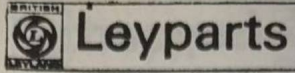


Leyparts

PROVISIONAL INDEX
of Units for
Leyland NATIONAL BUS Chassis Type FPB7

| Description | Unit | Group | Sub Group | PL Number |
|--------------------------|-------------------------------------|-------|------------------|-----------|
| Engine | EO.510/100 | A | See Engine Index | 105383 |
| Engine air filter | EAF.143 | | A12 | 105767 |
| Clutch | C.92 | B | B1 | 105706 |
| Engine mounting | ME.122 | | B3 | 105726 |
| Radiator | R.352 | | B4 | 105696 |
| Radiator piping | RP.175 | | B5 | 105725 |
| Radiator mounting group | RMG.1 | | B5A | 105701 |
| Cooling fan drive | CFD.28 | | B12 | 105667 |
| Gearbox | GB.395 | C | C1 | 106062 |
| Speedometer drive | SD.49, 50, 51 | | C3 | 105841 |
| Propeller shaft | PS.721 | | C4 | 105842 |
| Gearbox mounting | GBM.45 | | C11 | 105702 |
| Rear axle | BA.1448) BA.1449) BA.1450) | D | D1 | 106007 |
| Rear wheel | RW.225/109/63/1 | | D2 | 105698 |
| Rear spring | RS.334 | | D3 | 105700 |
| Rear suspension unit | RSU.2 | | D3A | 105826 |
| Rear shock absorber | RSA.34 | | D6 | 105693 |
| Front axle | FA.314 | E | E1 | 105840 |
| Steering gear | SG.241 & N/SG.241 | | E2 | 106055 |
| Power steering equipment | PSE.85 | | E3 | 105727 |
| Front wheel | FW.225/109/63/1 | | E5 | 105699 |
| Front spring | FS.278 | | E6 | 105695 |
| Front suspension unit | FSU.1 | | E6A | 105827 |
| Front shock absorber | FSA.47 | | E7 | 105694 |
| Hydraulic piping | PH.2 | | E10 | 105707 |
| Operating pedals | OP.280 | F | F3 | 105843 |
| Chassis equipment | CE.637 | G | G4 | 105703 |
| Fuel piping | PF.278 | | G8 | 106688 |
| Air piping | PA.517 | | G10 | 106875 |
| Silencer and exhaust | SE.295 | | G12 | 106784 |
| Brake piping | PB.60 | | G26 | 105728 |
| Electrical | EC.1316 | H | See Body Index | 105668 |
| Bus Body | CBB.1 | J | See Body Index | 106164 |



ENGINE
EO.510/100
PL 105383



INDEX
of Parts for
LEYLAND ENGINE EO.510/100
Rating 180 hp @ 2000 rev/min

| Part No. | Part Name | Part No. | Part Name |
|----------|-----------|---------------------------|---------------------------|
| 10237 | A1 | CRANK CASE | Crank case |
| 10238 | A2 | CRANK SHAFT | Crank shaft |
| 10239 | A3 | PISTON AND CONNECTING ROD | Piston and connecting rod |
| 10240 | A4 | PUMP | Pump |
| 10241 | A5 | WATER PUMP | Water pump |
| 10242 | A6 | OIL PUMP | Oil pump |
| 10243 | A7 | FUEL PUMP STOP VALVE | Fuel pump stop valve |
| 10244 | A8 | INJECTOR | Injector |
| 10245 | A9 | COMPRESSOR | Compressor |
| 10246 | A10 | OIL FILTER | Oil filter |
| 10247 | A11 | FUEL FILTER | Fuel filter |
| 10248 | A12 | HYDRAULIC DRIVE | Hydraulic drive |
| 10249 | A13 | STARTER MOTOR | Starter motor |
| 10250 | A14 | HYDRAULIC SYSTEM | Hydraulic system |
| 10251 | A15 | EXHAUST EXHAUSTOR | Exhaust exhaustor |
| 10252 | A16 | CYLINDER BLOCK | Cylinder block |
| 10253 | A17 | HEAT EXCHANGER | Heat exchanger |

Part No. ... 00024
Gasket for ...

TP/0273

EO.510/100 Index

EO.510/100
PL 105383



Leyparts

Group

A

INDEX

of Units for

LEYLAND ENGINE EO.510/100

Rating: 180 bhp @ 2000 rev/min

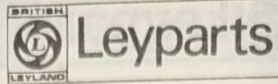
| Description | Unit | Sub Group | PL Number |
|-----------------------------|---------|-----------|-----------|
| Crankcase | ECC.304 | A1 | 105691 |
| Crankshaft | ECS.203 | A3 | 105765 |
| Pistons and connecting rods | ECN.129 | A4 | 104995 |
| Sump | ES.144 | A6 | 105766 |
| Water pump | EWP.159 | A7 | 105339 |
| Oil pump | EOP.100 | A8 | 105340 |
| Fuel pump <i>STOP CABLE</i> | EFP.244 | A9 | 105666 |
| Injectors | N.100 | A10 | 105697 |
| Compressor | ECR.119 | A11 | 106789 |
| Oil filter | EOF.60 | A13 | 105358 |
| Fuel filter | EFF.158 | A14 | 105665 |
| Dynamo drive | DD.308 | A15 | 106006 |
| Starter motor | SM.136 | A16 | 105357 |
| Hydraulic system | EHS.26 | A18 | 105692 |
| Exhaust supercharger | ESC.49 | A21 | 105664 |
| Cylinder block | ECB.24 | A23 | 105845 |
| Heat exchanger | HE.17 | A25 | 105768 |

Gasket kits

Part

Overhaul 860074

ECC.304
PL 105691



| Illus. ref. | Part | Description | Quantity per unit |
|------------------------|----------|--|-------------------|
| Sub Group A.1 | | | |
| CRANKCASE UNIT ECC.304 | | | |
| 135 | 10804125 | CRANKCASE and bearing caps sub assembly | 1 |
| 1 | 801875 | CAP main bearing front and rear | 2 |
| 2 | 801876 | CAP main bearing centre | 1 |
| 3 | 801877 | CAP main bearing intermediate | 4 |
| 4 | 802164 | DOWEL | 1 |
| 5 | 801878 | SETSCREW | 14 |
| 6 | 802028 | COVER oil gallery | 1 |
| 7 | 801858 | O-RING for cover | 1 |
| 8 | SH108201 | SETSCREW M8 x 20) | 2 |
| 9 | 801661 | WASHER) Cover to crankcase | 2 |
| 10 | 802045 | PLUG) Oilway to | 15 |
| 11 | 802063 | WASHER) main bearing | 15 |
| 12 | 10804723 | COVER front gear sub assembly | 1 |
| 13 | 10803388 | INSERT helicoil thread | 4 |
| 14 | 10803387 | INSERT helicoil thread | 6 |
| 15 | 10805338 | COVER rear gear upper sub assembly | 1 |
| 16 | 10803387 | INSERT helicoil thread | 3 |
| 17 | 10803824 | HOUSING rear crankshaft seal | 1 |
| 18 | 10803915 | SEAL oil | 1 |
| 19 | 10805324 | HOUSING front crankshaft seal | 1 |
| 20 | 10803915 | SEAL oil | 1 |
| 21 | 802335 | O-RING | 2 |
| 22 | 802336 | FERRULE | 2 |
| 136 | 10806215 | PLUG | 1 |
| 137 | 802335 | O-RING | 1 |
| 23 | 10803760 | PIPE oil supply sub assembly | 1 |
| 24 | 802278 | DOWEL cylinder block to crankcase | 2 |
| 25 | 802279 | DOWEL rear gear plate and front wheel housing to crankcase | 2 |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-----------|--|-------------------|
| 26 | 10804337 | STUD special) | 12 |
| 27 | 801651 | WASHER) | 12 |
| 28 | 10803454 | NUT M12 x 1.75) Cylinder block | 12 |
| 29 | 10804336 | STUD special M16) to crankcase | 14 |
| 30 | 801653 | WASHER) | 14 |
| 31 | 10806257 | NUT) | 14 |
| 32 | 10805947 | BEARING main front centre rear intermediate comprising 3 pairs No. 10805939 and 4 pairs No. 10805938 | 1 set |
| 33 | 802106 | WASHER thrust cap side | 2 |
| 34 | 802107 | WASHER thrust crankcase side | 2 |
| 35 | 802124 | COVER relief valve | 1 |
| 36 | 802123 | PISTON oil pressure relief valve | 1 |
| 37 | 802125 | SPRING | 1 |
| 38 | 802112 | WASHER adjustment | 1 |
| 39 | 10803305 | COVER relief valve face topside | 1 |
| 40 | 800941 | O-RING | 2 |
| 41 | 801707/25 | STUD relief valve to crankcase | 2 |
| 42 | 801707/22 | STUD cover to crankcase | 2 |
| 43 | 801662 | WASHER | 4 |
| 44 | NH110041 | NUT M10 | 4 |
| 45 | 802178 | PLATE cover centre filter facing | 2 |
| 46 | 800932 | O-RING) | 2 |
| 47 | 800934 | O-RING) Cover to crankcase | 2 |
| 48 | 801707/22 | STUD) | 8 |
| 49 | 801685 | WASHER spring) | 8 |
| 50 | NH110041 | NUT M10) | 8 |
| 51 | 10803480 | PLATE cover fuel pump facing | 2 |
| 52 | 800934 | O-RING) | 2 |
| 53 | 10803479 | JOINT) Plate to crankcase | 2 |
| 54 | SH110251 | SETSCREW M10 x 25) | 8 |
| 55 | 801685 | WASHER spring) | 8 |
| 56 | 802166 | PLATE engine serial | 1 |
| 57 | 802171 | DRIVE screw engine serial plate | 4 |
| 58 | 10804872 | PLATE rear gear | 1 |
| 59 | 801959 | GEAR idler small | 1 |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-----------|--|-------------------|
| 60 | 801960 | GEAR idler large | 1 |
| 61 | 801952 | GEAR idler hub | 2 |
| 62 | 801953 | WASHER thrust) | 2 |
| 63 | 801954 | BUSH) Idler gears | 2 |
| 64 | 10803757 | PLATE end) | 2 |
| 65 | SA108351 | SCREW countersunk head M8 x 35) | 4 |
| 66 | SA108451 | SCREW countersunk head M8 x 45) | 1 |
| 67 | 10804187 | STUD M8) Gear hub | 3 |
| 68 | 801684 | WASHER) | 3 |
| 69 | NH108041 | NUT M8) | 3 |
| 70 | 802264 | O-RING) | 1 |
| 71 | SH108161 | SETSCREW M8 x 16) Oil supply flange | 2 |
| 72 | 10803372 | PLATE locking) to crankcase | 2 |
| 73 | 802264 | O-RING) | 1 |
| 74 | BH108061 | BOLT M8 x 30) Oil supply flange | 2 |
| 75 | 801661 | WASHER) to tappet block | 2 |
| 76 | 802264 | O-RING idler gear hub | 2 |
| 77 | 10804200 | O-RING rear gear plate to crankcase | 2 |
| 78 | 10803695 | HOUSING flywheel | 1 |
| 79 | 802739 | JOINT) | 1 |
| 80 | 801706/18 | STUD) Crankshaft seal | 6 |
| 81 | 801661 | WASHER) housing rear | 6 |
| 82 | NH108041 | NUT M8) | 6 |
| 83 | 10803318 | PLATE timing instruction | 1 |
| 84 | 802171 | DRIVE SCREW for timing instruction plate | 4 |
| 85 | 801710/50 | STUD) | 3 |
| 86 | 801665 | WASHER Shakeproof) Starter motor | 3 |
| 87 | NH116041 | NUT 16 mm) | 3 |
| 88 | 10806221 | SWITCH oil pressure | 1 |
| 89 | 146855 | WASHER) | 1 |
| 90 | 10803996 | ADAPTER) For pressure switch | 1 |
| 91 | 802063 | WASHER) | 1 |
| 92 | SA110251 | SCREW countersunk head M10 x 25 rear gear plate to crankcase | 4 |

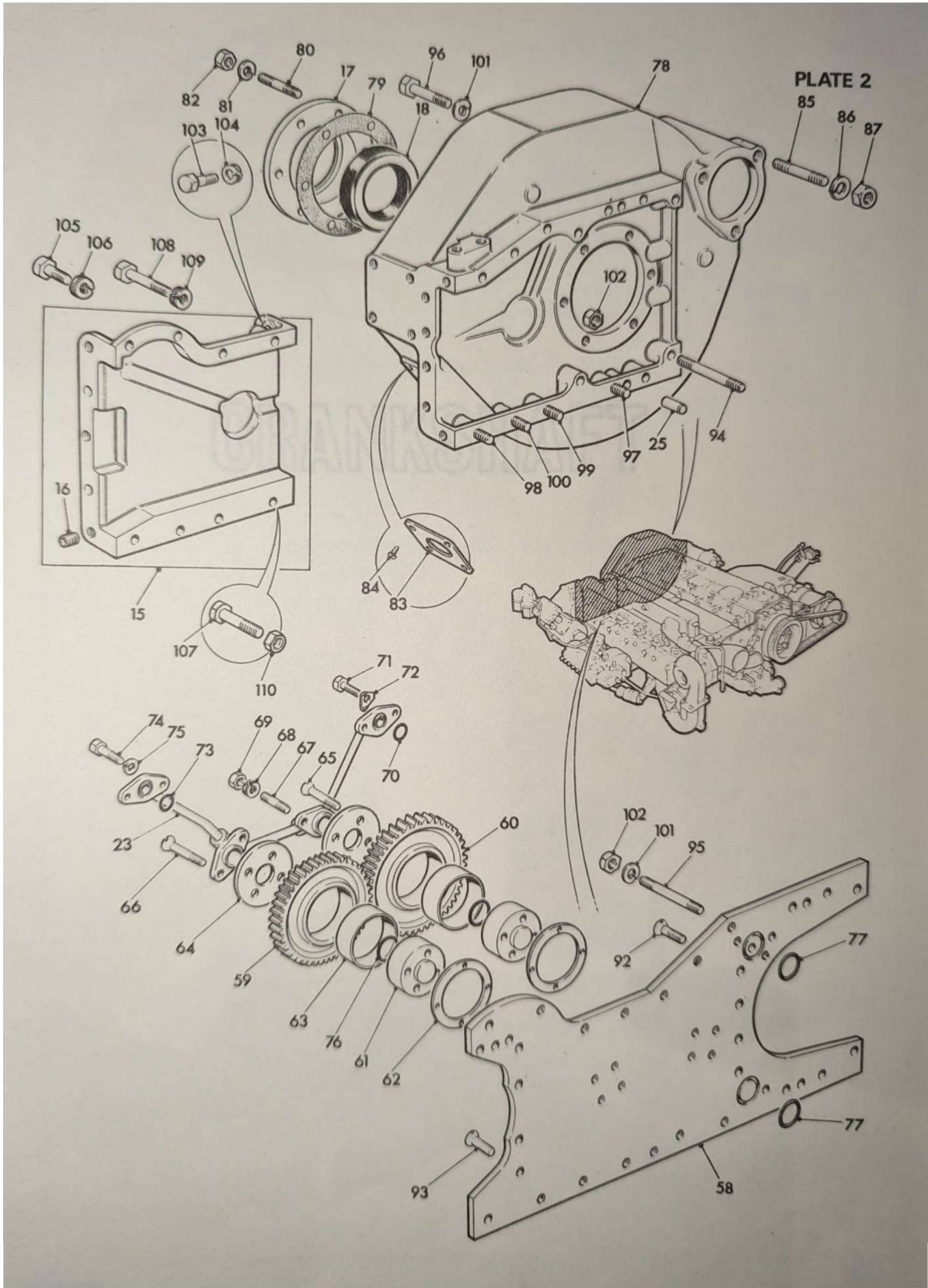
| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-----------|--|-------------------|
| 93 | SA108251 | SCREW countersunk head M8 x 25 rear gear plate to tappet block | 4 |
| 94 | 801707/75 | STUD M10 flywheel housing to crankcase | 1 |
| 95 | 802300 | STUD special flywheel housing to gear plate | 1 |
| 96 | BH110161 | BOLT M10 x 80) Flywheel housing | 1 |
| 97 | BH110151 | BOLT M10 x 75) to crankcase | 6 |
| 98 | BH110121 | BOLT M10 x 60) Flywheel housing | 1 |
| 99 | BH110141 | BOLT M10 x 70) to gear plate | 2 |
| 100 | BH110161 | BOLT M10 x 80) | 2 |
| 101 | 801662 | WASHER) For above studs | 14 |
| 102 | NH110041 | NUT M10) and bolts | 2 |
| 103 | SH108251 | SETSCREW M8 x 25) Gear cover to | 6 |
| 104 | 801684 | WASHER) flywheel housing | 6 |
| 105 | SH108201 | SETSCREW M8 x 20) Gear cover to | 6 |
| 106 | 801684 | WASHER) gear plate | 6 |
| 107 | BH108181 | BOLT M8 x 90) | 1 |
| 108 | BH108171 | BOLT M8 x 85) Gear cover to gear plate | 1 |
| 109 | 801684 | WASHER) and tappet block | 2 |
| 110 | NH108041 | NUT M8) | 2 |
| 111 | 10804703 | PLATE front gear | 1 |
| 112 | 802325 | DOWEL for gear plate | 2 |
| 113 | 10805580 | GEAR idler front | 1 |
| 114 | 10805581 | GEAR idler hub | 1 |
| 115 | 802828 | WASHER thrust | 1 |
| 116 | 10805875 | BEARING roller | 1 |
| 117 | SA108351 | SCREW countersunk head M8 x 35 | 4 |
| 118 | 10804913 | PLATE end | 1 |
| 119 | SA108201 | SCREW countersunk head M8 x 20 | 2 |
| 120 | BH108131 | BOLT M8 x 65) | 2 |
| 121 | BH108111 | BOLT M8 x 55) Front cover and gear | 6 |
| 122 | BH108061 | BOLT M8 x 30) plate to crankcase | 2 |
| 123 | 802684 | WASHER) | 10 |
| 124 | BH108091 | BOLT M8 x 45) Front cover to | 2 |
| 125 | 801684 | WASHER) gear plate | 2 |

ECC.304
PL 105691



| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-----------|--------------------|-------------------|
| 126 | 10804193 | STUD M8) | 4 |
| 127 | 801661 | WASHER) | 4 |
| 128 | NH108041 | NUT M8) | 4 |
| 129 | 802739 | JOINT) | 1 |
| 130 | SH108201 | SETSCREW M8 x 20) | 6 |
| 131 | 802062 | WASHER) | 6 |
| 132 | 801706/28 | STUD M8) | 2 |
| 133 | 801661 | WASHER) | 2 |
| 134 | NH108041 | NUT M8) | 2 |



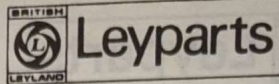




CRANKSHAFT

| Quantity per unit | Description | Part No. | Illustration Ref. |
|-------------------|--|----------|-------------------|
| 1 | CRANKSHAFT UNIT ECS 203 | 1082823 | 1 |
| 3 | GEAR crankshaft replaced by 1082823 from 24.4.72 | 1082820 | 2 |
| 3 | KEY | 80284 | 3 |
| 3 | SLEEVE | 1082823 | 4 |
| 1 | CRANK PIN replaced by 1082823 from 24.4.72 | 1082820 | 5 |
| 1 | CRANK PIN | 80240 | 6 |
| 1 | CRANK PIN | 84330 | 7 |
| 1 | CRANK PIN | 80231 | 8 |
| 3 | SET SCREW M8 x 20 - special housing to flywheel | 8445001 | 10 |
| 3 | WASHER | 80167 | 11 |
| 1 | DAMPER crankshaft | 1080776 | 12 |
| 1 | PULLEY | 1080807 | 13 |
| 1 | ADAPTER crankshaft | 1080777 | 14 |
| 1 | DOWEL (flywheel to crankshaft) | 80284 | 15 |
| 4 | BOLT | 80226 | 16 |
| 4 | STUD M10 | 80170726 | 17 |
| 4 | WASHER | 801682 | 18 |
| 4 | NUT M10 | 80160041 | 19 |
| 4 | BOLT | 80226 | 20 |
| 4 | BOLT M10 x 40 | 80160041 | 21 |
| 2 | FLAT WASHER | 1080730 | 22 |
| 2 | DOWEL | 80226 | 23 |
| 2 | PLATE drive sub assembly | 1082819 | 24 |

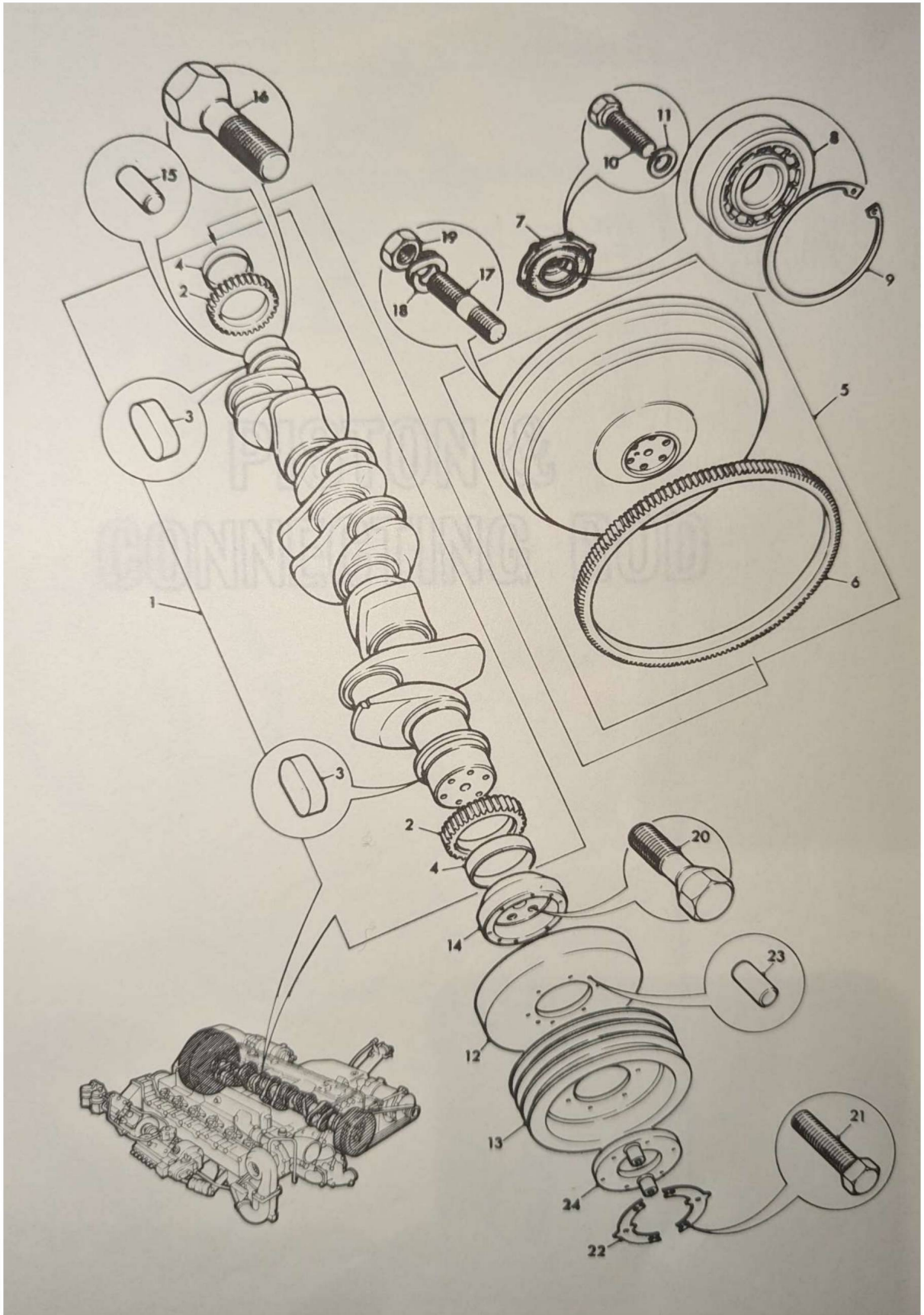
ECS.203
PL 105765



| Illus. ref. | Part | Description | Quantity per unit |
|-------------------------|-----------|---|-------------------|
| Sub Group A.3 | | | |
| CRANKSHAFT UNIT ECS.203 | | | |
| 1 | 10803925 | CRANKSHAFT sub assembly replaced by 10806148 from 24.4.72 | 1 |
| 2 | 10803950 | GEAR crankshaft replaced by 10806130 from 24.4.72 | 2 |
| 3 | 802175 | KEY | 2 |
| 4 | 1803823 | SLEEVE | 2 |
| 5 | 10805180 | CASING flywheel sub assembly | 1 |
| 6 | 802374 | RING starter | 1 |
| 7 | 802405 | HOUSING spigot bearing | 1 |
| 8 | 842360 | BEARING roller | 1 |
| 9 | 802501 | CIRCLIP | 1 |
| 10 | SH108201 | SETSCREW M8 x 20) Spigot housing | 3 |
| 11 | 801661 | WASHER) to flywheel | 3 |
| 12 | 10804776 | DAMPER crankshaft | 1 |
| 13 | 10804807 | PULLEY | 1 |
| 14 | 10804777 | ADAPTER crankshaft | 1 |
| 15 | 802164 | DOWEL) | 1 |
| 16 | 802266 | BOLT) Flywheel to crankshaft | 6 |
| 17 | 801707/28 | STUD M10) | 4 |
| 18 | 801685 | WASHER spring) Flywheel to fluid clutch | 4 |
| 19 | NH110041 | NUT M10) | 4 |
| 20 | 802267 | BOLT) | 6 |
| 21 | BH110081 | BOLT M10 x 40) | 6 |
| 22 | 10805130 | PLATE locking) Adapter to crankshaft | 6 |
| 23 | 802280 | DOWEL) | 2 |
| 24 | 10805019 | PLATE drive sub assembly | 1 |

A3.2

TP/1172*





Leyparts

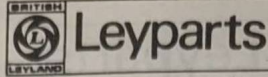
PISTON AND CONNECTING ROD

ECN. 129

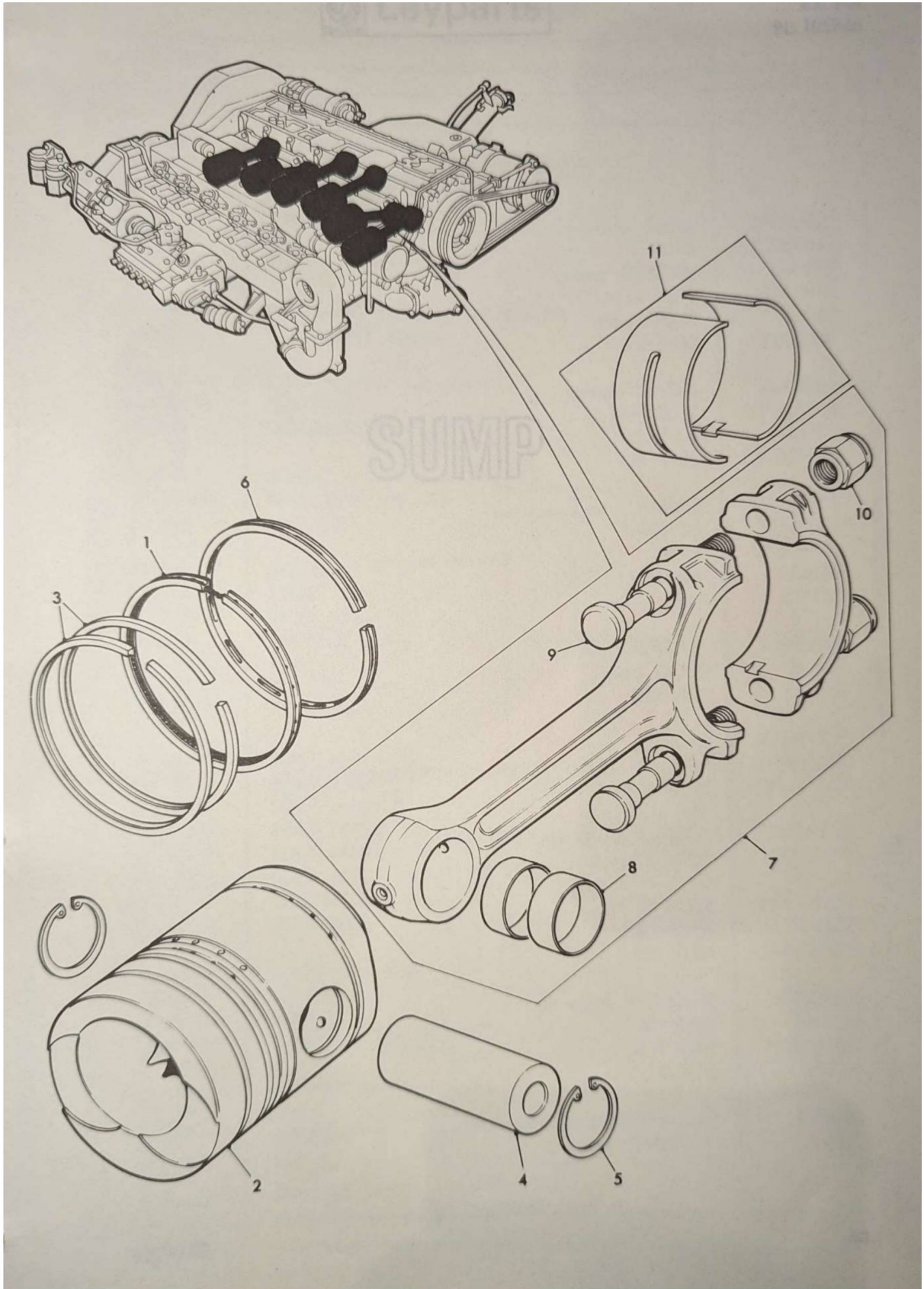
PL 104995

PISTON & CONNECTING ROD

ECN.129
 PL 104995



| Illus. ref. | Part | Description | Quantity per unit |
|--|----------|---|----------------------|
| Sub Group A.4 | | | |
| PISTON AND CONNECTING ROD UNIT ECN.129 | | | |
| 1 | 803039 | RING spring loaded oil scraper sub assembly | 6 |
| 2 | 803131 | PISTON | 6 |
| 3 | 803037 | RING piston | 12 |
| 4 | 803102 | PIN | 6 |
| 5 | 803133 | CIRCLIP internal 1.75" bore | 12 |
| 6 | 10806025 | RING slotted scraper | 6 |
| 7 | 803135 | ROD connecting sub assembly | 1 |
| 8 | 802971 | BUSH small end | 2 |
| 9 | 801866 | BOLT | 2 |
| 10 | 801867 | NUT | 2 |
| 11 | 10806398 | BEARING big end set comprises | 1 |
| | 10806397 | BEARING big end sub assembly | 6 pairs |





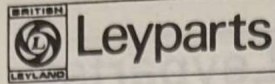
Leyparts

SUMP
ES.144
PL 105766

| Part No. | Description | Quantity |
|----------|-----------------------------|----------|
| 551545 | RETAINER | 1 |
| 10K5880 | SCREW | 1 |
| W5044 | SUMP UNIT | 1 |
| 51815 | HANDLE inner | 1 |
| 241374 | PIN | 1 |
| 1001041 | WASHER spring | 1 |
| 202570 | NUT M10 | 1 |
| 1001041 | PLUG core | 1 |
| 202570 | WASHER | 1 |
| 1001041 | PIPE breather sub assembly | 1 |
| 1001041 | DIPSTICK | 1 |
| 1001041 | SEPARATOR | 1 |
| 1001041 | WASHER | 1 |
| 1001041 | NUT M8 | 1 |
| 1001041 | JOINT | 1 |
| 1001041 | SETSCREW 20 x 8M | 1 |
| 1001041 | WASHER | 1 |
| 1001041 | STUD | 1 |
| 1001041 | JOINT | 1 |
| 1001041 | STUD | 1 |
| 1001041 | WASHER | 1 |
| 1001041 | NUT 8 mm | 1 |
| 1001041 | WASHER | 1 |
| 1001041 | PLUG core | 1 |
| 1001041 | WASHER | 1 |
| 1001041 | STUD | 1 |
| 1001041 | WASHER 10 mm | 1 |
| 1001041 | NUT M10 | 1 |
| 1001041 | BOLT M10 | 1 |
| 1001041 | BOLT M10 | 1 |
| 1001041 | TUBE dipstick sub assembly | 1 |
| 1001041 | TUBE dipstick sub assembly | 1 |
| 1001041 | WASHER | 1 |
| 1001041 | SETSCREW M8 x 20 | 1 |
| 1001041 | WASHER | 1 |
| 1001041 | NUT M8 | 1 |
| 1001041 | JOINT | 1 |
| 1001041 | CAP oil filler sub assembly | 1 |
| 1001041 | RING joint | 1 |
| 1001041 | BRACKET | 1 |

SUMP

ES.144
PL 105766



| Illus. ref. | Part | Description | Quantity per unit |
|------------------|------|-----------------------------------|----------------------|
| Sub Group A.6 | | | |
| SUMP UNIT ES.144 | | | |
| 10804758 | | SUMP inner | 1 |
| 801707/25 | | STUD | 4 |
| 801685 | | WASHER spring | 4 |
| NH110041 | | NUT M10 | 4 |
| 802687 | | PLUG core | 1 |
| 802755 | | WASHER | 1 |
| 10803387 | | INSERT thread) | 6 |
| 801706/25 | | STUD M8) Outer to | 20 |
| 801684 | | WASHER) inner sump | 20 |
| NH108041 | | NUT M8) | 20 |
| 801706/70 | | STUD) | 2 |
| 10805617 | | JOINT) | 1 |
| 801706/22 | | STUD) Breather housing | 1 |
| 801684 | | WASHER) | 3 |
| 801672 | | NUT 8 mm) | 3 |
| 10804814 | | SUMP oil outer | 1 |
| 802687 | | PLUG core | 2 |
| 802755 | | WASHER | 2 |
| 801707/25 | | STUD) | 4 |
| 801662 | | WASHER 10 mm) Oil filler to sump | 4 |
| NH110041 | | NUT M10) | 4 |
| 10804933 | | TUBE oil filler sub assembly | 1 |
| 10805579 | | TUBE dipstick sub assembly | 1 |
| 801706/18 | | STUD) | 2 |
| 801661 | | WASHER) Dipstick tube | 2 |
| NH108041 | | NUT M8) to sump | 2 |
| SH108201 | | SETSCREW M8 x 20) | 1 |
| 801661 | | WASHER) Dipstick tube | 1 |
| NH108041 | | NUT M8) to oil filler | 1 |
| 802751 | | JOINT) | 1 |
| 246793 | | CAP oil filler sub assembly | 1 |
| 581730 | | RING joint | 1 |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------|------------------------------------|-------------------|
| 581545 | | RETAINER filler cap | 1 |
| 10K5880 | | SCREW 2 B.A. x 1/2" | 1 |
| X40849 | | NUT 2 B.A. | 1 |
| 518657 | | HANDLE lifting | 1 |
| 246796 | | PIN | 1 |
| 10805646 | | HOUSING breather sub assembly | 1 |
| 10803387 | | INSERT thread | 3 |
| 10803804 | | PIPE breather sub assembly | 1 |
| 10805578 | | DIPSTICK | 1 |
| 802784 | | SEPARATOR air and oil | 1 |
| 802783 | | JOINT) | 2 |
| SH108201 | | SETSCREW M8 x 20) Breather pipe | 3 |
| 801661 | | WASHER) and separator | 3 |
| 10803564 | | JOINT) | 1 |
| 10803773 | | STUD collared M10) | 1 |
| 801707/30 | | STUD M10 x 30) | 4 |
| 801685 | | WASHER spring) Sump to crankcase | 5 |
| NH110041 | | NUT M10) | 5 |
| 801650 | | WASHER plain 10 mm) | 2 |
| 10803453 | | NUT Cleveloc M10) | 1 |
| BH110071 | | BOLT M10 x 35) | 14 |
| BH110111 | | BOLT M10 x 55) | 1 |
| BH110161 | | BOLT M10 x 80) | 4 |
| BH110241 | | BOLT M10 x 120) | 1 |
| BH110301 | | BOLT M10 x 150) Sump to crankcase | 1 |
| BH110320 | | BOLT M10 x 160) | 5 |
| 801685 | | WASHER spring) | 26 |
| 10804549 | | SETSCREW) | 1 |
| 10804578 | | PLATE sandwich | 1 |
| 10803812 | | JOINT | 2 |
| 10803528 | | JOINT | 2 |
| 10803527 | | PLATE perforated | 1 |
| 801685 | | WASHER spring) | 2 |
| 500097 | | PIN) Filler handle | 1 |
| 246797 | | SPRING) | 2 |
| 246798 | | PIN) | 1 |
| 10904196 | | BRACKET) Wiring harness to sump | 1 |
| 10904052 | | BRACKET) | 1 |



Leyparts

WATER PUMP

EWP.159

PL 105339

WATER PUMP

| Quantity per unit | Description | Part | Ref. |
|-------------------|--|----------|------|
| 1 | ENGINE WATER PUMP UNIT EWP.159 | 1050000 | 1 |
| 1 | Sub Group A.7 | 1050000 | 2 |
| 1 | WASHER 8 mm single-cut | 80160 | 3 |
| 1 | NUT M8 | 1011000 | 4 |
| 1 | STUD M8 | 8010000 | 5 |
| 1 | STUD M8 | 8010000 | 6 |
| 1 | STUD M8 | 8010000 | 7 |
| 1 | WASHER 8 mm single-cut | 80160 | 8 |
| 1 | NUT M8 | 1011000 | 9 |
| 1 | STUD M8 | 8010000 | 10 |
| 1 | SEAL water pump sub assembly | 802178 | 11 |
| 1 | SEAL oil | 802492 | 12 |
| 1 | SHAFT driving | 1080367 | 13 |
| 1 | BEARING ball | 802022 | 14 |
| 1 | BEARING roller | 802022 | 15 |
| 1 | DISTANCE PIECE | 1080040 | 16 |
| 1 | DISTANCE PIECE | 1080041 | 17 |
| 1 | CIRCLE | 802022 | 18 |
| 1 | GEAR driving | 1080367 | 19 |
| 1 | NUT special | 1080367 | 20 |
| 1 | SCREW Halfball M6x12x1.2 | 1080407 | 21 |
| 1 | COVER water pump | 1080302 | 22 |
| 1 | JOINT | 1080418 | 23 |
| 1 | HOUSING bearing | 1080306 | 24 |
| 1 | JOINT | 1080308 | 25 |
| 1 | SCREW bearing housing to pump casing | 2A108100 | 26 |
| 1 | WASHER | 802000 | 27 |
| 1 | ADAPTER | 1080447 | 28 |
| 1 | LOCKWASHER | 1080124 | 29 |
| 1 | BRACKET driving pulley to water pump cover | 1080403 | 30 |

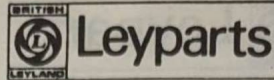
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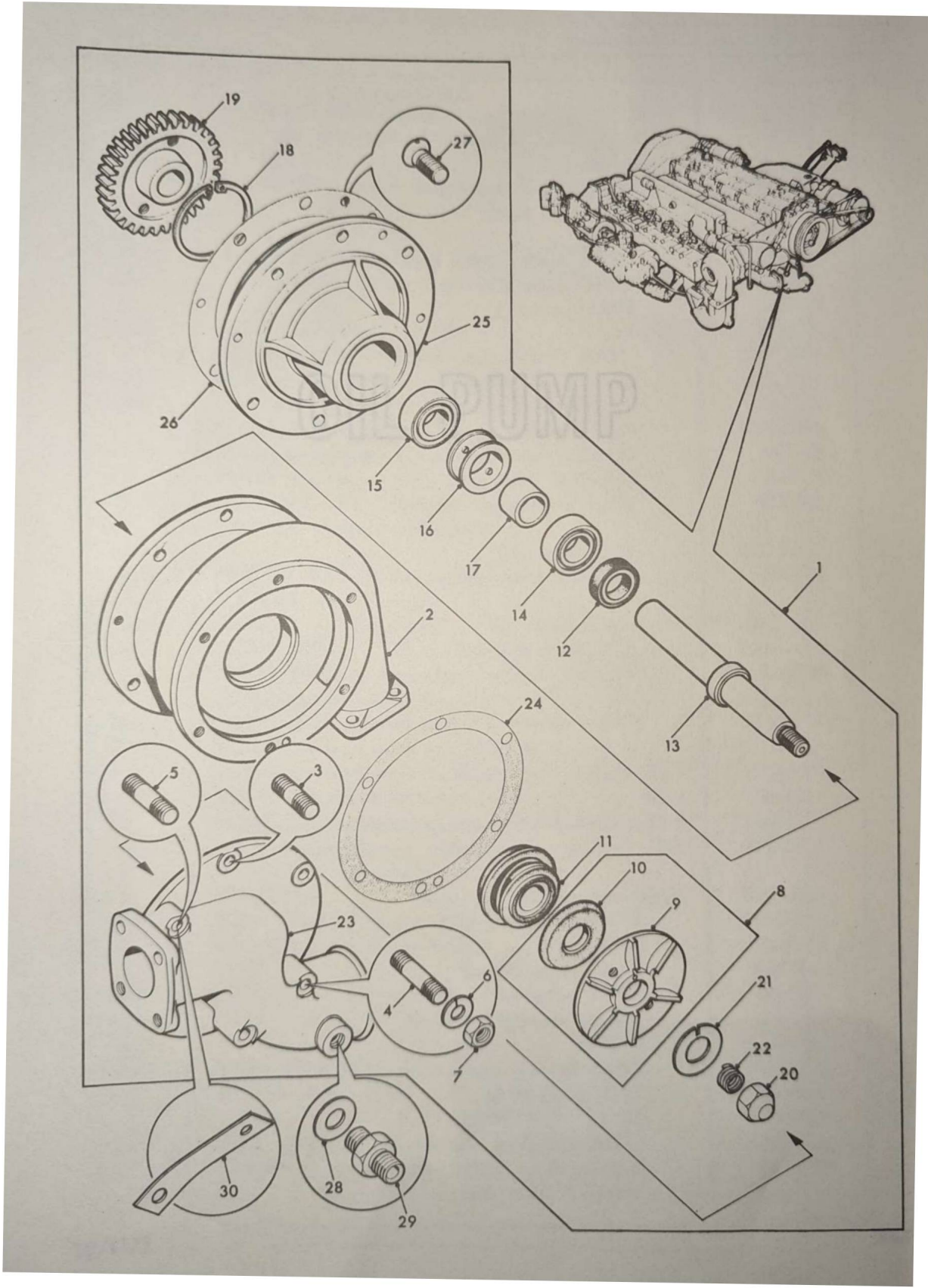
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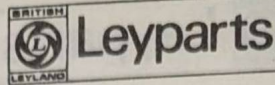
EWP. 159
PL 105339



| Illus. ref. | Part | Description | Quantity per unit |
|---------------------------------|-----------|--|-------------------|
| Sub Group A.7 | | | |
| ENGINE WATER PUMP UNIT EWP. 159 | | | |
| 1 | 10804842 | PUMP water assembly | 1 |
| 2 | 10804704 | CASING | 1 |
| 3 | 801706/20 | STUD M8 | 3 |
| 4 | 801706/55 | STUD M8 | 2 |
| 5 | 801706/50 | STUD M8 | 1 |
| 6 | 801661 | WASHER 8 mm single coil | 6 |
| 7 | NH108041 | NUT M8 | 6 |
| 8 | 10803993 | IMPELLER assembly | 1 |
| 9 | 10803645 | IMPELLER | 1 |
| 10 | 801069 | INSERT ceramic sub assembly | 1 |
| 11 | 802176 | SEAL water pump sub assembly | 1 |
| 12 | 802495 | SEAL oil | 1 |
| 13 | 10803639 | SHAFT driving | 1 |
| 14 | 802022 | BEARING ball | 1 |
| 15 | 802023 | BEARING roller | 1 |
| 16 | 10803640 | DISTANCE PIECE | 1 |
| 17 | 10803641 | DISTANCE PIECE | 1 |
| 18 | 802027 | CIRCLIP | 1 |
| 19 | 10803630 | GEAR driving | 1 |
| 20 | 10805283 | NUT special | 1 |
| 22 | 10804607 | SCREW Helicoil MG112CK x 12 | 1 |
| 23 | 10804705 | COVER water pump | 1 |
| 24 | 10804718 | JOINT | 1 |
| 25 | 10804706 | HOUSING bearing | 1 |
| 26 | 10804708 | JOINT | 1 |
| 27 | SA106160 | SCREW bearing housing to pump casing | 3 |
| 28 | 802066 | WASHER) Water return | 1 |
| 29 | 10806647 | ADAPTER) from compressor | 1 |
| 21 | 10806156 | LOCKWASHER | 1 |
| 30 | 10904055 | BRACKET wiring harness to water pump cover | 1 |



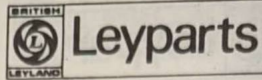
EOP. 100
PL 105340



| Illus. ref. | Part | Description | Quantity per unit |
|------------------------|------|---|-------------------|
| Sub Group A.8 | | | |
| OIL PUMP UNIT EOP. 100 | | | |
| | | | 1 |
| 10804005 | | PUMP supply oil assembly | 1 |
| 801820 | | BODY oil pump | 1 |
| 801806 | | BUSH | 1 |
| 801814 | | GEAR pump driven | 1 |
| 801815 | | GEAR pump idler | 1 |
| 801843 | | SHAFT driving | 1 |
| 801941 | | KEY | 1 |
| 10803815 | | GEAR driving replaced by 10805959 on 12.6.72 | 1 |
| 10803738 | | COVER oil pump | 1 |
| 801840 | | JOINT cover to pump body | 1 |
| 10804006 | | PLATE mounting replaced by 10806974 on 1.9.72 | 1 |
| 801846 | | DOWEL pump body to mounting plate | 2 |
| 801807 | | SPINDLE idler gear | 1 |
| 802079 | | BOLT driving gear to shaft | 4 |
| SH108201 | | BOLT M8 x 20) | 6 |
| 801661 | | WASHER 8 mm single coil) Pump cover to body | 6 |
| SH110301 | | BOLT M10 x 30) | 4 |
| NH10041 | | NUT M10 deleted 1.9.72) Pump to | 4 |
| 801662 | | WASHER 10 mm single coil) mounting plate | 4 |
| 10806975 | | SHIM added 1.9.72 | as reqd. |
| 10804575 | | PIPE suction sub assembly | 1 |
| 10804615 | | CLIP | 1 |
| 10803802 | | PIPE delivery sub assembly pump to crankcase | 1 |
| 10803799 | | PIPE delivery sub assembly pump to sump | 1 |
| 10804007 | | PUMP scavenge oil assembly | 1 |
| 10803489 | | BODY oil pump | 1 |
| 801806 | | BUSH | 1 |
| 10803503 | | GEAR pump driven | 1 |
| 10803502 | | GEAR pump idler | 1 |
| 10803504 | | SHAFT driving | 1 |
| 801941 | | KEY | 1 |
| 10803509 | | GEAR driving replaced by 10806179 on 22.11.71 | 1 |
| 10803738 | | COVER oil pump | 1 |
| 801840 | | JOINT cover to pump body | 1 |
| 10803506 | | PLATE mounting replaced by 10806973 on 1.9.72 | 1 |
| 801846 | | DOWEL pump body to mounting plate | 2 |
| 10803505 | | SPINDLE idler gear | 1 |

| Illus. ref. | Part | Description | Quantity per unit | |
|-------------|----------|---|-----------------------------------|---|
| | 802079 | BOLT driving gear to shaft | 4 | |
| | SH108201 | BOLT M8 x 20 |) Pump cover) to body | |
| | 801661 | WASHER 8 mm single coil | | 6 |
| | SH110301 | BOLT M10 x 30 |) Pump to) mounting plate | |
| | NH110041 | NUT M10 deleted 1.9.72 | | 4 |
| | 801662 | WASHER 10 mm single coil | | 4 |
| | 10806975 | SHIM added 1.9.72 | as reqd. | |
| | 10804026 | PIPE suction sub assembly | 1 | |
| | 10803387 | INSERT THREAD helicoil | 2 | |
| | 10803770 | BRANCH suction | 1 | |
| | 802476 | FILTER suction | 1 | |
| | SH108201 | BOLT M8 x 20 | 3 | |
| | 801684 | WASHER 8 mm double coil | 3 | |
| | 10805435 | PIPE oil return sub assembly | 1 | |
| | 10805434 | FLANGE oil return pipe | 1 | |
| | 10804200 | O-RING oil return pipe | 1 | |
| | 802476 | FILTER suction | 1 | |
| | 10803785 | PLATE blanking | 1 | |
| | 803178 | JOINT pump inlet port | 2 | |
| | 803063 | JOINT pump delivery ports | 4 | |
| | 803063 | JOINT delivery pipe to crankcase | 1 | |
| | 803063 | JOINT delivery pipe to sump | 1 | |
| | 10803772 | JOINT branch to suction branch | 1 | |
| | 801846 | DOWEL pump mounting plates to crankcase | 4 | |
| | SH110251 | BOLT M10 x 25 | 6 | |
| | 801662 | WASHER 10 mm single coil | 6 | |
| | 802376 | SETSCREW | 2 | |
| | SH108251 | BOLT M8 x 25 suction pipe to pump | 8 | |
| | 801661 | WASHER 8 mm single coil | 8 | |
| | SH108251 | BOLT M8 x 25 branch to suction pipe | 2 | |
| | 801684 | WASHER 8 mm double coil | 2 | |
| | SH108251 | BOLT M8 x 25 |) Delivery pipes) to pump | |
| | 801661 | WASHER 8 mm single coil | | 4 |
| | SH108251 | BOLT M8 x 25 |) Delivery pipe) to crankcase | |
| | 801684 | WASHER 8 mm double coil | | 2 |

EOP.100
PL 105340



| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---|-------------------|
| | BH108071 | BOLT M8 x 35) Delivery pipe | 2 |
| | 801684 | WASHER 8 mm double coil) to sump | 2 |
| | SH108121 | BOLT M8 x 12) Oil return pipe | 1 |
| | 801661 | WASHER 8 mm single coil) to sump | 1 |
| | SH108201 | BOLT M8 x 20) Blanking plate | 2 |
| | 801661 | WASHER 8 mm single coil) to suction pipe | 2 |
| | SH108161 | BOLT M8 x 16) Pipe to | 3 |
| | 801661 | WASHER 8 mm single coil) suction filter | 3 |
| | BH108121 | BOLT M8 x 12) Suction pipe | 1 |
| | 801661 | WASHER 8 mm single coil) to sump | 1 |
| | SH108301 | BOLT M8 x 30) Oil return pipe | 2 |
| | 801661 | WASHER 8 mm single coil) | 2 |



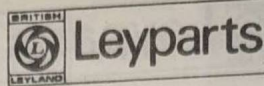
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FUEL PUMP
EFP.244
PL 105666

| Part No. | Description | Quantity | Unit |
|----------|--|----------|------|
| 122012 | BOLT M10 x 1.5 | 1 | EA |
| 170112 | BOLT M10 x 1.5 | 1 | EA |
| 260112 | FUEL PUMP UNIT | 1 | EA |
| 180212 | WASHER | 1 | EA |
| 140112 | BOLT M10 x 1.5 | 1 | EA |
| 180312 | FUEL PUMP C.A.V. COMPONENT | 1 | EA |
| 180412 | FUEL PUMP INLET FILTER | 1 | EA |
| 180512 | GOVERNOR (WET FILT) (001) | 1 | EA |
| 180612 | FEED PUMP (00000) | 1 | EA |
| 180712 | RANGE coupling | 1 | EA |
| 180812 | BOLT M10 x 1.5 | 1 | EA |
| 180912 | BOLT M10 x 1.5 | 1 | EA |
| 181012 | WASHER | 1 | EA |
| 181112 | WASHER | 1 | EA |
| 181212 | PIN | 1 | EA |
| 181312 | CLIP | 1 | EA |
| 181412 | ADAPTER | 1 | EA |
| 181512 | WASHER | 1 | EA |
| 181612 | PIPE sub assembly No. 1 injection | 1 | EA |
| 181712 | PIPE sub assembly No. 2 injection | 1 | EA |
| 181812 | PIPE sub assembly No. 3 injection | 1 | EA |
| 181912 | PIPE sub assembly No. 4 injection | 1 | EA |
| 182012 | PIPE sub assembly No. 5 injection | 1 | EA |
| 182112 | PIPE sub assembly No. 6 injection | 1 | EA |
| 182212 | PIPE sub assembly oil feed | 1 | EA |
| 182312 | PIPE sub assembly oil drain from fuel pump | 1 | EA |
| 182412 | PIPE sub assembly fuel pump bleed to fuel filter | 1 | EA |
| 182512 | PIPE sub assembly inlet manifold to boost | 1 | EA |
| 182612 | PIPE sub assembly lead pump to fuel filter | 1 | EA |
| 182712 | PIPE sub assembly fuel filter to fuel pump | 1 | EA |
| 182812 | CYLINDER throttle control assembly | 1 | EA |
| 182912 | BRACKET the solenoid sub assembly | 1 | EA |
| 183012 | FLANGE drive | 1 | EA |
| 183112 | ROCK M8 x 60 | 1 | EA |
| 183212 | WASHER | 1 | EA |
| 183312 | NUT M8 | 1 | EA |
| 183412 | PLATE driving | 1 | EA |
| 183512 | COUPLING | 1 | EA |
| 183612 | SEAL M10 x 42 | 1 | EA |
| 183712 | WASHER 12 mm dia | 1 | EA |
| 183812 | SCREW M10 x 16 | 1 | EA |
| 183912 | PLT M10 dia | 1 | EA |
| 184012 | WASHER top | 1 | EA |
| 184112 | BRACKET fuel pump | 1 | EA |

FUEL PUMP

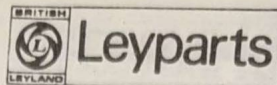
EFP.244
PL 105666



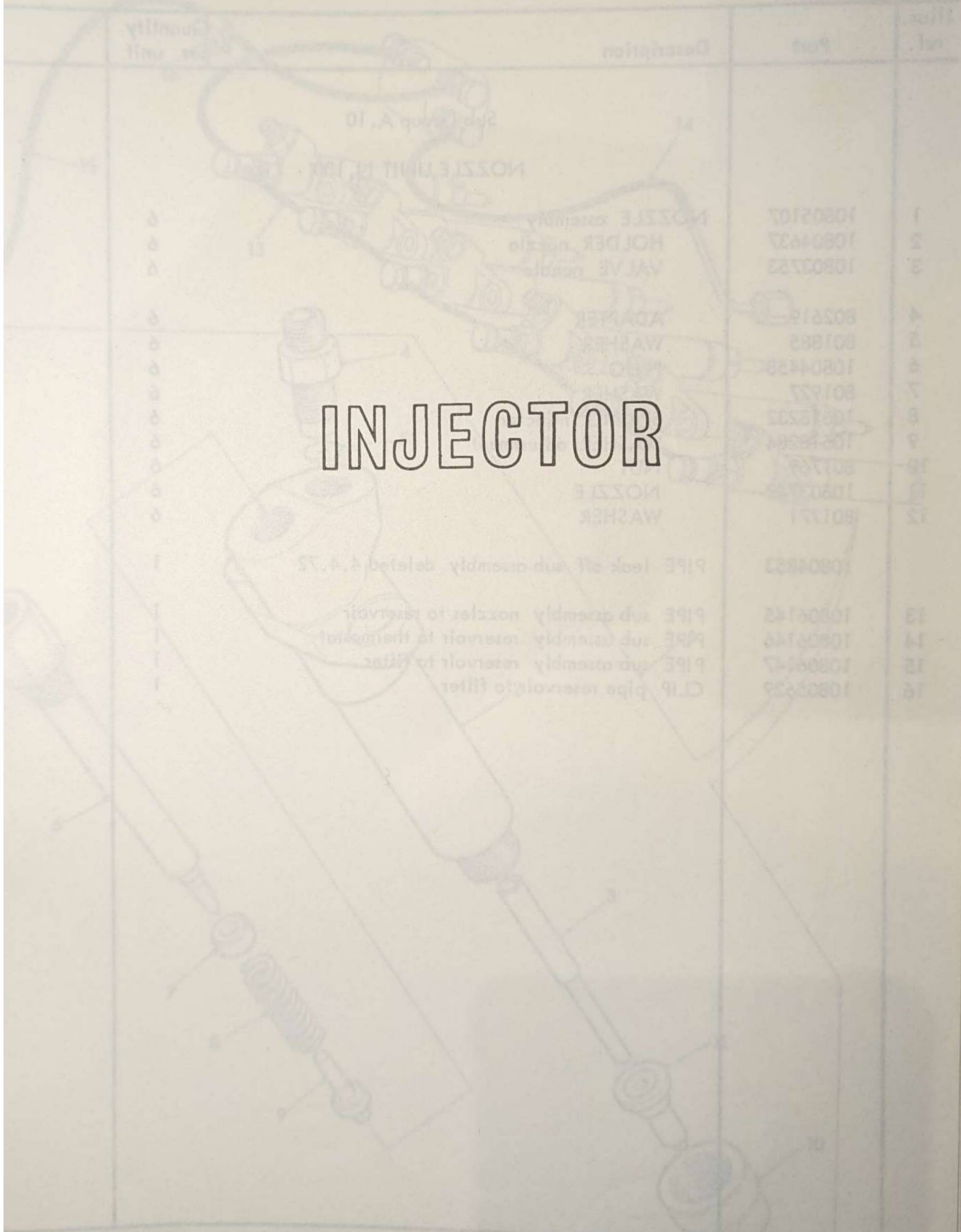
| Illus. ref. | Part | Description | Quantity per unit |
|----------------|------|--|----------------------|
| | | Sub Group A.9 | |
| | | FUEL PUMP UNIT EFP.244 | |
| 10805675 | | PUMP fuel assembly C.A.V. comprises FUEL PUMP NNL 6H100/427 GOVERNOR LWEB 4H1(180-1001) FEED PUMP 6202300 | 1 |
| 10804985 | | FLANGE coupling | 1 |
| 10804025 | | ADAPTER) | 1 |
| 802065 | | WASHER) Oil feed | 1 |
| 10805425 | | ADAPTER oil drain | 1 |
| 10805871 | | ADAPTER) | 1 |
| 803198 | | WASHER) Boost control | 1 |
| 10805343 | | PIPE sub assembly No. 1 injection | 1 |
| 10805344 | | PIPE sub assembly No. 2 injection | 1 |
| 10805345 | | PIPE sub assembly No. 3 injection | 1 |
| 10805346 | | PIPE sub assembly No. 4 injection | 1 |
| 10805347 | | PIPE sub assembly No. 5 injection | 1 |
| 10805348 | | PIPE sub assembly No. 6 injection | 1 |
| 10805349 | | PIPE sub assembly oil feed | 1 |
| 10805350 | | PIPE sub assembly oil drain from fuel pump | 1 |
| 10805888 | | PIPE sub assembly fuel pump bleed to fuel filter | 1 |
| 10805352 | | PIPE sub assembly inlet manifold to boost control | 1 |
| 10806634 | | PIPE sub assembly feed pump to fuel filter | 1 |
| 10806633 | | PIPE sub assembly fuel filter to fuel pump | 1 |
| 10805341 | | CYLINDER throttle control assembly | 1 |
| 10806116 | | BRACKET stop solenoid sub assembly | 1 |
| 10804982 | | FLANGE drive | 1 |
| BH108121 | | BOLT M8 x 60) | 1 |
| 801661 | | WASHER) For drive flange | 1 |
| NH108041 | | NUT M8) | 1 |
| 10804457 | | PLATE driving | 1 |
| 10804275/20 | | COUPLING | 6 |
| BH10806019 | | BOLT M10 x 45 | 1 |
| 801650 | | WASHER 10 mm plain | 2 |
| SH110161 | | SCREW M10 x 16 | 16 |
| 10803453 | | NUT M10 Cleveloc | 4 |
| X75906 | | WASHER tab | 2 |
| 10805259 | | BRACKET fuel pump | 4 |
| | | | 1 |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---|-------------------|
| | BH110221 | BOLT M10 x 110) | 3 |
| | BH110071 | BOLT M10 x 35) | 2 |
| | 801662 | WASHER 10 mm) Pump bracket to cover | 7 |
| | 10806645 | BOLT M10 x 130) | 1 |
| | NH110041 | NUT M10) | 2 |
| | 10805158 | BRACKET timing | 1 |
| | BH110381 | BOLT M10 x 190) | 2 |
| | 10806114 | BOLT M10 x 45) Pump to bracket | 2 |
| | 801685 | WASHER 10 mm double spring) | 4 |
| | 10804353 | PIN) Throttle cylinder to | 1 |
| | 10804354 | CLIP) fuel pump bracket | 2 |
| | BH105041 | BOLT M5 x 20 | 1 |
| | 802358 | WASHER single coil 5 mm | 1 |
| | 10805402 | LEVER control | 1 |
| | 10803690 | JAW END | 1 |
| | NH108041 | NUT M8 | 1 |
| | 10803722 | PIN | 1 |
| | 10805839 | SOLENOID assembly | 1 |
| | 10804547 | ROD control | 1 |
| | 246797 | SPRING | 1 |
| | 10806132 | BRACKET spring anchor | 1 |
| | 10806133 | BRACKET | 1 |
| | 801647 | WASHER | 1 |
| | 10K5659 | SPLIT PIN 1/16" x 5/8" | 1 |
| | NT108041 | LOCKNUT M8) | 1 |
| | NH106041 | NUT M6) | 1 |
| | 10805339 | JAW END) For control rod | 1 |
| | 802730 | PIN) | 1 |
| | 801647 | WASHER) | 1 |
| | 10K5659 | SPLIT PIN 1/16" x 5/8") | 1 |
| | 802730 | PIN | 1 |
| | 801647 | WASHER | 1 |
| | 10K5659 | SPLIT PIN 1/16" x 5/8" | 1 |
| | 10806730 | CONTROL arens sub assembly stop control | 1 |
| | 10806737 | JAW END) | 1 |
| | 10805628 | CLIP) Stop control | 2 |
| | 10805629 | CLIP) | 2 |

EFP.244
PL 105666

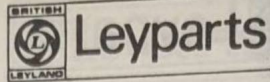


| Illus. ref. | Part | Description | Quantity per unit |
|--------------------|------|--|-------------------|
| 10805299 | | BRACKET stop control | 1 |
| SH404041 X75947 | | SETSCREW 1/4" B.S.F. x 1/2") Stop control bracket WASHER 1/4" Kolok) to fuel pump | 4 4 |
| 227545 | | CLIP top half) | 2 |
| 227546 | | CLIP bottom half) Injection pipes | 2 |
| 233427 | | SETSCREW 1/4") | 4 |
| 801908 | | ADAPTER) Inlet manifold | 1 |
| 802063 | | WASHER) to boost control | 1 |
| 10806255 | | PLATE engine stop | 1 |
| 10806272 | | LABEL engine stop | 1 |
| 10804088 | | BOLT banjo) | 1 |
| 802063 | | WASHER) Tappet block oil feed | 2 |
| 801201 | | O-RING) | 1 |
| SH106161 | | SCREW M6) Oil feed to compressor | 2 |
| 801659 | | WASHER spring) | 2 |

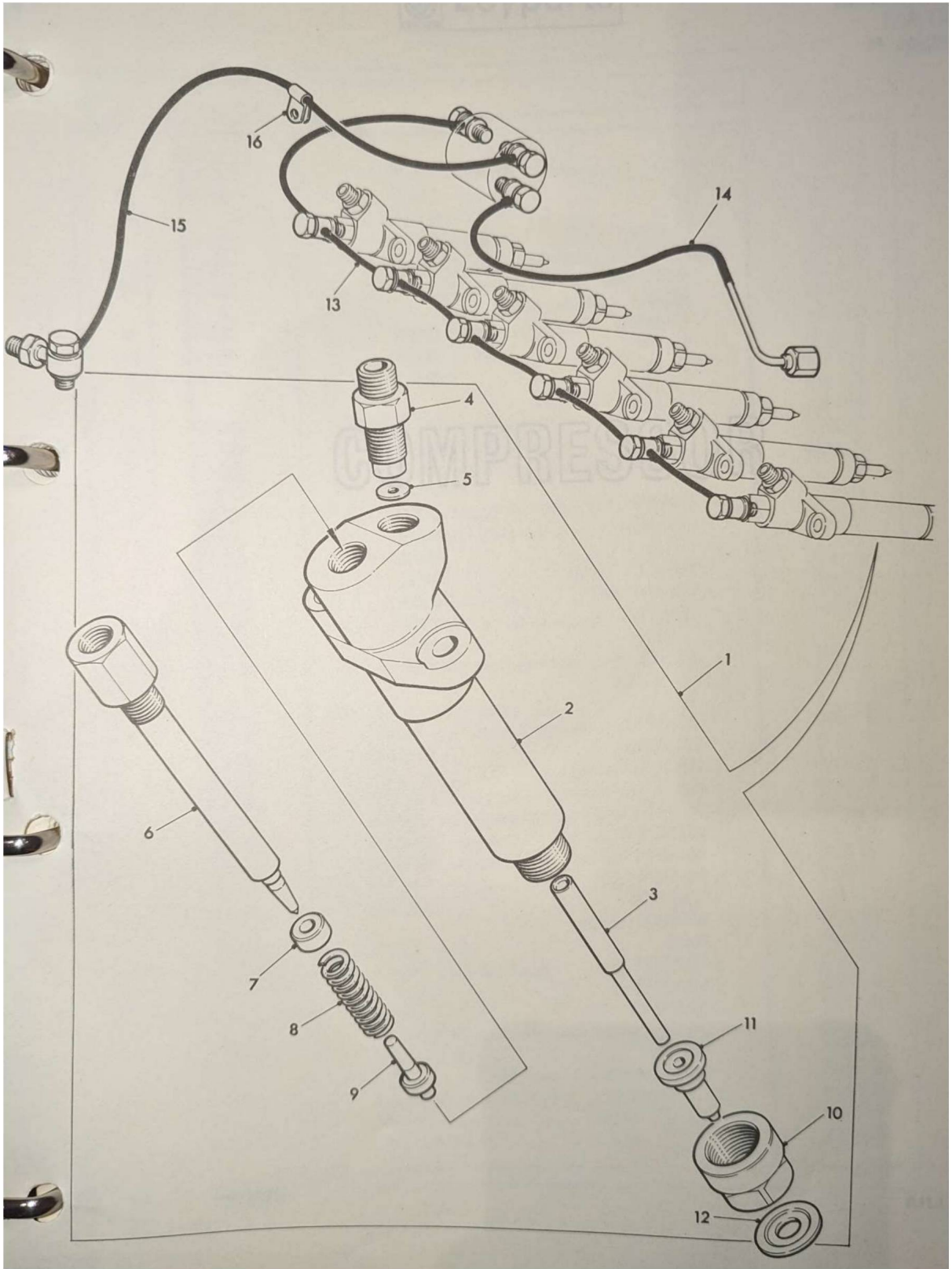


INJECTOR

N.100
PL 105697



| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---|-------------------|
| | | Sub Group A.10 | |
| | | NOZZLE UNIT N.100 | |
| 1 | 10805107 | NOZZLE assembly | 6 |
| 2 | 10804637 | HOLDER nozzle | 6 |
| 3 | 10803753 | VALVE needle | 6 |
| 4 | 802619 | ADAPTER | 6 |
| 5 | 801885 | WASHER | 6 |
| 6 | 10804458 | PLUG | 6 |
| 7 | 801927 | WASHER | 6 |
| 8 | 10618232 | SPRING injector | 6 |
| 9 | 10618284 | WASHER adjustment | 6 |
| 10 | 801769 | NUT | 6 |
| 11 | 10803749 | NOZZLE | 6 |
| 12 | 801771 | WASHER | 6 |
| | 10804853 | PIPE leak off sub assembly deleted 4.4.72 | 1 |
| 13 | 10806145 | PIPE sub assembly nozzles to reservoir | 1 |
| 14 | 10806146 | PIPE sub assembly reservoir to thermostat | 1 |
| 15 | 10806147 | PIPE sub assembly reservoir to filter | 1 |
| 16 | 10805629 | CLIP pipe reservoir to filter | 1 |





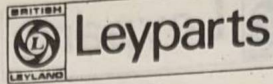
Leyparts

COMPRESSOR
ECR.119
PL 106789

| Quantity | Description | Part No. | Ref. |
|----------|-------------------------|----------|------|
| 1 | COMPRESSOR UNIT ECR.119 | 81000 | 1 |
| 1 | COMPRESSOR ASSEMBLY | 81030 | 2 |
| 1 | CYLINDER | 81032 | 3 |
| 1 | JOINT cylinder head | 81031 | 4 |
| 1 | O-RING | 81026 | 5 |
| 1 | STUD | 81027 | 6 |
| 1 | STUD | 81028 | 7 |
| 1 | STUD | 81024 | 8 |
| 1 | PLATE | 81029 | 9 |
| 1 | CRANKCASE ASSEMBLY | 81020 | 10 |
| 1 | BUSH | 81021 | 11 |
| 1 | WASHER | 81048 | 12 |
| 1 | CRANKSHAFT | 81023 | 13 |
| 1 | SEAL oil | 81025 | 14 |
| 1 | SCREW | 81022 | 15 |
| 1 | COVER end assembly | 81020 | 16 |
| 1 | BUSH | 81049 | 17 |
| 1 | JOINT for end cover | 81033 | 18 |
| 1 | O-RING | 81043 | 19 |
| 1 | WASHER spring | 81044 | 20 |
| 1 | PLATE cover pump | 81034 | 21 |
| 1 | JOINT pump | 81034 | 22 |
| 1 | SCREW | 81041 | 23 |
| 1 | WASHER spring | 81042 | 24 |
| 1 | PLATE | 81040 | 25 |
| 1 | ADAPTER | 81045 | 26 |
| 1 | WASHER copper | 81037 | 27 |
| 1 | PLUG | 81043 | 28 |
| 1 | ADAPTER | 81036 | 29 |
| 1 | ADAPTER | 81035 | 30 |
| 1 | WASHER | 81037 | 31 |
| 1 | VALVE assembly | 81018 | 32 |
| 1 | ADAPTER | 81032 | 33 |
| 1 | ROD connecting assembly | 81027 | 34 |
| 1 | CONNECTING ROD | 81028 | 35 |
| 1 | BUSH | 81030 | 36 |
| 1 | BOLT | 81046 | 37 |

COMPRESSOR

ECR. 119
PL 106789



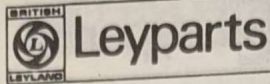
| Illus. ref. | Part | Description | Quantity per unit |
|-------------------------|--------|-----------------------------|-------------------|
| Sub Group A.11 | | | |
| COMPRESSOR UNIT ECR.119 | | | |
| | | COMPRESSOR assembly | 1 |
| 1 | 810090 | COMPRESSOR assembly | 2 |
| | 810530 | CYLINDER | 2 |
| 2 | 810342 | JOINT cylinder head | 2 |
| 3 | 810391 | O-RING | 2 |
| 4 | 810576 | STUD | 3 |
| 5 | 810577 | STUD | 2 |
| 6 | 810578 | STUD | 1 |
| 7 | 810524 | NUT | 5 |
| 8 | 810579 | NUT special | 1 |
| 9 | X75949 | WASHER spring | 6 |
| 10 | 810205 | CRANKCASE assembly | 1 |
| 11 | 810516 | BUSH | 1 |
| 12 | 810486 | WASHER thrust | 1 |
| 13 | 810531 | CRANKSHAFT | 1 |
| 14 | 810539 | SEAL oil | 1 |
| 15 | 810206 | COVER end assembly | 1 |
| 16 | 810494 | BUSH | 1 |
| 17 | 810532 | JOINT for end cover | 1 |
| 18 | 810543 | SETSCREW | 1 |
| 19 | X75948 | WASHER spring | 6 |
| 20 | 810533 | PLATE cover sump | 6 |
| 21 | 810534 | JOINT sump cover plate | 1 |
| 22 | 810541 | SETSCREW | 1 |
| 23 | X75947 | WASHER spring | 8 |
| 24 | 810443 | NAMEPLATE | 8 |
| 25 | 810466 | ADAPTER | 1 |
| 26 | 810572 | WASHER copper | 2 |
| 27 | 810433 | PLUG | 2 |
| 28 | 810574 | ADAPTER | 1 |
| 29 | 810575 | ADAPTER | 1 |
| 31 | 241329 | WASHER | 1 |
| 32 | 810180 | VALVE safety assembly | 1 |
| 30 | 810392 | ADAPTER | 3 |
| | 810207 | ROD connecting assembly | 1 |
| 33 | 810208 | CONNECTING ROD sub assembly | 1 |
| 34 | 810303 | BUSH | 2 |
| 35 | 810546 | BOLT | 2 |
| | | | 2 |
| | | | 4 |

A11.2

TP/1172

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|--------|----------------------------|-------------------|
| 36 | 810304 | BUSH big end in halves | 2 |
| 37 | 810580 | STRAP locking | 2 |
| | 810226 | PISTON assembly | 2 |
| 38 | 810225 | PISTON sub assembly | 2 |
| 39 | 810355 | PIN gudgeon | 2 |
| 40 | 810356 | RING compression | 8 |
| 41 | 810364 | RING scraper | 2 |
| 42 | 810398 | CIRCLIP | 4 |
| 43 | 810214 | CYLINDER head assembly | 1 |
| 44 | 810559 | MANIFOLD cylinder head | 1 |
| 45 | 810560 | PLATE cylinder head base | 1 |
| 46 | 810562 | GASKET | 1 |
| 47 | 810561 | DISC VALVE | 4 |
| 48 | 810323 | SPRING inlet valve | 2 |
| 49 | 810538 | SHIM | 4 |
| 50 | 810565 | SCREW | 2 |
| 51 | X75949 | WASHER spring | 2 |
| 52 | 810563 | SPRING delivery valve | 2 |
| 53 | 810564 | SCREW | 2 |
| 54 | X75947 | WASHER spring | 2 |
| | 810223 | REPAIR KIT minor comprises | 1 |
| | 810342 | JOINT cylinder head | 2 |
| | 810391 | O-RING | 2 |
| | 810539 | SEAL oil | 1 |
| | 810532 | JOINT for end cover | 1 |
| | 810534 | JOINT sump cover plate | 1 |
| | 810572 | WASHER copper | 2 |
| | 241329 | WASHER copper | 3 |
| | 810580 | STRAP locking | 1 |
| | 810562 | GASKET | 1 |
| | 810224 | REPAIR KIT major | 1 |
| | 810342 | JOINT cylinder head | 2 |
| | 810391 | O-RING | 2 |
| | 810516 | BUSH | 1 |
| | 810486 | WASHER thrust | 1 |
| | 810539 | SEAL oil | 1 |
| | 810494 | BUSH | 1 |
| | 810532 | JOINT for end cover | 1 |
| | 810534 | JOINT sump cover plate | 1 |
| | 810572 | WASHER copper | 2 |

ECR.119
PL 106789



| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|--|-------------------|
| | 241329 | WASHER copper | 3 |
| | 810304 | BUSH big end | 1 pair |
| | 810580 | STRAP locking | 1 |
| | 810398 | CIRCLIP | 2 |
| | 810562 | GASKET | 1 |
| | 810561 | VALVE disc | 4 |
| | 810323 | SPRING inlet valve | 2 |
| | 810538 | SHIM | 4 |
| | 810563 | SPRING delivery | 2 |
| 55 | 10803781 | GEAR compressor driving | 1 |
| 56 | 802376 | SETSCREW | 4 |
| 57 | 10804986 | COLLAR driving | 1 |
| 58 | SS110161 | SCREW socket M10 | 4 |
| 59 | 10806637 | PIPE air inlet sub assembly | 1 |
| 60 | 10806638 | PIPE air outlet sub assembly | 1 |
| 61 | 10806635 | PIPE water inlet sub assembly | 1 |
| 62 | 10806636 | PIPE water outlet sub assembly | 1 |
| 63 | 802409 | O-RING compressor to gear cover | 1 |
| 64 | 802451 | JOINT) | 1 |
| 65 | SH106161 | SCREW M6 coarse) Water inlet | 1 |
| 66 | 801682 | WASHER spring) to rail | 2 |
| 67 | SH106301 | SCREW M6 x 30) | 1 |
| 68 | 10805538 | BRACKET) | 1 |
| 69 | 803085 | CLIP) | 1 |
| 70 | SH108161 | SCREW M8) Air outlet pipe | 1 |
| 71 | NH108041 | NUT M8) | 1 |
| 72 | 801661 | WASHER 8 mm) | 1 |
| 73 | 267350 | PLUG 1/8" B.S.P.) | 2 |
| 74 | 145565 | WASHER) Alcohol dispenser connection | 2 |
| 75 | 10805713 | CLIP) | 1 |
| 76 | 10805563 | CLIP) | 1 |
| 77 | 10806631 | PLATE clamp) | 1 |
| 78 | SH108201 | SCREW M8) Water outlet pipe | 1 |
| 79 | 801661 | WASHER 8 mm) | 1 |
| 80 | NH108041 | NUT M8) | 1 |
| 81 | 10806649 | CLIP water outlet pipe to tappet block | 1 |
| 82 | 10805326 | CLIP water inlet to timing case | 1 |
| 83 | 10806648 | CLIP water inlet to steering pump | 1 |

A11.4

TP/1172*

PLATE 1

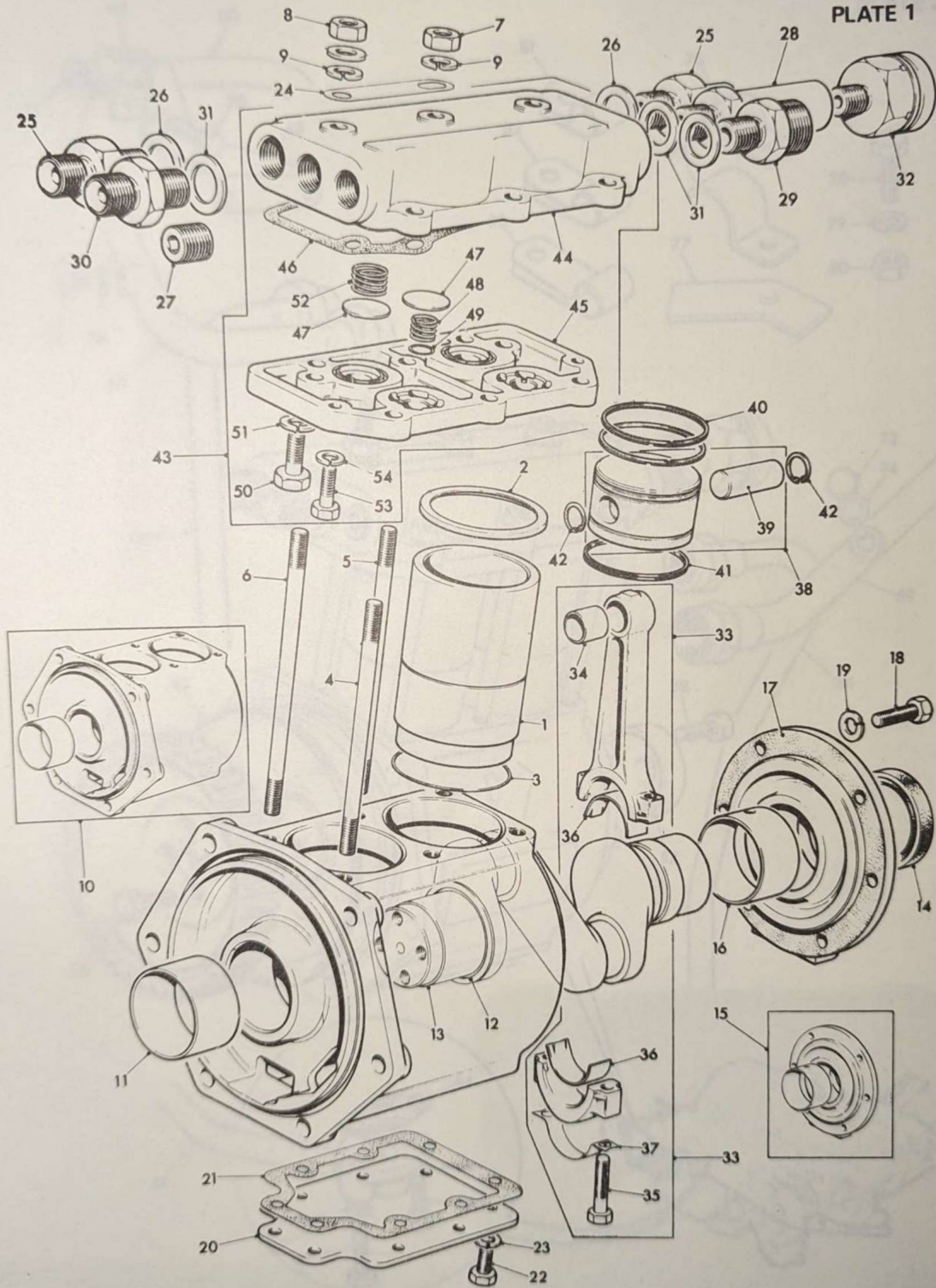
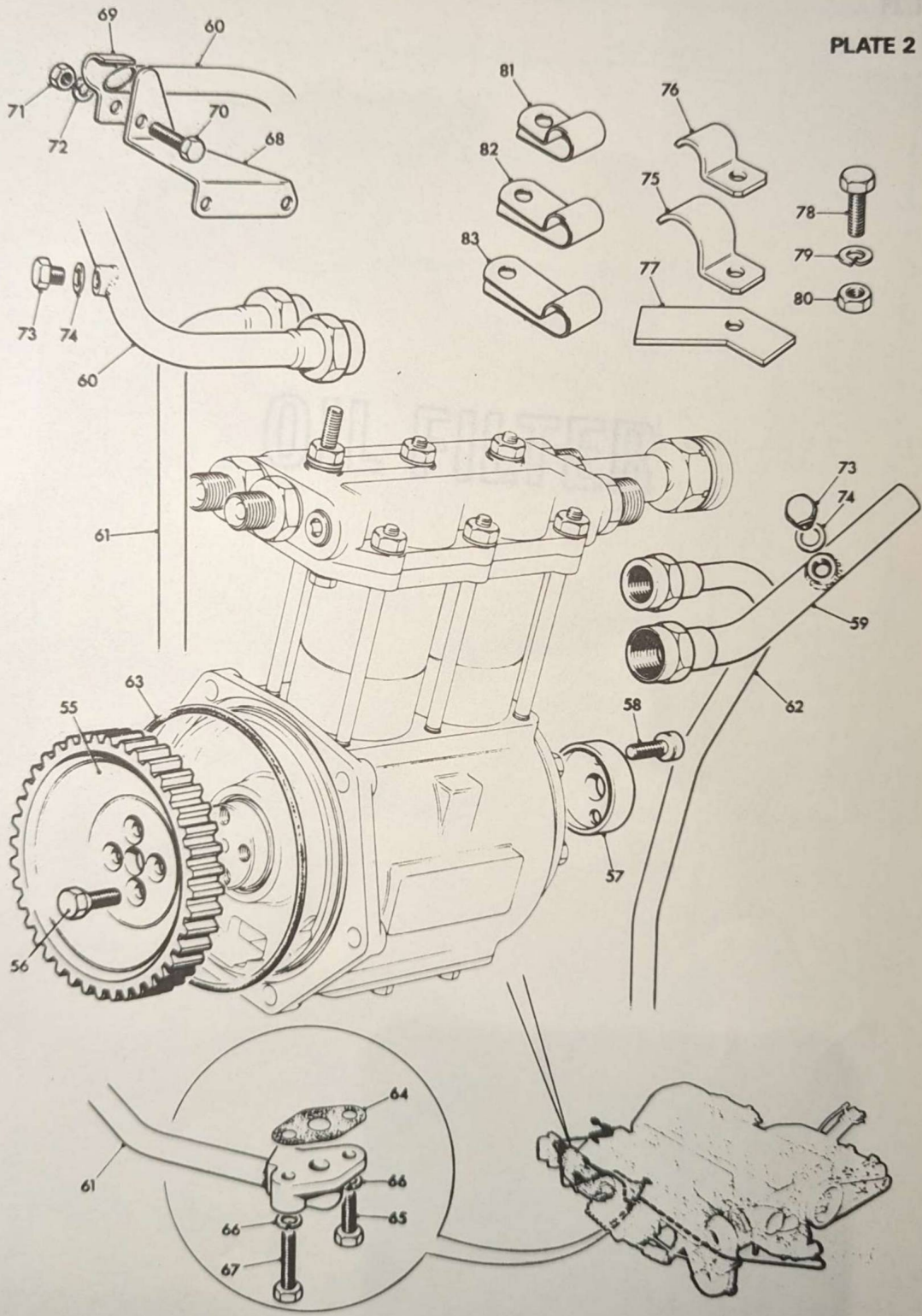


PLATE 2





Leyparts

OIL FILTER

EOF. 60

PL 105358

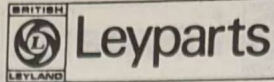
| Quantity | Description | Part | Unit |
|----------|-------------------------|---------|------|
| 1 | OIL FILTER UNIT EOF. 60 | 802882 | 1 |
| 1 | SPRING | 1080463 | 1 |
| 1 | ROW assembly | 1080462 | 1 |
| 1 | ELEMENT | 1080461 | 1 |
| 1 | HEAD filter | 1080460 | 1 |
| 1 | WASHER | 1080459 | 1 |
| 1 | SEAL | 1080458 | 1 |
| 1 | MAGNET assembly | 1080457 | 1 |
| 1 | SUPPORT | 1080456 | 1 |
| 1 | SEAL support | 1080455 | 1 |
| 1 | SUPPORT seal | 1080454 | 1 |
| 1 | SCREW | 1080453 | 1 |
| 1 | WASHER | 26204 | 1 |
| 1 | WASHER | 26204 | 1 |
| 1 | O-RING | 80287 | 1 |
| 1 | PLUG | 80286 | 1 |
| 1 | WASHER | 80285 | 1 |

OIL FILTER

TP/1172

A13.1

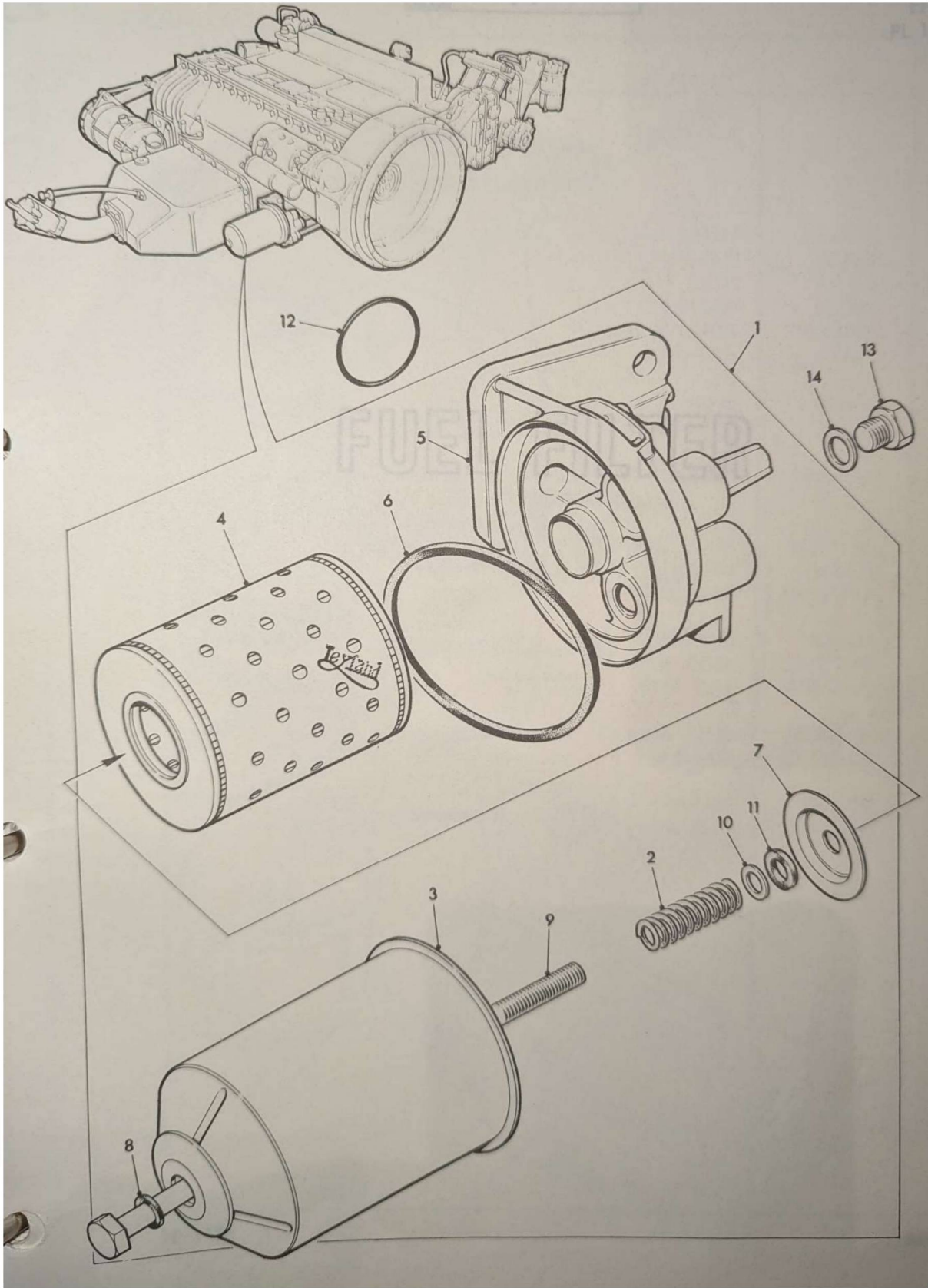
EOF. 60
PL 105358



| Illus. ref. | Part | Description | Quantity per unit | |
|-------------------------|----------|---------------------------------|-------------------|---|
| Sub Group A. 13 | | | | Items replaced deleted or added from 16. 10. 72 |
| OIL FILTER UNIT EOF. 60 | | | | |
| 1 | 802845 | FILTER lubricating oil assembly | 1 | 10806032 |
| 2 | 10803463 | SPRING | 1 | 10806223 |
| 3 | 10803462 | BOWL assembly | 1 | 10806222 |
| 4 | 10803467 | ELEMENT | 1 | 10806225 |
| 5 | 10805687 | HEAD filter | 1 | 10806287 |
| | 10803473 | VALVE | 1 | Deleted |
| | 10803474 | SPRING valve | 1 | Deleted |
| | 10803471 | WASHER cap | 1 | Deleted |
| | 10803472 | NUT cap | 1 | Deleted |
| | 10803475 | RETAINER spring | 1 | Deleted |
| | 10803476 | WASHER valve | 1 | Deleted |
| 6 | 10803469 | SEAL | 1 | Deleted |
| | 10803468 | MAGNET assembly | 1 | |
| 7 | 10803466 | SUPPORT | 1 | Deleted |
| 8 | 10803465 | SEAL tie bolt | 1 | 10806224 |
| | 10803464 | SUPPORT seal | 1 | 10618757 |
| 9 | 10806227 | BOLT tie | 1 | Deleted |
| 10 | 569906 | WASHER steel | 1 | Added |
| 11 | 569904 | WASHER felt | 1 | Added |
| | | | 1 | Added |
| 12 | 800941 | O-RING | | |
| 13 | 802672 | PLUG | 1 | |
| 14 | 802066 | WASHER | 1 | Added |
| | | | 1 | Added |

A13.2

TP/1172*





Leyparts

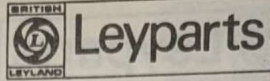
FUEL FILTER
EFF. 158
PL 105665

FUEL FILTER

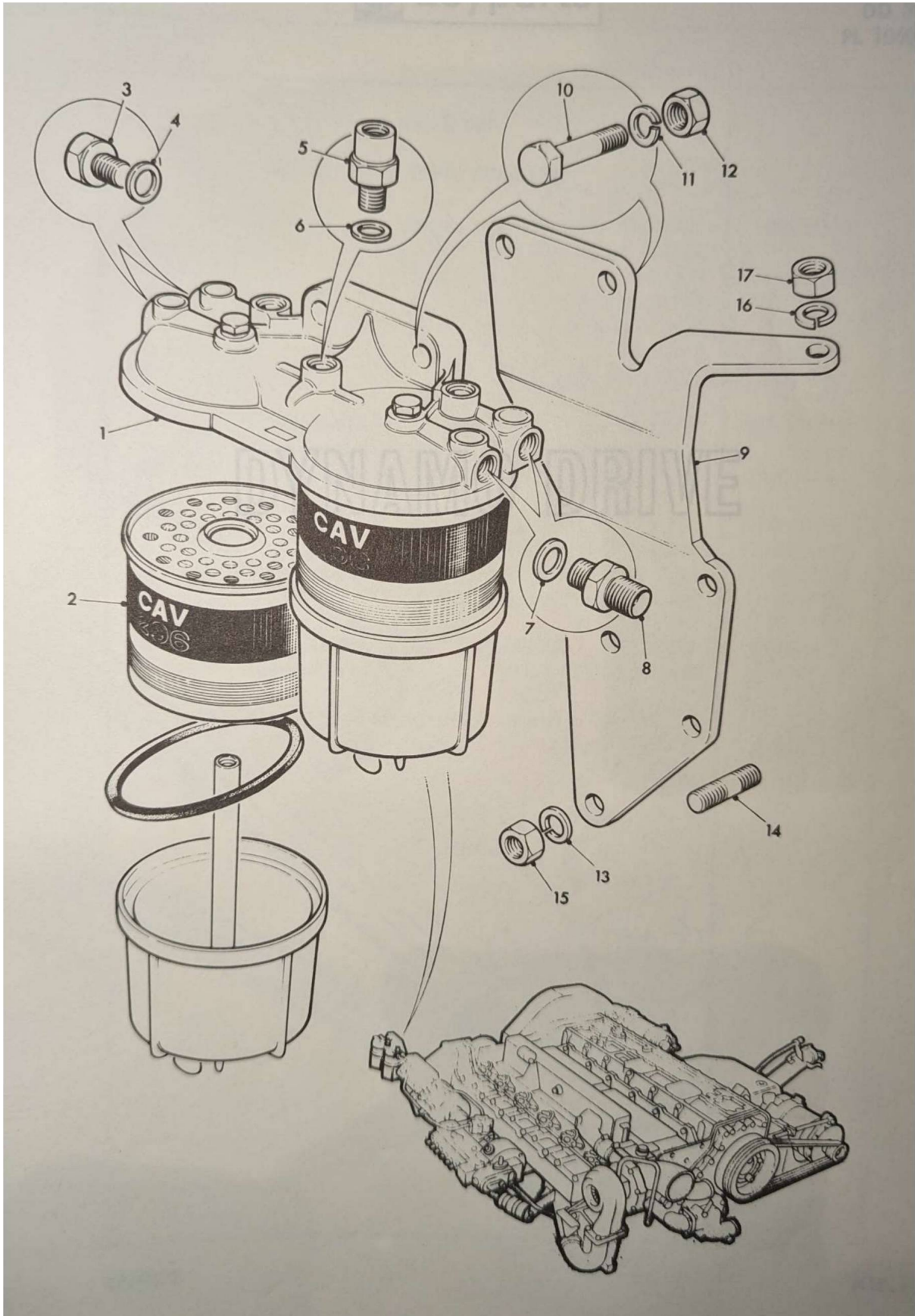
TP/1172

A14.1

EFF. 158
PL 105665



| Illus. ref. | Part | Description | Quantity per unit | |
|---------------------------|-----------|--|---|---|
| Sub Group A.14 | | | | |
| FUEL FILTER UNIT EFF. 158 | | | | |
| 1 | 614883 | FILTER fuel | 1 | |
| 2 | 601980 | ELEMENT | 2 | |
| 3 | 609561 | PLUG | 2 | |
| 4 | 609462 | WASHER | 2 | |
| 5 | 10805441 | ADAPTER leak off | 1 | |
| 6 | 802063 | WASHER | 1 | |
| 7 | 146855 | WASHER 1/2" UNF |) Nos. 3 and 4 ports | |
| 8 | 803090 | ADAPTER 1/2" UNF x 3/8" | | 2 |
| 9 | 10805932 | BRACKET filter and silencer support sub assembly replaces by 10806600 from 3.7.72 | 1 | |
| 10 | BH110081 | BOLT M10 x 40 |) Filter to bracket | |
| 11 | 801662 | WASHER | | 2 |
| 12 | NH110041 | NUT M10 | | 2 |
| 13 | 801662 | WASHER |) Bracket to compressor gear cover | |
| 14 | 801707/22 | STUD M10 | | 2 |
| 15 | NH110041 | NUT M10 | | 2 |
| | BH108051 | BOLT M8 x 25 |) Bracket to compressor) Deleted) end cover) 3.7.72 | |
| | 801661 | WASHER | | 1 |
| 16 | 801662 | WASHER |) Bracket to compressor) Added) 3.7.72 | |
| 17 | NH110041 | NUT M10 | | 1 |





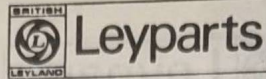
Leyparts

DYNAMO DRIVE
DD.308
PL 106006

DYNAMO DRIVE

| Quantity per unit | Description | Part | Ref. |
|-------------------|---------------------------------|------|------|
| 1 | DYNAMO DRIVE UNIT DD.308 | | |
| 1 | BRACKET alternator sub assembly | | |
| 1 | ALTERNATOR 100 amp | | |
| 1 | VALVE | | |
| 1 | DRIVE V-belt | | |
| 1 | ROD adjusting | | |
| 1 | EYE BOLT | | |
| 1 | NUT 1/2" UNC | | |
| 1 | WASHER 1/2" Kolo | | |
| 1 | SCREW 1/2" UNC x 1.75" | | |
| 1 | WASHER 1/2" Kolo | | |
| 1 | SCREW WAS x 10 mm | | |
| 1 | WASHER 10mm | | |
| 1 | ALTERNATOR | | |
| 1 | BOLT 1/2" UNC x 1.75" | | |
| 1 | BOLT 1/2" UNC x 2" | | |
| 1 | NUT 1/2" UNC | | |
| 1 | WASHER 1/2" Kolo | | |
| 1 | SETSCREW 1/2" UNC x 1.75" | | |
| 1 | WASHER 1/2" Kolo | | |
| 1 | SCREW WAS x 10 mm | | |
| 1 | WASHER 10mm | | |

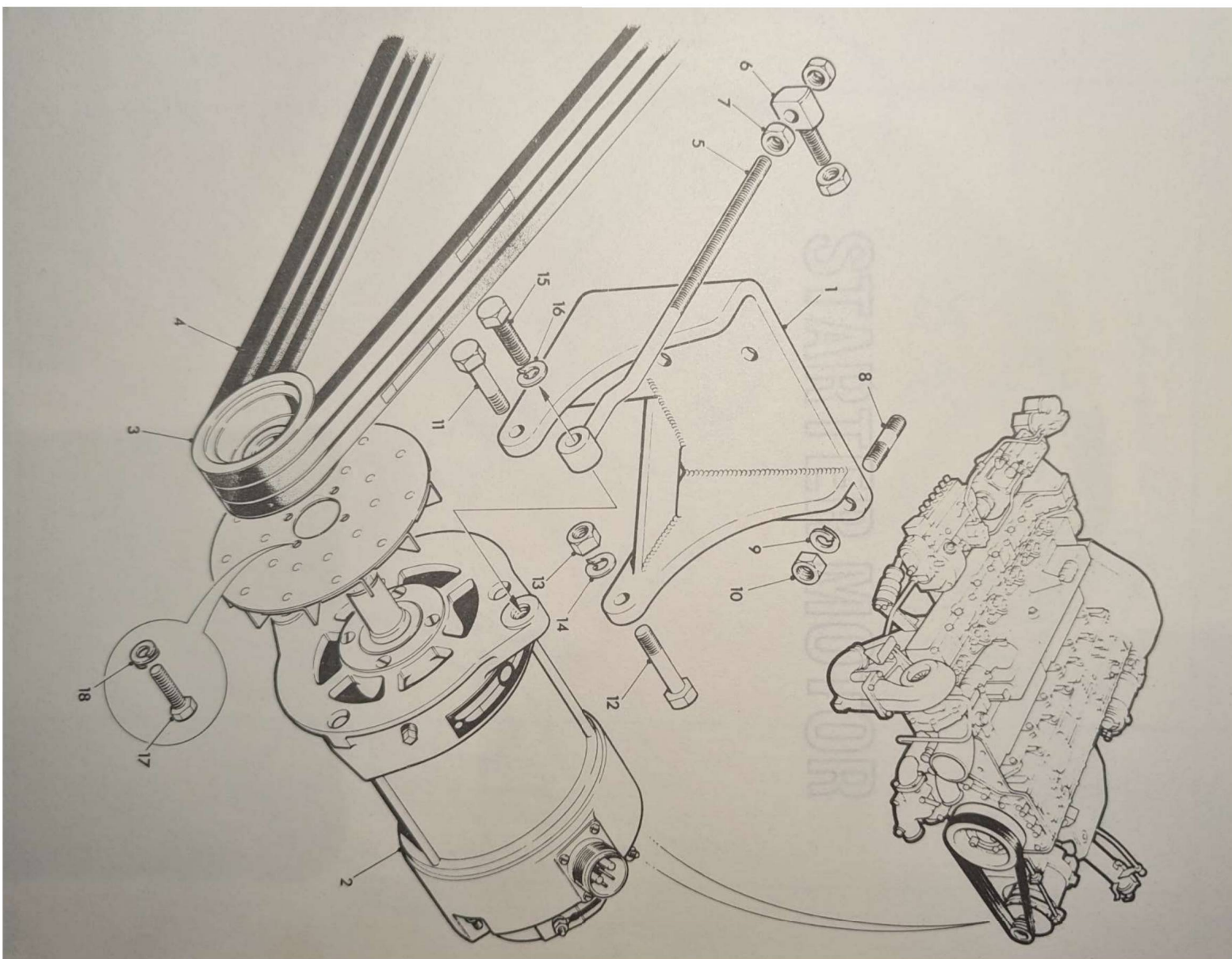
DD.308
PL 106006



| Illus. ref. | Part | Description | Quantity per unit |
|--------------------------|-----------|--|-------------------|
| Sub Group A.15 | | | |
| DYNAMO DRIVE UNIT DD.308 | | | |
| 1 | 10805800 | BRACKET alternator sub assembly | 1 |
| 2 | 851562 | ALTERNATOR 100 amp | 1 |
| 3 | 10805794 | PULLEY | 1 |
| 4 | 10804812 | DRIVE V-belt | 3 |
| 5 | 10805801 | ROD adjusting | 1 |
| 6 | 10805119 | EYEBOLT | 1 |
| 7 | NT112041 | NUT M12 thin | 3 |
| 8 | 801708/28 | STUD 12 mm) Alternator | 4 |
| 9 | 801663 | WASHER 12 mm single spring) bracket to | 4 |
| 10 | NH112041 | NUT M12) sump | 4 |
| 11 | BH508141 | BOLT 1/2" UNC x 1.3/4") | 1 |
| 12 | BH508161 | BOLT 1/2" UNC x 2") Alternator to | 1 |
| 13 | NH508041 | NUT 1/2" UNC) alternator bracket | 2 |
| 14 | X75951 | WASHER 1/2" Kolok) | 2 |
| 15 | SH508121 | SETSCREW 1/2" UNC x 1.1/2") Adjusting rod | 1 |
| 16 | X75951 | WASHER 1/2" Kolok) to alternator | 1 |
| 17 | SH105101 | SCREW M5 x 10 mm) Alternator fan | 4 |
| 18 | 802358 | WASHER spring) to pulley | 4 |

A15.2

TP/0173*





| Quantity per unit | Description | Part No. | Ref. |
|-------------------|---------------------------|----------|------|
| 1 | STARTER MOTOR UNIT SM.136 | 1081248 | 1 |
| 1 | Sub Group A.16 | 1081249 | 2 |
| 1 | MOTOR SHAFT | 1081250 | 3 |
| 1 | DISTANCE PIECE | 1081251 | 4 |

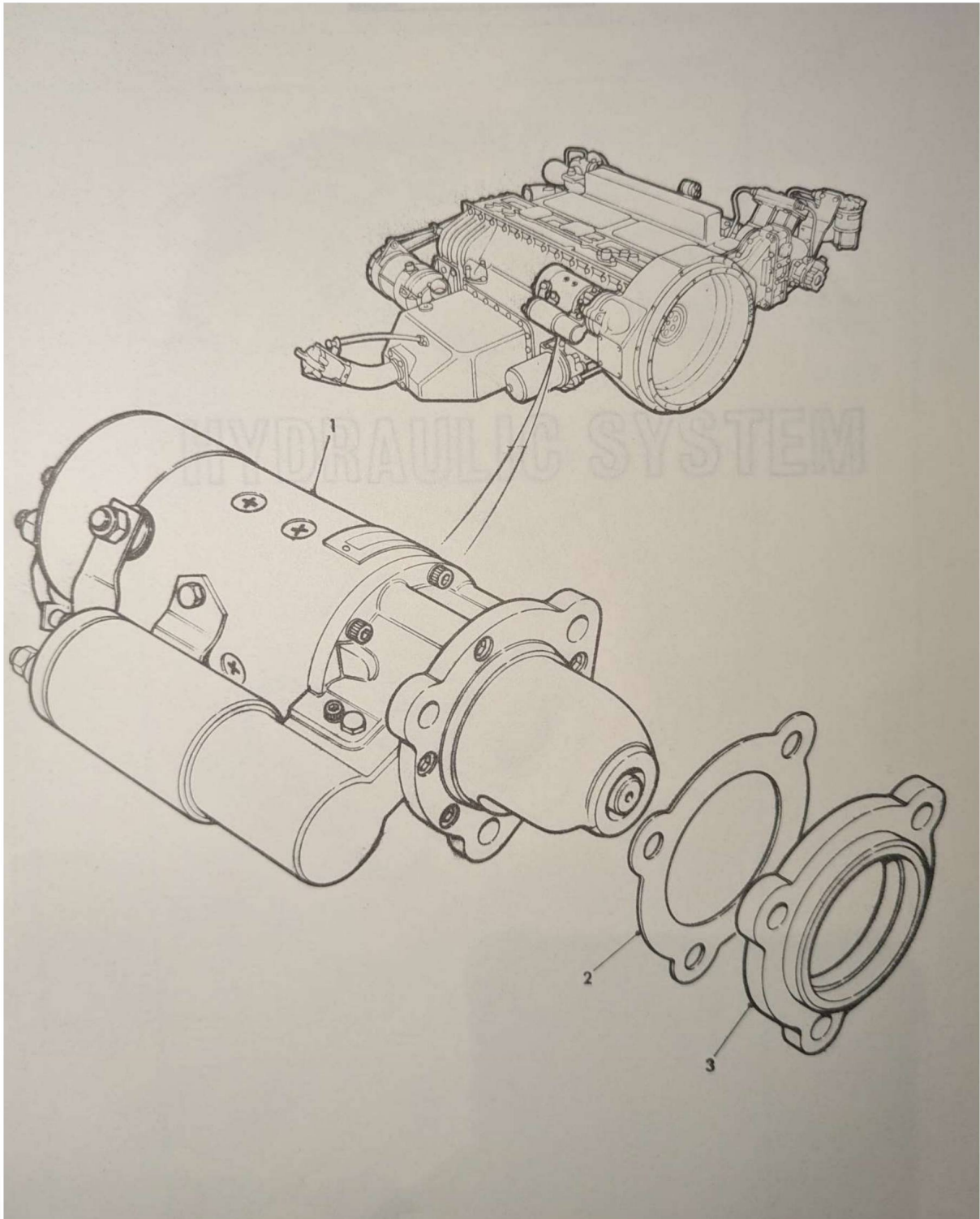
STARTER MOTOR

SM. 136
PL 105357



| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|---|----------------------|
| | | Sub Group A. 16 STARTER MOTOR UNIT SM. 136 | |
| 1 | 850935 | MOTOR starter Butec MS1A/8 | 1 |
| 2 | 802352 | SHIM | as reqd. |
| 3 | 10803946 | DISTANCE-PIECE | 1 |

STARTER MOTOR





Leyparts

HYDRAULIC SYSTEM
EHS.26
PL 105692

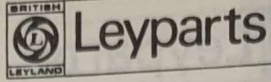
| Quantity per unit | Description | Part | Qty |
|----------------------|---------------------------|----------|-----|
| | PUMP (assembly) | 801932 | 1 |
| | GEAR driving | 10804012 | 2 |
| | KEY | 801935 | 3 |
| | NUT M10 | 1411001 | 4 |
| | WASHER | 801930 | 2 |
| | O-RING pump to gear cover | 800922 | 6 |

HYDRAULIC SYSTEM

TP/0173

A18.1

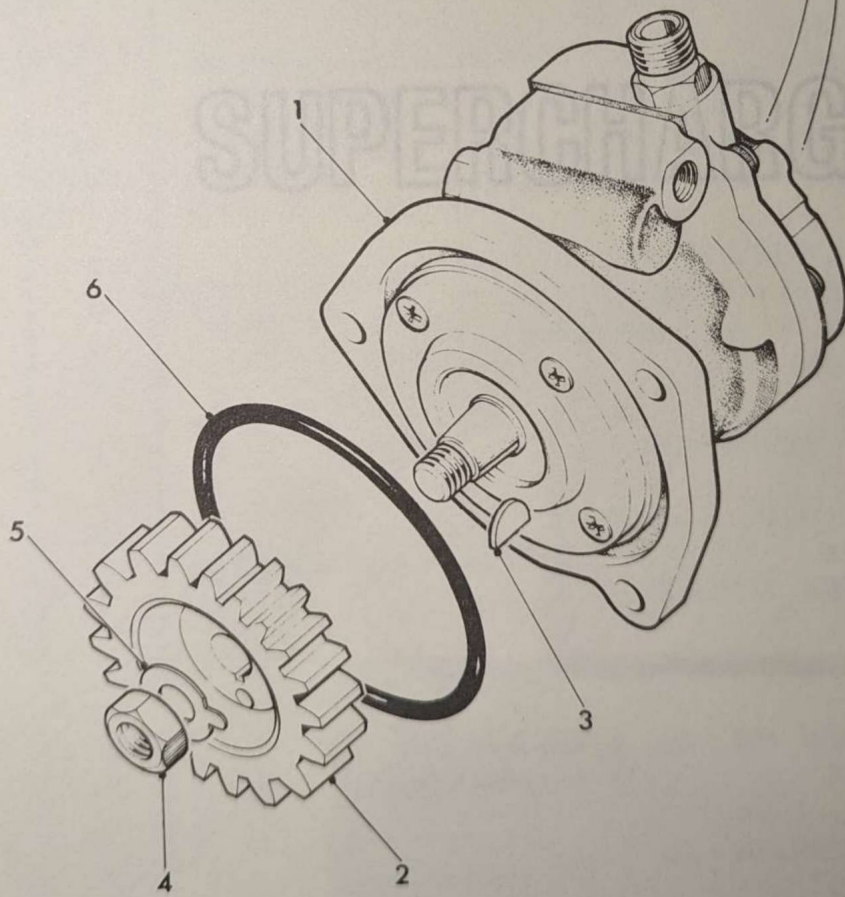
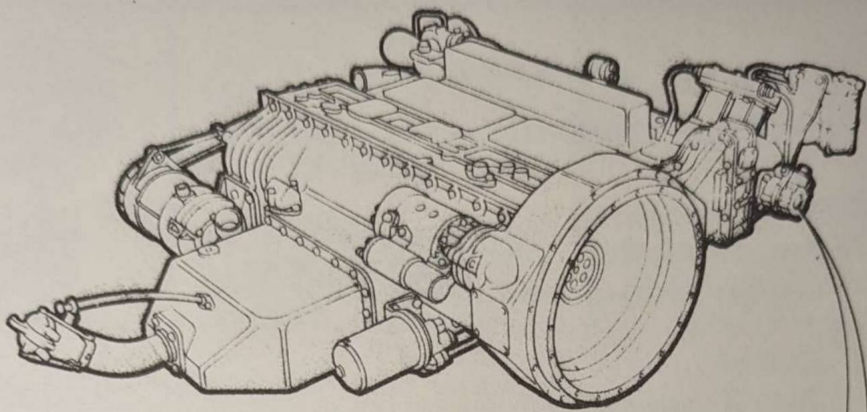
EHS.26
PL 105692



| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|--|----------------------|
| | | Sub Group A.18 HYDRAULIC SYSTEM UNIT EHS.26 | |
| 1 | 801972 | PUMP steering sub assembly | 1 |
| 2 | 10804017 | GEAR driving | 1 |
| 3 | 801938 | KEY | 1 |
| 4 | NH110041 | NUT M10 | 1 |
| 5 | 801980 | WASHER | 1 |
| 6 | 800932 | O-RING pump to gear cover | 1 |

A18.2

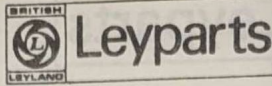
TP/0173*



| Quantity | Description | Part No. |
|----------|--|----------|
| 1 | EXHAUST SUPERCHARGER UNIT | 1080301 |
| 1 | TURBOCHARGER assembly | 1080302 |
| 1 | PIPE 1 1/2" diameter | 1080303 |
| 1 | HOSE turbocharger to inlet pipe | 1080304 |
| 1 | CLIP hose 2 1/2" | 1080305 |
| 1 | ELBOW air inlet | 1080306 |
| 1 | CLIP | 1080307 |
| 1 | DIAM SCREW M10 | 1080308 |
| 1 | O-RING | 1080309 |
| 1 | WASHER 10 mm O.D. | 1080310 |
| 1 | NUT M8 | 1080311 |
| 1 | ELBOW 1 1/2" x 1 1/2" | 1080312 |
| 1 | SCREW M10 x 30 | 1080313 |
| 1 | BOLT M12 x 40 mm | 1080314 |
| 1 | WASHER 12 mm I. coil spring | 1080315 |
| 1 | NUT M12 | 1080316 |
| 1 | JOINT turbine inlet | 1080317 |
| 1 | SCREW M10 x 1.5 x 30 | 1080318 |
| 1 | WASHER | 1080319 |
| 1 | SETSCREW M10 x 25 | 1080320 |
| 1 | JOINT turbine outlet to exhaust pipe | 1080321 |
| 1 | SETSCREW M8 x 20 | 1080322 |
| 1 | WASHER | 1080323 |
| 1 | SETSCREW M8 x 20 | 1080324 |
| 1 | WASHER | 1080325 |
| 1 | JOINT | 1080326 |
| 1 | JOINT oil feed lead pipe to turbocharger | 1080327 |
| 1 | JOINT off drain pipe to turbocharger | 1080328 |
| 1 | PIPE 25" x 1/2" dia assembly off drain | 1080329 |
| 1 | CLIP | 1080330 |
| 1 | CLIP | 1080331 |

SUPERCHARGER

ESC.49
PL 105664



| Illus. ref. | Part | Description | Quantity per unit |
|----------------------------------|------|---|----------------------|
| Sub Group A.21 | | | |
| EXHAUST SUPERCHARGER UNIT ESC.49 | | | |
| 10805225 | | TURBOCHARGER assembly | 1 |
| 10805709 | | PIPE 12 mm sub assembly turbocharger oil feed | 1 |
| 10805697 | | HOSE turbocharger to air inlet elbow | 1 |
| 10805207 | | CLIP hose 2.3/16" | 2 |
| 10803857 | | ELBOW air inlet | 1 |
| 10803275 | | O-RING | 1 |
| NH106041 | | NUT M6 | 1 |
| 10805743 | | SETSCREW special) Elbow to turbocharger | 1 |
| 10805953 | | BRACKET support | 1 |
| 10804558 | | BRACKET turbocharger mounting | 1 |
| SH112301 | | SCREW M12 x 30 mm | 2 |
| BH112101 | | BOLT M12 x 40 mm | 2 |
| 801663 | | WASHER 12 mm 1 coil spring | 4 |
| NH112041 | | NUT M12 | 2 |
| 10803685 | | JOINT turbine inlet | 1 |
| SH110301 | | SCREW M10 x 1.5 x 30) | 3 |
| 801662 | | WASHER) Turbocharber to bracket | 4 |
| SH110251 | | SETSCREW M10 x 25) | 1 |
| 10803597 | | JOINT turbine outlet to exhaust pipe | 1 |
| SH108201 | | SETSCREW M8 x 20) Oil feed pipe | 2 |
| 801661 | | WASHER) to turbocharger | 2 |
| SH108201 | | SETSCREW M8 x 20) | 4 |
| 801661 | | WASHER) Oil drain pipe to | 4 |
| 803136 | | JOINT) turbocharger and sump | 1 |
| 10805226 | | JOINT oil feed feed pipe to turbocharger | 1 |
| 10805227 | | JOINT oil drain drain pipe to turbocharger | 1 |
| 10805369 | | PIPE 25" x 1 mm sub assembly oil drain | 1 |
| 10805563 | | CLIP) | 1 |
| 10805713 | | CLIP) Oil feed pipe to support | 1 |

A21.2

TP/1172



Leyparts

SUPERCHARGER
ESC.49
PL 105664

| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------------------|-------------------------|----------------------|
| SH108201 | SCREW M8 x 20 |) | 1 |
| NH108041 | NUT M8 |) Clips to support | 1 |
| 801661 | WASHER spring |) | 1 |
| 566760 | STUD 5/16" UNF/UNC |) Turbocharger to | 6 |
| 517290 | NUT 5/16" UNF |) exhaust pipe | 6 |
| X75948 | WASHER single coil |) | 6 |
| 10806308 | CLIP |) Turbocharger oil feed | 1 |
| SH110201 | SCREW M10 |) pipe to crankcase | 1 |
| 801662 | WASHER 10 mm |) | 1 |
| 10904293 | BRACKET sub assembly | | 1 |
| SH110201 | SCREW M10 |) Bracket to | 2 |
| NH110041 | NUT M10 |) filter bracket | 2 |
| 801662 | WASHER 10 mm |) | 2 |

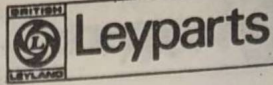
TP/1172*

A21.3

| Illus. ref. | Part | Description | Quantity per unit |
|----------------------------|----------|--|-------------------|
| Sub Group A.25 | | | |
| CYLINDER BLOCK UNIT ECB.24 | | | |
| | 10906031 | BLOCK cylinder complete with liners covers valves guides seats spring etc. sub assembly | 1 |
| 1 | 10906032 | BLOCK cylinder complete with liners valve guides seats covers sub assembly | 1 |
| 2 | 801848 | LINERS cylinder | 6 |
| 3 | 10804881 | SEAT valve inlet | 6 |
| 4 | 801880 | GUIDE valve inlet | 6 |
| 5 | 10804944 | SEAT valve exhaust | 6 |
| 6 | 801879 | GUIDE valve exhaust | 6 |
| 7 | 10806986 | COVER side top sub assembly | 2 |
| 8 | 10803483 | JOINT side cover top | 2 |
| 9 | 801831 | JOINT water rail to right hand side cylinder block | 2 |
| 10 | 10805450 | COVER side water rail | 1 |
| 11 | 10803484 | JOINT side cover to cylinder block | 2 |
| 12 | 802052 | COVER front and rear (In service the front cover is replaced by 10805857 bracket mounting turbocharger | 2 |
| 13 | 10805711 | SUPPORT PIPE clip Introduced 1.6.71 | 1 |
| 14 | 802053 | JOINT rear cover | 1 |
| 15 | 10804300 | JOINT mounting bracket to cylinder block | 1 |
| 16 | SH108201 | SETSCREW M8 x 20 long) Side cover top to | 26 |
| 17 | 801661 | WASHER) cylinder block | 26 |
| 18 | SH108250 | SETSCREW) | 13 |
| 19 | 801661 | WASHER) | 18 |
| 20 | BH108111 | BOLT) Water rail to | 2 |
| 21 | BH108061 | BOLT) cylinder block | 3 |
| 22 | SA108250 | SETSCREW) | 1 |
| 23 | SA112301 | SCREW countersunk head) | 2 |
| 24 | SH110251 | SETSCREW) Turbocharger | 2 |
| 25 | BH110071 | BOLT) mounting bracket | 3 |
| 26 | 801662 | WASHER) and gear plate to | 5 |
| 27 | SA110251 | SCREW countersunk head) cylinder block | 1 |
| 28 | SA110251 | SCREW countersunk head rear cover to cylinder block | 6 |
| 29 | 10805640 | SLEEVE injector | 6 |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|--|-------------------|
| 30 | 10803935 | VALVE inlet | 6 |
| 31 | 10803936 | VALVE exhaust | 6 |
| 32 | 802450 | SPRING valve inner | 12 |
| 33 | 801931 | SPRING valve outer | 12 |
| 34 | 10805956 | COLLAR valve upper | 12 |
| 35 | 801934 | COLLAR valve lower | 12 |
| 36 | 801864 | CONE split 2 halves | 12 |
| 37 | 802050 | PLATE blanking | 1 |
| 38 | 802051 | JOINT for blanking plate | 1 |
| 39 | SH108201 | SETSCREW M8 x 20 long) Blanking plate | 4 |
| 40 | 801661 | WASHER) to cylinder block | 4 |
| 41 | 802046 | PLUG) Water jacket | 2 |
| 42 | 802064 | WASHER) | 2 |
| 43 | 10804832 | BLOCK tappet sub assembly | 1 |
| 44 | 10803387 | INSERT helicoil | 22 |
| 45 | 10803388 | INSERT helicoil | 20 |
| 46 | 801852 | CAP camshaft bearing intermediate | 6 |
| 47 | 10806256 | CAP camshaft bearing rear | 1 |
| 48 | 802162 | DOWEL bearing caps | 14 |
| 49 | BH110121 | BOLT M10 x 60 long) | 12 |
| 50 | 10804537 | WASHER tab) | 12 |
| 51 | 801662 | WASHER) Bearing caps | 12 |
| 52 | SS110451 | SCREW M10 x 45) | 2 |
| 53 | 10806018 | COVER tappet block sub assembly | 1 |
| 54 | 10803388 | INSERT helicoil | 2 |
| 55 | 10803385 | INSERT helicoil | 4 |
| 56 | 10806274 | INSERT helicoil | 1 |
| 57 | 10803912 | COVER compressor gear sub assembly | 1 |
| 58 | 10803887 | INSERT helicoil | 4 |
| 59 | 10803852 | JOINT) Compressor gear cover | 1 |
| 60 | 802785 | DOWEL) to tappet block cover | 2 |
| 61 | 802785 | DOWEL fuel pump bracket | 2 |
| 62 | 802208 | PLUG oil drain | 1 |
| 63 | 802068 | WASHER for plug | 1 |

ECB.24
PL 105845



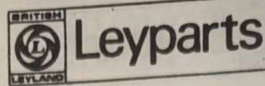
| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-----------|-----------------------------------|-------------------|
| 64 | SH108251 | SETSCREW M8 x 25 long) | 2 |
| 65 | 801684 | WASHER) Compressor gear | 4 |
| 66 | 802706/22 | STUD) cover to tappet | 2 |
| 67 | NH108041 | NUT M8) block cover | 2 |
| 68 | 801684 | WASHER) | 2 |
| 69 | SH108201 | SETSCREW M8 x 20) | 2 |
| 70 | 801706/18 | STUD) Tappet block cover | 2 |
| 71 | NH108041 | NUT M8) to rear gear cover | 2 |
| 72 | 801684 | WASHER) | 2 |
| 73 | 801707/22 | STUD) Steering pump | 3 |
| 74 | 801662 | WASHER) to gear cover | 3 |
| 75 | NH110041 | NUT) | 3 |
| 76 | 801707/25 | STUD) Compressor to | 6 |
| 77 | 801685 | WASHER spring) gear cover | 6 |
| 78 | NH110041 | NUT) | 6 |
| 79 | 802286 | CAMSHAFT | 1 |
| 80 | 802047 | PLUG camshaft | 2 |
| 81 | 10803783 | GEAR camshaft driving | 1 |
| 82 | 802164 | DOWEL for gear | 1 |
| 83 | 802268 | SETSCREW driving gear to camshaft | 4 |
| 84 | 10803782 | GEAR idler | 1 |
| 85 | 802079 | BOLT idler gear to camshaft gear | 8 |
| 86 | 10805260 | MANIFOLD inlet sub assembly | 1 |
| 87 | 10805699 | PIPE inlet sub assembly | 1 |
| 88 | 10803633 | HOUSING thermostat | 1 |
| 89 | 802316/3 | THERMOSTAT | 1 |
| 90 | 10803974 | FLANGE water outlet | 1 |
| 91 | 802207 | JOINT water outlet flange | 1 |
| 92 | 121975 | PLUG 1" B.S.P. | 1 |
| 93 | 10803999 | WASHER | 1 |
| 94 | 801706/55 | STUD M8) Water outlet | 2 |
| 95 | 801706/22 | STUD) flange to | 2 |
| 96 | 801661 | WASHER) thermostat housing | 4 |
| 97 | NH108041 | NUT) | 4 |
| 98 | 801706/20 | STUD M8) Thermostat housing | 1 |
| 99 | 801661 | WASHER) to water pump | 1 |
| 100 | NH108041 | NUT) | 1 |

A23.4

TP/0173

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-------------|---|-------------------|
| | 10805115 | HEATSHIELD sub assembly) | 1 |
| | 10804391 | BRACKET sub assembly) Deleted 3.1.72 | 1 |
| | 10804398 | BRACKET support) | 1 |
| 101 | 10805757 | SWITCH thermal | 1 |
| 102 | 802069 | WASHER | 1 |
| 103 | 10805954 | SWITCH thermal | 1 |
| 104 | 10803963 | WASHER | 1 |
| 105 | 10805505 | PIPE oil drain rear sub assembly | 1 |
| 106 | 10805526 | PIPE oil drain front sub assembly | 1 |
| 107 | 10805957 | TAPPET | 12 |
| 108 | 10805955/1 | WASHER tappet adjusting) | |
| | 10805955/2 | WASHER tappet adjusting) | |
| | 10805955/3 | WASHER tappet adjusting) | |
| | 10805955/4 | WASHER tappet adjusting) | |
| | 10805955/5 | WASHER tappet adjusting) | |
| | 10805955/6 | WASHER tappet adjusting) | |
| | 10805955/7 | WASHER tappet adjusting) | |
| | 10805955/8 | WASHER tappet adjusting) Sizes as required | |
| | 10805955/9 | WASHER tappet adjusting) one per tappet | |
| | 10805955/10 | WASHER tappet adjusting) | |
| | 10805955/11 | WASHER tappet adjusting) | |
| | 10805955/12 | WASHER tappet adjusting) | |
| | 10805955/13 | WASHER tappet adjusting) | |
| | 10805955/14 | WASHER tappet adjusting) | |
| | 10805955/15 | WASHER tappet adjusting) | |
| | 10805955/16 | WASHER tappet adjusting) | |
| 109 | 802445 | BEARING camshaft intermediate | 6 |
| 110 | 802446 | BEARING camshaft rear | 2 |
| 111 | 10804317 | BEARING camshaft intermediate | 6 |
| 112 | 802163 | DOWEL tappet block | 4 |
| 113 | 802162 | DOWEL top cover | 9 |
| 114 | 10804551 | JOINT cylinder block to crankcase | 2 |
| 115 | 802031 | JOINT tappet block to cylinder block | 1 |
| 116 | 10804651 | JOINT cover to tappet block | 1 |
| 117 | 800673 | O-RING tappet block to rear face | 1 |
| 118 | SH108201 | SETSCREW M8 x 20 long) Inlet manifold | 14 |
| 119 | 801661 | WASHER) to cylinder block | 14 |

ECB.24
PL 105845



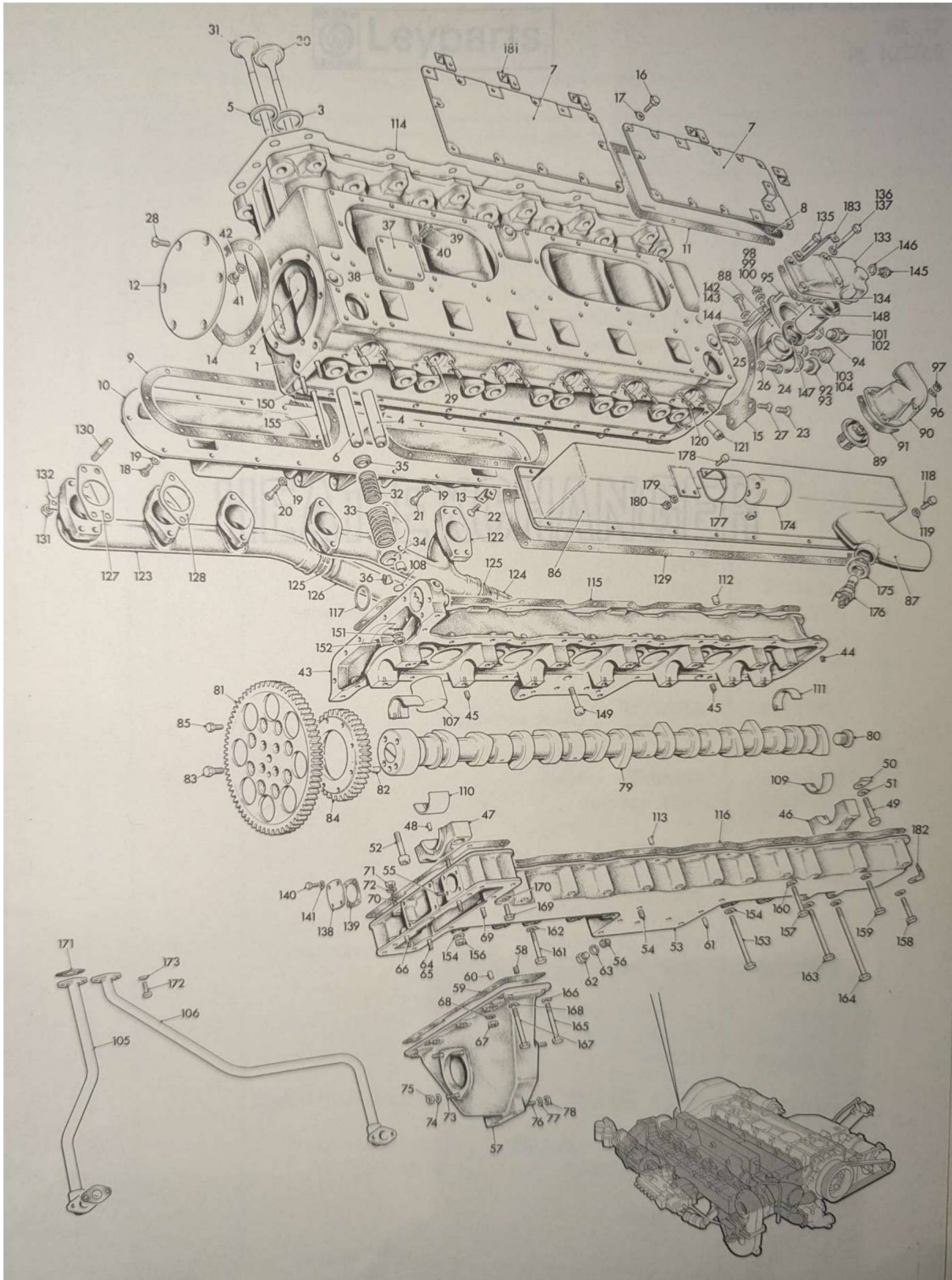
| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---|-------------------|
| | | | 12 |
| 119 | 10805928 | STUD M8 | 12 |
| 120 | 10805929 | NUT special | 1 |
| | 10805294 | PLUG) | 1 |
| | 10805297 | PLUG) Deleted 1.11.71 | 1 |
| | 511365 | WASHER) | 1 |
| | 145565 | WASHER) | 1 |
| 122 | 10804556 | MANIFOLD exhaust front | 1 |
| 123 | 10804557 | MANIFOLD exhaust rear | 1 |
| 124 | 10804305 | TUBE centre | 8 |
| 125 | 10804757 | RING compression | 1 |
| 126 | 10804560 | TUBE centre | 2 |
| 127 | 801836 | JOINT for exhaust manifold | 4 |
| 128 | 801837 | JOINT for exhaust manifold | 1 |
| 129 | 10805761 | JOINT inlet manifold | 16 |
| 130 | 802693 | STUD M10) Exhaust manifold | 16 |
| 131 | 10804286 | NUT M10) to cylinder block | 16 |
| 132 | 10806467 | WASHER tab) | 16 |
| 133 | 10804550 | ELBOW water outlet | 1 |
| 134 | 801992 | JOINT for water outlet elbow | 1 |
| 135 | SH108251 | SETSCREW M8 25 mm long) Water outlet elbow | 2 |
| 136 | BH108111 | BOLT M8 55 long) to cylinder block | 2 |
| 137 | 801661 | WASHER) | 2 |
| | SH110251 | SETSCREW M10 x 25 long) Heat shield) | 2 |
| | 801685 | WASHER) support bracket to) | 2 |
| | NH110041 | NUT M10) fuel pump bracket) Deleted | 2 |
| | SH110201 | SETSCREW M10 x 20 long) Support bracket) 3.1.72 | 1 |
| | 801662 | WASHER) to heatshield) | 1 |
| | NH110041 | NUT M10) | 1 |
| 138 | 802510 | COVER Tachometer drive | 1 |
| 139 | 802512 | JOINT) | 1 |
| 140 | SH106141 | SCREW M6) Tachometer drive cover | 4 |
| 141 | 801659 | WASHER spring) | 1 |
| 142 | SH108251 | SETSCREW M8 x 25 long) Thermostat housing | 3 |
| 143 | 801661 | WASHER) to water pump | 3 |
| 144 | 10803553 | JOINT) | 1 |

A23.6

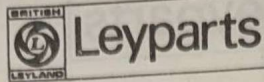
TP/0173

**Leyparts**CYLINDER BLOCK
ECB.24
PL 105845

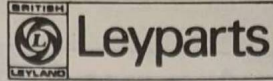
| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------------|---|-------------------|
| 145 | 10805192 | ADAPTER | 1 |
| 146 | 146855 | WASHER | 1 |
| 147 | 10803304 | BUSH flanged sealing | 2 |
| 148 | 10804171 | PIPE water thermostat housing to water pump | 1 |
| 149 | SS110651 | SETSCREW socket head) | 18 |
| 150 | TE110060 | STUD M10 x 30 long) Tappet block to | 2 |
| 151 | 801685 | WASHER spring) cylinder block | 2 |
| 152 | NH110041 | NUT M10) | 2 |
| 153 | BH110241 | BOLT M10 x 120 long) | 6 |
| 154 | 801685 | WASHER spring) Tappet block and | 8 |
| 155 | 801707/120 | STUD M10) cover to cylinder block | 1 |
| 156 | NH110041 | NUT M10) | 1 |
| 157 | BH108161 | BOLT M8 x 80 long) | 9 |
| 158 | BH108141 | BOLT M8 x 70 long) | 1 |
| 159 | BH108181 | BOLT M8 x 90 long) | 2 |
| 160 | 801684 | WASHER) Tappet block cover | 12 |
| 161 | BH110121 | BOLT) to tappet block | 1 |
| 162 | 801685 | WASHER) | 2 |
| 163 | BH110201 | BOLT M8 x 100) | 1 |
| 164 | BH110321 | BOLT) | 1 |
| 165 | BH108201 | BOLT M8 x 100 mm long) Compressor gear | 2 |
| 166 | 801684 | WASHER) cover to tappet block | 2 |
| 167 | BH108201 | BOLT M8 x 100 long) Covers to rear gear | 3 |
| 168 | 801684 | WASHER) cover and filter bracket | 3 |
| 169 | SH108251 | SETSCREW M8 x 25 mm long) Tappet block cover | 2 |
| 170 | 801684 | WASHER) to tappet block | 2 |
| 171 | 803136 | JOINT) Oil drain pipe | 4 |
| 172 | SH108201 | SETSCREW M8 x 20 mm) to cylinder block | 8 |
| 173 | 801661 | WASHER) and sump | 8 |
| 174 | 10804619 | RESERVOIR fuel sub assembly) | 1 |
| 175 | 10806388 | ADAPTER) | 1 |
| 176 | 10620556 | THERMOSTAT) | 1 |
| 177 | 10804492 | CLIP) Introduced 4.4.72 | 1 |
| 178 | SH106121 | SETSCREW M6 x 12) Clip to) | 2 |
| 179 | 801659 | WASHER single coil 6 mm) bracket) | 2 |
| 180 | NH106041 | NUT M6) | 2 |



HE.17
PL 105768



| Illus. ref. | Part | Description | Quantity per unit |
|---------------------------|------|--|----------------------|
| Sub Group A.25 | | | |
| HEAT EXCHANGER UNIT HE.17 | | | |
| | | | 1 |
| 10805531 | | HEAT EXCHANGER | 1 |
| 10805694 | | PIPE sub assembly oil filter to heat exchanger | 1 |
| 10805633 | | PLUG | 1 |
| 10805534 | | PIPE sub assembly water pump to heat exchanger | 1 |
| 10804794 | | STRAP heat exchanger | 1 |
| 10804790 | | PIN) | 1 |
| 801651 | | WASHER) Strap to bracket | 2 |
| 82879 | | SPLIT PIN 3/32") | 2 |
| 10804791 | | PIN) | 1 |
| 10804792 | | PIN) | 1 |
| 10803359 | | BOLT special) For bracket and strap | 1 |
| 10803360 | | WASHER saddle) | 1 |
| 801662 | | WASHER) | 1 |
| 10805520 | | ADAPTER) Heat exchanger | 1 |
| 511365 | | WASHER) | 1 |
| 10805719 | | ADAPTER special | 1 |
| 10804817 | | NUT special | 1 |
| 801630 | | O-RING) For nut and special | 1 |
| 801858 | | O-RING) adapter to crankcase | 1 |
| 511365 | | WASHER) | 1 |
| 10803959 | | HOSE connecting) | 2 |
| 10903295 | | CLIP hose) For water connections | 4 |
| 801858 | | O-RING elbow to filter | 1 |
| 10805461 | | ELBOW inlet | 1 |
| 10805464 | | JOINT | 1 |
| BH108141 | | BOLT M8 x 70 inlet elbow and water rail to block | 1 |
| SH108251 | | SETSCREW M8 x 25) Inlet elbow to | 1 |
| BH108131 | | BOLT M8 x 65) water rail | 2 |
| 801661 | | WASHER | 4 |



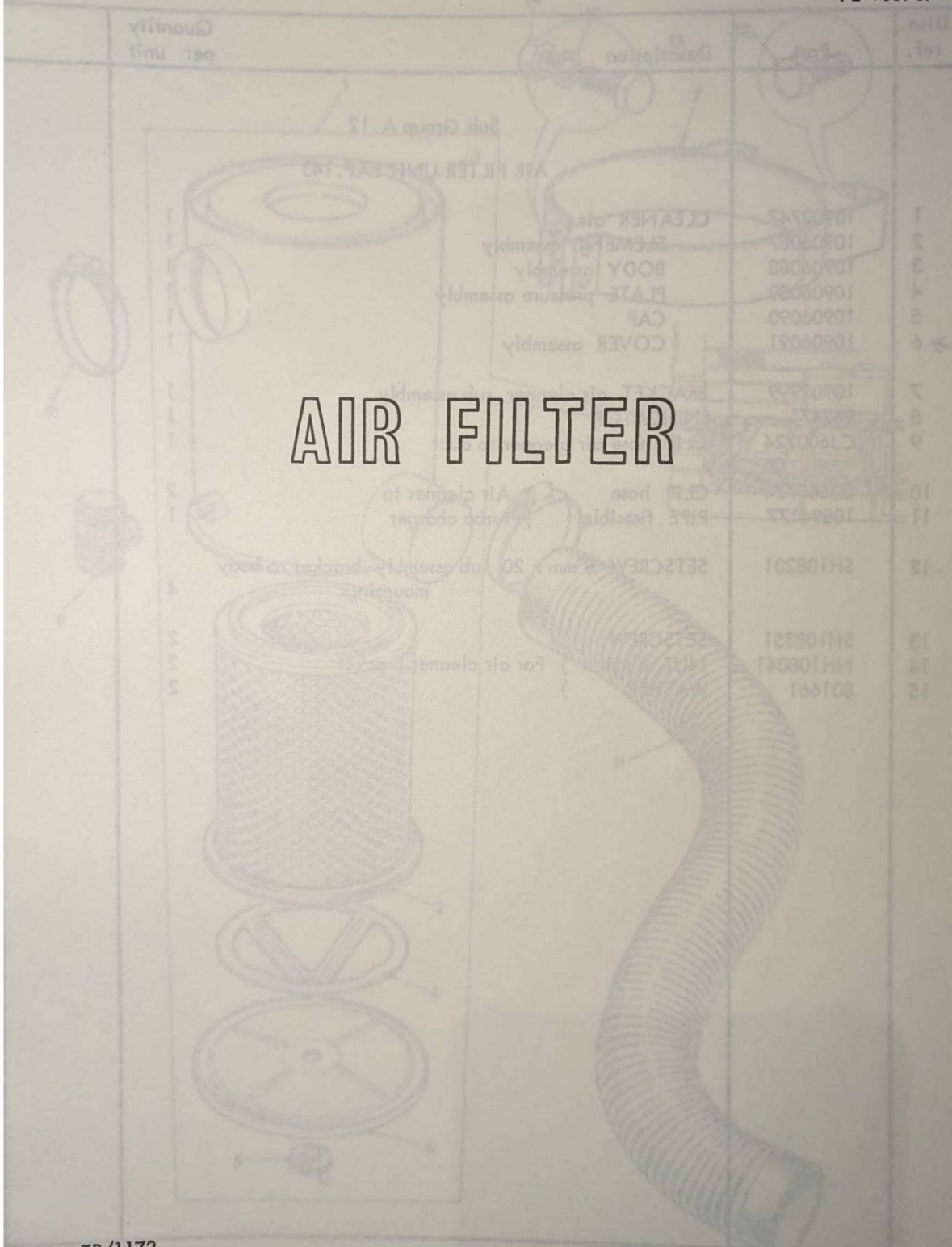
| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|---------------------------------|----------------------|
| | SH108251 | SETSCREW M8 x 25) | 1 |
| | BH108140 | BOLT M8 x 70) | 1 |
| | 801661 | WASHER) | 2 |
| | | Special adapter to crankcase | |
| | SH108201 | SETSCREW M8 x 20) | 2 |
| | 801661 | WASHER) | 2 |
| | | Elbow to filter | |
| | 802141 | JOINT) | 1 |
| | SH108251 | SETSCREW M8 x 25) | 2 |
| | 801661 | WASHER) | 4 |
| | BH108161 | BOLT M8 x 80) | 2 |
| | | Outlet elbow to water pump | |

AIR FILTER



Leyparts

AIR FILTER
EAF.143
PL 105767

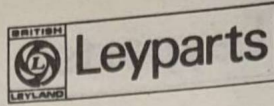


AIR FILTER

TP/1172

A12.1

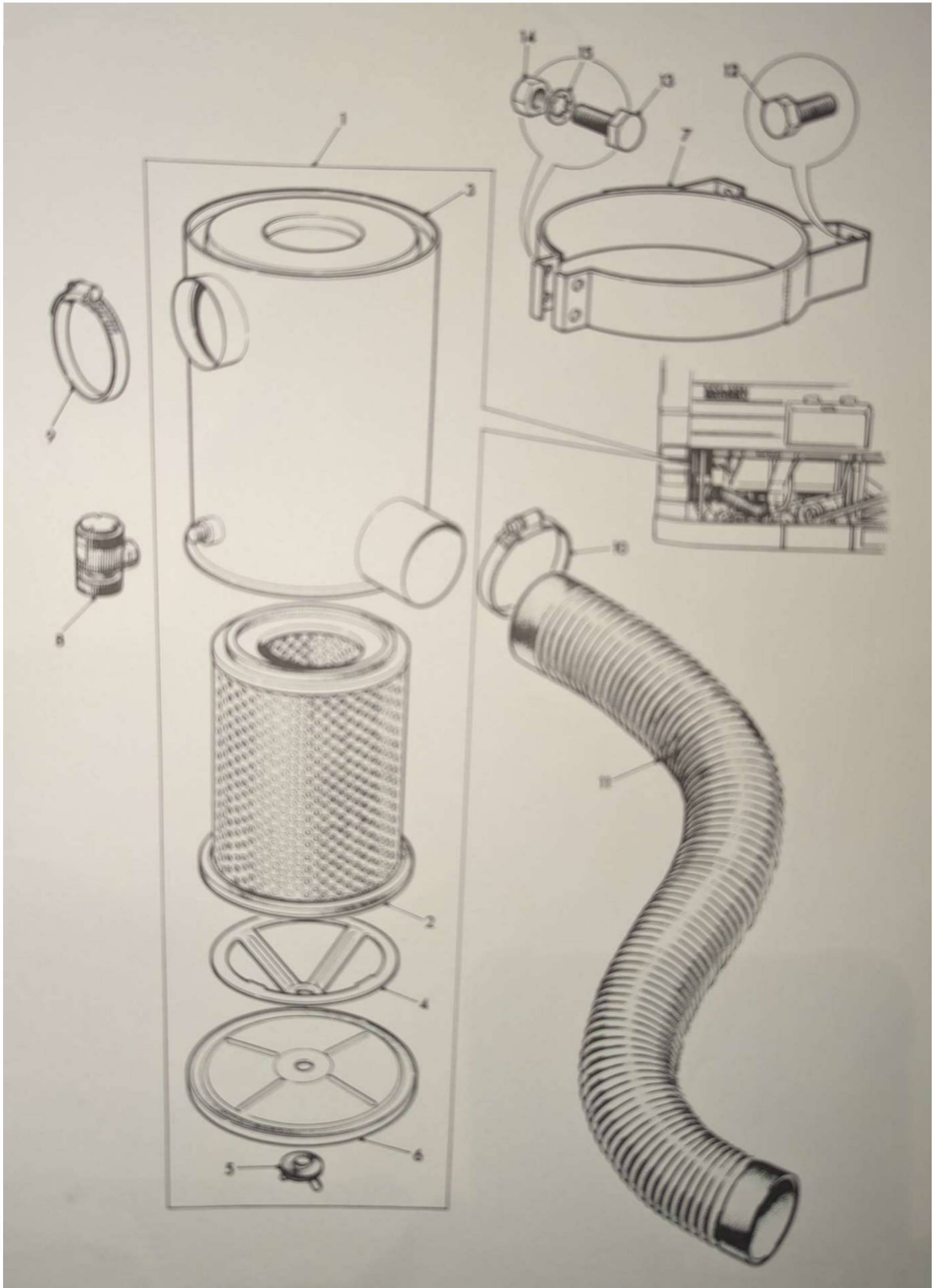
EAF.143
PL 105767



| Illus. ref. | Part | Description | Quantity per unit |
|-------------------------|----------|---|-------------------|
| Sub Group A.12 | | | |
| AIR FILTER UNIT EAF.143 | | | |
| 1 | 10903747 | CLEANER air | 1 |
| 2 | 10906087 | ELEMENT assembly | 1 |
| 3 | 10906088 | BODY assembly | 1 |
| 4 | 10906089 | PLATE pressure assembly | 1 |
| 5 | 10906090 | CAP | 1 |
| * 6 | 10906091 | COVER assembly | 1 |
| 7 | 10902999 | BRACKET air cleaner sub assembly | 1 |
| 8 | 842471 | INDICATOR | 1 |
| 9 | CJ600724 | CLIP hose air cleaner to duct | 1 |
| 10 | CJ600724 | CLIP hose) Air cleaner to | 2 |
| 11 | 10894177 | PIPE flexible) turbo charger | 1 |
| 12 | SH108201 | SETSCREW 8 mm x 20 sub assembly bracket to body mountings | 4 |
| 13 | SH108351 | SETSCREW) | 2 |
| 14 | NH108041 | NUT 8 mm) For air cleaner bracket | 2 |
| 15 | 801661 | WASHER) | 2 |

A12.2

TP/1172*



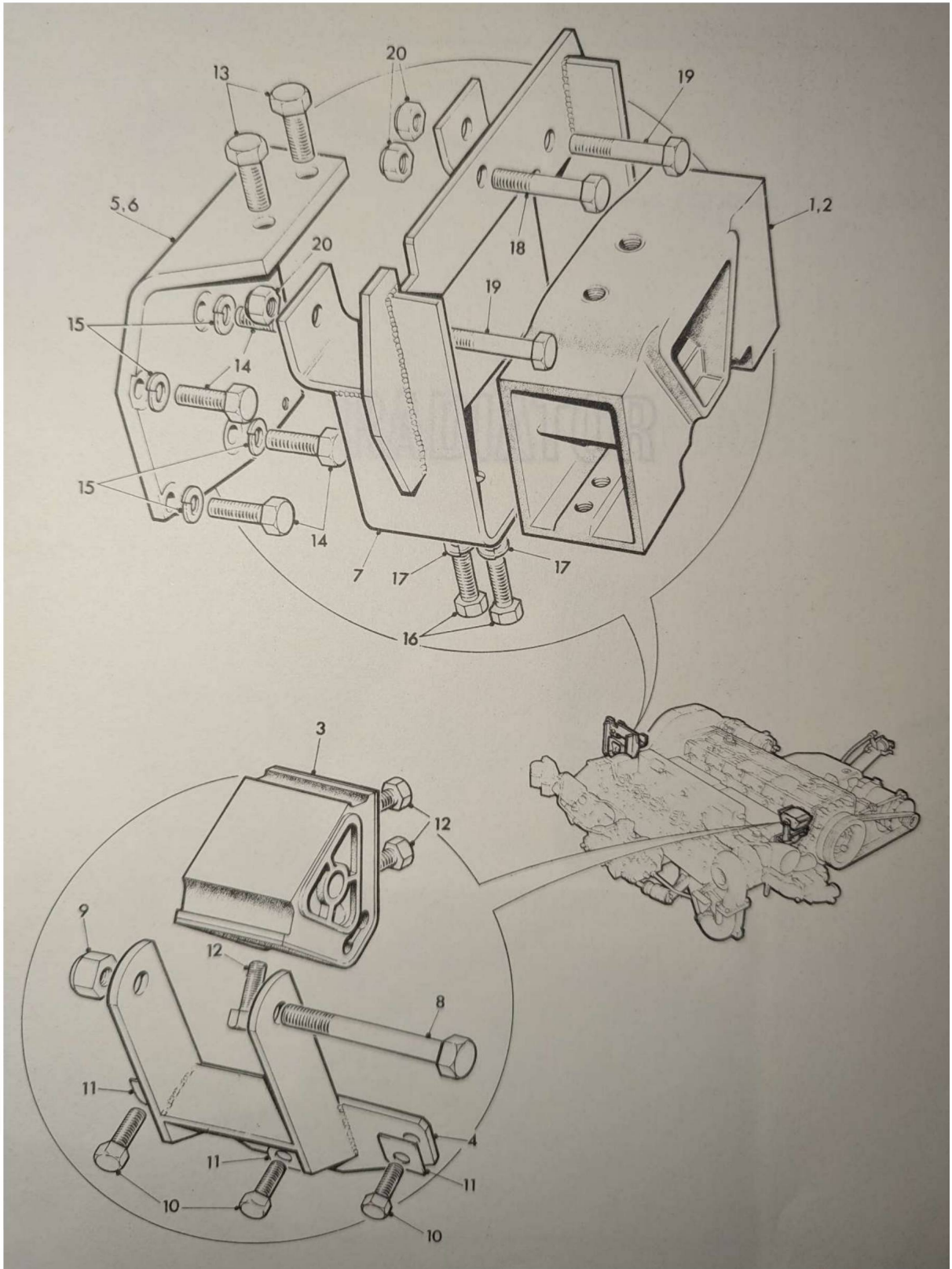
ENGINE MOUNTING

| Qty. | Part | Description | Quantity per unit |
|------|---------|---|-------------------|
| 1 | 1090281 | MOUNTING rubber right hand side vehicle drive | 1 |
| 2 | 1090282 | MOUNTING rubber left hand side vehicle drive | 2 |
| 2 | 1090284 | MOUNTING rubber front | 2 |
| 4 | 1090287 | BRACKET engine support sub assembly front | 4 |
| 2 | 1090388 | BRACKET engine support right rear | 2 |
| 2 | 1090387 | BRACKET engine support left rear | 2 |
| 2 | 1090384 | BRACKET engine mounting rear | 2 |
| 8 | 1090137 | SCREW | 8 |
| 9 | 1080458 | WASHER top (engine body plate | 9 |
| 10 | 2H11251 | SCREW | 10 |
| 11 | 1090273 | WASHER top (engine body plate | 11 |
| 12 | 1090280 | SCREW M10 x 1.5 mounting body structure | 12 |
| 13 | 1090289 | SCREW M14 x 2 30 mm rear support brackets to mounting | 13 |
| 4 | | mounting | 4 |
| 8 | 2H11251 | SETSCREW | 8 |
| 8 | | rear support brackets | 8 |
| 9 | W11201 | WASHER (2 mm I coil spring) to flywheel housing | 9 |
| 16 | 2H11251 | SCREW | 16 |
| 17 | W11201 | WASHER spring to mounting | 17 |
| 18 | 2H11251 | BOLT | 18 |
| 19 | 2H11251 | BOLT | 19 |
| 20 | 1080284 | BOLT Clevis M12 x 1.75 | 20 |

ME.122
PL 105726



| Illus. ref. | Part | Description | Quantity per unit |
|-----------------------------|------------|---|-------------------|
| Sub Group B.3 | | | |
| ENGINE MOUNTING UNIT ME.122 | | | |
| 1 | 10902813/1 | MOUNTING rubber right hand side vehicle green | 1 |
| 2 | 10902813/2 | MOUNTING rubber left hand side vehicle white | 1 |
| 3 | 10902814 | MOUNTING rubber front | 1 |
| 4 | 10901267 | BRACKET engine support sub assembly front | 1 |
| 5 | 10903388 | BRACKET engine support right hand rear | 1 |
| 6 | 10903387 | BRACKET engine support left hand rear | 1 |
| 7 | 10902824 | BRACKET engine mounting rear | 2 |
| 8 | 10901397 | BOLT) Front support | 1 |
| 9 | 10803458 | NUT Cleveloc 20 mm x 2.5) bracket to mounting | 1 |
| 10 | SH112251 | SCREW) Front support bracket | 3 |
| 11 | 10902375 | WASHER tab) engine backplate | 3 |
| 12 | 10902810 | SCREW M10 x 1.5 mounting to body structure | 4 |
| 13 | 10902809 | SCREW M14 x 2 30 mm rear support brackets to mounting | 4 |
| 14 | SH112351 | SETSCREW) Rear support brackets | 8 |
| 15 | WL112001 | WASHER 12 mm 1 coil spring) to flywheel housing | 8 |
| 16 | SH112251 | SCREW) Rear mounting brackets | 8 |
| 17 | WL112001 | WASHER spring) to mounting | 8 |
| 18 | BH112221 | BOLT) | 2 |
| 19 | BH112241 | BOLT) Rear mounting brackets | 4 |
| 20 | 10803454 | NUT Cleveloc M12 x 1.75) body structure | 6 |





Leyparts

RADIATOR
R.352
PL 105696

| Quantity Per Unit | Description | Part No |
|----------------------|--|---------|
| | Job Group B.4 RADIATOR UNIT R.352 RADIATOR assembly complete | 1125001 |

RADIATOR PUMPING

RADIATOR

R.352
PL 105696



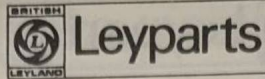
Leyparts

| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|--------------------------------------|----------------------|
| | | Sub Group B.4 RADIATOR UNIT R.352 | |
| | 10902311 | RADIATOR assembly complete | 1 |

B4.2

TP/0273*

RP.175
PL 105725

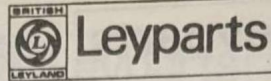


| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|--|----------------------|
| | | Sub Group B.5 | |
| | | RADIATOR PIPING UNIT RP.175 | |
| | | PIPING GROUP | |
| | 10903159 | PIPE | 1 |
| | 10903112 | PIPE sub assembly | 1 |
| | 10903374 | HOSE | 3 |
| | 10903375 | HOSE | 1 |
| | 10903373 | CONNECTION elbow | 1 |
| | 10904024 | HOSE flexible assembly | 1 |
| | 227512 | NUT union | 1 |
| | 10903963 | PIPE 6 mm engine to header tank | 1 |
| | 10902428 | PIPE 6 mm radiator to header tank | 1 |
| | 1047Z103 | CONNECTION rubber relief valve to waste | 1 |
| | 10903461 | ADAPTER) | 1 |
| | 10901872 | NUT) Engine and radiator | 3 |
| | 5066/46 | RING) to header tank | 3 |
| | 542997 | WASHER) | 1 |
| | 10897176 | CLAMP hose | 10 |
| | 191900 | CLIP viblock 2.1/4" | 3 |
| | 10903115 | TANK header sub assembly | 1 |
| | 10903398 | CAP pressure and chain assembly | 1 |
| | 551338 | VALVE relief | 1 |
| | 554893 | JOINT valve to tank | 1 |
| | SC104061 | SETSCREW M4 x 6 cheese head) Relief valve | 6 |
| | WS104031 | WASHER) to tank | 6 |
| | 849518 | ANGLE | 2 |
| | 10902482 | SPRING | 2 |
| | 10903124 | BRACKET) | 1 |
| | 598522 | CLIP) Filler pipe to body | 1 |
| | SH106201 | SETSCREW M6 x 20) | 3 |
| | NH106041 | NUT) Clip to bracket and | 3 |
| | WS106041 | WASHER) bracket to body | 3 |
| | WA106041 | WASHER 1/4" plain) | 3 |

RADIATOR MOUNTING GROUP

| Quantity per unit | Description | Part No. | Ref. |
|-------------------|-----------------------------------|----------|------|
| | Sub Group B. 5A | | |
| | RADIATOR MOUNTING GROUP UNIT RMG. | | |
| | BRACKET sub assembly | 1090302 | 1 |
| | BRACKET sub assembly | 1090303 | 2 |
| | STAY sub assembly | 1090304 | 3 |
| | TRIMMING | 1090305 | 4 |
| | PLATE | 1090306 | 5 |
| | PLATE | 1090307 | 6 |
| | WASHER | 1090308 | 7 |
| | WASHER | 1090309 | 8 |
| | WASHER | 1090310 | 9 |
| | WASHER | 1090311 | 10 |
| | WASHER | 1090312 | 11 |
| | WASHER | 1090313 | 12 |
| | WASHER | 1090314 | 13 |
| | WASHER | 1090315 | 14 |

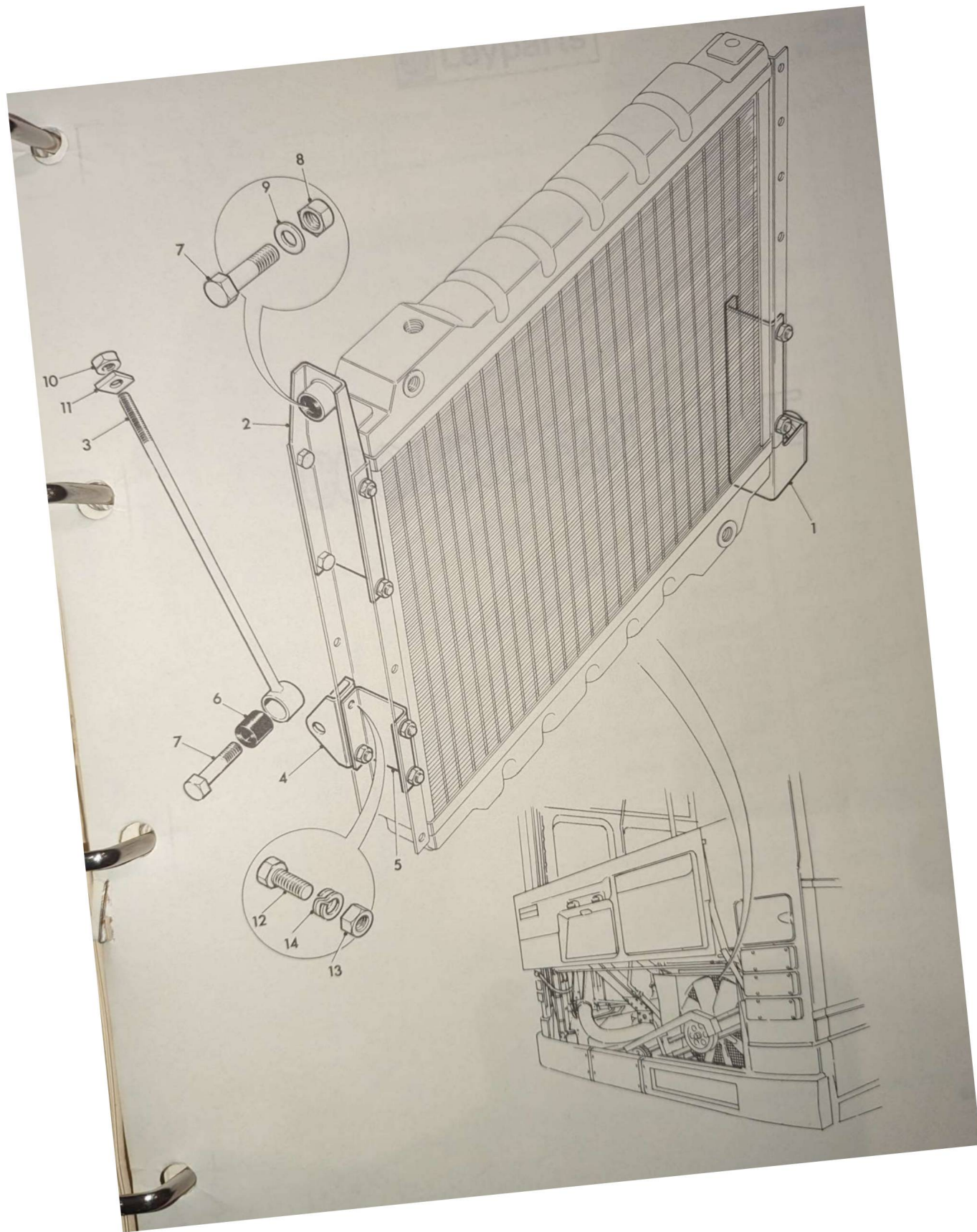
RMG.1
PL 105701



| Illus. ref. | Part | Description | Quantity per unit |
|------------------------------------|----------|---------------------------------|----------------------|
| Sub Group B.5A | | | |
| RADIATOR MOUNTING GROUP UNIT RMG.1 | | | |
| 1 | 10903083 | BRACKET sub assembly | 1 |
| 2 | 10903086 | BRACKET sub assembly | 1 |
| 3 | 10903157 | STAY sub assembly | 1 |
| 4 | 10903090 | TRUNNION | 1 |
| 5 | 10903091 | STIFFENER | 1 |
| 6 | 10903092 | BUSH flexible | 3 |
| 7 | BH112121 | BOLT 12 mm x 60 mm) | 3 |
| 8 | 10803454 | NUT) For mounting brackets | 3 |
| 9 | WA112081 | WASHER 1/2" plain) | 3 |
| 10 | NH108041 | NUT) | 2 |
| 11 | 275398 | WASHER taper) Stay to body | 2 |
| 12 | SH108161 | SETSCREW) | 6 |
| 13 | NH108041 | NUT) Bracket and trunnion | 6 |
| 14 | WS108051 | WASHER) to radiator | 6 |
| | | WASHER) | |
| | | CLAMP bar | |
| | | CLIP black 3/4" | |
| | | TANK feeder sub assembly | |
| | | CAP pressure and drain assembly | |
| | | VALVE relief | |
| | | JOINT valve to tank | |
| | | SETSCREW M3 x 4 chrome head | |
| | | WASHER | |
| | | ANGLE | |
| | | SPRING | |
| | | BRACKET | |
| | | CLIP | |
| | | SETSCREW 1/4" x 3/8" | |
| | | WASHER | |
| | | WASHER | |

B5A.2

TP/1172*





Leyparts

COOLING FAN DRIVE

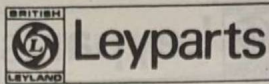
CFD.28

PL 105667

| Quantity | Description | Part No. |
|----------|-----------------------------------|----------|
| 1 | COOLING FAN DRIVE | 1050148 |
| 2 | FAN COWL GROUP | 1050153 |
| 1 | GUARD fan sub assembly | 1050342 |
| 1 | BRACKET support | 1050387 |
| 1 | CHANNEL right hand of shaft drive | 1050388 |
| 1 | CHANNEL left hand | 1050389 |
| 1 | BRACKET sub assembly | 1050390 |
| 1 | KEY | 801937 |
| 1 | NUT | 1050438 |
| 1 | WASHER 5/8" plain | W117401 |
| 1 | SETSCREW | 2H108121 |
| 1 | SHAFT | 1050139 |
| 1 | DISTANCE-PIECE | 1050132 |
| 1 | PULLEY | 1050338 |
| 1 | KEY | 801937 |
| 1 | NUT | 1050438 |
| 1 | WASHER 5/8" plain | W117401 |
| 1 | BEARING | 1052012 |
| 2 | SETSCREW | 2H108121 |
| 1 | NUT | M1108041 |
| 8 | WASHER | W106021 |
| 8 | SETSCREW | 2H108121 |
| 1 | SETSCREW | 2H108201 |
| 8 | WASHER | W106021 |
| 8 | SETSCREW | 2H108201 |
| 1 | SHAFT drive sub assembly | 1050153 |
| 1 | FAN | 1050148 |

COOLING FAN DRIVE

CFD.28
PL 105667



| Illus. ref. | Part | Description | Quantity per unit |
|-------------------------------|------|--------------------------------------|----------------------|
| Sub Group B.12 | | | |
| COOLING FAN DRIVE UNIT CFD.28 | | | |
| FAN COWL GROUP | | | |
| 10903842 | | COWL fan sub assembly | 1 |
| 10903867 | | BRACKET support | 1 |
| 10903868 | | CHANNEL right hand | 1 |
| 10903869 | | CHANNEL left hand | 1 |
| 10903850 | | BRACKET sub assembly | 1 |
| 10901496 | | HOUSING) | 1 |
| 10901232 | | DISTANCE-PIECE) | 1 |
| 10903099 | | PULLEY sub assembly) | 1 |
| 10901230 | | SHAFT fan) | 1 |
| 10620157 | | BEARING) Fan bearing housing | 2 |
| 801939 | | KEY) | 1 |
| 10803456 | | NUT) | 1 |
| WA116101 | | WASHER 5/8" plain) | 1 |
| 10901496 | | HOUSING) | 1 |
| 10901239 | | SHAFT) | 1 |
| 10901232 | | DISTANCE-PIECE) | 1 |
| 10903736 | | PULLEY) | 1 |
| 801939 | | KEY) Drive bearing housing | 1 |
| 10803456 | | NUT) | 1 |
| WA116101 | | WASHER 5/8" plain) | 1 |
| 10620157 | | BEARING) | 2 |
| SH106121 | | SETSCREW) | 7 |
| NH106041 | | NUT) Channels to cowl | 8 |
| WS106041 | | WASHER) | 8 |
| SH106161 | | SETSCREW) | 1 |
| SH108201 | | SETSCREW) | 8 |
| WS108051 | | WASHER) Bearing housing to channels | 8 |
| 10903153 | | SHAFT drive sub assembly | 1 |
| 10901486 | | FAN | 1 |

B12.2

TP/1172



Leyparts

COOLING FAN DRIVE
CFD.28
PL 105667

| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|---------------------------------|----------------------|
| | | DRIVE GROUP | |
| | 10903738 | BELT toothed | 1 |
| | 10901245 | COUPLING flexible | 2 |
| | 10901246 | FLANGE | 1 |
| | 10903855 | GUARD fan drive sub assembly | 1 |
| | 10803454 | NUT) | 6 |
| | BH112091 | BOLT) Drive shaft to couplings | 8 |
| | BH108081 | BOLT) | 1 |
| | NH108041 | NUT) Flange to shaft | 1 |
| | WS108051 | WASHER) | 1 |
| | SH106161 | SETSCREW) | 4 |
| | NH106041 | NUT) Guard to channels | 4 |
| | WS106041 | WASHER) | 4 |
| | | MISCELLANEOUS GROUP | |
| | 10901237 | STRIP foam 10 ft per vehicle | as reqd. |
| | SH108201 | SETSCREW) | 6 |
| | WS108051 | WASHER) Fan to fan shaft | 6 |
| | SH108161 | SETSCREW) | 11 |
| | NH108041 | NUT) Fan cowl to radiator | 11 |
| | WS108051 | WASHER) | 11 |



Leyparts

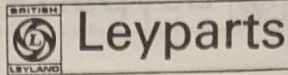
GEARBOX

GB.395
PL 106062

| Quantity | Description | Part No. | Unit |
|----------|--------------------------------------|----------|------|
| 1 | Sub Group | | |
| 1 | GEARBOX WITH SHAFT | 1092106 | |
| 1 | SHAFT | 51102 | |
| 1 | GEAR | 1092106 | |
| 1 | GEAR | 1092106 | |
| 1 | GEARBOX ASSEMBLY | 1092106 | |
| 1 | SUNWHEEL and brake drum and assembly | 51102 | |
| 1 | third speed | 1092106 | |
| 1 | SHAFT | 1092106 | |
| 1 | CASE | 627439 | |
| 1 | SPACE | 1092106 | |
| 1 | CIRCLIP | 1092106 | |
| 1 | HOUSING drive | 46K17 | |
| 1 | JOINT | 51102 | |
| 1 | GEAR TRAIN | 1092106 | |
| 1 | FINION planet | 51102 | |
| 1 | RACE inner planet | 5092652 | |
| 1 | BEARING needle roller | 5092652 | |
| 1 | CARRIER planet | 83749 | |
| 1 | PLATE cover | 51102 | |
| 1 | RIVET | 50022 | |
| 1 | DISTANCE PIECE | 50022 | |
| 1 | PLATE | 50022 | |
| 1 | TRAIN second speed gear and assembly | 50022 | |
| 1 | FINION planet | 50022 | |
| 1 | RACE inner planet | 5092720 | |
| 1 | BEARING needle roller | 5092721 | |
| 1 | PLATE | 51102 | |
| 1 | PLATE | 50022 | |
| 1 | DISTANCE PIECE | 50022 | |
| 1 | RIVET 3/8" | 50022 | |
| 1 | RIVET | 50022 | |
| 1 | SHAFT output | 50022 | |
| 1 | TRAIN gear second speed and assembly | 50022 | |
| 1 | FINION planet | 50022 | |
| 1 | RACE inner planet | 5092720 | |
| 1 | BEARING needle roller | 5092721 | |
| 1 | PLATE | 50022 | |
| 1 | DISTANCE PIECE | 50022 | |
| 1 | RIVET 1/2" | 50022 | |
| 1 | RIVET 3/8" | 50022 | |

GEARBOX

GB.395
PL 106062



| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|---|----------------------|
| | | Sub Group C.1 | |
| | | GEARBOX UNIT GB.395 | |
| | | FIVE SPEED PNEUMOCYCLIC | |
| | 10903186 | GEARBOX assembly | 1 |
| | 541802 | SUNWHEEL and brake drum sub assembly third speed | 1 |
| | 10897482 | SHAFT speedometer drive | 1 |
| | 827420 | CASING for speedometer drive | 1 |
| | 10897118 | SPACER | 1 |
| | 10897597 | CIRCLIP | 1 |
| | 469K17 | HOUSING drive | 1 |
| | 6418Z222 | JOINT | 1 |
| | 10868061 | GEAR TRAIN first speed sub assembly | 1 |
| | 542268 | PINION planet | 6 |
| | 50956657 | RACE inner planet wheel | 6 |
| | 50956658 | BEARING needle roller | 6 |
| | 827409 | CARRIER planet | 1 |
| | 542267 | PLATE carrier | 1 |
| | 500055 | RIVET 1/2" | 9 |
| | 500047 | DISTANCE PIECE | 3 |
| | 829452 | TRAIN second speed gear sub assembly | 1 |
| | 500069 | PINION planet | 5 |
| | 50957270 | RACE inner planet wheel | 5 |
| | 50957271 | BEARING needle roller | 5 |
| | 542266 | PLATE carrier | 1 |
| | 500052 | PLATE | 1 |
| | 500045 | DISTANCE PIECE | 5 |
| | 500061 | RIVET 3/8" | 5 |
| | 500060 | RIVET 5/8" | 5 |
| | 827442 | SHAFT output | 1 |
| | 554437 | TRAIN gear second speed sub assembly | 1 |
| | 500069 | PINION planet | 3 |
| | 50957270 | RACE inner planet wheel | 3 |
| | 50957271 | BEARING needle roller | 3 |
| | 500125 | ANNULUS | 3 |
| | 501198 | DISTANCE PIECE | 1 |
| | 501199 | RIVET 1/2" | 6 |
| | 500060 | RIVET 5/8" | 6 |
| | | | 3 |



Leyparts

GEARBOX
GB.395
PL 106062

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---------------------------------------|-------------------|
| | 554050 | ANNULUS | 1 |
| | 544636 | TRAIN third speed gear sub assembly | 1 |
| | 500064 | PINION planet | 3 |
| | 50957268 | RACE inner planet wheel | 3 |
| | 50957269 | BEARING needle roller | 3 |
| | 544413 | ANNULUS | 1 |
| | 544412 | PLATE | 1 |
| | 543834 | DISTANCE PIECE | 3 |
| | 543833 | RIVET | 6 |
| | 500055 | RIVET 1/2" | 3 |
| | 829453 | TRAIN gear reverse speed sub assembly | 1 |
| | 500064 | PINION planet | 5 |
| | 50957268 | RACE inner planet wheel | 5 |
| | 50957269 | BEARING needle roller | 5 |
| | 827406 | CARRIER reverse planet | 1 |
| | 521164 | PLATE carrier | 1 |
| | 500047 | DISTANCE PIECE | 5 |
| | 500055 | RIVET 1/2" | 10 |
| | 829454 | CLUTCH sub assembly | 1 |
| | 827007 | MEMBER clutch inner sub assembly | 1 |
| | 827010 | MEMBER clutch inner | 1 |
| | 500044 | PLATE rear clutch | 1 |
| | 507190 | RIVET | 6 |
| | 511535 | PLUG screwed | 4 |
| | 827008 | PANEL clutch sliding sub assembly | 1 |
| | 827011 | PANEL clutch sliding | 1 |
| | 500051 | PLATE inner | 1 |
| | 560439 | RIVET | 12 |
| | 508975 | RING trunnion sub assembly | 1 |
| | 500134 | RING trunnion | 1 |
| | 509122 | STUD 5/16" x 1.00 UNF | 4 |
| | 842452 | PLATE clutch inner | 4 |
| | 658014 | PIN for clutch | 6 |
| | 505764 | BEARING angular contact | 1 |
| | 500133 | HOUSING clutch bearing | 1 |
| | 500030 | PIN clutch actuating | 2 |
| | NL605041 | NUT slotted 5/16" UNF | 4 |
| | 827009 | CIRCLIP | 1 |

GB.395
PL 106062



| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|--|-------------------|
| | 500118 | SPRING | 6 |
| | 50357317 | PLATE outer clutch | 5 |
| | 508985 | LEVER operating sub assembly | 1 |
| | 505760 | LEVER operating | 1 |
| | 506664 | ROD piston | 1 |
| | 506646 | PIN | 1 |
| | 50558189 | HOUSING flywheel bell | 1 |
| | 829041 | STUD 3/8" UNC/UNF | 6 |
| | 843026 | INSERT 9/16" UNC x 1.125 | 8 |
| | 10903060 | PUMP oil assembly | 1 |
| | 50358186 | COVER pump | 1 |
| | 50558126 | BODY pump | 1 |
| | 50558127 | PLATE pump cover | 1 |
| | 50358128 | SPIGOT and cover | 1 |
| | 50958174 | GEAR main and shaft pump | 1 |
| | 50957179 | SHAFT pump idler | 1 |
| | 50957833 | PINION pump driven | 1 |
| | 10903300 | O-RING | 2 |
| | 50358377 | O-RING | 1 |
| | 5090851 | GEAR pump idler sub assembly | 1 |
| | 5098185 | BUSH | 2 |
| | 50957849 | BODY valve | 1 |
| | 50957850 | SPRING | 1 |
| | 239047 | BALL steel 3/8" | 1 |
| | 10903167 | BEARING | 1 |
| | 50857930 | KEY 3/8" | 1 |
| | 10903065 | DOWEL | 1 |
| | 517102 | NUT 3/8" UNF) Pump driving | 1 |
| | WA110060 | WASHER 3/8" plain) to shaft | 1 |
| | 50858440 | SEAL oil for pump cover | 1 |
| | SX504061 | SCREW hexagonal 1/4" UNC x 3/4") Pump | 9 |
| | X75947 | WASHER 1/4" Kolok) cover to | 9 |
| | | |) cover |
| | | |) plate |
| | 50858173 | SCREW) Pump to bell | 9 |
| | 10903299 | WASHER spring) housing | 9 |

Cl.4

TP/1171



Leyparts

GEARBOX
GB.395
PL 106062

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---------------------------------|-------------------|
| | 10903415 | SCREW socket head)Cover plate | 10 |
| | 10903416 | WASHER) to body | 10 |
| | 55504061 | SCREW 1/4" UNC x 3/4" | 7 |
| | 50958417 | PLUG for pump body | 2 |
| | 505619 | DOWEL pump cover to cover plate | 1 |
| | 10865958 | CASE gear | 1 |
| | 842406 | STUD | 8 |
| | 829046 | STUD 3/8" UNC/UNF | 28 |
| | 829042 | STUD 3/8" UNC/UNF | 18 |
| | 829043 | STUD 3/8" UNC/UNF | 14 |
| | 829044 | STUD 3/8" UNC/UNF | 1 |
| | 836146 | INSERT | 10 |
| | 10871851 | STUD 3/8" UNC/UNF x 2.50 | 5 |
| | 829457 | FILTER oil sub assembly | 1 |
| | 10871095 | HEAD assembly | 1 |
| | 10871096 | ELEMENT filter sub assembly | 1 |
| | 829745 | SEAL element | 2 |
| | 829740 | CIRCLIP | 1 |
| | 829741 | GUIDE element | 1 |
| | 829742 | GASKET | 1 |
| | 829743 | WASHER | 1 |
| | 829744 | SPRING | 1 |
| | 829747 | SUMP seal bar | 1 |
| | 829750 | SUMP | 1 |
| | 829751 | BOLT centre | 1 |
| | 829753 | SEAL for sump | 1 |
| | 829754 | WASHER reinforced | 1 |
| | 10903464 | PIPE suction sub assembly | 1 |
| | 10903465 | PIPE sub assembly return | 1 |
| | 10903466 | PIPE sub assembly delivery | 1 |
| | 520458 | BREATHER filtered sub assembly | 1 |
| | 509108 | WASHER for breather | 1 |
| | 846366 | PLUG | 1 |
| | 50557886 | SHAFT input | 1 |
| | 500029 | PIN clutch pivot | 1 |
| | 518315 | RING split | 1 |
| | 50958235 | RING piston | 1 |
| | 505762 | BEARING | 1 |

GB.395
PL 106062



Leyparts

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-----------|-----------------------------|-------------------|
| | 50358188 | HOUSING input bearing | 1 |
| | 50957507 | SPACER | 1 |
| | 50958233 | COLLAR input bearing | 1 |
| | 517521 | RING seal | 1 |
| | 50958234 | NUT ring for input shaft | 2 |
| | 500067 | BUSH | 2 |
| | 500046 | BUSH | 2 |
| | 829575 | O-RING | 1 |
| | 829581 | O-RING | 1 |
| | 837522 | JOINT | 1 |
| | 500063 | BUSH | 1 |
| | 500078 | BUSH | 1 |
| | 500127 | ANNULUS | 1 |
| | 500043 | BUSH | 1 |
| | 500053 | SUNWHEEL | 1 |
| | 500054 | BUSH reverse sun wheel | 2 |
| | 825558 | SLEEVE | 1 |
| | 505765 | BEARING intermediate | 1 |
| | 518525/10 | WASHER adjusting | as reqd. |
| | 518525/12 | WASHER adjusting | as reqd. |
| | 518525/14 | WASHER adjusting | as reqd. |
| | 518525/16 | WASHER adjusting | as reqd. |
| | 518525/18 | WASHER adjusting | as reqd. |
| | 518525/20 | WASHER adjusting | as reqd. |
| | 518525/22 | WASHER adjusting | as reqd. |
| | 518525/24 | WASHER adjusting | as reqd. |
| | 527901 | FLANGE coupling | 1 |
| | 505582 | WASHER) Coupling | 1 |
| | K5732 | SPLIT PIN) flange | 1 |
| | 505577 | NUT | 1 |
| | 10903409 | COVER rear end sub assembly | 1 |
| | 505583 | WASHER | 1 |
| | 505763 | BEARING output | 1 |
| | 10892392 | HOUSING output oil seal | 1 |
| | 10891398 | GASKET | 1 |
| | 544142 | SEAL oil output | 1 |
| | 511650 | FLINGER mud | 1 |
| | 521148 | ANNULUS | 1 |

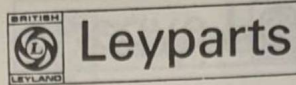


Leyparts

GEARBOX
GB.395
PL 106062

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|---------|--|-------------------|
| 521149 | BUSH | BUSH | 1 |
| 521150 | BUSH | BUSH | 1 |
| 542265 | BUSH | BUSH | 1 |
| 10893530 | GEAR | speedometer driving | 1 |
| 845492 | BUSH | splined | 1 |
| 838729 | PLATE | fifth speed cylinder cover | 1 |
| 589915 | PISTON | PISTON | 1 |
| 589920 | RING | retaining | 2 |
| 506640 | LINER | cylinder | 1 |
| 506662 | PLATE | PLATE | 1 |
| 506661 | SPRING | return fourth speed | 1 |
| 539071 | SEAL | external distributor | 2 |
| 829578 | O-RING | O-RING | 1 |
| 838742 | O-RING | O-RING | 1 |
| 506658 | PIN | pivot clutch operating lever | 1 |
| 827402 | PLATE | cylinder cover first and reverse speed | 1 |
| 827403 | PLATE | cylinder cover second speed | 1 |
| 827404 | PLATE | cylinder cover third speed | 1 |
| 827405 | PLATE | cylinder cover fourth speed | 1 |
| 838661 | PLATE | cylinder cover | 1 |
| 9545 | PLUG | 1/4" B.S.P. | 6 |
| 232470 | WASHER | WASHER | 6 |
| 508057 | ADAPTER | ADAPTER | 5 |
| 827471 | HOUSING | restrictor | 5 |
| 827472 | VALVE | restrictor | 3 |
| 827474 | VALVE | restrictor | 2 |
| 10870898 | ADAPTER | ADAPTER | 6 |
| 146855 | WASHER | restrictor housing and fifth speed | 11 |
| 829583 | O-RING |) 1st and reverse | 2 |
| 829582 | O-RING |) speed | 2 |
| 829580 | O-RING |) 2nd speed | 1 |
| 829579 | O-RING |) 2nd speed | 1 |
| 829578 | O-RING |) 3rd speed | 1 |
| 829577 | O-RING |) 3rd speed | 1 |
| 829577 | O-RING | O-RING | 1 |
| 829576 | O-RING | O-RING | 1 |
| 827400 | COVER | inspection | 2 |

GB.395
PL 106062



| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|--|-------------------|
| | 827401 | JOINT | 2 |
| | 827398 | JOINT)Bottom cover | 1 |
| | 506654 | DOWEL)to gearcase | 2 |
| | 520463 | SETSCREW breather | 1 |
| | X75951 | WASHER 1/2" Kolok | 1 |
| | 509108 | WASHER | 1 |
| | 827477 | PLUG oil filler | 2 |
| | 829870 | WASHER | 2 |
| | 511570 | PLUG magnetic)For drain | 1 |
| | 511365 | WASHER) | 1 |
| | 835185 | ADAPTER | 2 |
| | 829736 | SEAL | 2 |
| | 815245 | ADAPTER 5/8" x 1/2")For flywheel | 2 |
| | 861839 | SEAL)bell housing | 2 |
| | 13834 | PLUG 1/2" B.S.P.)For rear end | 1 |
| | X42629 | WASHER)of gearbox | 1 |
| | 516734 | PLATE name | 1 |
| | 516738 | SCREW round head | 4 |
| | NH606041 | NUT 3/8" UNF Grade 1)Inspection cover | 28 |
| | X75949 | WASHER 3/8" Kolok)to gearcase | 28 |
| | NH606041 | NUT 3/8" UNF)Fifth speed | 6 |
| | X75949 | WASHER 3/8" Kolok)cylinder cover | 6 |
| | NH606041 | NUT 3/8" UNF Grade 1)For bottom | 20 |
| | X75962 | WASHER Thackeray)cover | 20 |
| | NH606041 | NUT 3/8" UNF Grade 1)Bottom cover | 38 |
| | X75962 | WASHER Thackeray)to gear case | 38 |
| | NH606041 | NUT 3/8" UNF Grade 1)For filter | 2 |
| | X75962 | WASHER Thackeray)plate | 2 |
| | BH506121 | BOLT 3/8" UNC) | 6 |
| | BH506221 | BOLT 3/8" UNC)For output | 1 |
| | BH506361 | BOLT 3/8" UNC x 4.1/2")casing | 1 |
| | X75962 | WASHER Thackeray) | 8 |

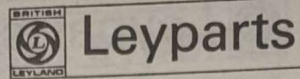


Leyparts

GEARBOX
GB.395
PL 106062

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------|---|-------------------|
| BH508101 | | BOLT 1/2" UNC) | 5 |
| NH608041 | | BOLT 1/2" UNF) | 8 |
| X75964 | | WASHER Thackeray 1/2") Flywheel | 10 |
| 829735 | | WASHER) | 3 |
| BH506101 | | BOLT 3/8" UNC x 1.1/4") Output seal | 7 |
| X75962 | | WASHER) housing | 7 |
| BH504151 | | BOLT 1/4" UNC) | 4 |
| X75960 | | WASHER 1/4" Thackeray) For speedometer | 4 |
| 593549 | | BANDS brake and linings assembly | 5 |
| 593551 | | BAND brake external sub assembly | 5 |
| 554179 | | BAND brake external | 5 |
| 593553 | | LINING external brake band | 5 |
| 599894 | | RIVET flat headed tubular | 40 |
| 599895 | | RIVET flat headed tubular | 40 |
| 599896 | | RIVET flat headed tubular | 5 |
| 599897 | | RIVET flat headed tubular | 5 |
| 599898 | | RIVET flat headed tubular | 5 |
| 593552 | | BAND internal brake sub assembly | 5 |
| 554178 | | BAND internal brake | 5 |
| 593554 | | LINER internal brake | 5 |
| 599893 | | RIVET flat headed tubular | 130 |
| 508986 | | TABLE auto adjusting sub assembly | 4 |
| 508987 | | RING automatic adjuster sub assembly | 4 |
| 500076 | | NUT | 4 |
| 500081 | | SPRING automatic adjuster | 4 |
| 500070 | | RACE cam roller outer race | 5 |
| 500071 | | RACE cam roller inner race | 5 |
| 231732 | | ROLLER needle | 110 |
| 500092 | | DOWEL | 5 |
| 10897004 | | GUIDE plate sub assembly | 2 |
| 500090 | | PIN cam roller | 5 |
| 500077 | | SCREW adjuster | 5 |
| 500097 | | PIN | 5 |
| 500109 | | SHAFT operating lever short | 1 |
| 827424 | | SHAFT operating lever | 1 |
| 827425 | | SHAFT operating lever | 1 |
| 500114 | | PIN link internal band | 5 |
| 500103 | | ROD pull | 5 |

GB.395
PL 106062



| Illus. ref. | Part | Description | Quantity per unit | |
|-------------|----------|---|-----------------------------|---|
| | | | 5 | |
| | 500072 | PIN | 10 | |
| | 500080 | SPRING centraliser | 5 | |
| | 500087 | ROD piston | 4 | |
| | 500084 | PIN bearing piston rod | 1 | |
| | 829095 | PIN bearing piston rod | 10 | |
| | 282038 | CIRCLIP | 5 | |
| | 500124 | PAD thrust | 4 | |
| | 500083 | LEVER operating thrust pad | 1 | |
| | 827423 | LEVER operating thrust pad | 2 | |
| | 511542 | SPRING piston return low speed |)First and reverse speed | |
| | 589911 | PISTON | | 2 |
| | 500085 | SPRING piston return |)2nd speed | |
| | 589912 | PISTON | | 1 |
| | 500089 | SPRING piston return |)3rd speed | |
| | 589913 | PISTON | | 1 |
| | 500088 | SPRING piston return |)4th speed | |
| | 589914 | PISTON | | 1 |
| | 511512 | LINER cylinder first and reverse speed | 2 | |
| | 506637 | LINER cylinder second speed | 1 | |
| | 506638 | LINER cylinder third speed | 1 | |
| | 506639 | LINER cylinder fourth speed | 1 | |
| | 589916 | RING retaining first and reverse speed | 4 | |
| | 589917 | RING retaining second speed | 2 | |
| | 589918 | RING retaining third speed | 2 | |
| | 589919 | RING retaining fourth speed | 2 | |
| | 238560 | CIRCLIP internal band link pin | 10 | |
| | 282038 | CIRCLIP operating lever shaft | 4 | |
| | NL605041 | NUT 5/16" slotted |) Cam roller pin | |
| | X75919 | WASHER 5/16" plain | | 5 |
| | K5659 | SPLIT PIN 1/16" x 5/8" | | 5 |
| | NH606041 | NUT 3/8" UNF external band adjusting screw | 5 | |
| | 539657 | SEAL external distributor first and reverse speed | 4 | |
| | 539069 | SEAL external distributor second | 2 | |
| | 539070 | SEAL external distributor third | 2 | |
| | 539072 | SEAL external distributor fourth | 2 | |



Leyparts

GEARBOX
GB.395
PL 106062

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------|--------------------------------------|-------------------|
| 10895353 | | COVER bottom and sump | 1 |
| 829041 | | STUD 3/8" UNC/UNF | 22 |
| 50356556 | | FILTER oil sub assembly | 1 |
| 827421 | | COVER cylinder block | 1 |
| 511545 | | COVER cylinder block reverse gear | 1 |
| 505461 | | LINK internal band | 5 |
| 500095 | | BOLT eye | 10 |
| 500116 | | BOLT eye | 12 |
| 500094 | | CENTRALISER | 5 |
| 500102 | | CENTRALISER | 5 |
| 827427 | | ROD centraliser long | 2 |
| 500101 | | ROD centraliser short | 2 |
| 500098 | | HOOK rear | 5 |
| 500099 | | HOOK front | 5 |
| 827426 | | ROD fulcrum | 2 |
| 827428 | | DISTANCE PIECE | 1 |
| 506649 | | DISTANCE PIECE .104" long | 2 |
| 827430 | | DISTANCE PIECE .341" long | 1 |
| 827431 | | DISTANCE PIECE | 2 |
| 827432 | | DISTANCE PIECE .807" long | 1 |
| 827433 | | DISTANCE PIECE 1.045" long | 1 |
| 827434 | | DISTANCE PIECE 1.478" long | 1 |
| 827435 | | DISTANCE PIECE 1.722" long | 1 |
| 506654 | | DOWEL | 4 |
| 10887376 | | CIRCLIP centraliser rods | 8 |
| 10887377 | | CIRCLIP for fulcrum rods | 4 |
| 558237 | | LOCKNUT 5/8" UNF | 10 |
| 829738 | | SEAL | 10 |
| 517112 | | NUT 3/8" UNF centraliser eyebolts | 12 |
| 829734 | | SEAL | 12 |
| 5H506081 | | SETSCREW 3/8" x 1" UNC)Cylinder | 10 |
| X75962 | | WASHER) covers | 10 |
| BH506101 | | BOLT 3/8" UNC x 1.1/4")Cylinder | 4 |
| X75962 | | WASHER Thackeray) covers | 4 |
| 829784 | | SETSCREW 1/4" UNC suction oil filter | 1 |



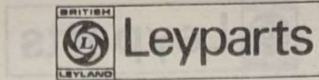
Leyparts

CLUTCH
C. 92
PL 105706

| Quantity per unit | Description | Part No. |
|-------------------|---|----------|
| | Sub Group B.1 | |
| | CLUTCH UNIT C.92 | |
| 1 | COUPLING fluid assembly | 10891750 |
| 1 | CASING rear sub assembly | 10891753 |
| 2 | PLUG on box | 145110 |
| 2 | WASHER for plug | 805082 |
| 2 | INSERT thread | 10891742 |
| 1 | RUNNER | 10889294 |
| 3 | DOWEL | 841784 |
| | WASHER top | 30927182 |
| | BEARING ball | 81042 |
| | COUPLING input | 30927149 |
| | SHAFT coupling input | 30927882 |
| | GEAR pump driving | 30927898 |
| | RING piston | 30927182 |
| | O-RING | 30927189 |
| | RING mating | 840912 |
| 6 | SETScrew 5/16" UNC baffle plate to runner | 842382 |
| 6 | SETScrew 1/2" UNC (reaction member) to runner | 2450811 |
| 3 | PLATE top | 841771 |
| 10 | SCREW M10 x 1.5 x 30 (for casing) to flywheel | 24110301 |
| 10 | WASHER spring | 801682 |
| 6 | BOLT 5/16" UNC (Pump gear to washer 5/16" Kolo) | 24502001 |
| 6 | WASHER 5/16" Kolo | 803948 |
| 6 | SETScrew 3/8" UNCF 1.75" (to right) | 24505101 |
| 6 | WASHER 3/8" Kolo | 803949 |

SPEEDO DRIVE CLUTCH

C.92
PL 105706



| Illus. ref. | Part | Description | Quantity per unit |
|------------------|------|--|----------------------|
| Sub Group B.1 | | | |
| CLUTCH UNIT C.92 | | | |
| 10901760 | | COUPLING fluid assembly | 1 |
| 10897073 | | CASING rear sub assembly | 1 |
| 145110 | | PLUG on boss | 2 |
| 802065 | | WASHER for plug | 2 |
| 10897047 | | INSERT thread | 2 |
| 10888994 | | RUNNER | 1 |
| 841764 | | DOWEL | 3 |
| 50957884 | | PLATE baffle | 1 |
| 50957151 | | HOUSING bearing | 1 |
| 50957180 | | NUT ring | 1 |
| 50957152 | | WASHER tab | 1 |
| 81045 | | BEARING ball | 1 |
| 50957149 | | COUPLING input | 1 |
| 50357885 | | SHAFT coupling input | 1 |
| 50357836 | | GEAR pump driving | 1 |
| 50957185 | | RING piston | 1 |
| 50857186 | | O-RING | 2 |
| 843917 | | RING sealing | 1 |
| 842367 | | SETSCREW 5/16" UNC baffle plate to runner | 6 |
| SH508111 | | SETSCREW 1/2" UNC) Reaction member | 6 |
| 841771 | | PLATE tab) to runner | 3 |
| SH110301 | | SCREW M10 x 1.5 x 30) Rear casing | 16 |
| 801685 | | WASHER spring) to flywheel | 16 |
| BH505081 | | BOLT 5/16" UNC) Pump gear to | 6 |
| X75948 | | WASHER 5/16" Kolok) rear casing | 6 |
| SH506101 | | SETSCREW 3/8" UNC x 1.1/4") Spigot to shaft | 6 |
| X75949 | | WASHER 3/8" Kolok) | 6 |



Leyparts

SPEEDOMETER DRIVE

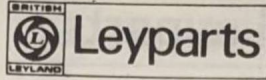
SD.49 50 51

PL 105841

| Quantity per unit | Description | Part |
|----------------------|--|----------|
| | Sub Group C.3 | |
| | SPEEDOMETER DRIVE UNIT SD.49 50 51 | |
| 1 | WHEEL change on driving spindle (SD.49 for axle) | 73142493 |
| 1 | WHEEL change on driven spindle (ratio 4.30 : 1) | 73142473 |
| 1 | RIVET | 95372181 |
| 1 | WHEEL change on driving spindle (SD.50 for axle) | 73142478 |
| 1 | WHEEL change on driven spindle (ratio 4.33 : 1) | 73142483 |
| 1 | RIVET | 95372181 |

SPEEDOMETER DRIVE

SD.49 50 51
 PL 105841



| Illus. ref. | Part | Description | Quantity per unit |
|------------------------------------|------|---|----------------------|
| Sub Group C.3 | | | |
| SPEEDOMETER DRIVE UNIT SD.49 50 51 | | | |
| 7314Z493 | | WHEEL change on driving spindle) SD.49 | 1 |
| 7314Z673 | | WHEEL change on driven spindle) for axle | 1 |
| 9227Z131 | | RIVET) ratio 4.30 : 1 | 1 |
| 7314Z478 | | WHEEL change on driving spindle) SD.50 | 1 |
| 7314Z653 | | WHEEL change on driven spindle) for axle | 1 |
| 9227Z131 | | RIVET) ratio 4.93 : 1 | 1 |
| 7314Z476 | | WHEEL change on driving spindle) SD.51 | 1 |
| 7314Z669 | | WHEEL change on driven spindle) for axle | 1 |
| 9227Z131 | | RIVET) ratio 5.68 : 1 | 1 |

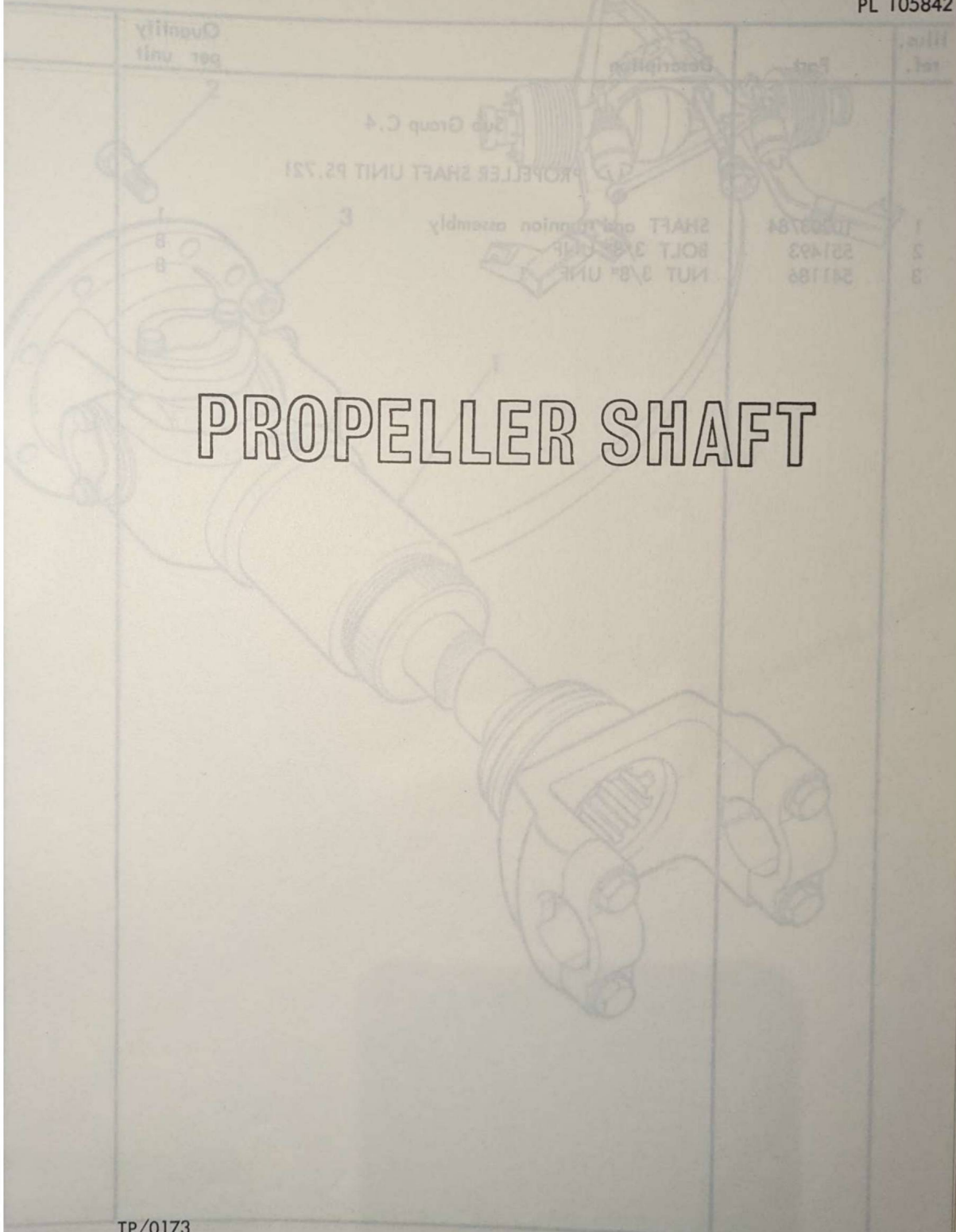


Leyparts

PROPELLER SHAFT

PS.721

PL 105842

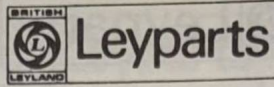


PROPELLER SHAFT

TP/0173

C4.1

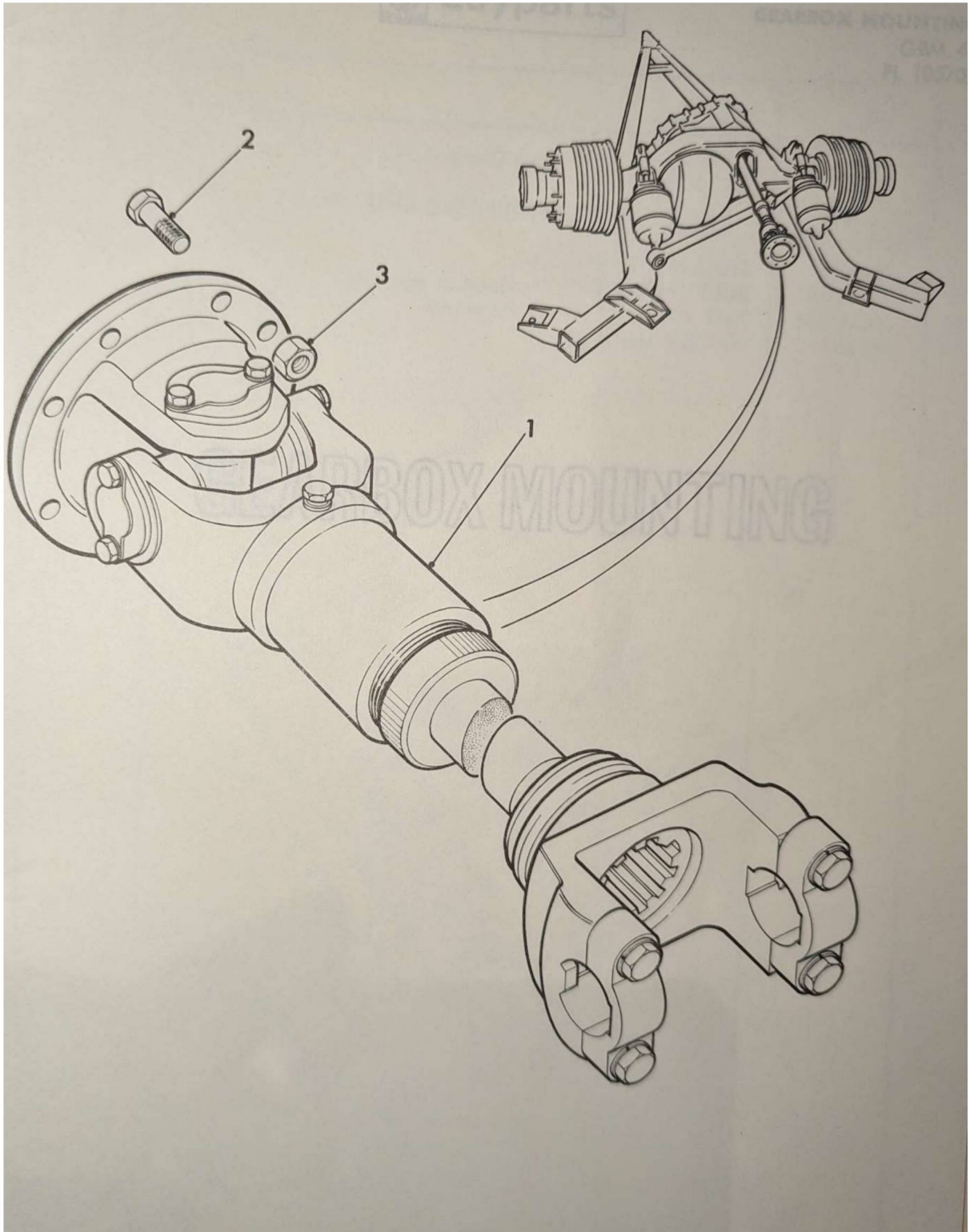
PS.721
PL 105842



| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|--|----------------------|
| | | Sub Group C.4 PROPELLER SHAFT UNIT PS.721 | |
| 1 | 10903784 | SHAFT and trunnion assembly | 1 |
| 2 | 551493 | BOLT 3/8" UNF | 8 |
| 3 | 541186 | NUT 3/8" UNF | 8 |

C4.2

TP/0173*





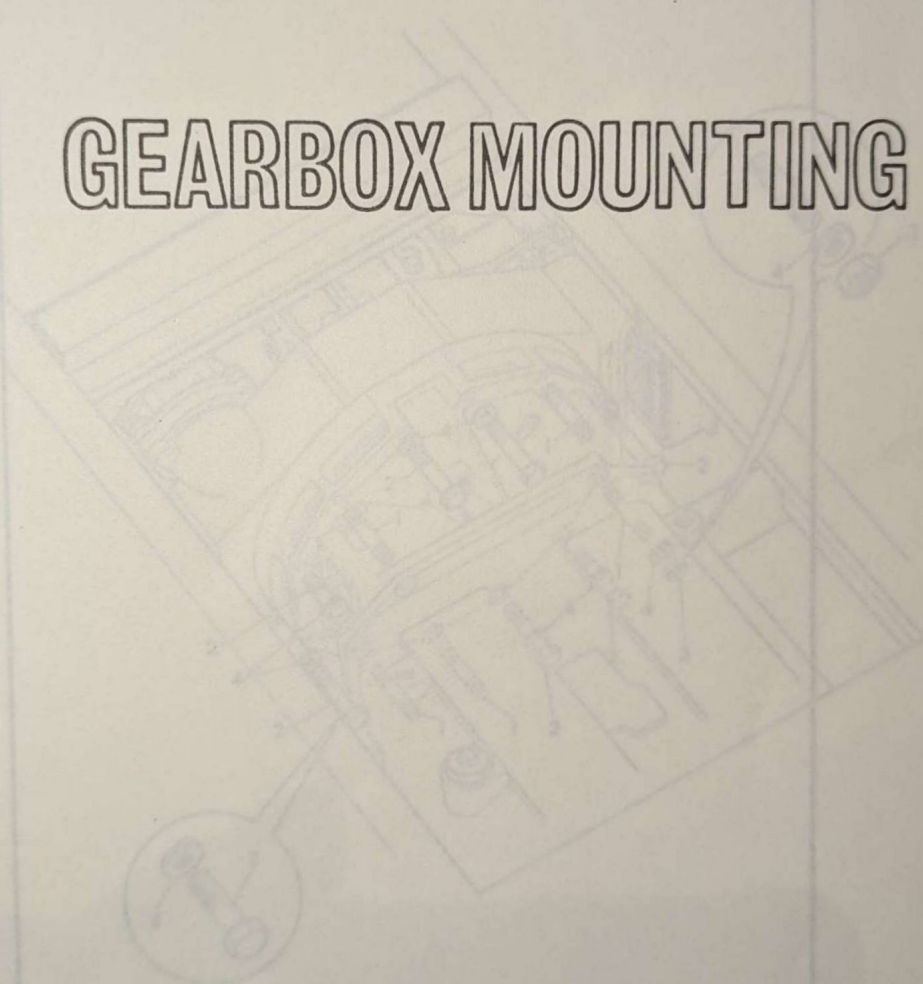
Leyparts

GEARBOX MOUNTING

GBM.45
PL 105702

| Quantity per unit | Description | Part | |
|-------------------|------------------------------|----------|---|
| | Sub Group C.11 | | |
| | GEARBOX MOUNTING UNIT GBM.45 | | |
| 2 | STUD M12 x 100 | TE112201 | 1 |
| 7 | BOLT M12 x 100 | BH112201 | 2 |
| 3 | NUT M12 | PH112041 | 3 |
| 12 | WASHER spring | BO1286 | 4 |
| | } Gearbox mounting | | |
| | } fastenings | | |

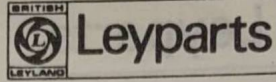
GEARBOX MOUNTING



TP/1172

C11.1

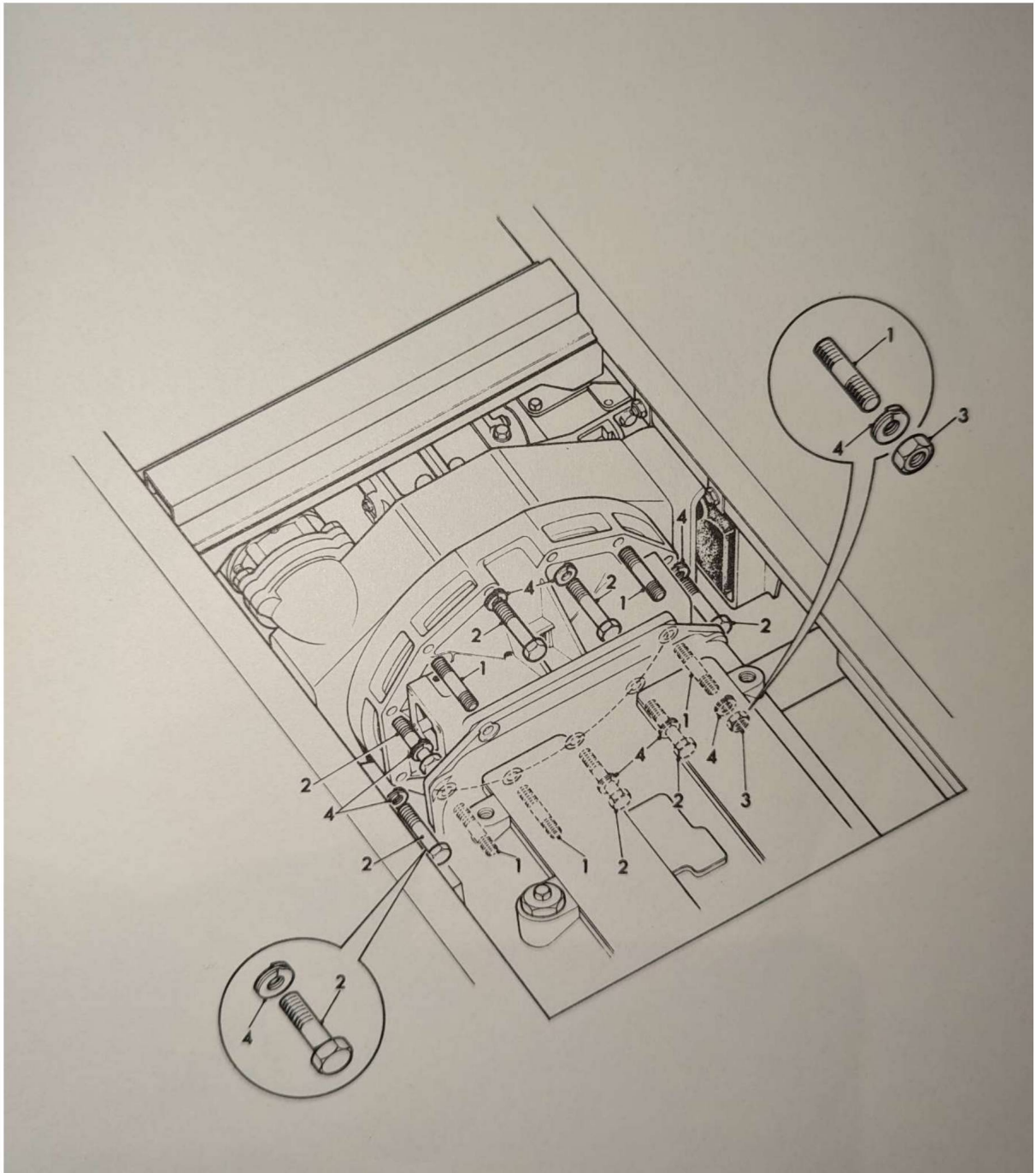
GBM.45
PL 105702



| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|-----------------------------------|----------------------|
| | | Sub Group C.11 | |
| | | GEARBOX MOUNTING UNIT GBM.45 | |
| 1 | TE112201 | STUD M12 x 100) | 5 |
| 2 | BH112201 | BOLT M12 x 100) Gearbox mounting | 7 |
| 3 | NH112041 | NUT M12) fastenings | 5 |
| 4 | 801686 | WASHER spring) | 12 |

C11.2

TP/1172*



| Part | Description | Quantity per unit |
|----------|---|-------------------|
| | Sub Group D.1 | 1 |
| | REAR AXLE UNIT BA.1448 1449 1450 | |
| 10901426 | AXLE rear assembly BA.1448 Ratio 4.30 : 1 | 1 |
| 10902959 | AXLE rear assembly BA.1449 Ratio 4.93 : 1 | 1 |
| 10901427 | AXLE rear assembly BA.1450 Ratio 5.68 : 1 | 1 |
| 10903750 | CASING rear axle assembly | 1 |
| 10901323 | KEY brake carrier to axle casing | 2 |
| 10903400 | CARRIER brake right hand sub assembly | 1 |
| X83840 | BUSH | 2 |
| 10903401 | CARRIER sub assembly | 1 |
| X83840 | BUSH | 2 |
| 10903785 | HEAD driving assembly 4.30 : 1 | 1 |
| 10903786 | HEAD driving assembly 4.93 : 1 | 1 |
| 10903787 | HEAD driving assembly 5.68 : 1 | 1 |
| 10903744 | CARRIER differential sub assembly | 1 |
| 10901170 | DOWEL | 4 |
| 10901123 | BOLT | 4 |
| 282048 | TRUNNION differential sub assembly | 1 |
| 282447 | BUSH | 1 |
| 282355 | WASHER thrust sub assembly | 4 |
| 10901084 | CAGE differential | 1 Supplied only |
| 10901101 | CAGE differential flanged | 1 In pairs |
| 543486 | WHEEL differential bevel | 2 |
| 543489 | PINION bevel | 2 |
| 10901089 | GEAR spiral bevel pinion | 1 pair |
| 10901046 | | |
| 81116131 | BOLT 16 mm 65 mm) Spiral bevel gear to | 12 |
| 0992426 | NUT) differential cages | 12 |
| 282078 | WASHER thrust for bevel pinion | 2 |
| 10901071 | BOLT 12 mm 40 mm) For differential cages | 12 |
| 81116132 | WASHER 12 mm) | 12 |

REAR AXLE

Genuine
LEYLAND
Spares

REAR AXLE
BA.1448 1449 1450
PL 106007

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------|---|-------------------|
| | | Sub Group D.1 | |
| | | REAR AXLE UNIT BA.1448 1449 1450 | |
| 10901426 | | AXLE rear assembly BA.1448 Ratio 4.30 : 1 | 1 |
| 10902969 | | AXLE rear assembly BA.1449 Ratio 4.93 : 1 | 1 |
| 10901427 | | AXLE rear assembly BA.1450 Ratio 5.68 : 1 | 1 |
| 10903750 | | CASING rear axle assembly | 1 |
| 10901323 | | KEY brake carrier to axle casing | 2 |
| 10903400 | | CARRIER brake right hand sub assembly | 1 |
| X83840 | | BUSH | 2 |
| 10903401 | | CARRIER brake left hand sub assembly | 1 |
| X83840 | | BUSH | 2 |
| 10903785 | | HEAD driving assembly 4.30 : 1 | 1 |
| 10903786 | | HEAD driving assembly 4.93 : 1 | 1 |
| 10903787 | | HEAD driving assembly 5.68 : 1 | 1 |
| 10903744 | | CARRIER differential sub assembly | 1 |
| 10901170 | | DOWEL | 4 |
| 10901135 | | BOLT | 4 |
| 232048 | | TRUNNION differential sub assembly | 1 |
| 232447 | | BUSH | 1 |
| 282355 | | WASHER thrust sub assembly | 4 |
| 10901084 | | CAGE differential) Supplied only | 1 |
| 10901101 | | CAGE differential flanged) in pairs | 1 |
| 563468 | | WHEEL differential bevel | 2 |
| 596149 | | PINION bevel | 4 |
| 10901039/ | | | |
| 10901040 | | GEAR spiral bevel pinion | 1 pair |
| BH116131 | | BOLT 16 mm 65 mm) Spiral bevel gear to | 12 |
| 10803456 | | NUT) differential cages | 12 |
| 232669 | | WASHER thrust for bevel pinion | 2 |
| 10901171 | | BOLT 12 mm 40 mm) For differential cages | 12 |
| 801663 | | WASHER 12 mm) | 12 |

BA.1448 1449 1450
PL 106007

Genuine
LEYLAND
Spares

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-------------|--|----------------------------------|
| | 10901092 | BEARING left and right hand differential | 2 |
| | 10901089 | NUT differential adjusting | 2 |
| | 10901134 | PLATE locking | 2 |
| | 10901282 | SETSCREW 8 mm x 16 mm | 4 |
| | 10901087/1 | SPACER | } For pinion bearings } as reqd. |
| | 10901087/2 | SPACER | |
| | 10901087/3 | SPACER | |
| | 10901087/4 | SPACER | |
| | 10901088/1 | SPACER | |
| | 10901088/2 | SPACER | |
| | 10901088/3 | SPACER | |
| | 10901088/4 | SPACER | |
| | 10901088/5 | SPACER | |
| | 10901088/6 | SPACER | |
| | 10901088/7 | SPACER | |
| | 10901069 | HOUSING pinion | 1 |
| | 10901096 | BEARING) For pinion | 1 |
| | 10901097 | BEARING) | 1 |
| | 11901107/2 | SHIM .002) Pinion housing to | as reqd. |
| | 11901107/5 | SHIM .005) | as reqd. |
| | 11901107/10 | SHIM .010) | as reqd. |
| | 10901173 | SETSCREW 12 mm x 30) Pinion housing to | 8 |
| | 801663 | WASHER 12 mm) differential carrier | 8 |
| | 10901035 | COVER front | 1 |
| | 10901091 | JOINT | 1 |
| | 10903421 | SHIELD oil | 1 |
| | 10901172 | DOWEL 10/8 mm | 2 |
| | 10902379 | HOUSING bearing for helical pinion | 1 |
| | 10902380 | COVER) Helicoil pinion | 1 |
| | 10902388 | JOINT) bearing housing | 1 |
| | TE110061 | STUD) Bearing housing | 10 |
| | NH110041 | NUT 10mm) and cover to | 10 |
| | 801662 | WASHER 10 mm) front cover | 10 |
| | 10901108/2 | SHIM .002") | as reqd. |
| | 10901108/5 | SHIM .005") Bearing housing | as reqd. |
| | 10901108/10 | SHIM .010") to front cover | as reqd. |
| | 10901108/20 | SHIM .020") | as reqd. |

Genuine
LEYLAND
Spares

REAR AXLE
BA.1448 1449 1450
PL 106007

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---------------------------------------|-------------------|
| | 10903865 | O-RING | 1 |
| | BH110171 | BOLT 10 mm) | 13 |
| | 801685 | WASHER spring) | 17 |
| | WA110061 | WASHER 3/8" plain) Front cover to | 4 |
| | BH110211 | BOLT 10 mm) differential carrier | 4 |
| | NH110041 | NUT 10 mm) | 4 |
| | 10901121 | SEAL oil) | 1 |
| | 10901093 | BEARING) Input helicoil pinion | 2 |
| | 10901131 | WASHER) | 1 |
| | 10901133 | NUT) For spiral bevel pinion | 1 |
| | K5736 | SPLIT PIN) | 1 |
| | 10903752 | JOINT) | 1 |
| | SH116351 | SETSCREW 16 mm x 35 mm) Driving head | 10 |
| | 801665 | WASHER) to axle casing | 14 |
| | BH116121 | BOLT) | 4 |
| | 10901061 | GEAR helical 53 teeth) BA.1448 | 1 |
| | 10902464 | PINION helical 38 teeth) | 1 |
| | 10902913 | GEAR helical 56 teeth) BA.1449 | 1 |
| | 10902914 | PINION helical 35 teeth) | 1 |
| | 10901063 | GEAR helical 59 teeth) BA.1450 | 1 |
| | 10902463 | PINION helical 32 teeth) | 1 |
| | 511650 | FLINGER mud | 1 |
| | 10902834 | YOKE end splined | 1 |
| | 10903414 | O-RING | 1 |
| | 10901120 | SPACER | 1 |
| | 10901133 | NUT) Input bevel pinion | 1 |
| | 10901131 | WASHER) to yoke end | 1 |
| | K5736 | SPLIT PIN) | 1 |
| | 289354 | PLUG taper 3/4" B.S.P. | 2 |
| | 10901281 | PLUG drain 3/4" B.S.P. | 1 |
| | A503BZ44 | PIPE breather assembly | 1 |
| | 1871Z51 | CONNECTOR screwed for breather | 1 |

BA.1448 1449 1450
PL 106007

Genuine
LEYLAND
Spares

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------|-------------------------------------|-------------------|
| | | HUB GROUP | |
| 231690 | | HUB rear | 2 |
| 184367 | | STUD special for axle shafts | 16 |
| 549425 | | RETAINER | 2 |
| 132177 | | BEARING for hub | 4 |
| 231783 | | SLEEVE between bearings | 2 |
| 232940/3 | | SHIM .003") | as reqd. |
| 232940/5 | | SHIM .005") | as reqd. |
| 232940/10 | | SHIM .010") Hub bearings | as reqd. |
| 232940/20 | | SHIM .020") | as reqd. |
| 232940/50 | | SHIM .050") | as reqd. |
| 554511 | | RING seal | 2 |
| 10901174 | | NUT axle tube | 2 |
| 79606 | | BOLT locking) | 2 |
| NC406041 | | NUT castle 3/8" B.S.F.) | 2 |
| X75920 | | WASHER 3/8") For axle tube nut | 2 |
| K5659 | | SPLIT PIN 1/16" x 5/8") | 2 |
| 10901052 | | SHAFT axle right hand | 1 |
| 10901053 | | SHAFT axle left hand | 1 |
| 231388 | | JOINT axle shaft | 2 |
| NH408041 | | NUT 1/2" B.S.F.) | 16 |
| 159486 | | LOCKWASHER) Axle shaft to hub | 16 |
| 554512 | | SEAL oil) Hub | 2 |
| 543499 | | SEAL oil) | 2 |
| 233023 | | PLUG 3/8" B.S.F.) | 2 |
| 100676 | | WASHER) For hub | 2 |
| 235603 | | NUT wheel right hand | 10 |
| 235604 | | NUT wheel left hand | 10 |
| 10901175 | | STUD wheel right hand thread | 10 |
| 10901176 | | STUD wheel left hand thread | 10 |
| 97411 | | PEG locking | 20 |
| 97406 | | LOCKNUT 7/8" B.S.F. | 20 |
| X84105 | | FLINGER oil | 2 |
| X83848 | | JOINT for flinger | 2 |
| BH404101 | | BOLT 1/4" B.S.F.) | 20 |
| X75947 | | WASHER 1/4" Kolok) For oil flinger | 20 |

Genuine
LEYLAND
Spares

REAR AXLE
BA.1448 1449 1450
PL 106007

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------|--|-------------------|
| | | BRAKE GROUP | |
| 10901538 | | CYLINDER spring brake type 30 | 2 |
| 10901188 | | SLACK ADJUSTER | 2 |
| 544998 | | GAITER | 2 |
| 97710 | | CLIP hose jubilee | 4 |
| 292624 | | JAW END | 2 |
| 10901257 | | SLEEVE | 2 |
| 513407 | | PIN | 2 |
| ND606041 | | NUT 3/8" UNF slotted) Jaw end to | 2 |
| X75920 | | WASHER 3/8") slack adjuster | 2 |
| K5661 | | SPLIT PIN 1/16") | 2 |
| 10901339 | | BRACKET anchor for slack adjuster | 2 |
| 10901341 | | BOLT special) Anchor bracket to | 2 |
| 801662 | | WASHER 10 mm) slack adjuster | 2 |
| NT110041 | | NUT thin) | 2 |
| BH108131 | | BOLT) Bracket to brake | 2 |
| WA108051 | | WASHER 5/16" plain) carrier to camshaft | 2 |
| 10803452 | | NUT Cleveloc) housing | 2 |
| 10901177 | | CAMSHAFT brake right hand assembly | 1 |
| 507149 | | PLATE side inner right hand | 1 |
| 507148 | | PLATE side outer | 1 |
| 513866 | | BOLT 1/4" UNF countersunk head | 2 |
| NT604041 | | LOCKNUT 1/4" UNF | 2 |
| 10901178 | | CAMSHAFT brake left hand assembly | 1 |
| 507150 | | PLATE side inner left hand | 1 |
| 507148 | | PLATE side outer left hand | 1 |
| 513866 | | BOLT 1/4" UNF countersunk head | 2 |
| NT604041 | | LOCKNUT 1/4" UNF | 2 |
| 864190 | | SHOE brake upper sub assembly | 2 |
| 593460 | | SHOE brake sub assembly | 2 |
| 562749 | | PLATE wearing | 2 |
| 591304 | | RIVET for wearing plate | 4 |
| 864200 | | LINER | 2 |
| 593317 | | RIVET liner | 34 |
| 864191 | | SHOE brake lower sub assembly | 2 |
| 593460 | | SHOE brake rear | 2 |
| 562749 | | PLATE wearing | 2 |

BA.1448 1449 1450
PL 106007

Genuine
LEYLAND
Spares

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---|-------------------|
| | 591304 | RIVET wearing plate | 4 |
| | 864201 | LINER | 2 |
| | 593317 | RIVET liner | 34 |
| | 10902963 | COVER dust sub assembly right hand top | 1 |
| | 10902961 | COVER dust sub assembly right hand bottom | 1 |
| | 10902967 | COVER dust top left hand sub assembly | 1 |
| | 10902965 | COVER dust bottom left hand sub assembly | 1 |
| | 10905250 | PLUG for dust cover | 2 |
| | X83842 | PIN fulcrum brake shoes | 4 |
| | X83843 | PLATE retaining | 4 |
| | NL408041 | NUT 1/2" B.S.F. slotted) Fulcrum pins | 4 |
| | X75922 | WASHER 1/2" | 4 |
| | 239792 | SETSCREW 5/16" B.S.F.) For locking | 4 |
| | X75948 | WASHER 5/16" Kolok) fulcrum pin | 4 |
| | 231714 | WASHER retaining | 2 |
| | 544162 | SEAL oil | 4 |
| | X83828 | BEARING needle | 4 |
| | 511653 | WASHER retaining | 2 |
| | 292565 | CIRCLIP locating | 2 |
| | 292534 | WASHER locking | 2 |
| | 292563 | WASHER felt | 2 |
| | 513358 | NUT special 5/8" UNF | 2 |
| | 292564 | WASHER felt | 2 |
| | K5684 | SPLIT PIN 1/8" | 2 |
| | 507139 | DRUM brake rear | 2 |
| | 233388 | SETSCREW 1/2" B.S.F.) Brake drum | 16 |
| | X75908 | WASHER 1/2" Shakeproof) to hub | 16 |
| | 507151 | SPRING pull off brake shoes | 2 |
| | 507152 | PILLAR for pull off spring | 4 |
| | NL606041 | NUT 3/8" UNF slotted) | 4 |
| | X75920 | WASHER 3/8") For spring pillar | 4 |
| | K5661 | SPLIT PIN 1/16") | 4 |
| | 62590 | GREASER) | 2 |
| | 205159 | WASHER) For brake carrier | 2 |
| | 556638 | VALVE relief assembly) | 2 |
| | SH108141 | SETSCREW 8 mm) Dust cover to | 14 |
| | 801661 | WASHER) brake carrier | 14 |



Leyparts

REAR WHEEL
RW.225/109/63/1
PL 105698

| Quantity per unit | Description | Part | Illustration |
|-------------------|---------------------------------|----------|--------------|
| | Sub Group D.2 | | |
| | REAR WHEEL UNIT RW.225/109/63/1 | | |
| 1 | WHEEL sub assembly | 10901433 | |
| 1 | WHEEL R.225 x 22.5 | 10901430 | |
| 1 | TYRE 10.9 x 22.5 | 10901404 | |

REAR WHEELS

RW.225/109/63/1
PL 105698



Leyparts

| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|---------------------------------|----------------------|
| | | Sub Group D.2 | |
| | | REAR WHEEL UNIT RW.225/109/63/1 | |
| | 10901453 | WHEEL sub assembly | 4 |
| | 10884190 | WHEEL 8.25 x 22.5 | 4 |
| | 10901404 | TYRE 10.9 x 22.5 | 4 |

D2.2

TP/0173*



Leyparts

RS.334

REAR SPRING

RS.334

PL 105700

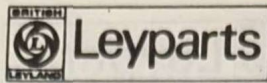
| Quantity per unit | Description | Part | Ref. |
|-------------------|-------------------------|----------|------|
| | Sub Group D.3 | | |
| | REAR SPRING UNIT RS.334 | | |
| | SPRING - complete | 10903780 | 1 |
| | PLATE top assembly | 10904481 | 2 |
| | BELLOWS | 10904484 | 3 |
| | PEDestal assembly | 10904482 | 4 |
| | NUT | 10904484 | 5 |
| | NUT | 10904482 | 6 |
| | PLATE spreader | 10904481 | 7 |

REAR SPRING

TP/1172

D31

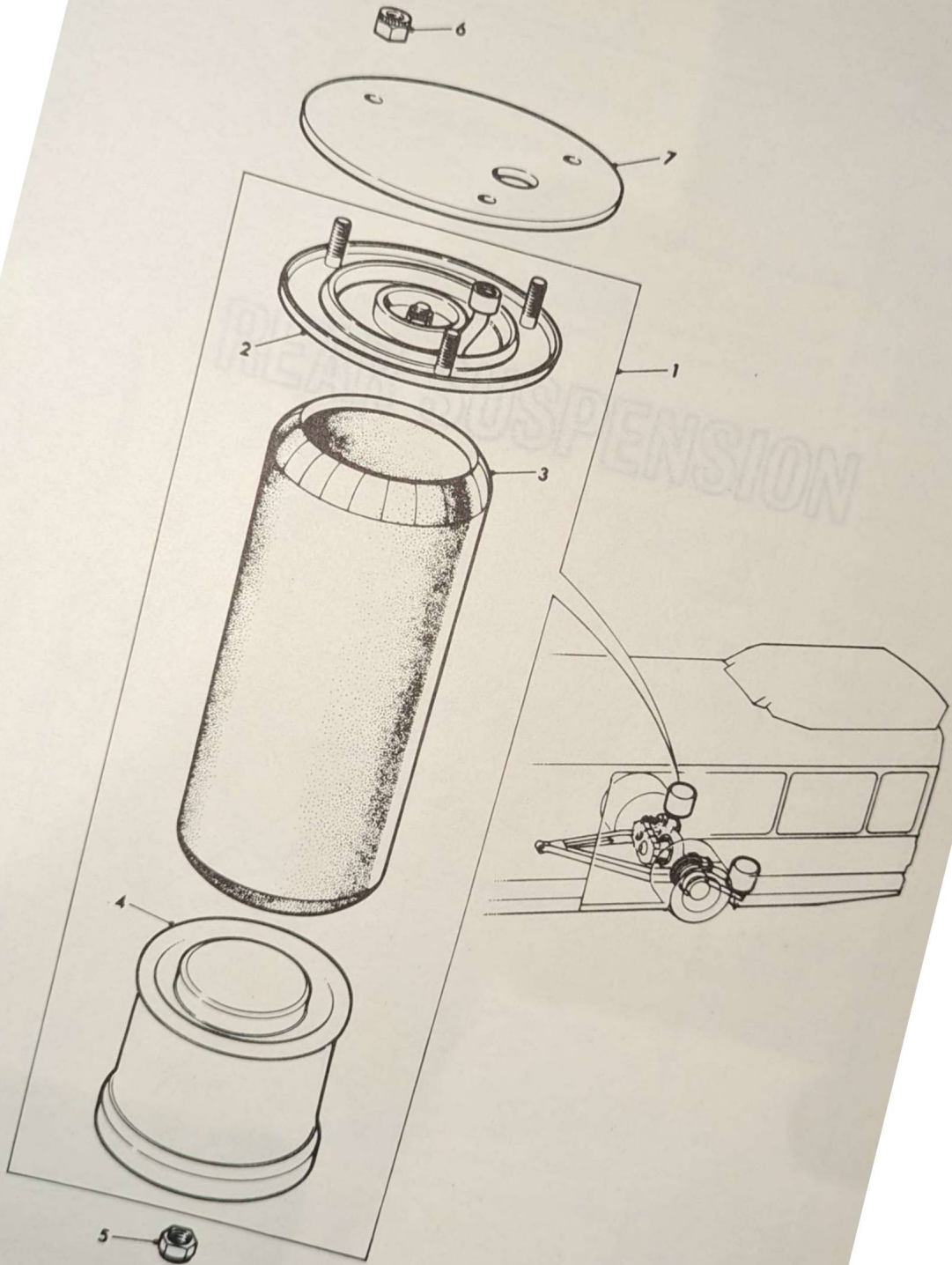
RS.334
PL 105700

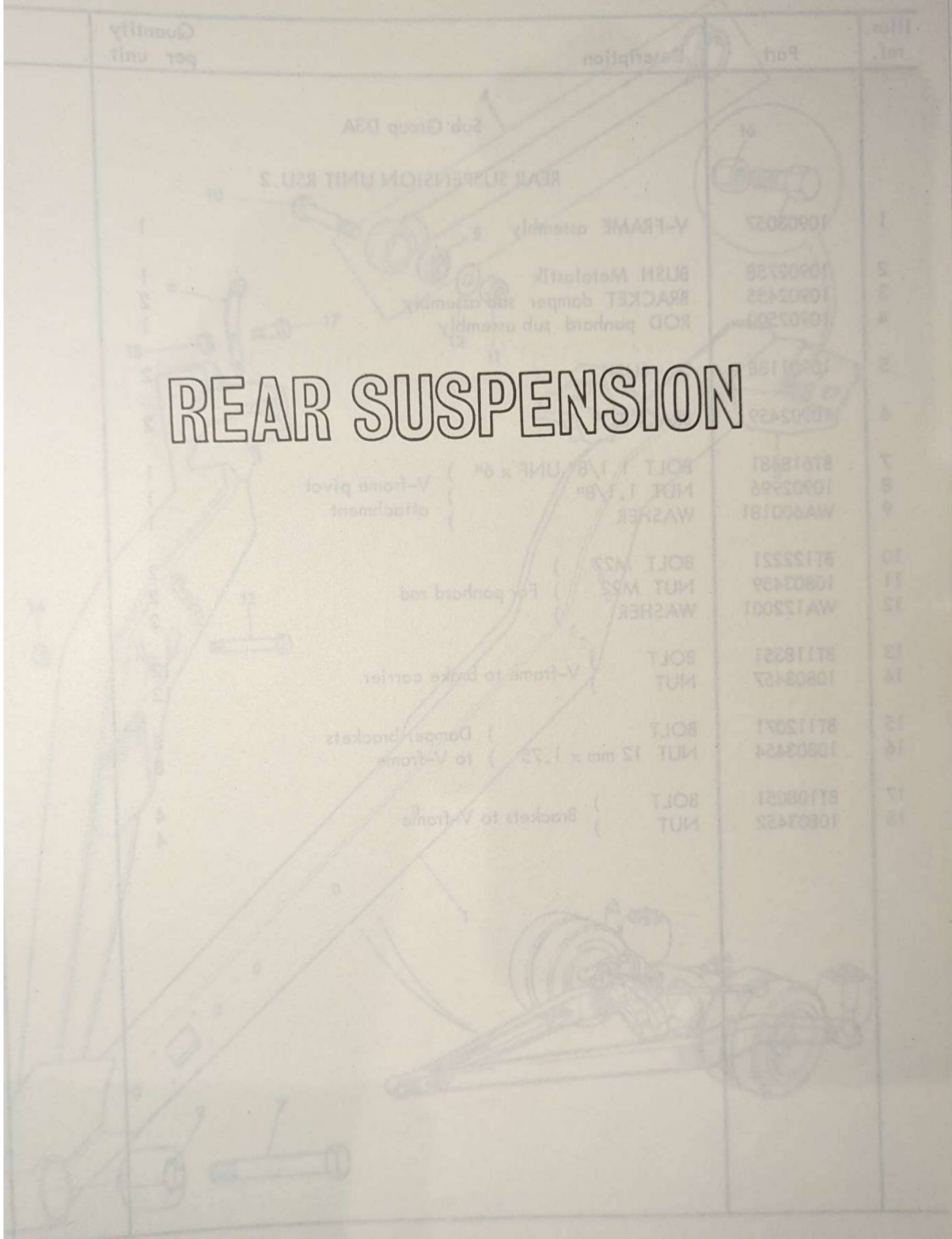


| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|-------------------------|----------------------|
| | | Sub Group D.3 | |
| | | REAR SPRING UNIT RS.334 | |
| 1 | 10902760 | SPRING air complete | 2 |
| 2 | 10904461 | PLATE top assembly | 2 |
| 3 | 10904404 | BELLOWS | 2 |
| 4 | 10904462 | PEDESTAL assembly | 2 |
| 5 | 10803454 | NUT | 2 |
| 6 | 10803452 | NUT | 6 |
| 7 | 10874951 | PLATE spreader | 2 |

D3.2

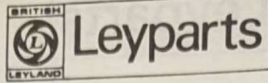
TP/1172*





REAR SUSPENSION

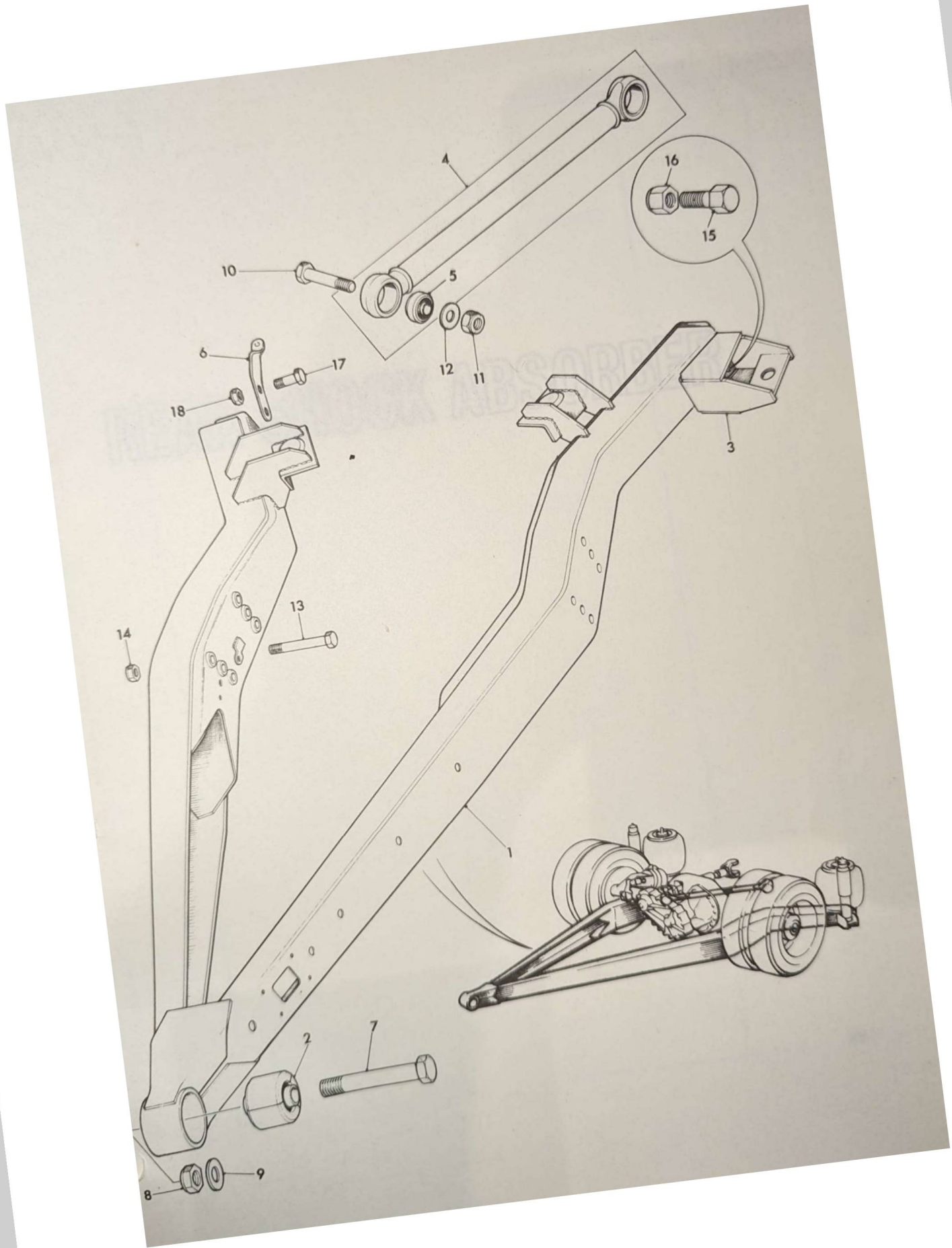
RSU.2
PL 105826



| Illus. ref. | Part | Description | Quantity per unit |
|------------------------------|----------|-----------------------------|-------------------|
| Sub Group D3A | | | |
| REAR SUSPENSION UNIT RSU.2 | | | |
| 1 | 10903057 | V-FRAME assembly | 1 |
| 2 | 10902758 | BUSH Metalastik | 1 |
| 3 | 10902455 | BRACKET damper sub assembly | 2 |
| 4 | 10902500 | ROD panhard sub assembly | 1 |
| 5 | 10901138 | BUSH | 2 |
| 6 | 10902459 | BRACKET | 2 |
| 7 | BT618481 | BOLT 1.1/8" UNF x 6") | 1 |
| 8 | 10902996 | NUT 1.1/8") | 1 |
| 9 | WA600181 | WASHER) | 1 |
|) V-frame pivot attachment | | | |
| 10 | BT122221 | BOLT M22) | 2 |
| 11 | 10803459 | NUT M22) | 2 |
| 12 | WA122001 | WASHER) | 2 |
|) For panhard rod | | | |
| 13 | BT118351 | BOLT) | 12 |
| 14 | 10803457 | NUT) | 12 |
|) V-frame to brake carrier | | | |
| 15 | BT112071 | BOLT) | 8 |
| 16 | 10803454 | NUT 12 mm x 1.75) | 8 |
|) Damper brackets to V-frame | | | |
| 17 | BT108051 | BOLT) | 4 |
| 18 | 10803452 | NUT) | 4 |
|) Brackets to V-frame | | | |

D3A.2

TP/1172*





Leyparts

REAR SHOCK ABSORBER

RSA.34

PL 105693

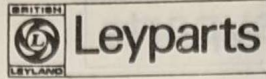
| Quantity per unit | Description | Part | Illustration ref. |
|-------------------|---|---------|-------------------|
| 2 | REAR SHOCK ABSORBER UNIT RSA.34 Sub Group D.5 DAMPER assembly | 1001022 | |

REAR SHOCK ABSORBER

TP/1172

D6.1

RSA.34
PL 105693



| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|--|----------------------|
| | | Sub Group D.6 REAR SHOCK ABSORBER UNIT RSA.34 | |
| | 10901032 | DAMPER assembly | 2 |

D6.2

TP/1172*



Leyparts

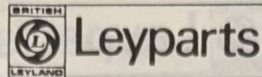
FRONT AXLE
FA.314
PL 105840

| QTY | DESCRIPTION | QTY | DESCRIPTION |
|-----|-----------------------------|-----|-----------------------------|
| 2 | FRONT AXLE UNIT FA.314 | 2 | FRONT AXLE UNIT FA.314 |
| 1 | BEAM | 1 | BEAM |
| 2 | KING PIN | 2 | KING PIN |
| 2 | WASHER 3/8" dia | 2 | WASHER 3/8" dia |
| 2 | NUT 3/8" dia | 2 | NUT 3/8" dia |
| 2 | WASHER 3/8" dia | 2 | WASHER 3/8" dia |
| 1 | AXLE front assembly FA.314 | 1 | AXLE front assembly FA.314 |
| 1 | AXLE stub bushed right hand | 1 | AXLE stub bushed right hand |
| 1 | BUSH top | 1 | BUSH top |
| 1 | BUSH bottom | 1 | BUSH bottom |
| 1 | SEAL oil | 1 | SEAL oil |
| 1 | WASHER 1/2" dia | 1 | WASHER 1/2" dia |
| 1 | SEAL oil | 1 | SEAL oil |
| 1 | BUSH bottom | 1 | BUSH bottom |
| 1 | WASHER 1/2" dia | 1 | WASHER 1/2" dia |
| 1 | SEAL oil | 1 | SEAL oil |
| 1 | LEVER track rod left hand | 1 | LEVER track rod left hand |
| 1 | LEVER track rod right hand | 1 | LEVER track rod right hand |
| 1 | GASKET | 1 | GASKET |
| 1 | SCREW 1/2" dia | 1 | SCREW 1/2" dia |
| 1 | WASHER 1/2" dia | 1 | WASHER 1/2" dia |
| 1 | VALVE | 1 | VALVE |
| 1 | BRAKE spring complete | 1 | BRAKE spring complete |
| 1 | ADJUSTER lock right hand | 1 | ADJUSTER lock right hand |
| 1 | ADJUSTER lock left hand | 1 | ADJUSTER lock left hand |
| 1 | GAITER | 1 | GAITER |
| 1 | CLIP hose jubilee size 1 | 1 | CLIP hose jubilee size 1 |
| 1 | PIN 1/2" dia | 1 | PIN 1/2" dia |
| 1 | WASHER 3/4" x 5/8" dia | 1 | WASHER 3/4" x 5/8" dia |
| 1 | NUT 1/2" dia | 1 | NUT 1/2" dia |
| 1 | NUT 3/8" dia | 1 | NUT 3/8" dia |
| 1 | WASHER 3/8" dia | 1 | WASHER 3/8" dia |
| 1 | CARRIER | 1 | CARRIER |
| 1 | SPLIT PIN 1/16" | 1 | SPLIT PIN 1/16" |
| 1 | BRACKET | 1 | BRACKET |
| 1 | ELBOW for brake chamber | 1 | ELBOW for brake chamber |
| 1 | GUARD | 1 | GUARD |
| 1 | BOLT special | 1 | BOLT special |
| 1 | WASHER 10 mm | 1 | WASHER 10 mm |
| 1 | NUT 10 mm | 1 | NUT 10 mm |
| 1 | BOLT special | 1 | BOLT special |
| 1 | NUT 10 mm | 1 | NUT 10 mm |
| 1 | WASHER 3/8" dia | 1 | WASHER 3/8" dia |

FRONT AXLE

TP/1172

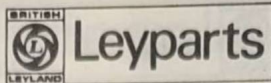
E1.1



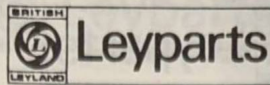
| Illus. ref. | Part | Description | Quantity per unit |
|--|------|---|-------------------|
| Sub Group E.1 | | | |
| FRONT AXLE UNIT FA.314 | | | |
| ▶ Note: See end of section for latest Suffix, parts affected are marked thus ▶ (All previous changes are incorporated) | | | |
| 10901190 | | AXLE front assembly FA.314 | 1 |
| 10901444 | | AXLE stub bushed right hand sub assembly | 1 |
| 10901389 | | BUSH top | 1 |
| 10901390 | | BUSH bottom | 1 |
| 10901146 | | SEAL oil | 1 |
| 10901445 | | AXLE stub bushed left hand sub assembly | 1 |
| 10901389 | | BUSH top | 1 |
| 10901390 | | BUSH bottom | 1 |
| 10901146 | | SEAL oil | 1 |
| 10901036 | | LEVER track rod left hand | 1 |
| 10901037 | | LEVER track rod right hand | 1 |
| 10901539 | | BOLT M20) Track rod lever | 2 |
| 10901540 | | BOLT M20) to stub axle | 2 |
| 10902187 | | BRAKE spring complete | 2 |
| 10901199 | | ADJUSTER slack right hand | 1 |
| 10901200 | | ADJUSTER slack left hand | 1 |
| 10901130 | | GAITER | 2 |
| 97710 | | CLIP hose jubilee size 1 | 2 |
| 292624 | | END jaw | 2 |
| 513407 | | PIN | 2 |
| ND606041 | | NUT 3/8" UNF slotted | 2 |
| X75920 | | WASHER 3/8") Jaw end to slack adjuster | 2 |
| 10K5661 | | SPLIT PIN 1/16" | 2 |
| 10901515 | | BRACKET clamp | 2 |
| 5066/122 | | ELBOW for brake chamber | 2 |
| 10901341 | | BOLT special) Clamp bracket slack | 2 |
| 801662 | | WASHER 10 mm) adjuster anchor | 2 |
| NT110041 | | NUT thin) | 2 |
| BH108131 | | BOLT | 2 |
| 10803452 | | NUT | 2 |
| WA108051 | | WASHER 5/16" plain) Bracket brake carrier crankshaft | 2 |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-------------|--|-------------------|
| | 10901124 | BRACKET brake chamber sub assembly | 2 |
| | 10902366 | COVER top sub assembly | 2 |
| | ▶ 10901058 | BEAM axle | 1 |
| | 10901141 | KING PIN | 2 |
| | 10901149 | PIN cotter | 2 |
| | 10803454 | NUT 12 mm x 1.75 | 2 |
| | X20441 | WASHER plain | 2 |
| | 10901391 | WASHER thrust | 2 |
| | 10901147 | O-RING | 2 |
| | 10901204/05 | SHIM 0.05 | as reqd. |
| | 10901204/25 | SHIM 0.25 | as reqd. |
| | 10901204/50 | SHIM 0.50 | as reqd. |
| | 10901388 | COVER bottom | 2 |
| | 62590 | GREASER Tecalemit 3/8" B.S.F.) | 2 |
| | 145565 | WASHER) Bottom cover | 2 |
| | SH112351 | SETSCREW) stub axle | 8 |
| | 801663 | WASHER 12 mm 1 coil spring) | 8 |
| | 10901150 | GASKET) | 2 |
| | SS106121 | SCREW cap type) Top cover | 6 |
| | 801659 | WASHER spring) stub axle | 6 |
| | 556638 | VALVE relief assembly) | 2 |
| | 10901217 | BOLT brake chamber bracket stub axle | 4 |
| | 10902014 | SCREW lock stop | 2 |
| | NT116041 | NUT thin for lock stop screw | 2 |
| | 513355 | PIN fulcrum) | 2 |
| | X75925 | WASHER 3/4" B.S.F.) Sub assembly | 2 |
| | NL612041 | NUT slotted) brake shoes to | 2 |
| | 10K5699 | SPLIT PIN 5/32" fulcrum) carrier right hand | 2 |
| | 10901114 | CARRIER brake right hand | 1 |
| | X84074 | BEARING needle) For camshaft | 2 |
| | 245305 | SEAL) | 2 |
| | 10901208 | GUARD flinger | 1 |
| | 62590 | GREASER Tecalemit 3/8" B.S.F.) For camshaft | 1 |
| | 556638 | VALVE relief assembly) lubrication | 1 |
| | 513808 | CAMSHAFT right hand sub assembly | 1 |
| | 513352 | PLATE side inner right hand | 1 |
| | 514879 | PLATE side outer right hand | 1 |

FA.314
PL 105840



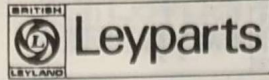
| Illus. ref. | Part | Description | Quantity per unit |
|-------------|-----------|--|-------------------|
| | 513599 | BOLT countersunk head 1/4" UNF | 2 |
| | NT604041 | LOCKNUT 1/4" UNF | 2 |
| | 514818 | PEG fouling | 1 |
| | 863710 | SHOE BRAKE assembly right hand | 2 |
| | 863713 | SHOE BRAKE | 2 |
| | 567939 | PLATE wearing | 2 |
| | 591304 | RIVET for wearing plate length as required | 4 |
| | 593317/10 | RIVET for brake linings length as required | 24 |
| | 513356 | BUSH brake shoe | 2 |
| | 863714 | LINING brake | 2 |
| | 863715 | LINING brake | 2 |
| | 513359 | WASHER retaining) | 2 |
| | 292565 | CIRCLIP locating) | 1 |
| | 292534 | WASHER locking) | 1 |
| | 292563 | WASHER felt) Camshaft to carrier | 1 |
| | 292564 | WASHER felt) | 1 |
| | 513358 | NUT special 5/8" UNF) | 1 |
| | 10K5684 | SPLIT PIN 1/8") | 1 |
| | 1158Z10 | SPRING return brake shoe | 1 |
| | 10893151 | PIN spring | 2 |
| | 185200 | WASHER) Brake shoe | 2 |
| | 513631 | SETSCREW 3/8" UNF) fulcrum pin | 2 |
| | 513355 | PIN fulcrum) | 2 |
| | X75925 | WASHER 3/4" B.S.F.) Sub assembly brake | 2 |
| | NL612041 | NUT slotted) shoe to carrier | 2 |
| | 10K5699 | SPLIT PIN 5/32 fulcrum) left hand | 2 |
| | 10901115 | CARRIER brake left hand | 1 |
| | X84074 | BEARING needle) | 2 |
| | 245305 | SEAL) For camshaft | 2 |
| | 10901208 | GUARD flinger | 1 |
| | 62590 | GREASER Tecalemit 3/8" B.S.F.) | 1 |
| | 556638 | VALVE relief assembly) For camshaft lubrication | 1 |
| | 513809 | CAMSHAFT left hand sub assembly | 1 |
| | 513351 | PLATE side inner left hand | 1 |
| | 514878 | PLATE side outer left hand | 1 |



FRONT AXLE
FA.314
PL 105840

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------|--|-------------------|
| 513599 | | BOLT 1/4" UNF countersunk head | 2 |
| NT604041 | | LOCKNUT 1/4" UNF | 2 |
| 514818 | | PEG fouling | 1 |
| 863710 | | SHOE brake assembly left hand | 2 |
| 863713 | | SHOE brake | 2 |
| 567939 | | PLATE wearing | 2 |
| 591304 | | RIVET for wearing plate length as required | 4 |
| 593317/10 | | RIVET for brake linings length as required | 24 |
| 513356 | | BUSH brake shoe | 2 |
| 863714 | | LINING brake | 2 |
| 863715 | | LINING brake | 2 |
| 513359 | | WASHER retaining) | 2 |
| 292565 | | CIRCLIP locating) | 1 |
| 292534 | | WASHER locking) | 1 |
| 292563 | | WASHER felt) Camshaft to carrier | 1 |
| 292564 | | WASHER) | 1 |
| 513358 | | NUT special 5/8" UNF) | 1 |
| 10K5684 | | SPLIT PIN 1/8") | 1 |
| 1158Z10 | | SPRING return brake shoe | 1 |
| 10893151 | | PIN spring | 2 |
| 185200 | | WASHER) Brake shoe to | 2 |
| 513631 | | SETSCREW 3/8" UNF) fulcrum pin | 2 |
| 10901112 | | COVER dust right hand | 1 |
| 10901113 | | COVER dust left hand | 1 |
| 10905250 | | PLUG for dust covers | 4 |
| 10901209 | | PLUG plastic | 4 |
| 10901218 | | SETSCREW) Carrier and dust | 16 |
| 10901207 | | DOWEL hollow) cover stub axle | 4 |
| 10902576 | | HUB | 2 |
| 10901362 | | STUD wheel right hand | 10 |
| 6463Z378 | | NUT wheel right hand | 10 |
| 10901363 | | STUD wheel left hand | 10 |
| 6463Z377 | | NUT wheel left hand | 10 |
| 10902606 | | MOTIF hub cap assembly | 2 |
| 10901094 | | HUB inner bearing sub assembly | 2 |
| 10901095 | | HUB outer bearing sub assembly | 2 |
| 10901212 | | SEAL oil for hub | 2 |

FA.314
PL 105840



| Illus. ref. | Part | Description | Quantity per unit |
|-------------------|----------|------------------------------|-------------------|
| | 10901213 | WASHER thrust) | 2 |
| | 10901214 | NUT right hand) Hub bearing | 1 |
| | 10901215 | NUT left hand) | 1 |
| | 10902775 | BOLT) | 2 |
| | ND110041 | NUT slotted) Hub nuts | 2 |
| | 10K5660 | SPLIT PIN) | 2 |
| | 848739 | DRUM brake | 2 |
| | SH110161 | SETSCREW for brake drums | 4 |
| UNIT SUFFIX 'A' | | | |
| REPLACEMENT PARTS | | | |
| | 10904299 | BEAM axle replaces 10901058 | 1 |



Leyparts

STEERING GEAR
SG.241 & N/SG.241
PL 106055

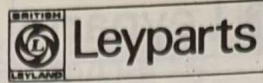
| Quantity | Description | Part No. | Unit |
|----------|--------------------------------------|----------|------|
| 1 | SPACER | 10901305 | |
| 1 | KEY | 10901306 | |
| 1 | Sub Group E.2 | 10901308 | |
| 1 | STEERING GEAR UNIT SG.241 & N/SG.241 | 10901309 | |
| 1 | SHIM | 10901310 | |
| 1 | SHIM | 10901311 | |
| 1 | COLUMN steering sub assembly | 10901312 | |
| 1 | HOUSING steering column | 10901313 | |
| 1 | BEARING ball | 10901314 | |
| 1 | BEARING needle | 10901315 | |
| 1 | CIRCLIP | 10901316 | |
| 1 | WASHER | 10901317 | |
| 1 | SHIM | 10901318 | |
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| 1 | SHIM | 10901500 | |

STEERING GEAR

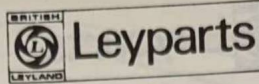
TP/0273

E2.1

SG.241 & N/SG.241
PL 106055



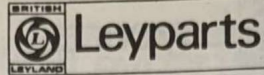
| Illus. ref. | Part | Description | Quantity per unit |
|--------------------------------------|---------------|---------------------------------|-------------------|
| Sub Group E.2 | | | |
| STEERING GEAR UNIT SG.241 & N/SG.241 | | | |
| 1 | 10901294 | COLUMN steering sub assembly | 1 |
| 2 | 10901534 | HOUSING steering column | 1 |
| 3 | 10901293 | BEARING ball | 1 |
| 4 | 10901605 | BEARING needle | 1 |
| 5 | 10901606 | CIRCLIP | 1 |
| 6 | 10901289 | SHAFT | 1 |
| 7 | 10901290 | JOINT steering | 1 |
| 8 | 10901337 | BOLT 10 mm) Steering joint | 2 |
| 9 | ND110041 | NUT slotted) to shaft | 2 |
| 10 | 10K5673 | SPLIT PIN 3/32") | 2 |
| 11 | 10901305 | DRIVE angle assembly | 1 |
| 12 | 10901306 | CASING angle drive sub assembly | 1 |
| 13 | 10901308 | STUD | 8 |
| 14 | 10901309 | SCREW M10 x 1.5 x 20 | 4 |
| 15 | 10901311/ | | |
| | 10901316 | GEAR bevel assembly | 1 |
| 16 | 10902153 | BEARING taper roller | 2 |
| 17 | 10901317 | HOUSING bearing | 1 |
| 18 | 10902829/1.30 | SHIM | as reqd. |
| 18 | 10902829/1.35 | SHIM | as reqd. |
| 18 | 10902829/1.45 | SHIM | as reqd. |
| 18 | 10902829/1.55 | SHIM | as reqd. |
| 18 | 10902829/1.60 | SHIM | as reqd. |
| 18 | 10902829/1.70 | SHIM | as reqd. |
| 18 | 10902829/1.80 | SHIM | as reqd. |
| 18 | 10902829/1.85 | SHIM | as reqd. |
| 19 | 10902154 | SEAL | as reqd. |
| 20 | 10901398 | KEY | 1 |
| 21 | 548336 | FLINGER mud | 1 |
| 22 | 10901320 | FLANGE | 1 |
| | | | 1 |
| 23 | NT120041 | NUT M20) Flange to bevel gear | 1 |
| 24 | 10904585 | WASHER tab) | 1 |
| 25 | 10902442 | SHAFT | 1 |
| 26 | 10901314 | HOUSING | 1 |
| 27 | 10902179 | BEARING ball | 1 |



STEERING GEAR
SG.241 & N/SG.241
PL 106055

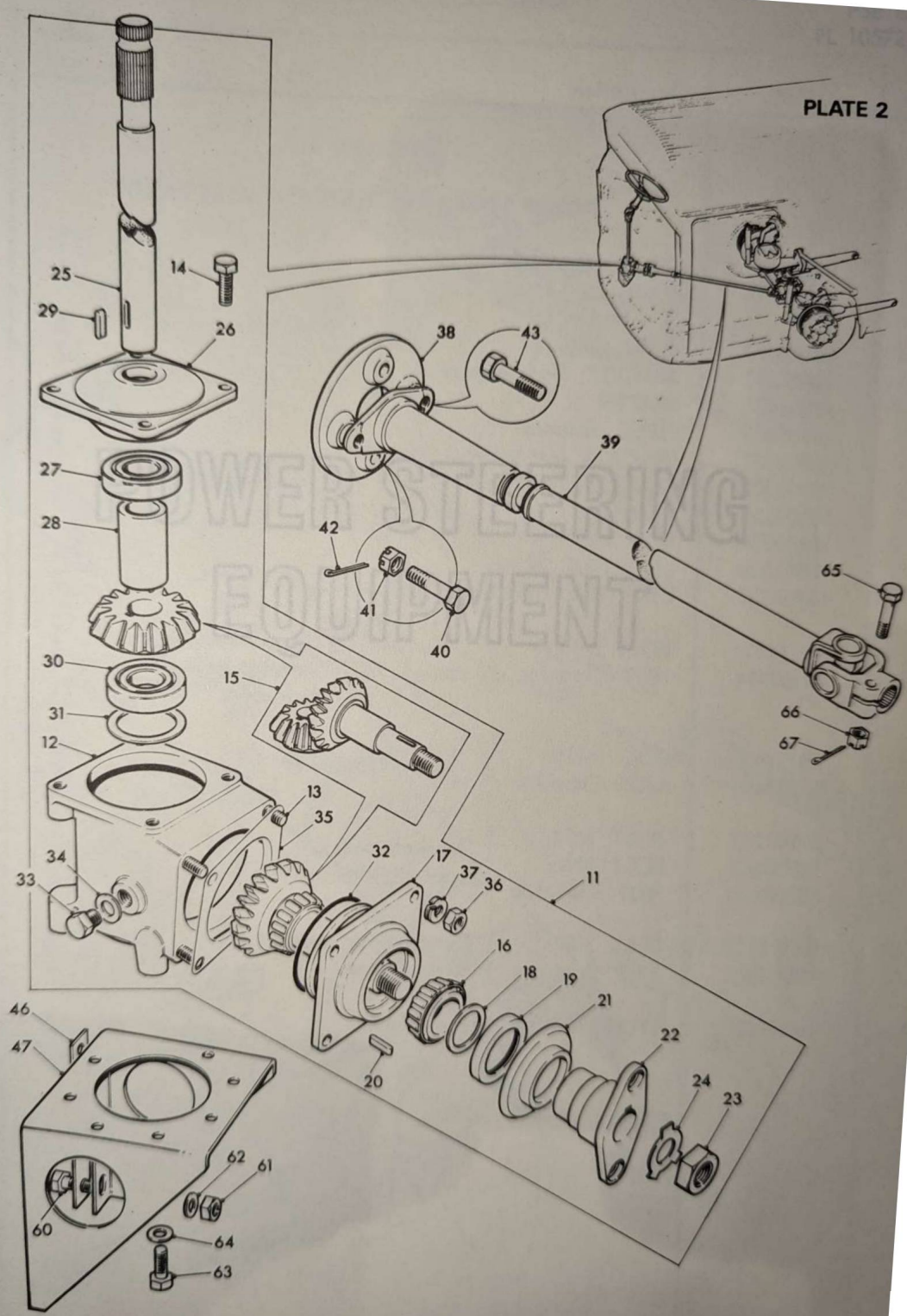
| Illus. ref. | Part | Description | Quantity per unit |
|--|-------------|---|-------------------|
| 28 | 10902182 | SPACER | 1 |
| 29 | 10901398 | KEY | 1 |
| 30 | 10901312 | BEARING ball | as reqd. |
| 31 | 10901321/05 | SHIM | as reqd. |
| 31 | 10901321/12 | SHIM | as reqd. |
| 31 | 10901321/25 | SHIM | as reqd. |
| 31 | 10901321/50 | SHIM | as reqd. |
| 32 | 10901322 | O-RING | 1 |
| 33 | 802046 | PLUG M12 | 1 |
| 34 | 542997 | WASHER | as reqd. |
| 35 | 10901313/05 | SHIM | as reqd. |
| 35 | 10901313/12 | SHIM | as reqd. |
| 35 | 10901313/25 | SHIM | as reqd. |
| 35 | 10901313/50 | SHIM | as reqd. |
| 36 | NH110041 | NUT 10 mm) Housing to sub assembly | 8 |
| 37 | WS110001 | WASHER spring) angle drive casing | 8 |
| 38 | 10901325 | COUPLING universal | 1 |
| 39 | 10902393 | SHAFT relay sub assembly | 1 |
| 40 | 557051 | BOLT 7/16" UNF) Output flange to | 2 |
| 41 | NL607041 | NUT slotted) unit coupling | 2 |
| 42 | 10K5673 | SPLIT PIN 3/32") | 2 |
| 43 | 570573 | BOLT universal coupling to sub assembly relay shaft | 2 |
| Leyland National Steering Gear Unit N/SG.241 | | | |
| 44 | 10903925 | WHEEL steering | 1 |
| 45 | 10903926 | TRIM spoke | 1 |
| 46 | 10902608 | SHIM | as reqd. |
| 47 | 10902443 | BRACKET | 1 |
| 48 | 10903260 | PLATE sub assembly | 1 |
| 49 | 131899 | SEAL felt | 1 |
| 50 | 10902267 | SLEEVE floor seal | 1 |
| 51 | CJ600221 | CLIP jubilee hose | 1 |
| 52 | 565760 | SCREW No. 8 x 3/8" P.K. | 4 |
| 53 | NT120041 | NUT M20) Steering wheel to shaft | 1 |
| 54 | WA120001 | WASHER 20 mm plain) | 1 |

SG.241 & N/SG.241
PL 106055



| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|-----------------------------------|-------------------|
| | 10901337 | BOLT M10) | 1 |
| | ND110041 | NUT slotted M10) Steering joint | 1 |
| | PS606080 | SPLIT PIN) to shaft | 1 |
| 58 | SH108161 | SETSCREW M8) | 4 |
| 59 | WL108001 | LOCKWASHER 8 mm) Housing to body | 4 |
| 60 | SH110201 | SETSCREW M10) | 4 |
| 61 | NH110041 | NUT M10) Bracket to body | 4 |
| 62 | WL110001 | WASHER 10 mm) | 4 |
| 63 | SH110251 | SETSCREW M10) Bracket to angle | 4 |
| 64 | WA110061 | WASHER plain 10 mm) drive casing | 4 |
| 65 | 10901337 | BOLT M10) | 1 |
| 66 | ND110041 | NUT M10 slotted) Relay shaft to | 1 |
| 67 | PS606080 | SPLIT PIN) power steering unit | 1 |

PLATE 2





Leyparts

POWER STEERING EQUIPMENT
PSE. 85
PL 105727

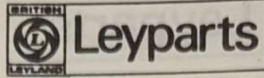
POWER STEERING EQUIPMENT

| Part No. | Description | Quantity per unit |
|----------|-------------------------|-------------------|
| 1090282 | STEERING ARM | 1 |
| 1090283 | BUSH | 2 |
| 1090284 | BUSH RUBBER | 3 |
| 1090285 | BRACKET front support | 4 |
| 1090286 | SPACER | 5 |
| 1090287 | PIECE distance | 6 |
| 1090288 | BRACKET left hand | 7 |
| 1090289 | BRACKET right hand | 8 |
| 1090290 | LOCKWASHER | 9 |
| 1090291 | LOCKWASHER | 10 |
| 1090292 | ELECTRIC MOTOR | 11 |
| 1090293 | ELECTRIC MOTOR | 12 |
| BH12131 | BOLT M16 | 13 |
| 1090454 | NUT Clevis 12 mm x 1.75 | 14 |
| BH11478 | BOLT M16 | 15 |
| 1090455 | NUT Clevis | 16 |
| 1090294 | BOLT M16 | 17 |
| 1090295 | BOLT M16 | 18 |
| 1090456 | NUT Clevis | 19 |
| BH10810 | BOLT M8 | 20 |
| 1090457 | NUT Clevis | 21 |
| 10K3687 | SPRINTER | 22 |

TP/1172

E31

PSE.85
PL 105727



| Illus. ref. | Part | Description | Quantity per unit |
|--------------------------------------|----------|--|-------------------|
| Sub Group E.3 | | | |
| POWER STEERING EQUIPMENT UNIT PSE.85 | | | |
| 1 | 10904389 | STEERING UNIT | 1 |
| 2 | 10901330 | BUSH | 1 |
| 3 | 10902498 | BUSH rubber | 2 |
| 4 | 10901331 | BRACKET front support | 1 |
| 5 | 10902261 | SPACER | 2 |
| 6 | 10903362 | PIECE distance | 2 |
| 7 | 10904301 | BRACKET left hand | 1 |
| 8 | 10904300 | BRACKET right hand | 1 |
| 9 | 10902259 | DOWEL | 4 |
| 10 | 10901334 | ROD tie | 2 |
| 11 | 10901338 | LOCKNUT 22 mm | 4 |
| 12 | 10901335 | END TUBE right hand sub assembly | 2 |
| 13 | BH112131 | BOLT M12 | 1 |
| 14 | 10803454 | NUT Cleveloc 12 mm x 1.75 | 1 |
| | |) Sub assembly power steering to front support bracket | |
| 15 | BH116191 | BOLT M16 | 2 |
| 16 | 10803456 | NUT Cleveloc | 2 |
| | |) Cap to bracket | |
| 17 | 10902263 | BOLT M16 | 2 |
| 18 | 10902264 | BOLT M16 | 2 |
| 19 | 10803456 | NUT Cleveloc | 2 |
| | |) Brackets and caps to axle | |
| 20 | BH108101 | BOLT M8 | 2 |
| 21 | 10803452 | NUT Cleveloc | 2 |
| | |) Front support bracket to axle beam | |
| 22 | 10K5688 | SPLIT PIN for track rod ends | 2 |



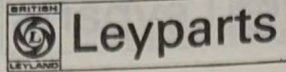
Leyparts

FRONT WHEEL
FW.225/109/63/1
PL 105699

| Quantity per unit | Description | Part |
|-------------------|----------------------------------|---------|
| | Sub Group E.3 | |
| | FRONT WHEEL UNIT FW.225/109/63/1 | |
| 2 | WHEEL sub assembly | 1090143 |
| 2 | WHEEL 8.25 x 22.5 | 1088190 |
| 2 | TYRE 10.9 x 22.5 | 1090104 |

FRONT WHEEL

FW.225/109/63/1
PL 105699



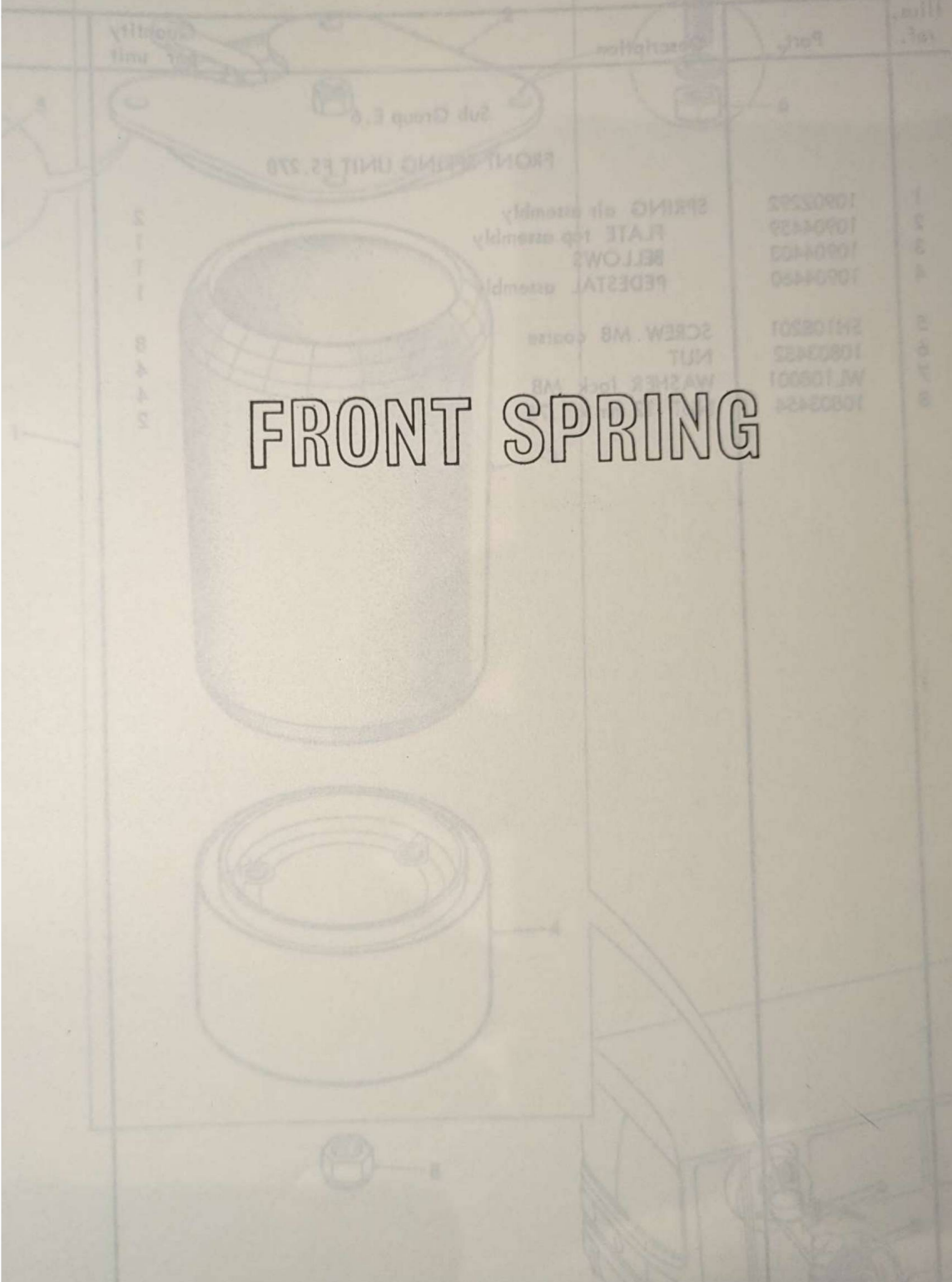
| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|----------------------------------|----------------------|
| | | Sub Group E.5 | |
| | | FRONT WHEEL UNIT FW.225/109/63/1 | |
| | 10901453 | WHEEL sub assembly | 2 |
| | 10884190 | WHEEL 8.25 x 22.5 | 2 |
| | 10901404 | TYRE 10.9 x 22.5 | 2 |

FRONT WHEEL



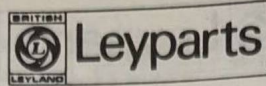
Leyparts

FRONT SPRING
FS.278
PL 105695



FRONT SPRING

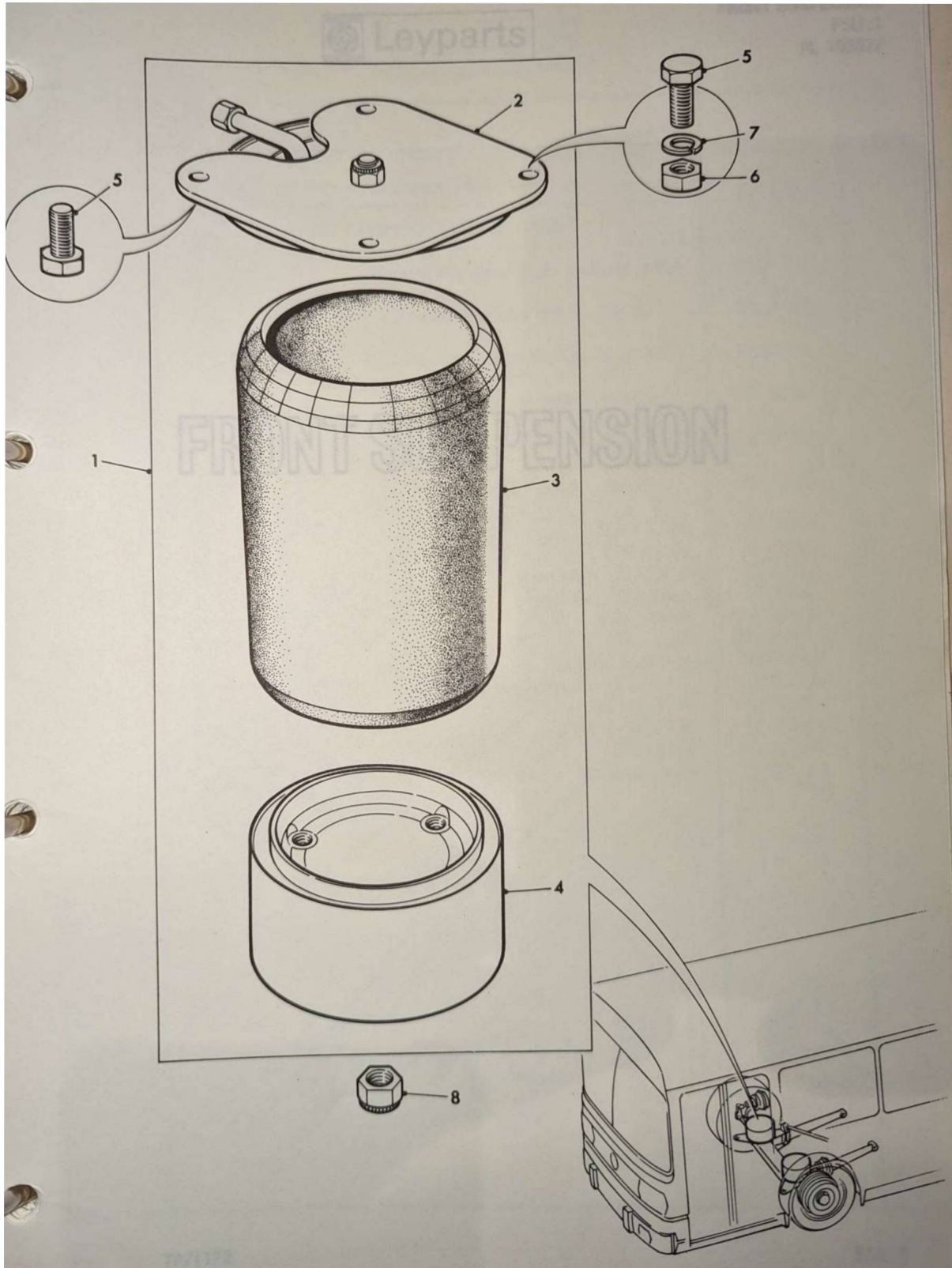
FS.278
PL 105695



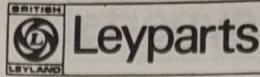
| Illus. ref. | Part | Description | Quantity per unit |
|--------------------------|----------|---------------------|----------------------|
| Sub Group E.6 | | | |
| FRONT SPRING UNIT FS.278 | | | |
| 1 | 10902292 | SPRING air assembly | 2 |
| 2 | 10904459 | PLATE top assembly | 1 |
| 3 | 10904403 | BELLOWS | 1 |
| 4 | 10904460 | PEDESTAL assembly | 1 |
| 5 | SH108201 | SCREW M8 coarse | 8 |
| 6 | 10803452 | NUT | 4 |
| 7 | WL108001 | WASHER lock M8 | 4 |
| 8 | 10803454 | NUT 12 mm x 1.75 | 2 |

Loyparts

P-41.1
K 19827



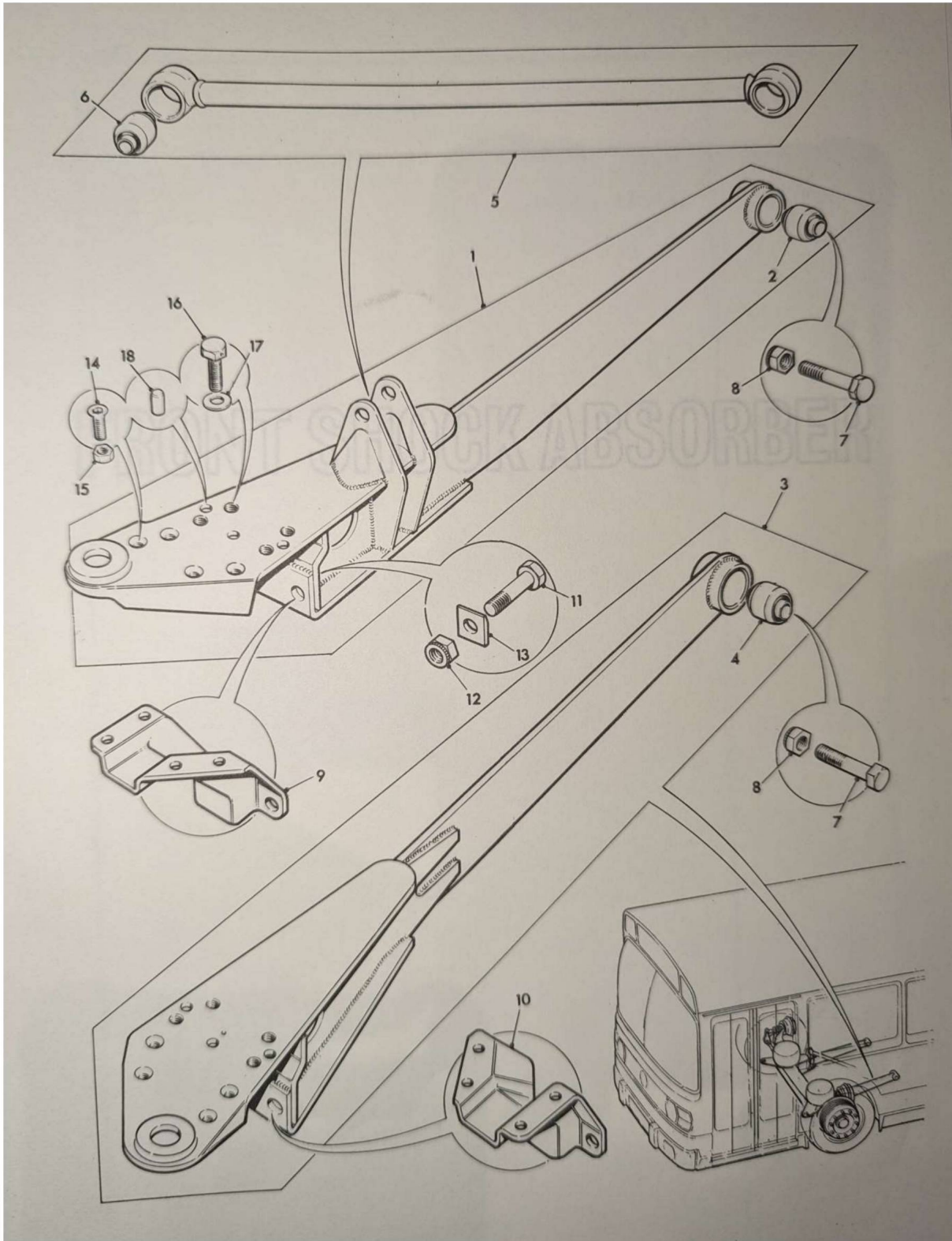
FSU.1
PL 105827



| Illus. ref. | Part | Description | Quantity per unit |
|-----------------------------|----------|-------------------------------------|-------------------|
| Sub Group E.6A | | | |
| FRONT SUSPENSION UNIT FSU.1 | | | |
| 1 | 10902289 | ARM leading right hand sub assembly | 1 |
| 2 | 10901138 | BUSH rubber moulded assembly | 1 |
| 3 | 10902290 | ARM leading left hand sub assembly | 1 |
| 4 | 10901138 | BUSH rubber moulded assembly | 1 |
| 5 | 10902500 | ROD panhard sub assembly | 1 |
| 6 | 10901138 | BUSH rubber moulded assembly | 2 |
| 7 | BT12221 | BOLT M22 | 4 |
| 8 | 10803459 | NUT M22 | 4 |
| 9 | 10902295 | BRACKET right hand | 1 |
| 10 | 10902296 | BRACKET left hand | 1 |
| 11 | BT120211 | BOLT M20 | 4 |
| 12 | 10803458 | NUT M20 | 4 |
| 13 | 10901537 | WASHER special | 4 |
| 14 | ST110301 | SETSCREW countersunk M10 | 8 |
| 15 | 10803453 | NUT M10 | 8 |
| 16 | 10902183 | SETSCREW M16 | 8 |
| 17 | WA122001 | WASHER | 4 |
| 18 | 841772 | PIN reaction | 4 |

E6A.2

TP/1172*





| Quantity per lot | Description | Part No. | Illustration No. |
|---------------------|---|-------------|---------------------|
| 2 | FRONT SHOCK ABSORBER UNIT FSA.47 DAMPER assembly | 10001311 | |

HYDRAULIC PIPING

FRONT SHOCK ABSORBER

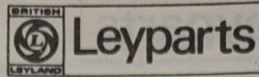
FSA.47
PL 105694



Leyparts

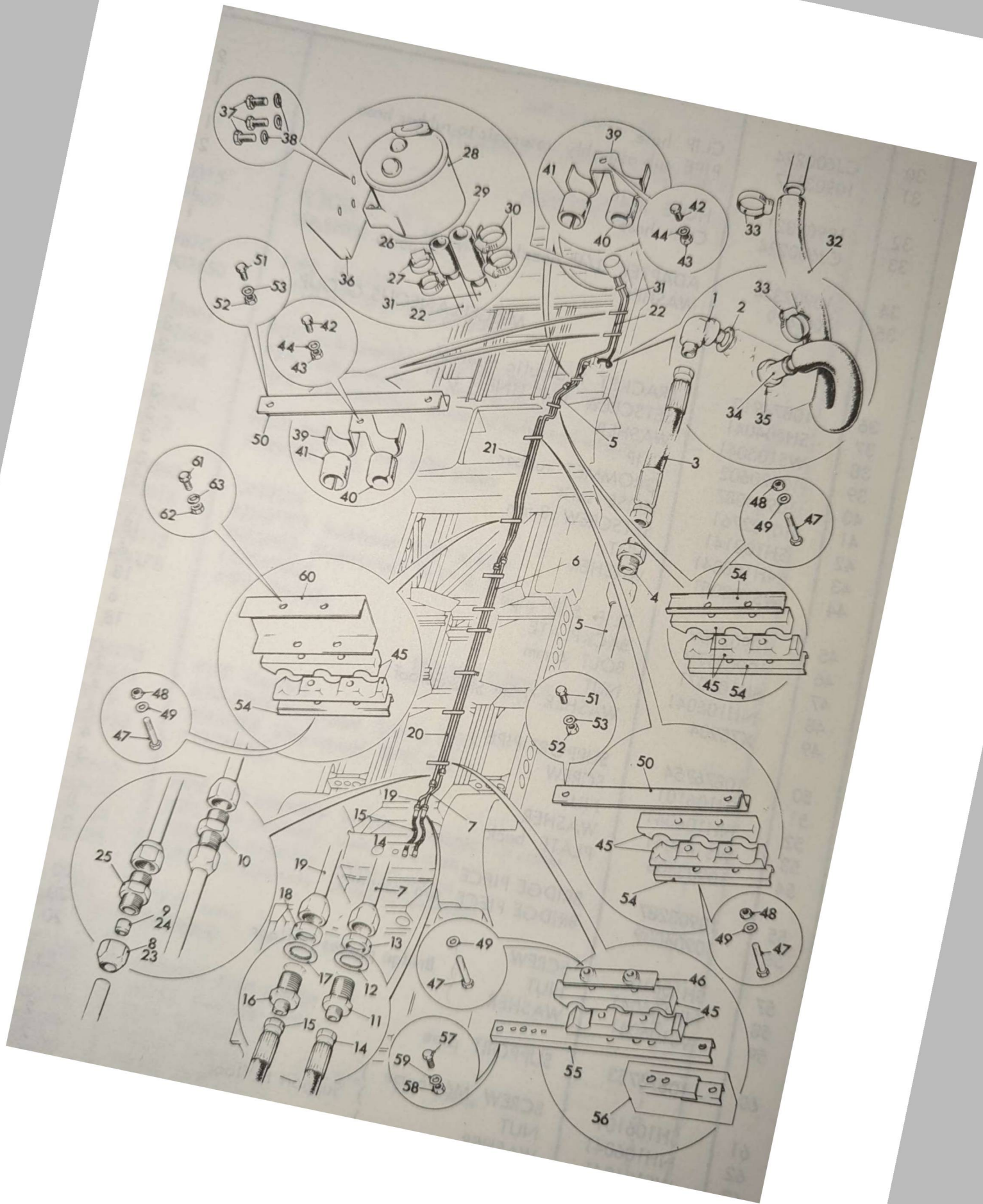
| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|----------------------------------|----------------------|
| | | Sub Group E.7 | |
| | | FRONT SHOCK ABSORBER UNIT FSA.47 | |
| | 10901511 | DAMPER assembly | 2 |

PH.2
PL 105707

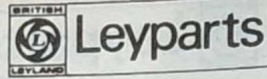


| Illus. ref. | Part | Description | Quantity per unit |
|----------------------------|----------|---|-------------------|
| Sub Group E.10 | | | |
| HYDRAULIC PIPING UNIT PH.2 | | | |
| FEED GROUP | | | |
| 1 | 550315 | ELBOW) | 1 |
| 2 | 587502 | WASHER) In pump | 1 |
| 3 | 569870 | PIPE flexible | 1 |
| 4 | 10902660 | UNION 3/8" x 5/8" pipe | 1 |
| 5 | 10902661 | PIPE sub assembly flexible hose to union | 1 |
| 6 | 10902662 | PIPE sub assembly union to union | 1 |
| 7 | 10902664 | PIPE sub assembly union to bulkhead adapter | 1 |
| 8 | 10902524 | NUT brass) | 6 |
| 9 | 5066/2 | FERRULE) For 5/8" pipes | 6 |
| 10 | 10901892 | UNION | 2 |
| 11 | 10902613 | ADAPTER bulkhead 5/8" x 3/8" | 1 |
| 12 | X75915 | WASHER Shakeproof 3/4" B.S.P. | 1 |
| 13 | 10904113 | LOCKNUT | 1 |
| 14 | 10904178 | PIPE flexible | 1 |
| RETURN GROUP | | | |
| 15 | 10904178 | PIPE flexible | 1 |
| 16 | 10902613 | ADAPTER bulkhead 5/8" x 3/8" | 1 |
| 17 | X75915 | WASHER Shakeproof 3/4" B.S.P. | 1 |
| 18 | 10866933 | LOCKNUT | 1 |
| 19 | 10902665 | PIPE sub assembly bulkhead adapter to union | 1 |
| 20 | 10903133 | PIPE sub assembly union to union | 1 |
| 21 | 10903134 | PIPE sub assembly union to union | 1 |
| 22 | 10903135 | PIPE sub assembly union to reservoir | 1 |
| 23 | 10902524 | NUT brass) | 7 |
| 24 | 5066/2 | FERRULE) 5/8" pipes | 7 |
| 25 | 10901892 | UNION 5/8" x 5/8" | 4 |
| 26 | 10890159 | HOSE flexible 5/8" | 1 |
| 27 | CJ600164 | CLIP jubilee | 2 |
| 28 | 10903674 | TANK supply <i>FILTER PP3349</i> | 1 |
| 29 | 10902320 | HOSE 3/4" | 1 |

| Illus. ref. | Part | Description | Quantity per unit |
|---------------------|----------|--|-------------------|
| 30 | CJ600224 | CLIP hose | 2 |
| 31 | 10903137 | PIPE sub assembly reservoir to rubber hose | 1 |
| 32 | 10902321 | HOSE 3/4" | 1 |
| 33 | CJ600224 | CLIP hose | 2 |
| 34 | 10902334 | ADAPTER 3/4" nozzle | 1 |
| 35 | X42629 | WASHER) In pump | 1 |
| MISCELLANEOUS GROUP | | | |
| 36 | 10874912 | BRACKET hydraulic reservoir | 1 |
| 37 | SH604041 | SETSCREW 1/4" UNF x 1/2" | 3 |
| 38 | WS106041 | WASHER | 3 |
| 39 | 10620602 | CLIP | 3 |
| 40 | 10904087 | GROMMET rubber | 3 |
| 41 | 10902761 | HOSE split | 3 |
| 42 | SH108141 | SETSCREW 8 mm | 3 |
| 43 | NH108041 | NUT | 3 |
| 44 | WS108051 | WASHER | 3 |
| 45 | 10902909 | CLIP 5/8" pipe | 18 |
| 46 | 10903179 | BACKPLATE | 6 |
| 47 | BH106071 | BOLT 6 mm | 18 |
| 48 | NH106041 | NUT | 6 |
| 49 | X75904 | WASHER 1/4" Shakeproof | 18 |
| 50 | 10876754 | SUPPORT PIPE | 2 |
| 51 | SH106101 | SCREW | 4 |
| 52 | NH106041 | NUT | 4 |
| 53 | WS106041 | WASHER | 4 |
| 54 | 10903403 | PLATE back | 3 |
| 55 | 10903287 | BRIDGE PIECE | 8 |
| 56 | 10904039 | BRIDGE PIECE sub assembly | 2 |
| 57 | SH106101 | SCREW) | 20 |
| 58 | NH106041 | NUT) Bridge pieces to floor | 20 |
| 59 | WS106041 | WASHER) | 20 |
| 60 | 10876753 | SUPPORT pipe | 1 |
| 61 | SH106101 | SCREW M6 coarse) | 2 |
| 62 | NH106041 | NUT) Support to floor | 2 |
| 63 | WS106041 | WASHER) | 2 |



OP.280
PL 105843



| Illus. ref. | Part | Description | Quantity per unit |
|-----------------------------|----------|---|----------------------|
| Sub Group F.3 | | | |
| OPERATING PEDAL UNIT OP.280 | | | |
| | 10903496 | PEDAL sub assembly | 2 |
| | 10903313 | BUSH | 2 |
| | 10903493 | BUSH | 4 |
| | 10903314 | END JAW | 2 |
| | 10903315 | PLUNGER brake valve | 1 |
| | 10903380 | PLUNGER throttle valve | 1 |
| | NT112041 | LOCKNUT | 2 |
| | 10903316 | PIN | 2 |
| | WA110061 | WASHER 3/8" plain | 2 |
| | ND110041 | NUT slotted | 2 |
| | 10K5674 | SPLIT PIN 3/32" x 1.1/8" | 2 |
| | C10353 | PAD rubber | 2 |
| | 10903318 | PLATE | 2 |
| | 569315 | SCREW No. 8 5/8" P.K. | 8 |
| | 512116 | NUT spire | 8 |
| | 10903499 | PIN) | 1 |
| | WA110061 | WASHER 3/8" plain) | 1 |
| | ND110041 | NUT slotted) | 1 |
| | 10K5674 | SPLIT PIN 3/32" x 1.1/8") For pedal pivots | 1 |
| | 10903504 | WASHER) | 2 |
| | 10903505 | DISTANCE-PIECE) | 1 |
| | 10903500 | PLATE support sub assembly | 1 |
| | 10904338 | PLATE | 1 |
| | NH108041 | NUT 8 mm) | 4 |
| | SH108161 | SETSCREW) Bracket to body | 6 |
| | WL108001 | LOCKWASHER M8) | 6 |
| | 10904337 | SCREW 12 mm) | 2 |
| | NT112041 | LOCKNUT) Pedal stop | 2 |
| | 10903541 | VALVE brake | 1 |
| | SH507081 | SETSCREW 7/16" UNC) | 1 |
| | SH506081 | SETSCREW 3/8" UNC) Brake valve | 2 |
| | WL600081 | LOCKWASHER 1/2") to plate | 1 |
| | WL600061 | LOCKWASHER 3/8") | 2 |



Leyparts

OPERATING PEDAL
OP. 280
PL 105843

| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|---------------------------------|----------------------|
| | 10903267 | VALVE throttle | 1 |
| | SH106161 | SCREW M6) Plate to sub | 4 |
| | WL106001 | LOCKWASHER M6) assembly plate | 4 |
| | SH108251 | SCREW) Throttle valve to plate | 2 |
| | WL108001 | LOCKWASHER M8) | 2 |
| | 10870034 | GAITER | 1 |
| | 10870031 | RETAINER sub assembly | 1 |



CHASSIS EQUIPMENT
 CE. 637
 PL 105703

| Quantity Per Unit | Description | Part | Unit |
|----------------------|--------------------------------|----------|------|
| 1 | CHASSIS EQUIPMENT UNIT CE. 637 | | |
| 1 | JACK Hydro | 1092331 | |
| 1 | SPANNER BOX wheel nuts | 325-2872 | |

CHASSIS EQUIPMENT

CE.637
PL 105703

Genuine
LEYLAND
Spares

| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|-------------------------------|----------------------|
| | | Sub Group G.4 | |
| | | CHASSIS EQUIPMENT UNIT CE.637 | |
| | 10903721 | JACK Hydro | 1 |
| | 352-2812 | SPANNER BOX wheel nuts | 1 |

G4.2

TP/0671*



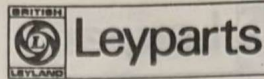
Leyparts

FUEL PIPING
PF.278
PL 106688

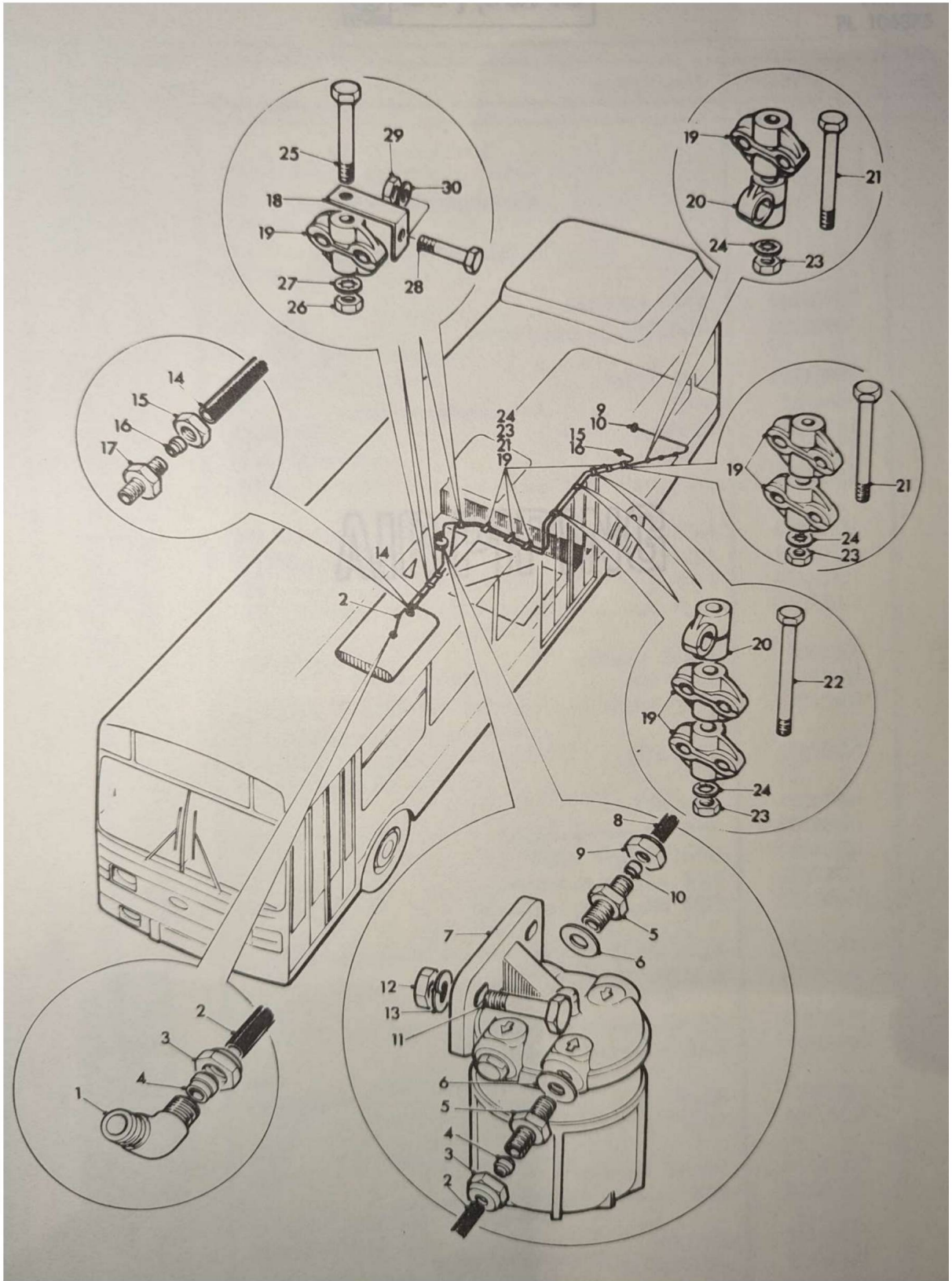
FUEL PIPING

| Quantity per unit | Description | Part | Ref. |
|-------------------|------------------------------------|----------|------|
| 1 | FUEL PIPING IN FUEL TANK | 1085027 | 1 |
| 3 | PIPE 3/8" nylon | 1085026 | 2 |
| 3 | NUT | 3066714 | 3 |
| 4 | FERRULE | 10856932 | 4 |
| 3 | ADAPTOR | 1085025 | 5 |
| 4 | WASHER | 1085024 | 6 |
| 3 | SEAL | 81480 | 7 |
| 8 | PIPE | 1085028 | 8 |
| 9 | NUT | 3066714 | 9 |
| 10 | FERRULE | 10856932 | 10 |
| 11 | BOLT M10 x 1.25 | 8411007 | 11 |
| 12 | NUT M10 | 4411004 | 12 |
| 13 | WASHER spring 2 1/8" | W271001 | 13 |
| 14 | PIPE 1/4" nylon | 1085214 | 14 |
| 15 | NUT | 1081872 | 15 |
| 16 | FERRULE | 1085280 | 16 |
| 17 | ADAPTOR in tank | 8056713 | 17 |
| 18 | BRACKET angle for 3/8" x 1/4" pipe | 1085027 | 18 |
| 19 | CLIP pipe 3/8" x 1/4" | 2321328 | 19 |
| 20 | BLOCK aluminium 3/8" | 2321324 | 20 |
| 21 | BOLT M8 x 1.25" | 8410819 | 21 |
| 22 | BOLT M8 x 1.25" | 4410821 | 22 |
| 23 | NUT 8 mm | 4410804 | 23 |
| 24 | WASHER 2 1/8" aluminium | W800021 | 24 |
| 25 | BOLT 8 mm x 45 mm | 8410801 | 25 |
| 26 | NUT 8 mm | 4410804 | 26 |
| 27 | WASHER 2 1/8" aluminium | W800021 | 27 |
| 28 | SCREW M6 x 10 mm | 8410816 | 28 |
| 29 | NUT | 4410804 | 29 |
| 30 | WASHER 1 1/8" aluminium | W800041 | 30 |

PF.278
PL 106688



| Illus. ref. | Part | Description | Quantity per unit |
|--|----------|--|-------------------|
| Sub Group G.8 FUEL PIPING UNIT PF.278 FEED PIPES | | | |
| 1 | 10866093 | ELBOW in fuel tank | 1 |
| 2 | 10902216 | PIPE 3/8" nylon) | supplied in feet |
| 3 | 5066/114 | NUT) Tank to | 2 |
| 4 | 10866932 | FERRULE) sedimenter | 2 |
| 5 | 10901902 | ADAPTER) | 2 |
| 6 | 146855 | WASHER) In sedimenter | 2 |
| 7 | 614841 | SEDIMENTER | 1 |
| 8 | 10902216 | PIPE 3/8" nylon) | supplied in feet |
| 9 | 5066/114 | NUT) Sedimenter | 2 |
| 10 | 10866932 | FERRULE) to pump | 2 |
| 11 | BH110071 | BOLT M10 x 1.5") Sedimenter | 2 |
| 12 | NH110041 | NUT M10) to body | 2 |
| 13 | WS110051 | WASHER spring 5/16") frame | 2 |
| RETURN PIPES | | | |
| 14 | 10902214 | PIPE 1/4" nylon) Bleed | supplied in feet |
| 15 | 10901872 | NUT) pipe | 2 |
| 16 | 10902240 | FERRULE) to tank | 2 |
| 17 | 5066/113 | ADAPTER in tank | 1 |
| 18 | 10876771 | BRACKET angle for 3/8" x 1/4" pipe clips | 2 |
| 19 | Z9/31328 | CLIP pipe double 3/8" x 1/4" | 22 |
| 20 | Z5/31384 | BLOCK clamping single 5/8" | 6 |
| 21 | BH108151 | BOLT M8 x 1.25") Fuel | 5 |
| 22 | BH108221 | BOLT M8 x 1.25") air suspension | 3 |
| 23 | NH108041 | NUT 8 mm) gearbox throttle | 8 |
| 24 | WF600051 | WASHER 5/16" shakeproof) clips | 8 |
| 25 | BH108091 | BOLT 8 mm x 45 mm) | 3 |
| 26 | NH108041 | NUT 8 mm) Fuel clips | 3 |
| 27 | WF600051 | WASHER 5/16" shakeproof) | 3 |
| 28 | SH106161 | SCREW M6 coarse) Angle | 2 |
| 29 | NH106041 | NUT) bracket | 2 |
| 30 | WF600041 | WASHER 1/4" shakeproof) to body | 2 |





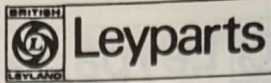
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AIR PIPING
PA.517
PL 106875

| Quantity | Description | Part No. | Unit |
|----------|--------------------------------------|----------|------|
| 1 | ANTI-FREEZER ADAPTER in anti-freezer | 10902353 | |
| 1 | ADAPTER in anti-freezer | 10902358 | |
| 2 | WASHER 7/8" x 1/2" x 3/16" | 10902313 | |
| 2 | WASHER 1/2" x 5/8" x 3/16" | 10902313 | |
| 2 | NUT | 10902353 | |
| 2 | FERRULE | 10902358 | |
| 1 | LOCKNUT | 10902358 | |
| 1 | FLUID GULF | 10902358 | |
| 1 | TAP drain 1/8" gas in oil filter | 212884 | |
| 1 | HOSE FLEXIBLE | 10902353 | |
| 1 | FOUR | 10902354 | |
| 1 | PIPE 3/4" | 10904833 | |
| 1 | C.P.P. hose-water drive | C160181 | |
| 1 | HOSE FLEXIBLE | 838658 | |
| 1 | ADAPTER | 10902358 | |
| 1 | LOCKNUT | 10904016 | |
| 1 | SILENCER | 10904833 | |
| 1 | BRACKET | 10902371 | |
| 1 | PIPE adapter to adapter | 10902358 | |
| 1 | UNION 3/8" x 3/8" | 10901821 | |
| 1 | PIPE adapter to adapter | 10902358 | |
| 1 | PIPE adapter to condenser | 10902358 | |
| 1 | ADAPTER in condenser | 10902377 | |
| 1 | ELBOW | 10902373 | |
| 1 | ADAPTER | 10902358 | |
| 1 | CONDENSER and drain valve | 10902358 | |
| 1 | PIPE condenser to unloader | 10902377 | |
| 1 | NUT | 10902358 | |
| 1 | FERRULE | 10902358 | |
| 1 | ADAPTER for unloader | 10902358 | |
| 1 | ADAPTER for unloader | 10902358 | |
| 1 | NUT | 10902358 | |
| 1 | FERRULE | 10902358 | |
| 1 | PIPE unloader to pressure protection | 10902358 | |
| 1 | ADAPTER in protection valve | 10902358 | |
| 1 | T-PIECE | 10902358 | |
| 1 | ADAPTER in protection valve | 10902358 | |

AIR PIPING

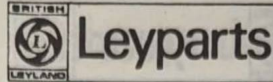
PA.517
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| Illus. ref. | Part | Description | Quantity per unit |
|------------------------|----------|--------------------------------------|----------------------|
| Sub Group G.10 | | | |
| AIR PIPING UNIT PA.517 | | | |
| AIR SUPPLY GROUP | | | |
| | 10903262 | ANTI-FREEZER | 1 |
| | 10903255 | ADAPTER in anti-freezer | 1 |
| | 10902213 | PIPE 3/16") | 1 |
| | 5066/62 | NUT) Anti-freezer to filter | 2 |
| | 10902218 | FERRULE) | 2 |
| | 232884 | TAP drain 1/8" gas in air filter | 1 |
| | 10903653 | HOSE flexible 3/4" x 2") | 2 |
| | 10903654 | HOSE) Air filter to | 1 |
| | 10904633 | PIPE 3/4") compressor | 1 |
| | CJ600164 | CLIP hose-worm drive) | 6 |
| | 838628 | HOSE flexible) | 1 |
| | 10902538 | ADAPTER) Compressor supply | 1 |
| | 10904016 | LOCKNUT) pipe to bracket | 1 |
| | 10904503 | SILENCER | 1 |
| | 10876371 | BRACKET | 1 |
| | 10902523 | PIPE adapter to adapter | 1 |
| | 10901892 | UNION 5/8" x 5/8" | 2 |
| | 10902525 | PIPE adapter to adapter | 1 |
| | 10902526 | PIPE adapter to condenser | 1 |
| | 10902227 | ADAPTER) | 1 |
| | 10902923 | ELBOW) In condenser | 1 |
| | 10903646 | CONDENSER and drain valve unit | 1 |
| | 10902527 | PIPE condenser to unloader | 1 |
| | 10902924 | ADAPTER) | 1 |
| | 5066/102 | ADAPTER) For unloader | 1 |
| | 846450 | VALVE unloader | 1 |
| | 10902528 | PIPE unloader to pressure protection | 1 |
| | 10902249 | T-PIECE) | 1 |
| | 5066/102 | ADAPTER) In protection valve | 1 |

G10.2

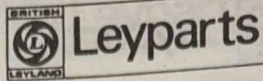
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AIR PIPING
PA.517
PL 106875

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|--|-------------------|
| | 10901600 | VALVE pressure protection valve | 1 |
| | 10902529 | PIPE T-piece to T-piece throttle | 1 |
| | 5066/94 | T-PIECE | 1 |
| | 10902353 | PIPE T-piece to automatic shut off | 1 |
| | 528986 | VALVE automatic shut off | 1 |
| | 10902349 | ADAPTER | 1 |
| | WF600141 | WASHER 7/8" Shakeproof | 1 |
| | 241329 | WASHER 1/2" B.S.P. | 1 |
| | |) For automatic shut off valve | |
| | 282214 | LOCKNUT | 1 |
| | 528988 | PLUG blanking | 1 |
| | 839322 | CHAIN assembly | 1 |
| | 10902530 | PIPE adapter in pressure protection valve to fourway | 1 |
| | 10902390 | FOURWAY PIECE | 1 |
| | 10902531 | PIPE fourway piece to front reservoir | 1 |
| | 10902532 | PIPE fourway piece to rear reservoir | 1 |
| | 10902533 | PIPE fourway piece to auxiliary reservoir | 1 |
| | 10902247 | RESERVOIR dual | 1 |
| | 5066/102 | ADAPTER in dual reservoir non return valves | 2 |
| | 10902248 | RESERVOIR auxiliary complete | 1 |
| | 10901871 | ADAPTER in auxiliary reservoir | 1 |
| | 10903657 | VALVE drain for reservoirs | 3 |
| | 10902214 | PIPE 1/4" nylon | supplied in feet |
| | 10901872 | NUT | 2 |
| | 10902240 | FERRULE | 2 |
| | 10901874 | T-PIECE in pressure regulator valve | 1 |
| | 5066/97 | ADAPTER | 1 |
| | 241329 | WASHER 1/2" B.S.P. | 1 |
| | |) In charging valve auxiliary reservoir | |
| | 10902524 | NUT | 8 |
| | 5066/2 | FERRULE | 8 |
| | |) Fittings for 5/8" pipe | |
| | 5066/112 | NUT | 14 |
| | 5066/20 | FERRULE | 14 |
| | |) Fittings for 1/2" pipe | |
| | 10902270 | BRACKET reservoir sub assembly | 4 |
| | 10902268 | BRACKET top | 4 |

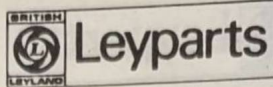
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| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---|-------------------|
| | SH106201 | SCREW M6 | 3 |
| | NH106041 | NUT | 3 |
| | WF600041 | WASHER 1/4" Shakeproof | 3 |
| | |) Anti-freezer to bracket | |
| | SH106121 | SCREW M6 | 1 |
| | NH106041 | NUT | 1 |
| | WF600041 | WASHER 1/4" Shakeproof | 1 |
| | |) Hose adapter bracket to body | |
| | SH506061 | SCREW 3/8" UNC | 3 |
| | WF600061 | WASHER 3/8" Shakeproof | 3 |
| | SH106121 | SCREW M6 | 2 |
| | NH106041 | NUT | 2 |
| | WF600041 | WASHER 1/4" Shakeproof | 2 |
| | |) Unloader valve to beam | |
| | BH110181 | BOLT 10 mm x 90 | 2 |
| | NH110041 | NUT 10 mm | 2 |
| | WF600061 | WASHER 3/8" Shakeproof | 2 |
| | |) Pressure protection valve and bracket to beam | |
| | SH108201 | SCREW M8 | 8 |
| | NH108041 | NUT 8 mm | 8 |
| | WF600051 | WASHER 5/16" Shakeproof | 8 |
| | |) Reservoir bracket to underside of floor | |
| | BH108071 | BOLT 8 mm x 35 mm | 8 |
| | NH108041 | NUT 8 mm | 8 |
| | WF600051 | WASHER 5/16" Kolok | 8 |
| | |) For reservoir clamps | |
| | 10902004 | CLIP pipe for 1/2" pipe | 2 |
| | 10902002 | CLIP pipe for 1/4" pipe | 1 |
| | 10904008 | PACKING-PIECE for hydraulic and supply pipes | 1 |
| | SH106121 | SCREW M6 | 2 |
| | NH106041 | NUT | 2 |
| | WF600041 | WASHER 1/4" Shakeproof | 2 |
| | |) Packing-piece to body | |
| | 10901908 | TIE wrap for 1/4" nylon pipe | 2 |
| | 271256 | CLIP | 1 |
| | SH106121 | SCREW M6 | 5 |
| | NH106041 | NUT | 5 |
| | WF600041 | WASHER 1/4" Shakeproof | 5 |
| | |) For 3/4" clips and silencer | |
| | 10902761 | HOSE split | 4 |
| | 526052 | CLIP pipe | 4 |
| | |) For 5/8" pipe | |

| Illus. ref. | Part | Description | Quantity per unit |
|------------------|------------------------------------|---|-------------------|
| SH106121 | SCREW M6 |) Clips to) bridge piece | 4 |
| NH106041 | NUT | | 4 |
| WE600041 | WASHER 1/4" Shakeproof | | 4 |
| AIR BRAKES GROUP | | | |
| 5066/102 | ADAPTER | in rear reservoir outlet | 1 |
| 10901869 | ELBOW | in front reservoir outlet | 1 |
| 10903915 | PIPE | steel 1/2" adapter to T-piece | 1 |
| 5066/94 | T-PIECE | handbrake supply | 1 |
| 10904080 | PIPE | T-piece to brake valve | 1 |
| 10904081 | PIPE | front reservoir to brake valve | 1 |
| 10902233 | ADAPTER |) Gauge and low pressure | 3 |
| 10868390 | ELBOW 1/8" B.S.F. x 1/4" |) switches take off in) brake valve | 1 |
| 5066/102 | ADAPTER | supply and delivery - brake valve | 4 |
| 10902213 | PIPE 3/16" |) Valve to T-piece | 2 |
| 5066/62 | NUT |) gauge line | 4 |
| 10902218 | FERRULE |) | 4 |
| 10901880 | T-PIECE | low pressure switch take off | 2 |
| 10903256 | PIPE 3/16" |) T-piece to low | 2 |
| 5066/62 | NUT |) pressure switches | 4 |
| 10902218 | FERRULE |) | 4 |
| 10902213 | PIPE 3/16" |) | 2 |
| 588343 | NUT union |) T-piece to gauge | 2 |
| 5066/62 | NUT |) | 2 |
| 10902218 | FERRULE |) | 4 |
| 10902213 | PIPE 3/16" |) Brake valve to | 2 |
| 5066/62 | NUT |) stop light switches | 4 |
| 10902218 | FERRULE |) | 4 |
| 10903255 | ADAPTER | in auxiliary reservoir | 1 |
| 10903257 | PIPE 3/16" |) Auxiliary reservoir to | 1 |
| 5066/62 | NUT |) low pressure switches | 2 |
| 10902218 | FERRULE |) | 2 |
| 10903659 | ADAPTER bulkhead 3/16" pipe x 1/4" |) In bracket | 6 |
| 10903917 | LOCKNUT 1/2" B.S.P. |) | 6 |

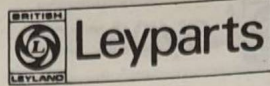
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| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|--|-------------------|
| | 10901909 | SWITCH stop light | 2 |
| | 10901910 | SWITCH low pressure | 4 |
| | 10902217 | PIPE 1/2") | 1 |
| | 5066/115 | NUT) Brake valve to | 2 |
| | 10902220 | FERRULE) front T-piece | 2 |
| | 10901764 | T-PIECE | 1 |
| | 10902534 | PIPE T-piece to adapter right hand | 1 |
| | 10902535 | PIPE T-piece to adapter left hand | 1 |
| | 10902602 | ELBOW bulkhead) | 2 |
| | 10901900 | NUT) Steel pipe to | 2 |
| | WF600121 | WASHER 3/4" Shakeproof) brake chamber | 2 |
| | 10892657 | HOSE flexible) | 2 |
| | 10866092 | NOZZLE and nut) Elbow to | 4 |
| | CJ600164 | CLIP hose - worm drive) brake chamber | 4 |
| | 5066/122 | ELBOW in brake chamber | 2 |
| | 10902217 | PIPE 1/2") | 1 |
| | 5066/115 | NUT) Brake valve to T-piece | 2 |
| | 10902220 | FERRULE) | 2 |
| | 5066/94 | T-PIECE | 1 |
| | 10904139 | PIPE T-piece to bulkhead adapter | 1 |
| | 10902231 | ADAPTER bulkhead | 1 |
| | 10903917 | LOCKNUT 1/2" B.S.P. | 1 |
| | 10901894 | HOSE) | 1 |
| | 10901893 | NOZZLE hose and nut) Bulkhead adapter | 2 |
| | CJ600164 | CLIP hose - worm drive) to T-piece | 2 |
| | 10902216 | PIPE 3/8" nylon) | supplied |
| | 5066/114 | NUT) Tee handbrake supply | in feet |
| | 10866932 | FERRULE) to handbrake valve | 2 |
| | 10903644 | VALVE handbrake control | 2 |
| | 10903658 | T-PIECE) | 1 |
| | 5066/106 | ADAPTER) For control valve | 1 |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|---|-------------------------|---------------------|
| 847559 | VALVE non return |) In T-piece | 1 |
| 10903891 | PIECE extension | | 1 |
| 5066/88 | ADAPTER in non return valve | | 1 |
| 10865522 | VALVE tank in extension | | 1 |
| 10902216 | PIPE 3/8" nylon |) Adapter in non return | supplied in feet |
| | |) valve to T-piece | |
| 5066/114 | NUT |) | 2 |
| 10866932 | FERRULE |) | 2 |
| 5066/95 | T-PIECE handbrake low pressure switches take off | | 1 |
| 10903261 | PIPE 3/16" |) T-piece to low | 1 |
| 5066/62 | NUT |) pressure switches | 2 |
| 10902218 | FERRULE |) | 2 |
| 10902216 | PIPE 3/8" nylon |) T-piece to elbow in | 1 |
| 5066/114 | NUT |) double check valve | 2 |
| 10866932 | FERRULE |) | 2 |
| 528984 | VALVE double check | | 1 |
| 5066/106 | ADAPTER |) In double check valve | 2 |
| 10904288 | ELBOW |) | 1 |
| 10904140 | PIPE adapter double check valve to bulkhead adapter | | 1 |
| 5066/80 | ADAPTER bulkhead | | 1 |
| 10901900 | NUT | | 1 |
| 10903566 | HOSE |) Bulkhead adapter to | 1 |
| 10866092 | NOZZLE and nut |) quick release valve | 2 |
| CJ600164 | CLIP hose worm drive |) | 2 |
| 10904138 | PIPE check valve to T-piece | | 1 |
| 5066/115 | NUT |) Fittings for 1/2" | 8 |
| 5066/20 | FERRULE |) steel pipe | 8 |
| 5066/114 | NUT |) Fittings for 3/8" | 8 |
| 5066/79 | FERRULE |) steel pipe | 8 |
| 10904114 | BRACKET for double check valve | | 1 |
| 10878069 | PLATE front for bulkhead adapters | | 1 |
| 10904141 | BRACKET pipe support | | 1 |

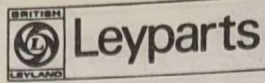
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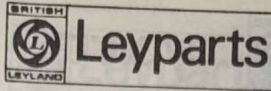
| Illus. ref. | Part | Description | Quantity per unit |
|---------------|----------|---|-------------------|
| | SH108201 | SCREW M8 | 1 |
| | NH108041 | NUT 8 mm | 1 |
| | WF600051 | WASHER 5/16" Shakeproof | 1 |
| | |) Double check valve to bracket | |
| | SH106141 | SCREW M6 | 4 |
| | NH106041 | NUT | 4 |
| | WF600041 | WASHER 1/4" Shakeproof | 4 |
| | |) Brackets to frame | |
| | 10903660 | PIPE | 1 |
| | CJ600164 | CLIP jubilee | 1 |
| | |) For handbrake exhaust | |
| | SH504031 | SCREW 1/4" UNC | 2 |
| | SH108251 | SCREW M8 | 4 |
| | NH108041 | NUT 8 mm | 4 |
| | WF600041 | WASHER 1/4" Shakeproof | 2 |
| | WF600051 | WASHER 5/16" Shakeproof | 4 |
| | |) For handbrake | |
| | 10902004 | CLIP pipe for 1/2" pipe | 19 |
| | 10902003 | CLIP pipe for 3/8" pipes | 15 |
| | SH106101 | SCREW M6 | 2 |
| | NH106041 | NUT | 2 |
| | WF600051 | WASHER 5/16" Shakeproof | 2 |
| | |) For pipe support to channel | |
| | 10902354 | CLIP pipe | 13 |
| | 10901908 | TIE wrap | 2 |
| | 10878724 | CARRIER edge | 4 |
| | |) For 3/16" pipe | |
| | 10904115 | BRACKET | 1 |
| | 10904116 | BRACKET | 1 |
| | |) For low pressure and stop light switches | |
| | 10876200 | BRACKET | 1 |
| | SH106141 | SCREW M6 | 4 |
| | WF600041 | WASHER 1/4" Shakeproof | 4 |
| | |) For low pressure switches and stop light switches | |
| | |) bracket | |
| | SH106141 | SCREW M6 | 2 |
| | NH106041 | WASHER 1/4" Shakeproof | 2 |
| | WF600041 | WASHER 1/4" Shakeproof | 2 |
| | |) Bracket to front diagonal | |
| GEARBOX GROUP | | | |
| | 10901867 | ADAPTER | 1 |
| | 254884 | WASHER | 1 |
| | |) In limiting valve auxiliary reservoir | |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|--|---------------------------|-------------------|
| 10902216 | PIPE 3/8" nylon |) | supplied |
| 5066/114 | NUT |) Adapter to T-piece | in feet 2 |
| 10902230 | FERRULE |) | 2 |
| 5066/143 | T-PIECE | | 1 |
| 10903733 | PIPE T-piece to 5 way electro pneumatic unit | | 1 |
| 10903734 | PIPE T-piece to 1 way electro pneumatic unit | | 1 |
| 5066/114 | NUT |) | 4 |
| 5066/79 | FERRULE |) For 3/8" pipe | 4 |
| 10902003 | CLIP pipe |) | 11 |
| 10896239/1 | CLIP for reverse pipe | | 2 |
| Z9/31328 | CLIP pipe double | | 2 |
| 10905363 | VALVE electro-pneumatic 5 way | | 1 |
| 10889108 | VALVE electro-pneumatic 1 way | | 1 |
| 562379 | PIPE 1/4" |) 5 way electro pneumatic | 4 |
| 579166 | NUT union |) to gearbox | 8 |
| 579168 | FERRULE |) | 8 |
| 562379 | PIPE 1/4" |) | 1 |
| 579166 | NUT union |) For first speed | 2 |
| 579168 | FERRULE |) | 2 |
| 10904231 | PIPE 1/4" sub assembly |) | 1 |
| 562379 | PIPE 1/4" |) 1 way electro pneumatic | 1 |
| 579166 | NUT union |) valve to reverse | 2 |
| 579168 | FERRULE |) | 2 |
| 520264 | TUBE cover for 1/4" nylon pipes | | 1 |
| BH110071 | BOLT |) 5 way electro pneumatic | 3 |
| NH110041 | NUT 10 mm |) valve to understructure | 3 |
| X75906 | WASHER 3/8" Shakeproof |) | 3 |
| BH110131 | BOLT |) 1 way electro pneumatic | 2 |
| NH110041 | NUT 10 mm |) valve to understructure | 2 |
| X75906 | WASHER 3/8" Shakeproof |) | 2 |
| 102235 | CLIP pipe 7/8" for PVC tube | | 3 |
| SH106141 | SCREW M6 |) | 3 |
| NH106041 | NUT |) For 7/8" clips | 3 |
| WF600041 | WASHER 1/4" Shakeproof |) | 3 |

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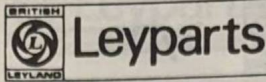


| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|---|-------------------|
| | BH108091 | BOLT 8 mm x 45 mm | 1 |
| | NH108041 | NUT 8 mm | 1 |
| | WF600051 | WASHER 5/16" Shakeproof | 1 |
| | SH105121 | SETSCREW 5 mm | 2 |
| | NH105041 | NUT 5 mm | 2 |
| | WF702101 | WASHER Shakeproof | 2 |
| | |) For 3/8" x 1/4" plastic clip | |
| | |) For reverse pipe clip | |
| | | THROTTLE GROUP | |
| | 10902216 | PIPE 3/8" nylon | supplied in feet |
| | 5066/114 | NUT | 1 |
| | 10866932 | FERRULE | 2 |
| | 10903708 | NUT | 1 |
| | 10903709 | ELECTRO PNEUMATIC unit | 1 |
| | 10902216 | PIPE 3/8" nylon | supplied in feet |
| | 5066/114 | NUT | 1 |
| | 10903708 | NUT | 1 |
| | 10866932 | FERRULE | 2 |
| | 5066/90 | ADAPTER | 1 |
| | 5066/122 | ELBOW | 1 |
| | |) In throttle valve | |
| | 10902216 | PIPE 3/8" nylon | supplied in feet |
| | 5066/114 | NUT | 2 |
| | 10866932 | FERRULE | 2 |
| | |) Elbow to elbow | |
| | 10904154 | ADAPTER in throttle cylinder | 1 |
| | 10903710 | PIPE exhaust for electro pneumatic unit | 2 |
| | 10902003 | CLIP pipe | 14 |
| | Z5/31383 | CLIP | 4 |
| | Z5/31385 | CLIP pipe | 4 |
| | Z9/31328 | CLIP pipe double | 4 |
| | |) For 3/8" pipes | |
| | Z5/31384 | BLOCK clamping single for 5/8" pipe | 2 |



| Illus. ref. | Part | Description | Quantity per unit |
|----------------------|------|-----------------------------------|-------------------|
| BH108151 | | BOLT 8 mm x 75 mm) | 1 |
| BH108161 | | BOLT 8 mm x 80 mm) | 1 |
| BH108091 | | BOLT 8 mm x 45 mm) | 2 |
| NH108041 | | NUT 8 mm) For plastic clips | 6 |
| WF600051 | | WASHER 5/16" Shakeproof) | 6 |
| BH108081 | | BOLT 8 mm x 40 mm) | 2 |
| BH105101 | | BOLT 5 mm) Electro pneumatic | 2 |
| WL702001 | | WASHER 3/16") unit to body | 2 |
| AIR SUSPENSION GROUP | | | |
| 10902214 | | PIPE 1/4" nylon) | supplied |
| 10901872 | | NUT) T-piece to | in feet |
| 10902240 | | FERRULE) regulator valve | 2 |
| 5066/113 | | ADAPTER in regulator valve | 2 |
| 823523 | | VALVE pressure regulator | 1 |
| 10902214 | | PIPE 1/4" nylon) | supplied |
| 10901872 | | NUT) Regulator valve | in feet |
| 10903422 | | NUT) to filter | 1 |
| 10902240 | | FERRULE) | 1 |
| 10903376 | | FILTER | 2 |
| 10904007 | | BRACKET filter | 1 |
| 10903918 | | PIPE 1/4" filter to fourway piece | 1 |
| 10903251 | | FOURWAY PIECE | 1 |
| 10902214 | | PIPE 1/4" nylon) | supplied |
| 10901872 | | NUT) Fourway piece to elbow | in feet |
| 10902240 | | FERRULE) in levelling valve | 1 |
| 10903382 | | VALVE levelling front | 2 |
| 10904467 | | ELBOW in levelling valve | 1 |
| 10902214 | | PIPE 1/4" nylon) | supplied |
| 10903422 | | NUT) Levelling valve | in feet |
| 10902240 | | FERRULE) to isolator valve | 2 |
| | | | 2 |

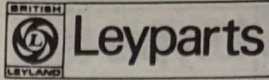
PA. 517
PL 106875



| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|--|-------------------|
| | 10903378 | VALVE isolator | 1 |
| | 10902214 | PIPE 1/4" nylon) | supplied |
| | |) Isolator valve to | in feet |
| | 10903422 | NUT) left hand bellows | 2 |
| | 10902240 | FERRULE) | 2 |
| | 10902214 | PIPE 1/4" nylon) | supplied |
| | |) Isolator valve to | in feet |
| | 10903422 | NUT) right hand bellows | 2 |
| | 10902240 | FERRULE) | 2 |
| | 10902214 | PIPE 1/4" nylon) | supplied |
| | |) Fourway to T-piece | in feet |
| | 10901872 | NUT) | 2 |
| | 10902240 | FERRULE) | 2 |
| | 10901878 | T-PIECE | 2 |
| | 10902214 | PIPE 1/4" nylon) | supplied |
| | |) T-piece to levelling | in feet |
| | 10901872 | NUT) valve left hand | 1 |
| | 10902240 | FERRULE) | 2 |
| | 10903422 | NUT) | 1 |
| | 10902214 | PIPE 1/4" nylon) | supplied |
| | |) T-piece to T-piece | in feet |
| | 10901872 | NUT) for Kysor take off | 2 |
| | 10902240 | FERRULE) | 2 |
| | 10902214 | PIPE 1/4" nylon) | supplied |
| | |) T-piece to levelling | in feet |
| | 10901872 | NUT) valve right hand | 1 |
| | 10902240 | FERRULE) | 2 |
| | 10903422 | NUT) | 1 |
| | 10903382 | VALVE levelling for rear | 2 |
| | 10902214 | PIPE 1/4" nylon) | supplied |
| | |) Levelling valves to bellows | in feet |
| | 10903422 | NUT) | 4 |
| | 10902240 | FERRULE) | 4 |
| | BH106071 | BOLT 6 mm) | 3 |
| | NH106041 | NUT) Control rod to | 3 |
| | WF600041 | WASHER 1/4" Shakeproof) levelling valve arm | 3 |

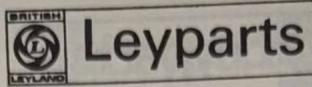
| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------|---|-------------------|
| 10901733 | | ROD control sub assembly rear levelling valves | 2 |
| 10901730 | | ROD | 2 |
| 10901731 | | HOUSING | 2 |
| 10901732 | | BUSH flexible | 2 |
| NH106041 | | NUT | 2 |
| 10901736 | | ROD control sub assembly front levelling valves | 1 |
| 10901737 | | ROD | 1 |
| 10901731 | | HOUSING | 1 |
| 10901732 | | BUSH flexible | 1 |
| NH106041 | | NUT | 1 |
| 10901621 | | BUSH rubber) | 6 |
| 10901622 | | SLEEVE) For control rods | 3 |
| 10901623 | | WASHER) | 6 |
| NH106041 | | NUT) | 6 |
| 10902002 | | CLIP pipe for 1/4" pipes | 17 |
| 10902286 | | BRACKET for pressure regulator valves | 1 |
| 10878724 | | CARRIER edge for 1/4" plastic clip | 1 |
| Z9/31328 | | CLIP double pipe 3/8" x 1/4" | 14 |
| Z8/31313 | | CLIP | 2 |
| SH108201 | | SCREW M8) | 2 |
| NH108041 | | NUT 8 mm) Regulator valves | 2 |
| WF600051 | | WASHER 5/16" Shakeproof) to bracket | 2 |
| BH108141 | | BOLT) | 6 |
| NH108041 | | NUT 8 mm) Levelling valve | 6 |
| WF600051 | | WASHER 5/16" Shakeproof) to frame | 6 |
| BH108101 | | BOLT 8 mm) | 2 |
| NH108041 | | NUT 8 mm) Isolator valve | 2 |
| WF600051 | | WASHER 5/16" Shakeproof) to frame | 2 |
| SH106121 | | SCREW M6) | 2 |
| NH106041 | | NUT) Filter bracket | 2 |
| WF600041 | | WASHER 1/4" Shakeproof) to channel | 2 |
| SH108251 | | SCREW M8) | 2 |
| NH108041 | | NUT 8 mm) Filter to bracket | 2 |
| WF600051 | | WASHER 5/16" Shakeproof) | 2 |

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| Illus. ref. | Part | Description | Quantity per unit |
|-------------|----------|-------------------------------|-------------------|
| | 5066/46 | RING) | 3 |
| | 10903422 | NUT) Fittings for 1/4" steel | 2 |
| | 10901872 | NUT) | 1 |
| | 561011 | VALVE pressure regulator) | 1 |
| | 10902233 | ADAPTER) For wipers supply | 1 |
| | 10903252 | NUT blank for Kysor shutter | 1 |

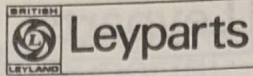
SILENCER & EXHAUST
SE. 295
PL 106784



| Quantity | Description | Part No. | Quantity | Unit |
|----------|--------------------------------------|----------|----------|------|
| 2 | SCREW M10 | 2511021 | 2 | EA |
| 2 | WASHER lock | W11000 | 2 | EA |
| 4 | PIPE - Exhaust for assembly of | 1003298 | 4 | EA |
| 1 | SHIELD - Heat shield for assembly of | 1003803 | 1 | EA |
| 2 | CLAMP | 252237 | 2 | EA |
| 4 | SILENCER | 1003800 | 4 | EA |
| 2 | STAP - sub assembly | 1003823 | 2 | EA |
| 6 | SHIELD - heat | 1003806 | 6 | EA |
| 7 | PIPE - Exhaust for assembly of | 1003298 | 7 | EA |
| 8 | SHIELD - Heat shield for assembly of | 1003803 | 8 | EA |
| 9 | CLAMP | 252237 | 9 | EA |
| 10 | SHIELD - Heat shield for assembly of | 1003803 | 10 | EA |
| 11 | SHIELD - Oil sub assembly | 1003808 | 11 | EA |
| 12 | BRACKET support | 1003231 | 12 | EA |
| 13 | SCREW | 2511021 | 13 | EA |
| 14 | WASHER lock | W11000 | 14 | EA |
| 15 | ELBOW to support bracket | 1003231 | 15 | EA |
| 16 | SCREW | 2511021 | 16 | EA |
| 17 | WASHER lock | W11000 | 17 | EA |
| 18 | NUT M10 | 1003231 | 18 | EA |
| 19 | CLIP pipe | 252238 | 19 | EA |
| 20 | BOLT M10 x 1.2 | 1003231 | 20 | EA |
| 21 | NUT M10 | 1003231 | 21 | EA |
| 22 | WASHER 3/8" Kolo | 1003231 | 22 | EA |
| 23 | SCREW M10 | 2511021 | 23 | EA |
| 24 | NUT M10 | 1003231 | 24 | EA |
| 25 | WASHER lock | W11000 | 25 | EA |
| 26 | SCREW M12 | 2511201 | 26 | EA |
| 27 | SETSCREW 12 mm | 2511201 | 27 | EA |
| 28 | NUT 12 mm x 1.25 | 1003231 | 28 | EA |
| 29 | BOLT M10 x 1.2 | 1003231 | 29 | EA |
| 30 | NUT M10 | 1003231 | 30 | EA |
| 31 | WASHER lock | W11000 | 31 | EA |
| 32 | SCREW M12 | 2511201 | 32 | EA |
| 33 | NUT M12 | 1003231 | 33 | EA |
| 34 | WASHER lock | W11000 | 34 | EA |

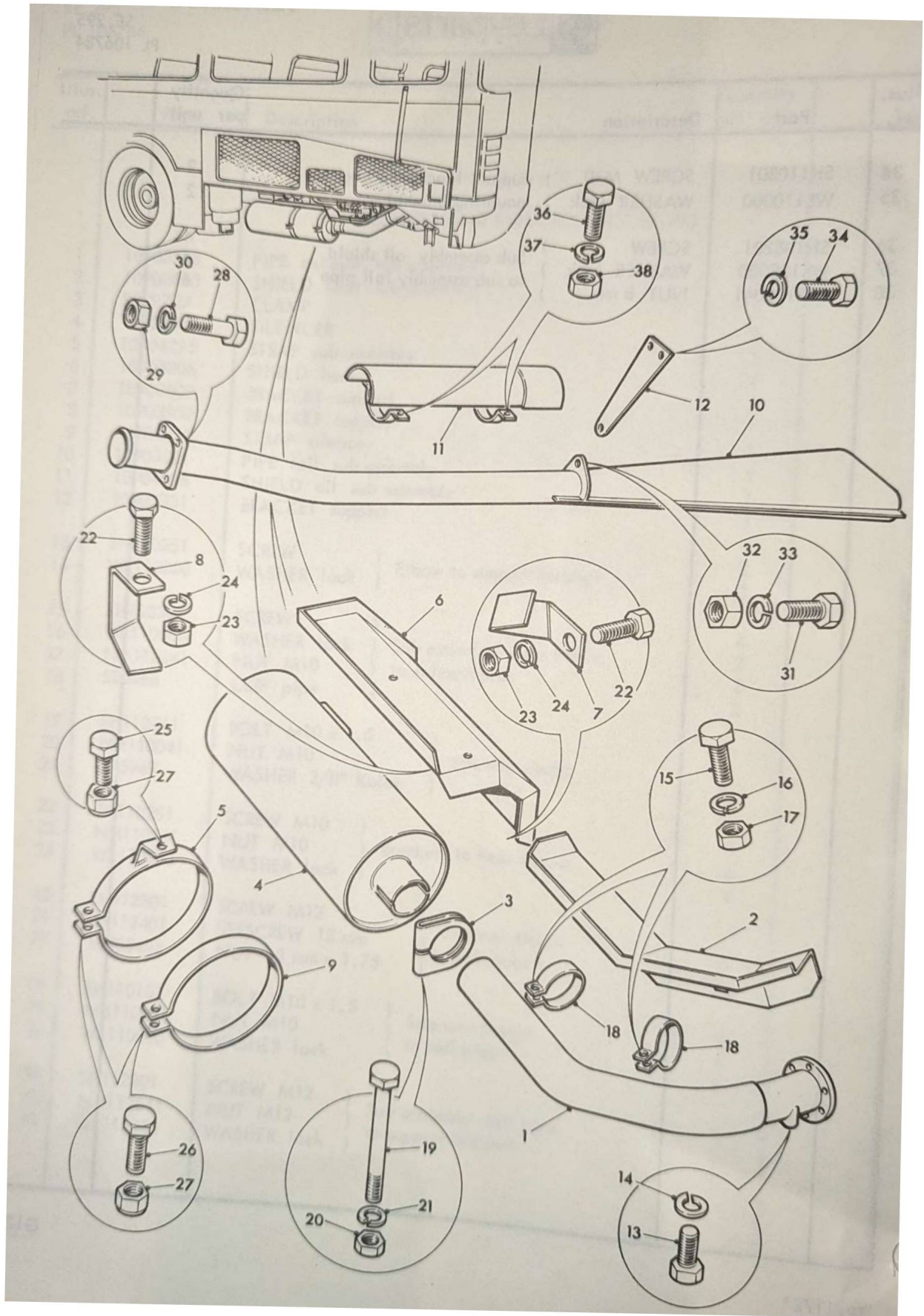
SILENCER & EXHAUST

SE. 295
PL 106784



| Illus. ref. | Part | Description | Quantity per unit |
|-----------------------------------|----------|--|-------------------|
| Sub Group G. 12 | | | |
| SILENCER AND EXHAUST UNIT SE. 295 | | | |
| 1 | 10903798 | PIPE exhaust sub assembly | 1 |
| 2 | 10903803 | SHIELD heat sub assembly | 1 |
| 3 | 9279Z27 | CLAMP | 1 |
| 4 | 10903800 | SILENCER | 1 |
| 5 | 10904295 | STRAP sub assembly | 1 |
| 6 | 10903806 | SHIELD heat | 1 |
| 7 | 10903809 | BRACKET support | 2 |
| 8 | 10903950 | BRACKET support | 1 |
| 9 | 10904296 | STRAP silencer | 1 |
| 10 | 10903801 | PIPE tail sub assembly | 1 |
| 11 | 10904098 | SHIELD oil sub assembly | 1 |
| 12 | 10903331 | BRACKET support | 1 |
| 13 | SH110251 | SCREW) | 2 |
| 14 | WL110000 | WASHER lock) Elbow to support bracket | 2 |
| 15 | SH110301 | SCREW) | 2 |
| 16 | WL110000 | WASHER lock) Sub assembly heat shield | 2 |
| 17 | NH110041 | NUT M10) to exhaust pipe | 2 |
| 18 | 520368 | CLIP pipe) | 2 |
| 19 | BH110241 | BOLT M10 x 1.5) | 1 |
| 20 | NH110041 | NUT M10) Silencer clamp | 1 |
| 21 | X75949 | WASHER 3/8" Kolok) | 1 |
| 22 | SH110251 | SCREW M10) | 4 |
| 23 | NH110041 | NUT M10) Brackets to heat shield | 4 |
| 24 | WL110000 | WASHER lock) | 4 |
| 25 | SH112301 | SCREW M12) | 1 |
| 26 | SH112401 | SETSCREW 12 mm) Silencer straps | 2 |
| 27 | 10803454 | NUT 12 mm x 1.75) and brackets | 3 |
| 28 | BH110101 | BOLT M10 x 1.5) | 4 |
| 29 | NH110041 | NUT M10) Silencer flange | 4 |
| 30 | WL110000 | WASHER lock) to tail pipe | 4 |
| 31 | SH112301 | SCREW M12) | 1 |
| 32 | NH112041 | NUT M12) Sub assembly tail pipe | 1 |
| 33 | WL112000 | WASHER lock) to support bracket | 1 |

| Illus. ref. | Part | Description | Quantity per unit |
|----------------|----------|---------------------------------------|----------------------|
| 34 | SH110301 | SCREW M10) Support bracket to engine | 2 |
| 35 | WL110000 | WASHER lock) mounting bracket | 2 |
| 36 | SH108201 | SCREW) | 4 |
| 37 | WL108000 | WASHER lock) Sub assembly oil shield | 4 |
| 38 | NH108041 | NUT 8 mm) to sub assembly tail pipe | 4 |

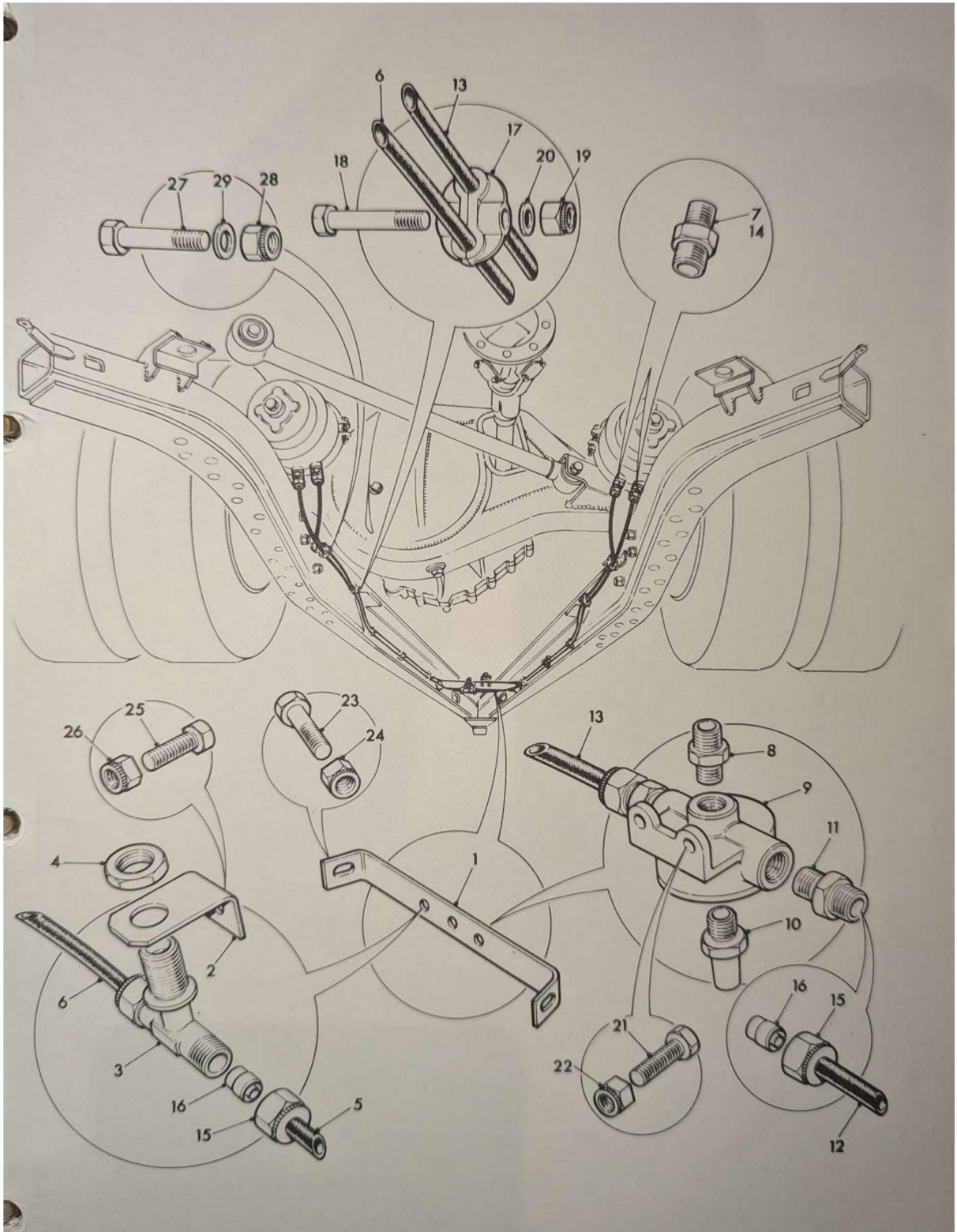


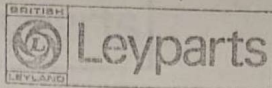


BRAKE PIPING

| Quantity per unit | Description | Part No. | Notes |
|-------------------|---|----------|------------------|
| 1 | BRACKET | 10902805 | |
| 2 | BRACKET | 10902787 | |
| 3 | WASHER | 10901543 | |
| 4 | LOCKNUT | 10901544 | |
| 3 | PIPE 3/8" nylon T-piece to service brake right hand side | 10902316 | supplied in test |
| 3 | PIPE 3/8" nylon T-piece to service brake left hand side | 10902316 | supplied in test |
| 7 | VALVE quick release | 308490 | |
| 8 | ADAPTER quick release valve delivery | 3084106 | |
| 9 | ELBOW 90° | 522621 | |
| 10 | ELBOW 90° | 10904715 | |
| 11 | ADAPTER quick release valve delivery | 308490 | |
| 12 | PIPE 3/8" nylon quick release valve to spring brake right hand side | 10902316 | supplied in test |
| 13 | PIPE 3/8" nylon quick release valve to spring brake left hand side | 10902316 | supplied in test |
| 14 | ADAPTER for spring brakes | 308490 | |
| 15 | NUT | 3086714 | |
| 16 | FERRULE | 10902330 | |
| 17 | CLIP pipe | 2573182 | |
| 18 | BOLT M8 | 2H108217 | |
| 19 | NUT Clevaloc | 10803452 | |
| 20 | WASHER 8mm plain | WA108021 | |
| 21 | SCREW | 2H108281 | |
| 22 | NUT Clevaloc | 10803452 | |
| 23 | BOLT | 2H108051 | |
| 24 | NUT Clevaloc | 10803452 | |
| 25 | SCREW 8 mm | 2H108201 | |
| 26 | NUT Clevaloc | 10803452 | |
| 27 | BOLT | 2H108101 | |
| 28 | NUT Clevaloc | 10803452 | |
| 29 | WASHER 8mm plain | WA108021 | |

| Illus. ref. | Part | Description | Quantity per unit |
|-------------------------|----------|---|----------------------------------|
| Sub Group G.26 | | | |
| BRAKE PIPING UNIT PB.60 | | | |
| 1 | 10902605 | BRACKET | 1 |
| 2 | 10902781 | BRACKET | 1 |
| 3 | 10901543 | T-PIECE | 1 |
| 4 | 10901544 | LOCKNUT | 1 |
| 5 | 10902216 | PIPE 3/8" nylon T-piece to service brake right hand side | supplied in feet |
| 6 | 10902216 | PIPE 3/8" nylon T-piece to service brake left hand side | supplied in feet |
| 7 | 5066/90 | ADAPTER for service brake left hand side and right hand side | 2 |
| 8 | 5066/106 | ADAPTER for quick release valve feed | 1 |
| 9 | 592621 | VALVE quick release | 1 |
| 10 | 10904715 | SILENCER for valve | 1 |
| 11 | 5066/90 | ADAPTER quick release valve delivery | 1 |
| 12 | 10902216 | PIPE 3/8" nylon quick release valve to spring brake right hand side | supplied in feet |
| 13 | 10902216 | PIPE 3/8" nylon quick release valve to spring brake left hand side | supplied in feet |
| 14 | 5066/90 | ADAPTER for spring brakes | 2 |
| 15 | 5066/114 | NUT | 8 |
| 16 | 10902230 | FERRULE | 8 |
| 17 | Z5/31385 | CLIP pipe | 20 |
| 18 | BH108111 | BOLT M8 |) Pipe clips to V-frame |
| 19 | 10803452 | NUT Cleveloc | |
| 20 | WA108051 | WASHER 5/16" plain | |
| 21 | SH108251 | SCREW |) Quick release valve to bracket |
| 22 | 10803452 | NUT Cleveloc | |
| 23 | BH108061 | BOLT |) Bracket to V-frame |
| 24 | 10803452 | NUT Cleveloc | |
| 25 | SH108201 | SETSCREW 8 mm x 16 |) Bracket to bracket |
| 26 | 10803452 | NUT Cleveloc | |
| 27 | BH108101 | BOLT |) Pipe clips to bracket |
| 28 | 10808452 | NUT Cleveloc | |
| 29 | WA108051 | WASHER 5/16" plain | |





AUTOMATIC CHANGE SPEED
CSA.36A 37A 40A
PL 301367

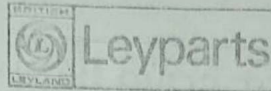
| Illus. ref. | Part | Description | Quantity per unit |
|---|----------|--|---------------------|
| Sub Group C.12 | | | |
| AUTOMATIC CHANGE SPEED UNIT CSA.36A 37A 40A | | | |
| | AAL0692 | UNIT electro pneumatic sub assembly | 1 |
| | CAL2666 | BOX terminal | 1 |
| | CAL2294 | CONNECTOR multi pin | 1 |
| | CAL2513 | PLUG | 1 |
| | CAL2514 | JOINT | 1 |
| | CAL2296 | JOINT multi pin | 1 |
| | T0867611 | SCREW 6 B.A. | 8 |
| | WM706001 | WASHER spring | 8 |
| | AAL0632 | UNIT electro pneumatic sub assembly | 1 |
| | AAL0631 | SWITCH air pressure sub assembly | 1 |
| | WAL0446 | BRACKET translator sub assembly | 1 |
| | CAL3673 | PAD vibration and noise | 1 |
| | WAL0445 | PLATE mounting sub assembly | 1 |
| | CAL2521 | BRACKET for air pressure switch | 1 |
| | AAL0630 | PANEL translator assembly | 1 |
| | AAL0717 | BOX translator sub assembly | 1 |
| | AAL0716 | CHASSIS sub assembly | 1 |
| | WAL0568 | COVER sub assembly | 1 |
| | WAL0567 | PLATE end sub assembly | 1 |
| | CAL3073 | DRI-PACK | 1 |
| | CAL2792 | SIDE PLATE | 2 |
| | FBK0017 | BUSH mounting | 3 |
| | SC104161 | SCREW |) Cover to box |
| | WL104001 | WASHER 4 mm lock | |
| | SC104081 | SCREW |) Chassis to box |
| | WL104001 | WASHER 4 mm lock | |
| | WA104000 | WASHER 4mm plain | 4 |
| | SC103051 | SCREW |) Side plate to box |
| | WL103001 | WASHER 3 mm lock | |
| | SC104161 | SCREW |) Side plate to box |
| | WL104001 | WASHER 4 mm lock | |
| | AAL0712 | SWITCH performance level assembly | 1 |
| | WAL0562 | PLUNGER and spring guides sub assembly | 1 |
| | WAL0561 | BASE plate sub assembly | 1 |
| | CAL2778 | HOUSING | 1 |
| | 800934 | O-RING | 1 |

TP/0675

Always quote Chassis No. when ordering parts

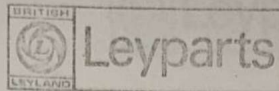
C12.1

CSA.36A 37A 40A
PL 301367



| Illus. ref. | Part | Description | Quantity per unit |
|----------------|------------|--|----------------------|
| | CAL3128 | GASKET | 1 |
| | CAL2774 | COVER | 1 |
| | CAL2767 | LOCKNUT | 1 |
| | CAL2772 | PLUG spring retaining small | 1 |
| | CAL2771 | PLUG spring retaining large | 1 |
| | CAL2776 | SPRING | 1 |
| | CAL2768 | PLUNGER | 1 |
| | CAL2765 | MICRO switch | 1 |
| | 9235Z3 | BALL | 1 |
| | CAL2775 | SPRING | 1 |
| | CAL2770 | CONNECTOR multi pin | 1 |
| | 10920135/1 | CABLE | 1 |
| | 10920135/2 | CABLE | 1 |
| | 10920135/3 | CABLE | 1 |
| | SC103061 | SCREW | 4 |
| | WL103001 | WASHER 3 mm lock | 4 |
| | |) Cover to housing | |
| | SC104101 | SCREW | 4 |
| | WL104001 | WASHER 4 mm lock | 4 |
| | |) Base plate sub) assembly to housing | |
| | SH103101 | NUT 3 mm | 4 |
| | NH103041 | WASHER 3 mm lock | 4 |
| | SH103301 | SCREW 3 mm | 4 |
| | |) Multi pin connector) to housing | |
| | NH103041 | NUT 3 mm | 2 |
| | WL103001 | WASHER 3 mm lock | 2 |
| | SH103301 | SCREW 3 mm | 2 |
| | |) Micro switch to base) plate sub assembly | |
| | 10904466 | VALVE unit electro pneumatic 1 way | 1 |
| | CAL2523 | SELECTOR gear | 1 |
| | 10919596 | HEAD perception | 1 |
| | CAL2519 | PLATE mounting for electro pneumatic valve | 1 |
| | CAL3047 | LABEL | 1 |
| | CAL3048 | LABEL | 1 |
| | CAL2529 | TUBE guide | 1 |
| | CAL2530 | ROD control | 1 |
| | 513856 | JAW END | 1 |
| | NT605041 | NUT thin 5/16" UNF | 1 |
| | 519587 | PIN | 1 |
| | PS606060 | SPLIT PIN | 1 |
| | CAL2528 | ELBOW 1/8" x 3/8" B.S.P. | 1 |
| | CAL2527 | ADAPTER | 1 |
| | CAL2526 | PLUG | 1 |
| | |) For electro) pneumatic valve | |

CSA.36A 37A 40A
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| Illus. ref. | Part | Description | Quantity per unit |
|--------------------------------------|---------|---|-------------------|
| CABLE ASSEMBLIES CSA.36A ONLY | | | |
| | WAL0447 | CABLE assembly translator panel to electro pneumatic unit | 1 |
| | WAL1968 | CABLE assembly translator panel to gear selector | 1 |
| | WAL0449 | CABLE assembly translator panel to signal generator | 1 |
| | WAL0450 | CABLE assembly translator panel to terminal block | 1 |
| | WAL1965 | CABLE assembly terminal block to performance level switch | 1 |
| | WAL0452 | CABLE assembly terminal block to low air pressure switch | 1 |
| | WAL1963 | CABLE assembly terminal block to rear terminal block | 1 |
| | WAL0454 | CABLE assembly electro pneumatic unit to electro pneumatic unit | 1 |
| CABLE ASSEMBLIES CSA.37A ONLY | | | |
| | WAL0447 | CABLE assembly translator panel to electro pneumatic unit | 1 |
| | WAL0448 | CABLE assembly translator panel to gear selector | 1 |
| | WAL0449 | CABLE assembly translator panel to signal generator | 1 |
| | WAL0450 | CABLE assembly translator panel to terminal block | 1 |
| | WAL1966 | CABLE assembly terminal block to performance level switch | 1 |
| | WAL0452 | CABLE assembly terminal block to low air pressure switch | 1 |
| | WAL1963 | CABLE assembly terminal block to rear terminal block | 1 |
| | WAL0454 | CABLE assembly electro pneumatic unit to electro pneumatic unit | 1 |
| CABLE ASSEMBLIES CSA.40A ONLY | | | |
| | WAL1647 | CABLE assembly translator panel to electro pneumatic unit | 1 |
| | WAL1967 | CABLE assembly translator panel to gear selector | 1 |
| | WAL0449 | CABLE assembly translator panel to signal generator | 1 |
| | WAL0531 | CABLE assembly translator panel to terminal block | 1 |
| | WAL1966 | CABLE assembly terminal block to performance level switch | 1 |
| | WAL0452 | CABLE assembly terminal block to low air pressure switch | 1 |
| | WAL1964 | CABLE assembly terminal block to rear terminal block | 1 |
| | WAL0454 | CABLE assembly electro pneumatic unit to electro pneumatic unit | 1 |



Leyparts

AUTOMATIC CHANGE SPEED
CSA.36A 37A 40A
PL 301367

| Illus. ref. | Part | Description | Quantity per unit |
|-------------|------------------------|-----------------------------------|-------------------|
| 5066/137 | T-PIECE |) Air pressure switch | 1 |
| 146855 | WASHER | | 1 |
| 10866092 | NOZZLE and nut | | 2 |
| 10865706 | HOSE flexible | | 1 |
| CJ600144 | CLIP hose | | 2 |
| 50956537 | SHIM | | 1 |
| 50956639 | SHIM | | 1 |
| 10903943/9 | PLUG |) | 1 |
| 10903945/1 | PIN |) For gear selector | 1 |
| 10903946/1 | SOCKET |) | 1 |
| 10903943/2 | PLUG | for terminal block | 1 |
| NH605041 | NUT 5/16" UNF |) For perception head | 2 |
| WL600051 | WASHER 5/16" lock | | 2 |
| BH110111 | BOLT 10 mm |) Mounting plate and | 3 |
| NH110041 | NUT 10 mm |) electro pneumatic | 3 |
| WF600061 | WASHER 3/8" Shakeproof |) unit to frame | 3 |
| BH110121 | BOLT 10 mm |) Electro pneumatic | 2 |
| NH110041 | NUT 10 mm |) unit to mounting | 2 |
| WF600061 | WASHER 3/8" Shakeproof |) plate | 2 |
| SH106121 | SCREW 6 mm |) Bracket to mounting plate | 2 |
| NH106041 | NUT 6 mm | | 2 |
| WL600041 | WASHER 1/4" lock | | 2 |
| BH108061 | BOLT 8 mm |) For performance level switch | 2 |
| NH108041 | NUT 8 mm | | 2 |
| WL108001 | WASHER 8 mm lock | | 2 |
| BH108061 | BOLT 8 mm | for translator panel | 3 |
| SP105121 | SCREW |) Electro pneumatic | 2 |
| WL105001 | WASHER 5 mm spring |) valve to bracket | 2 |
| SH106101 | SCREW 6 mm |) Translator bracket to body | 4 |
| NH106041 | NUT 6 mm | | 4 |
| WE106001 | WASHER 6 mm Shakeproof | | 4 |