



Service Department:

THE ROVER COMPANY LIMITED

By Appointment to
Her Majesty
Queen Elizabeth II



Manufacturers
of Motor Cars and
Land-Rovers

SOLIHULL
WARWICKSHIRE
ENGLAND

LAND-ROVER SERVICE NEWS LETTER Vol. 2 No. 27

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Item 117 SUBJECT: FROST PRECAUTIONS (Policy Item)

MODELS: All Land-Rovers.

REMARKS: To provide a permanent record of our circular letter dated October 24th 1967, reference TS/MB/DS, we are repeating its contents below as applicable to the Land-Rover. In addition to the anti-freeze solutions approved in our letter, Rover approval is now given from the following:

- Castrol anti-freeze.
- Mobil Permazone.

ANTI-FREEZE

It appears from queries which have been raised by Distributors and Dealers that some confusion exists regarding the suitability of anti-freeze manufactured by Smiths Industries Limited for use in Rover cars. To some extent this results from the Campaign Action taken earlier this year when we issued instructions for the cooling systems on certain cars to be flushed—our circular letter of 12th June, reference AVH/MR/EH refers.

In an endeavour to clarify the situation, we have recently had discussions with Smiths Industries Limited, and are now able to advise you as follows:

Super Bluecol has now been modified to conform to British Standard No. 3152, and is being used in the cooling systems of Rover 2000 cars and Land-Rovers despatched from the Factory during this winter. Supplies of Super Bluecol are available from our Parts Department as detailed below.

| | | | |
|------------------------------|---------|----------|--------|
| Super Bluecol, quart tin | | as reqd. | 605532 |
| Super Bluecol, gallon tin | | as reqd. | 605533 |
| Super Bluecol, 5 gallon drum | | as reqd. | 605534 |

Super Bluecol to British Standard No. 3152 is marketed in containers which do **not** have the inscription 'suitable for all engines' printed on the container.

In addition, approval has also been given to anti-freeze solutions conforming to British Standard No. 3151.

Other suitable anti-freeze solutions which meet either British Standard are listed below:

| | | |
|----------------------|---------|------------------------|
| BP | | BP Anti-Frost |
| Castrol | | Castrol Anti-Freeze |
| Duckham's | | 'Standard' Anti-Freeze |
| Esso | | Esso Anti-Freeze. |
| Mobil | | Mobil Permazone |
| Regent Texaco/Caltex | | PT Antifreeze |
| Shell | | Shell Anti-Freeze |

Item 118 SUBJECT: CARBURETTER

MODELS: Land-Rover 2.6 litre 6 cylinder with SU carburetter.

MODIFICATION: Introduction of new jet needle securing screw suitable for all SU carburetters.

LITERATURE AFFECTED: Cumulative Amendment No. 4 to Land-Rover Parts Catalogue, Part No. 4656, Page 477.

PART NUMBER: Jet needle securing screw SU AUC 2057 1 605865

REMARKS: A few cases have occurred, where the jet needle has become detached due to insufficient retention by the securing screw.

To prevent this, it is essential that the securing screw is replaced on each removal. This is necessary due to the design of the securing screw which has a cruciform locking notch on the end contacting the needle. This locking notch is only effective for one application.

When the stocks of the current securing screws are exhausted, the latest screw will be supplied for all service replacements.

Item 119 SUBJECT: **CLUTCH**

MODELS: Land-Rover, Bonneted and Forward Control, 2½ litre Diesel.

MODIFICATION: Introduction of 9½" diameter diaphragm spring type clutch as standard equipment.

LITERATURE AFFECTED: This information is already incorporated in Cumulative Amendment No. 4 to the Land-Rover Parts Catalogue, Part No. 4656, page 161 and in the Land-Rover Forward Control Parts Catalogue, Part No. 4862, page 49.

PART NUMBERS: Flywheel assembly 1 546518
Clutch assembly, BB75302/11 1 540700
Clutch plate complete, BB51226/12 1 539827
Lining package for clutch plate, SSC75073 1 600388

COMMENCING NUMBERS: Land-Rover Bonneted Control models, from suffix letter 'J' onwards.
All Series IIB Forward Control models.

REMARKS: Full details of this type of clutch, together with its advantages, were given in Land-Rover Service News Letter, Vol. 1, No. 32, item 156.

The 9½ in. diameter diaphragm clutch is also available as optional equipment on Land-Rover 2½ litre petrol Bonneted Control models, when required on a new vehicle quote E1323 on the order.

Alternatively, existing vehicles can be modified by fitting the appropriate part listed in Land-Rover Service News Letter Vol. 1 No. 49, item 245.

Item 120 SUBJECT: **GEARBOX**

MODEL: Land-Rover

MODIFICATION: Introduction of modified reverse wheel assembly to improve lubrication.

LITERATURE AFFECTED: Land-Rover Parts Catalogue, Bonneted Control, Series II and IIA, Part No. 4656, page 171.
Land-Rover Parts Catalogue, Forward Control, Series IIA and IIB, Part No. 4862, page 139.

PART NUMBERS: Reverse wheel assembly 1 561960
Bush for reverse wheel (part of 561960) 1 561954
Shaft for reverse wheel 1 561962

REMARKS: The above parts have been introduced to prevent a tendency for the reverse wheel to seize up, if reverse gear is engaged for prolonged periods.

The modified bush has an internal annular groove and the shaft for reverse wheel is slightly reduced in diameter. A hole is also added to the shaft which lines up with the groove in the bush to maintain adequate lubrication.

The new parts are interchangeable with the previous items as a set only.

Ultimately the modified parts will be supplied for all Service replacements.

Item 121 SUBJECT: **FRONT WINCH**

MODELS: Land-Rovers with MK II front winch.

MODIFICATION: Introduction of black PVC cover with 'Land-Rover' emblem as optional equipment, for the MK II hydraulic winch.

LITERATURE AFFECTED: Cumulative amendment No. 2 to Optional Equipment, Parts Catalogue, Part No. 605159.

PART NUMBERS: PVC cover for MK II hydraulic front winch 1 320630

REMARKS: The above optional equipment is now available from our Parts Department.

Item 122 SUBJECT: **WORKSHOP TOOLS**

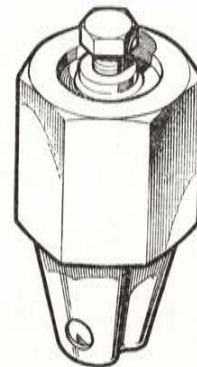
MODELS: All Land-Rovers.

MODIFICATION: Introduction of workshop tool for removal of cylinder block immersion heater plug.

LITERATURE AFFECTED: Workshop Tool Book, Part No. 4375, Page Nos. 15 and 23.

PART NUMBER Removal tool for cylinder block immersion heater plug 1 605052

REMARKS: The above tool is essential for the removal of the cylinder block immersion heater plug. Supplies are now available from our Parts Department.
 To remove immersion heater plug, insert tool in plug recess. Tighten centre bolt until plungers are in plug. Remove the immersion heater plug by unscrewing using the large hexagon of the tool. Detach tool from plug by slackening off centre bolt.



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Fig. 1. Removal tool for cylinder block immersion heater plug