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ABBREVIATIONS

Agr.—Agricultural Tractor. L.U.—Land Utility Tractor. R.C.—Row Crop Tractor.
Ind.—Industrial Tractor. H.P.L.—Hydraulic Power Lift. P.T.O.—Power Take-off.
A.C.R.—Automatic Clutch Release. V.O.—Vaporising Oil.

EXPLANATORY NOTE Year Column in Parts List

Parts used for a period of years and then discontinued are indicated in the year column by a commencing and finishing year ... 1945/47

Parts used in one year only and then discontinued are indicated by this one year only ... 1946

Parts still used in current production are indicated by the commencing year followed by an oblique stroke and dash ... 1945/—

INSTRUCTIONS FOR ORDERING PARTS

1. Parts should be ordered from the nearest authorised Fordson Tractor Dealer.
2. Always give part number and name of each part ordered.
3. Always give number of Tractor. Up to 15th May, 1950, it is stamped on the R.H. side of the engine immediately above the front manifold stud. From 15th May, 1950, onward it is stamped on the R.H. side of the flywheel housing flange.
4. Specify how shipments are to be made.
5. All prices are quoted for delivery at point of sale.
6. Orders for parts should be written separately from correspondence pertaining to other matters.

TRACTORS WITH DIESEL ENGINES

Spare Parts peculiar to Tractors with Diesel Engines are listed in Spare Parts List issued by Messrs. F. Perkins Ltd., Queen Street, Peterborough. For Parts of Ford supply see also page 86 of this Parts List.

WHEN ORDERING

refer

- (1) To illustration.
- (2) To parts list for correct part number.

Always quote prefix and suffix letters when ordering.

Ford policy is one of continuous improvement and the right to change prices, specifications and equipment, at any time without notice is reserved.

SPARE PARTS LIST

FOR

Fordson MAJOR TRACTORS

Part No.	Name of Part	Year	Remarks	Qty. Req.
PT2A —675	Nut (H.P.L. check chain adjusting)	1945/—	With H.P.L. linkage	2
PT2A —799	Nut (H.P.L. eyebolt)	1945/48	With H.P.L. linkage	4
E27N —1015-A	Wheel (front)	1945/—	6-00"-19" tyres	2
E27N —1015-B	Wheel (front)	1945/—	Agr. and R.C.	2
353026-S7/8	Lubricator (front wheel)	1945/—		2
E27N —1017-A	{ Disc (rear wheel)—10-hole. Disc (rear wheel)—10-hole.	1945/— 1945/46	With E27N-1019-B	2
E27N —1017-C	Disc (rear wheel)—8-hole	1946/—	With E27N-1019-C/D	2
23569-S	Bolt (disc to wheel rim)	1945/—	With E27N-1019-C/D	2
33850-S	Nut	1945/—		20/16
34811-S	Lockwasher	1945/—		20/16
E27N —1019-A	Wheel (rear) assy.	1945/—	Agr. 9" wide	2
E27N —1019-B	Wheel (rear) and disc assy.	1945/—	R.C. 4½" wide	2
E27N —1019-D	Wheel (rear) and disc assy.	1945/—	Pneumatics	2
E27N —1020-C	Rim (rear wheel extension) assy.	1945/—	Use with E27N-1019-B	2
21047-S2	Bolt (rim to rear wheel)	1945/—		20
33850-S2	Nut	1945/—		20
34811-S2	Lockwasher	1945/—		20
E27N —1026-A	Installation (rear wheel spade lug)	1945/—	For 9" wheels	1
E27N —1026-C	Installation (rear wheel spade lug)	1945/—	For 4½" wheels	1
E27N —1033	Bracket (rear wheel rim spacer)	1945/—	With dual rears	16
23569-S2	Bolt (bracket to outer wheel rim)	1945/—		16
33850-S2	Nut	1945/—		16
34811-S2	Lockwasher	1945/—		16
21010-S2	Bolt (bracket to outer wheel disc)	1945/—		16
33849-S2	Nut	1945/—		16
34811-S2	Lockwasher	1945/—		16
E27N —1037-A	Rim (rear wheel) assy.—10-hole	1945/—	R.C. With E27N-1019-B	2
E27N —1037-B	Rim (rear wheel) assy.—8-hole	1945/46	9-00"-36" tyres	2
E27N —1037-C	Rim (rear wheel) assy.—8-hole	1946/—	11-00"-36" tyres	2
E27N —1053-A	Lug (rear wheel spade)	1945/—	(For 4½" wheels 36 req.)	52
N-23028-S7/8	Bolt (lug to wheel)	1945/—	(For 4½" wheels 72 req.)	104
33831-S7/8	Nut	1945/—	(For 4½" wheels 72 req.)	104

Part No.	Name of Part	Year	Remarks	Qty. Req.
WHEELS—continued				
34709-S	Washer	1945/—	(For 4 1/2" wheels 72 req.) 104	
34809-S	Lockwasher	1945/—	(For 4 1/2" wheels 72 req.) 104	
E27N —1077	Reinforcement (rear wheel weight disc)	1945/—	With wheel weights.....10	
21119-S2	Reinforcement (rear wheel disc)	1945/—	With dual rears.....20	
33850-S2	Bolt (reinforcement to rear wheel discs)	1945/—	With dual rears.....10	
34811-S2	Nut.....	1945/—	10	
E27N —1078-A	Lockwasher	1945/—	10	
E27N —1078-B	Installation (rear wheel weight)— 200 lb.	1945/—	1	
E27N —1078-B	Installation (rear wheel weight)— 400 lb.	1945/—	1	
E27N —1078-C	Installation (rear wheel weight)— 600 lb.	1945/—	1	
21119-S	Bolt (weight to wheel)	1945/—	10	
33871-S	Nut.....	1945/—	10	
34811-S	Lockwasher	1945/—	10	
23103-ES	Bolt (auxiliary weight to weight)	1945/—	6/12	
33851-S	Nut.....	1945/—	6/12	
34813-S	Lockwasher	1945/—	6/12	
E27N —1086	Installation (dual rear wheel)	1945/—	Pneumatics.....1	
†E27N —1087	Installation (rear wheel extension rim)	1945/—	Use with E27N-1019-B.....1	
E27N —1118-A	{ Bolt (axle shaft to wheel)—R.H. thread Bolt (axle shaft to wheel)—L.H. thread	1945/46	6	
E27N —1118-B	{ Bolt (adaptor and axle to wheel) Bolt (axle shaft to wheel)—L.H. thread	1947/—	12	
E27N —1119	{ Bolt (axle shaft to wheel)—R.H. thread Nut (axle shaft to wheel)—R.H. thread	1945/46	6	
BBE —1120	{ Nut (axle shaft to wheel)—R.H. thread Nut (axle shaft to wheel)—L.H. thread	1945/46	6	
BBE —1121	Drum (brake)	1947/—	2	
E27N —1126	Cap (front wheel hub)	1945/—	2	
E27N —1128	Nut (axle shaft to wheel)—Inner	1945/—	With dual rears.....12	
BB —1132	Nut (axle shaft to wheel)—outer	1945/—	With dual rears.....12	
BB —1134	Washer (brake drum to shaft)	1945/—	With steering brakes.....2	
WOA1-1138-A	Washer (rear wheel nut)	1945/—	Except dual rears.....12	
BBE —1150	Adaptor (axle to brake drum)	1947/—	Ind.....2	
E27N —1173	Retainer (rear axle grease) assy.	1945/—	2	
E27N —1174	Felt (rear axle shaft bearing)	1945/—	2	
E27N —1180	Gasket (rear axle grease and felt retainer)	1945/—	2	
E27N —1182	Shell (rear axle grease and felt retainer)	1945/—	2	
E27N —1183	Ring (front spindle dust)	1945/—	2	
§E27N —1190-B	Bolt (brake drum to adaptor)	1947/—	Ind.....12	
E27N —1191	Nut.....	1947/—	12	
33832-S	Lockwasher	1947/—	12	
34809-S2		1947/—	12	
WHEELS—continued				
E27N —1193	Felt (front wheel dust ring)	1946/—	2	
N —1195	{ Washer (front wheel spindle) Washer (pulley drive gear)	1945/46 1945/—	With E27N-3107-B-A.....2 With N-115050-E only.....1	
BB —1195	Washer (front wheel spindle)	1946/49	2	
N —1201-A	Cone (front wheel) and roller assy.— inner	1945/46	Optional. Use with E27N-3107-B-A/B.....2	
N —1201-B	Cone (front wheel) and roller assy.— inner	1945/46	2	
E27N —1201	Cone (front wheel) and roller assy.—inner 1946/—	2		
N —1202-A	Cup (front wheel bearing)—inner	1945/—	Optional.....2	
N —1202-B	Cup (front wheel bearing)—inner	1945/—	2	
N —1216	Cone (front wheel) and roller assy.— outer	1945/—	2	
N —1217	Cup (front wheel bearing)—outer	1945/—	2	
N —1725	Adaptor (water ballast valve) assy.	1945/—	For pneumatic tyres.....1	
N —1727	Tube (water ballast valve adaptor)	1948/—	In N-1725.....1	
STEERING BRAKES				
(Items listed in this Section apply only when Steering Brakes are fitted, unless otherwise stated)				
†E27N-2764	Washer (brake drum spacing)	1945/48	2	
E27N-2767-B	Drum (steering brake)	1945/—	2	
20728-S	Screw (drum to bull pinion shaft)	1945/—	2	
WOA1-1138-A	Washer (retainer)	1945/—	2	
34811-S	Lockwasher	1945/—	2	
E27N-2774-A	Cover (steering brake) assy.—R.H.	1945/48	1	
E27N-2781	Cover (steering brake) assy.—L.H.	1945/48	1	
26484-S2	Screw (cover to brake plate)	1945/48	6	
34746-S	Washer	1945/48	6	
E27N-2774-B	Cover (steering brake) assy.	1948/—	2	
20310-S2	Screw (cover to brake plate)	1948/—	6	
34806-S2	Lockwasher	1948/—	6	
E27N-2766-B	Plate (steering brake adjuster cover)	1945/—	2	
26491-S	Bolt (plate to cover)	1945/48	2	
33895-S	Nut (wing)	1945/48	2	
34745-S2	Washer	1945/48	2	
60018-S	Rivet (plate to cover)	1945/—	2	
For Part Nos. 2019 to 2540 see also next Section				
E27N —2019-A	Shoe (brake) and lining assy.	1945/48	4	
E27N —2019-B	Shoe (brake) and lining assy.	1948/—	4	
E27N —2021-A	Lining (brake shoe)	1945/48	4	
119407-ES	Rivet (lining to shoe)	1945/48	32	

† This installation includes two extension rims with fixing hardware and 26 spade lugs with fixing hardware.
§ When replacing earlier type dust rings, order also E27N-1193.

† Spacing washer required when fitting new type brake plate in conjunction with brake drum fitted in production up to September, 1948.

Part No.	Name of Part	Year	Remarks	Qty. Req.
STEERING BRAKES—continued				
E27N —2021-B	Lining (brake shoe)	1948/—		4
64664-ES	Rivet (lining to shoe)	1948/—		4
E27N —2025	Post (brake shoe steady)	1948/—		4
FN-105-K-S7	Nut	1948/—		4
E27N —2034	Spring (brake adjuster end)	1945/—		2
E27N —2035-A	Spring (brake anchor to primary shoe)	1945/—	Black	2
E27N —2036	Spring (brake anchor to secondary shoe)	1945/—	Red	2
E27N —2037	Spring (brake operating lever return)	1945/48		2
WOA1—2040	Pinion (brake adjuster) and screw assy.	1945/—		2
WOA1—2041	Pinion (brake shoe adjuster)	1945/—		2
WOA1—2042	Screw (brake shoe adjusting)—R.H.	1945/—		2
WOA1—2048	Screw (brake shoe adjusting)—L.H.	1945/—		2
E27N —2057-B	Lever (brake cam operating)	1945/—		2
E27N —2058-A	Lever (brake cam) and return spring arm assy.—R.H.	1945/48		1
E27N —2058-B	Lever (brake cam)—R.H.	1948/—		1
E27N —2059-A	Lever (brake cam) and return spring arm assy.—L.H.	1945/48		1
E27N —2059-B	Lever (brake cam)—L.H.	1948/—		1
E27N —2067-A	Pin (brake anchor) assy.	1945/48		2
E27N —2067-B	Pin (brake anchor) assy.	1948/—		2
33836-S2	Nut (brake anchor pin)	1945/—		2
WOA1-2114	Washer	1945/—		2
34924-ES	Lockwasher	1945/—		2
E27N —2068	Stop (brake shoe)	1948/—		2
WOA1—2092	Bracket (brake centraliser) and spring assy.	1945/47		2
119138-ES2	Bolt (brake centraliser)	1945/47		2
FN-105-K	Nut	1945/47		2
34806-S2	Lockwasher	1945/47		2
WOA1—2096	Washer (brake centraliser)	1945/47		2
WOA1—2114	Washer (brake anchor pin)	1945/—		2
E493A—2123-B	Washer (steady post felt)	1950/—		4
E27N —2200-A	Installation (steering brake)	1945/—		1
§E27N —2209-C	Brake (steering) assy.—R.H.	1945/—		1
§E27N —2210-B	Brake (steering) assy.—L.H.	1945/—		1
§E27N —2213-B	Plate (brake housing) assy.—R.H.	1945/—		1
§E27N —2214-B	Plate (brake housing) assy.—L.H.	1945/—		1
20049-S2	Screw (plate to oil seal housing)	1945/48		8
34807-S	Lockwasher	1945/48		8
22622-S	Screw (plate to oil seal housing)	1948/—		8
34707-S	Washer	1948/—		8
E27N —2284-A	Cup (brake anchor) and spring assy.	1945/48		4
STEERING BRAKES—continued				
E27N —2284-B	Cup (brake anchor) and spring assy.	1948/—		4
E27N —2440	Latch (brake pedal connecting)	1945/—		1
62383-S	Rivet (latch to pedal)	1945/—		1
E27N —2443	Pedal (brake) assy.—L.H.	1945/—		1
7V-3109	Bush (L.H. brake pedal)	1945/—		1
E27N —2448-A	Pedal (brake) and sector assy.—R.H.	1945/—		1
20471-S	Bolt (pedal clamping)	1945/—		1
74151-S	Key (pedal to cross shaft)	1945/—		1
E27N-7506-A	Shaft (brake and clutch cross)	1945/—		1
E27N-7507	Collar (cross shaft retaining)	1945/—		1
74006-S7	Pin (collar retainer)	1945/—		1
72005-S	Cotter	1945/—		1
E27N-7547	Ring (cross shaft lock)	1945/—		1
N-7585	Felt (cross shaft)	1945/—		2
E27N-7508	Washer (cross shaft thrust)	1945/—		2
51 —2472	Spring (hand brake lever retracting)	1945/—	With and less steering brakes.	1
BBE —2472-X	Spring (clutch rod retracting)	1945/—	With A.C.R.	1
E27N —2498-A	Cable (brake operating) assy.—R.H.	1945/—		1
E27N —2499-A	Cable (brake operating) assy.—L.H.	1945/—		1
97013-S	Clevis (adjustable)	1945/—		2
34083-S	Nut (lock)	1945/—		2
73919-S7	Pin (clevis)	1945/—		2
72017-S	Cotter	1945/—		2
119079-ES2	Screw (cable clamp to brake plate)	1945/48		2
118810-ES2	Screw (clamp to plate and stop)	1948/—		2
34806-S2	Lockwasher	1945/—		2
E27N —2512	Support (brake cable conduit)—R.H.	1945/—		1
E27N —2513	Support (brake cable conduit)—L.H.	1945/—		1
20388-S	Screw (support to housing)	1945/—		4
34807-S	Lockwasher	1945/—		4
N-20718	Screw (clamping)	1945/—		2
E27N —2514-A	Lever (steering brake)	1945/—		1
20471-S	Bolt (lever to cross shaft clamping)	1945/—		1
74151-S	Key (lever to cross shaft)	1945/—		1
E27N —2520-A	Stop (brake pedal)	1945/—		1
20386-S	Bolt (stop to platform)	1945/—		2
33797-S	Nut	1945/—		2
34826-S	Lockwasher	1945/—		2
E27N —2548	Sector (brake pedal)	1945/—		1
62409-S	Rivet (sector to brake pedal)	1945/—		2
E27N —2551	Pawl (brake pedal)	1945/—		1
73891-S7	Pin (clevis)	1945/—		1
72017-S	Cotter	1945/—		1

§ When replacing early type brake assy. or housing plate without changing brake drum, order also E27N-2764. New type housing plate requires E27N-2019-B brake shoes.

SPARE PARTS LIST

WITH ILLUSTRATIONS

FOR

Fordson
MAJOR
TRACTORS

AGRICULTURAL
ROW CROP
LAND UTILITY
INDUSTRIAL

1945/51

6091 PA28420K

K 2540 - 6229

1945/51

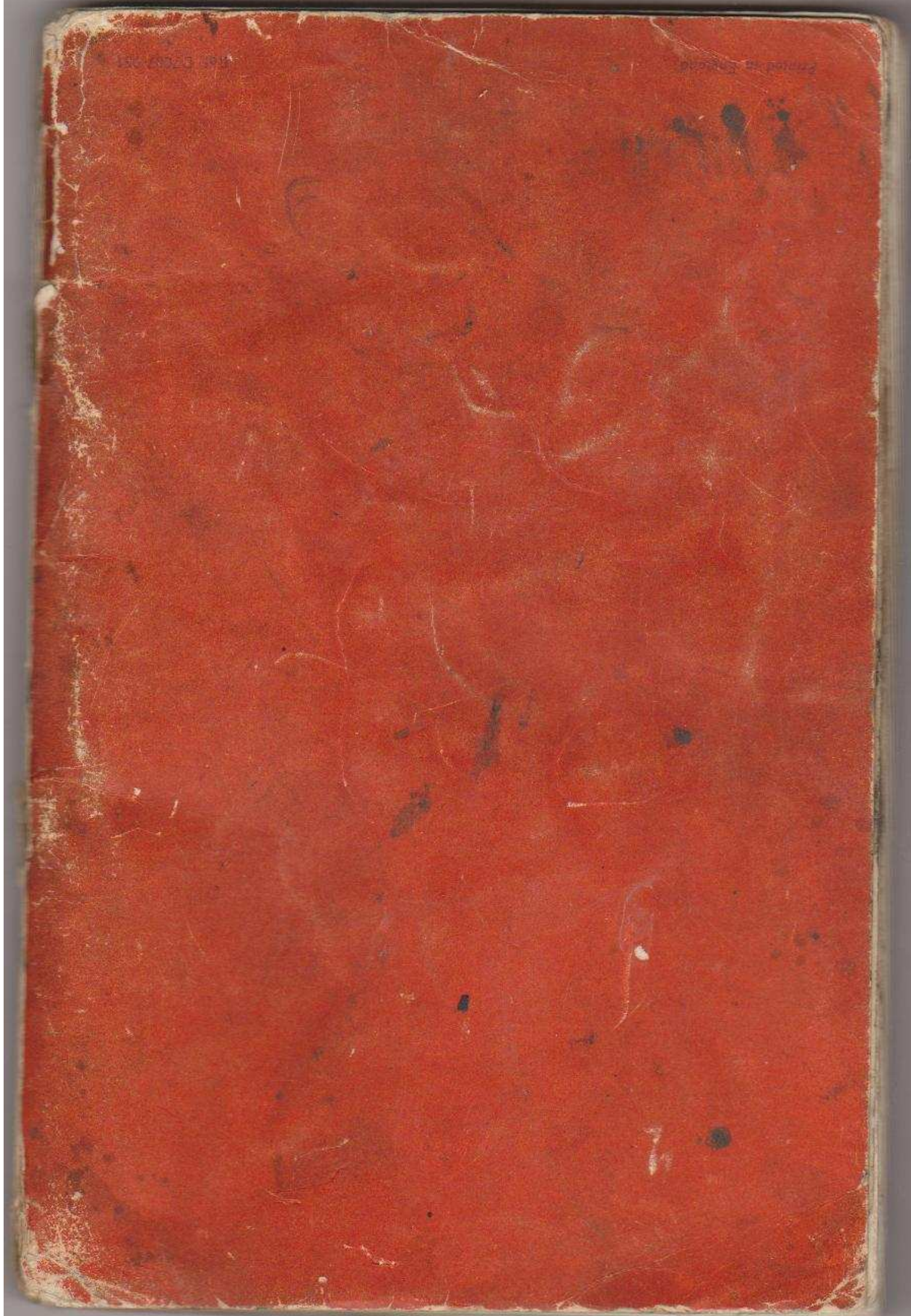
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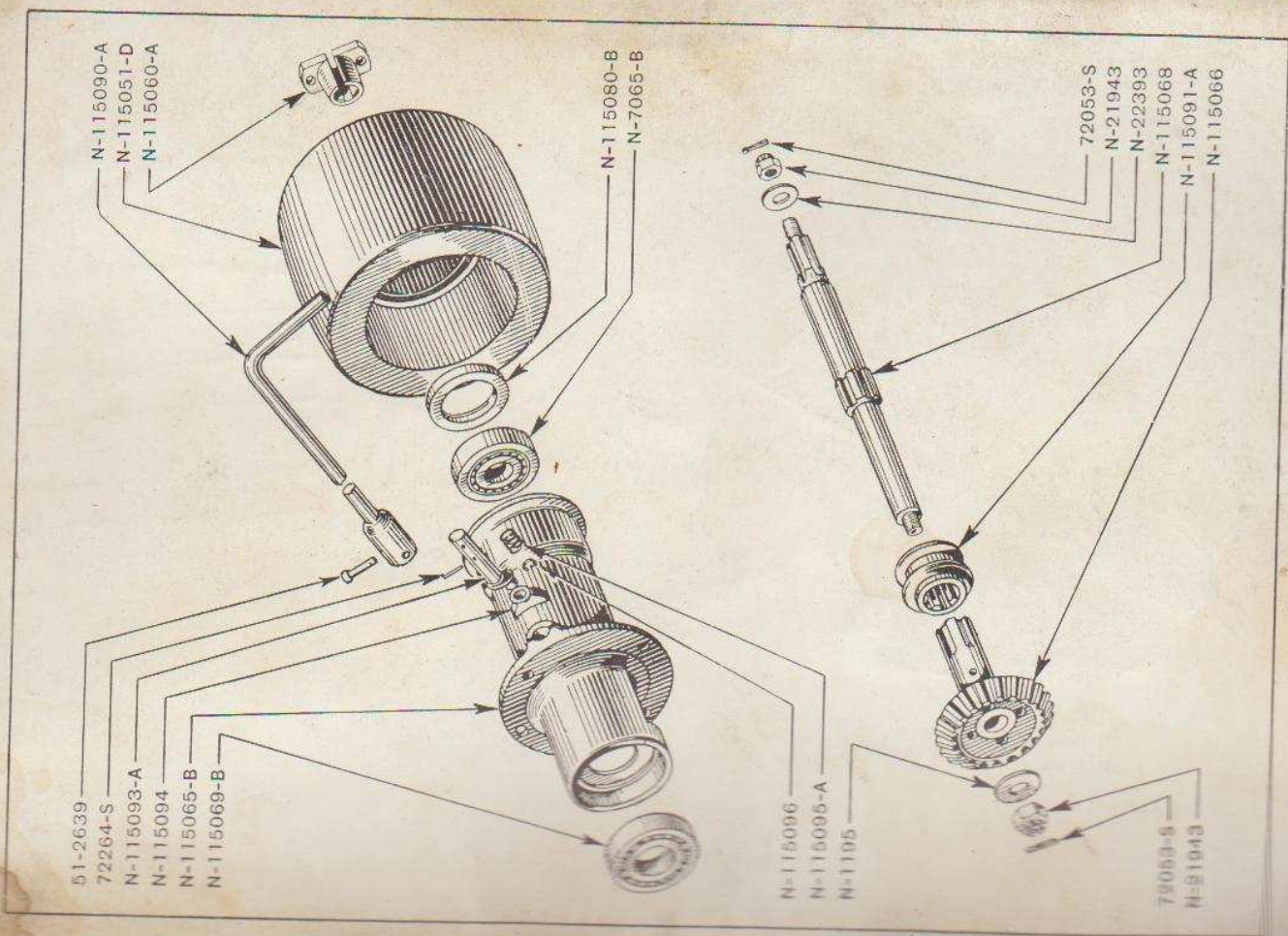
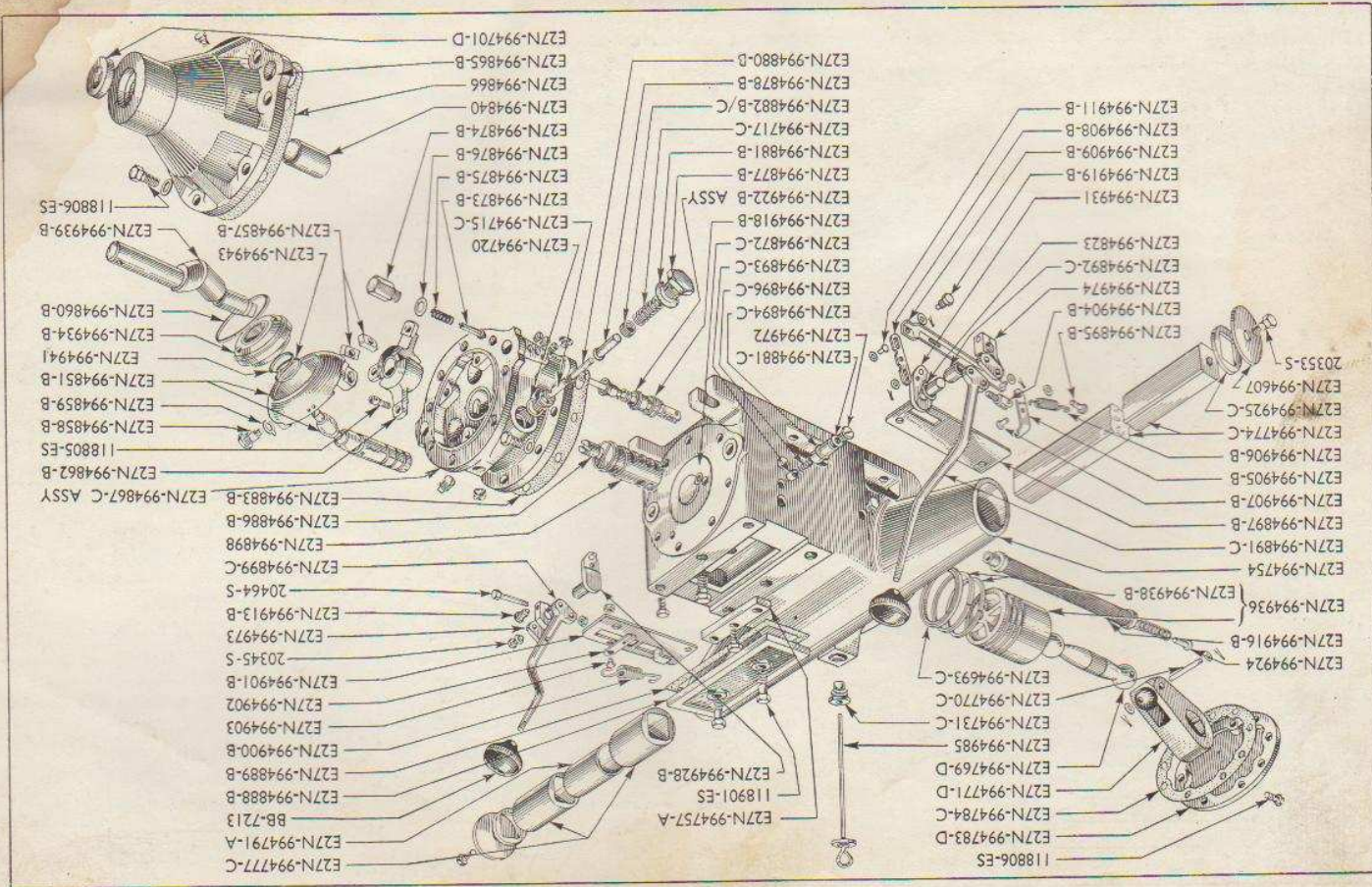
A Ford Product

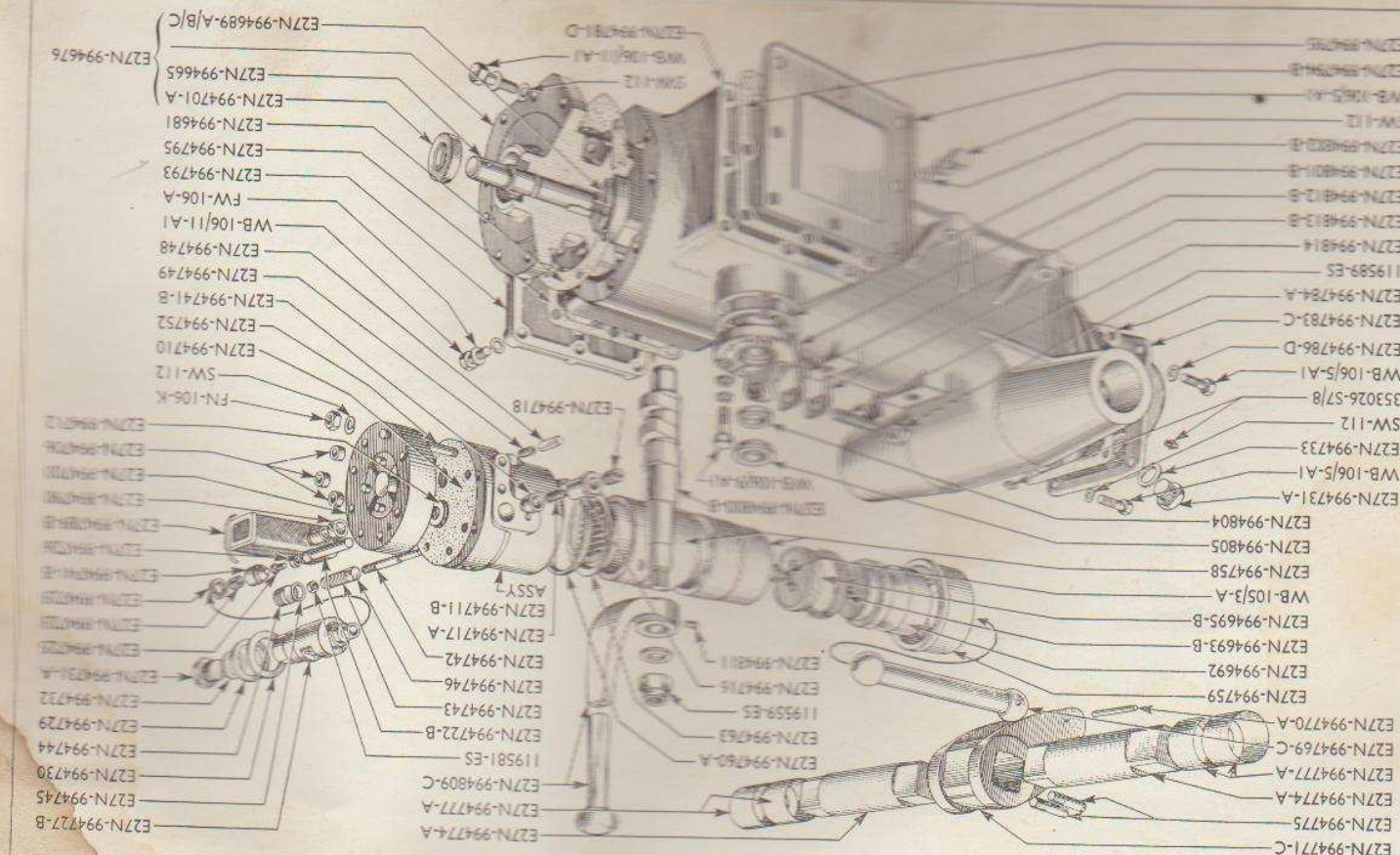
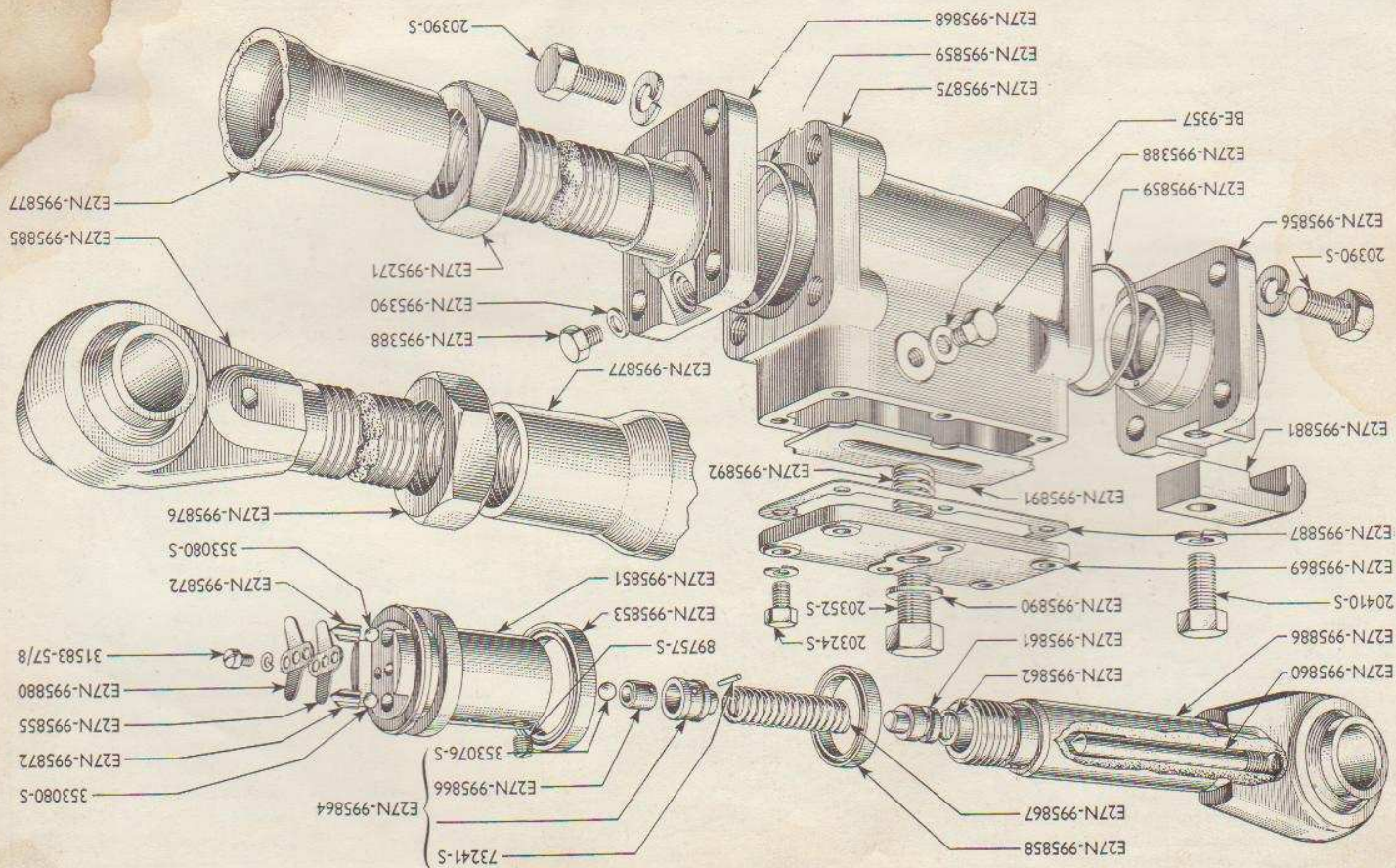
Fordson
Major TRACTOR

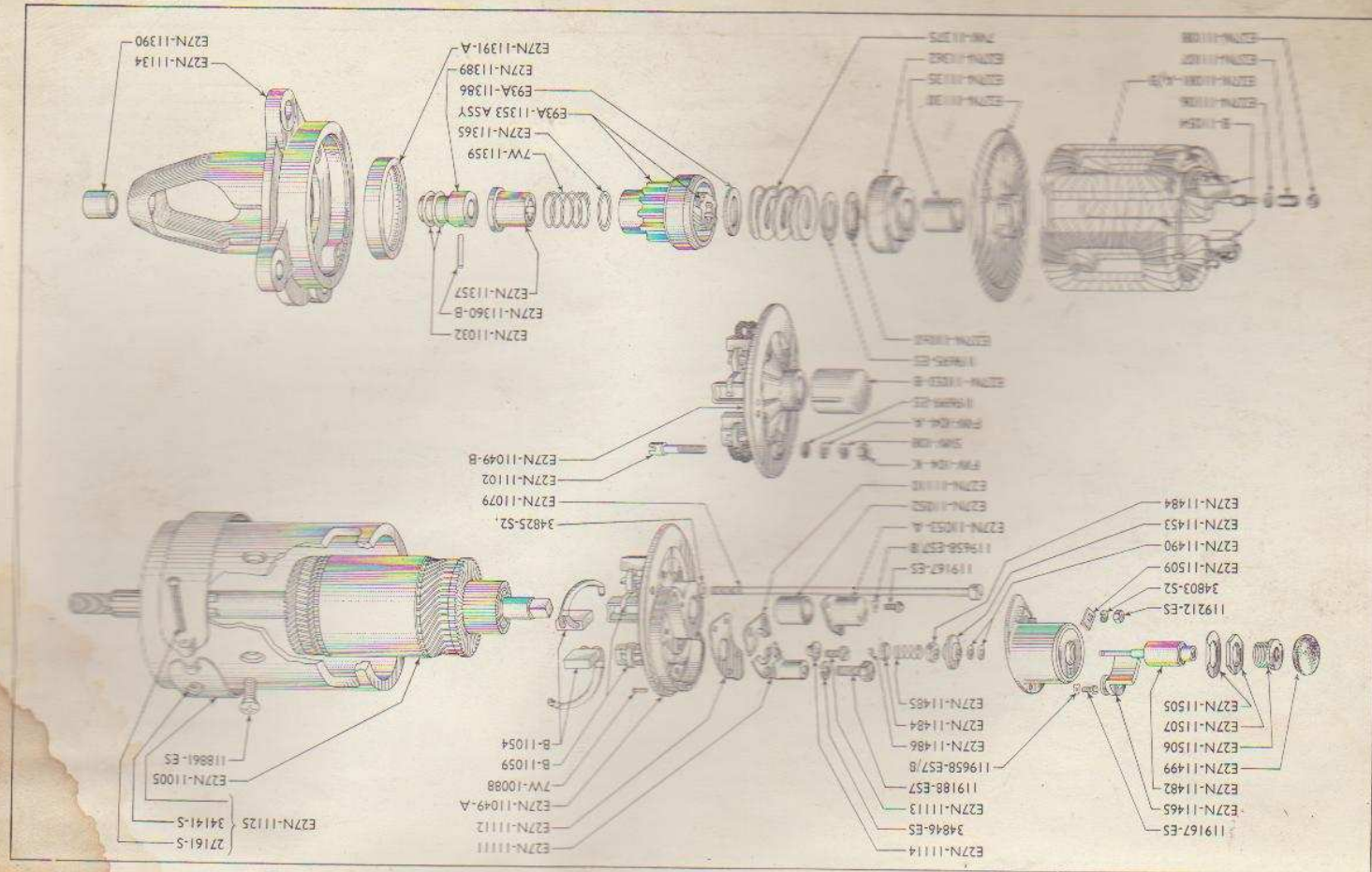
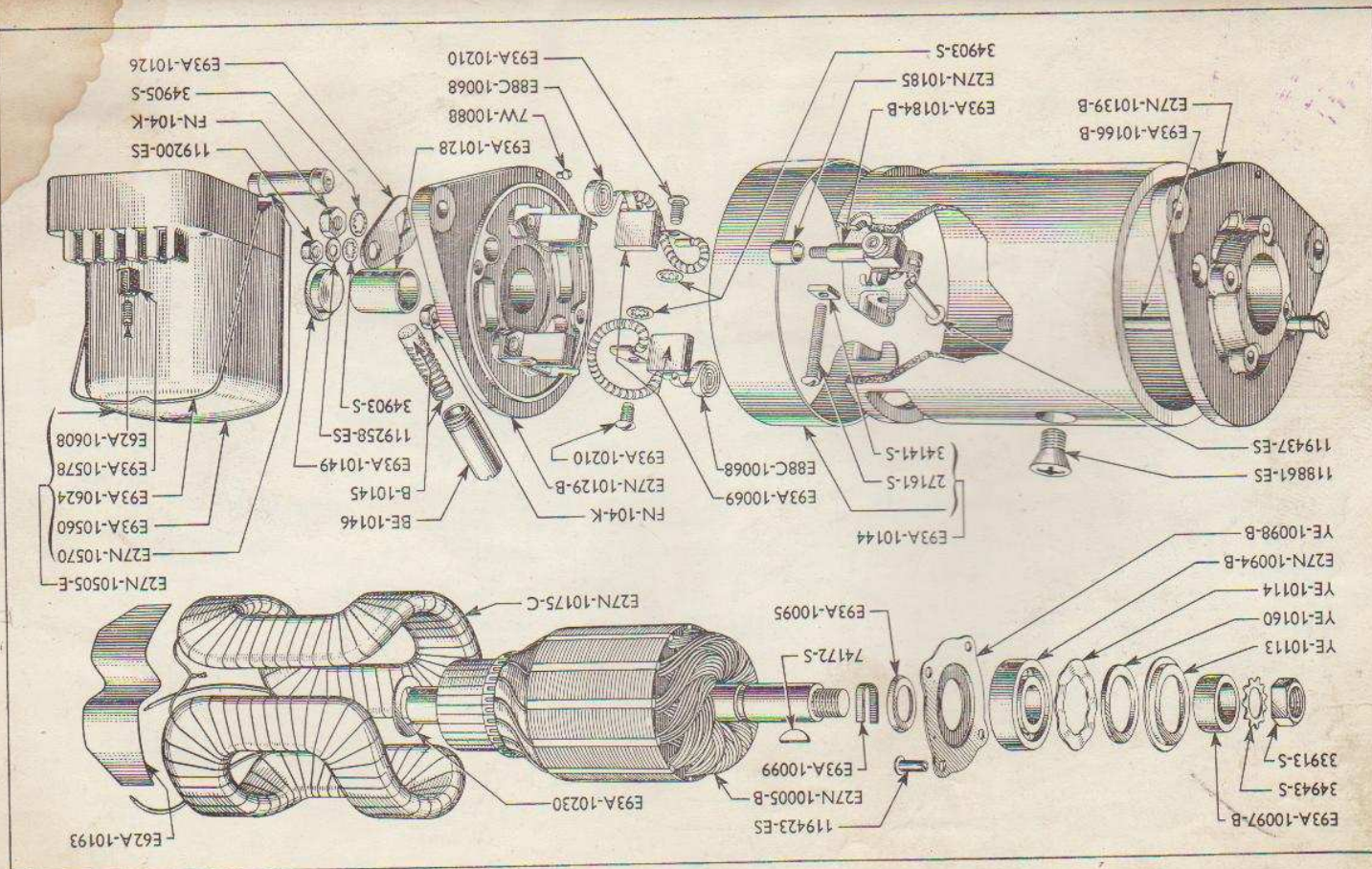
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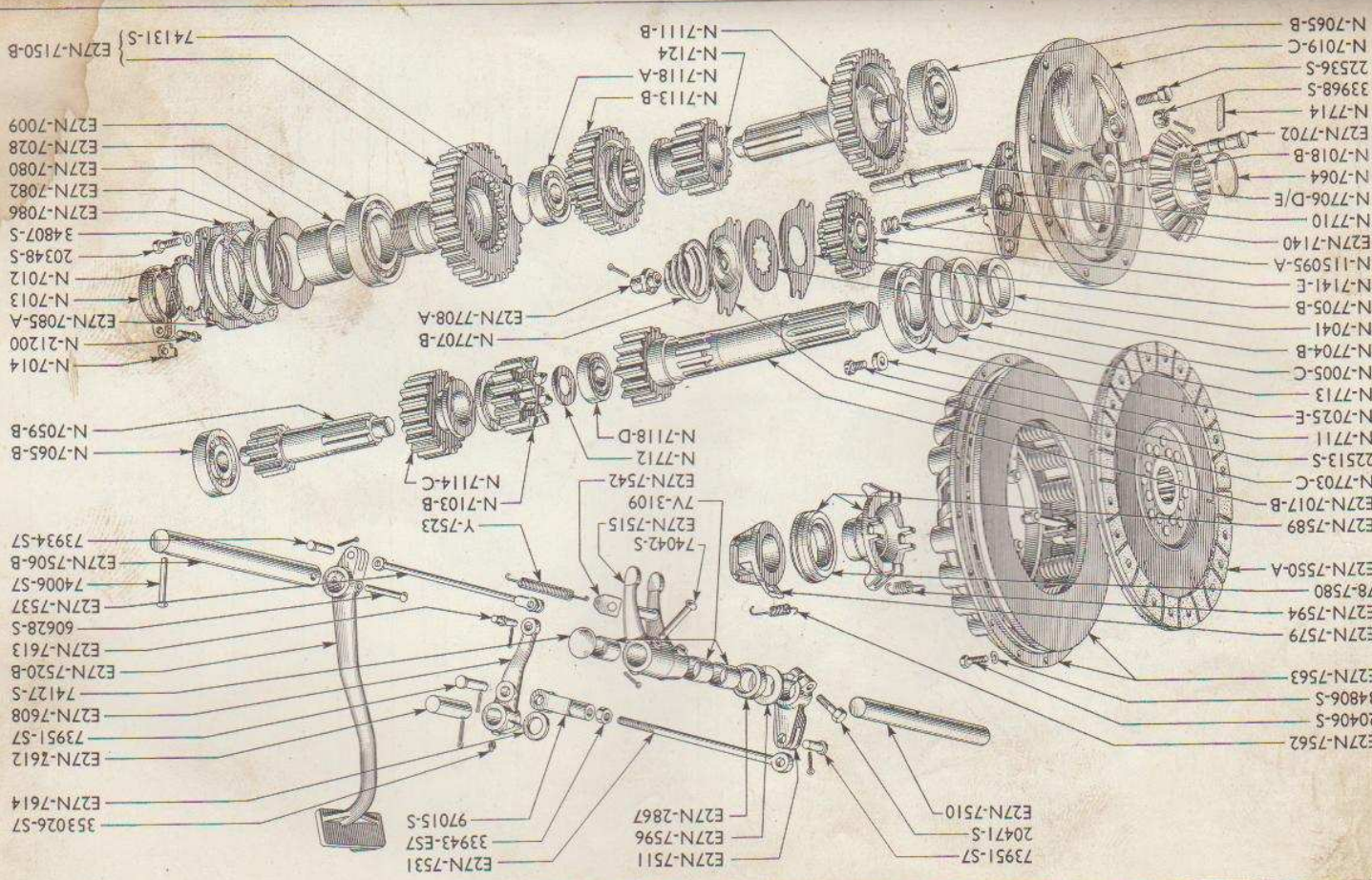
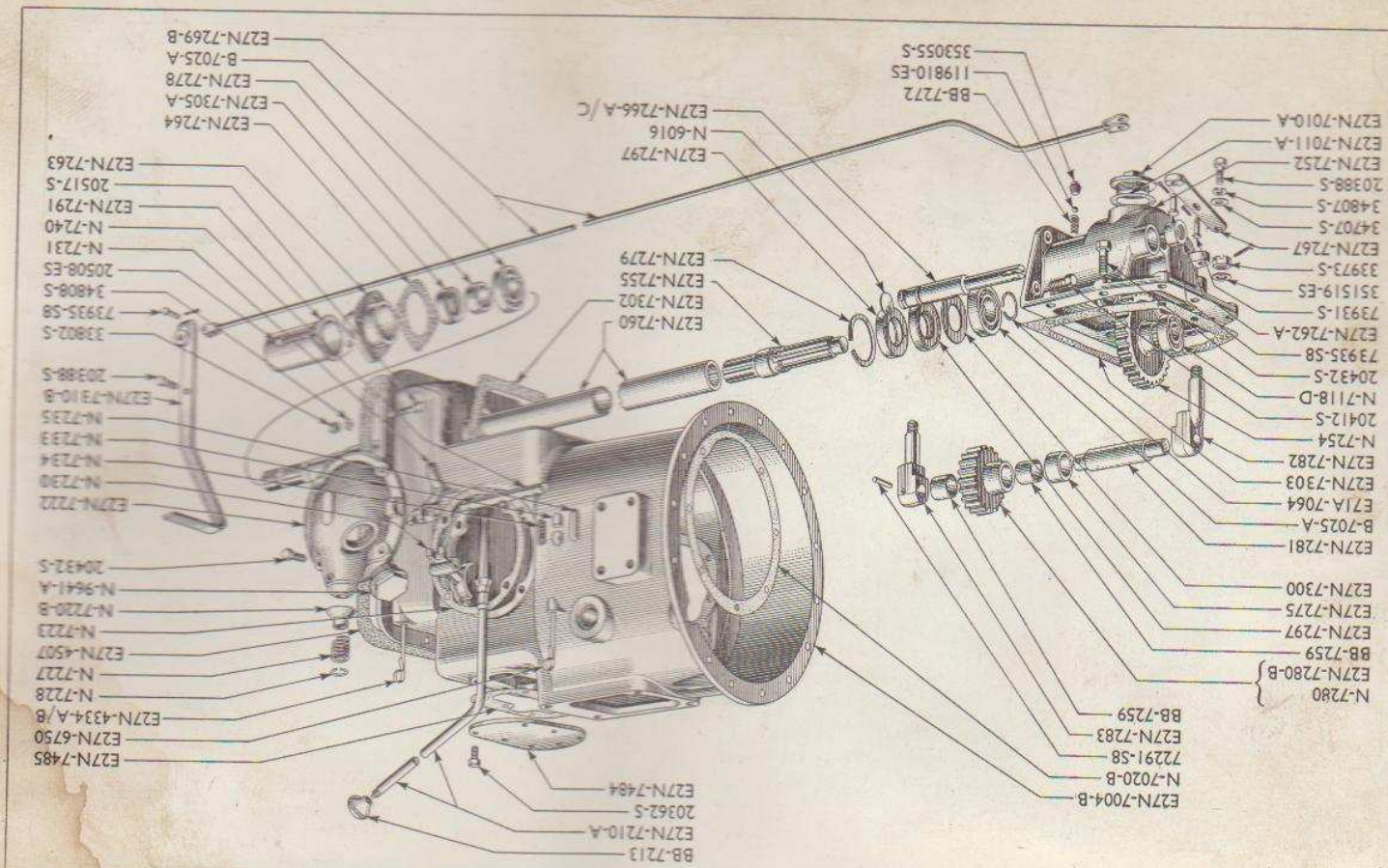
**LIST OF
GENUINE PARTS**

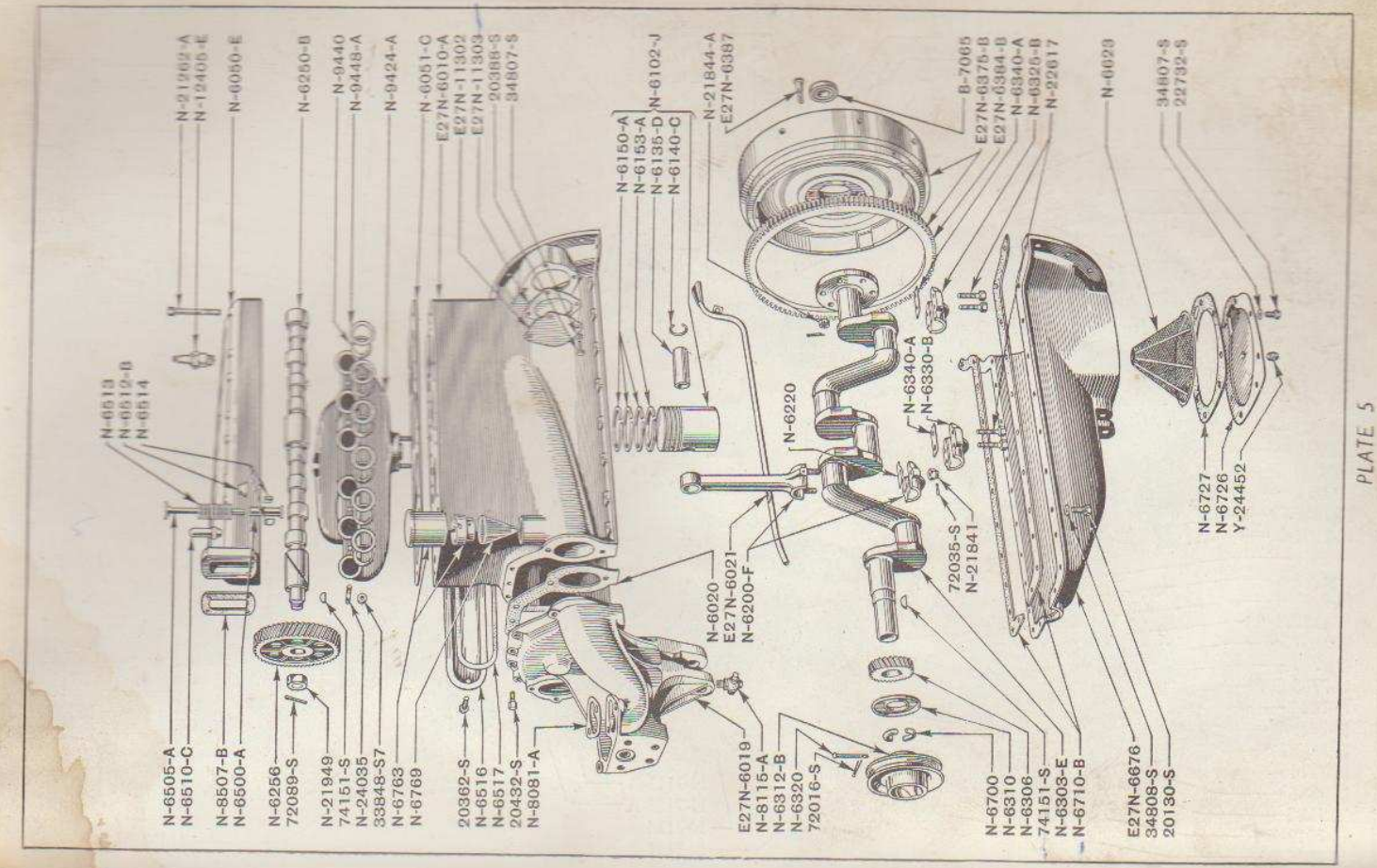
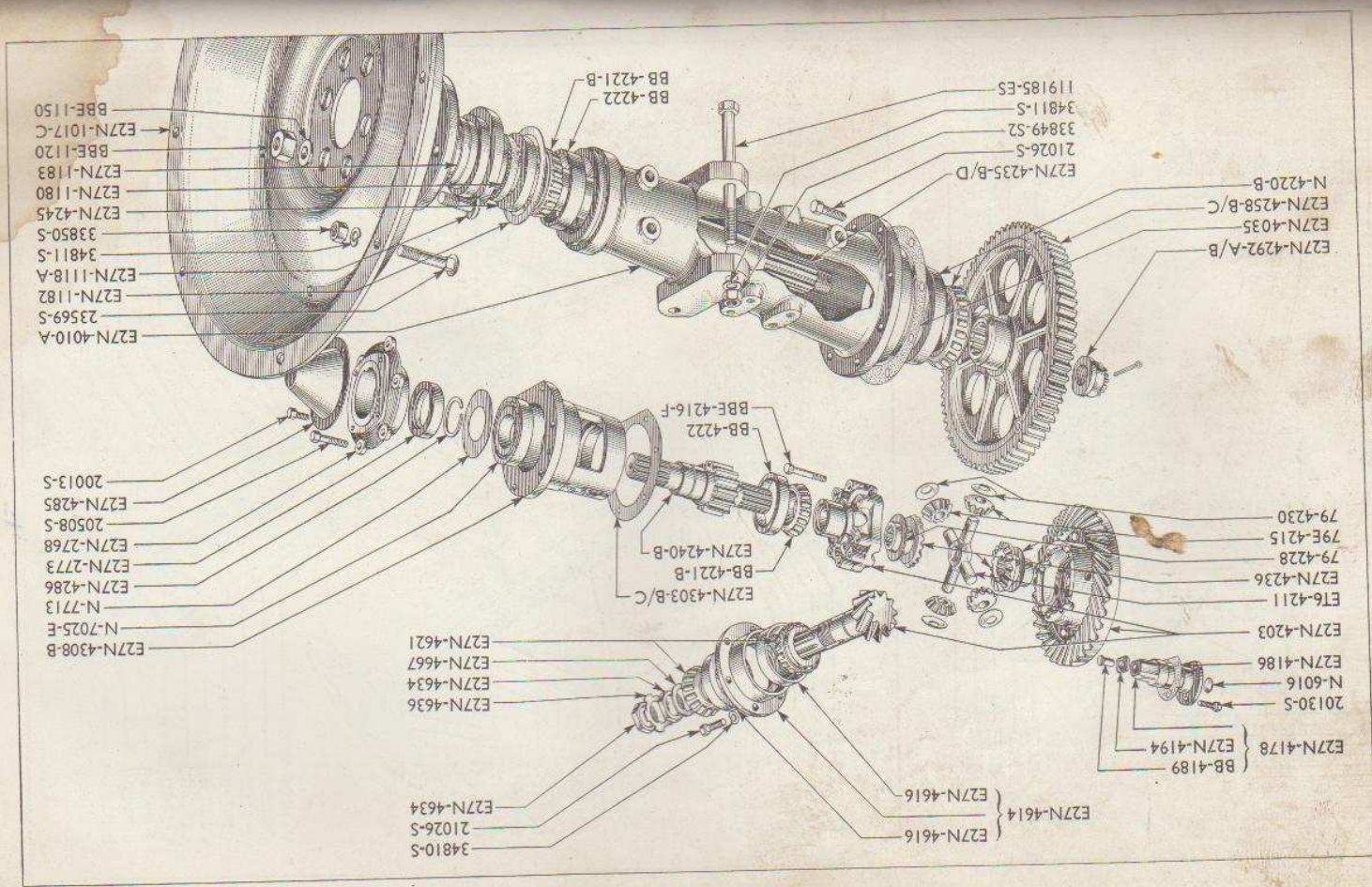












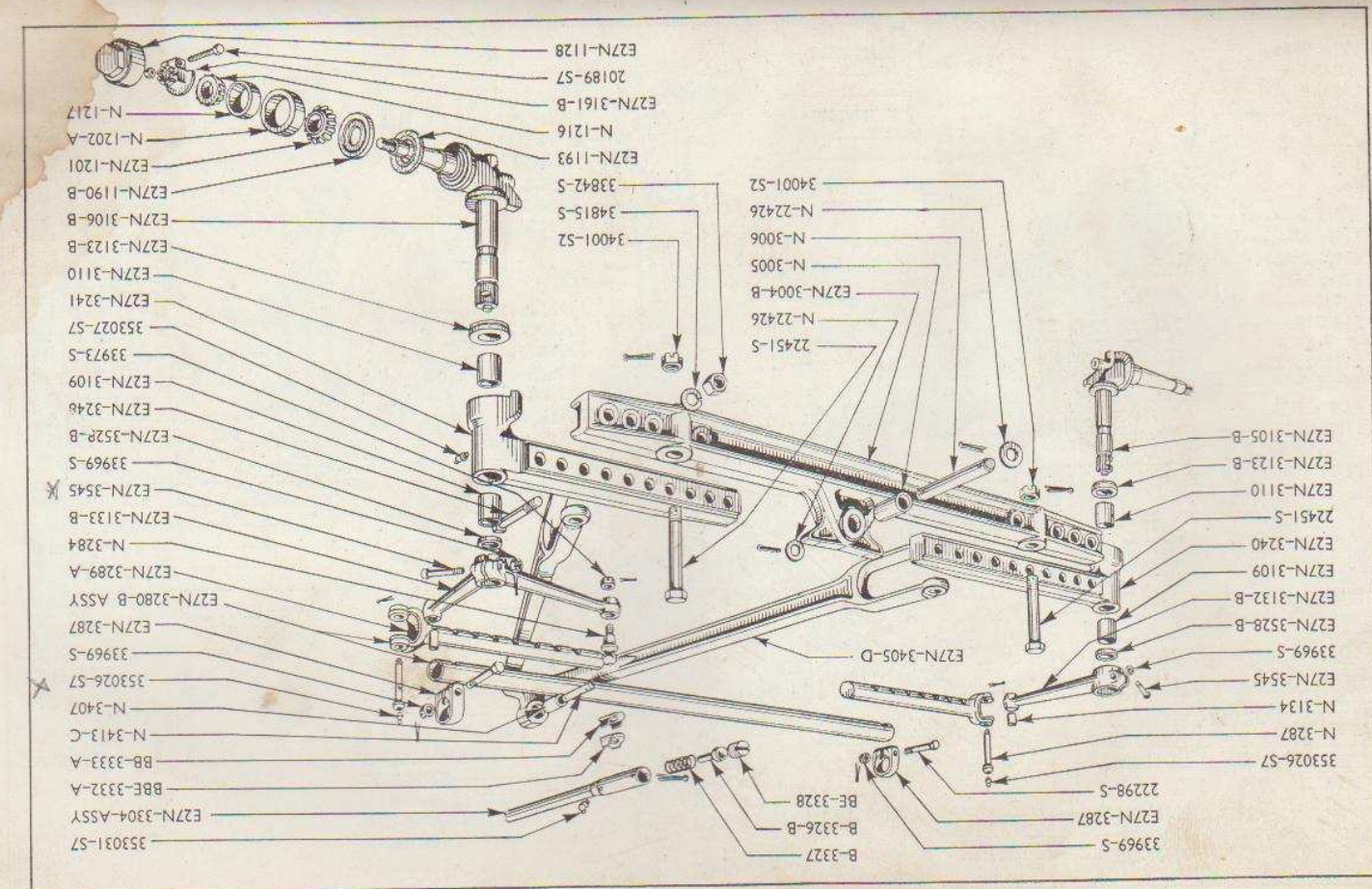


PLATE 2

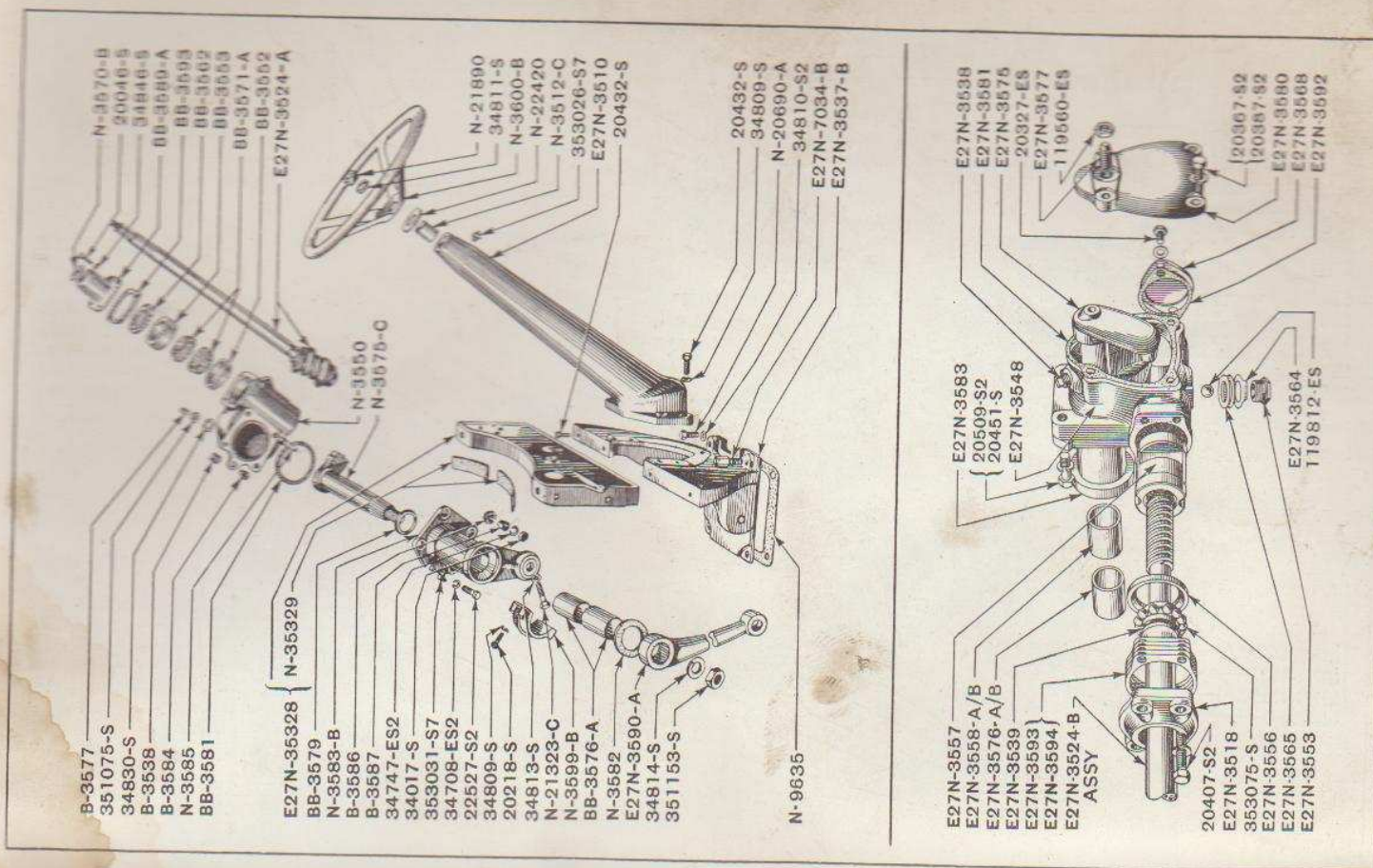


PLATE 3

Part No. Name of Part

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
S2	.....	Raven finish
S3	.....	Black Japan
S4	.....	Raven finish and black paint
S5	.....	Copper plated
S6	.....	Nickel plated
S7	.....	Cadmium plated
S8	.....	Zinc plated
S10	.....	Tinned
S12	.....	Lacquer to match trim
S13	.....	Chrome plated
S15	.....	Oxidized
S16	.....	Lead coated
S18	.....	Cyanide hardened
S19	.....	Brass plated
S20	.....	Cement coated
S21	.....	Lacquer for identification
S22	.....	Chrome plated—Butler finish
S23	.....	Rustless steel

TRACTOR STANDARD PARTS

N-20218	...Screw, $\frac{1}{8}$ "—13NF3 $\times$ 1 $\frac{13}{16}$ " drilled hex. head
N-20235-B	...Screw, No. 10—32ASME $\times$ $\frac{1}{4}$ " oval filler head
N-20690-A	...Bolt, $\frac{3}{16}$ "—12 $\times$ 1 $\frac{1}{8}$ " hex. head
N-20717	...Screw, $\frac{1}{16}$ "—24SAE $\times$ $\frac{11}{16}$ " special flat countersunk head
N-20718	...Screw, $\frac{1}{16}$ "—24NF3 $\times$ $\frac{1}{4}$ " hex. head
N-20764	...Screw, $\frac{1}{16}$ "—18 $\times$ $\frac{1}{8}$ " cap
N-20912	...Screw, $\frac{3}{8}$ "—16NC2 $\times$ 1" slotted hex. head cap
N-20965	...Screw, $\frac{3}{8}$ "—16 $\times$ $\frac{1}{8}$ " flat countersunk head
N-21200	...Screw, $\frac{1}{16}$ "—20NF2 special lock
N-21213	...Screw, $\frac{1}{8}$ "—13NC2 $\times$ $\frac{1}{8}$ " cone point headless set
N-21253	...Screw, $\frac{1}{8}$ "—13NC2 $\times$ 2" hex. head cap
N-21262-A	...Screw, $\frac{1}{8}$ "—13NC3 $\times$ 3 $\frac{1}{8}$ " cap
N-21264-A	...Screw, $\frac{1}{8}$ "—13NC3 $\times$ 3 $\frac{1}{8}$ " hex. head cap
N-21323-C	...Screw, $\frac{3}{8}$ "—10NC3
N-21330-C	...Screw, $\frac{3}{8}$ "—9 $\times$ 2 $\frac{11}{16}$ " hex. head
N-21840	...Nut, $\frac{1}{8}$ "—13NC2 square
N-21841	...Nut, $\frac{1}{8}$ "—20SAE special castle
N-21844-A	...Nut, $\frac{1}{8}$ "—20NF3 castle
N-21890	...Nut, $\frac{5}{8}$ "—16NF2 hex.
N-21943	...Nut, $\frac{3}{4}$ "—16NF3 castle
N-21949	...Nut, 1"—14NF3 slotted hex.
N-22154	...Washer, $\frac{11}{16}$ " I.D. $\times$ $\frac{1}{16}$ " thick $\times$ $\frac{1}{2}$ " O.D. plain
N-22208	...Washer, 2 $\frac{1}{4}$ " I.D. special
N-22209-B	...Washer, $\frac{1}{16}$ " special
N-22336	...Washer, $\frac{11}{16}$ " I.D. $\times$ 16USS thick $\times$ 1 $\frac{1}{4}$ " O.D. flat
N-22338	...Washer, $\frac{11}{16}$ " I.D. $\times$ $\frac{3}{16}$ " thick $\times$ 1 $\frac{1}{16}$ " O.D. flat
N-22393	...Washer, $\frac{11}{16}$ " I.D. $\times$.150"—.160" thick $\times$ 1 $\frac{1}{4}$ " O.D. flat
N-22402-B	...Washer, special flat
N-22420	...Washer, .872"—.875"/.880" I.D. $\times$ $\frac{1}{8}$ " $\times$ 1 $\frac{1}{8}$ " O.D. flat
N-22426	...Washer, 1 $\frac{1}{4}$ " I.D. $\times$.120"/.130" thick $\times$ 1 $\frac{1}{8}$ " O.D. flat
N-22617	...Bolt, $\frac{1}{16}$ "—12 $\times$ 2 $\frac{3}{8}$ " hex. drilled head
N-23028-S7	...Bolt, $\frac{1}{8}$ "—13 $\times$ 1 $\frac{1}{4}$ " square head
N-23665	...Pin, $\frac{1}{8}$ " $\times$ $\frac{1}{2}$ " plain
N-23770	...Pin, $\frac{3}{16}$ " and $\frac{1}{4}$ " $\times$ $\frac{11}{16}$ " stepped
N-23788	...Pin, $\frac{1}{4}$ " $\times$ 2 $\frac{11}{16}$ " plain with cotter holes
N-24029	...Stud, $\frac{3}{8}$ " dia. special
N-24032-B	...Stud, $\frac{3}{8}$ " dia. $\times$ 2-18"
N-24033	...Stud, $\frac{9}{16}$ " dia. $\times$ 2 $\frac{17}{32}$ " full dia. body screw
N-24035	...Stud, $\frac{9}{16}$ " dia. $\times$ 2 $\frac{1}{8}$ " full dia. body screw
Y-24452	...Plug, $\frac{1}{2}$ " standard pipe

Part No.

Name of Part

STANDARD PARTS—continued

119178-ES	... $\frac{9}{16}$ "—12 $\times$ 3 $\frac{13}{16}$ " hex. head bolt
119179-ES	... $\frac{9}{16}$ "—12 $\times$ 4 $\frac{1}{2}$ " hex. head bolt
119185-ES2	... $\frac{9}{16}$ "—11 $\times$ 8-12" hex. head bolt
119186-ES	... $\frac{9}{16}$ "—11 $\times$ 8 $\frac{1}{2}$ " hex. head bolt
119188-ES7	... $\frac{9}{16}$ "—24 $\times$ $\frac{9}{16}$ " special slotted hex. head screw
119193-ES	... $\frac{9}{16}$ "—20 $\times$ 1 $\frac{3}{8}$ " round head slotted bolt
119200-ES	... No. 4 B.A. hex. nut
119209-ES2	... No. 10—32 wing nut
119212-ES	... No. 2 B.A. hex. nut
119217-ES	... No. 1 B.A. hex. nut
119218-ES	... No. 3 B.A. hex. nut
119251-ES	... 16" $\times$ 58" $\times$.03" fibre washer
119258-ES	... $\frac{7}{16}$ " $\times$ $\frac{3}{16}$ " plain washer—brass
119279-ES	... $\frac{9}{16}$ " special plain washer
119291-ES	... No. 6 B.A. lockwasher
119296-ES	... No. 1 B.A. shakeproof lockwasher—external teeth
119297-ES	... $\frac{5}{16}$ " shakeproof washer
119407-ES	... 31" $\times$ 140"/144" $\times$ 30" semi-drilled rivet
119422-ES	... $\frac{3}{8}$ "—1 $\frac{1}{8}$ " special headless rivet
119423-ES	... $\frac{5}{16}$ " special rivet
119437-ES	... $\frac{5}{16}$ " $\times$ 1" semi-tubular rivet
119453-ES	... $\frac{11}{16}$ " $\times$ $\frac{7}{16}$ " tubular rivet
119457-ES	... $\frac{1}{8}$ " $\times$.87" rivet
119473-ES	... $\frac{3}{16}$ " $\times$ 1 $\frac{1}{2}$ " dowel pin
119559-ES	... $\frac{1}{16}$ " B.S.F. special nut
119560-ES	... $\frac{7}{16}$ "—20 special hex. locknut
119567-ES	... $\frac{1}{4}$ " Whit. special hex. nut
119580-ES	... $\frac{3}{8}$ " B.S.F. Simmonds nut
119652-ES	... $\frac{3}{8}$ " $\times$ 1" fibre washer
119658-ES7	... 15 I.D. $\times$ 250" tab washer
119691-ES	... $\frac{3}{8}$ " lockwasher
119695-ES	... Starter shaft oil seal retaining washer
119699-ES	... $\frac{1}{4}$ " insulated washer
119716-ES	... $\frac{1}{8}$ " $\times$ 4" cotter pin
119750-ES	... $\frac{1}{4}$ "—27 $\times$ $\frac{1}{16}$ " slotted pipe plug
119781-ES	... 3 $\frac{3}{32}$ " expansion plug
119810-ES	... $\frac{7}{16}$ " steel ball
119812-ES	... $\frac{9}{16}$ " steel ball
119951-ES	... $\frac{1}{16}$ " $\times$ $\frac{11}{16}$ " spring pin
119952-ES	... $\frac{1}{4}$ " $\times$ $\frac{11}{16}$ " spring pin
351075-S	... $\frac{1}{16}$ "—18 special hex. nut
351124-S	... $\frac{11}{16}$ "—20 hex. nut
351125-S	... $\frac{1}{4}$ "—16 special slotted hex. nut
351153-S	... $\frac{7}{8}$ "—14 special hex. nut
351260-S	... $\frac{9}{16}$ " special washer
351303-S	... $\frac{1}{4}$ " special plain washer
351428-ES	... $\frac{7}{16}$ " special plain washer

Part No.

Name of Part

STANDARD PARTS—continued

351499-S	... $\frac{11}{16}$ " lockwasher
351503-S	... $\frac{3}{8}$ " $\times$ 1 $\frac{1}{16}$ " special flat washer
351519-ES	... 66" $\times$ 1-18" $\times$.09" special flat washer
353026-S7/8	... $\frac{5}{16}$ " drive fit lubricator (no valve)
353026-ES7	... $\frac{5}{16}$ " drive fit check valve type lubricator
353027-S7/8	... $\frac{1}{8}$ " Briggs check valve type lubricator
353031-S7/8	... $\frac{1}{8}$ " Briggs check valve type lubricator—67 $\frac{1}{2}$ "
353043-A2/S7	... $\frac{1}{4}$ "—28 lubricator
353051-S	... $\frac{3}{4}$ " pipe plug
353055-S	... $\frac{1}{4}$ "—18 pipe plug
353075-S	... $\frac{3}{8}$ " steel ball
353076-S	... $\frac{1}{4}$ " steel ball
353080-S	... $\frac{3}{16}$ " steel ball

Part No. Name of Part

STANDARD PARTS—continued

34901-S2	...No. 6 shakeproof washer—internal teeth
34902-S	...No. 8 shakeproof washer—internal teeth
34903-S2	...No. 10 shakeproof washer—internal teeth
34904-S	...No. 12 shakeproof washer—internal teeth
34905-S2	... $\frac{1}{4}$ " shakeproof washer—internal teeth
34907-S	... $\frac{3}{8}$ " shakeproof washer—internal teeth
34909-S2	... $\frac{1}{2}$ " shakeproof washer—internal teeth
34918-S	... $\frac{1}{4}$ " heavy shakeproof washer—internal teeth
34924-ES	... $\frac{3}{8}$ " heavy shakeproof washer—internal teeth
34939-S	...No. 10 shakeproof flat washer—external teeth
34942-S	... $\frac{3}{8}$ " shakeproof flat lockwasher—external teeth
34943-S	... $\frac{7}{16}$ " shakeproof flat washer—external teeth
34952-S	...No. 10 shakeproof counter sunk washer—external teeth
35492-ES	... $\frac{3}{16}$ "— $1\frac{1}{2}$ " button head slotted screw—brass
60018-S	... $\frac{3}{16}$ " × $\frac{1}{8}$ " flat head rivet
60412-S	... $\frac{3}{16}$ " × $\frac{3}{8}$ " round head rivet
60442-S	... $\frac{1}{4}$ " × $\frac{3}{8}$ " round head rivet
60540-S	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " round head rivet
60551-S	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " round head rivet
60628-S	... $\frac{5}{16}$ " × $2\frac{1}{8}$ " round head rivet
60652-S	... $\frac{1}{2}$ " × $2\frac{3}{8}$ " round head rivet
61453-S	... $\frac{1}{2}$ " × $\frac{3}{8}$ " button head rivet
61579-S	... $\frac{1}{4}$ " × $1\frac{1}{8}$ " button head rivet
61637-S	... $\frac{3}{8}$ " × $2\frac{1}{8}$ " button head rivet
62383-S	... $\frac{3}{8}$ " × $1\frac{1}{8}$ " flat countersunk head rivet
62409-S	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " flat countersunk head rivet
64664-ES	... $\frac{11}{16}$ " × $\frac{3}{8}$ " flat countersunk head tubular brass rivet
72000-S	... $\frac{1}{8}$ " × $\frac{3}{8}$ " cotter pin
72003-S	... $\frac{1}{8}$ " × $\frac{1}{2}$ " cotter pin
72004-S	... $\frac{3}{16}$ " × $\frac{1}{2}$ " cotter pin
72005-S	... $\frac{1}{8}$ " × $\frac{1}{2}$ " cotter pin
72009-S	... $\frac{3}{16}$ " × $\frac{1}{2}$ " cotter pin
72010-S	... $\frac{1}{8}$ " × $\frac{5}{8}$ " cotter pin
72016-S	... $\frac{3}{16}$ " × $\frac{1}{2}$ " cotter pin
72017-S	... $\frac{1}{8}$ " × $\frac{1}{2}$ " cotter pin
72024-S	... $\frac{1}{16}$ " × $\frac{1}{2}$ " cotter pin
72025-S	... $\frac{3}{16}$ " × $\frac{1}{2}$ " cotter pin
72026-S	... $\frac{1}{8}$ " × $\frac{7}{8}$ " cotter pin
72035-S	... $\frac{1}{8}$ " × $1\frac{1}{8}$ " cotter pin
72044-S	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " cotter pin
72045-S	... $\frac{1}{8}$ " × $1\frac{1}{8}$ " cotter pin
72053-S	... $\frac{3}{8}$ " × $1\frac{1}{8}$ " cotter pin
72062-S	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " cotter pin
72064-S	... $\frac{3}{8}$ " × $1\frac{1}{8}$ " cotter pin
72071-S	... $\frac{1}{2}$ " × $1\frac{1}{8}$ " cotter pin
72081-S	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " cotter pin
72089-S	... $\frac{1}{8}$ " × $1\frac{1}{8}$ " cotter pin
72090-S	... $\frac{3}{16}$ " × $1\frac{1}{8}$ " cotter pin
72095-S	... $\frac{3}{8}$ " × $1\frac{1}{8}$ " cotter pin

Part No.

Name of Part

STANDARD PARTS—continued

72145-S	... $\frac{3}{16}$ " × $2\frac{1}{8}$ " cotter pin
72148-S	... $\frac{5}{16}$ " × $2\frac{1}{8}$ " cotter pin
72191-ES	... $\frac{1}{4}$ " × $\frac{1}{8}$ " groove pin
72242-ES	... $\frac{1}{8}$ " × $\frac{7}{8}$ " groove pin
72257-ES	... $\frac{1}{4}$ " × $1\frac{1}{8}$ " groove pin
72264-S	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " groove pin
72291-S8	... $\frac{1}{4}$ " × $1\frac{1}{8}$ " groove pin
72716-S	... $\frac{3}{16}$ " × $1\frac{1}{8}$ " straight pin—brass
72867-ES2	... $\frac{3}{8}$ " × $\frac{3}{8}$ " straight pin
73241-S	... $\frac{3}{16}$ " × $\frac{1}{8}$ " dowel pin
73353-ES	... $\frac{3}{16}$ "— $1\frac{1}{8}$ " dowel pin—special
73661-S	...No. 0 × $\frac{3}{8}$ " taper pin
73735-S	...No. 0 × $1\frac{1}{8}$ " taper pin
73887-S7	... $\frac{1}{4}$ " × $\frac{7}{8}$ " clevis pin
73891-S	... $\frac{1}{8}$ " × $\frac{7}{8}$ " clevis pin
73911-S	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " clevis pin
73919-S7/8	... $\frac{3}{8}$ " × $1\frac{1}{8}$ " clevis pin
73931-S7	... $\frac{5}{16}$ " × $\frac{3}{16}$ " clevis pin
73934-S7	... $\frac{7}{16}$ " × $1\frac{1}{8}$ " clevis pin
73935-S8	... $\frac{7}{16}$ " × $1\frac{1}{8}$ " clevis pin
73951-S7	... $\frac{1}{2}$ " × $1\frac{1}{8}$ " clevis pin
74006-S7	... $\frac{5}{16}$ " × $1\frac{1}{8}$ " clevis pin
74023-S	... $\frac{1}{2}$ " × $2\frac{1}{8}$ " clevis pin
74042-S	... $\frac{3}{8}$ " × $2\frac{1}{8}$ " clevis pin
74051-S	... $\frac{1}{2}$ " × $2\frac{1}{8}$ " clevis pin
74120-S	... $1\frac{1}{8}$ " expansion plug
74127-S	... $1\frac{1}{8}$ " expansion plug
74131-ES	... $2\frac{1}{4}$ " expansion plug
74151-S	... $\frac{1}{4}$ " × $\frac{1}{8}$ " Woodruff key—soft
74172-S	... $\frac{3}{8}$ " × $\frac{1}{8}$ " Woodruff key—hard
74174-S	... $\frac{1}{2}$ " × $\frac{3}{8}$ " Woodruff key—hard
74217-ES	...Filler plug button
89757-S	... $\frac{1}{4}$ "— $28 \times \frac{3}{8}$ " headless set screw
97012-S	... $\frac{5}{16}$ "—24 adjustable clevis
97013-S	... $\frac{3}{8}$ "—24 adjustable clevis
97015-S	... $\frac{1}{2}$ "—20 adjustable clevis
117770-ES	... $\frac{3}{8}$ "—18 special nut
118661-ES7/8	...No. 2 B.A. × .50 flat countersunk head screw
118765-ES	... $\frac{1}{4}$ "— $28 \times \frac{1}{4}$ " Allen screw (drilled head)
118805-ES	... $\frac{5}{16}$ " × $\frac{3}{8}$ " B.S.F. Allen screw
118806-ES	... $\frac{5}{16}$ " B.S.F. × $1\frac{1}{8}$ " hex. head set screw (special)
118807-ES	... $\frac{5}{16}$ " B.S.F. × $1\frac{1}{8}$ " hex. head set screw (special)
118810-ES	... $\frac{5}{16}$ " B.S.F. × $1\frac{1}{8}$ " hex. head set screw (special)
118861-ES	... $\frac{3}{8}$ "— $16 \times \frac{17}{32}$ " oval head screw
118901-ES	... $\frac{7}{16}$ " B.S.F. × $\frac{7}{8}$ " hex. head set screw (special)
118951-ES	... $\frac{3}{8}$ "— $13 \times 1\frac{1}{4}$ " special carriage bolt
119079-ES2	... $\frac{1}{16}$ "— $22 \times \frac{7}{8}$ " special hex. head bolt
119138-ES	... $\frac{1}{16}$ "— $22 \times \frac{11}{16}$ " special hex. head bolt
119167-ES	...No. 4 × .270" B.A. slotted hex. head bolt

Part No.

Name of Part

STANDARD PARTS—continued

26495-S	...No. 6-32 $\times \frac{3}{8}$ " round head screw
26512-S	...No. 8-32 $\times \frac{1}{2}$ " round head screw
26634-S	...No. 12-24 $\times 2\frac{3}{8}$ " round head screw
27063-S	...No. 10-32 $\times \frac{1}{8}$ " round head screw
27068-S7	...No. 10-32 $\times \frac{3}{8}$ " round head screw
27153-S	...No. 10-32 $\times 1\frac{1}{8}$ " round head screw
27161-S	...No. 10-32 $\times 1\frac{1}{4}$ " round head screw
27709-S	...No. 12-24 $\times \frac{1}{16}$ " round head screw
31052-S7	...No. 6-32 $\times \frac{7}{16}$ " fillister head screw
31145-S	... $\frac{1}{16}$ "-18 $\times 1\frac{1}{4}$ " fillister head screw
31176-S	... $\frac{1}{4}$ "-20 $\times 1\frac{1}{4}$ " fillister head screw
31583-S7/8	...No. 10-32 $\times \frac{1}{4}$ " fillister head screw
31606-S	... $\frac{1}{4}$ "-28 $\times \frac{1}{16}$ " fillister head screw
32801-S	...No. 10 $\times \frac{3}{8}$ " flat head—type A—self-tapping screw
32859-S	...No. 10 $\times \frac{1}{2}$ " round head—type A—self-tapping screw
32873-S	...No. 10 $\times \frac{3}{4}$ " round head—type A—self-tapping screw
32914-S	...No. 6 $\times \frac{3}{8}$ " binding head self-tapping screw
33782-S	... $\frac{1}{4}$ "-28 hex. nut
33786-S	... $\frac{3}{8}$ "-24 hex. nut
33795-S	... $\frac{1}{2}$ "-20 hex. nut
33797-S16	... $\frac{5}{16}$ "-18 hex. nut
33798-S2	... $\frac{1}{16}$ "-24 hex. nut
33799-S	... $\frac{3}{8}$ "-16 hex. nut
33800-ES7/8	... $\frac{3}{8}$ "-24 hex. nut
33802-S	... $\frac{7}{16}$ "-20 hex. nut
33811-S	... $\frac{1}{16}$ "-18 hex. nut—brass
33831-S	... $\frac{1}{8}$ "-13 hex. nut
33832-S	... $\frac{1}{2}$ "-20 hex. nut
33836-S2	... $\frac{3}{8}$ "-18 hex. nut
33836-ES8-C	... $\frac{1}{8}$ "-20 special hex. nut
33842-S	...1"-14 hex. nut
33847-S7	... $\frac{1}{16}$ "-12 hex. nut
33848-S7	... $\frac{1}{16}$ "-18 hex. nut
33849-S	... $\frac{1}{8}$ "-11 hex. nut
33850-S	... $\frac{1}{8}$ "-18 hex. nut
33851-S	... $\frac{1}{2}$ "-10 hex. nut
33871-S	... $\frac{1}{8}$ "-18 hex. nut
33895-S	... $\frac{1}{4}$ "-20 hex. nut (winged)
33911-S	... $\frac{3}{8}$ "-24 hex. check nut
33913-S	... $\frac{1}{16}$ "-20 hex. check nut
33923-S	... $\frac{1}{16}$ "-24 hex. check nut
33943-ES7	... $\frac{1}{4}$ "-20 hex. check nut
33947-S	... $\frac{3}{8}$ "-18 hex. check nut
33967-S	... $\frac{7}{16}$ "-20 thin slotted hex. nut
33968-S	... $\frac{1}{2}$ "-13 thin slotted hex. nut
33969-S	... $\frac{1}{2}$ "-20 thin slotted hex. nut
33973-S	... $\frac{3}{8}$ "-18 thin slotted hex. nut
34001-S2	... $\frac{1}{2}$ "-16 thin slotted hex. nut
34003-S	... $\frac{7}{8}$ "-14 thin slotted hex. nut

Part No.

Name of Part

STANDARD PARTS—continued

34017-S	... $\frac{3}{8}$ "-24 thick slotted hex. nut
34020-S	... $\frac{1}{16}$ "-18 thick slotted hex. nut
34021-S	... $\frac{5}{8}$ "-18 thick slotted hex. nut
34028-S	... $\frac{1}{4}$ "-28 thick slotted hex. nut
34051-S7	...No. 6-32 hex. nut
34052-S	...No. 8-32 hex. nut
34054-S	...No. 12-24 hex. nut
34079-S	...No. 10-32 hex. head
34141-S	...No. 10-32 plain square nut
34440-S2	... $\frac{1}{4}$ "-20 hex. self-locking thick nut
34703-S	...No. 10 flat washer
34704-S2	...No. 12 flat washer
34705-S2	... $\frac{1}{4}$ " flat washer
34707-S	... $\frac{3}{8}$ " flat washer
34708-ES2	... $\frac{1}{16}$ " special flat washer
34709-S	... $\frac{1}{2}$ " flat washer
34742-S2	...No. 8 flat washer
34745-S2	... $\frac{1}{4}$ " flat washer
34746-S	... $\frac{1}{16}$ " flat washer
34747-S7	... $\frac{3}{8}$ " flat washer
34747-ES2	... $\frac{3}{8}$ " $\times$.67 $\times \frac{1}{16}$ " special flat washer
34748-S2	... $\frac{7}{16}$ " flat washer
34751-S	...No. 6 flat washer—brass
34761-S	... $\frac{3}{8}$ " flat washer
34766-S	...1 $\frac{1}{4}$ " flat washer
34801-S	...No. 6 lockwasher
34802-S	...No. 8 lockwasher
34803-S	...No. 10 lockwasher
34804-S	...No. 12 lockwasher
34805-S	... $\frac{1}{4}$ " lockwasher
34806-S	... $\frac{5}{16}$ " lockwasher
34807-S	... $\frac{3}{8}$ " lockwasher
34808-S	... $\frac{1}{16}$ " lockwasher
34809-S	... $\frac{1}{8}$ " lockwasher
34810-S	... $\frac{8}{16}$ " lockwasher
34811-S	... $\frac{1}{8}$ " lockwasher
34813-S	... $\frac{3}{4}$ " lockwasher
34814-S	... $\frac{7}{8}$ " lockwasher
34815-S	...1" lockwasher
34825-S	... $\frac{1}{4}$ " light lockwasher
34826-S	... $\frac{1}{16}$ " light lockwasher
34827-S	... $\frac{3}{8}$ " light lockwasher
34830-S	... $\frac{9}{16}$ " light lockwasher
34842-S	...No. 8 heavy lockwasher
34846-S	... $\frac{5}{16}$ " heavy lockwasher
34846-ES	... $\frac{9}{16}$ " special lockwasher
34847-ES2	... $\frac{3}{8}$ " heavy lockwasher

Part No. Name of Part

STANDARD PARTS—continued

20065-S	... 1/4"-28 x 1 1/2"	hex. head bolt
20085-S	... 1/4"-28 x 1"	hex. head bolt
20130-S	... 7/16"-14 x 1 1/2"	hex. head bolt
20170-S	... 7/16"-14 x 1 1/2"	hex. head bolt
20189-S7	... 3/8"-24 x 1 1/2"	hex. head bolt
20218-S	... 1/2"-13 x 1 1/2"	hex. head bolt
20229-S	... 3/8"-24 x 2 1/2"	hex. head bolt
20300-S	... 1/4"-20 x 3/8"	hex. head bolt
20308-S	... 1/4"-20 x 1/2"	hex. head bolt
20310-S	... 3/16"-18 x 3/8"	hex. head bolt
20324-S	... 1/4"-20 x 3/8"	hex. head bolt
20325-S	... 1/4"-28 x 3/8"	hex. head bolt
20327-ES	... 3/16"-24 x 3/8"	special hex. head bolt
20344-S	... 1/4"-20 x 3/8"	hex. head bolt
20345-S	... 1/4"-28 x 3/8"	hex. head bolt
20348-S	... 3/8"-16 x 3/8"	hex. head bolt
20350-S	... 7/16"-14 x 3/8"	hex. head bolt
20352-S	... 3/8"-13 x 3/8"	hex. head bolt
20353-S	... 1/2"-20 x 3/8"	hex. head bolt
20366-S2	... 3/16"-18 x 3/8"	hex. head bolt
20367-S2	... 3/16"-24 x 7/8"	hex. head bolt
20368-S2	... 3/8"-16 x 3/8"	hex. head bolt
20372-S2	... 3/8"-13 x 3/8"	hex. head bolt
20384-S	... 1/2"-20 x 1"	hex. head bolt
20386-S	... 3/16"-18 x 1"	hex. head bolt
20387-S2	... 3/16"-24 x 1"	hex. head bolt
20388-S	... 3/8"-16 x 1"	hex. head bolt
20390-S	... 7/16"-14 x 1"	hex. head bolt
20406-S	... 7/16"-18 x 1 1/8"	hex. head bolt
20407-S2	... 7/16"-24 x 1 1/8"	hex. head bolt
20408-S2	... 3/8"-16 x 1 1/8"	hex. head bolt
20410-S	... 7/16"-14 x 1 1/8"	hex. head bolt
20412-S	... 1/2"-13 x 1 1/8"	hex. head bolt
20426-S2	... 3/16"-18 x 1 1/8"	hex. head bolt
20432-S	... 1/2"-13 x 1 1/8"	hex. head bolt
20446-S2	... 7/16"-18 x 1 1/8"	hex. head bolt
20450-ES	... 7/16"-14 x 1 1/8"	hex. head bolt
20451-S	... 7/16"-20 x 1 1/8"	hex. head bolt
20464-S	... 1/4"-20 x 1 1/2"	hex. head bolt
20466-S2	... 7/16"-18 x 1 1/8"	hex. head bolt
20471-S	... 3/16"-20 x 1 1/8"	hex. head bolt
20472-S	... 1/2"-13 x 1 1/8"	hex. head bolt
20484-S	... 1/4"-20 x 1 1/8"	hex. head bolt
20488-S	... 3/8"-16 x 1 1/8"	hex. head bolt
20492-S	... 1/2"-13 x 1 1/8"	hex. head bolt
20508-ES	... 7/16"-14 x 1 1/8"	hex. head bolt (drilled head)

Part No. Name of Part

STANDARD PARTS—continued

20509-S2	... 7/16"-20 x 1 1/8"	hex. head bolt
20510-S	... 3/8"-13 x 1 1/8"	hex. head bolt
20517-S	... 7/16"-20 x 1 1/8"	hex. head bolt
20517-ES	... 7/16"-20 x 1 1/8"	special hex. head bolt
20518-S2	... 3/8"-13 x 1 1/8"	hex. head bolt
20708-S	... 3/16"-12 x 1 1/8"	hex. head bolt
20728-S	... 3/8"-11 x 1 1/8"	hex. head bolt
20798-ES	... 7/16"-12 x 2 1/8"	hex. head bolt
21008-S	... 7/16"-12 x 1 1/8"	hex. head bolt
21010-S	... 3/8"-11 x 1 1/8"	hex. head bolt
21026-S	... 7/16"-12 x 1 1/8"	hex. head bolt
21029-S2	... 3/8"-18 x 1 1/8"	hex. head bolt
21044-S	... 3/16"-12 x 1 1/8"	hex. head bolt
21047-S2	... 3/8"-18 x 1 1/8"	hex. head bolt
21055-S	... 3/8"-11 x 1 1/8"	hex. head bolt
21062-S	... 7/16"-12 x 2"	hex. head bolt
21080-S	... 7/16"-12 x 2 1/8"	hex. head bolt
21083-S	... 3/8"-12 x 2 3/8"	hex. head bolt
21089-S	... 3/8"-11 x 2 1/8"	hex. head bolt
21100-S	... 3/8"-18 x 3"	hex. head bolt
21119-S	... 7/16"-18 x 2 1/8"	hex. head bolt—wire size body
21282-S	... 1/4"-28 x 1 1/8"	hex. head bolt—wire size body
21490-S	... 7/16"-20 x 2 1/8"	hex. head bolt—wire size body
21520-S7	... 1/4"-20 x 2 3/8"	hex. head bolt
21545-S2	... 1/4"-20 x 2 1/8"	hex. head bolt
22016-S	... 1/4"-20 x 2 1/8"	hex. head bolt—wire size body
22298-S	... 1/4"-20 x 2 1/8"	hex. head bolt (end drilled)
22391-S	... 1/4"-16 x 4"	hex. head bolt (end drilled)
22451-S	... 3/4"-16 x 5 1/4"	hex. head bolt (end drilled)
22513-S	... 3/8"-16 x 3/8"	hex. head bolt (drilled head)
22527-S2	... 7/16"-14 x 1 1/8"	hex. head bolt (drilled head)
22536-S	... 1/2"-13 x 1 1/8"	hex. head bolt (drilled head)
22606-S	... 3/8"-24 x 3/8"	hex. head bolt (drilled head)
22622-S	... 3/8"-24 x 7/8"	hex. head bolt (drilled head)
22732-S2	... 3/8"-16 x 1 1/8"	hex. head bolt (oval top)
23017-S16	... 7/16"-18 x 1 1/8"	square head bolt
23103-ES	... 3/4"-10 x 3 1/8"	square head bolt
23439-S2	... 3/8"-24 x 1 1/8"	carriage bolt
23569-S	... 3/8"-18 x 2 3/8"	carriage bolt
24662-S	... No. 8-32 x 3/4"	flat head bolt
25704-ES	... 3/8"-18 x 1 1/8"	special hex. head bolt (end drilled)
26466-S	... No. 6-32 x 3/8"	round head screw
26467-S	... No. 8-32 x 3/8"	round head screw
26480-S	... No. 8-32 x 3/8"	round head screw
26483-S2	... 1/4"-20 x 1 1/8"	round head screw
26484-S2	... 7/16"-18 x 1 1/8"	round head bolt
26491-S	... 1/4"-20 x 1 1/8"	round head bolt

Part No.

Name of Part

STANDARD PARTS.

SPN-103-Z	... $\frac{3}{8}$ " B.S.P. hex. union nut—nipple type
AN-104	... No. 4 B.A. hex. nut
FN-104-K	... $\frac{1}{4}$ " B.S.F. hex. nut
FP-104/16-A	... $\frac{1}{16}$ " $\times \frac{1}{8}$ " cotter pin
FW-104-A	... $\frac{1}{8}$ " plain washer
WB-105/3-A	... $\frac{5}{16}$ " Whit. $\times \frac{1}{8}$ " hex. head bolt
WB-105/8	... $\frac{5}{16}$ " Whit. $\times \frac{1}{4}$ " hex. head bolt
FN-105-K-S7	... $\frac{5}{16}$ " B.S.F. hex. nut
FS-106/4-S2	... $\frac{3}{8}$ " B.S.F. $\times \frac{1}{8}$ " hex. head screw
WB-106/5-A1	... $\frac{3}{8}$ " Whit. $\times \frac{1}{8}$ " hex. head bolt
WB-106/9-B	... $\frac{3}{8}$ " B.S.F. $\times \frac{1}{4}$ " hex. head bolt
WB-106/9-A1	... $\frac{3}{8}$ " Whit. $\times \frac{1}{4}$ " hex. head bolt
WB-106/11-A1	... $\frac{3}{8}$ " Whit. $\times \frac{1}{2}$ " hex. head bolt
FN-106-K	... $\frac{3}{8}$ " B.S.F. hex. nut
FP-106/20-A	... $\frac{3}{32}$ " $\times \frac{1}{8}$ " cotter pin
FW-106-A	... $\frac{3}{8}$ " plain washer
FWB-108/10-B	... $\frac{1}{2}$ "—12 Whit. $\times \frac{1}{4}$ " special hex. head bolt
FWB-108/13-D	... $\frac{1}{2}$ "—12 Whit. $\times \frac{1}{8}$ " special hex. head bolt
FN-108-K	... $\frac{1}{2}$ " B.S.F. hex. nut
SW-108	... $\frac{1}{4}$ " lockwasher
WN-108-K	... $\frac{1}{2}$ " Whit. hex. nut
FW-109-A	... $\frac{9}{16}$ " plain washer
FWB-110/11-D	... $\frac{5}{8}$ "—11 Whit. $\times \frac{1}{8}$ " special hex. head bolt
FWB-110/13-D	... $\frac{5}{8}$ "—11 Whit. $\times \frac{1}{8}$ " special hex. head bolt
FWB-110/20-D	... $\frac{5}{8}$ "—11 Whit. $\times \frac{1}{2}$ " special hex. head bolt
SW-110	... $\frac{5}{8}$ " lockwasher
FWB-112/14-D	... $\frac{3}{4}$ "—10 Whit. $\times \frac{1}{4}$ " special hex. head bolt
FWB-112/19-D	... $\frac{3}{4}$ "—10 Whit. $\times \frac{3}{8}$ " special hex. head bolt
FWB-112/26-D	... $\frac{3}{4}$ "—10 Whit. $\times \frac{3}{4}$ " special hex. head bolt
WN-112-K	... $\frac{3}{4}$ " Whit. hex. nut
SW-112	... $\frac{3}{8}$ " lockwasher
WN-114-K	... $\frac{3}{8}$ " Whit. hex. nut
FN-206-K	... $\frac{3}{8}$ " B.S.F. lock nut
AB-302/12-A	... No. 2 B.A. $\times \frac{3}{4}$ " flat countersunk head bolt
AB-303/9-A	... No. 3 B.A. $\times \frac{9}{16}$ " flat countersunk head bolt
FFB-504/4-A1	... $\frac{1}{4}$ " B.S.F. $\times \frac{1}{2}$ " special round head bolt
AB-600/4-A	... No. 0 B.A. $\times \frac{1}{4}$ " cheese head bolt
AB-602/4-A	... No. 2 B.A. $\times \frac{1}{4}$ " cheese head bolt
AB-602/8-A	... No. 2 B.A. $\times \frac{1}{2}$ " cheese head bolt
AB-602/12-A	... No. 2 B.A. $\times \frac{3}{4}$ " cheese head bolt
AB-604/6-A	... No. 4 B.A. $\times \frac{3}{8}$ " cheese head bolt
AB-605/6-A	... No. 5 B.A. $\times \frac{3}{8}$ " cheese head bolt
20013-S	... $\frac{3}{8}$ "—24 $\times \frac{1}{2}$ " hex. head bolt
20028-S2	... $\frac{3}{8}$ "—16 $\times \frac{5}{8}$ " hex. head bolt
20046-S	... $\frac{3}{8}$ "—18 $\times \frac{3}{4}$ " hex. head bolt
20049-S	... $\frac{3}{8}$ "—24 $\times \frac{3}{4}$ " hex. head bolt

Part No.	Name of Part	Remarks	Qty. Req.
TRACTORS WITH PERKINS P6T ENGINE—continued			
E27N	—14366-A...Wire (ammeter to fuse box and regulator)	.....	1
E27N	—14367-A...Loom (starter, heater and generator to instrument box) assy.	Up to Jan., 1950	1
E27N	—14367-B...Loom (starter, heater and generator to instrument box) assy.	Jan./Nov. 1950	1
†E27N	—14367-C...Loom (starter, heater and generator to instrument box) assy.	Nov. 1950 onward	1
E83W	—14370...Wire (battery to ammeter feed) assy.	.....	1
◇E27N	—14401-E...Wiring (lighting main)	.....	1
YE	—14409-B...Wire (windscreen wiper motor) assy.	Ind.	1
E27N	—14525...Box (fuse) assy.	.....	1
E27N	—14526...Fuse (circuit)	.....	1
E27N	—14528...Cover (fuse box)	.....	1
E27N	—14535...Clip (fuse box cover)	.....	1
E27N	—14545...Support (pipes to steering housing) assy.	.....	1
B	—14587-A...Grommet (fuse box wiring hole)	.....	1
E27N	—14592-C...Clip (wiring to instrument box)	.....	2
B	—14606-A...Grommet (cable to mudguard platform)	Ind.	1
E27N	—14649...Conduit (starter cable) assy.—front	Except Ind.	1
E27N	—14651-A...Conduit (starter cable) assy.—rear	Ind.	1
E27N	—14651-B...Conduit (starter cable) assy.—rear	.....	1
E27N	—14653...Clamp (conduit to crankcase)	.....	2
E27N	—14655...Clamp (conduit to dash)	Except Ind.	1
E27N	—14656-A...Clamp (conduit to clutch half housing)	Except Ind.	1
E27N	—14656-B...Clamp (conduit to clutch half housing)	Ind.	1
E27N	—16313-E...Mudguard assy.—L.H.	Except Ind.	1
E27N	—17006-C...Box (tool) assy.	July, 1950 onward	1
E27N	—17014...Spanner ($\frac{7}{16}$ " $\times$ $\frac{1}{2}$ " open end)	.....	1
E27N	—17023...Spanner ($\frac{3}{16}$ " B.S.F.)—tappet	.....	1
E27N	—17036-B...Handle (starting crank) assy.	.....	1
E27N	—17043...Spanner ($\frac{5}{16}$ " B.S.F.)—tappet	.....	1
E27N	—17050...Pin (starting handle)	In E27N-17088	1
E27N	—17086...Tommy bar	.....	1
E27N	—17088...Box spanner ($\frac{3}{16}$ " B.S.F.) assy.	.....	1
ET7	—17508...Motor (windscreen wiper) assy.—electric	Ind.	1
E27N	—17520...Wire (windscreen wiper motor feed)	Ind. In Cab	1
ET6	—17528...Blade (windscreen wiper) assy.	Ind.	1
ET6	—17529...Arm (windscreen wiper) assy.	Ind.	1
E27N	—18229-E...Pipe (induction)	.....	1
E27N	—18231...Hose (induction pipe to venturi adaptor)	.....	1
E27N	—18232...Hose (air cleaner to induction pipe)	.....	1
E27N	—18238-B...Clamp (air cleaner inlet pipe to dash)	Except Ind.	1
E27N	—19195-C...Rod (governor control) and ratchet assy.	Ind.	1
CE	—46122-E...Key (lighting and starter isolation switch)	.....	1
E27N	—99185...Pipe (primary to secondary fuel filter) assy.	.....	1
E27N	—99189...Pipe (fuel tap to sediment bulb) assy.	.....	1
119981-ES	...Nipple	.....	2

◇With electric lighting and starter.

† Use with single pole heater plug.

Part No.	Name of Part	Remarks	Qty. Req.
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TRACTORS WITH PERKINS P6T ENGINE—continued

SPN-103-Z	...Nut		2
E27N	—99194...Filter (primary fuel) assy.		1
E27N	—99195...Union (primary fuel filter)	.....	1
E27N	—99196...Washer (primary fuel filter union)	.....	1
E27N	—99197...Bolt (primary fuel filter outlet)	.....	1
E27N	—115050...Pulley and drive gear assy.—complete	.....	1
N	—115090-D...Handle (pulley drive gear shifter)	.....	1
BE	—970928-S2 Nut (cover to instrument box)	.....	4
E27N	—8100116-B Front end (body) assy.	.....	1
E27N	—8151162-B Frame (canopy roof side)—R.H.	Ind.	1
E27N	—8151163-B Frame (canopy roof side)—L.H.	Ind.	1
E27N	—8151900-B Cover (canopy)	Ind.	1

Part No.	Name of Part	Qty. Req.	Remarks
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TRACTORS WITH

PERKINS P6T ENGINE.

List of Service parts, of Ford supply, peculiar to above tractors.

(See Note in front of Parts List)

ET6	-2326	Washer (fuel connection to fuel valve)	1	Fibre
E27N	-2780-C	Lever (hand brake) assy.	1	
E27N	-3006	Trunnion (front axle)	1	
119716-ES		Cotter (radius rod)—rear	1	
◇CE	-3686	Cylinder (switch lock) and keys assy	1	In YE-11654-B
E27N	-5151-B	Carrier (battery) assy.—complete	1	
§E27N	-5153	Brace (battery carrier to trans. housing)	1	
E27N	-5154-C	Platform (battery) and hinge assy.	1	
E27N	-5155-C	Bolt (battery carrier hinge)	1	With welded bolts
E27N	-5158	Stay (battery platform)	2	
E27N	-5162-B	Clamp (battery) and cover assy.—R.H.	1	
E27N	-5165-A	Clamp (battery) and cover assy.—L.H.	1	
E27N	-5183	Pad (battery platform)	1	
E27N	-5230-D	Silencer assy.	1	Except Ind.
E27N	-5230-E	Silencer assy.	1	Ind.
E27N	-5256-E	Bracket (silencer outlet pipe)	1	Except Ind.
E27N	-5263	Support (exhaust pipe)	1	Except Ind.
E27N	-5264	Clip (exhaust pipe support)	1	
E27N	-7200-C	Gear change assy.	1	
E27N	-7210-C	Lever (gear shifter)	1	Less pressure cap
E27N	-8000-E	Radiator assy.—c/w tanks	1	With pressure cap
E27NS	-8000-B	Radiator assy.—c/w tanks	1	
E27N	-8080	Tank (radiator bottom)	1	Up to March 1951
E27N	-8081	Gasket (water outlet bottom)	1	
E27N	-8087	Outlet (radiator)	1	
E27N	-8090-C	Member (radiator side)—R.H.	1	
E27N	-8221	Plate (radiator grille ornament fixing)	1	
E27N	-8286	Hose (water pipe)	2	
60E	-8287-B	Clip (radiator hose)	4	
E27N	-8291	Pipe (bottom bend to pump)	1	
E27N	-8292	Pipe (water outlet to radiator)	1	Up to March 1951
E27N	-8522-A	Packing (water pump outlet)—015"	As req.	As req.
E27N	-8522-B	Packing (water pump outlet)—06"	As req.	As req.
E27N	-8527	Housing (outlet to radiator top tank)	1	March 1951 onward
E27N	-8541	Gasket (water pump housing adaptor)	1	March 1951 onward
N	-9003-B	Tank (fuel) assy.	1	Central filler
E27N	-9155-E	Bulb (sediment) assy.	1	
E27N	-9160-C	Body (sediment bulb)	1	

◇ With electric lighting and starter.

§ Required only when Roadless half-track or County full-track is fitted.

TRACTORS WITH PERKINS P6T ENGINE—continued

E27N	-9180	Bracket (primary fuel filter)	1	
20170-S		Screw (bracket to trans. housing)	2	
E27N	-9189-A	Valve (fuel) assy.	1	
E27N	-9244	Washer (primary filter inlet connection)	3	
E27N	-9249	Connection (fuel tank to valve)	1	
E27N	-9251	Pipe (oil filter to pressure gauge) assy.	1	
E62A	-9253	Nipple (oil filter to pressure gauge pipe)	1	
E62A	-9257	Nut (oil filter to pressure gauge pipe)	1	
E27N	-9273-A	Gauge (oil pressure) assy.	1	2-31" dia.
E27N	-9273-B	Gauge (oil pressure) assy.	1	2-06" dia.
E27N	-9321	Pipe (Kigass pump to C.A.V. unit) assy.	1	
E27N	-9325	Pipe (Kigass pump to manifold) assy.	1	
E62A	-9628	Clip (air cleaner induction pipe)	4	
E27N	-9680-B	Cleaner (primary air) assy.	1	
E27N	-9737	Spring (throttle control return)	1	
E27N	-9741	Plate (throttle control return spring)	1	
E27N	-9775	Rod (throttle control) assy.	1	Except Ind.
E27N	-10655-B	Battery assy.—charged	2	
E27N	-10657-B	Battery assy.—uncharged	2	
E27N	-10660-B	Case (battery)	2	
E27N	-10720-B	Plug (battery filler)	2	
E27N	-11450-C	Switch (starter) assy.	6	
AB-602/8-A		Screw (switch to instrument box)	1	
ET6	-11513	Clip (Kigass pump pipe to cyl. block)	4	
■E27N	-11575	Switch (starter isolation) assy.	1	Includes key
■E27N	-11576	Key (starter isolation switch)	1	
E27N	-11635	Switch (heater) assy.	1	
AB-602/8-A		Screw (switch to instrument box)	4	
◇YE	-11654-B	Switch (lighting and starter isolation) assy.	1	Includes cyl. and keys
◇E27N	-11655	Cover (lighting and starter isolation switch)	1	
■E27N	-11850-A	Box (instrument) assy.—c/w wiring	1	
E27N	-11850-B	Box (instrument) assy.—c/w wiring	1	
E27N	-11851	Box (instrument) and support bracket	1	
E27N	-11854-A	Cover (instrument box)	1	
E27N	-11855	Bracket (steering to instrument box)	1	
E27N	-11858-A	Bracket (oil pressure gauge)	1	2-31" dia. hole
E27N	-11858-B	Bracket (oil pressure gauge)	1	2-06" dia. hole
■E27N	-14000-F	Installation (electric lighting)	1	
E27N	-14129	Wire (starter switch to isolation switch) assy.	1	
◇E27N	-14202-A	Wire (horn button to lighting switch) assy.	1	
E27N	-14299	Cable (starter motor to earth) assy.	1	
E27N	-14300-C	Cable (starter motor to battery) assy.	1	
E27N	-14301-C	Connection (battery to earth) assy.	1	
E27N	-14322-B	Cable (battery connecting) assy.	1	
◇E27N	-14364	Wire (regulator to lighting switch) assy.	1	With electric lighting and starter.

■ With starter—less electric lighting.

Part No.	Name of Part	Year	Remarks	Qty. Req.
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HYDRAULIC POWER LIFT—continued

LINKAGE FOR FRONT MOUNTED POTATO COVERER—continued

E27N	—995463	Pin (upper lifting link to potato cover)	1945/—	2
E27N	—995217	Linch pin	1945/—	4
E27N	—995225	Linch pin, clip, chain and ring assy.	1945/—	4
E27N	—995279	Ring (linch pin)	1945/—	4
E27N	—995466	Bush (lifting links)	1945/—	10
E27N	—995470	Bracket (lower lifting link guide)	1945/—	4
FWB-112/26-D	Bolt (bracket to channel to spacer to bracket)	1945/—		4
WN-112-K	Nut	1945/—		4
34813-S	Lockwasher	1945/—		4
E27N	—995471	Spacer (lower lifting link guide bracket)	1945/—	6
FWB-112/19-D	Bolt (spacer to bracket)	1945/—		2
WN-112-K	Nut	1945/—		2
34813-S	Lockwasher	1945/—		2
E27N	—995475	Lever (linkage crank) assy.	1945/—	2
E27N	—995419	Pin (crank lever fulcrum)	1945/—	2
E27N	—995424	Washer	1945/—	4
72090-S	Cotter	1945/—		4

For Part Nos. 995851 to 995892 see previous Section

BODY

(Industrial Tractor only)

Δ E27N	—8100116-A	Front end (body) assy.	1947/—	1
E27N	—8103100	Glass (windscreen)	1947/—	1
E27N	—8151121	Frame (canopy)—rear	1947/—	1
Δ E27N	—8151162-A	Frame (canopy roof side)—R.H.	1947/—	1
Δ E27N	—8151163-A	Frame (canopy roof side)—L.H.	1947/—	1
E27N	—8151415	Rib (canopy roof)—intermediate	1947/—	1
Δ E27N	—8151900-A	Cover (canopy)	1947/—	1
E27N	—8152500	Curtain (canopy back)	1947/—	1

Δ Except Diesel.

FORDSON MAJOR TRACTOR SPARE PARTS LIST

Page 84	Part No.	Name of Part	Year	Remarks	Qty. Req.
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HYDRAULIC POWER LIFT—continued

LINKAGE FOR FRONT MOUNTED POTATO COVERER—continued

FWB-108/13-D	Bolt (brackets to channel)	1945/—		12
WN-108-K	Nut	1945/—		12
E27N	—995425	Washer	1945/—	12
34809-S	Lockwasher	1945/—		6
E27N	—995419	Pin (front mounted linkage)	1945/—	1
E27N	—995420	Bracket (linkage channel side support)—R.H. rear	1945/—	1
E27N	—995421	Bracket (linkage channel side support)—L.H. rear	1945/—	1
FWB-110/13-D	Bolt (bracket to trans. housing)	1945/—		8
34811-S	Lockwasher	1945/—		8
E27N	—995422	Bracket (linkage channel side support)—R.H. front	1945/—	1
E27N	—995423	Bracket (linkage channel side support)—L.H. front	1945/—	1
FWB-112/14-D	Bolt (bracket to front support bracket)	1945/—		4
WN-112-K	Nut	1945/—		4
34813-S	Lockwasher	1945/—		4
E27N	—995424	Washer (linkage pin)	1945/—	12
E27N	—995425	Washer (linkage channel)	1945/—	1
E27N	—995426	Bracket (linkage channel front support)	1945/—	4
FWB-112/14-D	Bolt (bracket to front cylinder cover)	1945/—		4
34813-S	Lockwasher	1945/—		2
E27N	—995430	Link (compression) assy.	1945/—	2
E27N	—995282	Pin (link to pump lift arm)	1945/—	2
72035-S	Cotter	1945/—		2
PT2A-1112	Pin (clevis)	1945/—		2
72064-S	Cotter	1945/—		2
E27N	—995440	Link (tension) assy.	1945/—	4
PT2A-1112	Pin (clevis)	1945/—		4
72064-S	Cotter	1945/—		2
†E27N	—995443	Clevis (tension link)—adjustable	1945/47	2
E27N	—995451	Link (lower lifting) assy.	1945/—	2
E27N	—995419	Pin (link to bracket)	1945/—	4
E27N	—995424	Washer	1945/—	4
72090-S	Cotter	1945/—		4
E27N	—995456	Pin (lower lifting link to potato cover)	1945/—	2
E27N	—995460	Link (upper lifting) assy.—R.H.	1945/—	1
E27N	—995461	Link (upper lifting) assy.—L.H.	1945/—	1
E27N	—995419	Pin (link fulcrum)	1945/—	2
E27N	—995424	Washer	1945/—	4
72090-S	Cotter	1945/—		4

† Adjustable clevis discontinued in 1947 and welded clevis fitted in its place.

Part No.	Name of Part	Year	Remarks	Qty. Req.
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HYDRAULIC POWER LIFT—continued

AUTOMATIC CLUTCH RELEASE—continued

E27N —995334	...Rod (A.C.R. sector to fulcrum link)	1945/—		1
97013-S	...Clevis (adjustable)	1945/—		1
33911-S	...Nut (clevis locking)	1945/—		1
73919-S	...Pin (clevis)—rod to sector	1945/—		1
72017-S2	...Cotter	1945/—		1
74051-S	...Pin (clevis)—rod to fulcrum link	1945/—		1
34709-ES	...Washer	1945/—		1
72035-S	...Cotter	1945/—		1
BBE-2472-X	...Spring (rod retracting)	1945/—		1
7V-13512	...Clamp (rod retracting spring)	1945/—		1
20384-S2	...Bolt (clamping)	1945/—		1
33795-S2	...Nut	1945/—		1
E27N —995338	...Lever (A.C.R. plunger hand)	1945/—		1
73934-S	...Pin (clevis)—lever to sector	1945/—		1
72017-S2	...Cotter	1945/—		1
E27N —995340	...Sector (automatic clutch release)	1945/—		1
E27N —995347	...Plunger (A.C.R. sector)	1945/—		2
72191-ESB	...Pin (grooved)	1945/—		2
E27N —995349	...Spring (A.C.R. sector plunger)	1945/—		1
E27N —995388	...Plug (A.C.R. cyl. air bleed)	1945/—		1
BE-9357	...Plug (A.C.R. cyl. fluid level adj.)	1945/—		1
E27N —995390	...Washer (A.C.R. cyl. fluid level adj. plug)	1945/—		1
	...Washer (A.C.R. cyl. rear cover air bleed plug)	1945/—		1

For Part Nos. 995400 to 995475 see next Section

E27N —995351	...Piston (A.C.R. cylinder)	1945/—		1
89757-S	...Screw (piston to piston rod)	1945/—		1
E27N —995353	...Seal (A.C.R. cylinder piston)	1945/—		1
E27N —995355	...Spring (A.C.R. cyl. filler valve)	1945/—		1
E27N —995356	...Cover (A.C.R. cyl. front)	1945/—		1
20390-S	...Screw (cover to cylinder)	1945/—		4
34808-S	...Lockwasher	1945/—		4
E27N —995358	...Seal (A.C.R. cyl. piston rod)	1945/—		1
E27N —995359	...Seal (A.C.R. cyl. front and rear cover)	1945/—		2
E27N —995360	...Adjuster (A.C.R. cyl. relief valve spring)	1945/—		1
E27N —995361	...Piston (A.C.R. cyl. relief valve spring adj.)	1945/—		1
E27N —995362	...Seal (A.C.R. cyl. spring adjuster piston)	1945/—		1
E27N —995363	...Housing (relief valve) and valve assy.	1945/—		1
73241-S	...Pin (housing to piston)	1945/—		1
E27N —995364	...Valve (A.C.R. cyl. relief) assy.	1945/—		1
E27N —995367	...Spring (A.C.R. cyl. relief valve)	1945/—		1
E27N —995368	...Cover (A.C.R. cylinder rear)	1945/—		1
20390-S2	...Screw (rear cover to cylinder)	1945/—		4
34808-S	...Lockwasher	1945/—		4

Part No.	Name of Part	Year	Remarks	Qty. Req.
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HYDRAULIC POWER LIFT—continued

AUTOMATIC CLUTCH RELEASE—continued

E27N —995369	...Cover (A.C.R. cylinder top)	1945/—		1
20324-S	...Screw (top cover to cylinder)	1945/—		6
34805-S	...Lockwasher	1945/—		6
E27N —995372	...Cage (A.C.R. cyl. filler valve)	1945/—		2
353080-S	...Ball (filler valve)	1945/—		2
E27N —995375	...Cylinder (automatic clutch release)	1945/—		1
E27N —995376	...Lock nut (H.P.L. upper link)—rear	1945/—		1
E27N —995377	...Lock nut (H.P.L. upper link)—front	1945/—		1
E27N —995377	...Body (H.P.L. upper link)	1945/—		1
E27N —995203-C	Bracket (H.P.L. upper link support)	1945/—		1
E27N —995380	...Plate (A.C.R. cyl. filler valve spring)	1945/—		1
31383-S7/8	...Screw (plate to piston)	1945/—		2
34803-S	...Lockwasher	1945/—		2
E27N —995381	...Plate (A.C.R. cylinder attachment)	1945/—		1
20410-S	...Screw (plate to cyl. front cover)	1945/—		1
34808-S	...Lockwasher	1945/—		1
E27N —995385	...Link (H.P.L. upper rear) and ball assy.	1945/—		1
E27N —995386	...Rod (A.C.R. cyl. piston) and ball assy.	1945/—		1
E27N —995387	...Gasket (A.C.R. cyl. top cover)	1945/—		2
E27N —995389	...Washer (A.C.R. cyl. top cover filler bolt)	1945/—		1
20352-S	...Bolt (A.C.R. cyl. top cover filler)	1945/—		1
E27N —995391	...Plate (A.C.R. cyl. baffle)	1945/—		1
E27N —995392	...Spring (A.C.R. cyl. baffle plate)	1945/—		1

LINKAGE FOR FRONT MOUNTED POTATO COVERER

E27N —995400	...Installation (potato coverer linkage)	1945/—		1
E27N —995410	...Channel (linkage)—R.H.	1945/—		1
E27N —995411	...Channel (linkage)—L.H.	1945/—		1
FWB-112/14-D	Bolt (channel to front side support bracket)	1945/—		4
WN-112-K	...Nut	1945/—		4
34813-S	...Lockwasher	1945/—		4
FWB-108/10-B	Bolt (channel to rear side support bracket)	1945/—		8
WN-108-K	...Nut	1945/—		8
34809-S	...Lockwasher	1945/—		8
E27N —995415	...Bracket (upper lifting link to channel)	1945/—		2
FWB-112/26-D	Bolt (bracket to channel to spacer to bracket)	1945/—		4
E27N —995416	...Bracket (lower lifting link to channel)	1945/—		2
FWB-112/14-D	Bolt (bracket to channel)	1945/—		4
E27N —995417	...Bracket (crank lever to channel)	1945/—		2
FWB-112/14-D	Bolt (bracket to channel)	1945/—		4
WN-112-K	...Nut	1945/—		12
34813-S	...Lockwasher	1945/—		12

HYDRAULIC POWER LIFT COMPLETE INSTALLATIONS

(For Rear Mounted Ploughs and Implements)

Each installation consists of all the parts necessary to fit the H.P.L. pump, drive and rear linkage to a Fordson Major Tractor supplied less this equipment.

GROUP "A" For Current Production Tractors (16th March, 1948, onward)

E27N-995177-J/K

These installations apply to Tractors fitted in production with lower link support brackets welded to drawbar frame, and with tool box fitted on side of engine. If supplied with P.T.O., they have the correct P.T.O. operating rod and lever for use with H.P.L. (10th June, 1948, onward).

GROUP "B" For Tractors with 4-hole Frame Guide Bracket prior to 16th March, 1948

E27N-995177-E/F/G/H

These installations apply to Tractors less lower link support bracket and with tool box fitted under seat. If fitted with P.T.O., they have the P.T.O. operating rod and lever required when tool box is fitted under seat but which cannot be used with H.P.L.

GROUP "C" For Tractors with 3-hole Frame Guide Bracket (fitted up to 10th January 1947)

E27N-995177-A/B/C/D

These installations apply to Tractors which differ from those in Group "B" only in having a 3-hole frame guide bracket which must be replaced by the 4-hole type before fitting H.P.L.

GROUP "D" For Tractors with Fixed Level Drawbar (fitted up to February, 1946)

E27N-995174-A/B/C/D

These installations apply to Tractors which differ from those in Group "B" only in having fixed level drawbar, which must be completely replaced by the vertically adjustable type before fitting H.P.L.

NOTE.—For complete installation incorporating Automatic Clutch Release, order E27N-995177-L/M. If required for Tractors built before 16th March, 1948, order also additional parts indicated under Groups B/C/D above.

LINKAGE CONVERSIONS—CHAIN TO ROD LIFT

For ploughing up to 8 ins. deep
Consists of R.H. and L.H. Telescopic Rods

All Tractors E27N-995175

For ploughing up to and over 8 ins. deep

GROUP "A" For Tractors with 3-hole Drawbar Frame Guide Bracket

E27N-995178-A/B

These conversion kits, in addition to the telescopic rods, include a 4-hole drawbar frame guide bracket and all the parts necessary to transfer lower link attachment from rear axle to drawbar frame, and to permit full range of adjustment.

GROUP "B" For Tractors with Fixed Level Drawbar

E27N-995176-A/B

These conversion kits include all parts supplied under Group "A", but the 4-hole drawbar frame guide bracket becomes merely one part of a complete drawbar installation and the lower link mounting brackets are welded to drawbar frame instead of being supplied loose.

Part No.	Name of Part	Year	Remarks	Qty. Req.
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HYDRAULIC POWER LIFT—continued

INSTALLATIONS FOR REAR MOUNTED IMPLEMENTS—continued

#E27N-995174-C Installation (pump, drive and linkage) ...1945/46	Tractors with fixed level drawbar and P.T.O.	1
●E27N-995174-D Installation (pump, drive and linkage) ...1945/46	Tractors with P.T.O.	1
#E27N-995177-A Installation (pump, drive and linkage) ...1946	Tractors with adjustable drawbar less P.T.O.	1
●E27N-995177-B Installation (pump, drive and linkage) ...1946	Tractors with adjustable drawbar and P.T.O.	1
#E27N-995177-C Installation (pump, drive and linkage) ...1946	Tractors less P.T.O.	1
●E27N-995177-D Installation (pump, drive and linkage) ...1946	Tractors less P.T.O.	1
#E27N-995177-E Installation (pump, drive and linkage) ...1947/48	Tractors with P.T.O.	1
●E27N-995177-F Installation (pump, drive and linkage) ...1947/48	Tractors with P.T.O.	1
#E27N-995177-G Installation (pump, drive and linkage) ...1947/48	Tractors with P.T.O.	1
●E27N-995177-H Installation (pump, drive and linkage) ...1947/48	Tractors with P.T.O.	1
#E27N-995177-I Installation (pump, drive and linkage) ...1948	Tractors with P.T.O.	1
●E27N-995177-J Installation (pump, drive and linkage) ...1948	Tractors with P.T.O.	1
#E27N-995177-K Installation (pump, drive and linkage) ...1948	Tractors with P.T.O.	1
●E27N-995177-L Installation (pump, drive and linkage) ...1948	Tractors with P.T.O.	1
#E27N-995177-M Installation (pump, drive and linkage) ...1948	Tractors with P.T.O.	1
●E27N-995177-N Installation (pump, drive and linkage) ...1948	Tractors with P.T.O.	1

LINKAGE CONVERSIONS FOR REAR MOUNTED IMPLEMENTS

E27N-995175 ... Conversion kit (chain to rod lift) ...1945/46	For ploughing up to 8" deep	1
□E27N-995176-A Conversion kit (chain to rod lift) ...1945/46	Tractors with fixed level drawbar	1
■E27N-995176-B Conversion kit (chain to rod lift) ...1945/46	Tractors with adjustable drawbar	1
□E27N-995178-A Conversion kit (chain to rod lift) ...1946	Tractors with adjustable drawbar	1
■E27N-995178-B Conversion kit (chain to rod lift) ...1946	Tractors with adjustable drawbar	1

AUTOMATIC CLUTCH RELEASE

E27N —995300 ... Installation (automatic clutch release) ...1945/—	Tractors with H.P.L.	1
E27N —995309 ... Buffer (automatic clutch release) ...1945/—	Tractors with H.P.L.	1
74023-S ... Pin (buffer to lever) ...1945/—	Tractors with H.P.L.	2
72017-S2 ... Cotter. ....1945/—	Tractors with H.P.L.	2
E27N —995311 ... Lever (A.C.R. buffer to shaft) ...1945/—	Tractors with H.P.L.	2
119422-ES ... Rivet (lever to shaft) ...1945/—	Tractors with H.P.L.	2
E27N —995312 ... Shaft (A.C.R. buffer lever to sector arm) ...1945/—	Tractors with H.P.L.	1
E27N —995318 ... Arm (A.C.R. sector operating) ...1945/—	Tractors with H.P.L.	1
119422-ES ... Rivet (arm to shaft) ...1945/—	Tractors with H.P.L.	1
E27N —995324 ... Link (clutch pedal fulcrum) ...1945/—	Tractors with H.P.L.	1
E27N-7537-B ... Rod (link to clutch balance lever) ...1945/—	Tractors with H.P.L.	1
73919-S ... Pin (clevis)—rod to fulcrum link ...1945/—	Tractors with H.P.L.	1
72017-S2 ... Cotter. ....1945/—	Tractors with H.P.L.	1

Type 4-3 transmission (low speed top gear). ● Type 7-7 transmission (high speed top gear).
□ For ploughing over 8" deep. Tractors less P.T.O.
■ For ploughing over 8" deep. Tractors with P.T.O.

Part No.	Name of Part	Year	Remarks	Qty. Req.
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HYDRAULIC POWER LIFT—continued

LINKAGE FOR REAR MOUNTED IMPLEMENTS—continued

E27N	—995232	Shaft (H.P.L. lower link to support bracket)	1945/—	2
	34003-S	Nut (shaft to bracket and link)	1945/—	4
	72090-S	Cotter	1945/—	4
ΔE27N	—995234	Blind nut (H.P.L. lower link shaft)	1945/46	2
	Δ34814-S	Lockwasher	1945/46	2
E27N	—995248	Pin (H.P.L. upper link)—rear	1945/—	1
E27N	—995249	Chain (H.P.L. check) assy.—complete	1945/—	2
E27N	—995250	Pin (lifting rod sleeve)	1946/—	2
E27N	—995260	Rod (lifting)	1946/—	1
	119567-ES	Nut (locking)	1946/—	2
E27N	—995261	Clevis (lifting rod)	1946/—	2
E27N	—995262-A	Knuckle (H.P.L. lifting chain or rod)	1945/—	1
E27N	—995265-A	Body (H.P.L. upper link)	1945/—	1
E27N	—995266	Link (H.P.L.) and ball assy.—upper—front	1945/—	1
E27N	—995267	Link (H.P.L.) and ball assy.—upper—rear	1945/—	1
E27N	—995271	Lock nut (H.P.L. upper link)	1945/—	1
E27N	—995272	Pin (H.P.L. upper link)—front	1945/—	1
E27N	—995273	Eye (upper link pin to chain), chain and clip assy.	1945/—	1
E27N	—995277	Linch pin (H.P.L. upper link), clip and chain assy.	1945/—	1
	60412-S	Rivet (clip to support bracket)	1945/—	2
E27N	—995279	Ring (H.P.L. and drawbar linch pin)	1945/—	10
E27N	—995282	Pin (H.P.L. lifting chain knuckle)	1945/46	4
E27N	—995284	Tommy bar (H.P.L. upper link body)	1946/—	3
E27N	—995286	Linch pin (upper link) eye, clip and chain assy.	1945/—	1
E27N	—995288	Sleeve (lifting rod)	1946/—	2
E27N	—995289	Ring (sleeve pin chain)	1946/—	2
E27N	—995290	Washer (H.P.L. lower link shaft)	1945/—	2
E27N	—995292	Linch pin (lifting rod sleeve pin)	1946/—	2
E27N	—995295	Pin (H.P.L. lifting chain or rod to lower link)	1945/—	2
ΔE27N	—995296	Chain (H.P.L. lifting) assy.	1945/46	2

INSTALLATIONS FOR REAR MOUNTED IMPLEMENTS

- #E27N-995174-A Installation (pump, drive and linkage) ... 1945/46 } Tractors with fixed level drawbar less P.T.O. ... 1
- E27N-995174-B Installation (pump, drive and linkage) ... 1945/46
- Δ Use only with lower link support brackets attached to rear axle housing.
 ◇ Use only with chain lift.
 # Type 4-3 transmission (low speed top gear). ● Type 7-7 transmission (high speed top gear.)

Part No.	Name of Part	Year	Remarks	Qty. Req.
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HYDRAULIC POWER LIFT—continued

LINKAGE FOR REAR MOUNTED IMPLEMENTS—continued

E27N	—995183	Eyebolt (H.P.L. check chain to anchor bracket), link and adjusting eyebolt assy.	1945/—	2
E27N	—995191	Eyebolt (H.P.L. check chain to lower link), link and adjusting eyebolt assy.	1945/—	2
PT2A-675	Turnbuckle (check chain adjusting)	1945/—	2	
WN-112-K	Nut (locking)	1945/—	2	
PT2A-799	Nut (eyebolts to bracket and link)	1945/48	4	
72081-S	Cotter	1945/48	4	
WN-112-K	Nut (eyebolts to bracket and link)	1948/—	4	
34813-S	Lockwasher	1948/—	4	
E27N	—995196	Washer (lifting rod sleeve pin) and chain assy.	1946/—	2
E27N	—995199	Chain (lifting rod) and eye assy.	1946/—	2
E27N	—995200-C	Installation (H.P.L. rear linkage)	1948/—	1
E27N	—995200-D	Installation (H.P.L. rear linkage)	1945/48	1
E27N	—995200-E	Installation (H.P.L. rear linkage)	1945/48	1
E27N	—995200-F	Installation (H.P.L. rear linkage)	1948/—	1
E27N	—995203-A	Bracket (H.P.L. upper link support)	1945/49	1
E27N	—995203-B	Bracket (H.P.L. upper link support)	1949/—	1
E27N	—995203-C	Bracket (H.P.L. upper link support)	1945/—	1
21029-S2	Bolt (bracket to support)	1945/—	4	
33850-S	Nut	1945/—	4	
34811-S	Lockwasher	1945/—	4	
E27N	—995207-B	Pinion (levelling box)	1946/—	1
E27N	—995210	Plate (upper link bracket) assy.—R.H.	1946/—	1
E27N	—995211	Plate (upper link bracket) assy.—L.H.	1946/—	1
21080-S	Screw (plate to housing)	1946/—	3	
34810-S	Lockwasher	1946/—	3	
E27N	—995217	Linch pin (H.P.L. linkage and drawbar)	1945/—	10
E27N	—995225	Linch pin (lower link), clip, chain and ring assy.	1945/—	2
60540-S	Rivet (clip to lower link)	1945/—	4	
ΔE27N	—995230-A	Bracket (H.P.L. lower link support)—R.H.	1945/46	1
†E27N	—995230-B	Bracket (H.P.L. lower link support)	1946/48	2
ΔE27N	—995231	Bracket (H.P.L. lower link support)—L.H.	1945/46	1
Δ21080-S	Screw (brackets to rear axle housing)	1945/46	8	
		1945/46	8	

- For Tractors less P.T.O. ■ For Tractors with P.T.O.
 § For Tractors 1945/48, order lower link supports, P.T.O. rod and lever separately as required (see page 79).
 Δ Use only with lower link support brackets attached to rear axle housing.
 † Fitted on all tractors, with and less H.P.L., February, 1948, onward.