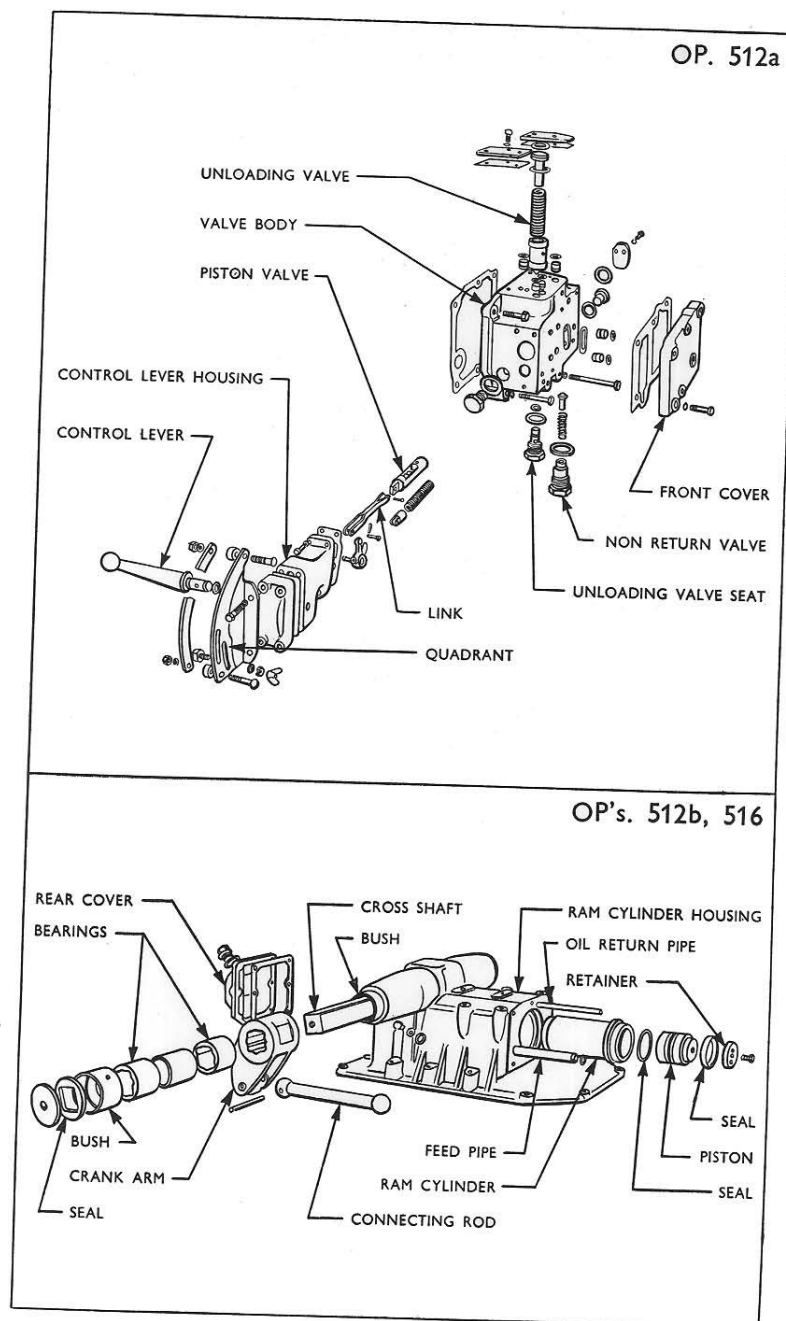
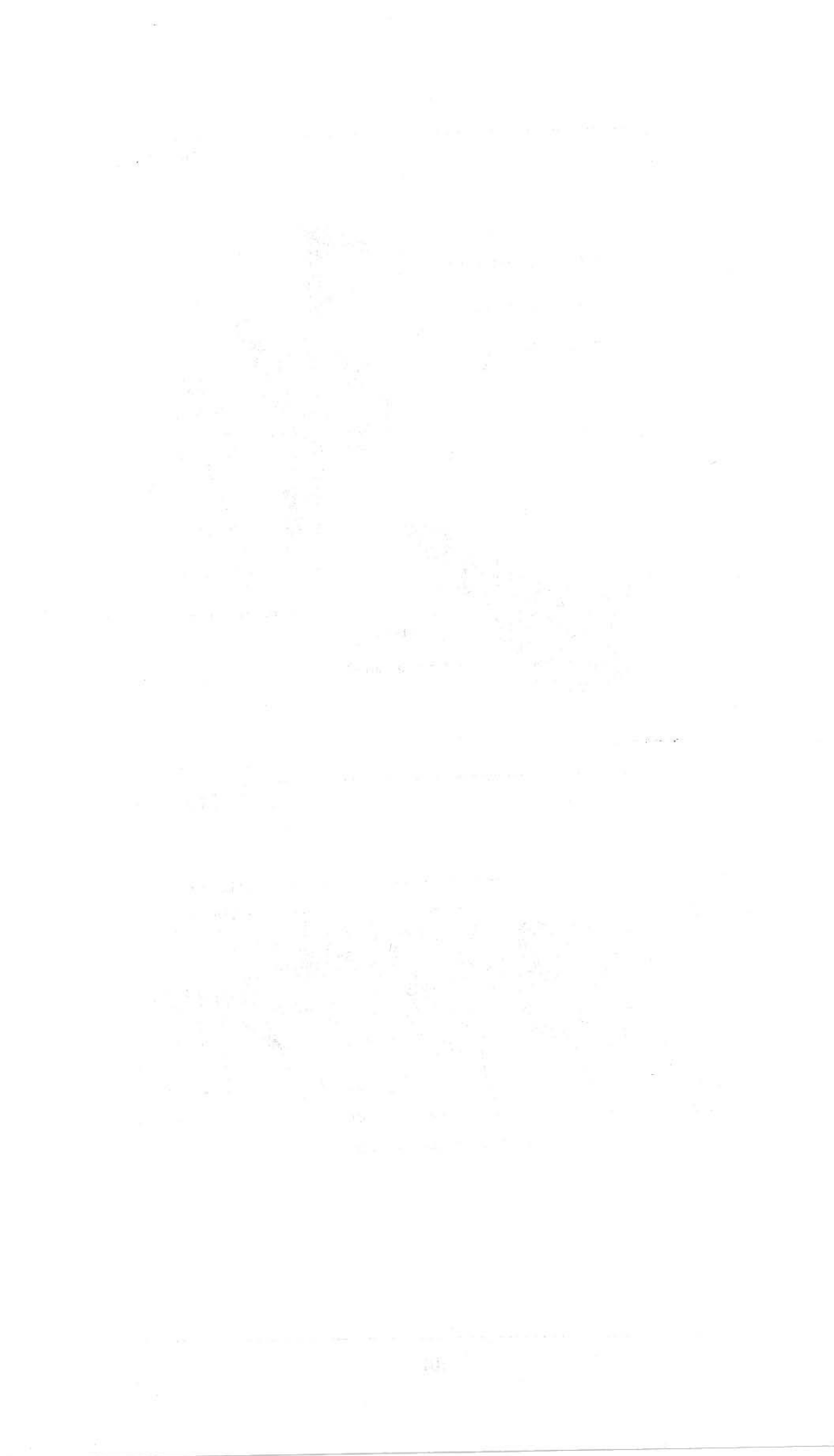






SUGGESTED REPAIR TIMES AND INDEX

FORDSON TRACTOR
PAGE 1

SUGGESTED REPAIR TIMES AND INDEX

HYDRAULIC SYSTEM AND POWER TAKE-OFF

Op. No.		Hours	Page No.
500-A	Replace hydraulic ram cylinder housing	2.3	24
500-B	Replace hydraulic ram cylinder and/or piston	0.8	100
500-C	Replace hydraulic ram cross shaft, bushes, and spacers and/or crank arm and connecting rod	1.3	100
500-D	Install complete hydraulic system and lift linkage	5.9	100
500-F	Replace hydraulic lift control valve chest assembly	0.6	100
600-A	Overhaul hydraulic lift control valve chest assembly	2.5	100
600-B	Replace hydraulic lift pump assembly	2.1	96
600-D	Overhaul hydraulic lift pump assembly	3.5	96
600-E	Overhaul hydraulic lift pump assembly, when brought in	1.4	96
700-A	Replace hydraulic pump drive gear on power take-off extension shaft	1.7	98
700-B	Replace power take-off assembly	2.7	98
700-C	Overhaul power take-off assembly	3.8	98
700-D	Replace power take-off extension shaft oil seal or retainer	1.7	98
760-A	Install power take-off and extension shaft assembly	2.9	98
760-B	Replace belt pulley assembly	0.5	96
760-C	Overhaul belt pulley assembly	1.2	96
	Install belt pulley assembly	0.6	96

WHEELS AND TYRES

1015-A	Replace rear wheel (not changing tyre and tube or spade lugs, etc.)	0.5	6
1015-B	Replace one front (pneumatic) wheel	0.9	4
1015-C	Replace one rear (pneumatic) wheel	2.6	6
1105-A	Lubricate and adjust front wheel bearings (both wheels)	0.8	4
1105-D	Replace front wheel bearings and cups (both wheels)	1.1	4
1113-D	Replace rear axle shaft wheel stud (each)	0.1	6
1503-A	Change rear pneumatic tyre (not including water ballasting)	2.6	6
1503-C	Change front pneumatic tyre	1.0	4

BRAKES

2000-A	Minor brake adjustment (brake wedges only)	0.2	14
2000-B	Overhaul braking system	6.1	16
2000-C	Replace all brake shoes and adjust	2.7	14
2019-Z	Replace brake shoes (with drums removed)	0.7	14
2213-A	Replace (each) brake carrier plate	1.6	14
2219-A	Replace (one) brake extension housing	3.0	22
2455-A	Replace brake pedal—Left-hand	1.0	14
	—Right-hand	0.9	14
2455-B	Replace brake pedal shaft oil seals	2.2	14
2455-C	Rebush brake pedals—Left-hand	1.2	14
	—Right-hand	1.1	14

FRONT AXLE AND STEERING GEAR

Op. No.		Hours	Page No.
3010-A	Overhaul front axle assembly	5.1	12
3010-B	Rebush (each) front axle beam extension	1.3	10
3010-C	Rebush both front axle beam extensions (when brought in)	1.0	10
3010-D	Replace front axle centre beam	1.7	12
3010-E	Replace front crossmember	2.7	12
3105-A	Replace (one) spindle body	0.7	10
3131-A	Replace one spindle arm—Left-hand	0.4	8
	—Right-hand	0.5	8
3131-B	Rebush both spindle arms	1.2	8
3131-C	Rebush one spindle arm (when brought in)	0.1	8
3283-B	Replace both track rod ends	0.4	8
3283-C	Replace one track rod end	0.2	8
3306-A	Replace drag link	0.3	8
3306-B	Overhaul drag link	0.9	8
3405-B	Rebush front axle radius rod	1.0	10
3405-C	Replace radius rod assembly	0.8	10
3405-D	Rebush radius rod (when brought in)	0.2	10
3500-A	Adjust steering gear	2.5	18
3500-C	Overhaul steering gear	3.4	18
3500-D	Replace steering gear	1.8	18
3500-E	Overhaul steering gear (when brought in)	1.6	18
3590-A	Replace steering drop arm	0.4	18
3600-A	Replace steering wheel	0.1	18

REAR AXLE

4000-A	Overhaul rear axle completely	24.0	28
4010-A	Replace (either) rear axle shaft housing	3.6	22
4010-B	Replace (both) rear axle shaft housings	8.5	22
4014-B	Replace axle centre housing top cover	1.3	24
4025-A	Replace rear axle centre housing	16.8	28
4200-B	Replace driving pinion and crown wheel	14.1	28
4235-A	Replace (either) rear axle shaft and/or large reduction gear	6.8	22
4235-B	Replace both rear axle shafts and/or large reduction gears	10.6	22
4235-C	Replace (either) rear axle shaft oil seal, add 3.5 hrs. for both seals	4.8	20
4240-A	Replace (each) bull pinion	2.5	22
4240-B	Replace bull pinion bearings and cups (each side)	3.0	22

EXHAUST SYSTEM

5230-A	Replace silencer assembly—Horizontal	0.6	32
	—Vertical	0.4	32

ENGINE

6000-A	Change engine assembly—	Petrol ...	11.8	52
		Kerosene ...	11.8	52
		Diesel ...	12.7	52
		Petrol ...	28.4	54
6000-B	Overhaul engine completely	Kerosene ...	28.4	54
		Diesel ...	30.7	54

ENGINE—continued

<i>Op. No.</i>			<i>Hours</i>	<i>Page No.</i>
6010-A	Change cylinder block—	Petrol ...	19.9	52
		Kerosene	19.9	52
6012-B	Change cylinder assembly—	Diesel ...	20.8	52
		Petrol ...	14.8	52
		Kerosene	14.8	52
6019-A	Replace cylinder front cover, oil seal or gasket—	Diesel ...	15.7	52
		Petrol ...	4.0	44
		Kerosene	4.0	44
6050-A	Replace cylinder head gasket—	Diesel ...	4.4	44
		Petrol ...	3.1	38
		Kerosene	3.1	38
6050-B	Replace cylinder head—	Diesel ...	4.0	38
		Petrol ...	8.9	38
		Kerosene	8.9	38
6055-A	Replace cylinder liners or liner seals (each) (with sump, cylinder head, pistons and connecting rods removed)	Diesel ...	10.0	38
6055-B	Replace all cylinder liners and seals—	Petrol ...	0.2	42
		Kerosene	10.2	42
		Diesel ...	10.2	42
6110-A	Replace one piston assembly. Add 0.5 hrs. for each additional—	Diesel ...	11.9	42
		Petrol ...	7.9	42
		Kerosene	7.9	42
6110-B	Replace all piston assemblies (with cylinder head removed)—	Diesel ...	9.6	42
		Petrol ...	6.3	42
		Kerosene	6.3	42
6110-C	Replace all piston assemblies (with sump removed)—	Diesel ...	7.1	42
		Petrol ...	6.6	42
		Kerosene	6.6	42
6110-D	Replace all piston assemblies (with cylinder head and sump removed)—	Diesel ...	8.3	42
		Petrol ...	3.5	42
		Kerosene	3.5	42
6149-A	Install new piston rings—	Diesel ...	4.3	42
		Petrol ...	9.4	42
		Kerosene	9.4	42
6200-A	Replace one connecting rod. Add 0.5 hrs. for each additional—	Diesel ...	11.1	42
		Petrol ...	7.9	42
		Kerosene	7.9	42
6200-C	Replace one pair of connecting rod bearing liners. Add 0.2 hrs. for each additional ...	Diesel ...	9.6	42
6251-A	Replace camshaft—	Petrol ...	3.0	42
		Kerosene	8.1	44
		Diesel ...	8.1	44
6256-A	Replace crankshaft, camshaft and auxiliary drive gears—	Diesel ...	8.6	44
		Petrol ...	4.8	44
		Kerosene	4.8	44
6256-B	Replace crankshaft, camshaft and auxiliary drive gears (with front cover removed) ...	Diesel ...	5.3	44
6256-C	Replace auxiliary drive shaft or bearings—	Petrol ...	0.8	44
		Kerosene	9.1	44
		Diesel ...	9.1	44
		Diesel ...	9.7	44

ENGINE—continued

<i>Op. No.</i>			<i>Hours</i>	<i>Page No.</i>
6303-A	Replace crankshaft—	Petrol ...	15-0	52
		Kerosene	15-0	52
		Diesel ...	16-0	52
6312-A	Replace crankshaft pulley—	Petrol ...	3-2	46
		Kerosene	3-2	46
		Diesel ...	3-8	46
6331-A	Replace all main bearings	...	4-1	42
6331-B	Replace all main bearings (with sump removed)	...	1-3	42
6384-B	Replace or reposition flywheel ring gear (with engine separated from transmission)	...	1-4	54
6384-C	Replace or reposition flywheel ring gear	...	7-0	54
6449-A	Replace valve rocker cover or gasket	...	0-4	34
6459-A	Replace valve rocker shaft assembly and/or push rods	...	1-2	34
6459-B	Overhaul valve rocker shaft assembly—	Petrol ...	1-6	34
		Kerosene	1-6	34
		Diesel ...	2-2	34
6505-A	Adjust valve clearances ...	...	0-8	34
6505-B	Grind valves and decarbonise cylinder head and pistons—	Petrol ...	8-6	38
		Kerosene	8-6	38
		Diesel ...	10-2	38
6505-C	Grind valves and decarbonise cylinder head and pistons (with cylinder head removed)—	Petrol ...	5-5	38
		Kerosene	5-5	38
		Diesel ...	6-2	38
6505-D	Grind one valve and decarbonise—	Petrol ...	5-2	38
		Kerosene	5-2	38
		Diesel ...	6-9	38
6510-A	Replace one valve guide—	Petrol ...	5-4	38
		Kerosene	5-4	38
		Diesel ...	7-1	38
6510-B	Replace all valve guides—	Petrol ...	9-9	38
		Kerosene	9-9	38
		Diesel ...	11-6	38
6510-C	Replace one valve guide (with cylinder head removed)—	Petrol ...	2-3	38
		Kerosene	2-3	38
		Diesel ...	3-1	38
6513-B	Replace one valve spring. Add 0-4 hrs. for each additional	...	1-6	34
6520-A	Replace tappet chamber cover or gasket—	Petrol ...	0-2	32
		Kerosene	0-2	32
		Diesel ...	0-5	32
6600-A	Replace oil pump assembly—	Petrol ...	3-4	42
		Kerosene	3-4	42
		Diesel ...	3-0	42
6600-B	Replace oil pump assembly (with sump removed)—	Petrol ...	0-6	42
		Kerosene	0-6	42
		Diesel ...	0-2	42
6675-A	Replace sump or gaskets	...	2-8	42

TRANSMISSION AND CLUTCH

7000-A	Overhaul transmission completely	...	22-3	62
7000-B	Overhaul transmission completely (when dismantled from engine)	...	16-7	62
7004-A	Replace main transmission housing	...	18-0	62

TRANSMISSION AND CLUTCH—continued

Op. No.		Hours	Page No.
7004-B	Replace primary transmission housing	13-8	62
77010-A	Replace primary transmission housing assembly complete	10-5	62
77010-B	Overhaul primary transmission assembly	13-8	62
7225-A	Overhaul main gear selector cover assembly	1-0	64
7225-B	Replace main gear selector cover assembly	0-3	64
77101-A	Overhaul primary gear selector mechanism	2-7	64
77101-B	Replace primary gear selector housing assembly	2-2	64
7563-A	Adjust clutch pedal clearance	0-1	56
7563-B	Replace clutch disc or pressure plate	5-9	62
7563-D	Replace clutch release bearing	5-7	62
7600-A	Replace clutch pilot bearing	6-2	62

COOLING SYSTEM

8005-A	Replace radiator assembly	2-7	66
8200-A	Replace radiator cowl	1-0	66
8260-A	Replace both cooling system hoses	0-6	62
8475-A	Replace radiator shutter assembly	1-1	62
8501-A	Replace water pump	0-9	70
8501-B	Overhaul water pump	1-5	70
8501-C	Overhaul water pump (when brought in)	0-6	70
8575-A	Replace thermostat	0-4	66
8600-A	Replace fan blade	0-2	68
8620-B	Replace fan belt and adjust	0-1	68

FUEL SYSTEM

9002-A	Replace fuel tank	1-2	72
9273-C	Replace oil pressure gauge	0-6	94
9350-A	Replace fuel lift pump	0-2	76
9350-B	Overhaul fuel lift pump	0-8	76
9425-A	Replace inlet and exhaust manifold and/or gaskets—		
	Petrol	1-0	32
	Kerosene	1-2	32
	Diesel	0-9	32
9510-J	Replace main carburettor assembly—	Petrol	0-3
		Kerosene	0-3
		Petrol	0-9
9510-K	Overhaul main carburettor assembly—	Kerosene	0-9
		Petrol	0-9
99592-A	Replace starting carburettor assembly—	Kerosene	0-3
99592-B	Overhaul starting carburettor assembly—	Kerosene	0-6
9600-A	Remove air cleaner base and clean or renew filter element	0-3	80

FUEL INJECTION EQUIPMENT (DIESEL ENGINE)

993100-A	Replace fuel injection pump assembly—	Diesel	1-0	74
993100-B	Phase and calibrate fuel injection pump—	Diesel	4-1	74
993100-C	Overhaul fuel injection pump—	Diesel	6-2	74
993100-D	Replace fuel injection pump delivery valves or springs—	Diesel	0-7	78
993157-A	Replace, clean and test set of fuel injectors—	Diesel	4-7	78
993157-B	Replace one fuel injector assembly. Add 0-1 hours for each additional—	Diesel	0-7	78
993157-C	Replace injector housings and seals (each) (with injector removed)		0-4	78
993170-A	Replace fuel injection pipes—	Diesel	0-6	72
993183-A	Replace fuel injection pump drive coupling—	Diesel	1-2	74

ELECTRICAL SYSTEM

Op. No.		Hours	Page No.	
10000-A	Replace generator assembly	0-5	82	
10000-B	Overhaul generator	2-8	82	
10000-G	Replace generator brushes and clean commutator ...	0-8	82	
10505-A	Replace voltage regulator unit	0-5	84	
10850-A	Replace ammeter	0-4	84	
10861-A	Replace water temperature gauge assembly	1-2	70	
11000-A	Replace starter motor assembly—	Petrol ...	0-3	86
		Kerosene	0-3	86
		Diesel ...	0-6	86
11000-B	Overhaul starter motor assembly—	Petrol ...	2-0	86
		Kerosene	2-0	86
		Diesel ...	2-2	86
11350-A	Overhaul starter motor drive (diesel) or replace drive and spring—	Petrol ...	0-3	86
		Kerosene	0-3	86
		Diesel ...	0-8	86
11450-A	Replace starter relay switch—	Petrol ...	0-3	86
		Kerosene	0-3	86
		Diesel ...	1-0	86
11575-A	Replace ignition or starter isolation switch lock barrel	0-4	88	
		0-8	92	
11575-B	Replace lighting switch	0-2	88	
12024-A	Replace ignition coil—	Petrol ...	0-2	88
		Kerosene	0-2	88
12100-A	Replace distributor assembly—	Petrol ...	0-4	88
		Kerosene	0-4	88
12100-B	Overhaul distributor—	Petrol ...	1-4	88
		Kerosene	1-4	88
12100-C	Replace distributor contact breaker points—	Petrol ...	0-2	86
		Kerosene	0-2	86
12283-A	Replace all distributor to spark plug leads—	Petrol ...	0-4	90
		Kerosene	0-4	90
12405-C	Remove, clean, reset and replace spark plugs—	Petrol ...	0-4	90
		Kerosene	0-4	90
		0-2	90	
13002-A	Replace headlamps (each)	0-2	92	
13202-A	Replace side lamps (each)	0-1	90	
13407-A	Replace rear lamp	1-4	92	
14401-A	Replace main wiring loom			

MUDGUARDS

16312-A	Replace mudguards (each)	1-1	94
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GOVERNOR

18200-A	Replace governor assembly—	Petrol (mechanical) ...	0-6	80
		Kerosene (mechanical) ...	0-6	80
		Diesel (pneumatic) ...	0-2	80
18200-B	Overhaul governor assembly (mechanical)—	Petrol ...	1-4	80
		Kerosene	1-4	80
18200-D	Replace governor diaphragm and spring (pneumatic)—	Diesel ...	0-5	80