SPARE PARTS LIST

WITH ILLUSTRATIONS

FOR

Fordson *Major* TRACTOR

1945/49

By Appointment - Motor Vehicle Manufacturers

FORD MOTOR COMPANY LIMITED

DAGENHAM · ESSEX · ENGLAND

SPARE PARTS LIST

WITH ILLUSTRATIONS

FOR

Fordson *Major* TRACTOR

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By Appointment - Motor Vehicle Manufacturers

FORD MOTOR COMPANY LIMITED
DAGENHAM · ESSEX · ENGLAND

SPARE PARTS LIST

WITH ILLUSTRATIONS

FOR

Fordson
MAJOR
TRACTORS

AGRICULTURAL
ROW CROP
LAND UTILITY
INDUSTRIAL

1945/49

By Appointment—Motor Vehicle Manufacturers

FORD MOTOR COMPANY LIMITED
DAGENHAM ESSEX ENGLAND

INDEX TO ILLUSTRATIONS

AT END OF PARTS LIST

	Plate No.
Air Cleaner	9
Axle—Front	2
Axle—Rear	4
Brake—Steering	1
Brake—Transmission	6
Carburettor	10
Choke—Control	13
Clutch	6
Crankcase	5
Dash	3
Differential	4
Drag Link	2
Drive—H.P.L.	16
Engine	5
Gearbox	6
Gear Change	7
Generator	11
Governor	13
Hand Brake	1
Ignition Control	13
Linkage—H.P.L.—for Rear Mounted Implements	16
Magneto (1945-46)	14
Magneto (1947)	15
Pipe Line—Fuel	9
Power Take-off	7
Pulley	19
Pump—H.P.L.—Single Lever Control	17
Pump—H.P.L.—Double Lever Control	18
Pump—Water	8
Radiator	8
Radius Rod	2
Starter Motor	12
Steering	3
Transmission—Front	6
Transmission—Rear	4
Vaporiser	9
Water Pump	8

INDEX

	Page
Air Cleaner—1945	41
Air Cleaner—1946 onward	59
Air Cleaner—Primary	42
Ammeter	47
Automatic Clutch Release	80
Axle—Front	12
Axle—Rear	16
Battery	47
Battery Support	22
Body—Industrial Tractor	84
Brake—Rear—Industrial Tractor	10
Brake—Steering	7
Brake—Transmission	11, 34
Calormeter	48
Camshaft	25
Carburettor	40
Choke Control	42
Clutch	33
Connecting Rod	24
Control—Choke	42
Control—Governor	61
Control—Spark	62
Coupler—Automatic	19
Crankcase	26
Crankshaft	25
Cylinder	23
Cylinder Head	23
Dash	67
Dipstick—Engine	26
Dipstick—Rear Transmission	19
Differential	18
Drag Link	13
Drawbar	20
Engine	23
Fan and Pulley	37
Flywheel	26
Frame—Industrial Tractor	21
Fuel Pipe Line	38
Fuel Tank	38
Gearbox	27
Gear Change	30
Generator	45
Governor	60
Hand Brake	11
Head Lamp	52
Horn	53
Hydraulic Power Lift	69
Ignition	51
Instrument Panel	51
Junction Box	55
Licence Brackets	53
Lighting Installation	54
Lighting Switch	50
Linkage—H.P.L.—Front Mounted	82
Linkage—H.P.L.—Rear Mounted	75
Magneto	62
Main Bearings	25
Manifold	39
Mirror—Rear View	59
Mudguards	56
Pipe Line—Fuel	38
Pistons	24
Power Take-off	31
Pulley	68
Pump—Water	37
Pump—H.P.L.	69
Radiator	35
Radiator Blind	60
Rear Lamp	53
Regulator	47
Seat	67
Sediment Bulb	38
Silencer	22
Sparking Plug	52
Speedometer	58
Standard Parts	85
Starter Motor	48
Starting Handle	57
Steering Gear	14
Swinging Drawbar	20
Tools	57
Transmission Chart	28
Transmission—Front	27
Transmission—Rear	16
Valves	26
Vaporiser	43
Water Pump	37
Wheels	5
Windscreen Wiper	59
Wiring—Ignition	51
Wiring—Main	54

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.

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; it is stamped on the engine on the right-hand side immediately above the front manifold to cylinder screw.
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.

WHEN ORDERING

refer

(1) To illustration.

(2) To parts list for correct part number.

Always quote prefix and suffix letters when ordering.

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SPARE PARTS LIST

FOR

Fordson MAJOR

TRACTORS

Part No.	Name of Part	Year	Remarks	Qty. Req.
WHEELS				
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	1945/—	With E27N-1019-B	2
	Disc (rear wheel)—10-hole	1945/46	With E27N-1019-C/D	2
E27N —1017-C	...Disc (rear wheel)—8-hole	1946/—	With E27N-1019-C/D	2
23569-S	...Bolt (disc to wheel rim)	1945/—		20/16
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 —1037-A	...Rim (rear wheel) assy.	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
34709-S	...Washer	1945/—	(For 4½″ wheels 72 req.)	104
34809-S	...Lockwasher	1945/—	(For 4½″ wheels 72 req.)	104

WHEELS—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
E27N —1077	...Reinforcement (rear wheel weight disc)	1945/—		10
E27N —1078-A	...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 —1087	...Installation (rear wheel extension rim)	1945/—	Use with E27N-1019-B	1
E27N —1118-A	Bolt (axle shaft to wheel)—R.H. thread	1945/46		6
	Bolt (axle shaft to wheel)—R.H. thread	1947/—	Except Ind	12
E27N —1118-B	...Bolt (adaptor and axle to wheel)	1947/—	Ind.	12
E27N —1119	...Bolt (axle shaft to wheel)—L.H. thread	1945/46		6
BBE —1120	Nut (axle shaft to wheel)—R.H. thread	1945/46		6
	Nut (axle shaft to wheel)—R.H. thread	1947/—		12
BBE —1121	...Nut (axle shaft to wheel)—L.H. thread	1945/46		6
E27N —1126	...Drum (brake)	1947/—	Ind.	2
E27N —1128	...Cap (front wheel hub)	1945/—		2
WOA1—1138-A	...Washer (brake drum to shaft)	1945/—	With steering brakes	2
BBE —1150	...Washer (rear wheel nut)	1945/—		12
E27N —1173	...Adaptor (axle to brake drum)	1947/—	Ind.	2
E27N —1174	...Retainer (rear axle grease) assy.	1945/—		2
E27N —1180	...Felt (rear axle shaft bearing)	1945/—		2
E27N —1182	...Gasket (rear axle grease and felt retainer)	1945/—		2
E27N —1183	...Shell (rear axle grease and felt retainer)	1945/—		2
§E27N —1190-B	...Ring (front spindle dust)	1945/—		2
E27N —1191	...Bolt (brake drum to adaptor)	1947/—	Ind.	12
33832-S	...Nut	1947/—		12
34809-S2	...Lockwasher	1947/—		12
E27N —1193	...Felt (front wheel dust ring)	1946/—		2
N —1195	Washer (front wheel spindle)	1945/46	With E27N-3107/8-A	2
	Washer (pulley drive gear)	1945/—	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-3107/8-A/B	2
N —1201-B	...Cone (front wheel) and roller assy.—inner	1945/46		

† 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.

WHEELS—continued

Part No.	Name of Part	Year	Remarks	Qty Req.
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/—		
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)	1948/—		2
20306-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 —2018	...Shoe (brake) and lining assy.—first	1945/48		2
E27N —2019-D	...Shoe (brake) and lining assy.—second	1945/48		2
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
E27N —2021-B	...Lining (brake shoe)	1948/—		4
64664-ES	...Rivet (lining to shoe)	1948/—		48
E27N —2025	...Post (brake shoe steady)	1948/—		8
FN-105-K	...Nut	1948/—		8

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

STEERING BRAKES—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
E27N —2029	...Washer (brake anchor pin)	1948/—		2
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/—		1
WOA1—2048	...Screw (brake shoe adjusting)—L.H.	1945/—		1
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
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
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/—		8
34807-S	...Lockwasher	1945/—		8
E27N —2284	...Cup (steering brake anchor) and spring assy.	1945/—		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

§ 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.

STEERING BRAKES—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
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-A	...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

Part No.	Name of Part	Year	Remarks	Qty. Req.

REAR BRAKES
(Industrial Tractor only)

For Part Nos. 2019 to 2551 see also previous Section

E27N —2019-C	...Shoe (brake) and lining assy.	1947/—		4
E27N —2021-C	...Lining (brake shoe)	1947/—		4
119453-ES	...Rivet (lining to shoe)	1947/—		48
E27N —2023	...Roller (brake shoe)	1947/—		4
E27N —2035-B	...Spring (brake shoe)	1947/—		4
E27N —2041	...Cone (brake adjuster)	1947/—		2
E27N —2049	...Housing (brake adjuster)	1947/—		2
FB-106/9-B	...Bolt (housing to backing plate)	1947/—		4
3 847-ES2	...Lockwasher	1947/—		4
E27N —2055	...Pin (brake expander)	1947/—		2
E27N —2062	...Plunger (brake adjuster)—R.H.	1947/—		2
E27N —2063	...Plunger (brake adjuster)—L.H.	1947/—		2
E27N —2074	...Post (brake shoe steady)	1947/—		4
34083-ES	...Nut (locking)	1947/—		4
E27N —2203	...Cover (brake dust) assy.	1947/—		2
E27N —2215-B	...Plate (brake backing)	1947/—		2
25704-ES	...Bolt (backing plate to adaptor)	1947/—		8
34021-S	...Nut	1947/—		8
72062-S	...Cotter	1947/—		8
E27N —2219	...Housing (expander) and stud assy.	1947/—		2
119580-ES	...Nut (expander stud)	1947/—		4
119691-ES	...Lockwasher	1947/—		4
E27N —2257	...Collet (brake expander)	1947/—		4
E27N —2278	...Piece (expander housing distance)	1947/—		2
E27N —2280	...Plunger (brake expander)	1947/—		4
7 107-S	...Cotter	1947/—		4
E27N —2282	...Plug (brake expander)	1947/—		2
E27N —2289	...Link (brake draw)	1947/—		2
E27N —2293	...Adaptor (brake backing plate)	1947/—		2
N-21330-C	...Screw (adaptor to axle housing)	1947/—		2
34814-S	...Lockwasher	1947/—		2
E27N —2455-C	...Pedal (brake)	1947/—		1
E27N-7506-C	...Shaft (brake and clutch cross)	1947/—		1
E27N-7507	...Collar (cross shaft retaining)	1947/—		1
74006-S7	...Pin (collar retaining)	1947/—		1
72005-S	...Cotter	1947/—		1
N-7585	...Felt (cross shaft)	1947/—		2
E27N-7508	...Washer (cross shaft thrust)	1947/—		2
7W —2480	...Bush (bell crank lever)	1947/—		2
E27N —2489	...Pin (brake pedal and lever to cross shaft)	1947/—		2
33786-S	...Nut	1947/—		2
34827-S	...Lockwasher	1947/—		2
E27N —2500	...Rod (pedal and lever to bell crank lever)	1947/—		2

Part No.	Name of Part	Year	Remarks	Qty. Req.

REAR BRAKES—continued
(Industrial Tractor only)

97012-S	...Clevis (adjustable)	1947/—		2
33923-S	...Nut (locking)	1947/—		2
73911-S	...Pin (clevis)	1947/—		4
72017-S	...Cotter	1947/—		4
E27N —2514-B	...Lever (brake cross shaft)	1947/—		1
E27N —2538	...Bracket (bell crank support)—R.H.	1947/—		1
E27N —2540	...Bracket (bell crank support)—L.H.	1947/—		1
FWB-110/20-D	..Screw (bracket to axle housing)	1947/—		4
34811-S	...Lockwasher	1947/—		4
E27N —2560	...Lever (bell crank) and bush assy.—R.H.	1947/—		1
353031-S7/8	...Lubricator (R.H. and L.H. lever)	1947/—		2
E27N —2563	...Pivot (bell crank lever)	1947/—		2
E27N —2566	...Lever (bell crank) and bush assy.—L.H.	1947/—		1
97013-S	...Clevis (lever to brake rod)	1947/—		2
73919-S	...Pin (clevis)	1947/—		2
72026-S	...Cotter	1947/—		2
51 —2639	...Pin (pulley shifter handle)	1945/—	With N-115050-E only...	1

TRANSMISSION HAND BRAKE

E27N —2714	...Cam (hand brake operating)	1945/—		1
61637-S	...Rivet (cam to hand brake lever)	1945/—		1
E27N —2716	...Catch (hand brake lever)	1945/—	On clutch balance lever	1
E27N —2764	...Washer (brake drum spacing)	1945/48	With steering brakes ...	2
E27N —2766-B	...Plate (steering brake adjuster cover)	1945/—	With steering brakes ...	2
E27N —2767-B	...Drum (steering brake)	1945/—	With steering brakes ...	2
E27N —2768	...Housing (steering brake plate support and oil seal)	1945/—	See Rear Transmission...	2
E27N —2773-A	...Seal (steering brake bull pinion oil)	1945/—	See Rear Transmission...	2
E27N —2774-A	...Cover (steering brake) assy.—R.H.	1945/48	With steering brakes ...	1
E27N —2774-B	...Cover (steering brake)	1948/—	With steering brakes ...	2
§E27N —2780-A	...Lever (hand brake) assy.	1945/—		1
34766-S	...Washer (lever to transmission housing)	1945/—		1
51-2472	...Spring (hand brake lever retracting)	1945/—		1
E27N-7542	...Plate (retracting spring) assy	1945/—		1
20492-S	...Screw (plate to transmission housing)	1945/—		1
34809-S	...Lockwasher	1945/—		1

§ Optional designs, forged and pressed steel.

TRANSMISSION HAND BRAKE—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
E27N —2781	...Cover (steering brake) assy.—L.H.	1945/48	With steering brakes	1
□E27N —2785-A	...Rod (hand brake lever pawl)	1945/—		1
□ 73887-S7	...Pin (rod to latch clevis)	1945/—		1
□ 72003-S	...Cotter	1945/—		2
■E27N —2785-C	...Rod (hand brake lever pawl)	1948/—		1
□E27N —2786-A	...Pawl (hand brake lever)	1945/—		1
■E27N —2786-B	...Pawl (hand brake lever)	1948/—		1
■ 72000-S	...Cotter (pawl to rod)	1948/—		1
■WOT6—2787	...Nipple (hand brake lever pawl rod)	1948/—		1
□B —2788	...Spring (hand brake lever pawl rod)	1945/—		1
□ 34703-S2	...Washer (spring retainer)	1945/—		1
■YE —2793	...Spring (hand brake lever pawl rod)	1948/—		1
E27N —2795	...Sector (hand brake lever)	1945/—		1
20412-S	...Screw (sector to transmission housing)	1945/—		2
34809-S	...Lockwasher	1945/—		2
□BBE —2796-X	...Plate (hand brake lever latch)	1945/—		1
■7V —2796	...Arm (hand brake lever latch pivot)	1948/—		1
■ 119457-ES	...Rivet (pivot arm and latch to lever)	1948/—		1
■ 60442-S	...Rivet (pivot arm to latch)	1948/—		1
BBE —2817-X	...Retainer (hand brake lever pawl rod)	1945/—		2
34079-S2	...Nut (rod retainer)	1945/—		2
E27N —2867	Seal (hand brake camshaft oil)	1945/—		1
	Seal (clutch release shaft oil)	1945/—		1

FRONT AXLE

E27N —3004-A	...Axle (front) assy.	1945/—	Fixed	1
E27N —3004-B	...Axle (adjustable front) assy.—centre	1945/—	Adjustable	1
N —3005	...Bush (front axle trunnion)	1945/—		1
N —3006	...Trunnion (front axle)	1945/—		1
N-22426	...Washer (trunnion)	1945/—		2
72095-S	...Cotter	1945/—		2
†E27N —3105-B	...Spindle (front wheel) assy.—R.H.	1945/—		1
†E27N —3106-B	...Spindle (front wheel) assy.—L.H.	1945/—		1
351125-S	...Nut (spindle)	1945/46	With E27N-3107/8-A	2
351152-S	...Nut (spindle)	1946/49		2
E27N-3161-B	...Nut (spindle clamp)	1949/—		2
72071-S	...Cotter	1945/—		2

†When replacing earliest type spindles (E27N–3107–A/B and E27N–3108–A/B) order also E27N–1190–B, E27N–1193, E27N–1201, E27N–3123–B, E27N–3132–B/3–B and E27N–3528–B.

□ Use only with forged design. ■ Used only with pressed steel design.

FRONT AXLE—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
7V —3109	Bush (L.H. brake pedal)	1945/—	With steering brakes	1
	Bush (brake pedal shaft)	1945/—		2
	Bush (clutch pedal)	1945/—	With brakes	1
	Bush (clutch release shaft)	1945/—		3
	Bush (hand brake cam)	1945/—		2
E27N —3109	...Bush (front wheel spindle)—upper	1945/—		2
E27N —3110	...Bush (front wheel spindle)—lower	1945/—		2
7V —3123-B	...Bearing (H.P.L. levelling box) assy.	1946/—	With H.P.L.	1
E27N —3123-A	...Bearing (front wheel spindle) assy.	1945/46	With E27N-3107/8-A/B	2
E27N —3123-B	...Bearing (front wheel spindle) assy.	1946/—		2
E27N —3132-A	...Arm (spindle steering) assy.—R.H.	1945/46	With E27N-3107/8-A/B	1
E27N —3132-B	...Arm (spindle steering) assy.—R.H.	1946/—		1
E27N —3133-A	...Arm (spindle steering) assy.—L.H.	1945/46	With E27N-3107/8-A/B	1
E27N —3133-B	...Arm (spindle steering) assy.—L.H.	1946/—		1
E27N-3545	...Bolt (steering arm clamping)	1945/—		2
33969-S	...Nut	1945/—		2
72035-S	...Cotter	1945/—		2
N —3134	...Bush (steering arm)	1945/—		2
E27N —3161-B	...Nut (front wheel spindle clamp)	1949/—	With E27N-3105/6-B	2
20189-S7	...Bolt (clamping)	1946/—		2
33786-S7	...Nut	1946/—		2
34827-S	...Lockwasher	1946/—		2
E27N —3240	...Extension (front axle) assy.—R.H.	1945/—	With adjustable axle	1
E27N —3241	...Extension (front axle) assy.—L.H.	1945/—	With adjustable axle	1
E27N —3248	...Bolt (front axle centre to extension)	1945/—	With adjustable axle	6
33842-S	...Nut	1945/—	With adjustable axle	6
34815-S	...Lockwasher	1945/—	With adjustable axle	6
E27N —3280-A	...Rod (spindle connecting)	1945/—	With fixed axle	1
E27N —3280-B	...Rod (spindle connecting) and tube assy.	1945/—	With adjustable axle	1
N —3284	...Stud (steering arm ball)—front	1945/—		1
E27N —3284	...Stud (steering arm ball)—rear	1945/—		1
33973-S	...Nut	1945/—		2
72053-S	...Cotter	1945/—		2
E27N —3287	...Clip (spindle connecting rod tube)	1945/—	With adjustable axle	2
22298-S	...Bolt (clip clamping)	1945/—	With adjustable axle	2
33969-S	...Nut	1945/—	With adjustable axle	2
72035-S	...Cotter	1945/—	With adjustable axle	2
N —3287	...Pin (spindle connecting rod yoke)	1945/—		2
353026-S7	...Lubricator (yoke pin)	1945/—		2
72035-S	...Cotter	1945/—		2
E27N —3289-A	...End (spindle connecting rod) assy.	1945/—	With adjustable axle	2
E27N —3304	...Link (steering drag) assy.	1945/—		1
353027-S7	...Lubricator—straight	1945/—		1
353031-S7	...Lubricator—angle	1945/—		1
BE —3320	...Socket (drag link ball)	1945/—		1
B —3326-B	...Seat (drag link ball)	1945/—		2
B —3327	...Spring (drag link ball)	1945/—		2

Part No.	Name of Part	Year	Remarks	Qty Req.

FRONT AXLE—continued

BE —3328	...Plug (drag link ball)	1945/—		2
72071-S	...Cotter	1945/—		2
BBE —3332-A	...Retainer (drag link grease)—front	1945/—		1
BB —3333-A	...Cap (drag link grease retainer)—front	1945/—		1
E27N —3336	...Retainer (drag link grease)—rear	1945/—		1
E27N —3338	...Cap (drag link grease retainer)—rear	1945/—		1
E27N —3405-C	...Rod (fixed axle radius) assy.	1945/—	With fixed axle	1
E27N —3405-D	...Rod (adjustable axle radius) assy.	1945/—	With adjustable axle	1
22451-S	...Bolt (radius rod to front axle)	1945/—		2
34001-S2	...Nut	1945/—		2
72071-S	...Cotter	1945/—		2
N —3407	...Bush (radius rod yoke)	1945/—		1
N —3413-C	...Pin (radius rod)—rear	1945/—		1
72148-S	...Cotter	1945/—		1

STEERING GEAR

E27N —3504-B	...Shaft (steering), gear and housing assy.	1945/—		1
E27N —3510	...Column (steering) and bush assy.	1945/—		1
20432-S	...Screw (column to steering housing)	1945/—		4
34809-S	...Lockwasher	1945/—		4
353026-S7	...Lubricator (steering column)	1945/—		1
N —3512-C	...Bush (steering column)	1945/—		1
N —3517-A	...Bush (H.P.L. pump drive housing)—front	1945/—	With H.P.L.	1
E27N —3518	...Cap (steering gear upper end)	1947/—		1
20407-S2	...Bolt (cap to housing)	1947/—		4
34826-S2	...Lockwasher	1947/—		4
E27N —3524-A	...Shaft (steering) and worm assy.	1945/47		1
N-22420	...Washer (steering shaft thrust)	1945/47		1
E27N —3524-B	...Shaft (steering) and main nut assy.	1947/—		1
E27N —3528-A	...Seal (spindle steering arm dust)	1945/46	With E27N-3107/8-A/B	2
E27N —3528-B	...Seal (spindle steering arm dust)	1946/—		2
E27N —3537-A	...Housing (steering gear main)	1945	With N-9625-D	1
E27N —3537-B	...Housing (steering gear main)	1946/—	With E27N-18206-A	1
N-20690-A	...Screw (housing to trans. housing)	1945/—	1 only with N-9625-D	3
E27N-7034	...Bolt (front trans. housing breather)	1945/—		1
20798-ES	...Screw (housing and air cleaner)	1945	With N-9625-D	2
34810-S2	...Lockwasher	1945/—		4
N-9635	...Gasket (steering gear main housing)	1945/—		1

Part No.	Name of Part	Year	Remarks	Qty. Req.

STEERING GEAR—continued

B —3538	...Plug (steering gear oil filler)	1945/47		1
E27N —3538	...Plug (steering gear oil)	1947/—		1
E27N —3539	...Seal (steering gear oil)	1947/—		1
E27N —3545	...Bolt (steering arm clamping)	1945/—	See Front Axle	2
E27N —3548	...Housing (steering gear) assy.	1947/—	Includes bush	1
N —3550	...Housing (sector and worm)	1945/47		1
BB —3552	...Cup (worm thrust bearing)—lower	1945/47		1
BB —3553	...Cup (worm thrust bearing)—upper	1945/47		1
E27N —3553	...Screw (main nut locating)	1947/—		1
119812-ES	...Ball (main nut locating)	1947/—		1
E27N —3556	...Race (steering gear ball)	1947/—		1
353075-ES	...Ball (steering gear bearing)	1947/—		As req.
E27N —3557	...Nut (steering gear main)	1947/—		1
E27N —3558	...Bush (rocker shaft)—inner	1947/—	In housing	1
BB —3562	...Washer (worm thrust) assy.	1945/47		1
E27N —3564	...Washer (main nut locating screw tab)	1947/—		1
E27N —3565	...Gasket (main nut locating screw)	1947/—		As req.
E27N —3568	...Plate (steering gear housing lower end)	1947/—		1
20327-ES	...Bolt (end plate to housing)	1947/—		2
34826-S2	...Lockwasher	1947/—		2
N —3570-B	...Felt (steering shaft)	1945/47		1
BB —3571-A	...Roller (worm thrust bearing) assy.	1945/47		2
N —3575-C	...Sector (steering worm)	1945/47		1
E27N —3575	...Shaft (steering gear rocker)	1947/—		1
BB —3576-A	...Bush (steering worm sector)	1945/47		2
E27N —3576	...Bush (rocker shaft)—outer	1947/—	In trunnion	1
B —3577	...Screw (worm sector thrust)	1945/47		1
351075-S	...Nut	1945/47		1
34830-S	...Lockwasher	1945/47		1
E27N —3577	...Screw (rocker shaft adjuster)	1947/—		1
119560-ES	...Nut (lock)	1947/—		1
BB —3579	...Washer (worm sector thrust)	1945/47		1
E27N —3580	...Plate (steering gear housing side cover)	1947/—		1
20357-S2	...Screw (plate to housing)	1947/—		2
20377-S2	...Screw (plate to housing)	1947/—		2
34826-S2	...Lockwasher	1947/—		4
BB —3581	...Gasket (sector and worm housing)	1945/47		1
E27N —3581	...Gasket (side cover plate)	1947/—		1
N —3582	...Washer (rear steering arm felt)	1945/—		1
N —3583-B	...Cover (sector and worm housing) assy.	1945/47		1
22527-S2	...Screw (cover to housing)	1945/47		3
34708-ES2	...Washer	1945/47		3
N-21323-C	...Screw (cover to main housing)	1945/47		1
34813-S	...Lockwasher	1945/47		1
353031-S7	...Lubricator (sector and worm housing)	1945/47		1
E27N —3583	...Trunnion (steering gear housing) assy.	1947/—	Includes bush	1
20451-S	...Bolt (trunnion to housing)	1947/—		3

Part No.	Name of Part	Year	Remarks	Qty. Req.

STEERING GEAR—continued

20509-S2	...Bolt (trunnion to housing)	1947/—		1
B —3584	...Rivet (sector and worm housing eccentric)	1945/47		1
N —3585	...Stud (sector and worm housing cover adjusting)	1945/47		1
34017-S	...Nut	1945/47		1
34747-ES2	...Washer	1945/47	(Use 2 if required)	1
B —3586	...Sleeve (steering eccentric adjusting)	1945/47		1
B —3587	...Ring (steering eccentric adjusting sleeve)	1945/47		1
BB —3589-A	...Cap (sector and worm housing)	1945/47		1
20046-S	...Screw (cap to housing)	1945/47		4
34846-S	...Lockwasher	1945/47		4
E27N —3590-A	...Arm (steering)—rear	1945/—		1
†E27N —3590-B	...Arm (steering)—rear	1945/—		1
351153-S	...Nut (steering arm to sector)	1945/—		1
34814-S	...Lockwasher	1945/—		1
E27N —3592	...Gasket (lower end plate)	1947/—		1
BB —3593	...Gasket (sector and worm housing cap)	1945/47	Thin	As req.
E27N —3593	...Gasket (upper end cap)	1947/—	Paper	As req.
BB —3594	...Gasket (sector and worm housing cap)	1945/47	Thick	As req.
BBE —3594	...Shim (sector and worm housing cap)	1945/47	Steel	As req.
E27N —3594	...Shim (upper end cap)	1947/—	Steel	As req.
N —3599-B	...Cap (steering gear main housing cover)	1945/—		1
20218-S	...Screw (cover cap to housing)	1945/—		4
34809-S	...Lockwasher	1945/—		4
N —3600-B	...Wheel (steering) assy.	1945/—		1
N-21890	...Nut (wheel to shaft)	1945/—		1
34811-S	...Lockwasher	1945/—		1
E27N —3616-A	...Button (horn push)	1945/—	With electric lighting	1

REAR AXLE AND REAR TRANSMISSION

E27N —4010-A	...Housing (rear axle)	1945/—	Except Ind.	2
E27N —4010-B	...Housing (rear axle)	1947/—	Ind.	2
21026-S	...Screw (housing to trans. housing)	1945/—		14
119750-ES	...Plug (rear axle housing)	1945/47		2
353027-S7	...Lubricator	1945/47		2

† Service E27N-3590-B only on tractors fitted with midship or front toolbars.

Part No.	Name of Part	Year	Remarks	Qty. Req.

REAR AXLE AND REAR TRANSMISSION—continued

353026-ES7/8	...Lubricator	1947/—		4
74217-ES	...Button (pad filler plug)	1945/—		24
§E27N —4014-B	...Cover (rear transmission housing top)	1945/—		1
20450-ES	Screw (cover to housing)	1945/—		3
	Screw (cover and platform to housing)	1945/—		2
	Screw (cover, platform and plate to housing)	1945/—		2
20450-ES	Screw (cover to housing)	1945/—		4
	Screw (cover, platform and plate to housing)	1945/—		2
34808-S	...Lockwasher	1945/—		13
353130-S	...Plug (cover pad filler)	1945/—	Less H.P.L.	6
E27N —4027	...Cover (rear trans. housing lower)	1945/—		1
20170-S	...Screw (cover to transmission housing)	1945/—		9
351428-ES	...Washer	1945/—		9
E27N —4028	...Gasket (rear trans. housing top cover)	1945/—		1
E27N —4029	...Plug (rear transmission filler)	1945/47	2⅛" dia.	1
N-9642-A	...Gasket (filler plug)	1945/47	With E27N-4029	1
E27N-7010-B	...Plug (rear transmission filler)	1947/49	2" dia.	1
E27N-7011-A	...Gasket (filler plug)	1947/49	With E27N-7010-B	1
E27N-7010-C	...Plug (rear transmission filler)	1949/—		1
E27N-7011-B	...Gasket (filler plug)	1949/—	With E27N-7010-C	1
E27N —4032-A	...Housing (rear transmission) assy.	1945/—		1
20517-S	...Bolt (front to rear transmission)	1945/—	6 req. for Ind.	12
20357-S	...Bolt (bracket to trans. housings)	1947/—	Ind.	6
20517-ES	...Bolt (front to rear transmission)	1945/—		2
33802-S	...Nut	1945/—		14
34806-S	...Lockwasher	1945/—		14
7V-3109	...Bush (clutch pedal shaft)	1945/—		2
E27N-7010-A	...Plug (rear transmission drain)	1945/—		1
E27N-7011-A	...Gasket (rear transmission drain plug)	1945/—		1
E27N —4033	...Gasket (rear trans. housing lower cover)	1945/—		1
E27N —4035	...Gasket (rear axle housing)	1945/—		2
E27N —4100	...Tube (brake plate plug to axle housing)	1947/—	Ind.	2
E27N —4101	...Plug (brake plate to tube connector)	1947/—	Ind.	2
33947-S	...Nut (plug to brake plate)	1947/—	Ind.	2
353031-S7	...Lubricator	1947/—	Ind.	2
A-17540	...Connector (tube to axle housing)	1947/—	Ind.	2
B-17542-A	...Nut (tube union)	1947/—	Ind.	4
E27N —4178	...Block (driving gear thrust) and housing assy.	1945/—		1
20130-S	...Screw (housing to trans. housing)	1945/—		3
74120-S	...Plug (expansion)	1945/46	1 3/16" dia.	1
N-6016	...Plug (expansion)	1946/—	1¼" dia.	1

§ Modified design, used with E27N-995203-B from 1949 onward, requires new filler plug and gasket, E27N-7010-C and E27N-7011-B.

REAR AXLE AND REAR TRANSMISSION—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
E27N —4186	...Gasket (driving gear thrust block housing)	1945/—		As req.
BB —4189	...Rivet (driving gear thrust block)	1945/—		1
E27N —4194	...Block (driving gear thrust)	1945/—		1
E27N —4203	...Gear (driving), pinion and differential case	1945/—	Matched	1
E27N —4207	...Gear (driving) and differential case assy.	1945/—		1
79 —4211	...Spider (differential)	1945/—		1
79E —4215	...Pinion (differential)	1945/—		4
BBE —4216-F	...Screw (differential housing)	1945/—		8
N —4220-B	...Bearing (rear axle final reduction gear) assy.	1945/—		2
BB —4221-B	...Cone (differential housing) and roller assy.	1945/—		2
E27N —4221	...Cone (rear axle shaft) and roller assy.	1945/—		2
BB —4222	...Cup (differential housing bearing)	1945/—		2
E27N —4222	...Cup (rear axle shaft bearing)	1945/—		2
79 —4228	...Washer (differential gear thrust)	1945/—		2
79 —4230	...Washer (differential pinion thrust)	1945/—		4
§E27N —4233	...Stud (rear axle shaft)	1945/46		2
72291-S8	...Pin (stud to axle shaft)	1945/46		2
N-4612-A	...Nut (final reduction gear)	1945/46		2
72145-S	...Cotter	1945/—		2
§E27N —4235-B	...Shaft (rear axle)	1945/—	One-piece	2
E27N —4236	...Gear (differential)	1945/—		2
♯E27N —4240-B	...Pinion (final reduction bull)	1945/—		2
E27N —4245	...Seal (rear axle shaft oil)	1945/—		2
♯E27N —4258-B	...Gear (final reduction) assy.	1945/—		2
E27N —4285	...Cover (bull pinion shaft)	1945/—	Less steering brakes	2
22606-S	...Screw (cover to oil seal housing)	1945/—		8
E27N —4286	...Ring (bull pinion bearing locking)	1945/—		2
□ E27N —4292-A	...Nut (gear to rear axle shaft)	1946/49	With E27N-4235-B	2
△ E27N —4292-B	...Nut (gear to rear axle shaft)	1948/—		2
E27N —4303-B	...Shim (bull pinion bearing housing)	1945/—	·005″ thick	As req.
E27N —4303-C	...Shim (bull pinion bearing housing)	1945/—	·003″ thick	As req.
E27N-2768	...Housing (bull pinion oil seal)	1945/—		2
20508-ES	...Screw (housing to trans. housing)	1945/—		12
E27N-2773-A	...Seal (bull pinion oil)	1945/—		2
N-7025-E	...Bearing (bull pinion shaft)	1945/—		2
N-7713	...Baffle (bearing to oil seal)	1945/—		2

§ Shaft and stud assy. fitted in production up to March, 1946. When replacing with E27N-4235-B, order also E27N-4292-A/B.

♯E27N-4240 B and E27N-4258-B used in conjunction, replace E27N-4240-A and E27N-4258-A fitted in production up to October, 1945. One-piece design E27N-4258-B optional with hub and ring gear design 1948/49. Two-piece design discontinued June, 1949.

□ Used with two-piece design final reduction gear. △ Use with one-piece design final reduction gear.

REAR AXLE AND REAR TRANSMISSION—continued

Part No	Name of Part	Year	Remarks	Qty. Req.
E27N —4308-B	...Housing (bull pinion bearing) assy.—R.H.	1945/—		1
E27N —4309-B	...Housing (bull pinion bearing) assy.—L.H.	1945/—		1
E27N —4320	...Deflector (rear trans. housing oil) assy.	1945/—		1
20319-S	...Screw (deflector assy. to housing)	1945/—		2
34806-S2	...Lockwasher	1945/—		2
20319-S	...Screw (pipe support to housing)	1945/—		1
34746-S	...Washer	1945/—		1
34806-S2	...Lockwasher	1945/—		1
E27N —4334-A	...Indicator (rear transmission oil level)	1945/—	Except with pneumatics	1
E27N —4334-B	...Indicator (rear transmission oil level)	1945/—	With pneumatics	1
E27N —4507	...Gasket (front to rear trans. housing)	1945/—		1
E27N —4610	...Pinion (driving)	1945/—		1
N —4612-A	...Nut (final reduction gear)	1945/46	With E27N-4233	2
E27N —4614-A	...Housing (driving pinion) and bearing cup assy.	1945/—		1
21026-S	...Screw (housing to trans. housing)	1945/—		5
20492-S	...Screw (housing to trans. housing)	1945/—		1
34810-S	...Lockwasher	1945/—		5
34809-S	...Lockwasher	1945/—		1
E27N —4616	...Cup (driving pinion bearing)	1945/—		2
E27N —4621	...Cone (driving pinion) and roller assy.	1945/—		2
E27N —4634	...Nut (driving pinion bearing lock)	1945/—		2
E27N —4636	...Washer (driving pinion bearing lock nut)	1945/—		1
E27N —4667	...Washer (driving pinion bearing thrust)	1945/—		1
BB —4686	...Retainer (H.P.L. pump drive shaft oil)	1945/—	With H.P.L.	1

AUTOMATIC COUPLER AND SPRING

(Industrial Tractor only)

N —4720	...Coupler (automatic) assy.	1947/—		1
119178-ES	...Bolt (coupler to spring)	1947/—		3
119179-ES	...Bolt (coupler to spring)	1947/—		1
33847-S	...Nut	1947/—		4
34810-S	...Lockwasher	1947/—		4
N-17278	...Plug (speedometer hole)	1947/—		1
N —4721	...Body (automatic coupler)	1947/—		1
N —4722	...Hook (automatic coupler)	1947/—		1
N —4723	...Latch (automatic coupler hook)	1947/—		1
N-6513	...Spring (latch)	1947/—		1
22391-S	...Bolt (latch)	1947/—		1
22451-S	...Bolt (hook)	1947/—		1
N-21943	...Nut	1947/—		2

Part No.	Name of Part	Year	Remarks	Qty. Req.

AUTOMATIC COUPLER AND SPRING—continued

(Industrial Tractor only)

72053-S	...Cotter	1947/—		2
E27N-4746	...Spring (coupling) assy.	1947/—		1
E27N-4790	...Plate (" U " bolt)	1947/—		2
E27N-4789	...Bolt (coupling spring " U ")	1947/—		2
FN-108-K	...Nut	1947/—		4
34909-S2	...Washer (shake-proof)	1947/—		4
E27N-4748	...Plate (coupling spring back)	1947/—		1

SWINGING DRAWBAR

FIXED LEVEL DRAWBAR (fitted up to February, 1946)

E27N —4724-A	...Drawbar (swinging)	1945/46		1
60652-S	...Rivet (drawbar to platform)	1945/46		1
E27N —4727-A	...Pin (swinging drawbar swivel)	1945/46		1
E27N —4731	...Plate (drawbar anchor)	1945/46		1
21026-S	...Screw (anchor plate to housing)	1945/46		4
34810-S	...Lockwasher	1945/46		4
E27N —4732-A	...Dowel (drawbar anchor plate)	1945/46		1
E27N —4733-A	...Platform (drawbar)	1945/46		1
20432-S	...Screw (platform to trans. housing)	1945/46		4
34809-S	...Lockwasher	1945/46		4

VERTICALLY ADJUSTABLE DRAWBAR

E27N —4711-D	...Installation (drawbar)	1945/—		1
E27N —4724-B	...Drawbar (swinging)	1946/—		1
E27N —4727-B	...Pin (swinging drawbar swivel)	1946/—		1
E27N —4732-B	...Dowel (drawbar anchor plate)	1946/—		1
E27N —4736	...Plate (drawbar anchor) and pad assy.	1946/—		1
21080-S	...Bolt (anchor plate to housing)	1946/—		4
E27N —4737	...Pin (swinging drawbar adjusting)	1946/—		1
E27N —4740-B	...Bracket (drawbar frame guide) assy.	1946/—		1
20472-S	...Screw (bracket to trans. housing)—lower	1946/49		2
20518-S2	...Screw (bracket to trans. housing)—upper	1946/49		2
21010-S	...Screw (bracket to trans. housing)—lower	1949/—		2
21055-S	...Screw (bracket to trans. housing)—upper	1949/—		2
34809-S	...Lockwasher	1946/—		4
E27N —4741	...Frame (drawbar) and bracket assy.	1946/—		1
E27N —4744-B	...Pin (drawbar anchor plate to frame fulcrum)	1946/—		2
E27N-995217	...Linch pin (fulcrum bolt)	1946/—		2

Part No.	Name of Part	Year	Remarks	Qty. Req.

SWINGING DRAWBAR—continued

VERTICALLY ADJUSTABLE DRAWBAR—continued

E27N-995279	...Ring (linch pin)	1946/—		2
E27N —4745-B	...Pin (drawbar guide bracket to frame)	1946/—		2
E27N-995217	...Linch pin (guide bracket bolt)	1946/—		2
E27N-995279	...Ring (linch pin)	1946/—		2
E27N —4746	...Spring (drawbar coupling) assy.	1947/—	Ind.	1
E27N —4748	...Plate (coupling spring back)	1947/—	Ind.	1
E27N —4749	...Rack (swinging drawbar)	1946/—		1
21089-S	...Bolt (rack to frame)	1946/—		4
33847-S	...Nut	1946/—		4
34810-S	...Lockwasher	1946/—		4
E27N —4789	...Bolt (coupling spring " U ")	1947/—	Ind.	2
FN-108-K	...Nut	1947/—	Ind.	4
34909-S	...Washer (shakeproof)	1947/—	Ind.	4
E27N —4790	...Plate (coupling spring " U " bolt)	1947/—	Ind.	2

FRAME

(Industrial Tractor only)

E27N —5011-B	...Member (frame side) assy.—R.H.	1947/—		1
E27N —5012-B	...Member (frame side) assy.—L.H.	1947/—		1
20708-S	...Screw (member to housing)	1947/—		4
34810-S	...Lockwasher	1947/—		4
N-20690-A	...Bolt (member to brace and brackets)	1947/—		16
33847-S	...Nut	1947/—		16
34810-S	...Lockwasher	1947/—		16
E27N-4732-B	...Dowel (frame to trans. housing)	1947/—		1
E27N —5023	...Brace (frame) assy.	1947/—		1
21080-S	...Screw (brace to trans. housing)	1947/—		4
E27N —5038	...Holder (front licence plate)	1945/—	Except Ind	1
YE —5039-C	...Holder (rear licence plate) assy.	1947/—		1
E27N —5039	...Bracket (frame side support)—R.H.	1947/—		1
E27N —5040	...Bracket (frame side support)—L.H.	1947/—		1
20357-S	...Bolt (bracket to trans. housing)	1947/—		6
33802-S	...Nut	1947/—		6
34808-S	...Lockwasher	1947/—		6
E27N —5041	...Round Stay (frame cross)	1947/—		2
33842-S	...Nut (stay to frame)	1947/—		4
34815-S	...Lockwasher	1947/—		4
E27N —5057	...Bracket (frame side front support)—L.H.	1947/—		1
E27N —5058	...Bracket (frame side front support)—R.H.	1947/—		1

Part No.	Name of Part	Year	Remarks	Qty. Req.
	FRAME—continued			
	(Industrial Tractor only)			
21008-S	...Screw (bracket to trans. housing)	1947/—		8
E27N —5072	...Shim (frame brace to side member)	1947/—		As req.
	△○□ BATTERY SUPPORT			
E27N —5151	...Platform (battery) and pad assy.	1945/—		1
E27N-10730-B	...Pad (platform)	1947/—		1
21062-S	...Bolt (platform to dash)	1945/—		2
E27N —5155-B	...Rod (battery clamping)	1945/—		2
33782-S2	...Nut	1945/—		2
34918-S	...Washer (shakeproof)	1945/—		2
E27N —5165-B	...Clamp (battery) assy.	1945/—		1
	△ SILENCER			
E27N —5230-A	...Silencer assy.	1945/—	One-piece vertical	1
E27N —5230-B	...Silencer assy.	1945/—	Horizontal	1
E27N —5256-A	...Bracket (silencer outlet pipe)	1947/—	Ind	1
E27N —5256-D	...Bracket (silencer outlet pipe)	1945/—	Horizontal silencer Except Ind.	1
20085-S	...Bolt (bracket fixing)	1945/—		1
33782-S	...Nut	1945/—		1
N —5261-B	...Body (silencer)	1945	With N-5263	1
N-24032-B	...Stud (manifold to silencer)	1945/—		2
33832-S	...Nut	1945/—		2
N —5263	...Tube (silencer exhaust) assy.	1945	Vertical	1
20085-S	...Bolt (exhaust tube bracket)	1945/—		1
33782-S	...Nut	1945/—		1

○ With electric lighting, with or without starter motor.
□ With starter motor, with or without electric lighting.
△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.
	△ ENGINE			
	†ENGINE ASSY. AND CYLINDER			
E27N —6005-AS	...Engine assy. (less fan and magneto)	1945/46	T.V.O.	1
E27N —6005-BS	...Engine assy. (less fan and magneto)	1945/46	Petrol	1
E27N —6005-CS	...Engine assy. (less fan and magneto)	1945/46	Gas oil	1
E27N —6005-PS	...Engine assy. (less fan and magneto)	1946/—	T.V.O.	1
E27N —6005-QS	...Engine assy. (less fan and magneto)	1946/—	Petrol	1
E27N —6005-TS	...Engine assy. (less fan and magneto)	1946/—	Gas oil	1
E27N —6010-A	...Block (cylinder) and caps assy.	1945/—		1
E27N —6011-A	...Cylinder assy.—with pistons	1945/46	Except gas oil	1
E27N —6011-B	...Cylinder assy.—with pistons	1945/46	Gas oil	1
E27N —6011-E	...Cylinder assy.—with pistons	1946/—	Except gas oil	1
E27N —6011-F	...Cylinder assy.—with pistons	1946/—	Gas oil	1
N —6016	Plug (cylinder block)	1945/—		6
	Plug (steering gear housing)	1945/46		1
	Plug (P.T.O. shifter shaft)	1945/—	With P.T.O.	1
	Plug (H.P.L. pump drive housing)	1945/—	With H.P.L.	2
N —6018	...Gasket (governor to cyl. front cover)	1945/—		1
E27N —6019	...Cover (cylinder front)	1945/—		1
20432-S	...Screw (cover to block)	1945/—		5
20472-S	...Screw (cover to radiator bottom tank)	1945/—		2
N-21262-A	...Screw (cover to radiator bottom tank)	1945/—		1
34809-S	...Lockwasher	1945/—		3
N-6700	...Packing (cylinder front cover)	1945/—		1
N —6020	...Gasket (cylinder front cover)	1945/—		1
E27N —6021	...Pipe (cylinder oil) assy.	1946/—		1
20360-S	...Screw (pipe bracket to block)	1946/—		2
34808-S	...Lockwasher	1946/—		2
N —6022-D	...Pipe (cylinder oil)	1945/46		1
N —6024-B	...Bracket (cylinder oil pipe)	1945/46		1
20362-S	...Screw (cylinder oil pipe bracket)	1945/46		1
34809-S	...Lockwasher	1945/46		1
N —6050-B	...Head (cylinder)	1945/—	Gas oil	1
N —6050-C	...Head (cylinder)	1945/—	Petrol	1
N —6050-E	...Head (cylinder)	1945/—	T.V.O.	1
N-21262-A	...Screw (cylinder head)	1945/—		20/22
N-21264-A	...Screw (battery support and cyl. head)	1945/—		2
N —6051-A	...Gasket (cylinder head)	1945/—	Gas oil	1
N —6051-C	...Gasket (cylinder head)	1945/—	Except gas oil	1
N —6055-A	...Liner (cylinder)—standard	1945/—		4
N —6055-B	...Liner (cylinder)—O.D. ·020″ o/s	1945/—		4
N —6057-A	...Insert (valve seat)—·020″ o/s dia.	1945/—		4
N —6057-B	...Insert (valve seat)—standard	1945/—		4
N —6057-C	...Insert (valve seat)—·020″ o/s depth	1945/—		4

△ Except Diesel.
† Engine assy. includes cylinder assy., sump, cylinder front cover, flywheel, cylinder head, manifold and carburettor or vaporiser.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△ ENGINE—continued

†ENGINE ASSY. AND CYLINDER—continued

N	—6057-D	...Insert (valve seat)—·020″ dia. and depth	1945/—	4

PISTON AND CONNECTING ROD

N	—6102-A	...Piston assy.—standard	1945/—	Dome top.	With gas oil	4
N	—6102-B	...Piston assy.—·005″ o/s	1945/—	Dome top.	With gas oil	4
N	—6102-C	...Piston assy.—·010″ o/s	1945/—	Dome top.	With gas oil	4
N	—6102-D	...Piston assy.—·020″ o/s	1945/—	Dome top.	With gas oil	4
N	—6102-G	...Piston assy.—·032″ o/s	1945/—	Dome top.	With gas oil	4
N	—6102-E	...Piston assy.—·037″ o/s	1945/—	Dome top.	With gas oil	4
N	—6102-H	...Piston assy.—·050″ o/s	1945/—	Dome top.	With gas oil	4
N	—6102-J	...Piston assy.—standard	1945/—	Flat top.	Except gas oil	4
N	—6102-K	...Piston assy.—·005″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6102-L	...Piston assy.—·010″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6102-Q	...Piston assy.—·020″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6102-M	...Piston assy.—·032″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6102-N	...Piston assy.—·037″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6102-P	...Piston assy.—·050″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6110-A	...Piston—standard	1945/—	Dome top.	With gas oil	4
N	—6110-B	...Piston—·005″ o/s	1945/—	Dome top.	With gas oil	4
N	—6110-C	...Piston—·010″ o/s	1945/—	Dome top.	With gas oil	4
N	—6110-D	...Piston—·020″ o/s	1945/—	Dome top.	With gas oil	4
N	—6110-G	...Piston—·032″ o/s	1945/—	Dome top.	With gas oil	4
N	—6110-E	...Piston—·037″ o/s	1945/—	Dome top.	With gas oil	4
N	—6110-H	...Piston—·050″ o/s	1945/—	Dome top.	With gas oil	4
N	—6110-J	...Piston—standard	1945/—	Flat top.	Except gas oil	4
N	—6110-K	...Piston—·005″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6110-L	...Piston—·010″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6110-Q	...Piston—·020″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6110-M	...Piston—·032″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6110-N	...Piston—·037″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6110-P	...Piston—·050″ o/s	1945/—	Flat top.	Except gas oil	4
N	—6135-D	...Pin (piston)—standard	1945/—			4
N	—6135-E	...Pin (piston)—·002″ o/s	1945/—			4
N	—6135-F	...Pin (piston)—·010″ o/s	1945/—			4
N	—6140-C	...Retainer (piston pin)	1945/—			8
N	—6150-A	...Ring (piston)—standard	1945/—			12
N	—6150-B	...Ring (piston)—·005″ o/s	1945/—			12
N	—6150-C	...Ring (piston)—·010″ o/s	1945/—			12
N	—6150-J	...Ring (piston)—·020″ o/s	1945/—			12
N	—6150-G	...Ring (piston)—·032″ o/s	1945/—			12
N	—6150-E	...Ring (piston)—·037″ o/s	1945/—			12

△ Except Diesel.

† Engine assy. includes cylinder assy., sump, cylinder front cover, flywheel, cylinder head, manifold and carburettor or vaporiser.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△ENGINE—continued

PISTON AND CONNECTING ROD—continued

N	—6150-H	...Ring (piston)—·050″ o/s	1945/—		12
N	—6153-A	...Ring (oil control)—standard	1945/—		4
N	—6153-B	...Ring (oil control)—·005″ o/s	1945/—		4
N	—6153-C	...Ring (oil control)—·010″ o/s	1945/—		4
N	—6153-J	...Ring (oil control)—·020″ o/s	1945/—		4
N	—6153-G	...Ring (oil control)—·032″ o/s	1945/—		4
N	—6153-E	...Ring (oil control)—·037″ o/s	1945/—		4
N	—6153-H	...Ring (oil control)—·050″ o/s	1945/—		4
N	—6200-F	...Rod (connecting) assy.—standard	1945/—		4
N	—6200-G	...Rod (connecting) assy.—$\frac{1}{32}$″ u/s	1945/—		4
N	—6200-J	...Rod (connecting) assy.—$\frac{1}{64}$″ u/s	1945/—		4
	N-21841	...Nut (connecting rod)	1945/—		8
	72035-S	...Cotter	1945/—		8
N	—6220-A	...Shim (connecting rod)—·002″	1945/—		As req.
N	—6220-B	...Shim (connecting rod)—·0015″	1945/—		As req.

CAMSHAFT, CRANKSHAFT AND MAIN BEARING CAPS

N	—6250-B	...Camshaft	1945/—		1
	N-21949	...Nut (gear to camshaft)	1945/—		1
	72089-S	...Cotter	1945/—		1
N	—6256	...Gear (camshaft)	1945/—		1
	74151-S	...Key (camshaft gear)	1945/—		1
N	—6303-E	...Crankshaft	1945/—		1
N	—6306	...Gear (crankshaft)	1945/—		1
	74151-S	...Key (crankshaft)	1945/—		1
N	—6310	...Slinger (crankcase oil)	1945/—		1
N	—6312-B	...Pulley (crankshaft)	1945/—		1
	74151-S	...Key (pulley)	1945/—		1
N	—6320	...Pin (crankshaft pulley)	1945/—		1
	72016-S	...Cotter	1945/—		1
N	—6325-A	...Cap (rear main bearing)	1945/—	$\frac{1}{32}$″ u/s	1
N	—6325-B	...Cap (rear main bearing)	1945/—	Standard	1
N	—6325-C	...Cap (rear main bearing)	1945/—	·010″ u/s	1
N	—6325-E	...Cap (rear main bearing)	1945/—	Rough babbitt	1
N	—6330-A	...Cap (front and centre main bearing)	1945/—	·010″ u/s	2
N	—6330-B	...Cap (front and centre main bearing)	1945/—	Standard	2
N	—6330-C	...Cap (front and centre main bearing)	1945/—	$\frac{1}{32}$″ u/s	2
N	—6330-E	...Cap (front and centre main bearing)	1945/—	Rough babbitt	2
	N-22617	...Screw (main bearing cap)	1945/—		12
N	—6340-A	...Shim (main bearing cap)	1945/—		As req.
N	—6340-B	...Shim (main bearing cap)—·002″	1945/—		As req.
N	—6340-C	...Shim (main bearing cap)—·0015″	1945/—		As req.

△Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△ ENGINE—continued

FLYWHEEL AND VALVES

†E27N	—6375	...Flywheel assy.	1945/—	Includes ring gear	1
†E27N	—6384	...Gear (flywheel starting ring)	1945/—		1
E27N	—6387	...Stud (flywheel)	1945/—		6
	N-21844-A	...Nut (flywheel stud)	1945/—		6
N	—6500-A	...Rod (valve push)	1945/—		8
N	—6505-A	...Valve (intake and exhaust)	1945/—	Standard	8
N	—6505-D	...Valve (intake and exhaust)	1945/—	$\frac{1}{16}$" o/s head	8
N	—6505-E	...Valve (intake and exhaust)	1945/—	$\frac{1}{8}$" o/s head	8
N	—6510-C	...Bushing (valve guide)	1945/—		8
N	—6512-B	...Seat (valve spring)	1945/—		8
N	—6513	Spring (valve)	1945/—		8
		Spring (automatic coupler)	1947/—	Ind.	1
¶N	—6514	...Retainer (valve spring seat)	1945/—		8 prs.
N	—6516	...Cover (valve chamber)	1945/—		1
	20362-S	...Screw (valve chamber cover)	1945/—		2
N	—6517	...Gasket (valve chamber cover)	1945/—		1

CRANKCASE

N	—6623	...Screen (crankcase oil)	1945/—		1
E27N	—6676	...Crankcase	1945/—		1
	20130-S	...Screw (crankcase to cylinder block)	1945/—		18
	20470-S	...Screw (crankcase to trans. housing)	1945/—		6
	20517-S	...Bolt (crankcase to trans. housing)	1945/—		2
	33802-S	...Nut	1945/—		2
	34808-S	.. Lockwasher	1945/—		26
	20432-S	.. Screw (crankcase to cyl. front cover)	1945/—		4
	34809-S	...Lockwasher	1945/—		4
N	—6700	...Packing (crankcase and cyl. front cover)	1945/—		2
¶N	—6710-B	...Gasket (crankcase)	1945/—		1 pr.
N	—6726	...Cover (crankcase)	1945/—		1
	22732-S2	...Bolt (cover to crankcase)	1945/—		8
	34807-S	.. Lockwasher	1945/—		8
	Y-24452	...Plug (oil drain)	1945/—		1
N	—6727	...Gasket (crankcase cover)	1945/—		1
E27N	—6750	...Indicator (engine oil level)	1945/—		1
N	—6763	...Filler (oil) and breather pipe assy.	1945/—		1
	N-21213	...Screw (oil filler to cylinder block)	1945/—		1
N	—6769	...Gauze (oil filler) assy.	1945/—		1

†Fitted on all tractors from 1st March, 1946, onwards.
¶ Supplied in pairs only.
△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

FRONT TRANSMISSION

GEARBOX

E27N	—7004-B	...Housing (transmission) assy.—front	1945/—	Less speedometer	1
E27N	—7004-C	...Housing (transmission) assy.—front	1945/—	With speedometer	1
	20517-ES	...Bolt (housing to engine flange)	1945/—		2
	20517-S	...Bolt (housing to engine flange)	1945/—		3
	33802-S4	...Nut	1945/—		5
	34808-S2	...Lockwasher	1945/—		5
	20430-S	...Screw (housing to cylinder block)	1945/—		2
	34808-S	...Lockwasher	1945/—		2
	74217-ES	...Button (pad filler plug)	1945/—	R.C.	8
	119781-ES	...Plug (expansion)	1949/—	$3\frac{7}{32}$" dia.	1
	7V-3109	Bush (clutch release shaft)	1945/—		3
		Bush (hand brake cam)	1945/—		2
N	—7005-C	...Seal (transmission plate oil)	1945/—		1
E27N	—7008	...Gasket (front transmission housing)	1945/—		1
E27N	—7009	...Bearing (transmission large gear) assy.	1945/—		1
E27N	—7010-A	...Plug (front and rear transmission drain)	1945/—	3 req. with P.T.O.	2
E27N	—7010-B	...Plug (rear transmission filler)	1947/49		1
E27N	—7010-C	...Plug (rear transmission filler)	1949/—		1
E27N	—7011-A	Gasket (transmission drain plug)	1945/—	3 req. with P.T.O.	2
		Gasket (rear transmission filler plug)	1947/49		1
E27N	—7011-B	...Gasket (rear transmission filler plug)	1949/—		1
N	—7012	...Washer (trans. large gear bearing)	1945/—		1
N	—7013	...Nut (trans. large gear bearing lock)	1945/—		1
	N-21200	...Screw (lock nut)	1945/—		1
	72016-S	...Cotter	1945/—		1
N	—7014	...Washer (trans. large gear bearing lock nut)	1945/—		1
●E27N	—7017-A	...Shaft (transmission drive)	1945/—	23/17 teeth	1
♯E27N	—7017-B	...Shaft (transmission drive)	1945/—	16/8 teeth	1
N	—7018-B	...Gear (transmission drive shaft bevel)	1945/—		1
●N	—7019-B	...Plate (transmission)	1945/—		1
♯N	—7019-C	...Plate (transmission)	1945/—		1
	22536-S	...Bolt (plate to transmission housing)	1945/—		7
N	—7020-B	...Gasket (transmission plate)	1945/—		1
N	—7021	Dowel (transmission plate)	1945/—		1
		Dowel (rear transmission housing top cover)	1945/—		2
B	—7025-A	Bearing (P.T.O. shaft) assy.—large	1945/—	With P.T.O.	1
		Bearing (P.T.O. extension shaft)	1945/—	With P.T.O.	1
●N	—7025-A	...Bearing (transmission drive shaft) assy.	1945/—		1
N	—7025-E	♯ Bearing (transmission drive shaft)	1945/—		1
		Bearing (bull pinion shaft)	1945/—		2
♯	N-7711	...Washer (drive shaft bearing retainer)	1945/—		4

● Type 7·7 transmission (high speed top gear).
♯ Type 4·3 transmission (low speed top gear).

TRANSMISSION CHART

for

Fordson Major

List of Parts which vary according to Type of Transmission fitted

Description of Part	TYPE 4·3 (Low Speed Top Gear)		TYPE 7·7 (High Speed Top Gear)	
	Intermediate Gears		*Intermediate Gears*	
	Standard Ratio GREEN SPOT	Special Ratio RED SPOT	Standard Ratio GREEN SPOT	Special Ratio RED SPOT
Shaft (transmission drive)	E27N-7017-B	E27N-7017-B	E27N-7017-A	E27N-7017-A
Shaft (transmission)—upper	N-7059-B	N-7061	N-7059-B	N-7061
Shaft (transmission)—lower	N-7111-B	N-7111-B	N-7111-A	N-7111-A
Gear (transmission)—large	E27N-7150-B	E27N-7150-A	E27N-7150-B	E27N-7150-A
Gear (transmission)—low	N-7114-C	N-7112-B	N-7114-B	N-7112-A
Pinion (transmission)	N-7103-B	N-7103-B	N-7103-A	N-7103-A
Pinion (transmission)—low	N-7113-B	N-7113-B	N-7113-A	N-7113-A
Plate (transmission)	N-7019-C	N-7019-C	N-7019-B	N-7019-B
Plug (transmission plate)	———	———	N-7039	N-7039
Bearing (transmission drive shaft)	N-7025-E	N-7025-E	N-7025-A	N-7025-A
Washer (bearing retainer)	N-7711 (4)	N-7711 (4)	———	———
Screw (bearing retainer washer)	22513-S (4)	22513-S (4)	———	———
Baffle (bearing to transmission plate)	N-7713	N-7713	———	———
Shim (bearing to transmission plate)	———	———	N-7040-B	N-7040-B
Bearing (transmission upper shaft)—small	N-7118-D	N-7118-D	N-7118-A	N-7118-A
Washer (bearing spacer)	N-7712	N-7712	———	———
Pin (transmission brake plate)	N-7706-D, N-7706-E	N-7706-D, N-7706-E	N-7706-C (2)	N-7706-C (2)
Plate (brake plate pin support)	N-7710	N-7710	———	———
Nut (brake plate pin)	33968-S (2)	33968-S (2)	———	———
Nut (transmission brake spring retainer)	E27N-7708-A	E27N-7708-A	E27N-7708-B	E27N-7708-B

Power Take-off (when fitted)

Description of Part	TYPE 4·3 (Low Speed Top)	TYPE 7·7 (High Speed Top)
Shaft (P.T.O. shifter)	E27N-7266-A	E27N-7266-B
Gear (P.T.O. idler) assy.	N-7280	E27N-7280
Spacer (P.T.O. idler gear)	E27N-7275	———

Part No.	Name of Part	Year	Remarks	Qty. Req.

FRONT TRANSMISSION—continued

GEARBOX—continued

♯	22513-S	...Screw (retainer washer)	1945/—		4
♯	N-7713	...Baffle (transmission plate to bearing)	1945/—		1
E27N	—7028	...Sleeve (transmission large bearing spacer)	1945/—		1
E27N	—7034	...Bolt (front transmission housing breather) assy.	1945/—		1
●N	—7039	...Plug (transmission plate)	1945/—		2
●N	—7040-B	...Shim (transmission plate to bearing)	1945/—		As req.
N	—7041	...Sleeve (transmission drive shaft)	1945/—		1
N	—7059-B	...Shaft (transmission)—upper	1945/—	13 teeth. Standard ratio	1
N	—7061	...Shaft (transmission)—upper	1945/—	10 teeth. Special ratio	1
N	—7064	...Ring (drive shaft bevel gear lock)	1945/—		1
E71A	—7064	...Ring (P.T.O. shaft large bearing snap)	1945/—	With P.T.O.	1
B	—7065	...Bearing (clutch pilot)	1945/—	In flywheel	1
N	—7065-B	Bearing (lower transmission shaft) assy. —large	1945/—		1
		Bearing (upper transmission shaft) assy. —large	1945/—		1
		Bearing (pulley drive gear) assy.	1945/—	With pulley	1
B	—7071	...Washer (H.P.L. drive shaft rear thrust)	1945/—	With H.P.L.	1
E27N	—7080	..Baffle (transmission large gear bearing oil)	1945/—		1
E27N	—7082	..Seal (transmission large gear bearing oil) assy.	1945/—		1
E27N	—7085-A	...Retainer (trans. large gear bearing)	1945/—	Less speedometer	1
E27N	—7085-B	...Retainer (trans. large gear bearing)	1945/—	With speedometer	1
	20348-S	...Screw (retainer to housing)	1945/—		4
	34807-S	...Lockwasher	1945/—		4
E27N	—7086	...Gasket (transmission large gear bearing retainer)	1945/—		1
E27N	—7102-A	...Gear (transmission large)	1945/—	Order E27N-7150-A	1
E27N	—7102-B	...Gear (transmission large)	1945/—	Order E27N-7150-B	1
●N	—7103-A	.. Pinion (transmission)—splined	1945/—	17 teeth	Intermediate sliding gear 1
♯N	—7103-B	...Pinion (transmission)—splined	1945/—	16/8 teeth	Intermediate sliding gear 1
●N	—7111-A	...Shaft (transmission)—lower	1945/—	24/17 teeth	1
♯N	—7111-B	...Shaft (transmission)—lower	1945/—	30/17 teeth	1
●N	—7112-A	...Gear (transmission) and bush assy.—low	1945/—	27/10 teeth	Special ratio. Low sliding gear 1
♯N	—7112-B	...Gear (transmission) and bush assy.—low	1945/—	21/10 teeth	Special ratio. Low sliding gear 1
●N	—7113-A	...Pinion (transmission)—low—splined	1945/—	20 teeth	High sliding gear 1
♯N	—7113-B	...Pinion (transmission)—low—splined	1945/—	26/20 teeth	High sliding gear 1

● Type 7·7 transmission (high speed top gear).
♯ Type 4·3 transmission (low speed top gear).

FRONT TRANSMISSION—continued

GEARBOX—continued

Part No.		Name of Part	Year	Remarks	Qty. Req.
●N	—7114-B	...Gear (transmission) and bush assy.—low	1945/—	27/13 teeth Standard ratio. Low sliding gear	1
#N	—7114-C	...Gear (transmission) and bush assy.—low	1945/—	21/13 teeth Standard ratio. Low sliding gear	1
● N	—7118-A	Bearing (transmission upper shaft) assy. —small	1945/—		1
		Bearing (transmission lower shaft) assy. —small	1945/—		1
#N	—7118-D	Bearing (transmission upper shaft) assy. —small	1945/—		1
N	—7118-F	Bearing (P.T.O. shaft)—small	1945/—		1
N	—7124	...Pinion (transmission) and bush assy.— reverse	1945/—	17 teeth. Reverse sliding gear	1
E27N	—7140	...Shaft (transmission reverse idler)	1945/—		1
N	—7141-E	...Gear (transmission reverse idler) and bush assy.	1945/—	20 teeth	1
N	—7143-C	...Bush (transmission reverse idler gear)	1945/—		1
E27N	—7150-A	...Gear (transmission large) and plug assy.	1945/—	33/20 teeth. Special ratio	1
E27N	—7150-B	...Gear (transmission large) and plug assy.	1945/—	34/20 teeth. Standard ratio	1
74131-ES		...Plug (expansion)	1945/—		1
E27N	—7165	...Cover (P.T.O. extension shaft opening)	1945/—		1
N	—7165-B	...Cover (pulley opening)	1945/—		1
20432-S		...Screw (cover to housing)	1945/—		5
20518-S2		...Screw (cover and spring plate to housing)	1945/—		1
N	—7166-A	...Gasket (pulley opening cover)	1945/—		As req.

GEAR CHANGE

Part No.		Name of Part	Year	Remarks	Qty. Req.
△ E27N	—7200-A	...Gear change assy.	1945/—		1
△ E27N	—7210-A	...Lever (gear shifter)	1945/—		1
E27N	—810389	Gaiter (gear shaft lever)	1947/—	Ind.	1
BB	—7213	Ball (gear shift lever handle)	1945/—		1
		Ball (H.P.L. control lever)	1945/—	With H.P.L.	2
N	—7220-B	...Retainer (gear shifter lever ball)	1945/—		1
N	—7221	...Pin (gear shifter lever locating)	1945/—		1
E27N	—7222	...Plate (gear shifter)	1945/—		1
20432-S		...Screw (plate to housing)	1945/—		4
N-9641-A		...Plug (gear shifter plate)	1945/—		1
N	—7223	...Gasket (gear shifter plate)	1945/—		1

● Type 7·7 transmission (high speed top gear).
Type 4·3 transmission (low speed top gear).
△ Except Diesel.

FRONT TRANSMISSION—continued

GEAR CHANGE—continued

Part No.		Name of Part	Year	Remarks	Qty. Req.
N	—7227	...Spring (gear shifter lever)	1945/—		1
N	—7228	...Ring (gear shifter lever snap)	1945/—		1
N	—7230	...Shifter (gear)—upper	1945/—		1
N	—7231	...Shifter (gear)—lower	1945/—		1
N	—7233	...Plunger (gear shifter)	1945/—		2
N	—7234	...Spring (gear shifter)	1945/—		1
N	—7235	...Interlock (gear shifter)	1945/—		1
N	—7240	...Shaft (gear shifter)	1945/—		2
61579-S		...Pin (gear shifter shaft)	1945/—		2

POWER TAKE-OFF

(Items listed in this Section apply only when Power Take-off is fitted, unless otherwise stated)

Part No.		Name of Part	Year	Remarks	Qty. Req.
#E27N	—7250-A	...Power take-off installation	1945/46	With fixed level drawbar	1
●E27N	—7250-B	...Power take-off installation	1945/46	With fixed level drawbar	1
#E27N	—7250-C	...Power take-off installation	1946/48	Less H.P.L.	1
●E27N	—7250-D	...Power take-off installation	1946/48	Less H.P.L.	1
#E27N	—7250-E	Power take-off installation	1946/48	With H.P.L.	1
		Power take-off installation	1948/—	With and less H.P.L.	1
●E27N	—7250-F	Power take-off installation	1946/48	With H.P.L.	1
		Power take-off installation	1948/—	With and less H.P.L.	1
E27N	—7252	...Housing (power take-off)	1945/—		1
N	—7254	Gear (power take-off)	1945/—		1
		Gear (H.P.L. pump drive)	1945/—	With H.P.L.	1
E27N	—7255	...Shaft (power take-off)	1945/—		1
N-7118-F		...Bearing (P.T.O. shaft)—small	1945/—		1
B-7025-A		...Bearing (P.T.O. shaft)—large	1945/—		1
E71A-706A		...Ring (large bearing snap)	1945/—		1
N	—7257	...Washer (H.P.L. pump drive shaft)— front	1945/—	With H.P.L.	1
N	—7259-A	...Bush (H.P.L. pump drive housing)—rear	1945/—	With H.P.L.	1
BB	—7259	Bush (P.T.O. idler gear)	1945/—		2
		Bush (H.P.L. idler gear)	1945/—	With H.P.L.	2
E27N	—7260	...Shaft (P.T.O. extension) assy.	1945/—		1
B-7025-A		...Bearing (P.T.O. extension shaft)	1945/—		1
N	—7261	...Ring (H.P.L. pump drive shaft lock)	1945/—	With H.P.L.	1
N	—7262	...Retainer (H.P.L. shifter shaft oil)	1945/—	With H.P.L.	1
E27N	—7262-A	...Seal (P.T.O. shifter shaft oil)	1945/—		1
E27N	—7263	...Retainer (P.T.O. extension shaft bearing)	1945/—		1
E27N	—7264	...Gasket (P.T.O. extension shaft bearing retainer)	1945/—	With and less P.T.O.	1
N	—7266	...Shaft (H.P.L. pump drive shifter)	1945/—	With H.P.L.	1

● Type 7·7 transmission (high speed top gear).
Type 4·3 transmission (low speed top gear).

FRONT TRANSMISSION—continued

POWER TAKE-OFF—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
♯E27N —7266-A	...Shaft (P.T.O. shifter)	1945/—		1
●E27N —7266-B	...Shaft (P.T.O. shifter)	1945/—		1
119810-ES	...Ball (P.T.O. shifter shaft)	1945/—		1
BB-7272	...Spring (shifter shaft ball)	1945/—		1
353055-S5	...Plug (shifter shaft ball)	1945/—		1
73931-S7	...Pin (throw out lever to shaft)	1945/—		1
72009-S	...Cotter	1945/—		1
E27N —7267	...Lever (P.T.O. throw out) assy.	1945/—		1
20388-S	...Screw (lever to transmission housing)	1945/—		1
34707-S	...Washer	1945/—		1
34807-S	...Lockwasher	1945/—		1
E27N —7269-A	...Rod (P.T.O. operating) assy.	1945/48	Less H.P.L.	1
E27N —7269-B	...Rod (P.T.O. operating) assy.	1945/48	With H.P.L.	1
	...Rod (P.T.O. operating) assy.	1948/—	With and less H.P.L.	1
73935-S8	...Pin (clevis)	1945/—		2
72026-S	...Cotter	1945/—		2
N —7271	...Bush (P.T.O. op. and throw-out lever)	1945/—		2
	...Bush (H.P.L. throw-out lever)	1945/—		1
BB —7272	...Spring (P.T.O. shifter shaft ball)	1945/—		1
	...Spring (H.P.L. shifter shaft ball)	1945/—	With H.P.L.	1
♯E27N —7275	...Spacer (P.T.O. idler gear)	1945/—		1
E27N —7278	...Sleeve (P.T.O. extension shaft bearing retainer)	1945/—		1
E27N —7279	...Ring (P.T.O. shaft large bearing retainer)	1945/—		1
●E27N —7280-A	...Gear (P.T.O. idler) and bush assy.	1945/—	24 teeth	1
♯E27N —7280-B	...Gear (P.T.O. idler) and bush assy.	1945/—	18 teeth	1
N —7281	...Shaft (H.P.L. pump drive idler)	1945/—	With H.P.L.	1
E27N —7281	...Shaft (P.T.O. idler)	1945/—		1
E27N —7282	...Support (P.T.O. idler shaft)—front	1945/—		1
E27N —7283	...Support (P.T.O. idler shaft)—rear	1945/—		1
33973-S	...Nut	1945/—		2
351519-ES	..Washer	1945/—		2
72053-S	...Cotter	1945/—		2
72291-S8	...Pin (rear support to shaft)	1945/—		1
E27N —7291	...Cover (P.T.O. extension shaft) assy.	1945/—		1
20420-S	...Screw (cover to housing)	1945/—		2
20508-ES	...Screw (cover to housing)	1945/—		2
E27N-7165	...Cover (P.T.O. extension shaft opening)	1945/—	Less P.T.O.	1
20420-S	...Screw (cover to housing)	1945/—	Less P.T.O.	4
E27N-7264	...Gasket (extension shaft opening cover)	1945/—	Less P.T.O.	1
E27N —7295	...Cover (P.T.O. opening)	1945/—	Less P.T.O.	1
20410-S	...Screw (P.T.O. or cover to housing)	1945/—		1

● Type 7·7 transmission (high speed top gear).
♯ Type 4·3 transmission (low speed top gear).

FRONT TRANSMISSION—continued

POWER TAKE-OFF—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
20432-S	...Screw (P.T.O. or cover to housing)	1945/—		7
E27N —7297	...Seal (P.T.O. shaft oil) assy.	1945/—		2
E27N —7300	...Baffle (P.T.O. oil)	1945/—		1
E27N —7302	...Gasket (P.T.O. housing side)	1945/—	With and less P.T.O.	1
E27N —7303	...Gasket (P.T.O. housing upper)	1945/—	With and less P.T.O.	1
E27N —7305-A	...Seal (P.T.O. extension shaft oil) assy.	1945/—		1
E27N —7310-A	...Lever (P.T.O. operating) assy.	1945/48	Less H.P.L.	1
E27N —7310-B	...Lever (P.T.O. operating) assy.	1945/48	With H.P.L.	1
	...Lever (P.T.O. operating) assy.	1948/—	With and less H.P.L.	1
20388-S	...Screw (lever to transmission housing)	1945/—		1
34707-S	...Washer	1945/—		1
34807-S	...Lockwasher	1945/—		1
E27N —7470-A	...Guard (P.T.O. universal coupling)	1945/46	With E27N-7250-A/B	1
E27N —7470-B	...Guard (P.T.O. universal coupling)	1946/—		1
E27N —7484	...Cover (power lift drive opening)	1945/—	With and less P.T.O.	1
20362-S	...Screw (cover to transmission housing)	1945/—		6
20360-S	...Screw (cover to transmission housing)	1945/—		1
E27N —7485	...Gasket (power lift drive opening cover)	1945/—	With and less P.T.O.	1

CLUTCH

E27N —7506-A	...Shaft (clutch and brake pedal cross)	1945/—	With steering brakes	1
E27N —7506-B	...Shaft (clutch pedal cross)	1945/—	Less brakes	1
E27N —7506-C	...Shaft (clutch and brake pedal cross)	1947/—	Ind.	1
E27N —7507	...Collar (clutch cross shaft retaining)	1945/—		1
74006-S7	...Pin (collar to shaft)	1945/—		1
72005-S	...Cotter	1945/—		1
E27N —7508	...Washer (clutch cross shaft thrust)	1945/—		2
E27N —7510	...Shaft (clutch release)	1945/—		1
E27N-2867	...Seal (clutch release shaft oil)	1945/—		1
74127-S	...Plug (expansion)	1945/—		1
E27N —7511	...Arm (clutch release shaft)	1945/—		1
20471-S	...Bolt (clamping)	1945/—		1
E27N —7515	...Fork (clutch operating)	1945/—		1
74042-S	...Pin (fork to shaft)	1945/—		2
72010-S	...Cotter	1945/—		2
E27N —7519	...Pedal (clutch) and bush assy.	1945/—	With steering brakes	1
7V-3109	...Bush (clutch pedal)	1945/—	With brakes	1
353026-S7	...Lubricator (clutch pedal)	1945/—	With brakes	1
E27N —7520-B	...Pedal (clutch)	1945/—	Less brakes	1
60628-S	...Rivet (pedal to shaft)	1945/—	Less brakes	1
E27N —7520-C	...Pedal (clutch) and bush assy.	1947/—	Ind.	1
Y —7523	...Spring (clutch retracting)	1945/—		1
E27N —7531	...Rod (clutch release lever to balance lever)	1945/—		1
97015-S	...Clevis (adjustable)	1945/—		1

Part No.	Name of Part	Year	Remarks	Qty. Req.

FRONT TRANSMISSION—continued

CLUTCH—continued

33943-ES7	...Nut	1945/—		1
73951-S7	...Pin (clevis)	1945/—		2
72017-S	...Cotter	1945/—		2
E27N —7537-A	...Rod (clutch pedal to balance lever) assy.	1945/—		1
73934-S7	...Pin (clevis)—rear	1945/—		1
E27N-7613	...Pin (clevis)—front	1945/—		1
72017-S	...Cotter	1945/—		2
E27N —7537-B	...Rod (fulcrum link to balance lever)	1945/—	With A.C.R.	1
E27N —7542	...Plate (clutch pedal retracting spring)	1945/—		1
	...Plate (brake lever retracting spring)	1945/—		1
E27N —7547-A	...Ring (brake pedal cross shaft lock)	1945/—	With steering brakes	1
E27N —7550-A	...Disc (clutch) assy.	1945/—		1
E27N —7562	...Spring (clutch release plate retracting)	1945/—		1
E27N —7563	...Plate (clutch pressure) and cover assy.	1945/—		1
20406-S	...Screw (cover to flywheel)	1945/—		16
34806-S	...Lockwasher	1945/—		16
E27N —7579	...Plate (clutch release)	1945/—		1
78 —7580	...Bearing (clutch release) assy.	1945/—		1
N —7585	...Felt (clutch brake cross shaft)	1945/—		2
E27N —7589	...Hub (clutch release bearing) assy.	1945/—	Includes bearing	1
E27N —7594	...Spring (clutch release lever)	1945/—		2
E27N —7596	...Washer (clutch release arm thrust)	1945/—		1
N —7600	...Bearing (clutch pilot)	1945/—	Optional with B-7065	1
E27N —7608	...Lever (clutch balance) assy.	1945/—		1
353026-S7	...Lubricator	1945/—		1
E27N —7612	...Pin (clutch balance lever fulcrum)	1945/—		1
72062-S	...Cotter	1945/—		1
E27N —7613	...Pin (clutch balance lever to retracting spring and rod)	1945/—		1
E27N —7614	...Washer (clutch balance lever retainer)	1945/—		1
E27N —7616	...Bush (clutch balance lever)	1945/—		1
E27N —7619	...Stud (clutch release bearing hub)	1945/—		4
E27N —7624-B	...Stop (clutch pedal)	1945/—	Except Ind.	1
20046-S	...Bolt (stop to platform)	1945/—		1
33797-S	...Nut	1945/—		1
34826-S	...Lockwasher	1945/—		1

TRANSMISSION BRAKE

E27N —7702	...Shaft (transmission brake)	1945/—		1
N-115095-A	...Spring (brake shaft return)	1945/—		1
N —7703-C	...Hub (transmission reverse idler shaft)	1945/—		1
N —7704-B	...Plate (transmission brake)—revolving	1945/—		5
N —7705-B	...Plate (transmission brake)—stationary	1945/—		7
●N —7706-C	...Pin (transmission brake plate)	1945/—		2

● Type 7·7 transmission (high speed top gear).

Part No.	Name of Part	Year	Remarks	Qty. Req.

FRONT TRANSMISSION—continued

TRANSMISSION BRAKE—continued

♯N —7706-D	...Pin (transmission brake plate)—long	1945/—		1
♯N —7706-E	...Pin (transmission brake plate)—short	1945/—		1
33968-S	...Nut	1945/—		2
72016-S	...Cotter	1945/—		2
N —7707-B	...Spring (transmission brake)	1945/—		1
♯E27N —7708-A	...Nut (trans. brake spring retainer)	1945/—		1
●E27N —7708-B	...Nut (trans. brake spring retainer)	1945/—		1
♯N —7710	...Plate (brake pin support)	1945/—		1
♯N —7711	...Washer (transmission drive shaft bearing retainer)	1945/—		4
♯N —7712	...Washer (upper transmission shaft bearing spacer)	1945/—		1
N —7713	...Baffle (trans. drive shaft bearing)	1945/—		1
	...Baffle (ball pinion bearing)	1945/—		2
N —7714	...Seal (transmission brake shaft oil)	1945/—		1

COOLING SYSTEM

RADIATOR

△E27N —8000-C	...Radiator assy.—less pressure cap	1945/—	Include top and bottom tanks	1
△E27NS —8000-A	...Radiator assy.—with pressure cap	1945/—		
20472-S	...Screw (radiator to cyl. front cover)	1945/—		2
N-21262-A	...Screw (radiator to cyl. front cover)	1945/—		1
N-22336	...Washer	1945/—		1
N-10883-A	...Calormeter (radiator)	1945/—		1
N —8010-A	...Core (radiator) assy.	1945/—		1
N —8011-B	...Tube (radiator)—small	1945/—		206
N —8012-A	...Fin (radiator)	1945/—		118
N —8014	...Header (radiator)—top	1945/—		1
N —8015	...Header (radiator)—bottom	1945/—		1
■E27NS —8035	...Washer (top tank cover bolt sealing)	1948/—		2
E27NS —8048	...Installation (radiator pressure cap)	1945/—	For tropical countries	1
N —8049	...Gasket (radiator bottom tank)	1945/—	Paper	1
■E27NS —8051	...Clip (radiator escape valve tube)	1948/—		1
■20308-S	...Bolt (clip to top tank)	1948/—		1
■33795-S	...Nut	1948/—		1
■34805-S	...Lockwasher	1948/—		1

● Type 7·7 transmission (high speed top gear).
△ Except Diesel.
♯ Type 4·3 transmission (low speed top gear).
■ Used only with pressure cap.

COOLING SYSTEM—continued

RADIATOR—continued

Part No	Name of Part	Year	Remarks	Qty. Req.
■E27NS —8052	...Cover (top tank) neck and pressure cap assy.	1948/—		1
E27N —8053-B	...Tank (radiator top) and lining assy.	1945/—		1
20325-S	...Screw (tank to header)	1945/—		10
20085-S	...Bolt (tank to header)	1945/—		4
20378-S	...Screw (tank to side members)	1945/—		4
N-24029	...Stud (radiator top tank)	1945/—		5
33782-S	...Nut	1945/—		9
35492-ES	...Screw (calormeter hole)	1945/—	Less calormeter	1
†E27N —8054	...Cover (radiator top tank) assy.	1945/—		1
N —8055	...Lining (radiator top tank)	1945/—		1
	...Lining (fuel tank rear strap)	1945/—		1
†N —8057	...Nut (radiator top tank cover)	1945/—		1
†N —8058	...Ring (radiator top tank cover)	1945/—		1
†N —8059	...Bolt (radiator top tank cover)	1945/—		1
N-21840	...Nut	1945/—		1
■E27NS —8059	...Bolt (top tank cover hook)	1948/—		2
■N-21840	...Nut (square)	1948/—		2
■33831-S2	...Nut (hexagon)	1948/—		2
■119279-ES2	...Washer	1948/—		2
†E27N —8060	...Gasket (radiator top tank cover)	1945/—	Rubber	1
†27709-S	...Screw (gasket to cover)	1945/—	Brass	4
■E27NS —8060-A	...Gasket (top tank cover)	1948/49		1
■E27NS —8060-B	...Gasket (top tank cover)	1949/—	Located by bolts	1
N —8062-A	...Gasket (radiator top tank)	1945/—	Copper asbestos	1
†N —8063	...Washer (radiator top tank cover to gasket)	1945/—		4
Y —8070	...Flange (fuel tank filler)	1945/—	(1 only required with petrol)	2
N —8072	...Tube (radiator overflow)	1945/—		1
†E27N —8075	...Tube (radiator overflow) assy.	1945/—		1
■Y-24452	...Plug (radiator bottom tank)	1948/—		1
■E27NS —8075	...Tube (radiator escape valve)	1948/—		1
△N —8080	...Tank (radiator bottom)	1945/—		1
20055-S	...Bolt (tank to core)	1945/—		17
20085-S	...Bolt (tank to core)	1945/—		6
33782-S	...Nut	1945/—		23
△N —8081-A	...Gasket (radiator bottom tank)	1945/—	Copper asbestos	1
N —8082	...Gasket (radiator top tank)	1945/—	Paper	1
N —8084	...Strip (radiator)—front	1945/—		2
N —8085	...Strip (radiator)—rear	1945/—		2
△E27N —8090-A	...Member (radiator side)—R.H.	1945/—		1
E27N —8091-A	...Member (radiator side)—L.H.	1945/—		1

■ Used only with pressure cap. † Not used with pressure cap.
△ Except Diesel.

COOLING SYSTEM—continued

RADIATOR—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
■E62A —8100-A	...Cap (top tank pressure) assy.	1948/—		1
■E62A —8111	...Gasket (radiator pressure cap)	1948/—		1
N —8115-A	...Cock (cylinder front cover drain) assy.	1945/—		1
E27N —8146	...Shroud (fan)	1948/—		1
E27N —8150-B	...Grille (radiator) assy.	1945/—		1
20348-S	...Screw (grille to side member)	1945/—		4
BE —8287-B	...Clamp (air inlet pipe to air cleaner)	1946/—		1

△WATER PUMP

N —8505	...Housing (water pump) assy.	1945/—		1
20432-S	...Screw (housing to cylinder head and top tank)	1945/—		8
34809-S	...Lockwasher	1945/—		8
353031-S7/8	...Lubricator (fan bearing)	1945/—		1
N —8507-B	...Gasket (cylinder head water connection)	1945/—	Copper asbestos	1
N —8510	...Shaft (water pump) and impeller assy.	1945/—		1
N-22402-B	...Washer (water pump impeller)	1945/—		1
34020-S	...Nut (fan pulley to shaft)	1945/—		1
351503-S	...Washer	1945/—		1
72035-S	...Cotter	1945/—		1
N —8520-B	...Bush (water pump shaft)—rear	1945/—		1
N —8521-A	...Packing (water pump shaft)—small	1945/—		1
N —8521-B	...Packing (water pump shaft)—large	1945/—		1
N —8523	...Nut (water pump shaft rear bushing)	1945/—		1
N —8542	...Bush (water pump shaft)—front	1945/—		1
BE —8564	...Greaser (water pump bearing)	1945/—		1

△FAN AND PULLEY

E27N —8600	...Fan and pulley assy.	1945/—	Order component parts	1
34020-S	...Nut (fan pulley to shaft)	1945/—		1
351503-S	...Washer	1945/—		1
72035-S	...Cotter	1945/—		1
E27N —8605	...Fan assy.	1945/—		1
N —8612-B	...Pulley (fan hub)—rear half	1945/—		1
N —8613-C	...Pulley (fan hub)—front half	1945/—		1
21490-S	...Bolt (fan to pulley)	1945/48		4
33782-S	...Nut	1945/48		4
21545-S2	...Bolt (fan to pulley)	1948/—	With aluminium fan	4
33795-S	...Nut	1948/—	With aluminium fan	4
34805-S	...Lockwasher	1945/—		4
N —8615	...Spacer (fan hub pulley adjusting)	1945/—		8
	...Spacer (fan to pulley bolt)	1948/—	With aluminium fan	2

■ Used only with pressure cap. △ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

COOLING SYSTEM—continued

△FAN AND PULLEY—continued

N	—8620-B	...Belt (fan)	1945/—	Less generator	1
N	—8620-C	...Belt (fan)	1945/—	With generator	1

FUEL SYSTEM

FUEL TANK

N	—9002-A	...Tank (fuel) assy.—with auxiliary tank	1945/—	T.V.O. and gas oil	1
N	—9003-A	...Tank (fuel) assy.—less auxiliary tank	1945/—	Petrol and Diesel	1
	353055-S5	...Plug (fuel tank drain)	1945/—	Petrol	1
E27N	—9013	...Strap (petrol tank)—front	1945/—		1
	E27N-9067-A	...Lining (petrol tank front strap)	1945/—		1
	119193-ES	...Bolt (strap to top tank)	1945/—		2
	33967-S	...Nut	1945/—		2
	34808-S	...Lockwasher	1945/—		2
N	—9030-B	...Cap (petrol tank filler) assy.	1945/—	1 required with petrol	2
N	—9035	...Gasket (petrol tank filler plug)	1945/—	1 required with petrol	2
N	—9056	...Strap (petrol tank)—rear	1945/—		1
	N-8055	...Lining (petrol tank rear strap)	1945/—		1
	33802-S4	...Nut (petrol tank rear strap)	1945/—		2
	34808-S	...Lockwasher	1945/—		2
E27N	—9067-A	...Lining (fuel tank front strap)	1945/—	Was E27N-8055	1

△SEDIMENT BULB AND PIPE LINE

†E27N	—9155-A	...Bulb (sediment) assy.	1945/—	Petrol	1
†E27N	—9155-B	...Bulb (sediment) assy.	1945/—	T.V.O. and gas oil	1
N	—9160-E	...Body (sediment bulb)	1946/49	T.V.O. and gas oil	1
N	—9161	...Bowl (sediment bulb filter)	1946/—		1
N	—9163-A	...Valve (sediment bulb petrol) assy.	1946/49		1
N	—9163-B	...Valve (sediment bulb T.V.O.) assy.	1946/49	T.V.O. and gas oil	1
E27N	—9163-A	...Valve (petrol) assy.	1949/—		1
E27N	—9163-B	...Valve (T.V.O.) assy.	1949/—	T.V.O. and gas oil	1
E27N	—9164-A	...Body (sediment bulb) and valve assy.	1946/—	Petrol	1
E27N	—9164-B	...Body (sediment bulb) and valve assy.	1949/—	T.VO	1
N	—9165	...Clamp (sediment bulb strainer)	1946/49		1
N	—9167	...Screw (sediment bulb strainer clamp)	1946/49		1
N	—9168	...Nut (strainer clamp thumb)	1946/49		1

† When replacing N-9155-E/F (fitted in production up to December, 1945), order also one fuel pipe (N-9240-K/E27N-9240-A/B), two B-9242 and two B-9243.

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

FUEL SYSTEM—continued

△SEDIMENT BULB AND PIPE LINE—continued

N	—9169	...Cup (strainer clamp)	1946/49		1
E27N	—9169	...Nut (sediment bulb strainer clamp)	1949/—	Includes cup	1
A	—9170-A	...Screen (sediment bulb) assy.	1945		1
N	—9171-B	...Retainer (sediment bulb screen)	1945		1
E27N	—9171	...Clamp (sediment bulb strainer) and screw assy.	1949/—		1
N	—9172	...Screen (sediment bulb)	1946/—		1
N	—9173	...Gasket (sediment bulb body to bowl)	1946/—		1
A	—9174	...Gasket (sediment bulb)	1945		1
N	—9183-B	...Plug (sediment bulb drain)	1945		1
N	—9185-B	...Plug (float chamber drain valve) assy.	1945/—	With N-9825-A	1
N	—9194-B	...Spring (sediment bulb valve)	1945		1
N	—9196-A	...Washer (manifold drain deflector)	1947/—		1
N	—9196-B	...Washer (sediment bulb valve spring)	1945		1
N	—9197	...Nut (fuel pipe pack)	1945/—	Internal thread. T.V.O.	2
N	—9198	...Washer (sediment bulb valve stop)	1945		1
N	—9231	...Pipe (auxiliary tank to sediment bulb)	1945	With N-9625-D	1
E27N	—9231	...Pipe (auxiliary tank to sediment bulb)	1946/—	With E27N-18206	1
N	—9240-H	...Pipe (sediment bulb to carburettor)	1945	Petrol	1
N	—9240-J	...Pipe (sediment bulb to vaporiser)	1945	T.V.O. and gas oil	1
N	—9240-K	...Pipe (sediment bulb to vaporiser)	1946/—	T.V.O.	1
E27N	—9240-A	...Pipe (sediment bulb to carburettor)	1946/—	Petrol	1
E27N	—9240-B	...Pipe (sediment bulb to vaporiser)	1946/—	Gas oil	1
B	—9242-A	...Ferrule (fuel pipe)	1945/—		4
B	—9243-A	...Nut (fuel pipe union)	1945/—	External thread	3
N	—9244	...Elbow (fuel pipe)	1945/—	T.V.O. and gas oil	1
BE	—9357	...Washer (fluid level adj. bolt)	1945/—	With A.C.R.	1

△MANIFOLD

N	—9424-A	...Manifold and stud assy.	1945/—	T.V.O.	1
N	—9424-B	...Manifold and stud assy.	1945/—	Petrol. Except Ind.	1
N	—9424-C	...Manifold and stud assy.	1945/—	Gas oil	1
N	—9424-D	...Manifold and stud assy.	1947/—	Petrol. Ind.	1
	N-24032-B	...Stud (manifold to silencer)	1945/—		2
	33832-S	...Nut	1945/—		2
	N-24033	...Stud (manifold to cylinder)	1945/—	1 required with petrol	2
	N-24035	...Stud (manifold to cylinder)	1945/—	3 required with petrol	2
	33848-S7	...Nut	1945/—		4
N	—9426	Valve (manifold drain) assy.	1945/—		2
		Valve (oil air cleaner) assy.	1945	With N-9625-D	1
N	—9433	...Plate (gas oil vaporiser)	1945/—	Gas oil	1
N	—9434-A	...Cover (manifold) assy.	1945/—	T.V.O.	1

△ Except Diesel.

FUEL SYSTEM—continued

△MANIFOLD—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
N —9434-B	...Cover (manifold) assy.	1945/—	Gas oil	1
N —9436-A	...Cover (manifold)	1945/—	T.V.O.	1
20412-S7	...Screw (cover to manifold)	1945/—	T.V.O.	4
N —9436-B	...Cover (manifold)	1945/—	Gas oil	1
N-21253	...Screw (cover to manifold)	1945/—	Gas oil	4
N —9438	...Felt (air cleaner connection)	1945/—	With oil air cleaner	2
N —9439-A	...Retainer (air cleaner connection felt)	1945/—	With oil air cleaner	2
N —9439-B	...Retainer (air cleaner connection felt)—split	1945	With N-9625-D	1
N —9440	...Gland (manifold)	1945/—		6
N —9444	...Gasket (manifold cover)	1945/—	T.V.O. and gas oil	1
N —9447	...Gasket (carburettor to manifold)	1945/—	Petrol	1
N-9806	...Gasket (mixing chamber to manifold)	1945/—	T.V.O. and gas oil	1
N —9448-A	...Gasket (manifold)	1945/—		6
N —9451-B	...Shield (manifold)	1945/—	T.V.O.	1
E27N —9451	...Shield (manifold) assy.	1949/—	Gas oil	1
E27N —9484	...Plate (manifold drain valve deflector)	1947/—		1

△CARBURETTOR

(Items listed in this Section apply only to petrol-driven tractors, unless otherwise stated)

N —9510-D	...Carburettor assy.	1945/—	Governor control	1
N —9510-E	...Carburettor assy.	1947/—	Throttle control	1
N-20912	...Screw (carburettor to manifold)	1945/—		2
N —9513-D	...Body (carburettor main)	1945/—		1
N —9515-B	...Body (carburettor throttle)	1945/—	Governor control	1
N —9515-C	...Body (carburettor throttle) assy.	1947/—	Throttle control	1
N —9516	...Gasket (carburettor throttle body)	1945/—		1
N —9519	...Gasket (carburettor upper body)	1945/—		1
N —9521-D	...Body (carburettor upper)	1945/—		1
N —9524	...Nut (carburettor valve packing)	1945/—		1
N —9525-B	...Valve (petrol adjusting needle)	1945/—		1
N —9529	...Housing (adjusting needle valve)	1945/—		1
N —9533-A	...Jet (metering)—·057 standard	1945/—		1
N —9533-B	...Jet (metering)—·055	1945/—		1
N —9533-C	...Jet (metering)—·053	1945/—		1
N —9534-F	...Jet (carburettor main)	1945/—		1
N —9536	...Packing (adjusting needle valve)	1945/—		1
N —9542-C	...Tube (idle) assy.	1945/—		1
N —9546-B	...Shaft (carburettor air shutter) assy.	1945/—		1
72024-S	...Cotter	1945/—		2
N —9549-C	...Plate (carburettor air shutter)	1945/—		1
N —9550-B	...Float (carburettor) and hinge assy.	1945/—		1

△ Except Diesel.

FUEL SYSTEM—continued

△CARBURETTOR—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
N —9551	...Lever (air shutter) and bush assy.	1945/—		1
N —9553	...Clip (carburettor float needle to arm)	1945/—		1
N —9558	...Pivot (carburettor float)	1945/—		1
N —9563	...Gasket (needle valve housing)	1945/—		1
N —9566	...Needle (carburettor float)	1945/—		1
N —9567	...Gasket (float needle seating)	1945/—		1
N —9568	...Collar (air shutter shaft)	1945/—		2
N —9569-B	...Seating (carburettor float needle)	1945/—		1
N —9577	...Needle (carburettor idle adjusting)	1945/—		1
N —9578	...Spring (idle adjusting valve)	1945/—		1
N —9582-B	...Shaft (throttle)	1945/—	Governor control	1
N —9582-C	...Shaft (throttle)	1947/—	Throttle control	1
N —9583-B	...Stop (carburettor throttle)	1945/—		1
N —9584	...Lever (carburettor throttle)	1947/—	Throttle control	1
N —9585-B	...Plate (carburettor throttle)	1945/—		1
N —9586-B	...Venturi (carburettor)	1945/—		1
N —9589	...Spring (carburettor air shutter)	1945/—		1
N —9590	...Plug (carburettor throttle stop)	1945/—		1
N-9603-F to N-9695—see also Air Cleaner Section				
N —9611-C	...Screw (air shutter plate)	1945/—		2
N —9677	...Screw (carburettor upper to main body)	1945/—		6
N —9677	...Screw (mixing chamber valve casing)	1945/—	T.V.O. and gas oil	4
34904-S	...Washer (shakeproof)	1945/—		6
BE —9678	...Nut (strangling throttle lever to shaft)	1945/—	T.V.O. and gas oil	1
N —9681	...Screw (throttle adjusting)	1945/—		2
N —9682	...Spring (throttle adjusting screw)	1945/—		2
YE —9687-A	...Screw (economiser valve assy. to body)	1945/—	T.V.O. and gas oil	4
N —9687	...Screw (carburettor throttle stop)	1945/—		1
34952-S	...Washer (shakeproof)	1945/—		1
N —9690	...Screw (carburettor throttle plate)	1945/—		2
N —9697	...Screw (carb. main to throttle body)	1945/—		3
N —9697	...Screw (mixing chamber upper to lower body)	1945/—	T.V.O. and gas oil	6
34905-S	...Washer (shakeproof)	1945/—		3
N —9698	...Jet (carburettor air reducer)	1945/—		1

△†AIR CLEANER AND FILTER

N —9603-F	...Container (oil air cleaner)	1945		1
353051-S	...Plug (oil filler)	1945		1
N —9618-B	...Gasket (air cleaner cover)	1945		1
N —9621-C	...Screen (oil air cleaner)	1945		2
N —9625-D	...Cleaner (oil air) assy.	1945		1

△ Except Diesel. † For current type Air Cleaner, see E27N-18206.

Part No.	Name of Part	Year	Remarks	Qty. Req.

FUEL SYSTEM—continued

△†AIR CLEANER AND FILTER—continued

20798-ES	...Screw (cleaner to transmission housing)	1945		2
N-20218	...Screw (cleaner to steering housing)	1945		1
32801-S	...Screw (oil air cleaner air deflector)	1945		6
32859-S	...Screw (oil air cleaner air deflector)—short	1945		2
32873-S	...Screw (oil air cleaner air deflector)—long	1945		2
N —9628-C	...Cover (oil air cleaner container)	1945		1
20432-S	...Screw (cover to container)	1945		1
20472-S	...Screw (cover to container)	1945		1
34809-S	...Lockwasher	1945		2
E62A —9628	...Clip (H.P.L. pump drive shaft cover)	1945/—	With H.P.L.	2
N —9635	...Gasket (steering gear housing)	1945/—		1
N —9636-J	...Tube (cleaner to carburettor or vaporiser)	1945		1
N-9438	...Felt	1945		2
N-9439-A	...Retainer (felt)	1945		1
N-9439-B	...Retainer (felt)—split	1945		1
N —9641-A	Plug (oil air cleaner drain)	1945		1
	Plug (gear shifter plate)	1945/—		1
N —9642-A	Gasket (oil air cleaner drain plug)	1945		1
	Gasket (gear shifter plate plug)	1945/—		1
	Gasket (rear trans. filler plug)	1945/47		1
N —9660	...Filter (air) assy.	1947/—	Ind.	1
N —9661-A	...Gauze (air filter) assy.	1947/—	Ind.	1
N —9661-C	...Gauze (oil air cleaner)	1945		1
N —9664	...Clip (air filter)	1947/—	Ind.	1
20386-S	...Bolt (clamping)	1947/—	Ind.	1
33797-S	...Nut	1947/—	Ind.	1
N —9665	...Nut (air filter)—wing	1947/—	Ind.	1
N —9673	...Pipe (oil air cleaner inlet)	1945		1

N-9677 to N-9698—see also Carburettor Section and Primary Air Cleaner Section

N —9695	...Clamp (oil air cleaner inlet pipe)	1945		2
31176-S	...Screw (oil air cleaner clamp)	1945		1
33795-S	...Nut	1945		1

△PRIMARY AIR CLEANER

N —9680-A	...Cleaner (primary air)	1945/—		1
72145-S	...Cotter (primary air cleaner)	1945/—		1

△CHOKE AND THROTTLE CONTROL

E27N —9700-A	...Rod (primer)	1945	With E27N-19195-A	1
E27N —9700-B	...Rod (primer)	1945/—	Except Ind.	1

△ Except Diesel. † For current type Air Cleaner, see E27N-18206.

Part No.	Name of Part	Year	Remarks	Qty. Req.

FUEL SYSTEM—continued

△CHOKE AND THROTTLE CONTROL—continued

E27N —9700-C	...Rod (primer)	1947/—	Ind. with governor	1
72003-S	...Pin (primer rod)	1945/—		1
N —9701	...Rod (primer)	1947/—	Ind. with throttle	1
N —9709-A	...Spring (throttle control rod)	1947/—	Ind.	2
N-19511	...Retainer (spring)	1947/—	Ind.	2
N-23665	...Pin (spring retainer)	1947/—	Ind.	2
N —9709-B	...Spring (spark control handle)	1945/—		1
N —9713-B	...Cover (throttle control)—on vaporiser	1945/—	Governor control	1
N —9717	...Lever (throttle control rod)	1947/—	Ind.	2
E27N —9718	...Lever (throttle control handle) assy.	1947/—	Ind.	1
61453-S	...Rivet (lever to rod and handle)	1947/—	Ind.	3
N-19094	...Ball (throttle control rod lever)	1947/—	Ind.	2
YE —9747	...Coupling (rod to carburettor) assy.	1947/—	Ind.	1
E27N —9774	...Support (throttle control rod)	1947/—	Ind.	1
E27N —9781	...Handle (throttle control)	1947/—	Ind.	1
E27N —9782-A	...Rod (throttle control)	1947/—	Ind.	1
N-19508-D	...Support (throttle control rod)	1947/—	Ind.	1
E27N —9783	...Coupling (control handle to rod) assy.	1947/—	Ind.	1
E27N-9991	...Quadrant (throttle control)	1947/—	Ind.	1
E27N-9992	...Clamp (quadrant)	1947/—	Ind.	1
20388-S	...Bolt (clamp to quadrant)	1947/—	Ind.	2
34807-S	...Lockwasher	1947/—	Ind.	2

△VAPORISER

(Items listed in this Section apply only to tractors using T.V.O. and gas oil, unless otherwise stated)

N —9800-H	...Vaporiser (paraffin) assy.	1945/—	Includes manifold	1
N —9800-J	...Vaporiser (gas oil) assy.	1945/—	Includes manifold	1
N —9803-E	...Chamber (mixing) assy.—complete	1945/—		1
N-20764	...Screw (mixing chamber to manifold)	1945/—		4
N —9806	...Gasket (mixing chamber to manifold)	1945/—		1
N —9807-B	...Shaft (air valve) and plug assy.	1945/—		1
N —9810	...Plug (air valve shaft)	1945/—		1
N —9811-B	...Valve (air) assy.	1945/—		1
N —9815-B	...Lever (strangling throttle) and rod assy.	1945/—		1
BE-9678	...Nut (strangling throttle lever to shaft)	1945/—		1
34805-S	...Lockwasher	1945/—		1
N —9818	...Lever (throttle stop) and rod assy.	1945/—		1
N —9819	...Disc (throttle)	1945/—		1
N —9820	...Disc (strangling throttle)	1945/—		1
N —9825-A	...Chamber (float) assy.—complete	1945/—		1
N-20717	...Screw (chamber to manifold cover)	1945/—		2
N-9185-B	...Plug (drain valve) assy.	1945/—		1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

FUEL SYSTEM—continued

△**VAPORISER**—continued

N	—9826-C	...Needle (adjusting) assy.	1945/—		1
N	—9835-C	...Seat (float valve)	1945/—		1
N	—9839-A	...Float and lever assy.	1945/—		1
N	—9840-B	...Valve (float)	1945/—		1
	72716-S	...Pin (float lever)	1945/—		1
N	—9843	...Chamber (float) and plug assy.	1945/—		2
	N-20235-B	...Screw (petrol passage)	1945/—		1
N	—9848-B	...Jet (fuel)	1945/—		1
N	—9850-E	...Tube (initial air inlet)	1945/—		1
N	—9851-D	...Pipe (vapour outlet)	1945/—		1
N	—9854	...Cover (float chamber) and bracket assy.	1945/—		4
	26480-S	...Screw (cover to chamber)	1945/—		4
	34842-S	...Lockwasher	1945/—		1
N	—9857	...Bush (adjusting needle)	1945/—		2
N	—9863	...Staple (throttle disc)	1945/—		1
N	—9866	...Stud (throttle stop lever cover)	1945/—		1
N	—9867	...Plate (throttle stop lever)	1945/—		1
N	—9868	...Plug (mixing chamber inlet)	1945/—		
N	—9902	...Gasket (mixing chamber upper to lower body)	1945/—		1
N	—9915	...Body (mixing chamber upper) assy.	1945/—		1
N	—9916	...Body (mixing chamber lower) assy.	1945/—		1
	N-9697	...Screw (upper to lower body)	1945/—		6
	34905-S	...Washer (shakeproof)	1945/—		6
N	—9917	...Casing (mixing chamber air valve)	1945/—	Order N-9915	1
	N-9677	...Screw (casing to body)	1945/—		4
	34904-S	...Washer (shakeproof)	1945/—		4
N	—9918	...Venturi (mixing chamber)	1945/—		1
N	—9919	...Valve (mixing chamber economiser) assy.	1945/—		1
	YE-9687-A	...Screw (valve assy. to body)	1945/—		4
	34842-S	...Lockwasher	1945/—		4
N	—9927	...Gasket (economiser valve assy.)	1945/—		1
N	—9932	...Plug (mixing chamber lower body)	1945/—		2
E27N	—9991	...Quadrant (throttle control)	1947/—	See previous section	1
E27N	—9992	...Clamp (quadrant)	1947/—	See previous section	1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△○□ GENERATOR

E27N	—10000-C	...Generator and pulley assy.	1945/—		1
E27N	—10001-C	...Generator assy.—less pulley	1945/—		1
	20406-S	...Bolt (generator to front bracket)	1945/—		1
	20386-S	...Bolt (generator to rear bracket)	1945/—		1
	33797-S	...Nut	1945/—		2
	34806-S	...Lockwasher	1945/—		2
E27N	—10005	...Armature (generator) assy.	1945/49		1
	351124-S	...Nut (pulley to armature shaft)	1945/49		1
	351499-S	...Washer	1945/49		1
	74174-S	...Key (armature shaft)	1945/49		1
	350505-ES	...Screw (pole piece fixing)	1945/—		2
YE	—10043	...Retainer (drive and bearing ring)	1949/—		1
E88C	—10068	...Spring (generator brush)	1945/—		2
E88C	—10069	...Brush (generator)	1945/49		2
E93A	—10069	...Brush (generator)	1949/—		2
7W	—10088	Dowel (generator drive end plate)	1945/—		1
		Dowel (generator commutator end plate)	1945/—		1
		Dowel (starter commutator end plate)	1945/—		1
E93A	—10094	...Bearing (generator drive end)	1945/49		1
YE	—10094	...Bearing (generator drive end)	1949/—		1
E88C	—10095	...Retainer (generator drive end bearing)	1945/49		1
E27N	—10097	...Collar (generator drive end bearing)	1945/49		1
E93A	—10097-B	...Collar (generator drive end bearing)	1949/—		1
E93A	—10098-A	...Plate (drive end bearing retainer)	1945/49		1
YE	—10098-B	...Plate (drive end bearing retainer)	1949/—		1
	119423-ES	...Rivet (plate to bracket)	1945/—		4
WOT1	—10099-A	...Ring (drive end bearing retainer)	1945/49		1
YE	—10099	...Ring (drive end bearing retainer)	1949/—		1
E93A	—10113	...Retainer (drive end bearing felt)	1945/49		1
YE	—10113	...Retainer (drive end bearing felt)	1949/—		1
E93A	—10114	...Washer (drive end bearing corrugated)	1945/49		1
YE	—10114	...Washer (drive end bearing corrugated)	1949/—		1
E93A	—10126	...Plate (commutator end terminal insulating)	1949/—	Celaron	1
B	—10128	...Bush (commutator end plate)—oilless	1945/49		1
E93A	—10128	...Bush (commutator end plate)—oilless	1949/—		1
E27N	—10129	...Plate (generator commutator end) assy.	1945/49		1
	119217-ES	...Nut (commutator end terminal)	1945/49		1
	119218-ES	...Nut (commutator end terminal)	1945/49		1
	119294-ES	...Washer	1945/49		1
	119296-ES	...Washer	1945/49		1

○ With electric lighting (with or without starter motor, 1945/49).
□ With starter motor, with or without electric lighting.
△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.
	△○□ GENERATOR—continued			
119652-ES	...Washer (commutator end distance fibre)	1945/49		1
E27N —10130-A	...Pulley (generator)	1945/49		1
E27N —10130-B	...Pulley (generator)	1949/—		1
E27N —10134	...Washer (H.P.L. pump casing)	1945/—	With H.P.L.	6
E27N —10139	...Plate (generator drive end)	1945/49	Less bearing	1
BE —10144	...Band (generator cover) assy.	1945/49		1
27161-S2	...Screw (band)	1945/—		1
34141-S	...Nut	1945/—		1
B —10145	...Wick (commutator end plate) and spring assy	1945/—		1
BE —10146	...Oiler (commutator end plate)	1945/—		1
E62A —10149	...Plug (commutator end plate)	1945/49		1
E93A —10149	...Plug (commutator end plate)	1949/—		1
E27N —10150	...Bracket (generator support) assy.—front	1945/—		1
20510-S	...Bolt (bracket and water pump to cylinder head)	1945/—		1
E27N —10151	...Bracket (generator support) assy.—rear	1945/—		1
N-21264-A	...Screw (bracket and cylinder head to block)	1945/—		2
E93A —10160	...Felt (drive end bearing oil retaining)	1945/49		1
YE —10160	...Felt (drive end bearing oil retaining)	1949/—		1
E27N —10162	...Arm (generator adjusting)	1945/—		1
20366-S2	...Bolt (arm to generator)	1945/—		1
34746-S2	...Washer	1945/—		1
20386-S	...Bolt (arm to front bracket)	1945/—		1
33797-S	...Nut	1945/—		1
34806-S	...Lockwasher	1945/—		1
E93A —10166-A	...Bolt (generator frame through)	1945/49		2
34825-S2	...Lockwasher	1945/49		2
E93A —10166-B	...Bolt (generator frame through)	1949/—		2
FN-104-K	...Nut	1949/—		2
E27N —10175	...Coil (generator) assy.	1945/49		1
E93A —10184-B	...Terminal (generator field) assy.	1949/—		1
119437-ES	...Rivet (terminal to frame)	1949/—		1
E62A —10193	...Insulator (field coil connecting wire)	1945/49		1
E93A —10210	...Screw (generator brush connection)	1945/—		2
E93A —10230	...Washer (commutator end distance)	1949/—		2
E27N —10300	...Cover (generator terminal block) assy.	1945/49		1
E27N —10302	...Screw (generator terminal block)	1945/49		1
34742-S2	...Washer	1945/49		1

○ With electric lighting (with or without starter motor, 1945/49).
△ Except Diesel. □ With starter motor, with or without electric lighting.

Part No.	Name of Part	Year	Remarks	Qty. Req.
	○□ REGULATOR			
E27N —10505-D	...Regulator (generator) assy.	1945/49		1
E27N —10505-E	...Regulator (generator) assy.	1949/—		1
27153-S	...Screw (regulator to instrument box)	1949/—		2
34079-S2	...Nut	1949/—		2
34803-S2	...Lockwasher	1949/—		2
20344-S	...Bolt (earth cable to dash)	1945/—		1
33795-S	...Nut	1945/—		1
E93A —10560	...Cover (regulator)	1945/—		1
E27N —10570	...Resistance (regulator) assy.	1945/—		1
E93A —10578	...Terminal (regulator)	1945/—		5
E27N —10605-B	...Cover (regulator dust) assy.	1945/49		1
E27N —10606-B	...Bolt (regulator and dust cover to dash)	1945/49		2
119209-ES	...Nut (wing)	1945/49		2
34079-S	...Nut	1945/49		2
E62A —10608	...Screw (regulator terminal)	1945/—		5
E93A —10624	...Bail (regulator cover)	1945/—		1
	△○□ BATTERY			
E27N —10655-A	...Battery assy.—charged	1945/—		1
E27N —10657-A	...Battery assy.—uncharged	1945/—		1
23017-S16	...Bolt (battery terminal)	1945/—		2
33797-S16	...Nut	1945/—		2
E27N —10666	...Cover (battery)	1945/—		1
YE —10668	...Nut (battery cover fastening)	1945/—		2
E27N —10720	...Plug (battery filler)	1945/—		6
E27N —10730-B	...Pad (battery to platform)	1945/—		1
	○□ AMMETER			
E27N —10850-A	...Ammeter assy.	1945/—		1
26512-S	...Bolt (ammeter to panel)	1945/—		2

□ With starter motor, with or without electric lighting.
○ With electric lighting (with or without starter motor, 1945/49). △ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

○□ AMMETER—continued

34052-S7/8	...Nut	1945/—		2
34842-S7/8	...Lockwasher	1945/—		2
34052-S7/8	...Nut (ammeter terminal)	1945/—		2

CALORMETER

N	—10883-A	...Calormeter (radiator)	1945/—		1

△□ STARTER MOTOR AND DRIVE

STARTER MOTOR

E27N —11001-C	...Starter motor and drive assy.	1945/—		1
20388-S	...Bolt (starter motor to cylinder block)	1945/—		2
20398-S7	...Bolt (starter motor to cylinder block)	1945/—		1
E27N —11005	...Armature (starter) assy.	1945/—		1
E27N —11032	...Washer (starter drive packing)	1945/49		2
E27N —11049	...Plate (starter commutator end) assy.	1945/49		1
7W-10088	...Dowel (commutator end plate)	1945/—		1
E27N —11052	...Bush (starter commutator end bearing)	1945/—		1
E27N —11053	...Cap (starter armature shaft end)	1945/49		1
B —11054	...Brush (starter) assy.	1945/—		4
B —11059	...Spring (starter brush)	1945/—		4
E27N —11060	...Washer (starter shaft oil seal)	1945/46	Leather	1
119695-ES	...Washer (oil seal retaining)	1945/46	Steel	1
E27N —11079	...Bolt (starter frame fixing)	1945/—		2
34825-S2	...Lockwasher	1945/—		2
E27N —11081	...Coils (starter field)—set	1945/49		1
350505-ES	...Screw (starter pole piece)	1945/49		2
E27N —11106	...Washer (starter field terminal insulator)	1945/49		1
E27N —11107	...Bush (starter field terminal insulator)	1945/49		1
E27N —11108	...Nut (starter field terminal)	1945/49		1
E27N —11110	...Plate (starter contact upper)	1945/49		1
E27N —11111	...Plate (starter contact lower)	1945/49		1

□ With starter motor, with or without electric lighting.
○ With electric lighting (with or without starter motor, 1945/49). △ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△□ STARTER MOTOR AND DRIVE—continued

STARTER MOTOR—continued

E27N —11112	...Insulator (starter contact plate)	1945/49		1
E27N —11113	...Screw (starter contact plate fixing)	1945/49		3
E27N —11114	...Bush (starter contact plate fixing screw)	1945/49		3
119188-ES7	...Screw (starter main terminal)	1945/49		1
34846-ES	...Lockwasher	1945/49		1
E27N —11125	...Band (starter cover) assy.	1945/—		1
27161-S	...Screw (band)	1945/—		1
34141-S	...Nut	1945/—		1
E27N —11130	...Plate (starter drive end) assy.	1945/—		1
E27N —11134	...Bracket (starter drive mounting) and bush assy.	1945/—		1
E27N-11390	...Bush (starter drive mounting bracket)	1945/—		1
E27N-11391	...Seal (starter drive oil)	1945/—		1
E27N —11135	...Bush (starter drive end plate)	1945/—		1
E27N —11302	...Cover (starter motor opening)	1945/—	Less starter motor	1
20388-S	...Bolt (cover to block)	1945/—		3
34807-S	...Lockwasher	1945/—		3
E27N —11303-A	...Gasket (starter motor opening cover)	1945/—	Less starter	1
E27N —11303-B	...Gasket (starter motor housing)	1945/—	With starter	1

STARTER DRIVE

†E93A —11353	...Pinion (starter drive) and sleeve assy.	1945/—		1
E27N —11357	...Guide (starter drive pinion retaining spring)	1945/—		1
7W —11359	...Spring (starter drive pinion retaining)	1945/—		1
E27N —11360	...Pin (starter drive shaft)	1945/—		1
E27N —11362	...Collar (starter drive end bearing)	1945/—		1
E27N —11365	...Washer (starter drive pinion retaining)	1945/—		1
E27N-11032	...Washer (starter drive and armature packing)	1945/49		2
7W —11375	...Spring (starter drive main)	1945/—		1
E93A —11386	...Washer (starter drive screw-in sleeve thrust)	1946/—		1
E27N —11389	...Collar (starter drive bearing)	1945/—		1
E27N —11390	...Bush (starter drive mounting bracket)	1945/—		1
E27N —11391	...Seal (starter drive oil)	1945/—		1

† E93A-11353, together with E93A-11386, replace E27N-11353.
□ With starter motor, with or without electric lighting.
△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△□ STARTER SWITCH AND PUSH BUTTON

E27N —11450-A	...Switch (starter motor) assy.—Solenoid	1945/49		1
119167-ES	...Screw (switch to starter motor)	1945/49		4
119658-ES7	...Washer	1945/49		4
E27N —11450-D	...Switch (starter motor) assy.	1949/—		1
26495-S	...Screw (switch to instrument box)	1949/—		3
34051-S7	...Nut	1949/—		3
34801-S	...Lockwasher	1949/—		3
E27N —11453	...Connector (starter switch disc)	1945/49		1
E27N —11465	...Grommet (starter switch terminal)	1945/49		1
E27N —11482	...Plunger (starter switch contact) assy.	1945/49		1
E27N —11484	...Retainer (starter switch contact compensating spring)	1945/49		2
E27N —11485	...Spring (switch contact compensating)	1945/49		1
E27N —11486	...Ring (switch contact retaining)	1945/49		1
E27N —11490	...Washer (starter switch spindle thrust)	1945/49		As req.
E27N —11499	...Cap (starter button)—rubber	1945/49		1
E27N —11500	...Button (starter switch push) assy	1945/49	On instrument panel	1
E62A —11502	...Nut (push button to panel)	1945/49	On instrument panel	1
E62A —11503	...Lockwasher (push button nut)	1945/49	On instrument panel	1
E62A —11504	...Washer (push button nut)	1945/49	On instrument panel	1
E27N —11505	...Washer (starter switch spindle rocking)	1945/49		1
E27N —11506	...Nut (starter switch end bearing)	1945/49		1
E27N —11507	...Nut (switch end bearing lock)	1945/49		1
E27N —11509	...Insulator (starter switch terminal)	1945/49		1
119212-ES	...Nut (starter switch terminal)	1945/49		1
34803-S2	...Lockwasher	1945/49		1
E27N —11529	...Gasket (starter switch)	1949/—		1

△○ LIGHTING SWITCH

E27N —11654-C	...Switch (lighting) assy.	1945/—		1
26512-S2	...Screw	1945/—		2
34842-S7/8	...Lockwasher	1945/—		2

○ With electric lighting (with or without starter motor, 1945/49).
□ With starter motor, with or without electric lighting.
△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△○□ INSTRUMENT PANEL

E27N —11805	...Panel (instrument) assy.	1945/49		1
○E27N-14613-A	Grommet (instrument panel wiring)	1945/49		1
■E27N-14613-B	Grommet (instrument panel wiring)	1945/49		1
E27N —11835	...Cover (instrument panel rear)	1945/49		1
26634-S	...Bolt (cover to panel)	1945/49		4
34054-S	...Nut	1945/49		4
34804-S	...Lockwasher	1945/49		4
■E27N —11837-A	...Plate (switch and horn hole blanking)	1945/—		2
■26466-S	...Bolt (horn plate to panel)	1945/—		4
■34051-S7	...Nut	1945/—		4
■34801-S	...Lockwasher	1945/—		4
■26467-S	...Bolt (switch plate to panel)	1945/49		2
■34052-S	...Nut	1945/49		2
■34842-S	...Lockwasher	1945/49		2
●CE-35184	...Plug (push button hole)	1945/49		1
WOT2—11845 ○	Spacer (ammeter to panel)	1945/—		2
WOT2—11845 ○	Spacer (switch to panel)	1945/—		2
E27N —11845	...Spacer (generator mounting)	1949/—		2
E27N —11849-A	Clip (panel to steering column)	1945/49		1
E27N —11849-A	Clip (box support to column)—upper	1949/—		1
E27N —11849-B	...Clip (box support to column)—lower	1949/—		1
E27N —11852-B	...Box (instrument)	1949/—		1
20325-S2	...Bolt (box to support)	1949/—		1
33782-S7/8	...Nut	1949/—		4
34825-S7/8	...Lockwasher	1949/—		4
E27N —11853-B	...Support (instrument box) assy.	1949/—		1
E27N —11854-B	...Cover (instrument box)	1949/—		1
32914-S	...Screw (cover to box)	1949/—		5
YE —12144-B	...Clip (magneto distributor cover)	1947/—	See Magneto Section	2
YE —12241-B	...Lockwasher (breaker plate screw)	1947/—	See Magneto Section	2
YE —12245	...Washer (breaker plate screw)	1947/—	See Magneto Section	2

△IGNITION

N —12271-B	...Conduit (ignition wire) and brackets assy.	1945/—		1
N —12275-F	...Wire (ignition) assy.—cylinder No. 2	1945/46		1

○ With electric lighting (with or without starter motor, 1945/49).
□ With starter motor, with or without electric lighting.
△ Except Diesel.
● With electric lighting only.
■ With starter motor only.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△ IGNITION—continued

N	—12276-D	Wire (ignition) assy.—cylinder No. 1	1945/46	1
		Wire (ignition) assy.—cylinder No. 2	1947/—	1
N	—12277-F	Wire (ignition) assy.—cylinder No. 3	1945/46	1
		Wire (ignition) assy.—cylinder No. 1	1947/—	1
N	—12278-F	Wire (ignition) assy.—cylinder No. 4	1945/46	1
		Wire (ignition) assy.—cylinder No. 3	1947/—	1
N	—12278-G	Wire (ignition) assy.—cylinder No. 4	1947/—	1
N	—12300-B	Condenser (magneto spark)	1945/46	1
E27N	—12300-A	Condenser (magneto spark)	1947/—	1
N	—12405-E	Plug (sparking)	1945/—	4
18	—12409	Nut (sparking plug terminal)	1945/—	4
B	—12410	Gasket (sparking plug)	1945/—	4
7V	—12425	Cap (sparking plug)	1945/—	4

○ HEADLAMP

E93A	—13005-M	Head lamp assy.—less bulb	1945/—	2
	33836-ES8C	Nut (head lamp swivel bolt)	1945/—	2
E27N	—13007	Bulb (head lamp)	1945/—	2
	E27N-13466	Bulb (head lamp parking)	1945/—	2
E93A	—13016	Catch (head lamp door)	1945/—	2
E93A	—13028-B	Reflector (head lamp) assy.	1945/—	2
E93A	—13043	Door (head lamp) and latch assy.	1945/—	2
WOT1	—13047-B	Bolt (head lamp door latch swivel)	1945/—	2
WOT1	—13050-B	Nut (door latch swivel bolt barrel)	1945/—	2
E93A	—13060-A	Lens (head lamp)	1945/—	12
E93A	—13061	Retainer (head lamp lens)	1945/—	4
YE	—13066-B	Gasket (head lamp lens)	1945/—	2
E93A	—13075-B	Wiring (head lamp) and parking bulb socket assy.	1945/—	2
E62A	—13077	Socket (head lamp bulb) assy	1945/—	2
E93A	—13079	Socket (head lamp parking bulb)	1945/—	6
	119251-ES	Washer (parking bulb socket)	1945/—	2
YE	—13081	Spring (head lamp socket)	1945/—	2
E62A	—13085	Clamp (head lamp socket) assy.	1945/—	2
E93A	—13096	Adaptor (head lamp socket) assy.	1945/—	1
E27N	—13125-B	Bracket (head lamp and horn)—R.H.	1945/—	1
E27N	—13126-B	Bracket (head lamp)—L.H.	1945/—	

○ With electric lighting (with or without starter motor, 1945/49).
△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

○ HEADLAMP—continued

20432-S	Screw (bracket to radiator)	1945/49		2
N-22336	Washer	1945/49		2
20218-S	Screw (bracket to radiator)	1949/—		2
119279-ES2	Washer	1949/—		2
34809-S	Lockwasher	1945/—		2

REAR LAMP AND LICENCE BRACKETS

(Standard Equipment on Industrial Tractor)

E27N	—13407-B	Lamp (rear) and wiring assy.	1945/—	1
	20384-S	Bolt (lamp to trans. bracket)	1945/—	1
	33795-S	Nut	1945/—	1
	34805-S	Lockwasher	1945/—	1
7V	—13408-A	Body (rear lamp) assy.	1945/48	1
7V	—13408-B	Body (rear lamp) assy	1949/—	1
7V	—13434-A	Plate (licence)—blank	1945/—	1
	E27N-5038	Holder (front licence plate)	1945/—	Except Ind. 1
	21520-S7	Bolt (holder to cyl. front cover)	1945/—	Except Ind. 1
	33802-S2	Nut	1945/—	Except Ind. 1
	34808-S2	Lockwasher	1945/—	Except Ind. 1
	YE-5039-C	Holder (rear licence plate)	1945/—	1
7V	—13464	Screw (rear lamp body to base)	1945/—	1
E27N	—13466	Bulb (head lamp parking)	1945/—	2
		Bulb (rear lamp)	1945/—	1
E27N	—13470	Bracket (rear lamp to trans. cover)	1945/—	1
7V	—13512	Clamp (clutch rod retracting spring)	1945/—	With A.C.R. 1
WOT2	—13526	Connector (trailer lamp) and bracket assy.	1945/—	1
†E27N	—13544	Installation (rear lamp)	1945/—	Except Ind. 1

HORN

N	—13802-A	Horn (bulb) assy.	1945/—	L.U. 1
○E27N	—13802-A	Horn and bracket assy.	1945/—	1
○N-21253		Screw (horn to head lamp bracket)	1945/—	1

○ With electric lighting (with or without starter motor, 1945/49).
† For tractors fitted with electric light less rear lamp.

Part No.	Name of Part	Year	Remarks	Qty. Req.

HORN—continued

○	33831-S2	...Nut	1945/—		1
○	34809-S	...Lockwasher	1945/—		1
○	E27N-3616-A	Button (horn push)	1945/—		1
○	26495-S	...Bolt (button to instrument panel)	1945/—		2
○	34051-S	...Nut	1945/—		2
○	34801-S	...Lockwasher	1945/—		2
N	—13805-A	...Bracket (bulb horn)	1945/—	L.U.	1

△ELECTRIC LIGHTING AND STARTER MOTOR INSTALLATIONS

E27N	—14000-J	...Installation (lighting and starter)	1945/—	With rear lamp	1
E27N	—14000-H	...Installation (starter motor)	1945/—		1

△WIRING

□	7V	—14117 ...Wire (ammeter to starter button)	1945/49		1
□	E27N	—14119-B ...Wire (ammeter to starter switch) assy.	1949/—		1
	WOT2	—14121 ...Wire (junction box to earth) assy.	1947/49	With rear lamp	1
	E27N	—14187 ...Wiring (rear lamp socket) assy.	1947/—	With rear lamp	1
◈	E27N	—14201 ...Wire (lighting switch to regulator) assy.	1949/—		1
◈	E27N	—14202-B ...Wire (lighting switch to horn button) assy.	1949/—		1
□	E27N	—14300-B ...Cable (battery to starter switch) assy.	1945/49		1
□	78	—14300 ...Cable (battery to starter switch) assy.	1949/—		1
	E27N	—14301-B ...Connector (battery to ground)	1945/—		1
□	E27N	—14366-B ...Wire (ammeter to regulator) assy.	1949/—		1
■	E27N	—14401-B ...Wiring (main) assy.	1945/49		1
◈	E27N	—14401-C ...Wiring (main) assy.	1945/49		1
●	E27N	—14401-D ...Wiring (main) assy.	1945/49		1
◈	E27N	—14401-F ...Wiring (main) assy.	1949/—		1

□ With starter motor, with or without electric lighting.
○ With electric lighting (with or without starter motor, 1945/49).
● With electric lighting only. ■ With starter motor only.
◈ With electric lighting and starter motor together. △ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△WIRING—continued

E27N	—14405-B	...Wire (rear lamp) assy.	1947/—	With rear lamp	1
E27N	—14408-B	...Conduit (rear lamp wire)	1947/—	With rear lamp	1
□	E27N —14420	...Wiring (generator to regulator) assy.	1949/—		1
E27N	—14424	...Wiring (trailer rear lamp) and adaptor assy.	1947/—	With rear lamp	1
□	E27N —14431	...Cable (starter switch to starter motor)	1949/—		1
E27N	—14438	...Wiring (generator to regulator)	1947/49		1
□	E27N —14442	...Conduit (battery to starter cable) assy.	1945/—		1
B	—14487	...Connector (wiring) and sleeve assy.	1945/—	Snap	as req.
78E	—14487	...Connector (wiring) assy.—4-way	1949/—	Double snap	as req.
○	WOT6 —14535	...Clip (loom to head lamp brackets)	1945/—		8
WOT1	—14538	...Box (junction) assy.—2-way	1947/48	With rear lamp	1
	24662-S	...Bolt (junction box to frame)	1947/48		2
	34052-S	...Nut	1947/48		2
	34802-S	...Lockwasher	1947/48		2

△WIRING CLIPS, SUPPORTS AND GROMMETS

E27N	—14544	...Conduit (main wiring)	1945/—	On fuel tank	1
□	E27N —14545	...Support (cable to dash)	1945/—		1
□	B —14552	...Bush (cable support)—rubber	1945/—		5
B	—14577-A	Clip (head lamp loom to top tank)	1945/—		2
		Clip (rear lamp wire)	1947/48	With rear lamp	6
BBE	—14587-XA	Grommet (rear lamp wire)	1947/48	With rear lamp	1
E27N	—14592-B	...Clip (main wiring conduit to fuel tank)	1945/—		3
E27N	—14593	Clip (rear lamp wiring)	1947/48	With rear lamp	3
		Clip (battery cable to steering)	1945/—		1
N	—14599	Support (main loom to water pump)	1945/—		2
		Support (rear lamp wire)	1947/—	With rear lamp	6
□	7V —14603-A	...Grommet (instrument box)	1949/—		3
B	—14607	...Grommet (dash)	1945/—		1
○	E27N —14613-A	...Grommet (instrument panel wiring)	1945/49		1
■	E27N —14613-B	...Grommet (instrument panel wiring)	1945/49		1
○	E27N —14615-A	...Clip (main loom to steering column)	1945/49		1
○	E27N —14615-B	...Clip (main loom to steering column)	1945/49		1
■	E27N —14615-C	...Clip (main loom to steering column)	1945/—		1
■	E27N —14615-D	Clip (main loom to steering column)	1945/—		1

○ With electric lighting, (with or without starter motor, 1945/49).
□ With starter motor, with or without electric lighting.
■ With starter motor only. △ Except Diesel.

MUDGUARDS

(Items listed in this Section do not apply to Industrial Tractor unless otherwise stated)

Part No.	Name of Part	Year	Remarks	Qty. Req.
E27N —16198-A	Brace (mudguard platform)	1945/48	Except Ind.	1
	Brace (mudguard platform)	1947/—	Ind.	1
E27N —16198-B	...Brace (mudguard platform)	1948/—	Except Ind.	1
20324-S2	...Bolt (brace to platform)	1945/—		7
33795-S2	...Nut	1945/—		7
34805-S2	...Lockwasher	1945/—		7
E27N —16312-C	...Mudguard assy.—R.H.	1945/—		1
△E27N —16313-D	...Mudguard assy.—L.H.	1945/—		1
119185-ES2	...Bolt (mudguard to rear axle)	1945/—	2 req. with H.P.L.	4
119186-ES	...Bolt (mudguard to bracket to axle)	1945/—	With H.P.L.	2
33849-S2	...Nut	1945/—		4
34811-S	...Lockwasher	1945/—		4
E27N —16409	...Clip (canopy frame tie rod)	1949/—	Ind.	2
E27N —16427	...Rod (mudguard to canopy frame tie)	1949/—	Ind.	2
34083-S	...Nut (rod to clip)	1949/—	Ind.	4
34747-S	...Washer	1949/—	Ind.	4
E27N —16463	...Plate (platform mat clamping)	1947/—	Ind.	2
26495-S2	...Bolt (plate to platform)	1947/—	Ind.	6
34051-S	...Nut	1947/—	Ind.	6
34801-S	...Lockwasher	1947/—	Ind.	6
E27N —16464	...Mat (mudguard platform)	1947/—	Ind.	1
E27N —16469-C	...Platform (mudguard) assy.—L.H.	1945/—	With steering brakes	1
E27N —16472-B	...Platform (mudguard)—R.H.	1947/—	Ind.	1
E27N —16472-C	...Platform (mudguard)—R.H.	1945/—		1
E27N —16473-B	...Platform (mudguard)—L.H.	1947/—	Ind.	1
E27N —16473-C	...Platform (mudguard)—L.H.	1945/—	Less steering brakes	1
E27N —16566-C	...Platform (mudguard)—centre	1945/—		1
20348-S	...Bolt (platform to mudguard)	1945/—		6
33799-S	...Nut	1945/—		6
34807-S	...Lockwasher	1945/—		6
26483-S2	...Bolt (centre to R.H. and L.H. platforms)	1945/48		4
20344-S	...Bolt (centre platform to brace)	1948/—		3
33795-S	...Nut	1945/—		4/3
34805-S	...Lockwasher	1945/—		4/3
20046-S	...Bolt (R.H. platform to brace)	1948/—		2
20366-S	...Bolt (L.H. platform to brace to stop)	1948/—		2
33797-S	...Nut	1948/—		4
34826-S	...Lockwasher	1948/—		4
20450-ES	...Screw (platform to trans. housing)	1945/—		6
E27N —16566-B	...Platform (mudguard)—centre	1947/—	Ind.	1
Y —16750	...Catch (back curtain)	1947/—	Ind.	2

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

TOOLS AND STARTING HANDLE

N —17006-A	Box (tool) assy.	1945/48	With H.P.L.	1
	Box (tool) assy.	1948/—	With and less H.P.L.	1
20388-S	...Bolt (tool box to support)	1945/—		2
N-20965	...Bolt (tool box to support)	1945/—		2
33799-S2	...Nut	1945/—		4
34807-S	...Lockwasher	1945/—		4
E27N —17006-A	...Box (tool) assy.	1945/48	Less H.P.L.	1
20488-S	...Screw (box to transmission housing)	1945/48	Less H.P.L.	2
N-22336	...Washer	1945/48	Less H.P.L.	2
34807-S	...Lockwasher	1945/48	Less H.P.L.	2
△N —17007	Support (tool box)	1945/48	With H.P.L.	2
	Support (tool box)	1948/—	With and less H.P.L.	2
N-21264-A	...Screw (support to cylinder head)	1945/—		2
N —17015	...Wrench ($\frac{7}{16}$″ × $\frac{1}{4}$″ nut)	1945/—		1
O1A —17015	...Wrench ($\frac{7}{16}$″ × $\frac{1}{2}$″ hex. open end)	1945/—		1
N —17016	...Wrench ($\frac{7}{16}$″ × $\frac{5}{8}$″ cap screw)	1945/—		1
△N —17017	...Wrench (spark plug)	1945/—		1
N —17019	...Lever (pneumatic wheel rim)—plain end	1945/—	With pneumatics	1
N —17021-A	...Wrench, Westcott	1945/—		1
N —17022-B	...Spanner (magneto)	1945/46		1
△E27N —17022	...Screwdriver (magneto)	1947/—		1
N —17024	...Wrench ($\frac{1}{2}$″ × $\frac{9}{16}$″ cap screw)	1945/—		1
B —17025-A	...Pliers	1945/—		1
N —17029	...Wrench (2$\frac{3}{16}$″ hex.)	1945/—		1
N —17031-A	...Lever (pneumatic wheel rim)—hooked end	1945/—	With pneumatics	1
E27N —17034	Handle (wheel nut wrench)	1945/—	Except pneumatics	1
	Handle (jack)	1945/—	Metallifacture	1
E27N —17035	...Wrench (wheel nut)	1945/—		1
△E27N —17036	...Handle (starting crank) assy.	1945/—		1
△N —17043	...Pin (starting crank handle)	1945/—		1
△N —17044	...Spacer (starting crank)	1945/—		1
E27N —17045-B	...Holder (starting crank)	1945/—		1
†E27N —17048-A	...Cover (tractor) assy.	1945	With electric equipment	1
§E27N —17048-B	...Cover (tractor) assy.	1945/—	With electric equipment	1
†E27N —17049-A	...Cover (tractor) assy.	1945	Less electric equipment	1
△§E27N —17049-B	...Cover (tractor) assy.	1945/—	Less electric equipment	1
N —17052-A	...Pump (tyre) assy.	1945/—	With pneumatics	1
E27N —17052	...Pump (tyre) assy.	1948/—	Sparking plug type	1
N —17061	...Connection (foot pump) assy.	1945/—		1
△N —17067	...Wrench (manifold cover bolt)	1945/—	T.V.O. and gas oil	1
N —17079	...Key (carburettor metering jet)	1945/—		1
E27N —17080-A	...Jack assy.—less handle	1945/—		1
E27N —17081-A	...Handle (jack)	1945/—	Lake and Elliott design	1

△ Except Diesel. † With N-9625-D Air Cleaner. § With E27N-18206 Air Cleaner.

Part No.	Name of Part	Year	Remarks	Qty. Req.

TOOLS AND STARTING HANDLE—continued

E27N	—17081-B	...Handle (jack)	1945/—	Ernest Lake design	1
E27N	—17081-C	...Handle (jack)	1945/—	Suffolk Iron Foundry	1
N	—17125	...Gun (lubricating) assy.	1945/—		1
E27N	—17156	...Spring (starting crank)	1948/—		1
	N-22426	...Washer (starting crank)	1948/—		1
N	—17203	...Spring (tyre pump return)	1945/—		1
N	—17204	...Spring (tyre pump return)	1945/—		1

SPEEDOMETER

(Items listed in this Section apply only when Speedometer is fitted unless otherwise stated)

E27N	—17250-A	...Speedometer installation	1945/—	With lighting or starter	1
E27N	—17250-B	...Speedometer installation	1945/—	Less lighting and starter	1
E27N	—17255	...Speedometer (head) assy.	1945/—		1
E27N	—17260	...Shaft (speedometer) and casing assy.	1945/—		1
E27N	—17263	...Bracket (speedometer head)	1945/—		1
	20310-S	...Bolt (bracket to battery platform)	1945/—		2
	34806-S	...Lockwasher	1945/—		2
N	—17263	...Bracket (speedometer head extension)	1945/—	Less lighting and starter	1
E27N	—17264-B	...Support (speedometer shaft and casing)	1945/—		1
	20308-S	...Bolt (support to adaptor bracket)	1945/—		1
	34707-S	...Washer	1945/—		1
E27N	—17271	...Gear (speedometer driven)	1945/—		1
E27N	—17273	...Shaft (speedometer driven gear)	1945/—		1
N	—17278	...Plug (coupler speedometer hole)	1947/—	Ind.	1
E27N	—17283	...Bush (speedometer adaptor bracket)	1945/—		1
E27N	—17285	...Gear (speedometer driving)	1945/—		1
E27N	—17287	...Washer (speedometer thrust)—inner	1945/—		1
E27N	—17289	...Washer (speedometer thrust)—outer	1948/—		1
E27N	—17295	...Bracket (speedometer) and adaptor assy.	1945/—		1

WINDSCREEN WIPER

(Industrial Tractor only)

E27N	—17504-A	...Motor (wiper) assy.	1947/—		1
CE	—17515-A	...Grommet (windscreen wiper)	1947/—		1
E27N	—17528	...Blade (windscreen wiper)	1947/—		1

Part No.	Name of Part	Year	Remarks	Qty. Req.

WINDSCREEN WIPER—continued

(Industrial Tractor only)

7Y	—17529-B	...Arm (windscreen wiper)	1947/—		1
E27N	—17538	...Tube (windscreen wiper)—on manifold	1947/—		1
A	—17540	Connector (rear axle lubricating tube)	1947/—		2
		Connector (manifold tube to motor)	1947/—		1
B	—17542-A	Nut (lubricating tube union)	1947/—		4
		Nut (wiper tube union)	1947/—		1
E27N	—17554	...Tube (windscreen wiper to dash)	1947/—		1

REAR VIEW MIRROR

BE	—17723	...Mirror (rear view) assy.	1945/—		1
E27N	—17745	...Bracket (rear view mirror)	1945/—	L.U.	1
	YE-976430-D	...Bracket (rear view mirror)	1947/—	Ind.	1
	33782-S	...Nut	1945/—		1
	34805-S4	...Lockwasher	1045/—		1

AIR CLEANER

△E27N	—18205-A	..Cleaner (oil air)—complete with air inlet and outlet pipes	1946/—		1
E27N	—18206-A	...Cleaner (oil air) assy.	1946/—		1
E27N	—18228	...Pipe (air cleaner inlet)	1946/—		1
	BE-8287-B	...Clamp (air inlet pipe to air cleaner)	1946/—		1
△E27N	—18229-A	...Pipe (air cleaner to carb. or vaporiser)	1946/—		1
	N-9438	...Felt	1946/—		2
	N-9439-A	...Retainer (felt)	1946/—		2
E27N	—18238	...Clamp (air inlet pipe)	1946/—		1
	20085-S	...Bolt (clamping)	1946/—		1
	33782-S	...Nut	1946/—		1
	20471-S	...Bolt (clamp to dash)	1946/—		1
	33802-S	...Nut	1946/—		1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

AIR CLEANER—continued

34808-S	...Lockwasher	1946/—		1
E27N —18243-A	...Bath (air cleaner oil) assy.	1946/—	3½" deep	1
E27N —18243-B	...Bath (air cleaner oil) assy.	1948/—	4¼" deep	1
E27N —18244	...Clamp (air cleaner bracket)	1946/—		1
31145-S	...Bolt (clamping)	1946/—		1
33797-S2	...Nut	1946/—		1

RADIATOR BLIND

E27N —18690-B	...Blind (radiator) assy.	1945/—		1
N —18691-B	...Canvas (radiator blind)	1945/—		1
N —18693	...Slide (radiator blind)—lower	1945/—		1
E27N —18693	...Slide (radiator blind)—upper	1945/—		1

△GOVERNOR

N —19050-B	...Control (governor throttle) assy.	1945/—		1
N —19074	...Housing (governor throttle shaft) assy.	1945/—		1
N —19080	...Shaft (governor throttle control) assy.	1945/—		1
34028-S	...Nut (lever to shaft)	1945/—		1
72003-S	...Cotter	1945/—		1
N —19085-B	...Support (governor throttle housing)	1945/—		1
20028-S2	...Screw (throttle housing support)	1945/—		1
34747-S7	...Washer	1945/—		1
34807-S	...Lockwasher	1945/—		1
N —19090	...Lever (governor throttle shaft) and ball assy.	1945/—		1
N-19238	...Spring (throttle shaft lever)	1945/—		1
N —19094	...Ball (governor throttle shaft lever)	1945/—		1
	...Ball (throttle control lever)	1947/—	Ind.	2
N —19097	...Ball (governor operating lever)	1945/—		1
N —19150	...Governor assy.	1945	Use with E27N-19195-A	1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△GOVERNOR—continued

E27N —19150	...Governor assy.	1945/—	Use with E27N-19195-B	1
20358-S	...Bolt (governor to cyl. front cover)	1945/—		4
N-6018	...Gasket (governor to cyl. front cover)	1945/—		1
N —19155	...Housing (governor) and lever assy.	1945	With offset control rod	1
E27N —19155	...Housing (governor) and lever assy.	1945/—	With straight control rod	1
N —19161	...Body (governor) assy.	1945/—		1
N —19162	...Bush (governor operating shaft)	1945/—		2
N —19163	...Washer (governor operating shaft)	1945/—		1
N —19164	...Seal (governor housing)	1945/—		1
74127-S	...Plug (housing expansion)	1945/—		1
N —19165	...Weight (governor) and shaft assy.	1945/—		1
N-23788	...Pin (governor weight)	1945/—		1
N-22154	...Washer (governor weight pin)	1945/—		2
72004-S	...Cotter	1945/—		2
N —19172-B	...Pin (governor weight thrust)	1945/—		2
N —19173	...Bush (governor weight)	1945/—		4
N —19185	...Cam (governor)	1945/—		1
N —19190-B	...Rod (governor throttle control) assy.—coupling	1945/—		1
E27N —19195-A	...Rod (governor control) and ratchet assy.	1945	Offset	1
E27N —19195-B	...Rod (governor control) and ratchet assy.	1945/—	Straight	1
N —19202	...Stop (governor control rod ratchet)	1945/—		1
20344-S	...Bolt (stop to dash extension bracket)	1945/—		1
33795-S2	...Nut	1945/—		1
34805-S	...Lockwasher	1945/—		1
N —19210-A	...Bracket (governor control rod)	1945	Petrol and T.V.O. Offset rod	1
N —19210-C	...Bracket (governor control rod)	1945	Gas oil Offset rod	1
E27N —19210	...Bracket (governor control rod)	1945/—	Straight rod	1
N —19211	...Block (governor control rod connecting)	1945/—		1
34746-S	...Washer (governor control rod block)	1945/—		1
72004-S	...Cotter	1945/—		1
N —19225	...Shaft (governor operating)	1945/—		1
73735-S	...Pin (operating shaft to levers)	1945/—		2
N —19228	...Lever (governor operating)	1945/—		1
N —19232-A	...Fork (governor operating) with pin	1945/—		1
N-23770	...Pin (stepped)	1945/—		2
73661-S	...Pin (fork to shaft)	1945/—		1
N —19236	...Lever (manual control operating)	1945	With E27N-19195-A	1
E27N —19236	...Lever (manual control operating)	1945/—	With E27N-19195-B	1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△ GOVERNOR—continued

	73735-S	...Pin	1945/—		1
N	—19238	...Spring (governor throttle shaft lever)	1945/—		1
N	—19240	...Plate (governor thrust)	1945/—		1
N	—19245	...Bearing (governor thrust)	1945/—		1
N	—19248	...Plunger (governor spring)	1945/—		1
N	—19250	...Spring (governor)	1945/—		1
N	—19252	...Sleeve (governor sliding)	1945/—		1
N	—19254	...Ring (governor stop)	1945/—		1
N	—19256	...Shaft (governor)	1945/—		1

△ MAGNETO

E27N	—19502-B	...Magneto and impulse coupling assy.	1945/—		1
	20388-S	...Bolt (magneto to bracket)	1945/—		4
	34807-S	...Lockwasher	1945/—		4
N	—19506-A	...Rod (spark control)	1945/—		1
	72003-S	...Cotter (spark control rod)	1945/—		2
E27N	—19507-A	...Handle (spark control)	1945/—	Except Ind.	1
E27N	—19507-B	...Handle (spark control)	1947/—	Ind.	1
	N-9709-B	...Spring (spark control handle)	1945/—		1
	N-19511	...Retainer (spring)	1945/—		1
	N-23665	...Pin (spring retainer)	1945/—		1
N	—19508-D	...Support (spark control handle)	1945/—		1
		...Support (throttle control rod)	1947/—	Ind.	1
N	—19509-C	...Lever (spark control handle)	1945/—		1
	61453-S	...Rivet (spark control rod lever)	1945/—		1
N	—19511	...Retainer (spark control handle spring)	1945/—		1
		...Retainer (throttle control rod spring)	1947/—	Ind.	2
N	—19553	...Felt (magneto arrester plate)	1945/—		1
N	—19568	...Gear (magneto) and shaft assy.	1945/—		1
N	—19569	...Gear (magneto)	1945/—		1
	74174-S	...Key (magneto gear)	1945/—		1
N	—19571-A	...Coupling (magneto gear)	1945/—		1
	74172-S	...Key (magneto coupling)	1945/—		1
N	—19572	...Shaft (magneto)	1945/—		1
	N-20718	...Screw (magneto gear shaft)	1945/—		1
	N-22208	...Washer	1945/—		1
	34846-S	...Lockwasher	1945/—		1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

△ MAGNETO—continued

N	—19575	...Bracket (magneto) with bush assy.	1945/—		1
	20410-S	...Bolt (bracket to cylinder front cover)	1945/—		2
	34808-S	...Lockwasher	1945/—		2
	20432-S	...Bolt (bracket to cylinder)	1945/—		2
	34809-S	...Lockwasher	1945/—		2
N	—19577	...Bush (magneto bracket)	1945/—		2
N	—19578	...Gasket (magneto bracket)	1945/—		2
N	—19580-A	...Disc (magneto driving)	1945/—		1
N	—19654	...End (armature condenser)	1945/46		1
N	—19655	...Stud (breaker and distributor cover post)	1945/46		3
N	—19656	...Washer (distributor gear wheel to bearing bush)	1945/46		1
N	—19657	...Washer (distributor gear wheel spindle end)	1945/46		1
N	—19659	...Screw (rotor arm to celeron gear)	1945/46		1
N	—19661	...Screw (timing cage stop)	1945/46		1
N	—19662	...Cover (drive end) assy.	1945/46		1
N	—19663	...Screw (drive end cover fixing)	1945/46		2
N	—19664	...Bolt (drive end cover fixing)	1945/46		1
N	—19665	...Felt (drive end cover)	1945/46		1
N	—19666	...Flap (oil) assy.	1945/46		1
E27N	—19666	...Cover (lubricator) assy.	1947/—		1
	AB-303/9-A	...Screw (cover fixing)	1947/—		1
N	—19667	...Spring (oil flap)	1945/46		1
N	—19668	...Gauze and rim	1945/46		2
N	—19669	...Screw (pick-up fixing)	1945/46		2
N	—19670	...Washer (pick-up fixing screw)	1945/46		2
E27N	—19670	...Screw (magneto lubricating)	1947/—		1
N	—19671	...Ring (slip)	1945/46		1
E27N	—19671	...Screw (lubricator ventilating) and wick assy.	1947/—		1
N	—19672	...Washer (slip ring)	1945/46		As req.
N	—19673	...Washer (oil thrower)	1945/46		1
N	—19674	...Washer (oil thrower spring)	1945/46		1
N	—19676-B	...Collar (armature distance)—drive end	1945/46		1
N	—19677	...Washer	1945/46		As req.
N	—19678	...Washer (bearing cup insulating)	1945/—		2
N	—19679	...Gear (armature)	1945/46		1
N	—19680	...Nut (armature lock)	1945/46		1
N	—19681	...Collar (armature condenser end)	1945/46		1
E27N	—19682	...Coil (magneto) assy.	1947/—		1
	AB-302/12-A	...Screw (coil fixing)	1947/—		2
	AB-605/6-A	...Screw (coil earth lead)	1947/—		1
	119291-ES	...Washer	1947/—		1

△ Except Diesel.

△MAGNETO—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
N —19683	...End (armature driving)	1945/46		1
N —19684	...Plate (condenser insulating)	1945/46		1
N —19685	...Piece (condenser insulating)	1945/46		1
N —19686	...Bolt (armature)	1945/46		2
N —19687	...Screw (condenser fixing)	1945/46		2
N-12300-B	...Condenser (magneto spark)	1945/46		1
N —19688	...Washer (rotor arm to celeron gear screw)	1945/46		1
N —19689	...Housing (contact breaker) assy.	1945/46		1
E27N —19689	...Housing (contact breaker) assy.	1947/—		1
AB-302/12-A	...Screw (housing to body)	1947/—		4
N —19690	...Strip (contact breaker housing felt)	1945/46		1
E27N —19690	...Strip (contact breaker housing felt)	1947/—		1
N —19691	...Washer (cover spring post locking)	1945/46		3
E27N —19692	...Cam (magneto timing)	1947/—		1
N —19693	...Wick (timing cam felt)	1945/46		1
N —19694	...Brush and spring—for timing cover	1945/46		1
N —19695	...Rivet (lever retaining spring fixing)	1945/46		1
N —19696	...Screw (contact breaker spring to base)	1945/46		1
N —19697	...Washer (fibre)	1945/46		1
N —19698	...Ring (spring)—distributor gear	1945/46		1
N —19699	...Bush (rotor bearing)	1945/46		1
N —19700	...Cam (timing) and felt assy.	1945/46		1
N —19701-B	...Plate (impulse coupler driving and pawl trip) assy.	1945/—		1
N —19702-B	...Nut (impulse coupler fastening)	1945/—		1
N-22209-B	...Washer	1945/—		1
N —19705-B	...Spring (interrupter lever holding)	1945/46		1
N —19706-B	...Spring (contact breaker operating)—set	1945/46		1
N —19709-B	...Washer (interrupter holding spring)	1945/46		1
N —19710-B	...Bush (interrupter centre)	1945/46		1
N —19711-B	...Brush (interrupter grounding) and spring	1945/46		1
N —19712-B	...Wheel (distributor gear) with spindle	1945/46		1
E27N —19712	...Rotor (distributor) and gear assy.	1947/—		1
N —19713-B	...Rotor (distributor) with electrode	1945/46		1
N —19714-B	...Plate (distributor)	1945/46		1
E27N —19714	...Cover (distributor) assy.	1947/—		1
N —19715-B	...Screw (distributor cable fastening)	1945/46		4
E27N —19715	...Screw (distributor cable fastening)	1947/—		4
N —19717-B	...Breaker (contact) assy.	1945/46		1
N —19719-B	...Plate (contact block insulating)—main	1945/46		1
E27N —19719	...Plate (distributor support) assy.	1947/—		1
AB-602/12-A	...Screw (support plate fixing)	1947/—		2

△ Except Diesel.

△MAGNETO—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
119296-ES	...Washer	1947/—		2
N —19722-B	...Bush (contact block insulating)	1945/46		1
N —19723-B	...Screw (contact block fastening)	1945/46		1
E27N —19723	...Screw (distributor cover ventilating)	1947/—		1
E27N —19724	...Washer (contact breaker spring pillar inner)	1947/—		1
N —19725-B	...Washer (contact block)	1945/46		1
N —19726-B	...Washer (contact block fixing screw)	1945/46	Celeron	1
N —19727-B	...Washer (contact block fixing screw)	1945/46	Brass	1
N —19728-B	...Screw (contact breaker centre)	1945/46		1
E27N —19728	...Screw (contact breaker stop)	1947/—		2
N —19732-B	Nut (adjustable contact screw)	1945/46		1
	Nut (L.T. lead to condenser)	1947/—		1
34902-S	...Washer (shakeproof)	1947/—		1
E27N-12300	...Condenser (magneto spark)	1947/—		1
AB-604/6-A	...Screw (condenser fixing)	1947/—		1
34901-S2	...Washer (shakeproof)	1947/—		1
N —19735-B	...Screw (breaker spring on lever fixing)	1945/46		1
E27N —19735	...Screw (contact breaker cover fixing)	1947/—		2
N —19736-B	...Holder (collector brush) assy.	1945/46		1
N —19739-B	...Brush (collector) and spring—vertical	1945/46		1
N —19739-C	...Brush (collector) and spring—horizontal	1945/46		1
E27N —19739	...Brush (magneto) and spring assy.	1947/—		1
N —19740-B	...Brush (grounding) with holding screw	1945/46		1
N —19741-B	...Brush (grounding) and spring	1945/46		1
N —19742-B	...Cover (breaker housing) assy.	1945/46		1
E27N —19742	...Cover (breaker housing) assy.	1947/—		1
N —19743-B	...Screw (brush and spring assy to end cap)	1945/46		1
N —19744-B	...Terminal (short circuiting spring)	1945/46		1
N —19745-B	...Post (breaker cover) and spring	1945/46		1
N —19745-C	...Post (distributor plate) and spring	1945/46		2
N —19746-C	...Armature assy.—less bearings	1945/46		1
N —19747-B	...Bearing (armature ball) assy.	1945/—		2
N —19749-B	...Pawl (impulse coupler)	1945/—		2
N —19750-B	...Pivot (impulse coupler pawl)	1945/—		1
N —19754-B	...Arm (spark control) and band assy.	1945/46		1
E27N —19754	...Lever (magneto timing) assy.	1947/—		1
N —19755-C	...Screw (spark control arm fastening)	1945/46		1
E27N —19755	...Screw (magneto timing lever fixing)	1947/—		1
119212-ES	...Nut	1947/—		1
34939-S2	...Lockwasher	1947/—		1
N —19756-B	...Spring (impulse coupling)—inner and outer	1945/—		1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.
	△MAGNETO—continued			
N —19757-B	...Cover (impulse coupler dust)	1945/—		1
N —19759	...Contact set assy.	1945/46		1
E27N —19759	...Contact set assy.	1947/—		1
N —19762	...Ring (impulse coupling jump)	1945/—	·200″ inside dia.	2
N —19763	...Washer (impulse coupler pawl)	1945/—		2
N —19764	...Strip (fibre) between impulse springs	1945/—		1
N —19765	...Ring (impulse coupling jump)	1945/—	·906″ inside dia.	1
N —19766	...Ring (impulse coupling jump)	1945/—	1·000″ inside dia.	1
N —19767	...Screw (impulse coupling cover fixing)	1945/—		2
N —19768-C	...Screw (impulse coupling stop ring fixing)	1945/—		2
N —19769	...Starter (impulse) assy.—complete	1945/—		1
E27N —19770	...Screw (cam fixing)	1947/—		1
E27N —19771	...Washer (cam fixing screw)	1947/—		1
E27N —19814	...Armature (magneto) assy.	1947/—		1
E27N —19816	...Gear (rotor driving)	1947/—		1
74172-S	...Key	1947/—		2
E27N —19820	...Collar (bearing spacing)—drive end	1947/—		1
E27N —19822	...Collar (gear spacing)—contact end	1947/—		1
E27N —19824	...Felt (contact breaker cam lubricating)	1947/—		1
E27N —19825	...Washer (breaker cam lubricating felt)	1947/—		1
E27N —19851	...Connector (L.T. point to condenser)	1947/—		1
E27N —19862	...Lever (crank) and spindle assy.	1947/—		1
E27N —19865	...Plate (contact breaker)	1947/—		1
N —19879	...Stop (impulse coupling trip lever)	1945/—		1
E27N —19881	...Ring (crank lever and spindle jump)	1947/—		1
E27N —19882-A	...Shim (contact breaker housing)—·005″	1947/—		As req.
E27N —19882-B	...Shim (contact breaker housing)—·003″	1947/—		As req.
E27N —19883	...Washer (rotor support plate shaft)—fibre	1947/—		1
E27N —19942	...Body (magneto) assy.	1947/—		1
YE-12144-B	...Clip (distributor cover to body)	1947/—		2
72025-S	...Cotter (clip to body)	1947/—		2
E27N —19954	...Breaker (contact) assy.	1947/—		1
AB-602/4-A	...Screw (contact breaker plate fixing)	1947/—		2
YE-12245	...Washer	1947/—		2
YE-12241-B	...Lockwasher	1947/—		2
E27N —19964	...Bush (contact breaker earthing spark)	1947/—		1
E27N —19965	...Spring (breaker earthing spark bush)	1947/—		1
	...Spring (breaker cam lubricating felt)	1947/—		1
E27N —19966	...Seat (earthing spark bush spring)	1947/—		1
	...Seat (cam lubricating felt spring)	1947/—		1
E27N —19968	...Washer (contact breaker pivot pin)	1947/—		1
351260-S	...Washer (contact breaker pivot pin)	1947/—		1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.
	△MAGNETO—continued			
YE-12245	...Washer (contact breaker pivot pin)	1947/—		As req.
E27N —19969	...Washer (contact breaker pivot pin)—inner	1947/—		1
72000-S	...Cotter (contact breaker pivot pin)	1947/—		1
E27N —19970	...Bush (contact breaker spring pillar)	1947/—		2
119200-ES	...Nut (contact breaker spring pillar)	1947/—		1
34751-S	...Washer	1947/—		1
34901-S2	.. Lockwasher (shakeproof)	1947/—		1
E27N —19971	...Bush (H.T. wire insulating)	1947/—	In breaker housing	1
E27N —19972	...Washer (H.T. wire insulating bush)	1947/—		1
E27N —19973	...Washer (magneto body felt)	1947/—		1
	DASH			
△CE —35184	...Plug (starter push button hole)	1945/—	With lighting only	1
E27N —35328-C	...Dash assy.	1945/—	Except Ind.	1
E27N —35328-D	...Dash assy.	1947/—	Ind.	1
N —35329	...Lining (dash)	1945/—		2
E27N —35335-A	...Bracket (dash extension) assy.	1945	With E27N-19195-A	1
E27N —35335-B	...Bracket (dash extension) assy.	1945/—	With E27N-19195-B	1
20471-S	...Bolt (bracket to dash)	1945/—		2
33802-S	...Nut	1945/—		2
34808-S	...Lockwasher	1945/—		2
E27N —35342	...Plate (governor rod retainer)	1945/—		1
	SEAT			
E27N —36120-A	...Spring (seat) assy.	1945/—	Less H.P.L.	1
21044-S	...Screw (spring to transmission housing)	1945/—	Less H.P.L. Also Ind.	2
34761-S	...Washer	1945/—	Also Ind.	2
34810-S	...Lockwasher	1945/—	Also Ind.	2
E27N —36120-B	...Spring (seat) assy.	1945/—	With H.P.L.	1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

SEAT—continued

21008-S	...Screw (spring to H.P.L. pump)	1945/—	With H.P.L.	2
E27N —36120-C	...Spring (seat) assy.	1947/—	Ind.	1
E27N —36150-A	...Seat assy.	1945/—	Except Ind.	1
E27N —36150-B	...Seat assy.	1947/—	Ind.	1
118951-ES	...Bolt (seat to spring)	1945/—		2
33831-S4	...Nut	1945/—		2
34709-S	...Washer	1945/—		2
34809-S	...Lockwasher	1945/—		2

PULLEY

(All items listed in this Section apply only when pulley is fitted)

△N —115050-D	Pulley and drive gear assy.—complete	1945/—	Less clutch	1
△N —115050-E	Pulley and drive gear assy.—complete	1945/—	With clutch	1
N —115051-D	Hub (pulley drive) assy.	1945/—		1
N —115060-A	Bush (pulley drive)	1945/—		1
N-21943	...Nut (bush to shaft)	1945/—		1
N-22393	...Washer	1945/—		1
72053-S	...Cotter	1945/—		1
N —115065-A	Housing (pulley drive gear)	1945/—	Less clutch	1
N —115065-B	Housing (pulley drive gear)	1945/—	With clutch	As req.
N-7166-A	...Gasket (housing to transmission)	1945/—		1
20432-S	...Screw (housing to transmission)	1945/—		5
353026-S7	...Lubricator (pulley drive shaft)	1945/—		1
N —115066	...Gear (pulley drive) and bushing assy.	1945/—	With clutch	1
N-21943	...Nut (gear to shaft)	1945/—		1
N-1195	...Washer (pulley drive gear thrust)	1945/—		1
72053-S	...Cotter	1945/—		1
N —115067-A	Gear (pulley drive)	1945/—	Less clutch	1
N —115068	...Shaft (pulley drive gear)	1945/—	With clutch	1
N —115069-A	Bearing (pulley drive gear)	1945/—	Less clutch	1
N —115069-B	Bearing (pulley drive gear)	1945/—	With clutch	1
N-7065-B	...Bearing (pulley drive gear) assy.—outer	1945/—		1
N —115080-B	Retainer (pulley drive grease) assy.	1945/—		1
△N —115090-A	Handle (pulley drive gear shifter)	1945/—	With clutch	1
51-2639	...Pin (handle to lever)	1945/—		1
72004-S	...Cotter	1945/—		1
N —115091-A	Shifter (pulley drive gear)	1945/—	With clutch	1
N —115093-A	Lever (pulley drive gear shifter)	1945/—	With clutch	1

△ Except Diesel.

Part No.	Name of Part	Year	Remarks	Qty. Req.

PULLEY—continued

(All items listed in this Section apply only when pulley is fitted)

72264-S	...Pin (shifter lever)	1945/—		1
N —115094	...Block (pulley drive gear shifter)	1945/—	With clutch	1
N —115095-A	Spring (pulley drive gear shifter)	1945/—	With clutch	1
	Spring (transmission brake shaft return)	1945/—	With and less pulley	1
N —115096	...Ring (pulley drive gear shifter lock)	1945/—	With clutch	1
E27N —810389	...Gaiter (gear shift lever)	1947/—	Ind.	1
YE —976430-D	..Bracket (rear view mirror)	1947/—	See " Rear View Mirror " Section	1

HYDRAULIC POWER LIFT

LIFTING ARMS

E27N —994607	...Washer (H.P.L. pump cross shaft)	1945/—		2
E27N —994609	...Bush (H.P.L. pump lifting arm)	1945/—		4
E27N —994620	...Arm (H.P.L. pump lifting) assy.—R.H.	1945/—		1
E27N —994621	...Arm (H.P.L. pump lifting) assy.—L.H.	1945/—		1
20353-S	...Screw (arm to shaft)	1945/—		2
34809-S	...Lockwasher	1945/—		2

PUMP AND DRIVE ASSEMBLIES

♯E27N —994651-A	..Pump (H.P.L.) and drive assy.	1948/—	Less toolbox support	1
●E27N —994651-C	..Pump (H.P.L.) and drive assy.	1948/—	Less toolbox support	1
♯E27N —994653-A	..Pump (H.P.L.) and drive assy.	1945/48	Incl. toolbox support	1
●E27N —994653-C	..Pump (H.P.L.) and drive assy.	1945/48	Incl. toolbox support	1

DRIVE

♯E27N —994652-A	.Drive (H.P.L. pump) assy.—complete	1945/—	For single lever pump	1
♯E27N —994652-B	.Drive (H.P.L. pump) assy.—complete	1945/—	For double lever pump	1
●E27N —994652-C	.Drive (H.P.L. pump) assy.—complete	1945/—	For single lever pump	1
●E27N —994652-D	.Drive (H.P.L. pump) assy.—complete	1945/—	For double lever pump	1
E27N —994654	...Housing (H.P.L. pump drive) assy.	1945/—		1
20170-S	...Screw (housing to trans. housing)	1945/—		1
34808-S	...Lockwasher	1945/—		1
20472-S	...Screw (housing to trans. housing)	1945/—		6
34809-S	...Lockwasher	1945/—		6
N-3517-A	...Bush (housing)—front	1945/—		1
N-7259-A	...Bush (housing)—rear	1945/—		1

♯ 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.

HYDRAULIC POWER LIFT—continued

DRIVE—continued

N-6016	...Plug (expansion)	1945/—		2
N-7262	...Retainer (shifter shaft oil)	1945/—		1
BB-4686	...Retainer (drive shaft oil)	1945/—		1
□E27N —994666-A	..Shaft (H.P.L. pump drive coupling)	1945/—		1
■E27N —994666-B	..Shaft (H.P.L. pump drive coupling)	1945/—		1
N-7261	...Ring (coupling shaft lock)	1945/—		1
N-7257	...Washer (coupling shaft)—front	1945/—		1
B-7071	...Washer (coupling shaft)—rear	1945/—		1
N-7254	...Gear (H.P.L. pump drive)	1945/—		1
E27N —994669-A	Support (H.P.L. idler shaft)—front	1945/—	Type 4·3 trans.	1
E27N —994669-B	Support (H.P.L. idler shaft)—front	1945/—	Type 7·7 trans.	1
E27N —994670-A	Support (H.P.L. idler shaft)—rear	1945/—	Type 4·3 trans.	1
E27N —994670-B	Support (H.P.L. idler shaft)—rear	1945/—	Type 7·7 trans.	1
33973-S	...Nut (idler shaft support)	1945/—		2
72053-S	...Cotter	1945/—		2
N-7281	...Shaft (H.P.L. pump drive idler)	1945/—		1
E27N —994671	...Lever (H.P.L. pump drive throw-out)	1945/—		1
N-7271	...Bush (throw-out lever)	1945/—		1
73931-S	...Pin (throw-out lever to shaft clevis)	1945/—		1
72009-S	...Cotter	1945/—		1
20388-S	...Screw (throw-out lever to housing)	1945/—		1
34707-S	...Washer	1945/—		1
34807-S	...Lockwasher	1945/—		1
E27N —994672-A	Gear (H.P.L. pump drive idler) assy.	1945/—	4·3 trans. 26 teeth	1
E27N —994672-B	Gear (H.P.L. pump drive idler) assy.	1945/—	7·7 trans. 23 teeth	1
BB-7259	...Bush (idler gear)	1945/—		2
N-7266	...Shaft (H.P.L. pump drive shifter)	1945/—		1
BB-7272	...Spring (shifter shaft ball)	1945/—		1
119810-ES	...Ball (shifter shaft)	1945/—		1
353055-S5	...Plug (shifter shaft ball)	1945/—		1
□E27N —994674-A	..Cover (pump drive coupling shaft)	1945/—		2
■E27N —994674-B	..Cover (pump drive coupling shaft)	1945/—		2
E62A-9628	...Clip (coupling shaft cover)	1945/—		2

PUMP (SINGLE LEVER CONTROL)

E27N —994676	...Housing (pump rotor) assy.	1945/—	Includes rotor	1
WB-106/11-A	...Bolt (housing to pump casing)	1945/—		9
SW-112	...Lockwasher	1945/—		9
E27N-994665	...Rotor (H.P.L. pump)	1945/—		1
E27N —994681	...Gasket (rotor housing)	1945/—		1
E27N —994683-A	Coupling (pump drive shaft)	1945/48	See "Coupling" Section following	1
E27N —994683-B	Coupling (pump drive shaft)	1948/—	See "Coupling" Section following	1

□ With single-lever control pump. ■ With double-lever control pump

Part No.	Name of Part	Year	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—continued

PUMP (SINGLE LEVER CONTROL)—continued

E27N —994684-A	Coupling (pump drive coupling shaft)	1945/—	See "Coupling" Section following	1
E27N —994684-B	.Coupling (pump drive coupling shaft)	1945/—	See "Coupling" Section following	1
E27N —994689-A	Washer (pump rotor thrust)—·1235"	1945/—		1
E27N —994689-B	Washer (pump rotor thrust)—·1239"	1945/—		1
E27N —994689-C	Washer (pump rotor thrust)—·1243"	1945/—		1
E27N —994692	...Piston (pump ram cylinder)	1945/—		1
E27N —994693	...Gland (pump piston)	1945/—		1
E27N —994695-B	Retainer (pump piston gland)	1945/—		1
WB-105/3-A	...Screw (retainer to piston)	1945/—		1
E27N —994700	...Housing (pump impellor) assy.	1945/—	Includes impellors	1
E27N —994701-A	..Seal (rotor housing oil)	1945/—		1
E27N —994706	...Roller (pump impellor)	1945/—		3
E27N —994710	...Gasket (pump valve body)	1945/—		1
E27N —994711-B	Body (pump valve) assy.	1945/—		1
E27N —994712	...Ring (pump valve body sealing)	1945/—		1
E27N —994715-A	Valve (pump by-pass)	1945/47		1
E27N —994716	...Tappet (pump by-pass valve)	1945/—		1
E27N —994717-A	Spring (pump by-pass valve)	1945/—		1
E27N —994718	...Adjuster (pump by-pass valve spring)	1945/—		1
E27N —994719	...Washer (by-pass adjuster lock)	1945/—		1
E27N —994722-B	Plunger (pump release valve) assy.	1945/—		1
E27N —994723	...Spring (pump release valve)	1945/—		1
E27N —994725	...Screw (release valve plunger adj.)	1948/—	In E27N-994722-B	1
E27N —994726	...Locknut (plunger adj. screw)	1948/—	In E27N-994722-B	1
E27N —994727-B	Column (high pressure feed) assy	1945/—		1
E27N —994728	...Gland (high pressure feed column)	1945/—		1
E27N —994729	...Ring (high pressure feed column sealing)	1945/—		1
E27N —994730	...Washer (H.P. feed column sealing ring)	1945/—		1
E27N —994731-A	..Plug (pump filler and H.P. feed column)	1945/—		2
E27N —994732	...Washer (H.P. feed column plug)	1945/—		1
E27N —994733	...Washer (pump filler plug)	1945/—		1
E27N —994740-A	Plug (pump valve body)	1945/47		1
E27N —994740-B	Plug (pump valve body)	1947/—		1
E27N —994741-A	Valve (pump release)	1945/47		1
E27N —994741-B	Valve (pump release and by-pass)	1947/—		2
E27N —994742	...Piston (pump cut-out)	1945/—		1
119581-ES	...Nut (cut-out piston)	1945/—		1
E27N —994743	...Spring (pump cut-out piston)	1945/—		1
E27N —994744	...Plug (pump cut-out piston)	1945/—		1
E27N —994745	...Washer (pump cut-out piston spring)	1945/—		1
E27N —994746	...Retainer (pump cut-out piston spring)	1945/—		1
E27N —994748	...Plunger (pump neutral catch)	1945/—		1
E27N —994749	...Spring (pump neutral catch plunger)	1945/—		1
E27N —994752	...Stud (pump valve body)	1945/—		8
FN-106-K	...Nut	1945/—		8
SW-112	...Lockwasher	1945/—		8

HYDRAULIC POWER LIFT—continued

PUMP (SINGLE LEVER CONTROL)—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
E27N —994758	...Cylinder (pump ram)	1945/—		1
E27N —994759	...Retainer (pump ram cylinder)	1945/—		1
E27N —994760	...Gland (pump ram cylinder)	1945/—		1
E27N —994763	...Filter (pump fluid return) assy.	1945/—		1
E27N —994769-C	..Rod (piston to crank arm connecting)	1945/—		1
E27N —994770-A	..Pin (connecting rod to crank arm)	1945/—		1
E27N —994771-C	Arm (pump crank)	1945/—		1
E27N —994774-A	Shaft (pump cross)	1945/—		2
E27N —994775	...Pin (pump cross shaft retaining)	1945/—		2
E27N —994777-A	Bush (pump cross shaft)	1945/—		4
E27N —994781-A	Casing (pump) and bush assy	1945/—	Cast Iron	2
E27N —994781-D	..Casing (pump) and bush assy	1948/—	Alloy	1
20472-S	...Screw (pump to trans. top cover)	1945/—		6
WOT1-10134	...Washer	1945/—		6
353026-S7/8	...Lubricator	1945/—		2
E27N —994783-C	Cover (pump rear)	1945/—		1
WB-106/9-A1	...Bolt (cover to casing)	1945/47		7
WB-106/5-A1	...Bolt (cover to casing)	1947/—		7
SW-112	...Lockwasher	1945/—		6
E27N —994784-A	Gasket (pump rear cover)	1945/—		1
E27N —994786-D	Washer (rear cover drain screw)	1945/—	Aluminium	1
E27N —994789-B	Filter (pump main) assy.	1945/—		1
E27N —994790	...Seal (pump main filter)	1945/—		1
E27N —994793	...Cover (pump main filter)	1945/—		1
E27N —994794-B	Cover (pump side)	1945/—		1
WB-106/11-A1	Bolt (filter and side cover to casing)	1945/47		16
	Bolt (filter cover to casing)	1947/—		8
WB-106/5-A1	...Bolt (side cover to casing)	1947/—		8
FW-106-A	...Washer (plain)	1945/—		16
SW-112	...Lockwasher	1945/—		16
E27N —994795	...Gasket (pump side cover)	1945/—		2
†E27N —994800-B	Shaft (pump control)	1945/—		1
74174-S	...Key (shaft to hand lever)	1945/—		1
E27N —994801-A	Bracket (pump control shaft bearing)	1945/—	With E27N-994781-A	1
WB-105/8	...Bolt (bracket to casing)	1945/—		6
E27N —994801-B	Bracket (pump control shaft bearing)	1948/—	With E27N-994781-D	1
WB-106/9-A1	...Bolt (bracket to casing)	1948/—		3
E27N —994802-A	Gasket (control shaft bearing bracket)	1945/—	With E27N-994781-A	1
E27N —994802-B	Gasket (control shaft bearing bracket)	1948/—	With E27N-994781-D	1
E27N —994804	...Seal (pump control shaft)	1945/—		1
E27N —994805	...Retainer (pump control shaft seal)	1945/—		1
E27N —994809-C	Lever (pump control shaft hand)	1945/—		1
119559-ES	...Nut (lever to shaft)	1945/—		1

† When replacing control shaft fitted 1945/48 order also E27N-994722-B, E27N-994812/3.

HYDRAULIC POWER LIFT—continued

PUMP (SINGLE LEVER CONTROL)—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
FW-109-A	...Washer	1945/—		1
E27N —994810	...Knob (pump control shaft hand lever)	1945/47		1
34907-S	...Washer (shakeproof)	1945/47		1
E27N —994811	...Peg (control hand lever)	1948/—		1
E27N —994812	...Spring (control hand lever)	1948/—		1
E27N —994813	...Piece (hand lever spring backing)	1948/—		1
E27N —994814	...Stop (pump control shaft hand lever)	1945/—		1
119589-ES	...Nut (lock)	1945/—		1

PUMP (DOUBLE LEVER CONTROL)—Serial Number over 6000

E27N —994701-D	.Seal (pump drive shaft oil)	1945/—		1
E27N —994715-C	.Valve (pump by-pass)	1945/—		1
E27N —994717-C	.Spring (pump by-pass valve)	1945/—		1
E27N —994720	...Washer (pump by-pass valve)	1945/—		1
E27N —994731-C	.Cap (pump filler)	1945/—		1
E27N —994754	...Casing (pump) assy.	1945/—		1
20472-S	...Bolt (pump to trans. top cover)	1945/—		6
M-100502-C	...Fluid (pump)	1945/—		As req.
E27N —994757-A	.Strongback (pump casing to top cover)	1945/—		1
118901-ES	...Screw (strongback to casing)	1945/—		4
E27N —994769-D	.Rod (piston to crank arm connecting)	1945/—		1
E27N —994770-C	.Pin (connecting rod to crank arm)	1945/—		1
E27N —994771-D	.Arm (pump crank)	1945/—		1
E27N —994774-C	.Shaft (pump cross)	1945/—		1
E27N —994777-C	.Bearing (pump cross shaft)	1945/—		4
E27N —994783-D	.Cover (pump rear)	1945/—		1
118806-ES	...Screw (cover to casing)	1945/—		10
SW-110	...Lockwasher	1945/—		10
E27N —994784-C	.Gasket (pump rear cover)	1945/—		1
E27N —994785-C	.Plug (pump drain)	1945/—		4
E27N —994786-D	..Washer (cylinder plug screw)	1945/—		7
E27N —994791-A	.Spacer (pump cross shaft)	1945/—		2
E27N —994822	...Washer (pump spherical bearing)	1949/—		1
E27N —994840	...Bush (pump front casing)	1945/—		1
E27N —994851-B	..Mushroom (pump moving) assy.	1945/—	Includes push rods and plungers	1
E27N —994857 B	..Key (pump moving mushroom)	1945/—		2
E27N —994858-B	..Screw-pin (moving mushroom key)	1945/—		2
E27N —994859-B	..Washer (moving mushroom screw pin)	1945/—		2
E27N —994860-B	..Circlip (pump moving mushroom)	1945/—		1
E27N —994861	...Washer (control handle spacing)	1948		1
E27N —994862-B	..Mushroom (pump fixed) assy.	1945/—		1
118805-ES	...Screw (fixed mushroom to cylinder)	1945/—		3
E27N —994865-B	..Casing (pump front) assy.	1945/—		1
118806-ES	...Screw (casing to cylinder)	1945/—		8
E27N —994866	...Gasket (front casing)	1945/—		2

Part No.	Name of Part	Year	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—continued

PUMP (DOUBLE LEVER CONTROL)—continued—Serial Number over 6000

E27N —994867-C	.Cylinder (pump) assy.—complete	1945/—	Includes rotary valve	1
118806-ES	...Screw (cylinder to casing)	1945/—		4
118807-ES	...Screw (cylinder to casing)	1945/—		2
118808-ES	...Screw (cylinder to casing)	1945/—		2
SW-110	...Lockwasher	1945/—		8
AB-600/4-A	...Screw (cylinder hole plug)	1945/—		7
E27N —994872-C	..Seal (pump cylinder " O " ring)	1945/—		1
E27N —994873-B	..Valve (pump discharge)	1945/—		2
E27N —994874-B	..Guide (pump discharge valve)	1945/—		2
E27N —994875-B	..Spring (pump discharge valve)	1945/—		2
E27N —994876-B	..Washer (pump discharge valve guide)	1945/—		2
E27N —994877-B	..Cap (pump by-pass)	1945/—		1
E27N —994878-B	..Guide (pump by-pass spring)	1945/—		1
E27N —994880-B	..Pip (pump by-pass)	1945/—		1
E27N —994881-B	..Washer (pump by-pass cap)	1945/—		2
E27N —994882-B	..Shim (pump by-pass spring)	1945/—	·032″	1
E27N —994882-C	..Shim (pump by-pass spring)	1945/—	·048″	1
E27N —994883-B	..Gasket (pump cylinder)	1945/—		1
E27N —994886-B	..Coupling (pump rotary valve)	1945/—		1
E27N —994888-B	..Cover (pump top)	1945/—		1
118901-ES	...Screw (top cover to strongback)	1945/—		2
E27N —994889-B	..Gasket (top cover)	1945/—		1
E27N —994890	...Plug (cylinder)—tapered	1945/—		1
E27N —994891-B	..Lever (lift control)	1945/—		1
72257-ES	...Pin (lever to actuating crank)	1945/—		1
BB-7213	...Knob (control lever)	1945/—		1
E27N —994892-C	..Bush (control actuating cranks)	1947/—	Split	2
E27N —994893-B	..Plunger (pump control levers)	1945/—		2
E27N —994894-B	..Housing (pump control lever plunger)	1945/—		2
E27N —994895-B	..Pin (knock-out link tension spring)	1945/—		1
E27N —994896-B	..Spring (pump control lever plunger)	1945/—		2
E27N —994897-B	..Gate (lift control lever)	1945/—		1
FS-106/4-S2	...Screw (gate to casing)	1945/—		2
34807-S	...Lockwasher	1945/—		2
E27N —994898	...Valve (rotary) assy.	1945/—		1
E27N —994899-B	..Lever (jack control)	1945/—		1
72257-ES	...Pin (lever to actuating crank)	1945/—		1
BB-7213	...Knob (control lever)	1945/—		1
E27N —994900-B	..Spring (jack control lever tension)	1945/—		1
E27N —994901-B	..Gate (jack control lever) assy.	1945/—		1
FS-106/4-S2	...Screw (gate to casing)	1945/—		2
34807-S	...Lockwasher	1945/—		2
E27N —994902	...Guard (jack control lever)	1945/—		1
E27N —994903	...Screw (jack control lever guard)	1945/—		1
E27N —994904-B	..Block (pump knock-out link pivot)	1945/—		1
72242-ES	...Pin (pivot block to casing)	1945/—		1

Part No.	Name of Part	Year	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—continued

PUMP (DOUBLE LEVER CONTROL)—continued—Serial Number over 6000

E27N —994905-B	..Link (pump knock-out)	1945/—		1
E27N —994906-B	..Spring (pump knock-out link tension)	1945/—		1
E27N —994907-B	..Pin (pump knock-out link pivot)	1945/—		1
351303-S	...Washer (pivot pin)	1945/—		1
E27N —994908-B	..Link (pump control actuating crank)	1945/—		2
E27N —994909-B	..Link (pump knock-out link connecting)	1945/—		1
E27N —994911-B	..Pin (pump valve rod clevis)	1945/—		2
34703-S	...Washer (link pin and clevis pin)	1945/—		6
E27N —994913-B	..Screw-pin (jack control stop)	1945/—		1
E27N —994916-B	..Filter (pump) and tube assy.	1945/—		1
E27N —994918-B	..Spring (suction valve sealing cap)	1945/—		2
E27N —994919-B	..Screw-pin (knock-out link connecting link)	1945/—		1
E27N —994922-B	..Rod (pump valve) and clevis assy.	1945/—		2
E27N —994924	...Pin (filter retaining)	1945/—		1
E27N —994925-C	..Washer (pump cross shaft seal) assy.	1945/—		2
E27N —994928-B	..Crank (jack control actuating) assy.	1945/—		1
E27N —994929-B	..Crank (lift control actuating) assy.	1945/—		1
E27N —994934-B	..Bearing (pump moving mushroom) assy.	1945/—	Spherical	1
E27N —994936	...Piston (ram cylinder) and rings assy.	1945/—		1
E27N —994938-B	..Ring (ram cylinder piston)	1945/—		3
E27N —994939-B	..Shaft (pump drive)	1945/—	" Z " shaft	1
E27N —994940-B	..Bush (fixed mushroom)	1945/—		1
E27N —994941	...Circlip (pump drive shaft)	1945/—		1
E27N —994943	...Washer (pump drive shaft)	1945/—		1
E27N —994945	...Plug (cylinder suction post)	1945/—		2
E27N —994946	...Washer (cylinder suction post plug)	1945/—		2
E27N —994949	...Bush (spherical bearing)	1945/—		1
E27N —994985	...Dipstick assy	1945/—		1

COUPLING

E27N-994683-A	Coupling (pump drive shaft)	1945/48		1
73353-ES	...Pin (coupling to pump drive shaft)	1945/48		1
E27N-994683-B	.Coupling (pump drive shaft)	1948/—		1
119473-ES	...Pin (coupling to pump drive shaft)	1948/—		1
E27N-994684-A	Coupling (pump drive coupling shaft)	1945/—	Standard	1
E27N-994684-B	Coupling (pump drive coupling shaft)	1945/—	$\frac{1}{8}$″ O.S. length	1

LINKAGE FOR REAR MOUNTED IMPLEMENTS

E27N —995106	...Bracket (trailer)	1946/—		1
E27N —995152	...Box (levelling) and bush assy	1946/—		1
353043-A-S7	...Lubricator	1946/—		1
E27N —995155	...Collar (levelling box pinion)	1946/—		1
E27N —995156	...Bracket (levelling box pinion bearing)	1946/—		1
20344-S	...Screw	1946/—		3

HYDRAULIC POWER LIFT—continued

LINKAGE FOR REAR MOUNTED IMPLEMENTS—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
34805-S	...Lockwasher	1946/—		3
E27N —995157	...Lever (levelling box)	1946/—		1
60551-S	...Rivet (lever to pinion)	1946/—		1
E27N —995159-B	Gear (levelling box)	1946/—		1
7V-3123-B	...Bearing (levelling box gear)	1946/—		1
E27N —995161	...Bush (levelling box)	1946/—		1
E27N —995164	...Knuckle (levelling box)	1946/—		1
E27N —995165	...Pin (levelling box knuckle)	1946/—		1
E27N —995168	...Plug (levelling box expansion)	1946/—		1
E27N —995170	...Chain (H.P.L. lower link safety) assy.	1945/—		2
60540-S	...Rivet (chain clip to lower link)	1945/—		4
E27N —995174-A	Installation (pump, drive and linkage)	1945/46	See following Sections "Installations" and "Conversions"	1
E27N —995174-B	Installation (pump, drive and linkage)	1945/46		1
E27N —995174-C	Installation (pump, drive and linkage)	1945/46		1
E27N —995174-D	Installation (pump, drive and linkage)	1945/46		1
E27N —995175	...Conversion kit (chain to rod lift)	1945/46		1
E27N —995176-A	Conversion kit (chain to rod lift)	1945/46		1
E27N —995176-B	Conversion kit (chain to rod lift)	1945/46		1
E27N —995177-A	Installation (pump, drive and linkage)	1946		1
E27N —995177-B	Installation (pump, drive and linkage)	1946		1
E27N —995177-C	Installation (pump, drive and linkage)	1946		1
E27N —995177-D	Installation (pump, drive and linkage)	1946		1
E27N —995177-E	Installation (pump, drive and linkage)	1947/48		1
E27N —995177-F	Installation (pump, drive and linkage)	1947/48		1
E27N —995177-G	Installation (pump, drive and linkage)	1947/48		1
E27N —995177-H	Installation (pump, drive and linkage)	1947/48		1
E27N —995177-J	Installation (pump, drive and linkage)	1948/—		1
E27N —995177-K	Installation (pump, drive and linkage)	1948/—		1
E27N —995178-A	Conversion kit (chain to rod lift)	1946		1
E27N —995178-B	Conversion kit (chain to rod lift)	1946		1
△E27N —995179-A	Bracket (check chain anchor)—R.H.	1945/46		1
E27N —995179-B	Bracket (check chain anchor)—R.H.	1946/—		1
△E27N —995180-A	Bracket (check chain anchor)—L.H.	1945/46		1
E27N —995180-B	Bracket (check chain anchor)—L.H.	1946/—		1
FWB-110/11-D	Screw (bracket to rear axle housing)	1945/—		4
34811-S	...Lockwasher	1945/—		4
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 cnain 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

△ Use only with lower link support brackets attached to rear axle housing.

HYDRAULIC POWER LIFT—continued

LINKAGE FOR REAR MOUNTED IMPLEMENTS—continued

Part No.	Name of Part	Year	Remarks	Qty. Req.
PT2A-799	...Nut (eyebolts to anchor bracket and lower link)	1945/—		4
72081-S	...Cotter	1945/—		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/—	Less E27N-995230-B	1
□E27N —995200-D	..Installation (H.P.L. rear linkage)	1945/48	Incl. E27N-995230-B	1
■E27N —995200-E	..Installation (H.P.L. rear linkage)	1945/48	Incl. E27N-995230-B	1
§E27N —995200-F	...Installation (H.P.L. rear linkage)	1948/—	With A.C.R.	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/—	With A.C.R.	1
21038-S	...Bolt (bracket to support)	1945/—		4
33850-S	...Nut	1945/—		4
34811-S	...Lockwasher	1945/—		4
E27N —995207-B	Pinion (levelling box)	1946/—		1
34003-S	...Nut (lower link to bracket)	1946/—		2
72090-S	...Cotter	1946/—		2
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 —995220	...Link (H.P.L.) and ball assy.—lower—R.H.	1945/—		1
E27N —995221	...Link (H.P.L.) and ball assy.—lower—L.H.	1945/—		1
E27N —995225	...Linch pin (lower link), clip, chain and ring assy.	1945/—		2
60540-S	...Rivet (clip to lower link)	1945/—		4
△E27N —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	For welding to drawbar	2
△E27N —995231	...Bracket (H.P.L. lower link support)—L.H.	1945/46		1
△21080-S	...Screw (brackets to rear axle housing)	1945/46		8
△34810-S	...Lockwasher	1945/46		8
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

□ 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).

△ 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.

Part No.	Name of Part	Year	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—continued

LINKAGE FOR REAR MOUNTED IMPLEMENTS—continued

△E27N —995234	...Blind nut (H.P.L. lower link shaft)	1945/46		2
△34814-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
	Pin (H.P.L. lifting rod knuckle)	1946/—		3
E27N —995284	...Tommy bar (H.P.L. upper link body)	1945/—		1
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 —995291	...Plate (H.P.L. lower link shaft locking)	1945/46		2
△20529-S	...Bolt (plate to bracket)	1945/46		2
△33786-S	...Nut	1945/46		2
△34807-S	...Lockwasher	1945/46		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
◈E27N —995296	...Chain (H.P.L. lifting) assy.	1945/46		2
◈E27N —995298	...Shackle (H.P.L. lifting chain)—upper	1945/46		2
◈E27N —995299	...Shackle (H.P.L. lifting chain)—lower	1945/46		2

△ Use only with lower link support brackets attached to rear axle housing.
◈ Use only with chain lift.

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-995200-F, together with E27N-994651-A/C or E27N-994653-A/C.

LINKAGE CONVERSIONS—CHAIN TO ROD LIFT

For ploughing up to 8 ins. deep

All Tractors E27N-995175 Consists of R.H. and L.H. Telescopic Rods
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.

HYDRAULIC POWER LIFT—continued

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		
♯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		
♯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		
♯E27N-995177-C	Installation (pump, drive and linkage)	...1946	Tractors with adjustable drawbar and P.T.O.	1
●E27N-995177-D	Installation (pump, drive and linkage)	...1946		
♯E27N-995177-E	Installation (pump, drive and linkage)	...1947/48	Tractors less P.T.O.	1
●E27N-995177-F	Installation (pump, drive and linkage)	...1947/48		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		1
♯E27N-995177-J	Installation (pump, drive and linkage)	...1948/—		1
●E27N-995177-K	Installation (pump, drive and linkage)	...1948/—		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		
□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		

AUTOMATIC CLUTCH RELEASE

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

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-S	...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
73926-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/—		2
E27N —995388	...Plug (A.C.R. cyl. rear cover air bleed)	...1945/—		1
E27N —995390	...Washer (A.C.R. cyl. rear cover air bleed plug)	.....1945/—		1

For Part Nos. 995400 to 995475 see next Section

E27N —995851	...Piston (A.C.R. cylinder)	.....1945/—		1
89427-S	...Screw (piston to piston rod)	.....1945/—		1
E27N —995853	...Seal (A.C.R. cylinder piston)	.....1945/—		1
E27N —995855	...Spring (A.C.R. cyl. filler valve)	.....1945/—		1
E27N —995856	...Cover (A.C.R. cyl. front)	.....1945/—		1
20390-S	...Screw (cover to cylinder)	.....1945/—		4
34808-S	...Lockwasher	.....1945/—		4
E27N —995858	...Seal (A.C.R. cyl. piston rod)	.....1945/—		1
E27N —995859	...Seal (A.C.R. cyl. front cover)	.....1945/—		1
E27N —995860	...Adjuster (A.C.R. cyl. relief valve spring)	1945/—		1
E27N —995861	...Piston (A.C.R. cyl. relief valve spring adj.)	1945/—		1
E27N —995862	...Seal (A.C.R. cyl. spring adjuster piston)	...1945/—		1
E27N —995864	...Valve (A.C.R. cyl. relief) assy.	.....1945/—		1
353076-S	...Ball (A.C.R. cyl. relief valve)	.....1945/—		1
E27N —995867	...Spring (A.C.R. cyl. relief valve)	.....1945/—		1
E27N —995868	...Cover (A.C.R. cylinder rear)	.....1945/—		1
20390-S2	...Screw (rear cover to cylinder)	.....1945/—		4
34808-S	...Lockwasher	.....1945/—		4
E27N —995869	...Cover (A.C.R. cylinder top)	.....1945/—		1
20324-S	...Screw (top cover to cylinder)	.....1945/—		6
34805-S	...Lockwasher	.....1945/—		6

Part No.	Name of Part	Year	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—continued

AUTOMATIC CLUTCH RELEASE—continued

E27N —995872	...Cage (A.C.R. cyl. filler valve)	1945/—		2
353080-S	...Ball (filler valve)	1945/—		2
E27N —995875	...Cylinder (automatic clutch release)	1945/—		1
20300-S	...Screw (fluid level adjuster)	1945/—		1
BE-9357	...Washer	1945/—		1
E27N —995876	...Lock nut (H.P.L. upper link)—rear	1945/—		1
E27N-995271	...Lock nut (H.P.L. upper link)—front	1945/—		1
E27N —995877	...Body (H.P.L. upper link)	1945/—		1
E27N-995203-C	Bracket (H.P.L. upper link support)	1945/—		1
E27N —995880	...Plate (A.C.R. cyl. filler valve spring)	1945/—		1
E27N —995881	...Plate (A.C.R. cylinder attachment)	1945/—		1
20410-S	...Screw (plate to cyl. front cover)	1945/—		1
34808-S	...Lockwasher	1945/—		1
E27N —995885	...Link (H.P.L. upper rear) and ball assy.	1945/—		1
E27N —995886	...Rod (A.C.R. cyl. piston) and ball assy.	1945/—		2
E27N —995887	...Gasket (A.C.R. cyl. top cover)	1945/—		1
E27N —995890	...Washer (A.C.R. cyl. top cover filler bolt)	1945/—		1
20352-S	...Bolt (A.C.R. cyl. top cover filler)	1945/—		1
E27N —995891	...Plate (A.C.R. cyl. baffle)	1945/—		1
E27N —995892	...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-D	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
FWB-108/13-D	Bolt (brackets to channel)	1945/—		12
WN-108-K	...Nut	1945/—		12
E27N-995425	...Washer	1945/—		12

Part No.	Name of Part	Year	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—continued

LINKAGE FOR FRONT MOUNTED POTATO COVERER—continued

34809-S	...Lockwasher	1945/—		12
E27N —995419	...Pin (front mounted linkage)	1945/—		6
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/—		12
E27N —995426	...Bracket (linkage channel front support)	1945/—		1
FWB-112/14-D	Bolt (bracket to front cylinder cover)	1945/—		4
34813-S	...Lockwasher	1945/—		4
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/—		2
PT2A-1112	...Pin (clevis)	1945/—		4
72064-S	...Cotter	1945/—		4
†E27N —995443	...Clevis (tension link)—adjustable	1945/47		2
E27N —995451	...Link (lower lifting) assy.	1945/—		2
E27N-995419	...Pin (link to bracket)	1945/—		2
E27N-995424	...Washer	1945/—		4
72090-S	...Cotter	1945/—		4
E27N —995456	...Pin (lower lifting link to potato coverer)	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
E27N —995463	...Pin (upper lifting link to potato coverer)	1945/—		2
E27N-995217	...Linch pin	1945/—		4

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

Part No.	Name of Part	Year	Remarks	Qty. Req.

HYDRAULIC POWER LIFT—continued

LINKAGE FOR FRONT MOUNTED POTATO COVERER—continued

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/—		6
E27N —995471	...Spacer (lower lifting link guide bracket)	1945/—		2
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/—		4
E27N-995424	...Washer	1945/—		4
72090-S	...Cotter	1945/—		

For Part Nos. 995851 **to** 995892 **see previous Section**

BODY

(Industrial Tractor only)

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

Part No.	Name of Part

STANDARD PARTS.

FN-104-K	... $\frac{1}{4}$" B.S.F. hex. nut
WB-105/3-A	... $\frac{5}{16}$" Whit. × $\frac{3}{8}$" hex. head bolt
WB-105/8	... $\frac{5}{16}$" Whit. × 1" hex. head bolt
FN-105-K	... $\frac{5}{16}$" B.S.F. hex. nut
FS-106/4-S2	... $\frac{3}{8}$" B.S.F. × $\frac{1}{2}$" hex. head screw
WB-106/5-A1	... $\frac{3}{8}$" Whit. × $\frac{5}{8}$" hex. head bolt
FB-106/9-B	... $\frac{3}{8}$" B.S.F. × $1\frac{1}{8}$" hex. head bolt
WB-106/9-A1	... $\frac{3}{8}$" Whit. × $1\frac{1}{8}$" hex. head bolt
WB-106/11-A1	... $\frac{3}{8}$" Whit. × $1\frac{3}{8}$" hex. head bolt
FN-106-K	... $\frac{3}{8}$" B.S.F. hex. nut
FW-106-A	... $\frac{3}{8}$" plain washer
FWB-108/10-D	... $\frac{1}{2}$"—12 Whit. × $1\frac{1}{4}$" special hex. head bolt
FWB-108/13-D	... $\frac{1}{2}$"—12 Whit. × $1\frac{5}{8}$" special hex. head bolt
FN-108-K	... $\frac{1}{2}$" B.S.F. hex. nut
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. × $1\frac{3}{8}$" special hex. head bolt
FWB-110/13-D	... $\frac{5}{8}$"—11 Whit. × $1\frac{5}{8}$" special hex. head bolt
FWB-110/20-D	... $\frac{5}{8}$"—11 Whit. × $2\frac{1}{2}$" special hex. head bolt
SW-110	... $\frac{5}{16}$" lockwasher
FWB-112/14-D	... $\frac{3}{4}$"—10 Whit. × $1\frac{3}{4}$" special hex. head bolt
FWB-112/19-D	... $\frac{3}{4}$"—10 Whit. × $2\frac{3}{8}$" special head hex. bolt
FWB-112/26-D	... $\frac{3}{4}$"—10 Whit. × $3\frac{1}{4}$" special hex. head bolt
WN-112-K	... $\frac{3}{4}$" Whit. hex. nut
SW-112	... $\frac{3}{8}$" lockwasher
WN-114-K	... $\frac{7}{8}$" Whit. hex. nut
SW-205	... $\frac{5}{32}$" double spring washer
FN-206-K	... $\frac{3}{8}$" B.S.F. lock nut
AB-302/12-A	...No. 2 B.A. × $\frac{3}{4}$" flat countersunk head bolt
AB-303/9-A	...No. 3 B.A. × $\frac{9}{16}$" flat countersunk head bolt
FFB-504/8-A1	... $\frac{1}{4}$" B.S.F. × $\frac{1}{2}$" special round head bolt
AB-600/4-A	...No. 0 B.A. × $\frac{1}{4}$" cheese head bolt
AB-600/6-A	...No. 0 B.A. × $\frac{3}{8}$" cheese head bolt
AB-602/4-A	...No. 2 B.A. × $\frac{1}{4}$" cheese head bolt
AB-602/12-A	...No. 2 B.A. × $\frac{3}{4}$" cheese head bolt
AB-604/6-A	...No. 4 B.A. × $\frac{3}{8}$" cheese head bolt
AB-605/6-A	...No. 5 B.A. × $\frac{3}{8}$" cheese head bolt
20028-S2	... $\frac{3}{8}$"—16 × $\frac{5}{8}$" hex. head bolt
20046-S	... $\frac{5}{16}$"—18 × $\frac{3}{4}$" hex. head bolt
20049-S	... $\frac{3}{8}$"—24 × $\frac{3}{4}$" hex. head bolt
20055-S	... $\frac{1}{4}$"—28 × $\frac{13}{16}$" hex. head bolt
20085-S	... $\frac{1}{4}$"—28 × 1" hex. head bolt
20088-S	... $\frac{3}{8}$"—16 × 1" hex. head bolt
20130-S	... $\frac{7}{16}$"—14 × $1\frac{1}{4}$" hex. head bolt
20170-S	... $\frac{7}{16}$"—14 × $1\frac{1}{2}$" hex. head bolt
20189-S7	... $\frac{3}{8}$"—24 × $1\frac{1}{2}$" hex. head bolt

Part No.	Name of Part

STANDARD PARTS—continued

20218-S	... $\frac{1}{2}$"—13×1$\frac{7}{8}$" hex. head bolt
20229-S	... $\frac{3}{8}$"—24×2$\frac{1}{8}$" hex. head bolt
20300-S	... $\frac{1}{4}$"—20× $\frac{3}{8}$" hex. head bolt
20306-S2	...$\frac{5}{16}$"—18× $\frac{7}{16}$" hex. head bolt
20308-S	... $\frac{1}{4}$"—20× $\frac{1}{2}$" hex. head bolt
20310-S	...$\frac{5}{16}$"—18× $\frac{1}{2}$" hex. head bolt
20319-S	...$\frac{5}{16}$"—24× $\frac{9}{16}$" hex. head bolt
20324-S	... $\frac{1}{4}$"—20× $\frac{5}{8}$" hex. head bolt
20325-S	... $\frac{1}{4}$"—28× $\frac{5}{8}$" hex. head bolt
20327-ES	...$\frac{5}{16}$"—24× $\frac{5}{8}$" special hex. head bolt
20344-S	... $\frac{1}{4}$"—20× $\frac{3}{4}$" hex. head bolt
20345-S	... $\frac{1}{4}$"—28× $\frac{3}{4}$" hex. head bolt
20348-S	... $\frac{3}{8}$"—16× $\frac{3}{4}$" hex. head bolt
20352-S	... $\frac{1}{2}$"—13× $\frac{3}{4}$" hex. head bolt
20353-S	... $\frac{1}{2}$"—20× $\frac{3}{4}$" hex. head bolt
20357-S2	...$\frac{5}{16}$"—24×$\frac{13}{16}$" hex. head bolt
20358-S	... $\frac{3}{8}$"—16×$\frac{13}{16}$" hex. head bolt
20360-S	...$\frac{7}{16}$"—14×$\frac{13}{16}$" hex. head bolt
20362-S	... $\frac{1}{2}$"—13×$\frac{13}{16}$" hex. head bolt
20366-S2	...$\frac{5}{16}$"—18× $\frac{7}{8}$" hex. head bolt
20377-S2	...$\frac{5}{16}$"—24×$\frac{15}{16}$" hex. head bolt
20378-S	... $\frac{3}{8}$"—16×$\frac{15}{16}$" hex. head bolt
20384-S	... $\frac{1}{4}$"—20×1" hex. head bolt
20386-S	...$\frac{5}{16}$"—18×1" hex. head bolt
20388-S	... $\frac{3}{8}$"—16×1" hex. head bolt
20390-S	...$\frac{7}{16}$"—14×1" hex. head bolt
20398-S7	... $\frac{3}{8}$"—16×1$\frac{1}{16}$" hex. head bolt
20406-S	...$\frac{5}{16}$"—18×1$\frac{1}{8}$" hex. head bolt
20407-S2	...$\frac{5}{16}$"—24×1$\frac{1}{8}$" hex. head bolt
20410-S	...$\frac{7}{16}$"—14×1$\frac{1}{8}$" hex. head bolt
20412-S	... $\frac{1}{2}$"—13×1$\frac{1}{8}$" hex. head bolt
20420-S	...$\frac{7}{16}$"—14×1$\frac{3}{16}$" hex. head bolt
20430-S	...$\frac{7}{16}$"—14×1$\frac{1}{4}$" hex. head bolt
20432-S	... $\frac{1}{2}$"—13×1$\frac{1}{4}$" hex. head bolt
20450-ES	...$\frac{7}{16}$"—14×1$\frac{3}{8}$" hex. head bolt
20451-S	...$\frac{7}{16}$"—20×1$\frac{3}{8}$" hex. head bolt
20470-S	...$\frac{7}{16}$"—14×1$\frac{1}{2}$" hex. head bolt
20471-S	...$\frac{7}{16}$"—20×1$\frac{1}{2}$" hex. head bolt
20472-S	... $\frac{1}{2}$"—13×1$\frac{1}{2}$" hex. head bolt
20488-S	... $\frac{3}{8}$"—16×1$\frac{5}{8}$" hex. head bolt
20492-S	.... $\frac{1}{2}$"—13×1$\frac{5}{8}$" hex. head bolt
20494-S	... $\frac{1}{4}$"—20×1$\frac{11}{16}$" hex. head bolt
20508-ES	...$\frac{7}{16}$"—14×1$\frac{3}{4}$" hex. head bolt
20509-S2	...$\frac{7}{16}$"—20×1$\frac{3}{4}$" hex. head bolt
20510-S	... $\frac{1}{2}$"—13×1$\frac{3}{4}$" hex. head bolt
20517-S	...$\frac{7}{16}$"—20×1$\frac{7}{8}$" hex. head bolt
20517-ES	...$\frac{7}{16}$"—20×1$\frac{7}{8}$" special hex. head bolt

Part No,	Name of Part

STANDARD PARTS—continued

20518-S2	... $\frac{1}{2}$"—13×1$\frac{7}{8}$" hex. head bolt
20708-S	...$\frac{9}{16}$"—12×1$\frac{1}{2}$" hex. head bolt
20728-S	... $\frac{5}{8}$"—11×1$\frac{5}{8}$" hex. head bolt
20798-ES	...$\frac{9}{16}$"—12×2$\frac{1}{2}$" hex. head bolt
21008-S	...$\frac{9}{16}$"—12×1$\frac{1}{2}$" hex. head bolt
21010-S	... $\frac{5}{8}$"—11×1$\frac{1}{2}$" hex. head bolt
21026-S	...$\frac{9}{16}$"—12×1$\frac{5}{8}$" hex. head bolt
21038-S	... $\frac{3}{8}$"—18×1$\frac{11}{16}$" hex. head bolt
21044-S	...$\frac{9}{16}$"—12×1$\frac{3}{4}$" hex. head bolt
21047-S2	... $\frac{5}{8}$"—18×1$\frac{7}{8}$" hex. head bolt
21055-S	... $\frac{5}{8}$"—11×1$\frac{7}{8}$" hex. head bolt
21062-S	...$\frac{9}{16}$"—12×2" hex. head bolt
21080-S	...$\frac{9}{16}$"—12×2$\frac{1}{4}$" hex. head bolt
21083-S	... $\frac{5}{8}$"—18×2$\frac{1}{4}$" hex. head bolt
21089-S	...$\frac{9}{16}$"—12×2$\frac{3}{8}$" hex. head bolt
21100-S	... $\frac{5}{8}$"—11×2$\frac{1}{2}$" hex. head bolt
21119-S	... $\frac{5}{8}$"—18×3" hex. head bolt
21282-S	...$\frac{5}{16}$"—18× 2$\frac{3}{4}$" hex. head bolt—wire size body
21490-S	... $\frac{1}{4}$"—28× 1$\frac{7}{8}$" hex. head bolt—wire size body
21520-S7	...$\frac{7}{16}$"—20× 2$\frac{1}{4}$" hex. head bolt—wire size body
21545-S2	... $\frac{1}{4}$"—20×2$\frac{3}{4}$" hex. head bolt
22016-S	... $\frac{1}{2}$"—20× 2$\frac{3}{4}$" hex. head bolt—wire size body
22298-S	... $\frac{1}{2}$"—20×2$\frac{1}{8}$" hex. head bolt (end drilled)
22391-S	... $\frac{3}{4}$"—16×4" hex. head bolt (end drilled)
22451-S	... $\frac{3}{4}$"—16×5$\frac{3}{4}$" hex. head bolt (end drilled)
22513-S	... $\frac{3}{8}$"—16× $\frac{7}{8}$" hex. head bolt (drilled head)
22527-S2	...$\frac{7}{16}$"—14×1$\frac{1}{8}$" hex. head bolt (drilled head)
22536-S	... $\frac{1}{2}$"—13×1$\frac{1}{4}$" hex. head bolt (drilled head)
22606-S	... $\frac{3}{8}$"—24× $\frac{5}{8}$" hex. head bolt (drilled head)
22732-S2	... $\frac{3}{8}$"—16×1$\frac{1}{8}$" hex. head bolt (oval top)
23017-S16	...$\frac{5}{16}$"—18×1$\frac{1}{4}$" square head bolt
23103-ES	... $\frac{3}{4}$"—10×3$\frac{1}{2}$" square head bolt
23569-S	... $\frac{5}{8}$"—18×2$\frac{3}{4}$" carriage bolt
24662-S	... No. 8—32×$\frac{3}{4}$" flat head bolt
25704-ES	... $\frac{5}{8}$"—18×1$\frac{3}{4}$" special hex. head bolt (end drilled)
26466-S	...No. 6—32× $\frac{3}{8}$" round head screw
26467-S	...No. 8—32× $\frac{3}{8}$" round head screw
26480-S	...No. 8—32× $\frac{1}{2}$" round head screw
26483-S2	... $\frac{1}{4}$"—20×$\frac{1}{2}$" round head screw
26484-S2	...$\frac{5}{16}$"—18×$\frac{1}{2}$" round head bolt
26491-S	... $\frac{1}{4}$"—20×$\frac{9}{16}$" round head bolt
26495-S	...No. 6—32×$\frac{5}{8}$" round head screw
26512-S	...No. 8—32×$\frac{3}{4}$" round head screw
26634-S	...No. 12—24×2$\frac{3}{8}$" round head screw
27063-S	...No. 10—32×$\frac{5}{16}$" round head screw
27153-S	...No. 10—32×1$\frac{1}{8}$" round head screw
27161-S	...No. 10—32×1$\frac{1}{4}$" round head screw

Part No.	Name of Part

STANDARD PARTS—continued

27709-S	...No. 12—24 × 7/16″ round head screw
31052-S7	...No. 6—32 × 7/16″ fillister head screw
31145-S	... 5/16″—18 × 1 1/4″ fillister head screw
31176-S	... 1/4″—20 × 1 3/4″ fillister head screw
31606-S	... 1/4″—28 × 7/16″ fillister head screw
32801-S	...No. 10 × 5/8″ flat head—type A—self-tapping screw
32859-S	...No. 10 × 1/2″ round head—type A—self-tapping screw
32873-S	...No. 10 × 3/4″ round head—type A—self-tapping screw
32914-S	...No. 6 × 3/8″ binding head self-tapping screw
33782-S	... 1/4″—28 hex. nut
33786-S	... 3/8″—24 hex. nut
33795-S	... 1/4″—20 hex. nut
33797-S16	... 5/16″—18 hex. nut
33799-S	... 3/8″—16 hex. nut
33802-S	... 7/16″—20 hex. nut
33811-S	... 5/16″—18 hex. nut—brass
33831-S	... 1/2″—13 hex. nut
33832-S	... 1/2—20 hex. nut
33836-S2	... 5/8″—18 hex. nut
33836-ES8-C	... 5/8″—20 special hex. nut
33842-S	...1″ —14 hex. nut
33847-S7	... 9/16″—12 hex. nut
33848-S7	... 9/16″—18 hex. nut
33849-S	... 5/8″—11 hex. nut
33850-S	... 5/8″—18 hex. nut
33851-S	... 3/4″—10 hex. nut
33871-S	... 5/8″—18 hex. nut
33895-S	... 1/4″—20 hex. nut (winged)
33911-S	... 3/8″—24 hex. check nut
33923-S	... 5/16″—24 hex. check nut
33943-ES7	... 1/2″—20 hex. check nut
33947-S	... 5/8″—18 hex. check nut
33967-S	... 7/16″—20 thin slotted hex. nut
33968-S	... 1/2″—13 thin slotted hex. nut
33969-S	... 1/2″—20 thin slotted hex. nut
33973-S	... 5/8″—18 thin slotted hex. nut
34001-S2	... 3/4″—16 thin slotted hex. nut
34003-S	... 7/8″—14 thin slotted hex. nut
34017-S	... 3/8″—24 thick slotted hex. nut
34020-S	... 9/16″—18 thick slotted hex. nut
34021-S	... 5/8″—18 thick slotted hex. nut
34028-S	... 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
34083-S	... 3/8″—24 hex. nut

Part No.	Name of Part

STANDARD PARTS—continued

34141-S	...No. 10—32 plain square nut
34703-S	...No. 10 flat washer
34704-S2	...No. 12 flat washer
34705-S2	... 1/4″ flat washer
34707-S	... 3/8″ flat washer
34708-ES2	... 7/16″ special flat washer
34709-S	... 1/2″ flat washer
34742-S2	...No. 8 flat washer
34745-S2	... 1/4″ flat washer
34746-S	... 5/16″ flat washer
34747-S7	... 3/8″ flat washer
34747-ES2	... 3/8″ × ·67 × 1/16″ special flat washer
34748-S2	... 7/16″ flat washer
34751-S	...No. 6 flat washer—brass
34761-S	... 3/8″ flat washer
34766-S	...1 1/8″ flat washer
34801-S	...No. 6 lockwasher
34802-S	...No. 8 lockwasher
34803-S	...No. 10 lockwasher
34804-S	...No. 12 lockwasher
34805-S	... 1/4″ lockwasher
34806-S	... 5/16″ lockwasher
34807-S	... 3/8″ lockwasher
34808-S	... 7/16″ lockwasher
34809-S	... 1/2″ lockwasher
34810-S	... 9/16″ lockwasher
34811-S	... 5/8″ lockwasher
34813-S	... 3/4″ lockwasher
34814-S	... 7/8″ lockwasher
34815-S	...1″ lockwasher
34825-S	... 1/4″ light lockwasher
34826-S	... 5/16″ light lockwasher
34827-S	... 3/8″ light lockwasher
34830-S	... 9/16″ light lockwasher
34842-S	...No. 8 heavy lockwasher
34846-S	... 5/16″ heavy lockwasher
34846-ES	... 5/16″ special lockwasher
34847-ES2	... 3/8″ heavy lockwasher
34901-S2	...No. 6 shakeproof washer—internal teeth
34902-S	...No. 8 shakeproof washer—internal teeth
34904-S	...No. 12 shakeproof washer—internal teeth
34905-S2	... 1/4″ shakeproof washer—internal teeth
34907-S	... 3/8″ shakeproof washer—internal teeth
34909-S2	... 1/2″ shakeproof washer—internal teeth
34918-S	... 1/4″ heavy shakeproof washer—internal teeth
34924-ES	... 5/8″ heavy shakeproof washer—internal teeth
34939-S	...No. 10 shakeproof flat washer—external teeth

Part No.	Name of Part

STANDARD PARTS—continued

34942-S	... $\frac{3}{8}$″ shakeproof flat lockwasher—external teeth
34952-S	...No. 10 shakeproof counter sunk washer—external teeth
35492-ES	... $\frac{9}{16}$″—18×$\frac{1}{2}$″ button head slotted screw—brass
60018-S	... $\frac{5}{32}$″ × $\frac{5}{16}$″ flat head rivet
60412-S	... $\frac{3}{16}$″ × $\frac{3}{4}$″ round head rivet
60442-S	... $\frac{1}{4}$″ × $\frac{7}{8}$″ round head rivet
60540-S	... $\frac{3}{16}$″ × 1$\frac{1}{2}$″ round head rivet
60551-S	... $\frac{3}{16}$″ × 1$\frac{5}{8}$″ round head rivet
60600-S	... $\frac{3}{8}$″ × 2$\frac{1}{8}$″ round head rivet
60628-S	... $\frac{5}{16}$″ × 2$\frac{1}{2}$″ round head rivet
60652-S	... $\frac{1}{2}$″ × 2$\frac{3}{4}$″ round head rivet
61453-S	... $\frac{1}{8}$″ × $\frac{5}{8}$″ button head rivet
61579-S	... $\frac{1}{4}$″ × 1$\frac{3}{8}$″ button head rivet
61637-S	... $\frac{3}{8}$″ × 2$\frac{1}{8}$″ button head rivet
62383-S	... $\frac{3}{8}$″ × 1$\frac{3}{8}$″ flat countersunk head rivet
62409-S	... $\frac{5}{16}$″ × 1$\frac{3}{4}$″ flat countersunk head rivet
64664-ES	... $\frac{11}{64}$″ × $\frac{3}{8}$″ flat countersunk head tubular brass rivet
72000-S	... $\frac{1}{16}$″ × $\frac{3}{8}$″ cotter pin
72003-S	... $\frac{1}{16}$″ × $\frac{1}{2}$″ cotter pin
72004-S	... $\frac{3}{32}$″ × $\frac{1}{2}$″ cotter pin
72005-S	... $\frac{1}{8}$″ × $\frac{1}{2}$″ cotter pin
72009-S	... $\frac{3}{32}$″ × $\frac{5}{8}$″ cotter pin
72010-S	... $\frac{1}{8}$″ × $\frac{5}{8}$″ cotter pin
72016-S	... $\frac{3}{32}$″ × $\frac{3}{4}$″ cotter pin
72017-S	... $\frac{1}{8}$″ × $\frac{3}{4}$″ cotter pin
72024-S	... $\frac{1}{16}$″ × $\frac{7}{8}$″ cotter pin
72025-S	... $\frac{3}{32}$″ × $\frac{7}{8}$″ cotter pin
72026-S	... $\frac{1}{8}$″ × $\frac{7}{8}$″ cotter pin
72035-S	... $\frac{1}{8}$″ × 1″ cotter pin
72044-S	... $\frac{1}{8}$″ × 1$\frac{1}{8}$″ cotter pin
72045-S	... $\frac{5}{32}$″ × 1$\frac{1}{8}$″ cotter pin
72053-S	... $\frac{1}{8}$″ × 1$\frac{1}{4}$″ cotter pin
72062-S	... $\frac{1}{8}$″ × 1$\frac{3}{8}$″ cotter pin
72064-S	... $\frac{3}{16}$″ × 1$\frac{3}{8}$″ cotter pin
72071-S	... $\frac{1}{8}$″ × 1$\frac{1}{2}$″ cotter pin
72081-S	... $\frac{5}{32}$″ × 1$\frac{5}{8}$″ cotter pin
72089-S	... $\frac{1}{8}$″ × 1$\frac{3}{4}$″ cotter pin
72090-S	... $\frac{5}{32}$″ × 1$\frac{3}{4}$″ cotter pin
72095-S	... $\frac{3}{8}$″ × 1$\frac{3}{4}$″ cotter pin
72145-S	... $\frac{3}{16}$″ × 2$\frac{1}{2}$″ cotter pin
72148-S	... $\frac{5}{16}$″ × 2$\frac{1}{2}$″ cotter pin
72191-ES	... $\frac{1}{8}$″ × $\frac{1}{2}$″ groove pin
72242-ES	... $\frac{1}{8}$″ × $\frac{7}{8}$″ groove pin
72257-ES	... $\frac{1}{4}$″ × 1″ groove pin
72264-S	... $\frac{3}{16}$″ × 1$\frac{1}{8}$″ groove pin
72291-S8	... $\frac{1}{4}$″ × 1$\frac{1}{2}$″ groove pin
72716-S	... $\frac{3}{32}$″ × 1$\frac{3}{8}$″ straight pin—brass

Part No.	Name of Part

STANDARD PARTS—continued

73353-ES	... $\frac{3}{16}$″—1$\frac{1}{2}$″ dowel pin—special
73661-S	...No. 0× $\frac{5}{8}$″ taper pin
73735-S	...No. 0×1″ taper pin
73887-S7	... $\frac{1}{4}$″ × $\frac{7}{8}$″ clevis pin
73891-S	... $\frac{1}{2}$″ × $\frac{7}{8}$″ clevis pin
73911-S	... $\frac{5}{16}$″ × 1$\frac{1}{16}$″ clevis pin
73919-S7/8	... $\frac{3}{8}$″ × 1$\frac{5}{32}$″ clevis pin
73926-S	... $\frac{3}{8}$″ × 1$\frac{3}{16}$″ clevis pin
73931-S7	... $\frac{5}{16}$″ × $\frac{31}{32}$″ clevis pin
73934-S7	... $\frac{3}{8}$″ × 1$\frac{1}{4}$″ clevis pin
73935-S8	... $\frac{7}{16}$″ × 1$\frac{1}{4}$″ clevis pin
73951-S7	... $\frac{1}{2}$″ × 1$\frac{3}{8}$″ clevis pin
74006-S7	... $\frac{5}{16}$″ × 1$\frac{7}{8}$″ clevis pin
74023-S	... $\frac{1}{2}$″ × 2″ clevis pin
74042-S	... $\frac{3}{8}$″ × 2$\frac{3}{16}$″ clevis pin
74051-S	... $\frac{1}{2}$″ × 2$\frac{1}{4}$″ clevis pin
74120-S	...1$\frac{3}{16}$″ expansion plug
74127-S	...1$\frac{3}{4}$″ expansion plug
74131-ES	...2$\frac{1}{4}$″ expansion plug
74151-S	... $\frac{1}{4}$″ × $\frac{7}{8}$″ Woodruff key—soft
74172-S	... $\frac{1}{8}$″ × $\frac{1}{2}$″ Woodruff key—hard
74174-S	... $\frac{1}{8}$″ × $\frac{5}{8}$″ Woodruff key—hard
74217-ES	...Filler plug button
89427-S	... $\frac{1}{4}$″—28×$\frac{3}{8}$″ 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
118805-ES	... $\frac{5}{16}$″ × $\frac{9}{16}$″ B.S.F. Allen screw
118806-ES	... $\frac{5}{16}$″ B.S.F.×1$\frac{1}{2}$″ hex. head set screw (special)
118807-ES	... $\frac{5}{16}$″ B.S.F.×1$\frac{1}{4}$″ hex. head set screw (special)
118808-ES	... $\frac{5}{16}$″ B.S.F.× $\frac{7}{8}$″ hex. head set screw (special)
118810-ES	... $\frac{5}{16}$″ B.S.F.×1″ hex. head set screw (special)
118901-ES	... $\frac{7}{16}$″ B.S.F.× $\frac{7}{8}$″ hex. head set screw (special)
118951-ES	... $\frac{1}{2}$″—13×1$\frac{3}{4}$″ special carriage bolt
119079-ES2	... $\frac{5}{16}$″—22×$\frac{7}{8}$″ special hex. head bolt
119138-ES	... $\frac{5}{16}$″—22×$\frac{11}{16}$″ special hex. head bolt
119167-ES	...No. 4×·270″ B.A. slotted hex. head bolt
119178-ES	... $\frac{9}{16}$″—12×3$\frac{13}{16}$″ hex. head bolt
119179-ES	... $\frac{9}{16}$″—12×4$\frac{1}{2}$″ hex. head bolt
119183-ES	...Starter switch terminal screw
119185-ES2	... $\frac{5}{16}$″—18×8·12″ hex. head bolt
119186-ES	... $\frac{5}{8}$″—11×8$\frac{1}{2}$″ hex. head bolt
119188-ES7	... $\frac{5}{16}$″—24×$\frac{9}{16}$″ special slotted hex. head screw
119193-ES	... $\frac{7}{16}$″—20×1$\frac{5}{8}$″ 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

Part No. Name of Part

STANDARD PARTS—continued

119217-ES	...No. 1 B.A. hex nut
119218-ES	...No. 3 B.A. hex. nut
119251-ES	...·16″ × ·58″ × ·03″ fibre washer
119279-ES	... $\frac{9}{16}$″ special plain washer
119291-ES	...No. 6 B.A. lockwasher
119294-ES	...No. 3 B.A. shakeproof washer—external teeth
119296-ES	...No. 1 B.A. shakeproof lockwasher—external teeth
119407-ES	...·31″ × ·140″/·144″ × ·30″ semi-drilled rivet
119423-ES	... $\frac{5}{32}$″ special rivet
119437-ES	... $\frac{5}{32}$″ × 1″ semi-tubular rivet
119453-ES	... $\frac{15}{64}$″ × $\frac{7}{16}$″ tubular rivet
119457-ES	... $\frac{3}{16}$″ × ·87″ rivet
119473-ES	... $\frac{7}{32}$″ × 1$\frac{1}{2}$″ dowel pin
119559-ES	... $\frac{9}{16}$″ B.S.F. special nut
119560-ES	... $\frac{7}{16}$″—20 special hex. locknut
119567 ES	... $\frac{7}{8}$″ Whit. special hex. nut
119580-ES	... $\frac{3}{8}$″ B.S.F. Simmonds nut
119652-ES	... $\frac{5}{8}$″ × 1″ fibre washer
119658-ES7	...·15 I.D. × ·250″ tab washer
119691-ES	... $\frac{3}{8}$″ lockwasher
119750-ES	... $\frac{1}{8}$″—27 × $\frac{5}{16}$″ slotted pipe plug
119781-ES	...3$\frac{7}{32}$″ expansion plug
119810-ES	... $\frac{7}{16}$″ steel ball
119812-ES	... $\frac{9}{16}$″ steel ball
350505-ES	... $\frac{3}{8}$″—16 × $\frac{11}{16}$″ countersunk head screw
351075-S	... $\frac{9}{16}$″—18 special hex. nut
351124-S	... $\frac{43}{64}$″—20 hex. nut
351125-S	... $\frac{3}{4}$″—16 special slotted hex. nut
351152-S	... $\frac{7}{8}$″—14 special castle nut
351153-S	... $\frac{7}{8}$″—14 special hex. nut
351260-S	... $\frac{3}{16}$″ special washer
351303-S	... $\frac{1}{4}$″ special plain washer
351428-ES	... $\frac{7}{16}$″ special plain washer
351499-S	... $\frac{43}{64}$″ lockwasher
351503-S	... $\frac{5}{8}$″ × 1$\frac{1}{16}$″ special flat washer
351519-ES	...·66″ × 1·18″ × ·09″ special flat washer
353026-S7/8	... $\frac{5}{16}$″ drive type lubricator
353026-ES7	... $\frac{5}{16}$″ drive type lubricator
353027-S7/8	... $\frac{1}{8}$″ check valve type lubricator
353031-S7/8	... $\frac{1}{8}$″ check valve type short lubricator
353043-A2/S7	... $\frac{1}{4}$″—28 lubricator
353051-S	... $\frac{3}{4}$″ pipe plug
353055-S	... $\frac{1}{4}$″—18 pipe plug
353075-ES	... $\frac{3}{8}$″ steel ball
353076-S	... $\frac{1}{4}$″ steel ball
353080-S	... $\frac{3}{16}$″ steel ball

Part No. Name of Part

TRACTOR STANDARD PARTS

N—20218	...Screw, $\frac{1}{2}$″—13NF3 × 1$\frac{13}{16}$″ drilled hex. head
N—20235-B	...Screw, No. 10—32ASME × $\frac{1}{4}$″ oval fillister head
N—20690-A	...Bolt, $\frac{9}{16}$″—12 × 1$\frac{3}{8}$″ hex. head
N—20717	...Screw, $\frac{5}{16}$″—24SAE × $\frac{11}{16}$″ special flat countersunk head
N—20718	...Screw, $\frac{5}{16}$″—24NF3 × $\frac{3}{4}$″ hex. head
N—20764	...Screw, $\frac{5}{16}$″—18 × $\frac{7}{8}$″ cap
N—20912	...Screw, $\frac{3}{8}$″—16NC2 × 1″ slotted hex. head cap
N—20965	...Screw, $\frac{3}{8}$″—16 × $\frac{7}{8}$″ flat countersunk head
N—21200	...Screw, $\frac{7}{16}$″—20NF2 special lock
N—21213	...Screw, $\frac{1}{2}$″—13NC2 × $\frac{5}{8}$″ cone point headless set
N—21253	...Screw, $\frac{1}{2}$″—13NC2 × 2″ hex. head cap
N—21262-A	...Screw, $\frac{1}{2}$″—13NC3 × 3$\frac{5}{8}$″ cap
N—21264-A	...Screw, $\frac{1}{2}$″—13NC3 × 3$\frac{7}{8}$″ hex. head cap
N—21323-C	...Screw, $\frac{3}{4}$″—10NC3
N—21330-C	...Screw, $\frac{7}{8}$″—9 × 2$\frac{3}{16}$″ hex. head
N—21840	...Nut, $\frac{1}{2}$″—13NC2 square
N—21841	...Nut, $\frac{1}{2}$″—20SAE special castle
N—21844-A	...Nut, $\frac{1}{2}$″—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, $\frac{17}{64}$″ I.D. × $\frac{1}{16}$″ thick × $\frac{1}{2}$″ O.D. plain
N—22208	...Washer, 2$\frac{21}{64}$″ I.D. special
N—22209-B	...Washer, $\frac{7}{16}$″ special
N—22336	...Washer, $\frac{17}{32}$″ I.D. × 16USS thick × 1$\frac{1}{4}$″ O.D. flat
N—22393	...Washer, $\frac{49}{64}$″ I.D. × ·150″—·160″ thick × 1$\frac{1}{2}$″ O.D. flat
N—22402-B	...Washer, special flat
N—22420	...Washer, ·872″—·875″/·880″ I.D. × $\frac{1}{8}$″ × 1$\frac{5}{8}$″ O.D. flat
N—22426	...Washer, 1$\frac{1}{64}$″ I.D. × ·120″/·130″ thick × 1$\frac{5}{8}$″ O.D. flat
N—22617	...Bolt, $\frac{9}{16}$″—12 × 2$\frac{3}{8}$″ hex. drilled head
N—23028-S7	...Bolt, $\frac{1}{2}$″—13 × 1$\frac{3}{4}$″ square head
N—23665	...Pin, $\frac{1}{8}$″ × $\frac{1}{2}$″ plain
N—23770	...Pin, $\frac{3}{16}$″ and $\frac{1}{4}$″ × $\frac{19}{32}$″ stepped
N—23788	...Pin, $\frac{1}{4}$″ × 2$\frac{13}{32}$″ plain with cotter holes
N—24029	...Stud, $\frac{3}{8}$″ dia. special
N—24032-B	...Stud, $\frac{1}{2}$″ dia. × 2·18″
N—24033	...Stud, $\frac{9}{16}$″ dia. × 2$\frac{17}{32}$″ full dia. body screw
N—24035	...Stud, $\frac{9}{16}$″ dia. × 2$\frac{1}{8}$″ full dia. body screw
N—24457	...Plug, $\frac{1}{2}$″ standard pipe

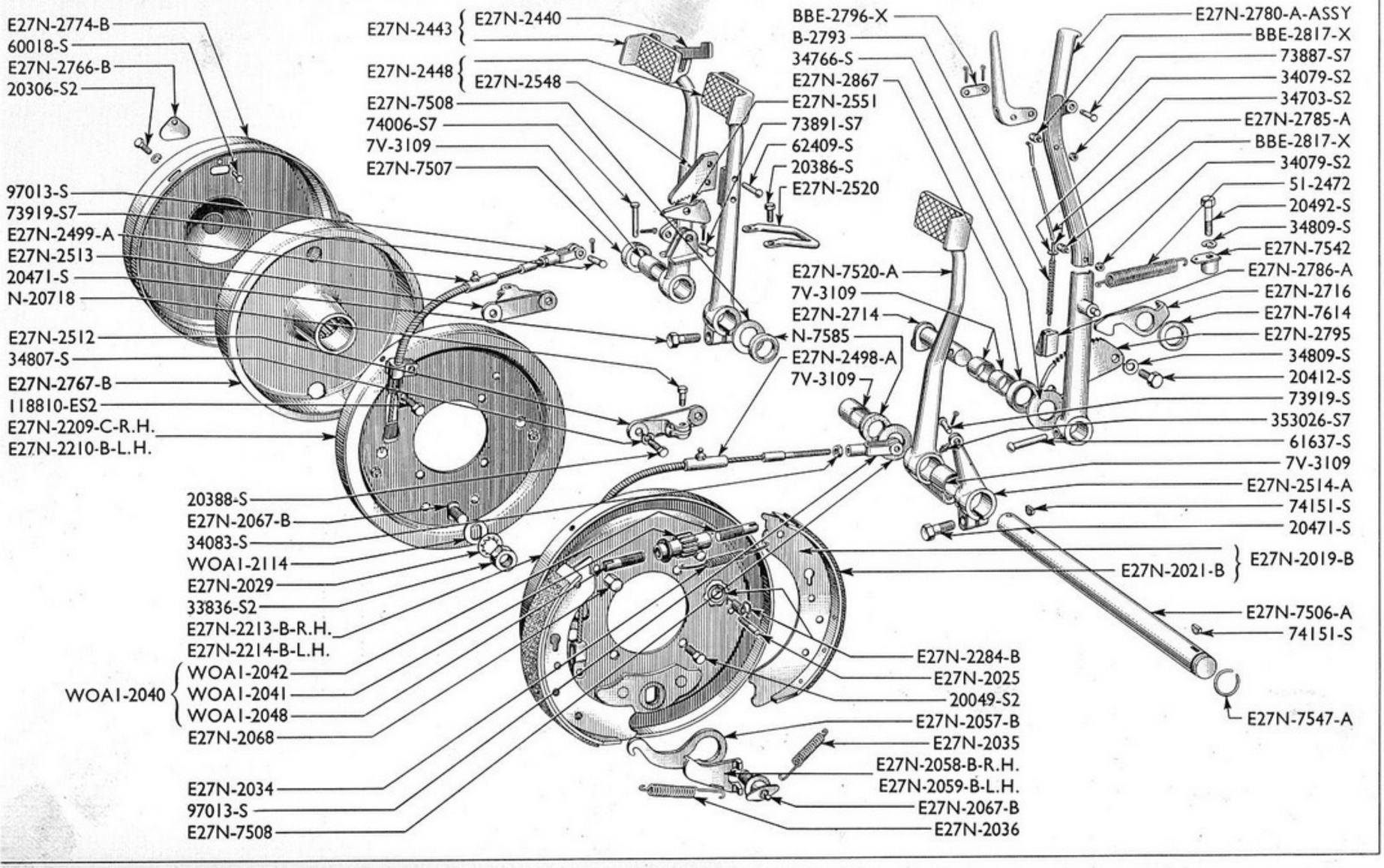
FINISH OF STANDARD PARTS

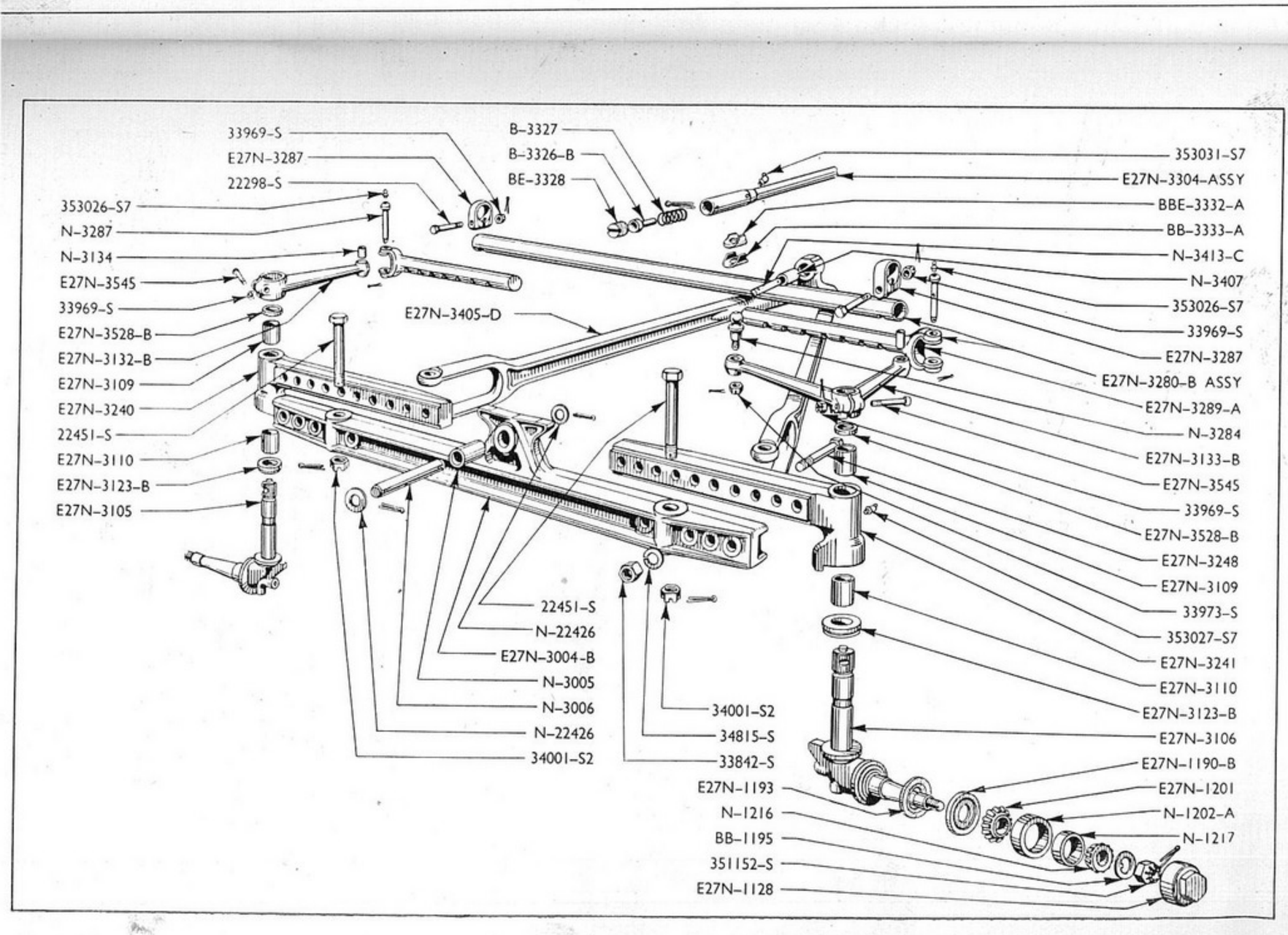
The " S " suffix on numbers covering Standard Parts represents the finish of the part as shown by the following list :—

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

ILLUSTRATIONS

Plate No.		
1	.....	STEERING BRAKES
2	.....	FRONT AXLE
3	.....	STEERING GEAR
4	.....	REAR AXLE AND REAR TRANSMISSION
5	.....	ENGINE
6	.....	FRONT TRANSMISSION AND CLUTCH
7	.....	POWER TAKE-OFF AND GEAR CHANGE
8	.....	COOLING SYSTEM
9	.....	FUEL SYSTEM
10	.....	CARBURETTOR
11	.....	GENERATOR—1945/49
12	.....	STARTER MOTOR AND SOLENOID—1945/49
13	.....	GOVERNOR
14	.....	MAGNETO (1945-46)
15	.....	MAGNETO (1947)
16	.....	H.P.L. DRIVE AND REAR MOUNTED LINKAGE
17	.....	H.P.L. PUMP—SINGLE LEVER CONTROL
18	.....	H.P.L. PUMP—DOUBLE LEVER CONTROL
19	.....	PULLEY


E27N-2774-B
60018-S
E27N-2766-B
20306-S2
97013-S
73919-S7
E27N-2499-A
E27N-2513
20471-S
N-20718
E27N-2512
34807-S
E27N-2767-B
118810-ES2
E27N-2209-C-R.H.
E27N-2210-B-L.H.
E27N-2443
E27N-2440
E27N-2448
E27N-2548
E27N-7508
74006-S7
7V-3109
E27N-7507
BBE-2796-X
B-2793
34766-S
E27N-2867
E27N-2551
73891-S7
62409-S
20386-S
E27N-2520
E27N-7520-A
7V-3109
E27N-2714
N-7585
E27N-2498-A
7V-3109
E27N-2780-A-ASSY
BBE-2817-X
73887-S7
34079-S2
34703-S2
E27N-2785-A
BBE-2817-X
34079-S2
51-2472
20492-S
34809-S
E27N-7542
E27N-2786-A
E27N-2716
E27N-7614
E27N-2795
34809-S
20412-S
73919-S
353026-S7
61637-S
7V-3109
E27N-2514-A
74151-S
20471-S
20388-S
E27N-2067-B
34083-S
WOA1-2114
E27N-2029
33836-S2
E27N-2213-B-R.H.
E27N-2214-B-L.H.
WOA1-2040
WOA1-2042
WOA1-2041
WOA1-2048
E27N-2068
E27N-2021-B
E27N-2019-B
E27N-7506-A
74151-S
E27N-2284-B
E27N-2025
20049-S2
E27N-2057-B
E27N-2035
E27N-2058-B-R.H.
E27N-2059-B-L.H.
E27N-2067-B
E27N-2036
E27N-7547-A
E27N-2034
97013-S
E27N-7508


33969-S
E27N-3287
22298-S
353026-S7
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N-3134
E27N-3545
33969-S
E27N-3528-B
E27N-3132-B
E27N-3109
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22451-S
E27N-3110
E27N-3123-B
E27N-3105
B-3327
B-3326-B
BE-3328
E27N-3405-D
22451-S
N-22426
E27N-3004-B
N-3005
N-3006
N-22426
34001-S2
34001-S2
34815-S
33842-S
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N-1216
BB-1195
351152-S
E27N-1128
353031-S7
E27N-3304-ASSY
BBE-3332-A
BB-3333-A
N-3413-C
N-3407
353026-S7
33969-S
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E27N-3133-B
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33969-S
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E27N-3109
33973-S
353027-S7
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N-1202-A
N-1217

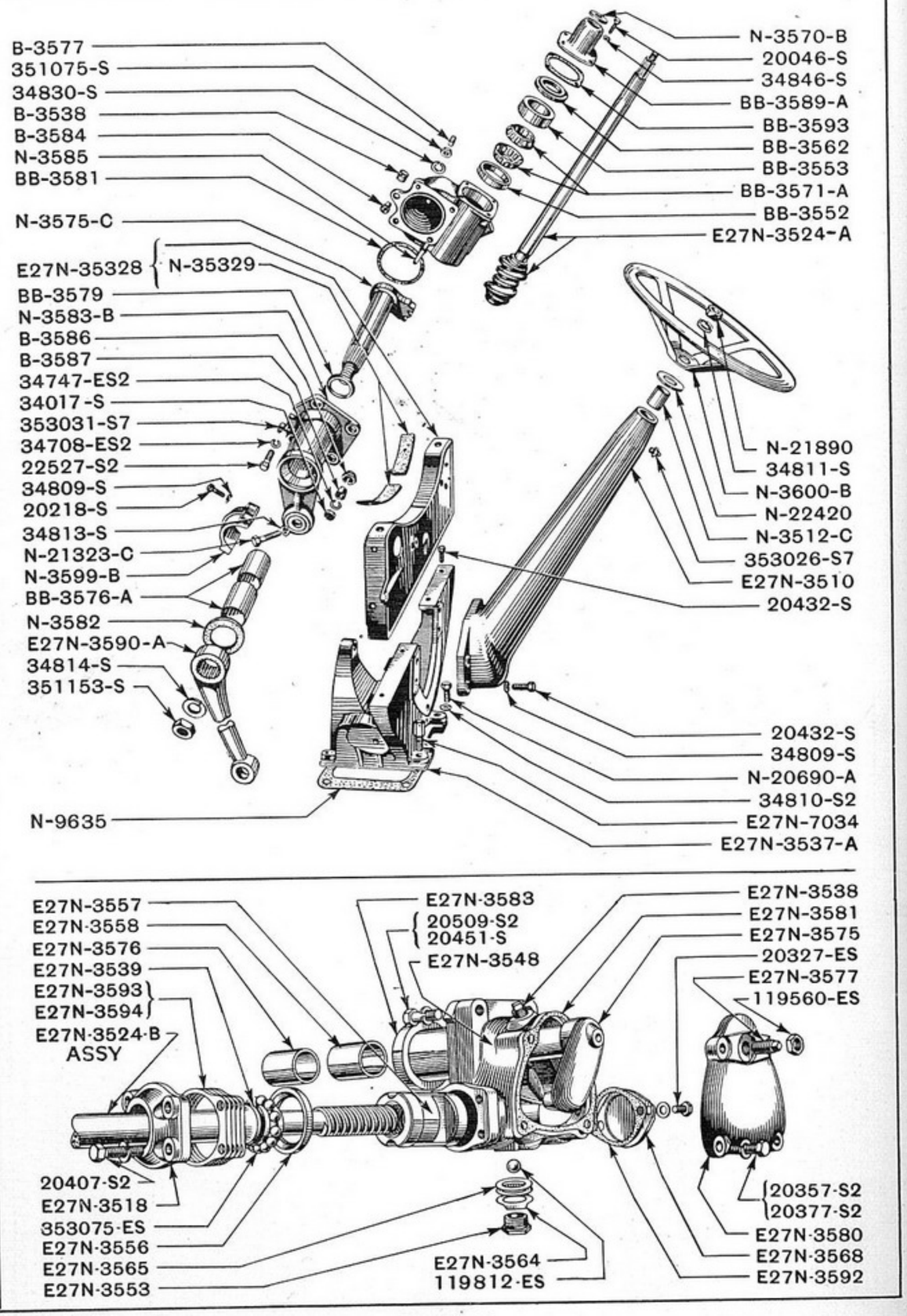
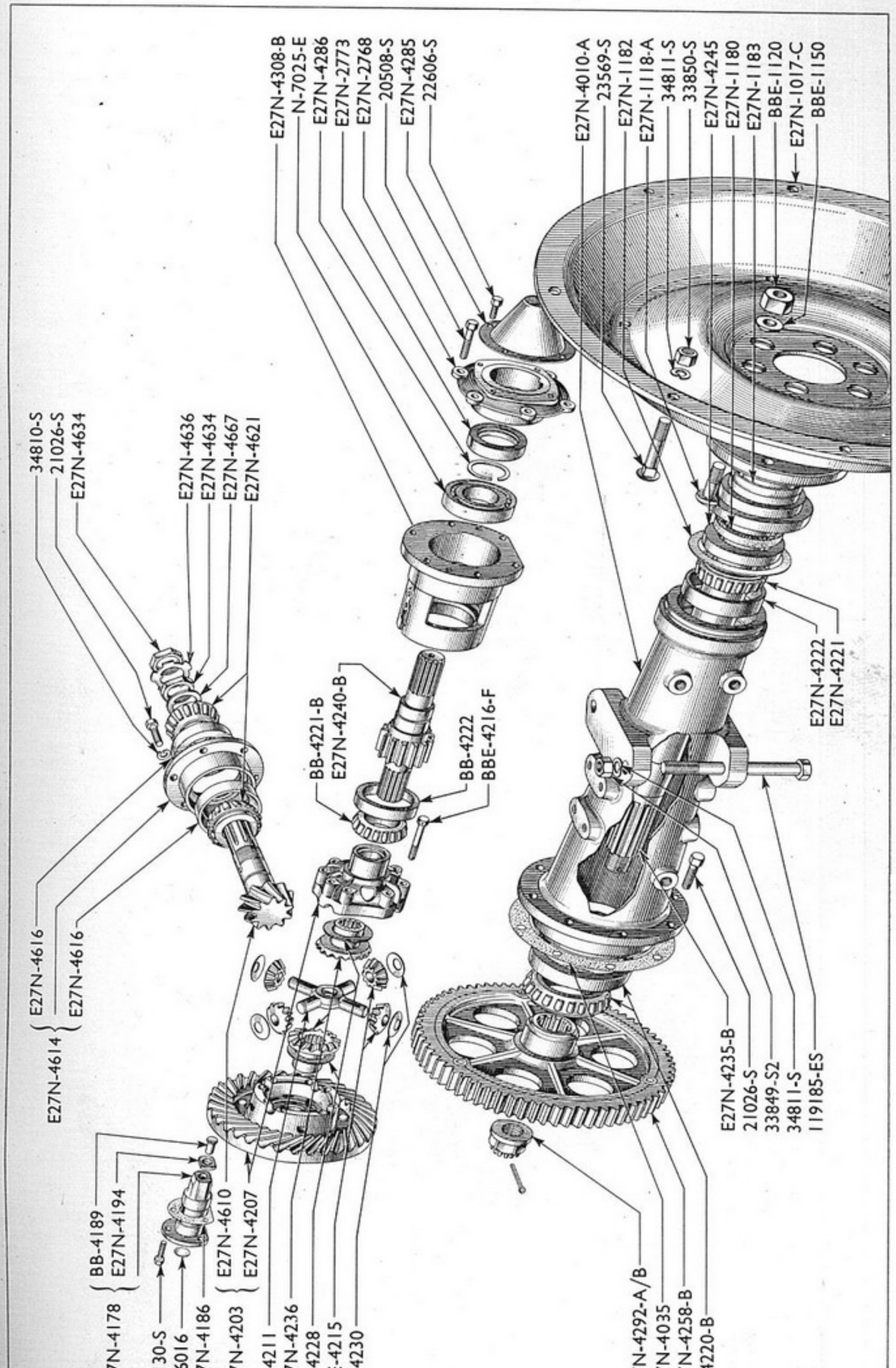

B-3577
351075-S
34830-S
B-3538
B-3584
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BB-3581
N-3575-C
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N-35329
BB-3579
N-3583-B
B-3586
B-3587
34747-ES2
34017-S
353031-S7
34708-ES2
22527-S2
34809-S
20218-S
34813-S
N-21323-C
N-3599-B
BB-3576-A
N-3582
E27N-3590-A
34814-S
351153-S
N-9635
N-3570-B
20046-S
34846-S
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BB-3562
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E27N-3594
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ASSY
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119812-ES
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20327-ES
E27N-3577
119560-ES
20357-S2
20377-S2
E27N-3580
E27N-3568
E27N-3592

PLATE 3


E27N-4308-B
N-7025-E
E27N-4286
E27N-2773
E27N-2768
20508-S
E27N-4285
22606-S
E27N-4010-A
23569-S
E27N-1182
E27N-1118-A
34811-S
33850-S
E27N-4245
E27N-1180
E27N-1183
BBE-1120
E27N-1017-C
BBE-1150
E27N-4222
E27N-4221
34810-S
21026-S
E27N-4634
E27N-4636
E27N-4634
E27N-4667
E27N-4621
BB-4221-B
E27N-4240-B
BB-4222
BBE-4216-F
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E27N-4616
BB-4189
E27N-4194
E27N-4178
20130-S
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E27N-4610
E27N-4207
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E27N-4236
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79E-4215
79-4230
E27N-4235-B
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N-4220-B

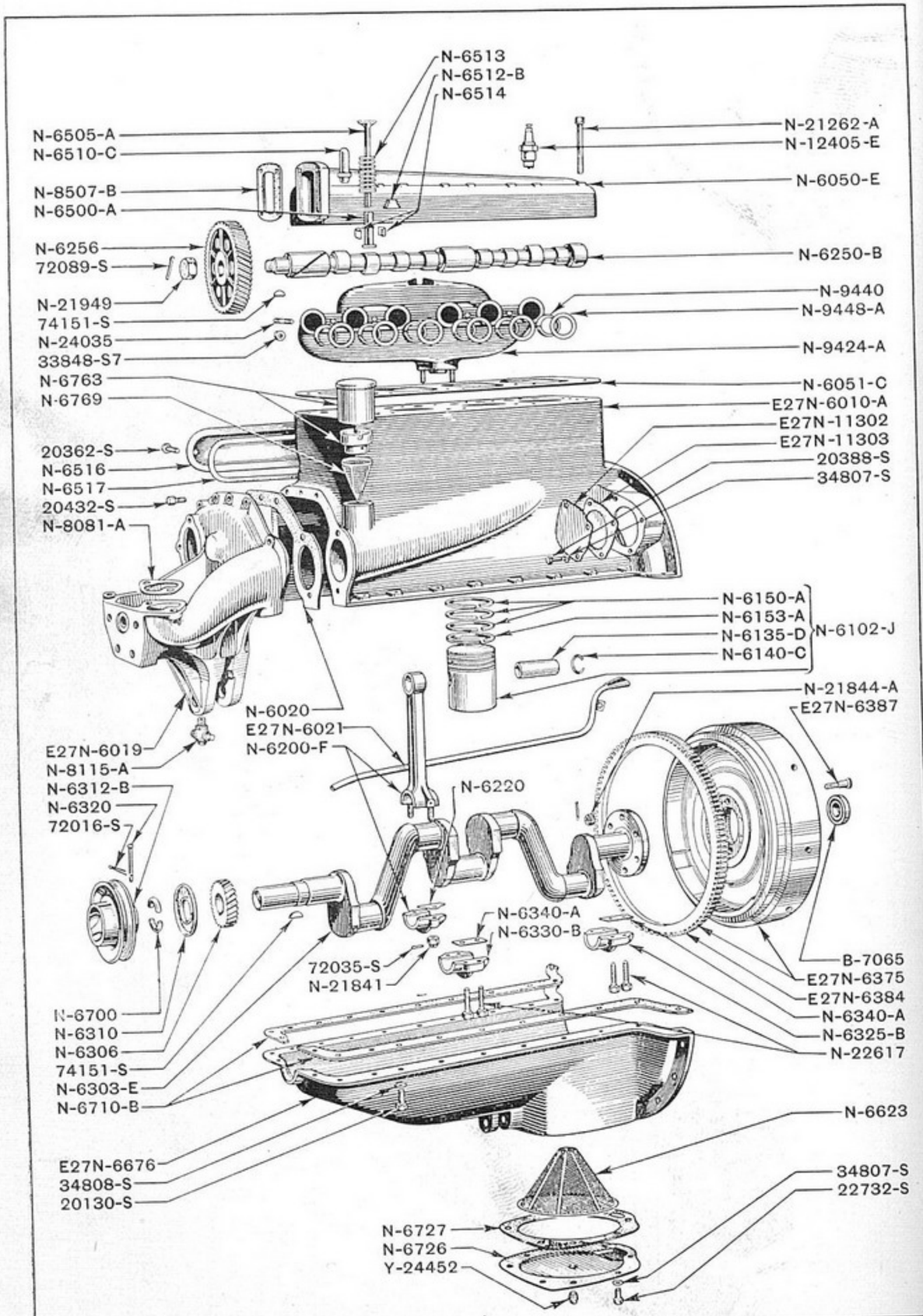
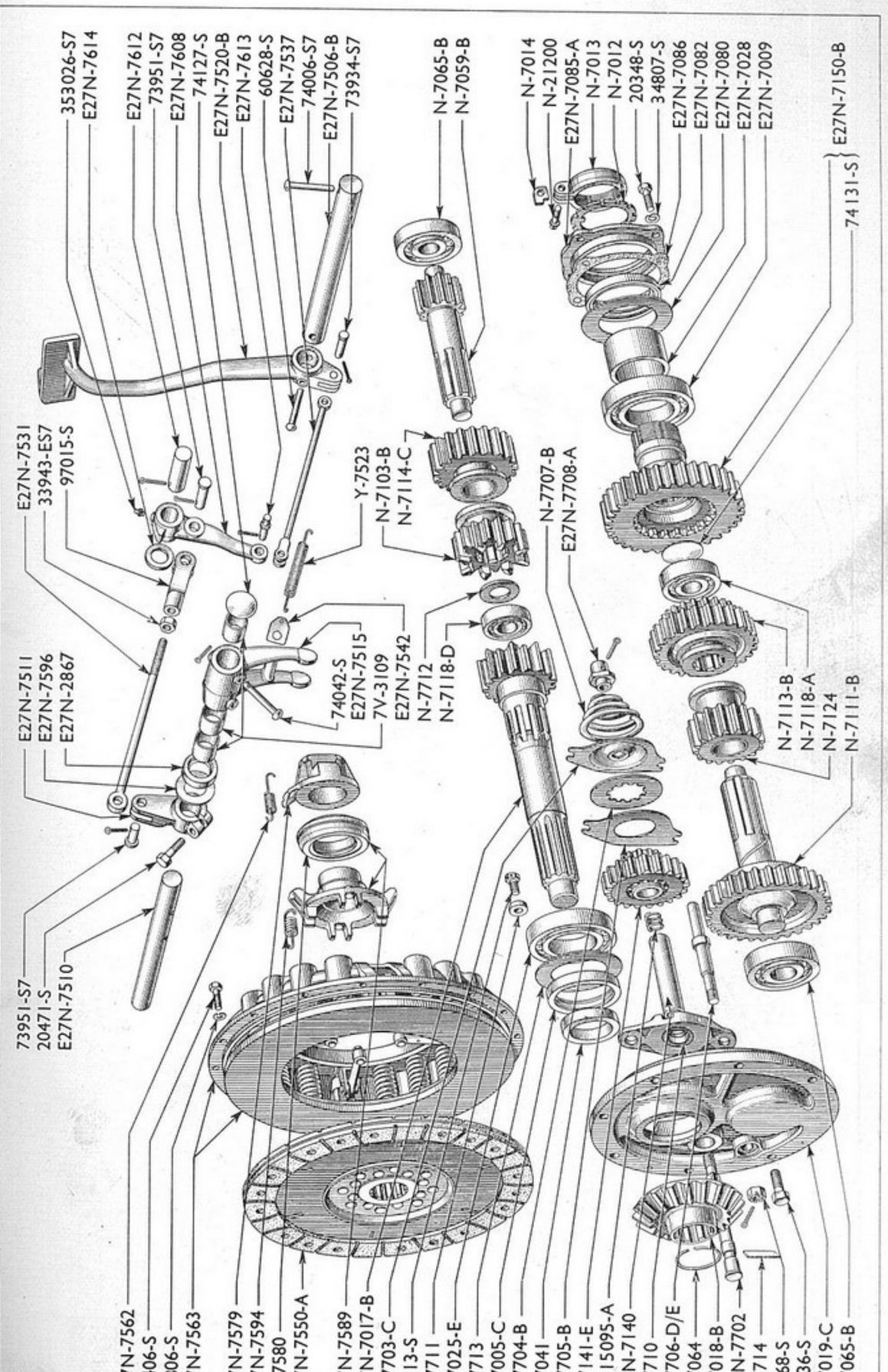
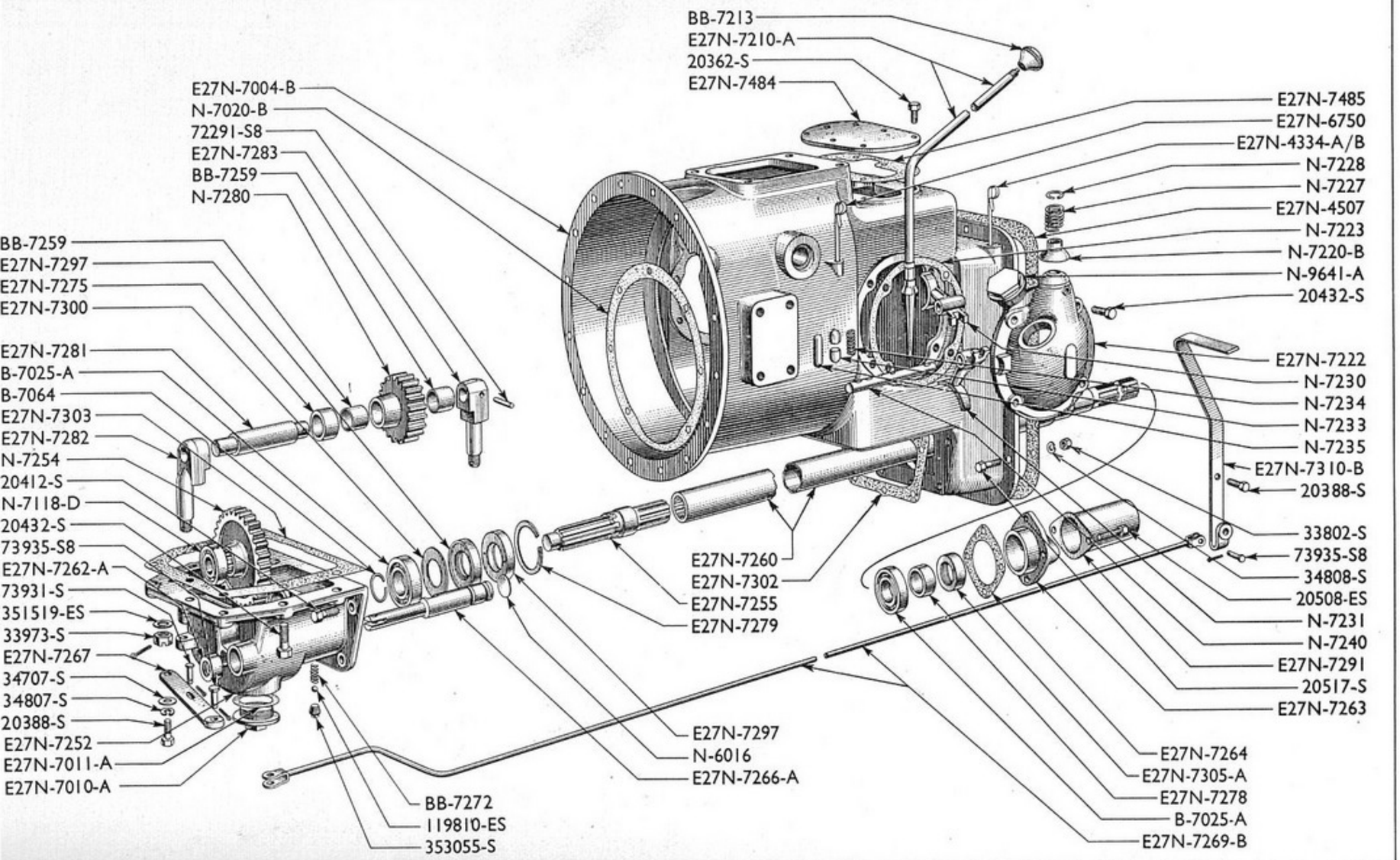
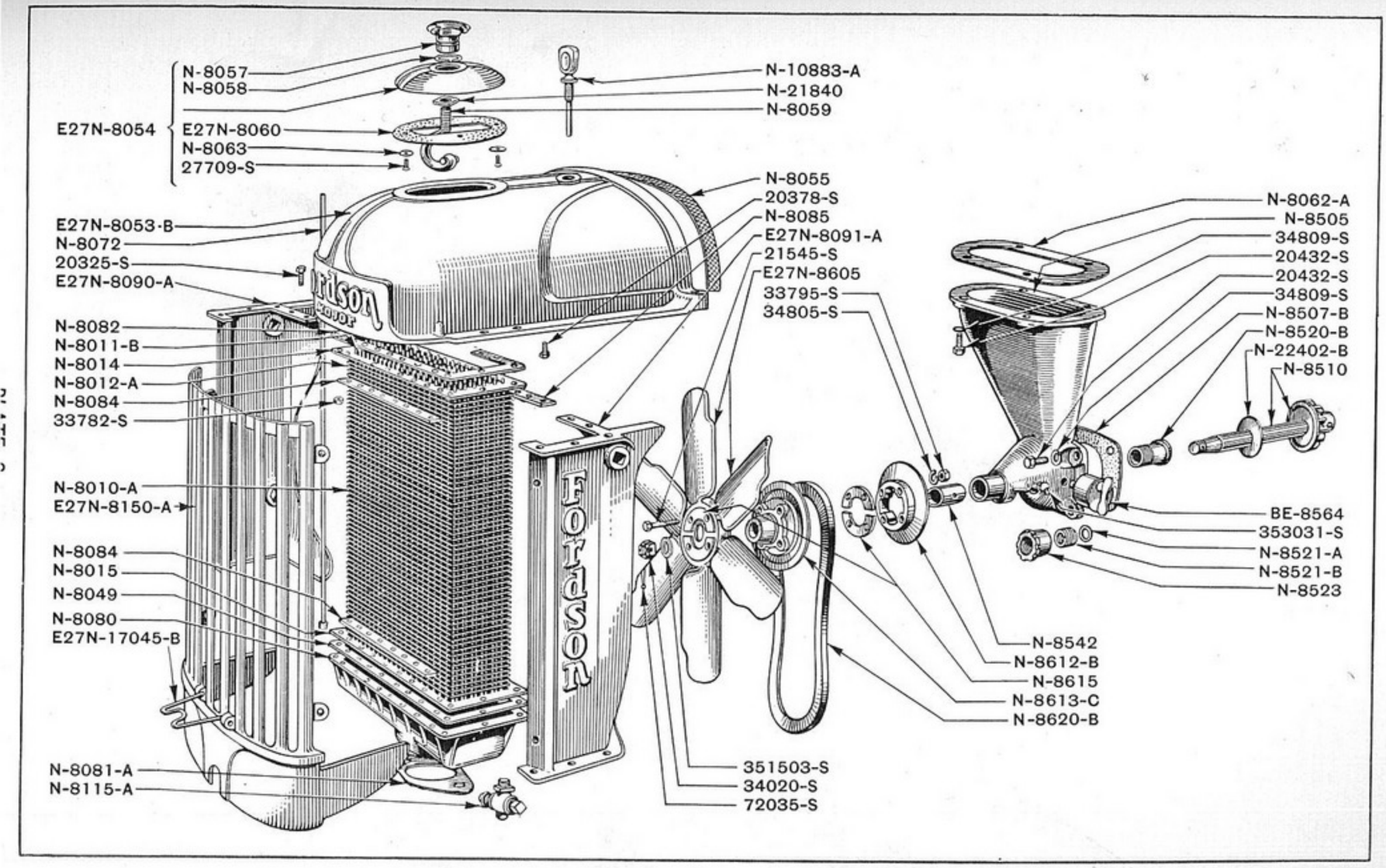
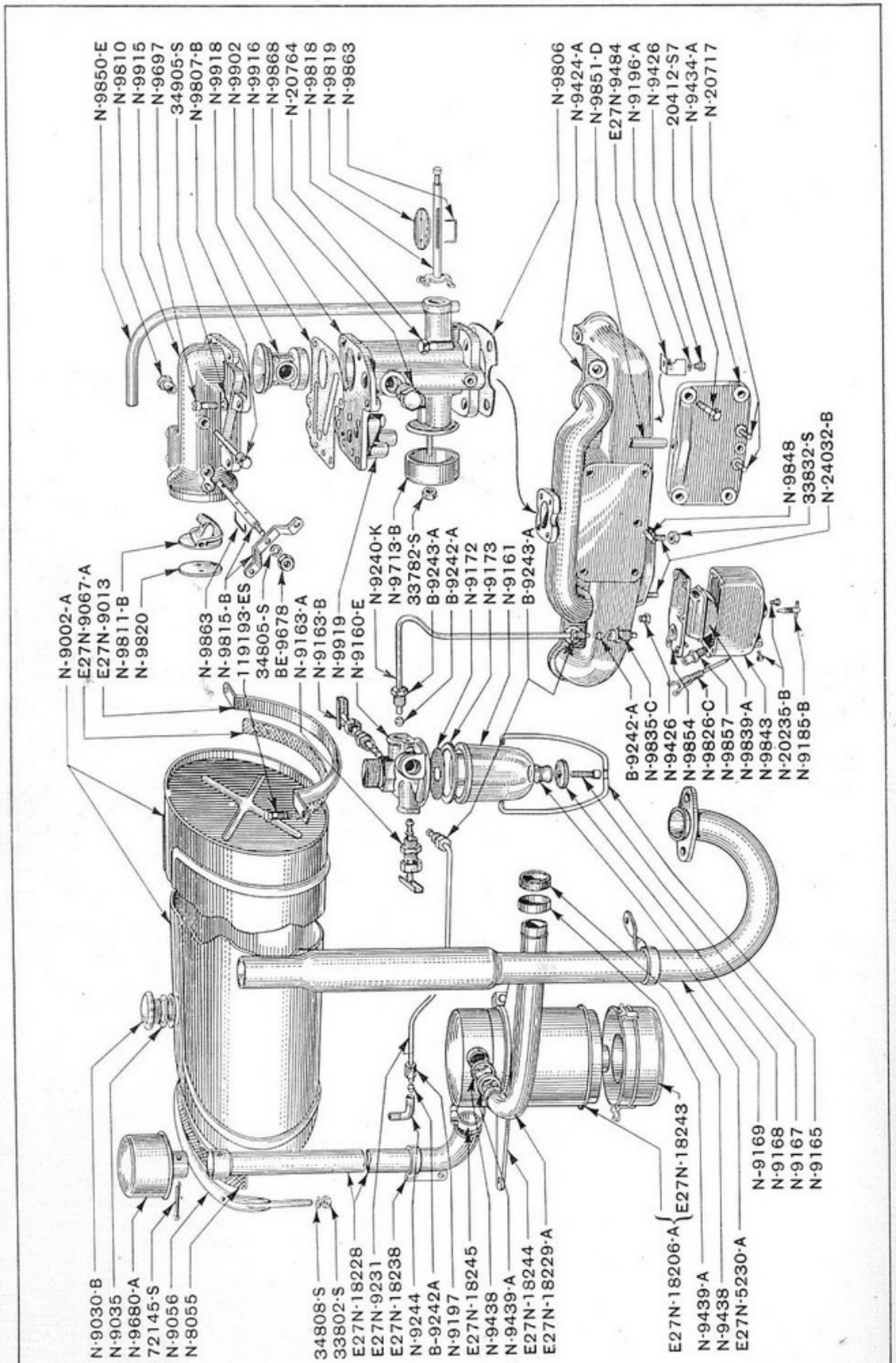

N-6513
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N-6510-C
N-8507-B
N-6500-A
N-6256
72089-S
N-21949
74151-S
N-24035
33848-S7
N-6763
N-6769
20362-S
N-6516
N-6517
20432-S
N-8081-A
N-21262-A
N-12405-E
N-6050-E
N-6250-B
N-9440
N-9448-A
N-9424-A
N-6051-C
E27N-6010-A
E27N-11302
E27N-11303
20388-S
34807-S
N-6150-A
N-6153-A
N-6135-D
N-6140-C
N-6102-J
N-6020
E27N-6021
N-6200-F
N-21844-A
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E27N-6019
N-8115-A
N-6312-B
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72016-S
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N-6340-A
N-6330-B
72035-S
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B-7065
E27N-6375
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N-6700
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N-6306
74151-S
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N-6623
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34808-S
20130-S
34807-S
22732-S
N-6727
N-6726
Y-24452

PLATE 5


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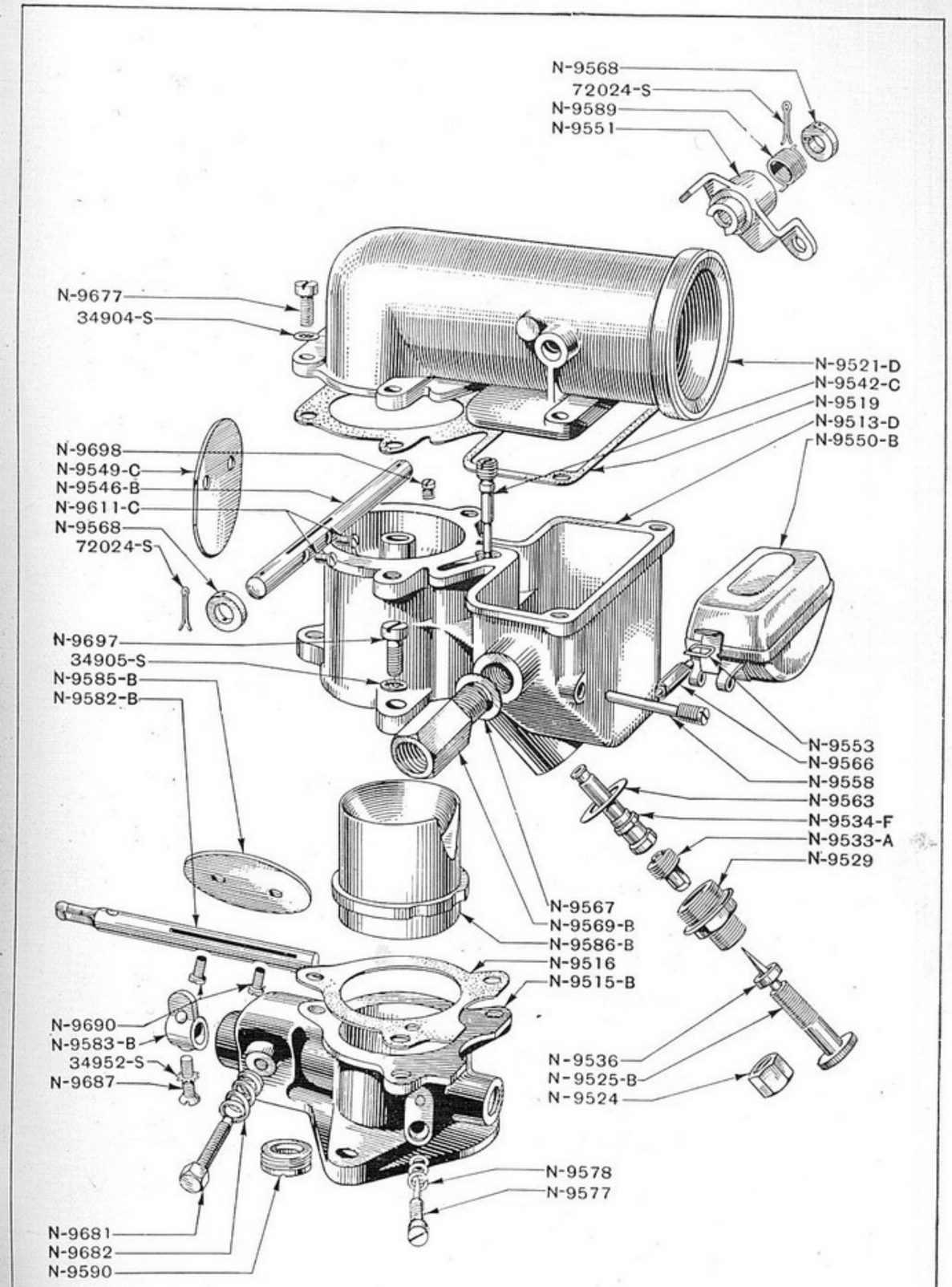
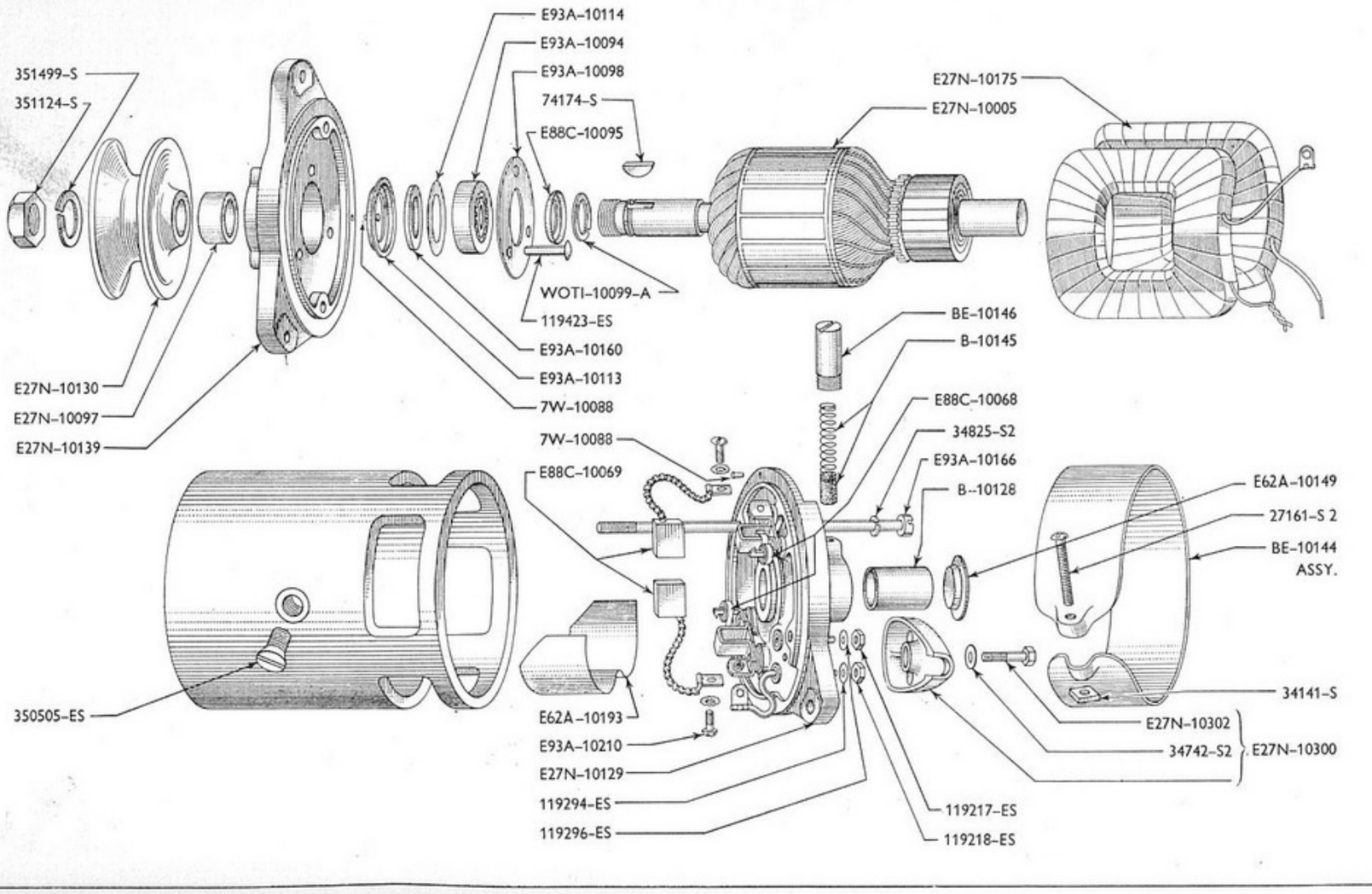
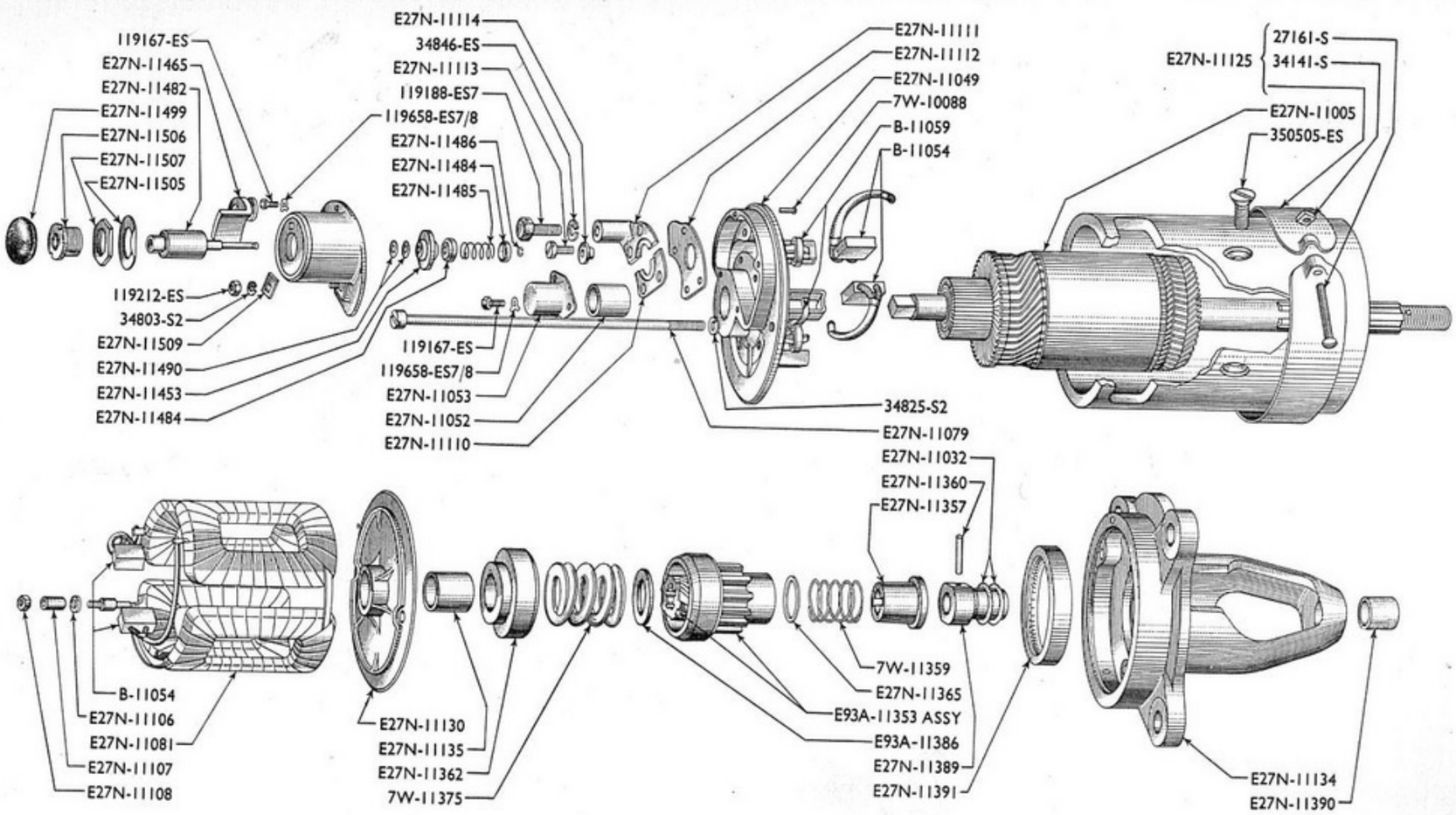
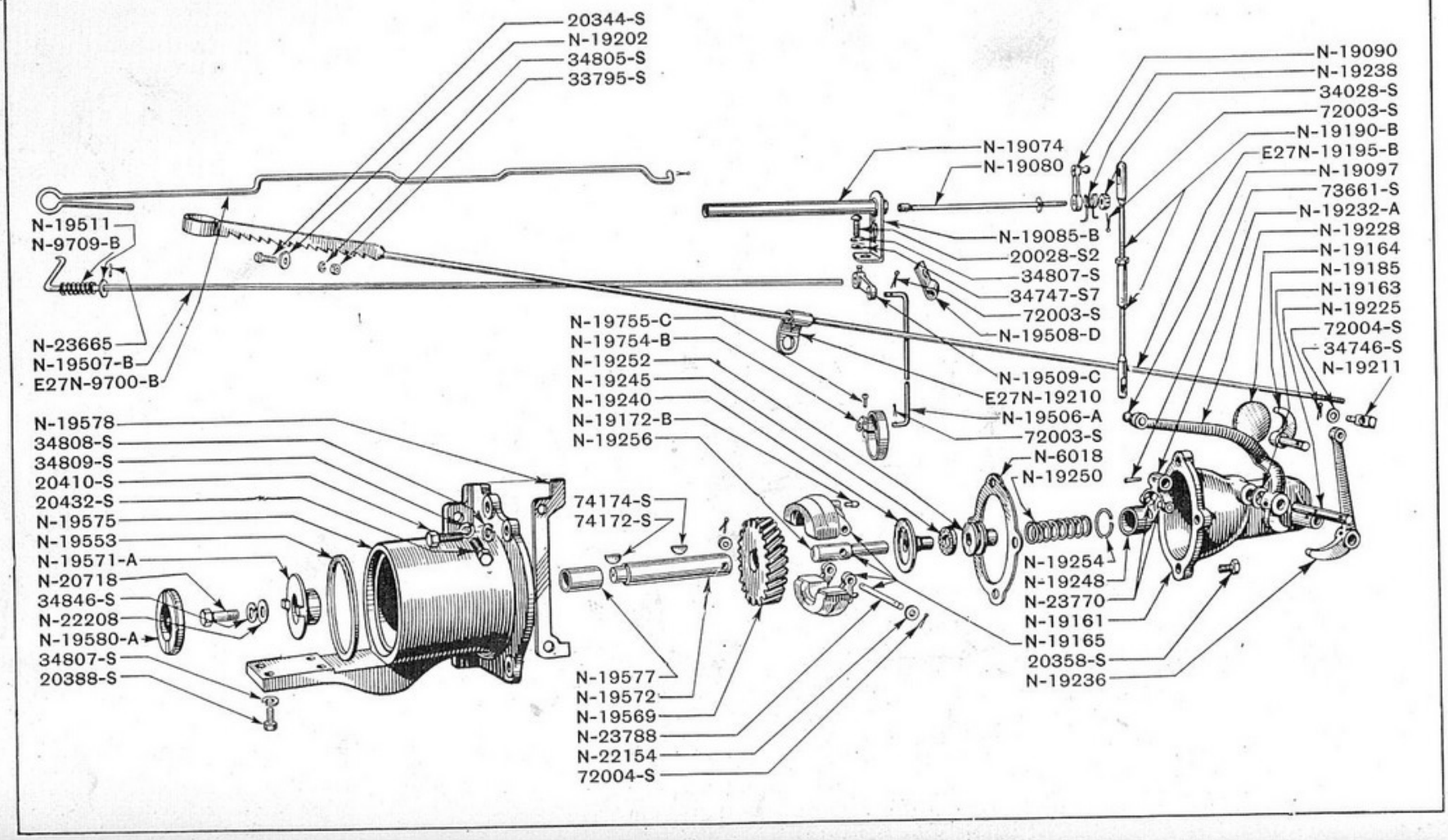
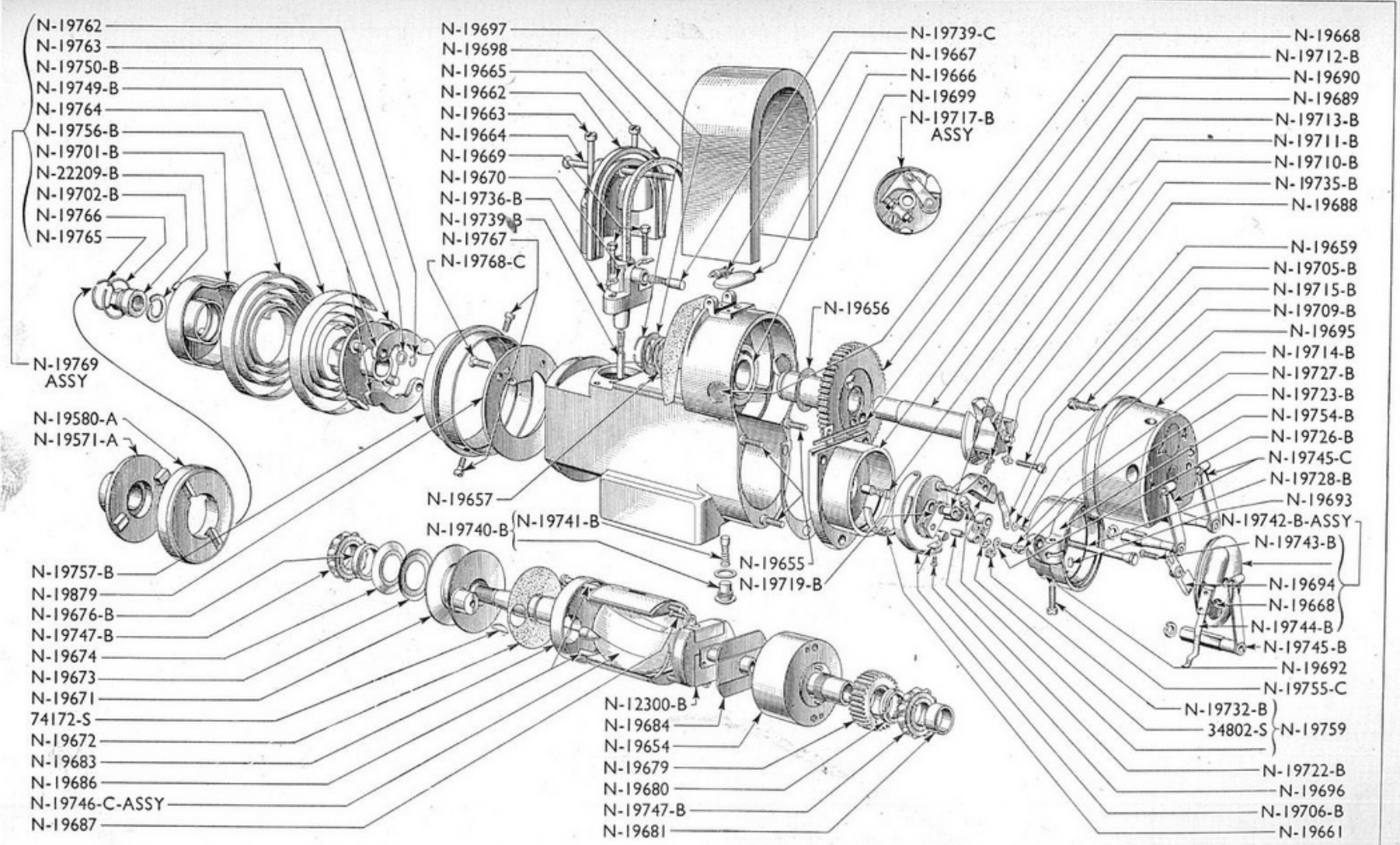

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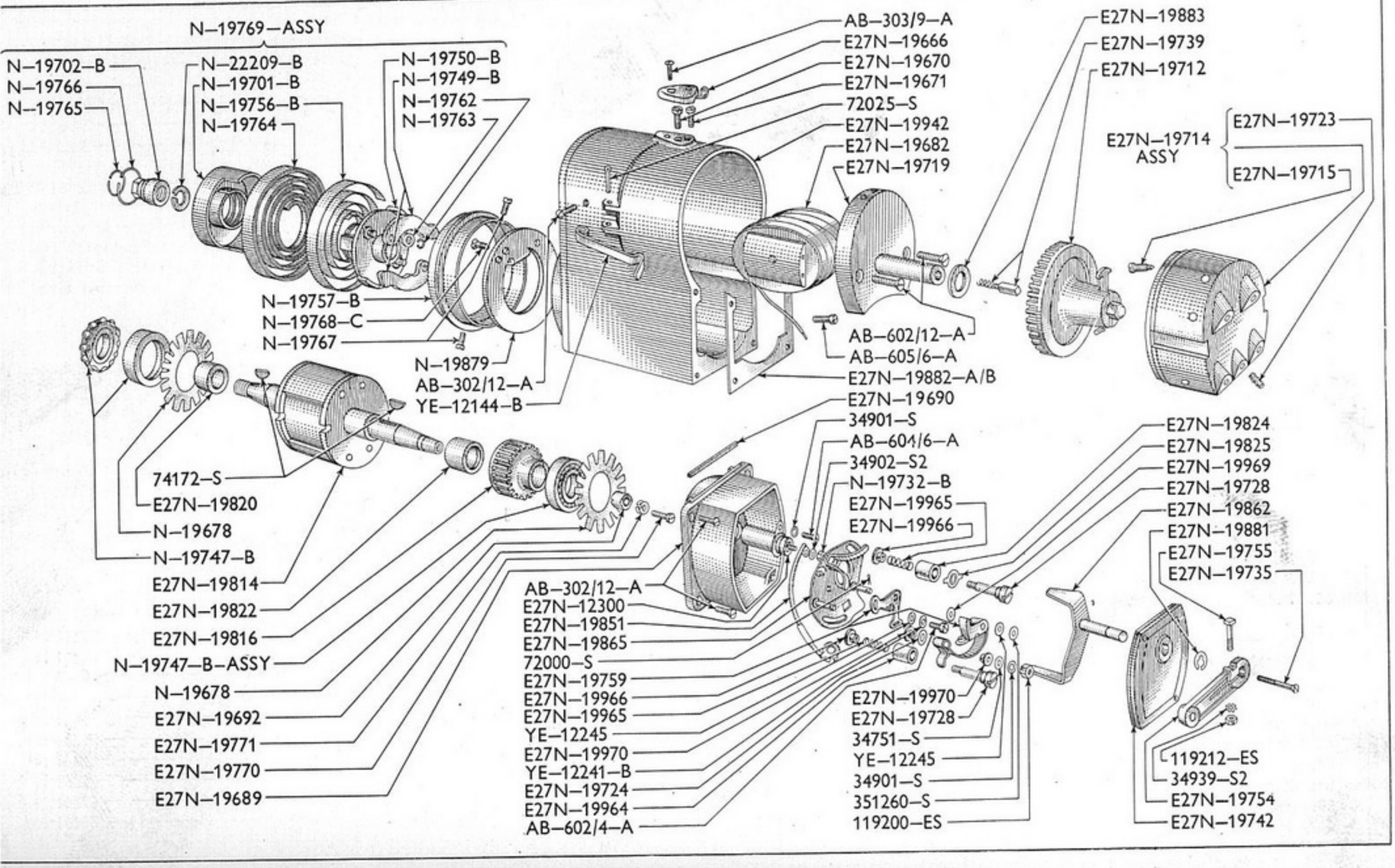
PLATE 10

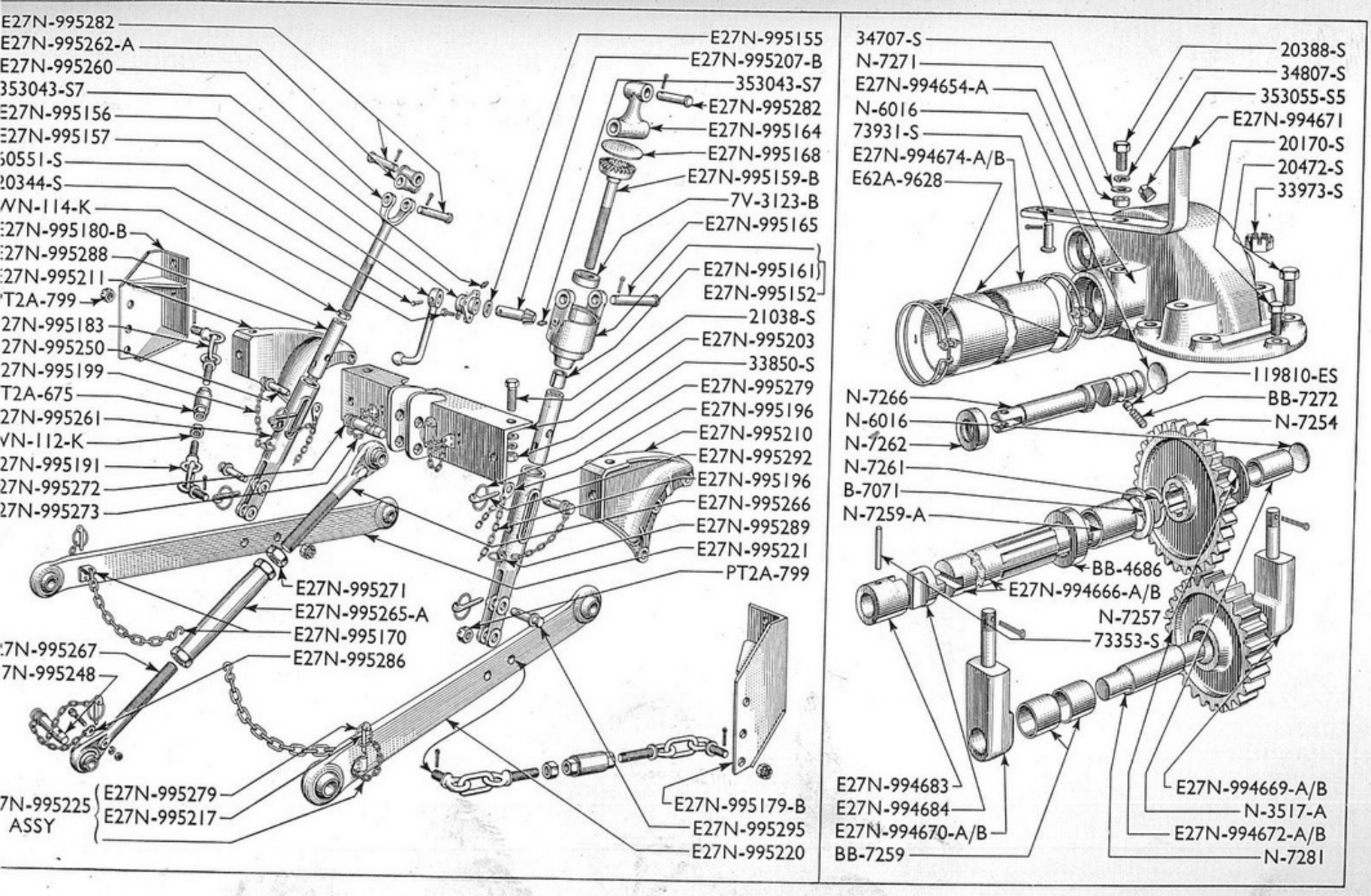

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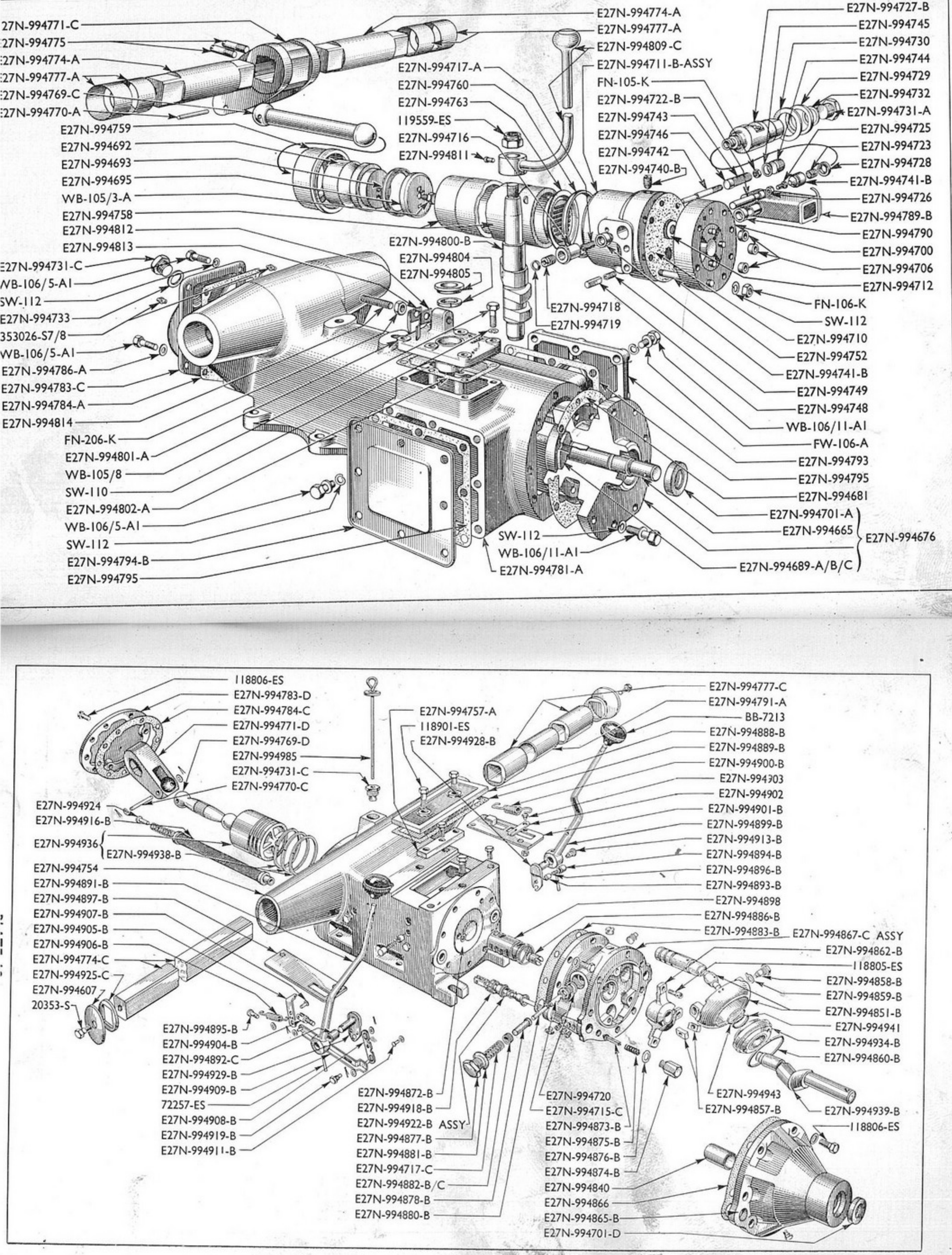

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E27N-994922-B ASSY
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E27N-994881-B
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E27N-994880-B
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E27N-994876-B
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E27N-994867-C ASSY
E27N-994862-B
118805-ES
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E27N-994851-B
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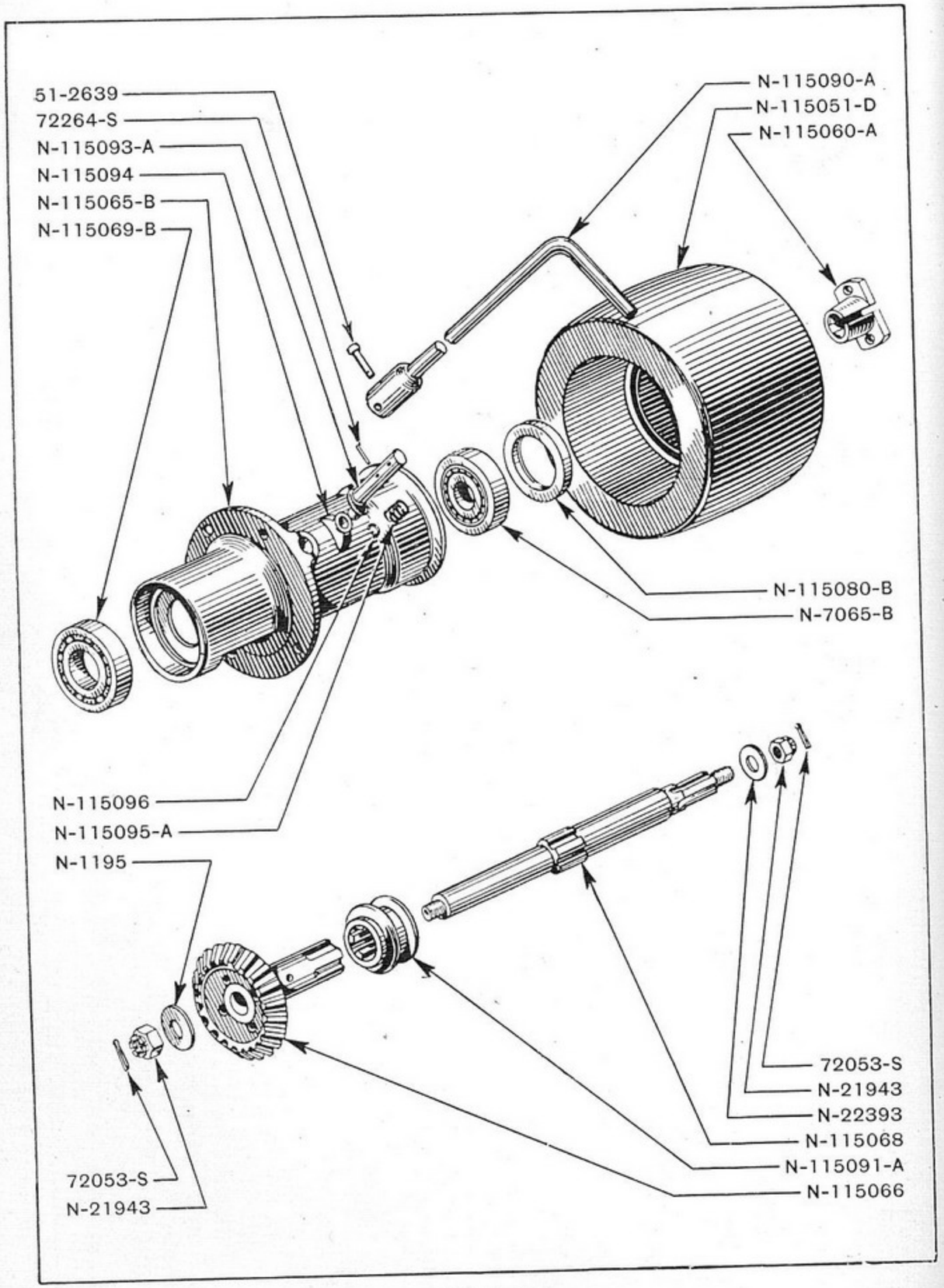

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N-1195
72053-S
N-21943
72053-S
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PLATE 19


Fordson