

SERVICE INFORMATION

LAND-ROVER PETROL AND DIESEL MODELS



Vol. 1 No. 11

Rover
British Leyland UK Limited
Solihull, Warwickshire, England

January, 1973

The headings in this index are in the same sequence as the divisions in the Repair Operation Manual. Under these headings each item is detailed alphabetically with the appropriate manual section or division number for easy reference. The last two columns indicate numerically, the individual items covered and the issue in which they appeared.

INDEX Vol. 1 Nos. 10 and 11

Description	Manual Section or Division	Model	Issue No.	Item No.
ENGINE	A2	Series IIA	11	44
Engines	12	Series III	11	44
COOLING SYSTEM				
Cooling system	26	Series III	10	39
MANIFOLD AND EXHAUST SYSTEM				
Inlet manifold	30	Series III diesel with servo-assisted brakes	10	40
FRONT SUSPENSION				
Distance piece for inner hub bearing	F 60	Series IIA Series III	10 10	41 41
REAR SUSPENSION				
Distance piece for inner hub bearing	E 64	Series IIA Series III	10 10	41 41
BODY				
Windscreen pivot arm	76	Series III	10	42
ELECTRICAL				
Parking lights	N 86	Series IIA Series III	10 10	42A 42A
OPTIONAL EQUIPMENT				
Auxiliary battery charging conversion kit	90	Series III 88 in. and 109 in.	10	43
Oil pressure gauge kit	90	Series III 2½ litre	11	45
SERVICE TOOLS				
Service tool adaptor kit	2	All	11	46
Service tool for gearbox mainshaft nut	2	All	11	47
MISCELLANEOUS				
E C A procedure (UK)	—	All	10	38A

* Item contains suffix letter change.

Policy items printed in bold type.

Item 44**SUBJECT: ENGINES****MODELS:** Land-Rover 2½ diesel, series IIA and III.**MODIFICATION:** Land-Rover 2½ diesel engines are now supplied less a number of ancillary items to enable a common replacement engine to be used for Series IIA from suffix K onwards and all Series III models.

PCMI

TRANSPARENCY: The information detailed in this item will be incorporated in the next available transparency.**LITERATURE****AFFECTED:** Land-Rover Series IIA Parts Catalogue, Part No. 608024, page 02.66.
Land-Rover Series III Parts Catalogue Supplement, Part No. 608049, page 14.52.**PART NUMBERS:** Engine assembly, 2½ diesel—new 1 608227 } Series IIA from suffix K
Engine assembly, 2½ diesel—rebuilt 1 608228 } onwards. All Series III**REMARKS:** The latest engines are less the following equipment:Inlet manifold
Exhaust manifold
Starter motor
Alternator/dynamo
Fan belt
Oil filter
Oil pressure switch

This reduces the number of engines required for replacement purposes from five to one.

Provided the ancillary equipment is changed from the original to the replacement engine the latest engine can be used in lieu of the part numbers shown below:

Engine replaces	New	Re-built
Series IIA diesel	605654	605655
Series IIA diesel, 'Prestolite' alternator	605727	605728
Series IIA diesel, 'Lucas' IAC alternator	606082	606985
Series III diesel	607310	607311

Item 45**SUBJECT: OIL PRESSURE GAUGE KIT****MODELS:** Land-Rover series III 2½ litre petrol and diesel.**PART NUMBERS:** Oil pressure gauge kit assembly 1 607700**IDENTIFICATION:** Correct oil pressure gauge (Smiths BP 2208/01, 12 volt rating) 1 589137**REMARKS:** It has come to our notice that a small number of the above kits has been supplied with an incorrect oil pressure gauge, Part No. 545049 (Smiths PE 2300/00) which is not compatible with the transmitter.

This results in less than half of the correct oil pressure being indicated by the instrument.

In the circumstances, Distributors and Dealers are asked to check any stock they may have of the above kit and exchange, through the Parts Department at Cardiff, any incorrect gauges for the specified type, Part No. 589137. If a gauge has already been used and found incorrect a new one should be ordered from the Parts Department at Cardiff, the used gauge being returned to Solihull under normal Warranty Claim procedure.

NOTE: The re-printed version of Fitting Instructions No. 607701, Issue 2, August, 1972 showing revised transmitter fitting and oil pressure gauge wiring connection should be used with these kits. This also applies to kit 607702 for 2.6 litre petrol models. Copies of this fitting instruction are obtainable from the Technical Service Department at Solihull.

Item 46

SUBJECT: SERVICE TOOL ADAPTOR KIT

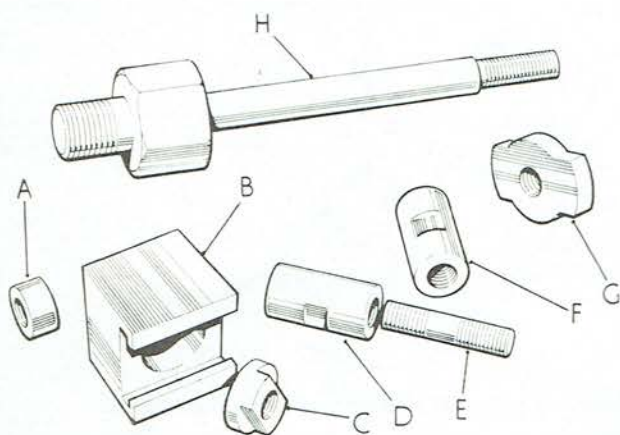
MODIFICATION: Introduction of an adaptor kit to suit impulse tool 18G284, to aid commonisation. The kit also provides all the adaptors previously included with impulse tool 530101.

MODELS: All Land-Rover.

LITERATURE AFFECTED: Land-Rover Series II and IIA Workshop Manual, Part 1, English, Part No. 606407, Sections A1, A2, and A3.
 Land-Rover Series II and IIA Workshop Manual, Part 2, English, Part No. 606408, Section Z.
 Land-Rover Series III Repair Operation Manual, English, Part No. 607314, Divisions 12 and 99.

PART NUMBER: Impulse tool kit and adaptors 1 530101A

REMARKS: When stocks of the earlier impulse tool and adaptor kit 530101 are exhausted only the above listed tool kit 530101A will be stocked. The kit is for use with the current impulse tool 18G284 which, if not held, must be ordered separately.



2RC 541

Fig. 1 Impulse tool kit 530101A

- A—Adaptor for small gudgeon pin
- B—Shaft extractor claw
- C—Adaptor for large gudgeon pin
- D—Adaptor for big-end bolts
- E—Adaptor for camshaft removal
- F—Adaptor for big-end bearings
- G—Tappet extractor
- H—Adaptor to fit impulse tool 18G284

Distributors and Dealers are requested to mark up their Series II and IIA Service Literature in accordance with the above information. The Series III Repair Operation Manual will be revised accordingly at the next available revision.

Service Tools are supplied by:

V. L. Churchill & Co. Ltd.,
 P.O. Box No. 3,
 London Road,
 Daventry,
 NORTHANTS,
 NN11 4NF.

Item 47

SUBJECT: SERVICE TOOL FOR GEARBOX MAINSHAFT NUT

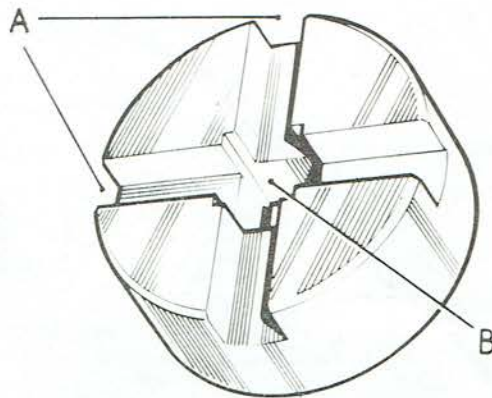
MODELS: All Land-Rover.

MODIFICATION: Introduction of a torque spanner adaptor for use with the existing box spanner, Part No. 600300, for the gearbox mainshaft nut.

LITERATURE AFFECTED: Land-Rover Series II and IIA Workshop Manual, English, Part No. 606407, Operation C1-22.
Land-Rover Series III Repair Operation Manual, English, Part No. 607314, Operation 37.20.25.

PART NUMBER: Torque spanner adaptor for mainshaft nut spanner 1 RO 1013

REMARKS: The current gearbox build specification requires the special nut Part No. 217477 at the transfer gear end of the gearbox mainshaft to be tightened to 12,5 kgf.m (90 lbf.ft.) prior to turning up the lockwasher. The above listed adaptor is now available for this purpose and is designed to fit on the end of the existing mainshaft nut spanner Part No. 600300. It is recommended that this torque loading be applied on earlier, as well as later, gearboxes during the applicable overhaul procedure.



2RC 322

Fig. 2 Torque spanner adaptor RO 1013 for mainshaft nut spanner

A—Castellations to fit spanner 600300
B—12,7 mm (0.500 in.) square for torque spanner