" thick washer
116069-ES7/8	3/8" I.D. x 7/8" O.D. x .084" flat washer
116074-ES	5/8" I.D. x 1" O.D. x 9/32" flat washer
116087-ES	13/32" I.D. x 5/8" O.D. x 1/16" flat washer—aluminium
116098-ES	3/8" I.D. x 11/64" O.D. x 1/8" flat washer—rubber
116141-ES	5/16" I.D. x 1/2" O.D. x 1/16" flat washer
116147-ES	1/4" I.D. x 1/2" O.D. x 1/16" flat washer
116148-ES	13/32" I.D. x 37/64" O.D. x 1/16" flat washer
116207-ES7/8	17/64" I.D. x 15/32" O.D. x 1/64" thick washer
116209-ES	11/32" lockwasher
116214-ES	25/64" I.D. x 1" O.D. x 1/32" flat washer
116215-ES	1 1/16" I.D. x 1 1/2" O.D. x 1/32" flat washer
116241-ES	17/32" I.D. x 1 1/4" O.D. x 3/16" flat washer
116312-ES	3/16" x .92" groove pin
116316-ES	3/16" x 57/64" spring tension pin
116324-ES	3/16" x 3/4" dowel pin
116326-ES	3/8" dia. x 1 1/4" tension pin
116339-ES	3/32" dia. x 39/64" pin
116340-ES	1/8" x 3/4" straight pin
116345-ES	3/8" x 1 13/32" clevis pin
116347-ES7/8	5/8" x 3 9/16" clevis pin
116352-ES7/8	special clevis pin

STANDARD PARTS

Part No.	Name of Part
118128-ES	13/64" I.D. x 7/16" O.D. special brass washer
118131-ES	13/64" I.D. x 15/32" O.D. special flat washer
118135-ES	.75" O.D. x .205" I.D. x .195" flat washer
118140-ES	1/4" insulated washer
118148-ES	9.9mm. O.D. x 6.75mm. I.D. special washer
118149-ES	.252" I.D. x 7/16" O.D. x .032" lockwasher
118150-ES	.257" I.D. x 3/8" O.D. special flat washer
118154-ES	3/8" O.D. x 1/4" I.D. special fibre washer
118171-ES	21/64" I.D. x 5/8" O.D. x 5/64" flat washer—aluminium
118173-ES7/8	21/64" I.D. x 5/8" O.D. x 1/16" flat washer
118176-ES7	5/16" washer—ribbed
118193-ES	.88" O.D. x .42" I.D. x .12" thick flat washer
118194-ES	25/64" I.D. x 9/16" O.D. x 1/32" thick flat washer
118199-ES7	.260" I.D. x .460" O.D. x .021" c'sunk washer
118203-ES2	No.2 BA interval tooth lockwasher
118209-ES	7/16" double coil spring washer
118216-ES	1/2" x 17/64" x 1/16" flat washer
118228-ES	1/2" special flat washer
118231-ES	33/64" I.D. x 1" O.D. x 3/64" flat washer—fibre
118278-ES	27/64" lockwasher
118280-ES	Brake drum retaining washer
118281-ES7/8	3/16" I.D. x 3/8" O.D. x 1/32" flat washer
118298-ES8	special lockwasher
118299-ES	45/64" I.D. x 1 1/16" O.D. x 1/16" flat washer—fibre
118302-ES	3/4" washer
118326-ES7	.640" I.D. x 1.62" O.D. x .25" flat washer
118344-ES	29/32" I.D. x 1 3/16" O.D. x 3/4" thick washer
118346-ES	7/8" I.D. x 1 3/16" O.D. x 3/64" thick washer
118367-ES	1/4" I.D. x 3/4" O.D. x 3/64" thick flat washer
118383-ES	1 1/16" I.D. x 1 1/2" x 59/64" thick flat washer
118385-ES	1" I.D. x 1 1/2" O.D. x 7/32" thick washer
118392-ES18	.208" I.D. x .547" O.D. x .056" flat washer—special
118399-ES	1 25/64" I.D. x 1 11/16" O.D. special flat washer
118511-ES2	.38" O.D. pipe clip
118524-ES	3/16" cable clip
118536-ES	1/4"/5/16" dual pipe clip
118561-ES2	5/16" cable clip
118565-ES3	3/8" O.D. pipe clip
118583-ES	wiring clip
118586-ES	wiring clip
118656-ES	No. 2 B.A. x 5/16" headless set screw
118662-ES7/8	No.2 BA. x 1/2" round head screw
118663-ES7/8	No. 4 B.A. x 17/64" special slotted head screw
118667-ES	No. 2 B.A. x 11/16" special cheese head screw
118673-ES7/8B	No. 4 B.A. x 5/16" round head screw
118681-ES7/8	No.4 B.A. x 1/2" screw-recessed hd.-and washer assy
118683-ES7	No. 3 B.A. x 1 7/8" hex. head screw
118688-ES7/8	No.5 B.A. x 1/2" fillister head screw
118703-ES	No.2 B.A. x 1/2" flat countersunk head screw
118739-ES	7/16"–20 x 1 7/8" special thin hex. head bolt
118743-ES7/8	No. 2 B.A. x 5/8" hex. head bolt

Part No.	Name of Part
116353-ES7/8	1/4" x 7/8" dowel pin— end drilled
116359-ES7/8	3/4" x 2 1/2" clevis pin
116503-ES	1 3/4" I.D. x .135" thick "O" ring
116504-ES	2" I.D. x .135" thick "O" ring
116505-ES	.549" I.D. x .103" thick "O" ring
116506-ES	2.55" I.D. x .103" thick "O" ring
116513-ES	4.197" I.D. x .103" thick "O" ring
116514-ES	3.995" I.D. x .139" thick "O" ring
116516-ES	.432" I.D. x .070" thick "O" ring
116517-ES	1.635" I.D. x .139" thick "O" ring
116518-ES	3.25" I.D. x .139" thick "O" ring
116519-ES	.945" I.D. x .103" thick "O" ring
116521-ES	.605" I.D. x .100" thick "O" ring
116522-ES	1.365" I.D. x .139" thick "O" ring
116530-ES	.79" I.D. x .103" thick "O" ring
116533-ES-A	4.40" I.D. x .095" thick "O" ring
116534-ES-A	4.332" I.D. x .188" thick "O" ring
117224-ES	.20" x .25" pip rivet—domehead
117232-ES	.20" x .49" rivet—aluminium
117243-ES7/8	1/8" x 1/4" oval hd. semi-tubular rivet
117244-ES7/8	1/8" x 3/8" oval hd. semi-tubular rivet
117314-ES	13/32" x 3/16" flat c'sunk head rivet—tubular
117325-ESA	1/4" x 29/64" flat c'sunk head rivet
117453-ES	5/16" – 18 5/16" – 24 x 1 3/64" stud
117514-ES7/8	No.4 BA hex. nut
117515-ES	No.2 BA-35 'T' type hex. nut
117517-ES7/8	No. 2 B.A. hex. nut
117532-ES32A	No.10-12 spring nut
117535-ES	No. 10 – 32 special hex. nut
117543-ES7/8	No. 12 – 24 special self-locking nut
117572-ES	3/16" dia. tubing brass nut
117596-ES	1/4" B.S.F. special square nut
117600-ES7	5/16" special hex. nut
117603-ES	5/16" – 22 B.S.F. hex. nut
117606-ES7/8	5/16" tubing nut
117608-ES8	5/16" – 24 hex. nut
117611-AI-ES7	1/4" – 28 wing nut – ribbed
117654-ES	3/8" B.S.F. special hex. nut
117657-ES32	1/4" x 20" "U" nut
117680-ES	1" – 26 Whit. hex. nut L.H. thread
117685-ES7/8	1/4" – 28 special self-locking nut
117690-ES	1/2" B.S.P. coupling nut
117691-ES	1/2" – 20 hex. nut—slotted
117732-ES2	5/8" special spring nut
117744-ES7	1/8" B.S.F. hex. nut
117757-ES7/8	1/2" – 20 hex. nut
117764-ES	3/4" – 20 hex. nut
117778-ES	19 mm. – 1.25 mm. pitch special lock nut
117796-ES7/8	No. 2 B.A. locking nut
117812-ES	clip
117818-ES2	clip
118104-ES7/8	9/32" I.D. x 5/16" O.D. x 1/32" thick washer
118105-ES7	No. 2 B.A. flat washer
118107-ES7	9/32" I.D. x 1/32" flat washer — brass
118116-ES	9/32" I.D. x 11/32" O.D. x 1/32" thick washer
118126-ES	.15" I.D. special lockwasher

STANDARD PARTS

Part No.	Name of Part
118767-ES	1/4" B.S.F. x 11/32" special headless set screw
118771-ES	1/4"–20 x .69" special fillister head screw
118780-ES2	1/4"–20 x 5/8" flat slotted countersunk head screw
118781-ES	1/4"–28 x 63/64" square head screw
118788-ES2	1/4"–20 x 5/8" hex. head bolt—head drilled
118810-ES2	5/16" B.S.F. x 1" special hex. head bolt
118822-ES7	5/16"–20 x 1 1/8" carriage bolt
118828-ES2	Injector lifting bar screw
118830-ES	5/16"–18 x 1 1/8" special hex. head bolt
118844-ESB	5/16" – 24 x 1 1/4" hex. head bold—head drilled
118861-ES	3/8"–16 x 17/32" recessed head screw
118876-ES	3/8" B.S.F. x 3 7/8" hex. head bolt
118884-ES	3/8"–24 x 2 9/16" hex. head special bolt
118887-ES	3/8" x 1 1/4" hex. head bolt
118904-ES	7/16"–14 x 2" special drilled head bolt
118905-ES	7/16"–14 x 2 1/8" special drilled head bolt
118906-ES	7/16"–14 x 4 1/4" special hex. head bolt
118908-ES	7/16"–20 x 1" square head bolt
118913-ES7/8	7/16" – 20 x 1 1/4" bolt
118936-ES7/8	1/4"–28 x 1 3/16" special end fillister head screw
118937-ES7/8	No. 2 B.A. x .312" round head screw
118951-ES	1/2" – 13 x 1 3/4" carriage bolts
118973-ES7/8	1/2"–13 x 1.77" special hex. head bolt
118975-ES	7/16" B.S.F. x 1 11/64" special hex. head bolt
118976-ES	7/16" B.S.F. x 2 5/16" special hex. head bolt
118977-ES2	5/8"–11 x 8 1/4" special hex. head bolt
118992-ES	1/2"–13 x 1 7/16" special hex. head bolt
119020-ES7	No.10 – 32 x 5/8" hex. head bolt
119178-ES	9/16"–12 x 3 13/16" hex. head bolt
119179-ES	9/16"–12 x 4 1/2" hex. head bolt
119183-ES	5/8"–18 x 1.62" hex. head bolt
119185-ES2	5/8"–11 x 8 1/8" special hex. head bolt
119212-ES	No. 2 B.A. hex. nut
119258-ES	7/16" x 3/16" brass washer
119265-ES	1/4" I.D. x 15/32" O.D. x 1/2" thick flat washer
119270-ES	25/64" I.D. x 5/8" O.D. x 1/16" flat washer
119290-ES2	5/16" special lockwasher
119306-ES2	3/4" special flat washer
119422-ES	3/8" x 1 1/16" special headless rivet
119425-ES	5/32" x 3/32" flat c'sunk chamfered head rivet —semi-tubular
119426-ES	5/32" x 13/64" flat c'sunk, chamfered head rivet —semi-tubular
119437-ES	5/32" x 1" oval head semi-tubular rivet
119453-ESA	15/64" x .47 flat head semi-tubular rivet
119580-ES	3/8" B.S.F. hex. nut
119584-ES	3/16" spring lockwasher
119684-ES	1/4" I.D. x 25/64" O.D. special fibre washer
119699-ES	1/4" Insulated washer
119758-ES7/8	7/8" – 18 x 13/32" long hex. head plug
119767-ES	3/4"–10 hex. head plug
119781-ES	3 7/32" expansion plug
119782-ES	2.870" x .38" expansion plug
119783-ES	1 3/4" expansion plug
119785-ES	.628" x .616 expansion plug
119795-ES7/8	1/8"–28 lubricator—oil—brass—straight
119796-ES7B	1/4" – 28 lubricator
119810-ES	7/16" steel ball
119815-ES	7/8" steel ball
119818-ES	7/32" steel ball
119834-ES	1.833" expansion plug
119846-ES	5/16" x 3/8" x 2 17/32 x key
119863-ES	Drawbar fulcrum pin retainer
119909-ES	7/16"–14, 7/16"–14 x 1 1/2" special stud
119921-ES	5/64" x 5/16" oval head rivet
119928-ES	3/32" x 17/32" flat head rivet
119930-ES	.15" x .718" special tubular rivet
119933-ES	1/8" dia. clip pin
119935-ES18	.312" x 1.91" pin drilled end
119937-ES18	.312" x 1.50" pin—special
119953-ES7/8	1/4" x 2 13/32" clevis pin—flat chamfered head
119958-ES	1/8" x 7/8" pin
119963-ES	3/16" x 1 1/8" pin
119964-ES	1/8" x 3/4" groove pin
119976-ES7/8	5/32" x 5/8" tension pin
119977-ES7/8	.373" x 2.44" pin—drilled end
119978-ES18	.312" x 2.09" pin—special
119979-ES18	.312" x 1.15" pin—special
119980-ES	1/8" tubing ferrule
119984-ES	5/16" tubing ferrule
119986-ES	5/16" O.D. ferrule
119987-ES	1/4" tubing ferrule
133637-ES2	5/16" – 18 x 33/64" bolt
304648-ES	5/16" – 18 x 3/4" hex. head bolt
304649-S2	5/16" – 24 x 3/4" hex. head bolt
304650-S2	3/8" – 16 x 3/8" hex. head bolt
304665-S2	5/16" – 24 x 7/8" hex. head bolt
304701-S2	5/16" – 18 x 1 1/8" hex. head bolt
304702-S2	5/16" – 24 x 1 1/8" hex. head bolt
304722-S2	3/8" – 16 x 1 1/4" hex. head bolt
304758-S2	5/16" – 18 x 1 1/2" hex. head bolt
304853-S	5/8" – 11 x 2 1/8" hex. head bolt
305026-S2	3/32" dia. x 1/2" long pin
305084-S	1/8" x 1 1/8" spring tension pin
305086-S	5/16" x 1 1/4" spring tension pin
305142-S	1/8" x 2 1/4" spring tension pin
305148-S2	1/2" x 2 1/2" tension pin
305213-S	3/8" x 1 1/2" spring tension pin
350433-S	5/16"–18 x 25/32" special shoulder hex. head bolt
350472-S2	5/16"–24 x 7/8" special carriage bolt
350477-S2	5/16"–24 x 5/8" special carriage bolt
350483-S	5/16"–24 x 1" special carriage bolt
350522-ESA	3/8" – 16 x 7/8" hex. head bolt—head drilled
350568-ES	3/8"–16 x 3" special hex. head bolt
350890-ES8	1/4"–28 wing nut—special
351047-ES8	7/16"–20 hex. locknut—special
351052-S7	1/2" – 20 hex. nut

STANDARD PARTS

Part No.	Name of Part
351103-S7/8	5/8"–18 blind nut
351153-ESA	7/8"–14 special hex. nut
351452-S7	1/2" special lockwasher
351963-S	5/16" x 5/16" oval head c'sunk rivet
353000-S	1 41/64" expansion plug
353026-A2-S8	5/16" drive fit lubricator
353027-S7/8	1/8" Briggs check valve type lubricator
353031-S7/8 A	1/8" Briggs check valve type lubricator–67 1/2°
353043-S7/8	1/4"–28 check valve type lubricator
353051-ES	3/4" extended square head plug
353052-ES	1/8" x 3/8" special headless plug
353057-S	1/4"–18 x 1/2" slotted head taper pipe plug
353075-S	3/8" steel ball
353076-S	1/4" steel ball
353080-S	5/16" steel ball
353081-S	5/16" steel ball
353130-S	No. 1 retainer
353753-S	1/8" x 1/4" pin
355471-S	5/16"–24 x 3/4" special carriage bolt
355599-ES	5/16"–18 x .85" special shoulder bolt
358063-ESA	1/8" taper pipe plug–.005" o/s
358063-ESB	1/8" taper pipe plug–.010" o/s
358063-ESC	1/8" taper pipe plug–.015" o/s
358063-ESD	1/8" taper pipe plug–standard
358675-S2	'C' washer
374860-S	No.10 – 24 x 1/8" hex. head screw
374863-S2	5/16" flat washer
374864-S2	1/8" flat washer
374865-S2	1/8" flat washer
374866-S2	1/8" retaining ring
995901-ES7	No. 2 B.A. hex. head screw
995913-ES4	No. 2 B.A. x 1/4" flat countersunk head screw
995926-ES	No. 4 B.A. countersunk head screw
995928-ES	No. 2 B.A. x 1/4" round head screw
995929-ES7/8	No. 2 B.A. x 3/8" round head screw
995951-ES2	No. 0 B.A. x 1/4" cheese head screw
995954-ES7/8	No. 2 B.A. x 1/8" cheese head screw
995955-ES	No. 4 B.A. x 3/16" cheese head screw
995957-ES2	No. 4 B.A. x 3/8" cheese head screw
995963-ES7	No. 2 B.A. x 5/8" cheese head screw
995973-ES8	No. 6 B.A. x 1/4" cheese head screw
995980-ES7	1/4" B.S.F. x 3/4" cheese head screw
995981-ES	5/16" Whit. x 3/8" hex. head bolt
995991-ES	5/8"–11 Whit. x 2 1/2" hex. head bolt
996003-ES	3/8" B.S.F. x 1 1/8" hex. head bolt
996291-ES7/8	1/4" B.S.F. hex. nut
996292-ES7A	5/16" B.S.F. hex. nut
996295-ES	1/2" B.S.F. hex. nut
996297-ES	5/16" B.S.F. nut
996298-ES	3/8" B.S.F. hex. nut
996299-ESA	1/2" B.S.F. hex. nut
996302-ES8A	No. 2 B.A. hex. nut
996302-ESB	No. 2 B.A. hex. nut
996304-ES7/A	No. 4 B.A. hex. nut
996305-ES7/8	No. 2 B.A. hex. nut
996306-ESB	No. 4 B.A. hex. nut
996411-ES	1/4" B.S.F. flat washer
996412-ES7/8	5/16" B.S.F. flat washer
996413-ES7	3/8" B.S.F. flat washer
996414-ES	1/2" B.S.F. flat washer
996417-ES7	3/16" spring lock washer–single coil
N-20690-A	5/16"–12 x 1 1/8" hex. head bolt
N-20912	3/8"–16 NC2 x 1" slotted hex. head screw
N-21200	7/16"–20 NF2 special lock screw
N-22420	7/8" I.D. x 1 1/8" O.D. x 1/8" thick flat washer
N-22426	1 1/64" I.D. x .120/.130" thick x 1 1/8" O.D. flat washer
N-23028-S8	1/2"–13 x 1 1/4" square head bolt
Y-24452	1/2" standard pipe plug