

Rover Service News Letter No. 97

November, 1958.

TO ALL DISTRIBUTORS AND DEALERS

Dear Sirs,

During the past month the following changes and developments have taken place.

With this issue we are also including copies of Cumulative Supplement No. 6 to the Master Parts Price List and an Index covering the items circulated in Rover Service News Letters Nos. 93-96 inclusive.

SECTION I

POLICY

Item 446 SUBJECT: LAND-ROVER PAINT SPRAY
MODELS: 1948-59 Land-Rover.
REMARKS: Full details of the Land-Rover Aerosol Paint Spray will be found under Item 449 in this News Letter. This is of particular interest.

SECTION II

WORKSHOP AND PARTS INFORMATION

Item 447 SUBJECT: TAPPET, ROLLER FOLLOWER, TAPPET GUIDE AND SET BOLT
MODELS: 1958 Land-Rover Diesel and 2¼ litre Petrol.
MODIFICATION: Introduction of bolt with diameter of location peg increased, and diameter of hole in tappet guide increased to suit; the overall length of the tappet has been reduced to prevent a foul on the larger diameter location peg; the roller retaining pin is no longer used. The cylinder block has also been modified to suit the new bolt.
PART NUMBERS: TAPPET, ROLLER FOLLOWER, TAPPET GUIDE AND
SET BOLT ASSEMBLY 8 507829
Tappet 8 507026
COMMENCING NUMBERS: Engines numbered:
88 Diesel models from 146801106 onwards
109 Diesel models from 156800689 onwards
2¼ litre Petrol models from 151900116 onwards

REMARKS: Tappets, roller followers, tappet guides and set bolts will in future be supplied in kits under Part No. 507829. The only part that will be supplied as an individual item is the latest type tappet, this can be used as a replacement on any earlier Diesel or 2¼ litre model.

When the complete kit is used the following VERY IMPORTANT POINT MUST be observed.

All the parts in each kit must be fitted as a set. Under no circumstances should an individual item be used as a replacement.

Failure to carry out the above instructions, or the indiscriminate fitting of parts from one engine to another, can result in serious damage to the engine for the reasons given below:

(a) Bolt with small locating peg fitted to guide with large hole resulting in excessive movement of the guide.

- (b) Bolt with large locating peg fitted to early block in outer positions, with either small or large hole-type guides; in this case only the tip of locating peg enters the guide, again giving rise to excessive movement.
- (c) Early tappet fitted to latest type cylinder block, using bolt with large locating peg; under certain conditions this can result in the tappet fouling the end of the bolt.

Tappet guide, to remove: with cylinder head removed and push rods withdrawn

- (a) Cut locking wire and remove tappet guide locating bolt and washer.
- (b) Withdraw tappet.
- (c) With a piece of bent wire attempt to remove the roller. If the unit is the latest type with no retaining pin the roller can easily be withdrawn, then remove the tappet guide, using tool Part No. 274397 if necessary. If the roller cannot be withdrawn it must be assumed that the unit is the early type with roller retaining pin and the guide and roller can be removed together, again using tool Part No. 274397 if necessary.

Tappet guide, to fit:

- (a) Before fitting the tappet assembly into the block, thoroughly clean all parts and check that the tappet will move freely in the tappet guide when held in the hand and shaken up and down.
- (b) Fit tappet guides into the cylinder block, ensuring that the locating hole lines up with the hole in the cylinder block.
The tappet guides must not be too tight in the block or they may be damaged by insertion of the locating screw in cases where they are not properly aligned.
- (c) Gently insert the roller into the guide. Do not drop the roller, as it is easily damaged.
- (d) Fit tappet into the guide and locate on to the roller. The tappet is marked "FRONT" and MUST be facing the front of the guide.
- (e) Fit the tappet locating screws and washers; the locating screws must be screwed up with the fingers and then tightened; if they are not free, remove and investigate reason.
- (f) Lock the locating screws in pairs, using 20 s.w.g. iron wire.

Item 448 SUBJECT: WATER PUMP AND FRONT COVER

MODELS: 1959 Diesel and 2½ litre Petrol.

MODIFICATION: Introduction of cast iron housings, replacing aluminium to prevent possibility of corrosion.

PART NUMBERS:

WATER PUMP ASSEMBLY	.....	.....	.....	.....	1	501041
Water pump casing	.....	.....	.....	.....	1	501039
FRONT COVER ASSEMBLY	.....	.....	.....	.....	1	501040

COMMENCING NUMBERS:

Engines numbered:
 2½ litre Petrol models from 151900985 onwards
 88 Diesel models from 146900151 onwards
 109 Diesel models from 156900084 onwards

REMARKS: Early and late type water pump and front cover are completely interchangeable.

Item 449 SUBJECT: LAND-ROVER PAINT SPRAY

MODELS: 1948-59 Land-Rover

PART NUMBERS:	Bronze Green	.....	.....	.....	.....	.....	.....	.....	507821
	Sand	.....	.....	.....	.....	.....	.....	.....	507822
	Limestone	.....	.....	.....	.....	.....	.....	.....	507823
	Light Green	.....	.....	.....	.....	.....	.....	.....	507824
	Marine Blue	.....	.....	.....	.....	.....	.....	.....	507825
	Mid-Grey	.....	.....	.....	.....	.....	.....	.....	507826
	Dark Grey	.....	.....	.....	.....	.....	.....	.....	507827
	Red	.....	.....	.....	.....	.....	.....	.....	507828

REMARKS: A leaflet giving details of the Land-Rover Aerosol Paint Spray will be found with this News Letter. This is a new service for you and Land-Rover owners, and further copies of the leaflet for distribution and display, as required, can be obtained from the Rover Co. Ltd. Technical Service Department. They are available in the following languages: English Part No. 4252, French Part No. 4253, German Part No. 4254, Spanish Part No. 4255 and Portuguese Part No. 4256.

The Land-Rover Aerosol Paint Spray provides a simple and efficient method of spraying over large or small areas of scratched paintwork.

Operating instructions will be found on the tin.

Precautions

1. Do not store in direct sunlight or on radiators, hot stoves, etc., or at temperatures over 110F;
2. Never spray near a naked flame or in a small completely enclosed space.
3. When empty do not puncture or dispose of dispenser by incineration.

Storage

Stock must be rotated and tins must be stored in a horizontal position.

Despatch arrangements

As paint is of an inflammable nature, paint spray tins must be packed separately from other spare parts, and special stowage arrangements have to be made when shipping these items overseas or when supplying by goods train in the British Isles.

Existing postal regulations do not permit inflammable parts being despatched by air or parcel post.

In view of the above arrangements, a box of six tins will be the minimum quantity of any one colour that can be supplied. Note that the part numbers listed above represent one tin.

Yours faithfully,

for THE ROVER COMPANY LIMITED,

M. Brewer.

Publications Editor,
Technical Service Department.