

25P

REPAIR CHARGES

FOR THE

Fordson

AND

Fordson
MAJOR

TRACTORS



By Appointment
Motor Vehicle
Manufacturers

FORD MOTOR COMPANY LTD DAGENHAM

**DESTROY
PREVIOUS ISSUE
IMMEDIATELY**

APRIL, 1954

Fordson

AND

Fordson MAJOR

TRACTOR REPAIR CHARGES

INCLUDING FORDSON MAJOR
TRACTOR FITTED WITH
PERKINS P-6 ENGINE



By Appointment—Motor Vehicle Manufacturers

FORD MOTOR COMPANY LTD.

Dagenham

Foreword

IT has always been the policy of Ford Motor Company Limited to provide the highest possible standard of Service facilities, coupled with the lowest possible prices for replacement parts.

To ensure that all repairs are carried out with absolute accuracy and the utmost despatch, special tools and equipment have been designed by the Company—and are in use by all Authorised Fordson Tractor Dealers throughout the country.

The use of this special equipment by the Dealer will ensure that work is carried out efficiently and economically and in line with such recommendations as are issued from time to time by the manufacturer.

Fordson Tractor Dealers are kept up to date with current Service practice through the medium of Service Technical Information, Bulletins, and Mechanical Instructional Courses.

So that the benefits of this Service may be made available to Fordson Tractor owners, they are advised in their own interests to seek only the aid and assistance of an Authorised Fordson Tractor Dealer—not only when difficulty is experienced, but at regular intervals.

All Fordson Tractor Dealers throughout the country are available to render this Service. They are ready and willing to advise you at all times.

The practice of issuing repair charge schedules was established by Ford Motor Company Limited many years ago. The use of this schedule in conjunction with the Parts Price List will establish the ultimate cost of Ford Service. It will be seen that the Servicing of Ford and Fordson Products maintains its traditional economical advantage.

The charges specified in the following pages cover only the labour involved when the Tractor or component parts are brought to the Dealer's premises. Where men are sent out to carry out repairs, there may be additional charges for travelling time and expenses.

An additional charge may be made by the Dealer to cover extra costs involved in cleaning down or freeing rusted or seized parts before repairs can be executed. Parts or materials will be charged extra at current list prices.

Instructions for use of the Schedule

In this Schedule some items are sectionalised into Basic and Subsidiary operations. The Basic operation is always preceded by a number, while the Sub-operation, alphabetically lettered, must, where applicable, be added to the Basic operation.

For convenience certain of these sectionalised items have been grouped together and, to differentiate, are printed in heavy type.

For example, Op. 1 "Lubricate and Adjust Front Wheel Bearings" denotes a Basic operation with Op. 1 (a) and (b) as Subsidiary items, while Op. 2 shows a grouping of Op. 1 and 1 (a) and is printed in heavier type.

The suffix letter "P" immediately following an operation numeral, i.e., "**244P REPLACE SILENCER**" indicates that the operation applies to a Fordson Major Tractor fitted with a Perkins P-6 Diesel engine. These operations have been grouped at the end of each applicable section to facilitate location.

The letters "N.A." where used in the price columns denote "Not Applicable."

| Op. No. | Description of Operation | Fordson Tractor | Fordson Major Tractor |
|------------|--------------------------|--------------------|-----------------------------|
| | | £ s. d. | £ s. d. |

WHEELS AND HUBS

| | | | |
|----|--|--------|--------|
| 1 | LUBRICATE AND ADJUST FRONT WHEEL BEARINGS | 6 0 | 6 0 |
| | (a) Extra to replace wheel, bearings or cups—steel wheel (each) ... | 6 0 | 6 0 |
| | (b) Extra to replace wheel (pneumatic) includes changing tyre (each) ... | 10 6 | 10 6 |
| 2 | REPLACE FRONT WHEEL BEARINGS (each) | 12 0 | 12 0 |
| | (includes op. 1 and 1a) | | |
| 3 | REPLACE FRONT WHEEL (PNEU- MATIC) includes changing tyre (each) ... | 16 6 | 16 6 |
| | (includes op. 1 and 1b) | | |
| 5 | REPLACE REAR WHEEL (each) (spade lugs or tyres extra) | 6 6 | 7 6 |
| | (a) Extra to change pneumatic tyre (each) agriculture | 1 9 6 | 1 8 6 |
| | (b) Extra to install spade lugs only (each wheel) | 1 0 0 | 1 1 0 |
| | (c) Extra to remove and replace spade lugs (each wheel) | 2 0 6 | 2 3 6 |
| 6 | REPLACE REAR PNEUMATIC TYRE (each wheel) agriculture | 1 16 0 | 1 16 0 |
| | (includes op. 5 and 5a) | | |
| 7 | INSTALL NEW SPADE LUGS ON NEW WHEEL (each wheel) | 1 6 6 | 1 8 6 |
| | (includes op. 5 and 5b) | | |
| 8 | CHANGE ALL SPADE LUGS—REAR WHEEL | 2 7 0 | 2 11 0 |
| | (includes op. 5 and 5c) | | |
| 9 | CHANGE ONE SPADE LUG ... | 1 0 | 1 0 |
| 10 | REPLACE REAR AXLE SHAFT WHEEL STUD (each) | N.A. | 2 0 |

FRONT AXLE

| | | | |
|----|---|------|-----|
| 30 | REPLACE TRACK ROD | 3 6 | 4 0 |
| | (a) Extra to replace track rod end (each) | N.A. | 4 0 |
| | (b) Extra to straighten track rod ... | 4 0 | 4 0 |
| 31 | REPLACE TRACK ROD END (each) ... | N.A. | 8 0 |
| | (includes op. 30 and 30a) | | |

| Op. No. | Description of Operation | Fordson Tractor £ s. d. | Fordson Major Tractor £ s. d. |
|----------------------|---|-------------------------------|--|
| FRONT AXLE—continued | | | |
| 32 | REPLACE DRAG LINK | 6 6 | 6 0 |
| | (a) Extra to overhaul drag link—includes straightening | 6 0 | 6 0 |
| 33 | OVERHAUL DRAG LINK —includes straightening (includes op. 32 and 32a) ... | 12 6 | 12 0 |
| 34 | REPLACE SPINDLE ARM (each) ... | 4 0 | 4 6 |
| | (a) Extra to rebush spindle arm (each) | 2 0 | 2 0 |
| 35 | REBUSH SPINDLE ARM (each) ... | 6 0 | 6 6 |
| | (includes op. 34 and 34a) | | |
| 36 | REPLACE SPINDLE BODY (each) ... | 15 6 | 13 0 |
| | (a) Extra to replace axle beam extension (each) | N.A. | 5 6 |
| | (b) Extra to rebush spindle body (Fordson) (each) | 4 0 | N.A. |
| | Extra to rebush beam extension (Major) (each) | N.A. | 6 0 |
| | (c) Extra to replace track rod end (each) | N.A. | 4 0 |
| | (d) Extra to straighten track rod ... | 4 6 | 4 0 |
| | (e) Extra to overhaul drag link ... | 6 0 | 6 0 |
| | (f) Extra to rebush spindle arm (each) | 2 0 | 2 0 |
| | (g) Extra to check axle beam and replace centre bush | 6 6 | 6 6 |
| 37 | REBUSH SPINDLE BODIES (BOTH) (Fordson) | 19 6 | N.A. |
| | (includes op. 36 and 36b) | | |
| | REBUSH AXLE BEAM EXTENSION (Major) (BOTH) | N.A. | 2 9 0 |
| | (includes op. 36, 36a and 36b) | | |
| 38 | REPLACE RADIUS ROD | 7 0 | 12 0 |
| | (a) Extra to rebush radius rod ... | 4 0 | 4 0 |
| 39 | REBUSH AND CHECK FRONT RADIUS ROD | 11 0 | 16 0 |
| | (includes op. 38 and 38a) | | |
| 40 | REMOVE COMPLETE FRONT AXLE ASSEMBLY | 1 3 0 | 1 5 6 |
| | (a) Extra to fit new beam (Fordson) ... | 15 6 | N.A. |
| | Fixed (Major) | N.A. | 1 0 0 |
| | Adjustable (Major) | N.A. | 1 9 6 |
| | (b) Extra to overhaul front axle assembly (Fordson) | 1 9 0 | N.A. |
| | (Major) | N.A. | 1 13 0 |

| Op. No. | Description of Operation | Fordson Tractor | | | Fordson Major Tractor | | |
|------------|--------------------------|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |

FRONT AXLE—continued

| | | | | | | | |
|-----------|---|-----|-----|-----|-----|------|---------|
| 41 | FIT NEW AXLE BEAM (Fordson) | ... | 1 | 18 | 6 | N.A. | |
| | Fixed (Major) | ... | ... | ... | ... | N.A. | 2 5 6 |
| | Adjustable (Major) | ... | ... | ... | ... | N.A. | 2 15 0 |
| | (includes op. 40 and 40a) | | | | | | |
| 42 | REPLACE FRONT AXLE RUBBER BUMPER | ... | ... | ... | 12 | 6 | N.A. |
| 43 | OVERHAUL FRONT AXLE | ... | ... | 3 | 7 | 6 | 4 8 0* |
| | (includes op. 40, 40a and 40b) | | | | | | |
| | | | | | | | 3 18 6† |

When Parts are brought in :—

| | | | | | | | |
|-----------|--|------|-----|-----|---|---|------|
| 44 | REBUSH FRONT AXLE BEAM EXTENSIONS (BOTH) OR SPINDLE BODIES (BOTH) | ... | ... | ... | 6 | 6 | 11 0 |
| 45 | REBUSH SPINDLE ARMS (each) | L.H. | 1 | 0 | | | 2 0 |
| | | R.H. | 3 | 6 | | | 2 0 |
| 46 | REBUSH RADIUS ROD | ... | ... | 1 | 0 | | 4 0 |

BRAKES

| | | | | | | | |
|------------|--|-----|------|-----|---|---|------|
| 90 | ADJUST BRAKE SHOE CAMS AND WEDGES ONLY | ... | ... | ... | 5 | 6 | 4 0 |
| 91 | ADJUST TRANSMISSION BRAKE | ... | 12 | 6 | | | N.A. |
| 94 | FIT HAND BRAKE LEVER | ... | ... | 8 | 6 | | 7 6 |
| | (a) Extra to replace quadrant and pawl | ... | 3 | 6 | | | 3 6 |
| 97 | REPLACE BRAKE DRUM (each) | ... | 1 | 0 | 0 | | 6 6 |
| | (includes op. 90) | | | | | | |
| | (a) Extra to replace brake shoes or retracting springs (each side) | ... | 2 | 0 | | | 2 0 |
| | (b) Extra to replace brake plates (each side) | ... | ... | ... | 6 | 0 | 4 0 |
| | (c) Extra to replace brake rod or cable | ... | 2 | 6 | | | 2 6 |
| 98 | REPLACE BRAKE SHOES (each side) | ... | 1 | 2 | 0 | | 8 6 |
| | (includes op. 97 and 97a) | | | | | | |
| 99 | REPLACE BRAKE PLATES (each) | ... | 1 | 8 | 0 | | 12 6 |
| | (includes op. 97, 97a and 97b) | | | | | | |
| 100 | REPLACE BRAKE PEDAL—L.H. | ... | N.A. | | | | 4 0 |
| | R.H. | ... | N.A. | | | | 7 6 |
| 101 | OVERHAUL BRAKING SYSTEM | ... | 3 | 6 | 0 | 2 | 0 6 |
| | (Does not include transmission brake) | | | | | | |

* Adjustable axle beam.

† Fixed axle beam.

| Op. No. | Description of Operator | Fordson Tractor | | | Fordson Major Tractor | | |
|----------------------|--|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |
| STEERING GEAR | | | | | | | |
| 120 | ADJUST SECTOR SHAFT END PLAY ONLY | 4 | 0 | | 4 | 0 | |
| | (a) Extra to adjust steering gear and/or sector | 1 | 19 | 6 | 1 | 7 | 0* |
| | | | 7 | 0 | | 7 | 0† |
| 121 | ADJUST STEERING GEAR | 2 | 3 | 6 | 1 | 11 | 0* |
| | (includes op. 120 and 120a) | | 11 | 0 | | 11 | 0† |
| 122 | CHANGE STEERING GEAR ASSEMBLY | 1 | 14 | 0 | 1 | 2 | 6 |
| | (a) Extra to replace steering shaft and/or sector | | 12 | 0 | | 12 | 0 |
| | (b) Extra to overhaul steering gear | | 6 | 6 | | 6 | 6 |
| 123 | REPLACE STEERING WHEEL | | 1 | 0 | | 1 | 0 |
| 124 | REPLACE DROP ARM | | 7 | 6 | | 7 | 6 |
| | (includes checking alignment) | | | | | | |
| 125 | REPLACE STEERING SHAFT AND OR SECTOR | 2 | 6 | 6 | 1 | 14 | 0 |
| 128 | FIT STEERING SHAFT LOWER BEARING | 2 | 10 | 0 | 1 | 17 | 0 |
| 130 | OVERHAUL STEERING GEAR | 2 | 12 | 6 | 2 | 1 | 0 |
| | (includes op. 122, 122a and 122b) | | | | | | |

REAR AXLE

| | | | | | | | |
|-----|--|----|------|---|---|----|------|
| 158 | REPLACE GREASE RETAINER IN REAR AXLE SHAFT HOUSING— each side | 10 | 6 | | 2 | 13 | 6 |
| 159 | REPLACE REAR AXLE HOUSING AND/OR BEARING AND SLEEVE (each) Fordson only | 1 | 19 | 6 | | | N.A. |
| 160 | REPLACE ONE OR BOTH AXLE SHAFTS Fordson only | 4 | 4 | 6 | | | N.A. |
| 161 | REPLACE LARGE REDUCTION GEAR AND/OR AXLE SHAFT (either side) | | N.A. | | 2 | 7 | 6 |
| | (a) Extra for both | | N.A. | | | 16 | 0 |
| | (b) Extra to replace axle shaft bearings and/or oil seal | | N.A. | | | 10 | 0 |
| | (c) Extra to replace rear axle shaft housing (each) | | N.A. | | | 16 | 6 |

Worm and sector type.

† Worm and nut type.

| Op. No. | Description of Operation | Fordson Tractor £ s. d. | Fordson Major Tractor £ s. d. |
|-------------------------------------|---|-------------------------------|--|
| REAR AXLE — <i>continued</i> | | | |
| 164 | REPLACE AXLE HOUSING TOP COVER (Hydraulic lift extra see Op. 510) | N.A. | 17 6 |
| | (a) Extra to replace axle shaft and/or large reduction gear (each) ... | N.A. | 1 15 0 |
| | (b) Extra to replace axle shaft housing (each) | N.A. | 16 0 |
| | (c) Extra to replace bull pinion (each) | N.A. | 1 2 0 |
| | (d) Extra to replace bull pinion housing (each) | N.A. | 7 6 |
| 165 | REPLACE BULL PINION (one side) ... (includes op. 164, 164a and 164c) | N.A. | 3 14 6 |
| | (both sides) | N.A. | 6 11 6 |
| 166 | REPLACE BULL PINION HOUSING (one side) | N.A. | 4 2 0 |
| | (both) | N.A. | 7 6 6 |
| | (includes op. 164, 164a, 164c and 164d) | | |
| 167 | REPLACE AXLE HOUSING TOP COVER—less hydraulic lift | N.A. | 17 6 |
| 168 | REPLACE DRAW BAR CAP AND/OR GASKET | 12 0 | N.A. |
| | (a) Extra to replace worm and/or bearing | 5 6 | N.A. |
| 169 | REPLACE DIFFERENTIAL GEARS ... | 4 4 6 | 4 17 0 |
| | (a) Extra to replace pinion and crown wheel | N.A. | 2 2 6 |
| 170 | REPLACE TRANSMISSION HOUSING (Fordson) | 9 2 0 | N.A. |
| | REPLACE REAR TRANSMISSION HOUSING (Major) | N.A. | 7 13 0 |
| 171 | OVERHAUL REAR AXLE ASSEMBLY completely | 5 19 6 | 10 18 0 |

ENGINE

| | | | | | | | |
|-----|---|----|---|---|----|---|---|
| 200 | TUNE ENGINE (including cleaning and adjusting spark plugs, adjusting or replacing contact breaker points, checking timing, cleaning and adjusting carburettor or vapourizer) | 1 | 6 | 0 | 1 | 6 | 0 |
| 201 | REPLACE CRANKSHAFT PULLEY ... | 15 | 6 | | 15 | 6 | |
| 204 | CLEAN SUMP OIL FILTER AND/OR REPLACE COVER GASKET ... | 4 | 0 | | 4 | 0 | |

| Op. No. | Description of Operation | Fordson Tractor | | | Fordson Major Tractor | | |
|------------------|---|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |
| ENGINE—continued | | | | | | | |
| 207 | REPLACE VALVE CHAMBER COVER AND/OR GASKET | 6 | 6 | | 6 | 6 | |
| 208 | REPLACE CYLINDER HEAD AND/OR GASKET | 1 | 10 | 0 | 1 | 10 | 0 |
| | (a) Extra to remove carbon | 18 | 6 | | 18 | 6 | |
| | (b) Extra to replace and grind one valve | 13 | 0 | | 13 | 0 | |
| | (c) Extra to replace and grind each additional valve | 6 | 0 | | 6 | 0 | |
| 209 | DECARBONISE CYLINDER HEAD AND PISTONS | 2 | 8 | 6 | 2 | 8 | 6 |
| | (includes op. 208 and 208a) | | | | | | |
| 210 | REPLACE ONE VALVE AND DECAR- BONISE HEAD | 3 | 1 | 6 | 3 | 1 | 6 |
| | (includes op. 208, 208a and 208b) | | | | | | |
| 211 | DECARBONISE AND GRIND ALL VALVES | 5 | 3 | 6 | 5 | 3 | 6 |
| | (includes op. 208, 208a, 208b and 208c) | | | | | | |
| 212 | REPLACE SUMP AND/OR GASKETS.. | 2 | 9 | 0 | 2 | 14 | 0 |
| | (a) Extra to clean and replace oil filter | 4 | 0 | | 4 | 0 | |
| | (b) Extra to tighten and adjust connect- ing rod bearing (each) | 6 | 0 | | 6 | 0 | |
| | (c) Extra to tighten and adjust main bearings (each) | 10 | 0 | | 10 | 0 | |
| 213 | TIGHTEN AND ADJUST ALL CON- NECTING ROD BEARINGS ... | 3 | 17 | 0 | 4 | 2 | 0 |
| | (includes op. 212, 212a and 212b) | | | | | | |
| 214 | TIGHTEN AND ADJUST ALL MAIN BEARINGS | 4 | 3 | 0 | 4 | 8 | 0 |
| | (includes op. 212, 212a and 212c) | | | | | | |
| 215 | REPLACE CYLINDER HEAD AND SUMP | 3 | 19 | 0 | 4 | 4 | 6 |
| | (a) Extra to remove carbon | 18 | 6 | | 18 | 6 | |
| | (b) Extra to grind in one valve | 13 | 0 | | 13 | 0 | |
| | (i) Each additional valve | 6 | 0 | | 6 | 0 | |
| | (c) Extra to clean or replace oil filter ... | 4 | 0 | | 4 | 0 | |
| | (d) Extra to tighten connecting rod bearings (each) | 6 | 0 | | 6 | 0 | |
| | (e) Extra to tighten main bearings (each) | 10 | 0 | | 10 | 0 | |
| | (f) Extra to replace piston, rings and/or connecting rod (each) | 6 | 0 | | 6 | | |

| Op. No. | Description of Operation | Fordson Tractor | | | Fordson Major Tractor | | |
|------------|--------------------------|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |

ENGINE—continued

| | | | | | | | |
|-----|--|----|------|---|----|----|---|
| 216 | REPLACE ONE PISTON OR CONNECTING ROD | 5 | 13 | 6 | 5 | 19 | 0 |
| | (includes op. 215, 215a, 215c, 215d and 215f) | | | | | | |
| | Each additional | | 12 | 0 | | 12 | 0 |
| 217 | REPLACE ALL PISTON RINGS ... | 7 | 9 | 6 | 7 | 15 | 0 |
| | (includes op. 215, 215a, 215c, 215d and 215f) | | | | | | |
| 218 | REPLACE CYLINDER FRONT COVER AND/OR GASKET | 1 | 17 | 0 | 1 | 17 | 0 |
| | (a) Extra to replace camshaft gear ... | | 9 | 0 | | 9 | 0 |
| | (b) Extra to replace camshaft | | 11 | 0 | | 11 | 0 |
| | (includes op. 207) | | | | | | |
| | (c) Extra to replace crankshaft gear ... | 2 | 10 | 6 | 2 | 15 | 6 |
| | (includes op. 212) | | | | | | |
| 219 | REPLACE CAMSHAFT GEAR ... | 2 | 5 | 0 | 2 | 5 | 0 |
| | (includes op. 218 and 218a) | | | | | | |
| 220 | REPLACE CAMSHAFT | 2 | 17 | 0 | 2 | 17 | 0 |
| | (includes op. 218, 218a and 218b) | | | | | | |
| 221 | REPLACE CRANKSHAFT GEAR ... | 4 | 7 | 6 | 4 | 12 | 6 |
| | (includes op. 218 and 218c) | | | | | | |
| 222 | REPLACE CRANKSHAFT AND CAM-SHAFT GEARS | 4 | 16 | 6 | 5 | 1 | 6 |
| | (includes op. 218, 218a and 218c) | | | | | | |
| 223 | CHANGE ENGINE ASSEMBLY ... | 3 | 18 | 6 | 5 | 1 | 0 |
| | (a) Extra to change cylinder assembly | 2 | 9 | 0 | 2 | 9 | 0 |
| | (b) Extra to change cylinder block ... | 6 | 10 | 0 | 6 | 10 | 0 |
| | (c) Extra to rebore cylinder block ... | 2 | 9 | 0 | 2 | 9 | 0 |
| | (d) Extra to rebore cylinder block and fit liners | 4 | 9 | 0 | 4 | 9 | 0 |
| | (e) Extra to rebabbitt and fit crankshaft | 6 | 1 | 6 | 6 | 1 | 6 |
| | (f) Extra to fit flywheel ring gear ... | | N.A. | | | 12 | 0 |
| 224 | CHANGE CYLINDER ASSEMBLY ... | 6 | 7 | 6 | 7 | 10 | 0 |
| | (includes op. 223 and 223a) | | | | | | |
| 225 | CHANGE CYLINDER BLOCK ... | 12 | 17 | 6 | 14 | 0 | 0 |
| | (includes op. 223, 223a and 223b) | | | | | | |
| 226 | REBORE CYLINDERS | 15 | 6 | 6 | 16 | 9 | 0 |
| | (includes op. 223, 223a, 223b and 223c) | | | | | | |
| 227 | RESLEEVE CYLINDER BLOCK ... | 17 | 6 | 6 | 18 | 9 | 0 |
| | (includes op. 223, 223a, 223b and 223d) | | | | | | |
| 228 | REBABBITT AND FIT CRANKSHAFT | 18 | 19 | 0 | 20 | 1 | 6 |
| | (includes op. 223, 223a, 223b and 223e) | | | | | | |

| Op No. | Description of Operation: | Fordson Tractor | | Fordson Major Tractor | |
|-----------|---------------------------|--------------------|----|-----------------------------|-------|
| | | s. | d. | £ | s. d. |

ENGINE—continued

| | | | | | | | | | |
|------------------------------|---|------------|------|-----|----|---|----|---|---|
| 229 | FIT FLYWHEEL RING GEAR | ... | N.A. | 4 | 16 | 0 | | | |
| 230 | OVERHAUL ENGINE COMPLETELY | 21 | 8 | 0 | 23 | 2 | 6 | | |
| | (includes op. 223, 223a, 223b, 223c, 223e and 223f) | | | | | | | | |
| | Extra if cylinder liners are fitted (see Op. 223d) | 4 | 9 | 0 | 4 | 9 | 0 | | |
| 231 | REPLACE CRANKSHAFT | ... | ... | 10 | 8 | 6 | 11 | 5 | 6 |
| When Parts are brought in :- | | | | | | | | | |
| 232 | OVERHAUL ENGINE | (including | | | | | | | |
| | rebabbitting and reboring) | ... | ... | 17 | 8 | 6 | 17 | 8 | 6 |
| 233 | REBORE CYLINDERS ONLY | ... | 2 | 9 | 0 | 2 | 9 | 0 | |
| 234 | REBABBITT CYLINDER BLOCK | | | | | | | | |
| | ONLY | ... | ... | ... | 6 | 1 | 6 | 6 | 1 |

DIESEL ENGINE

| | | | | | | | | | |
|------|---|-----|------|----|----|---|--|--|--|
| 238P | TUNE ENGINE (includes replacing atomisers, adjust tappets, clean fuel filters and pipes). Bleed fuel system | ... | N.A. | 1 | 19 | 6 | | | |
| 239P | REPLACE EXHAUST MANIFOLD GASKETS | ... | N.A. | 9 | 6 | | | | |
| 240P | REPLACE INLET MANIFOLD | ... | N.A. | 3 | 6 | | | | |
| 241P | REPLACE VALVE ROCKER COVER AND/OR GASKET | ... | N.A. | 14 | 6 | | | | |
| 242P | REPLACE CYLINDER HEAD GASKET | ... | N.A. | 2 | 8 | 6 | | | |
| | (Does not include "Adjust Tappets," see op. 257P) | | | | | | | | |
| 243P | REPLACE CYLINDER HEAD | ... | N.A. | 5 | 8 | 0 | | | |
| | (Does not include "Adjust Tappets," see op. 257P) | | | | | | | | |
| 244P | REPLACE SILENCER | ... | N.A. | 1 | 0 | | | | |
| 245P | REPLACING TIMING CASE COVER OIL SEAL | ... | N.A. | 1 | 13 | 0 | | | |
| | (includes op. 246P and 246Pe) | | | | | | | | |
| 246P | REPLACE TIMING CASE COVER AND/OR GASKET | ... | N.A. | 1 | 12 | 0 | | | |
| | (a) Extra to replace timing chain | ... | N.A. | 9 | 0 | | | | |
| | (b) Extra to replace camshaft timing gear | ... | N.A. | 4 | 6 | | | | |
| | (c) Extra to replace crankshaft gear | ... | N.A. | 3 | 6 | | | | |
| | (d) Extra to replace automatic chain tensioner | ... | N.A. | 2 | 6 | | | | |
| | (e) Extra to replace timing case cover oil seal | ... | N.A. | 1 | 0 | | | | |

| Op. No. | Description of Operation | Fordson Tractor | | | Fordson Major Tractor | | |
|-------------------------|--|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |
| DIESEL ENGINE—continued | | | | | | | |
| 247P | REPLACE TIMING CHAIN ... (includes op. 246P and 246Pa) | N.A. | 2 | 1 | 0 | | |
| 248P | REPLACE CRANKSHAFT PULLEY ... | N.A. | 1 | 6 | 0 | | |
| 249P | REPLACE CAMSHAFT TIMING GEAR ... (includes op. 246P, 246Pa and 246Pb) | N.A. | 2 | 5 | 6 | | |
| 250P | REPLACE CAMSHAFT ... | N.A. | 2 | 13 | 6 | | |
| 251P | REPLACE CRANKSHAFT GEAR ... (includes op. 246P, 246Pa and 246Pc) | N.A. | 2 | 4 | 6 | | |
| 252P | REPLACE AUTOMATIC CHAIN TENSIONER ... (includes op. 246P, 246Pa and 246Pd) | N.A. | 2 | 3 | 6 | | |
| 253P | REPLACE CRANKSHAFT AND CAMSHAFT GEARS ... (includes op. 246P, 246Pa, 246Pb and 246Pc) | N.A. | 2 | 9 | 0 | | |
| 254P | CHANGE ENGINE ... | N.A. | 5 | 5 | 6 | | |
| 255P | REPLACE FLYWHEEL RING GEAR ... | N.A. | 3 | 6 | 0 | | |
| 256P | REMOVE CARBON, GRIND VALVES ADJUST TAPPETS ... | N.A. | 4 | 11 | 6 | | |
| 257P | ADJUST TAPPETS ONLY ... | N.A. | | 19 | 0 | | |
| 258P | REPLACE ONE VALVE ... (a) Extra for each additional... | N.A. | 2 | 16 | 0 | | |
| 259P | REPLACE COMPLETE SET OF VALVES (12) ... (includes op. 258P and 258Pa) | N.A. | 4 | 6 | 6 | | |
| 260P | FIT ONE PAIR OF VALVE SPRINGS (inner and outer) ... (a) Extra for each additional pair ... | N.A. | 1 | 1 | 0 | | |
| 262P | REPLACE ONE PAIR OF CONNECT- ING ROD BEARINGS ... (a) Extra for each additional... | N.A. | 2 | 6 | 6 | | |
| 263P | FIT NEW PISTON RINGS ... (does not include honing or boring) | N.A. | 6 | 5 | 0 | | |
| 264P | INSTALL NEW PISTONS AND FIT RINGS ... | N.A. | 6 | 5 | 0 | | |
| 265P | REPLACE GUDGEON PINS ... | N.A. | 6 | 12 | 0 | | |
| 266P | FIT NEW RINGS, GRIND VALVES, ADJUST TAPPETS AND REMOVE CARBON ... | N.A. | 8 | 7 | 0 | | |

| Op. No. | Description of Operation | Fordson Tractor | Fordson Major Tractor |
|--------------------------------|--|--------------------|-----------------------------|
| | | £ s. d. | £ s. d. |
| DIESEL ENGINE—continued | | | |
| 268P | FIT ONE CONNECTING ROD ... | N.A. | 5 6 0 |
| | (a) Extra for each additional ... | N.A. | 3 6 |
| 269P | REBORE CYLINDER BLOCK, FIT NEW PISTONS AND RINGS, GRIND VALVES, ADJUST TAP- PETS AND REMOVE CARBON (engine removed) | N.A. | 14 13 6 |
| 270P | REPLACE OIL SUMP AND FIT NEW GASKETS | N.A. | 2 4 0 |
| | (a) Extra to replace oil pump assembly | N.A. | 6 6 |
| | (b) Extra to overhaul pump | N.A. | 9 0 |
| 271P | REPLACE LUBRICATING OIL PUMP ASSEMBLY | N.A. | 2 10 6 |
| | (includes op. 270P and 270Pa) | | |
| 272P | CLEAN AND/OR REPLACE LUBRI- CATION OIL FILTER SCREEN IN SUMP | N.A. | 6 0 |
| 273P | CLEAN AND/OR REPLACE LUBRI- CATION OIL EXTERNAL FILTER ELEMENT | N.A. | 4 6 |
| 274P | OVERHAUL ENGINE | N.A. | 14 6 0 |
| | (a) Extra to rebore block | N.A. | 3 13 6 |

TRANSMISSION

| | | | | | | | |
|-----|---|------|----|---|----|----|---|
| 275 | ADJUST CLUTCH PEDAL CLEAR- ANCE | 6 | 0 | | | 6 | 0 |
| | (a) Extra to change clutch operating rod | 2 | 0 | | | 2 | 0 |
| 276 | DISMANTLE AND REASSEMBLE TRANSMISSION HOUSING TO ENGINE | 2 | 7 | 6 | 3 | 9 | 6 |
| | (a) Extra to replace clutch release bearing | N.A. | | | | 2 | 0 |
| | (b) Extra to replace clutch release shaft and/or release fork ... | N.A. | | | | 7 | 0 |
| | (c) Extra to overhaul clutch | 13 | 0 | | 15 | 6 | |
| | (d) Extra to replace transmission hous- ing plate and/or oil seal | 1 | 16 | 6 | 1 | 16 | 6 |
| | (e) Extra to overhaul transmission (includes splitting rear from front transmission on Fordson Major) | 5 | 15 | 0 | 2 | 3 | 6 |
| 277 | OVERHAUL CLUTCH | 3 | 0 | 6 | 4 | 10 | 0 |
| | (includes op. 276 and 276c) | | | | | | |

| Op. No. | Description of Operator | Fordson Tractor | | | Fordson Major Tractor | | |
|------------|-------------------------|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |

TRANSMISSION—continued

| | | | | | | | |
|-----|---|------|----|---|----|----|---|
| 278 | REPLACE CLUTCH RELEASE BEARING ... (includes op. 276 and 276a) | N.A. | | | 3 | 11 | 6 |
| 279 | REPLACE TRANSMISSION HOUSING PLATE AND/OR OIL SEAL (includes op. 276 and 276d) | 4 | 3 | 6 | 5 | 6 | 0 |
| 280 | REPLACE FRONT TRANSMISSION HOUSING ... | N.A. | | | 6 | 15 | 6 |
| 281 | OVERHAUL TRANSMISSION ... (includes op. 276, 276a, 276b, 276c, 276d and 276e) | 10 | 12 | 0 | 8 | 14 | 0 |
| 282 | OVERHAUL SELECTOR MECHANISM ... | 12 | 0 | | 12 | 0 | |
| 283 | REPLACE GEAR LEVER ASSEMBLY | 4 | 0 | | 4 | 0 | |
| 284 | REPLACE SELECTOR MECHANISM HOUSING ... | 12 | 0 | | 12 | 0 | |
| 285 | REPLACE BELT PULLEY GEAR ON DRIVE SHAFT ... | 3 | 0 | 6 | 3 | 10 | 6 |

When Parts are brought in :—

| | | | | | | | |
|-----|--|------|---|--|------|---|---|
| 286 | REPLACE FRONT TRANSMISSION HOUSING (assembly brought in) ... | N.A. | | | 2 | 2 | 0 |
| 287 | OVERHAUL CLUTCH ... | 12 | 0 | | N.A. | | |
| 289 | OVERHAUL GEAR SELECTOR HOUSING ASSEMBLY ... | 9 | 0 | | 9 | 0 | |

COOLING SYSTEM

| | | | | | | | |
|-----|--|------|----|---|----|----|---|
| 329 | REPLACE RADIATOR GRILLE ... | N.A. | | | 2 | 6 | |
| 330 | REPLACE RADIATOR TOP TANK TO WATER PUMP HOUSING GASKET ... | 17 | 6 | | 17 | 6 | |
| 332 | REPLACE WATER PUMP TO CYLINDER HEAD GASKET ... | 17 | 6 | | 17 | 6 | |
| 333 | REPLACE WATER PUMP ASSEMBLY (a) Extra to overhaul water pump assembly ... | 17 | 6 | | 17 | 6 | |
| | | 9 | 0 | | 9 | 0 | |
| 335 | REPLACE RADIATOR TOP TANK ... | 1 | 10 | 0 | 1 | 13 | 0 |
| | (a) Extra to replace side member (each) ... | 4 | 0 | | 4 | 0 | |
| | (b) Extra to replace radiator core ... | 16 | 0 | | 16 | 0 | |

| Op. No. | Description of Operation | Fordson Tractor | | | Fordson Major Tractor | | |
|------------|--------------------------|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |

COOLING SYSTEM—continued

| | | | | | | | |
|-----|--|----|----|---|----|----|---|
| 336 | REPLACE RADIATOR CORE ... | 2 | 10 | 0 | 2 | 13 | 0 |
| | (includes op. 335, 335a and 335b) | | | | | | |
| 337 | REPLACE RADIATOR LOWER TANK AND/OR CORE TO LOWER TANK GASKET ... | 8 | 0 | | 1 | 13 | 0 |
| 338 | REPLACE RADIATOR SIDE MEMBER | 7 | 0 | | 10 | 0 | |
| 339 | REPLACE AND/OR ADJUST FAN BELT (includes removal of water pump) | 1 | 4 | 0 | 1 | 4 | 0 |
| 340 | TIGHTEN FAN BELT ONLY | 6 | 6 | | 6 | 6 | |
| 342 | REPLACE RADIATOR ASSEMBLY ... | 14 | 6 | | 14 | 6 | |
| | (a) Extra to replace radiator top tank | 16 | 0 | | 18 | 6 | |
| | (b) Extra to replace radiator lower tank ... | 16 | 0 | | 18 | 6 | |
| 343 | REPLACE ALL RADIATOR GASKETS | 2 | 14 | 0 | 2 | 17 | 0 |
| 344 | REPLACE RADIATOR DRAIN TAP ... | 6 | 6 | | 6 | 6 | |

When Parts are brought in :—

| | | | | | | | |
|------|---|------|---|---|----|---|---|
| 350 | REPLACE BUSHES IN WATER PUMP HOUSING ... | 9 | 0 | | 9 | 0 | |
| 351 | REPLACE RADIATOR CORE ... | 2 | 0 | 0 | 2 | 3 | 0 |
| 352 | OVERHAUL WATER PUMP ... | 9 | 0 | | 9 | 0 | |
| 357P | REPLACE WATER MANIFOLD ... | N.A. | | | 6 | 6 | |
| 358P | REPLACE FAN BELT ... | N.A. | | | 12 | 6 | |
| 359P | REPLACE WATER PUMP ... | N.A. | | | 16 | 6 | |

FUEL SYSTEM

| | | | | | | | |
|-----|---|----|---|--|----|---|--|
| 360 | CLEAN FUEL SYSTEM AND CAR- BURETTOR OR VAPOURIZER (all jets and passages, tank to fuel system and sediment filter) ... | 14 | 6 | | 14 | 6 | |
| 361 | REPLACE FUEL LINE (each) ... | 1 | 0 | | 1 | 0 | |
| 363 | REPLACE LARGE FUEL TANK ... | 10 | 0 | | 10 | 0 | |
| | (includes op. 365) | | | | | | |
| 365 | REPLACE FUEL TAP AND SEDIMENT BOWL ASSEMBLY ... | 7 | 0 | | 7 | 0 | |

| Op. No. | Description of Operation | Fordson Tractor £ s. d. | Fordson Major Tractor £ s. d. |
|-----------------------|--|-------------------------------|--|
| FUEL SYSTEM—continued | | | |
| 367 | REPLACE VAPOURIZER PLATE AND FLOAT CHAMBER ASSEMBLY ... | 9 0 | 9 0 |
| | (a) Extra to clean vapourizer plate ... | 2 0 | 2 0 |
| | (b) Extra to replace float chamber assembly | 1 0 | 1 0 |
| | (c) Extra to replace spray nozzle ... | 1 0 | 1 0 |
| | (d) Extra to overhaul float chamber assembly (including c) | 1 0 | 1 0 |
| | (e) Extra to change or clean fuel lines | 3 6 | 3 6 |
| 368 | CLEAN VAPOURIZER PLATE ... | 11 0 | 11 0 |
| | (includes op. 367 and 367a) | | |
| 369 | REPLACE FLOAT CHAMBER ASSEM- BLY | 10 0 | 10 0 |
| | (includes op. 367 and 367b) | | |
| 370 | REPLACE VAPOURIZER TUBE ... | 9 0 | 9 0 |
| 371 | REPLACE MANIFOLD AND VAPOUR- IZER SYSTEM COMPLETE | 12 0 | 10 6 |
| | (a) Extra to overhaul mixing chamber | 7 6 | 7 6 |
| | (b) Extra to overhaul vapourizer plate and float chamber assembly ... | 9 0 | 9 0 |
| 372 | REPLACE MANIFOLD GASKETS ... | 12 0 | 12 0 |
| 375 | REPLACE EXHAUST PIPE | 3 6 | 3 6 |
| | (a) Extra to replace manifold outlet ... | 2 6 | N.A. |
| 377 | REPLACE MIXING CHAMBER ... | 6 6 | 6 6 |
| 382 | REPLACE GOVERNOR ASSEMBLY ... | 3 6 | 3 6 |
| | (a) Extra to overhaul governor ... (includes rebushing governor housing) | 12 6 | 12 6 |
| 384 | OVERHAUL GOVERNOR (includes rebushing governor housing) | 16 0 | 16 0 |
| 385 | REPLACE AIR CLEANER ASSEMBLY | 10 0 | 10 0 |
| 389 | REPLACE CARBURETTOR FLOAT ... | 9 6 | 9 6 |
| | (a) Extra to clean all jets | 7 6 | 7 6 |
| 390 | CLEAN ALL JETS | 17 0 | 17 0 |
| 391 | REPLACE CARBURETTOR | 10 0 | 10 0 |
| | (a) Extra to overhaul carburettor ... | 1 0 0 | 1 0 0 |
| 392 | OVERHAUL CARBURETTOR ... | 1 10 0 | 1 10 0 |

| Op. No. | Description of Operation | Fordson Tractor | | | Fordson Major Tractor | | |
|---------------------------------------|--|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |
| FUEL SYSTEM — <i>continued</i> | | | | | | | |
| 414P | REPLACE FUEL INJECTOR PUMP OR FIBRE COUPLING | N.A. | | | 16 | 0 | |
| 415P | REPLACE INJECTOR PUMP DRIVE | N.A. | | | 2 | 14 | 0 |
| 417P | FITTING A SET OF REPLACEMENT ATOMISERS OR GASKETS ... | N.A. | | | 1 | 3 | 0 |
| 418P | CLEAN AND/OR REPLACE FUEL FILTER ELEMENTS (2) | N.A. | | | 3 | 6 | |

ELECTRICAL SYSTEM

| | | | | | | | |
|-----|---|----|----|---|----|----|---|
| 420 | CLEAN, RESET AND REPLACE SPARKING PLUGS | 6 | 0 | | 6 | 0 | |
| 421 | REPLACE MAGNETO ASSEMBLY ... | 6 | 0 | | 6 | 0 | |
| | (a) Extra to renew impulse coupling ... | 6 | 0 | | 6 | 0 | |
| | (b) Extra to overhaul magneto ... | 1 | 3 | 0 | 1 | 3 | 0 |
| 423 | REPLACE H.T. LEAD (first) | 4 | 0 | | 4 | 0 | |
| | (a) Each additional lead | 2 | 0 | | 2 | 0 | |
| 424 | REPLACE MAGNETO H.T. CAP ... | 2 | 0 | | 2 | 0 | |
| 425 | REBUSH MAGNETO BRACKET ... | 1 | 2 | 6 | 1 | 2 | 6 |
| 426 | REPLACE MAGNETO IMPULSE COUPLING | 12 | 0 | | 12 | 0 | |
| | (includes op. 421 and 421a) | | | | | | |
| 427 | OVERHAUL MAGNETO | 1 | 15 | 0 | 1 | 15 | 0 |
| | (includes op. 421, 421a and 421b) | | | | | | |
| 428 | ADJUST MAGNETO CONTACT BREAKER POINTS | 4 | 0 | | 4 | 0 | |
| | (a) Extra to renew contact breaker assembly | 4 | 0 | | 4 | 0 | |
| | (b) Extra to renew contact breaker points | 4 | 6 | | 4 | 6 | |
| 429 | REPLACE CONTACT BREAKER ASSEMBLY | 8 | 0 | | 8 | 0 | |
| | (includes op. 428 and 428a) | | | | | | |
| 430 | REPLACE CONTACT BREAKER POINTS | 12 | 6 | | 12 | 6 | |
| | (includes op. 428, 428a and 428b) | | | | | | |
| 431 | CHECK AND/OR ADJUST IGNI- TION SYSTEM | 10 | 0 | | 10 | 0 | |
| | (includes op. 420 and 428) | | | | | | |

| Op. No. | Description of Operation | Fordson Tractor | | | Fordson Major Tractor | | |
|---|--|--------------------|----|----|-----------------------------|----|----|
| | | £ | s. | d. | £ | s. | d. |
| ELECTRICAL SYSTEM — <i>continued</i> | | | | | | | |
| 441P | REPLACE STARTER MOTOR ... | N.A. | | | 2 | 0 | |
| | (a) Extra to overhaul starter motor ... | N.A. | | | 1 | 12 | 0 |
| 442P | REPLACE STARTER MOTOR DRIVE PINION | N.A. | | | 6 | 6 | |
| 443P | REPLACE GENERATOR | N.A. | | | 2 | 0 | |
| | (a) Extra to overhaul generator ... | N.A. | | | 1 | 3 | 6 |
| 444P | OVERHAUL STARTER MOTOR ... | N.A. | | | 1 | 14 | 0 |
| | (includes op. 441 and 441a) | | | | | | |
| 445P | OVERHAUL GENERATOR | N.A. | | | 1 | 5 | 6 |
| | (includes op. 443 and 443a) | | | | | | |

MISCELLANEOUS

| | | | | | | | |
|-----|---|------|----|---|----|----|---|
| 500 | REPLACE MUDGUARDS —one ... | 1 | 4 | 0 | 2 | 6 | |
| | both ... | 2 | 9 | 0 | 5 | 6 | |
| 501 | REPLACE SEAT | 2 | 0 | | 2 | 0 | |
| | (a) Extra to replace springs | 8 | 6 | | 4 | 0 | |
| 502 | REPLACE DASH ASSEMBLY (upper) | 1 | 10 | 0 | 15 | 6 | |
| 503 | REPLACE ANY DASH CONTROL ROD | 4 | 0 | | 4 | 0 | |
| 504 | REPLACE OR INSTALL BELT PULLEY | 6 | 0 | | 6 | 0 | |
| | (a) Extra to overhaul belt pulley assy. | 15 | 6 | | 15 | 6 | |
| 505 | REPLACE HYDRAULIC LIFT DRIVE ASSEMBLY | N.A. | | | 6 | 0 | |
| 506 | INSTALL P.T.O. AND SHAFT ASSEM- BLY | 1 | 1 | 0 | 2 | 10 | 0 |
| 507 | REPLACE P.T.O. SHAFT AND GEAR ASSEMBLY | 1 | 6 | 6 | 2 | 11 | 6 |
| 508 | INSTALL HYDRAULIC LIFT AND DRIVE ASSEMBLY | N.A. | | | 17 | 6 | |
| 509 | REPLACE HYDRAULIC LIFT AND DRIVE ASSEMBLY | N.A. | | | 16 | 6 | |
| | (a) Extra to overhaul hydraulic lift drive | N.A. | | | 16 | 0 | |
| 510 | REPLACE HYDRAULIC LIFT PUMP ASSEMBLY | N.A. | | | 9 | 6 | |
| | (a) Extra to overhaul hydraulic lift assembly | | | | | | |
| | Single lever type | N.A. | | | 1 | 9 | 0 |
| | Two lever type | N.A. | | | 3 | 2 | 0 |

| Op. No. | Description of Operation | Fordson Tractor | Fordson Major Tractor |
|-------------------------|---|--------------------|-----------------------------|
| | | £ s. d. | £ s. d. |
| MISCELLANEOUS—continued | | | |
| 511 | ASSEMBLE AND INSTALL ADJUST- ABLE DRAWBAR | N.A. | 1 6 0 |
| 512 | INSTALL HYDRAULIC LIFT LINK- AGE AND BRACKETS | N.A. | 17 0 |
| 513 | REPLACE HYDRAULIC LIFT COUPLING | N.A. | 17 0 |
| 514 | REPLACE HYDRAULIC COUPLING PIN ONLY | N.A. | 7 6 |
| 525P | REPLACE OIL PRESSURE GAUGE ON DASH | N.A. | 2 0 |
| | (a) Extra to replace oil pressure gauge pipe | N.A. | 2 0 |
| 526P | REPLACE KI-GAS PRIMING PUMP ... | N.A. | 3 6 |
| | (a) Extra to replace Ki-gas priming pump pipe | N.A. | 2 0 |



DESTROY
PREVIOUS ISSUE
IMMEDIATELY

APRIL, 1954

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