

Rover Service News Letter No. 44

31st May, 1954.

TO ALL DISTRIBUTORS AND DEALERS

LAND-ROVER

Item 41 SWIVEL PIN
1954 LAND-ROVER

As detailed in Item 17, Rover Service News Letter No. 41, a rectangular section spring for swivel pin, Part No. 242742, is now being fitted on the 1954 Land-Rover.

The characteristics of this rectangular spring are quite different from the round section spring previously used and it will be found that the method of fitting shims, as detailed in our Workshop Manuals, no longer applies when this type of spring is used as a replacement.

Procedure when fitting rectangular section swivel pin springs in 1950 models from Axles numbered 06113205 R.H.D. and 06113116 L.H.D., and all 1951-54 models inclusive:

- (a) Replace the swivel pin and bracket at the bottom of the swivel pin housing using shims to a value of .040" (1,00 mm).
- (b) Insert the cone spring in the top bearing.
- (c) Fit the swivel pin and steering lever at the top of the swivel pin housing again using shims to a value of .040" (1,00 mm) **irrespective of the size of the gap.**

Note. 1. With the rectangular spring there will be a gap of approximately $\frac{1}{8}$ " (3 mm) between the swivel pin lever and the swivel pin housing.

Note 2. The double steering lever is fitted to the L.H. side on R.H.D. vehicles and to the R.H. side on L.H.D. vehicles.

- (d) Pull down the top swivel pin securing nuts evenly in rotation until they are **tight**.
- (e) When checked with a spring balance, at the track rod hole in lever, the resistance to rotation should be 14-16 lbs. (6,25—7,25 kg.). If the reading is greatly in excess of this figure add further shims at top and bottom until a reading of 14-16 lbs. (6,25—7,25 kg.) is obtained.

Note.—The bearing setting with the rectangular section spring is not as critical as with the previous round section spring, and it is unlikely that the spring will become coil-bound when shimmed as detailed above.

Item 42 BRAKES. 1954
LAND-ROVER 107

Larger diameter brakes (2 $\frac{1}{4}$ " x 11") have been fitted to the Land-Rover 107 only from Vehicles numbered 47200228 (and two earlier 47200217 and 47200222), 47230697 (and ten earlier 47230655-658, 47230662, 47230679-683), 47260898, 47730049 and 47760145 onwards.

This modification affects all the wheel brakes, master cylinder and their component parts, front and rear axle assemblies and the chassis frame.

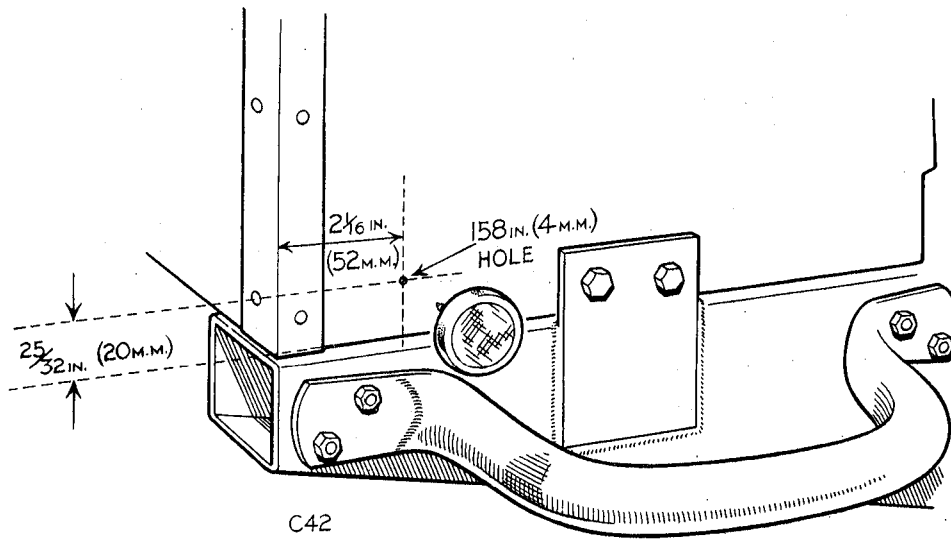
Details of the new part numbers concerned have been circulated in Amendment No. 2 to the 1954 Land-Rover Spare Parts Catalogue issued in May, 1954.

Please note that the latest type of Girling Crimson Brake Fluid WL.V. 23 must be used with the 11" brakes.

The maximum approved pay load on the 107 with 11" brakes is 1,500 lbs. (678 kg.)

**Item 43 RED REFLECTORS
1948-54 LAND-ROVER
HOME MODELS**

From October 1st, 1954, two Red Reflectors must be fitted to the rear of all vehicles as detailed under the 1953 Road Transport Lighting Act. Suitable reflectors, complete with drive screws, for the Land-Rover can be obtained from our Spares Department under Part No. 240542. These are required at two per vehicle and should be fitted as detailed in the sketch below.



C42

Fitting red reflector.

ROVER "60", "75" and "90"

**Item 44 HAND-BRAKE, 1954
"60", "75" and "90"**

A chromium plated hand-brake lever has been introduced from Cars numbered "60": 43301449, 43330022, 433660019, 43630001 and 43660013 onwards. "75": 44302460, 44330616, 44360469, 44730001 and 44760017 onwards. "90": 45301301, 45330405, 45360946, 45830001 and 45860017 onwards.

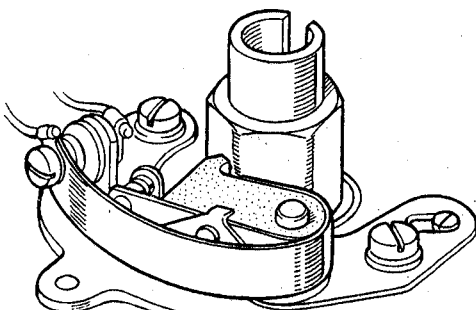
Early and late type hand-brakes are completely interchangeable, only the chromium plated type will be supplied for Service replacements.

The complete hand-brake assembly retains the original Part No. i.e. 241777 R.H.D. and 241778 L.H.D. The lever only can be obtained under Part No. 246687.

**Item 45 DISTRIBUTOR
1952 "75"**

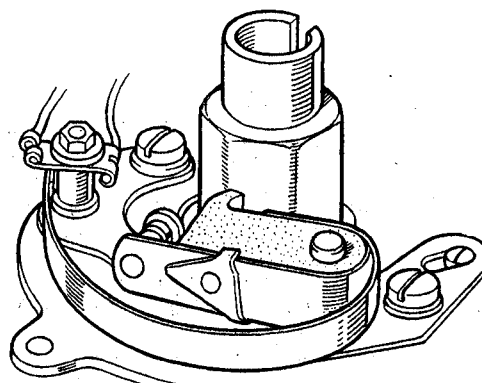
During the 1952 Season there was a change on the Contact points for Distributor, Part No. 237705, which is used on late 1951 models and all 1952-54 "75" models.

No definite commencing number can be given for this change, however the type of Contact points required can be easily identified as shown in the sketch below.



C43.

Part No. 262705
used on early models



C44.

Part No. 245858
used on late models

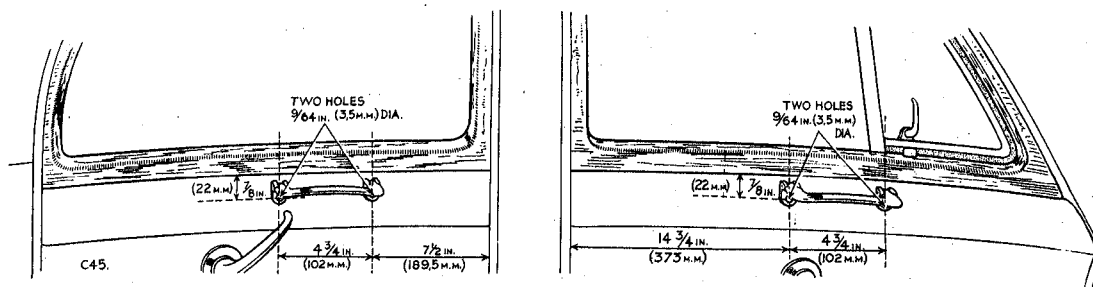
**Item 46. DOORS. 1954
"60", "75" and "90"**

Chromium plated door pull handles have been fitted to both front and rear doors from Cars numbered "60": 43301480, 43330022, 43360021, 43630001 and 43660021 onwards. "75": 44302460, 44330616, 44360469, 44730001 and 44760017 onwards. "90": 45301473, 45330447, 45361001, 45830001 and 45860017 onwards.

The new items can be obtained from our Spares Department under the Part Nos. listed below:—

Pull handle for door	4	313783
Drive screw fixing handle	8	313785

A complete kit of parts to enable earlier 1954 Cars and 1950-53 models to be modified is also available under Part No. 314184. The pull handles can be easily fitted as detailed in the sketch below. Use pull handle as a template.



Fitting pull handles to front and rear doors.

**Item 47 SPEEDOMETER
1954 "60"**

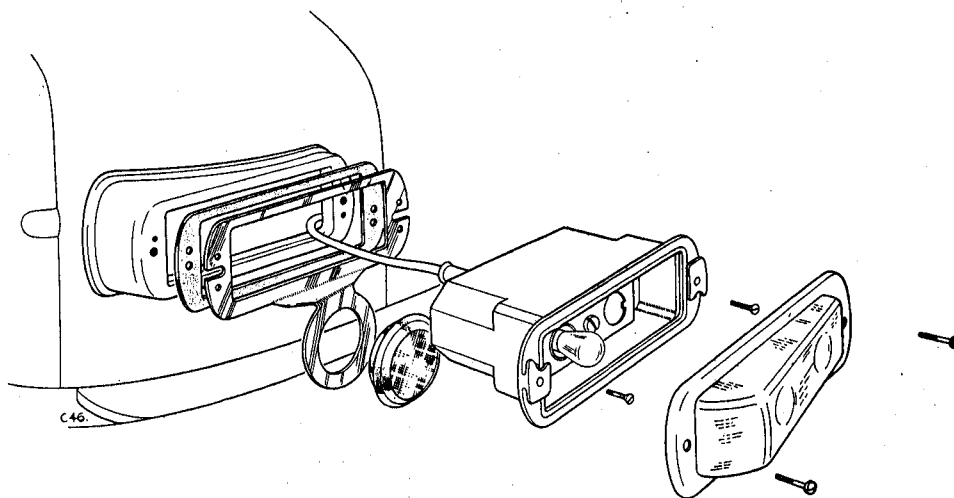
To rectify "buzz" from the instrument panel on the 1954 "60" only, the clip and grommet fixing the speedometer cable to the engine has been deleted.

This modification took effect from Cars numbered "60": 43301206, 43330014, 43360010, 43630001 and 43660009 onwards. Earlier cars should be modified as detailed, as and when opportunity arises or when complaints are received of a "buzzing" noise from instrument panel or speedometer head.

**Item 48 RED REFLECTORS.
1950-53 "75"
1954 "60", "75" & "90"**

From October 1st, 1954, two Red reflectors must be fitted to the rear of all cars as detailed under the 1953 Road Transport Lighting Act. Suitable reflectors for any 1950-54 Rover car can be obtained from our Spares Department. These are supplied as a complete kit under Part No. 263157.

The reflectors and brackets can be easily fitted to any 1950-54 Car as shown in the sketch below. It will be noted that no drilling or cutting of body panels is necessary with the parts supplied.



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- Item 49** **FLASHER UNIT KIT.** Many requests have been received for a kit of parts to modify the existing trafficators to the flasher type of direction indicator, and in a few cases parts have been supplied.
- 1950-53 "75"
1954 "60", "75" & "90"
HOME MODELS
- This practice is to be discontinued as from this date. We now have further information on the legal requirements for flasher indicators in this country and as our existing rear lamps do not fully meet these requirements it has been decided not to recommend this conversion.

GENERAL

- Item 50** **WORKSHOP MANUAL** A fully illustrated owner's version of the 1954 Land-Rover Workshop Manual, price 12/6d. less a special discount, is now available from our Spares Department. This book is a reprint of our standard Workshop Manual on thinner paper, and is mainly for the use of overseas Land-Rover owners.
- 1954 **LAND-ROVER**
- Item 51** **CARE IN HANDLING** It is frequently found when parts are returned to us for reconditioning or for inspection under Guarantee that sufficient care has not been taken with the handling and packing of the material. Parts arrive in dirty and damaged condition and in some cases important evidence in support of guarantee claims is destroyed. You will appreciate that it is in our mutual interest to see that special care is taken to ensure that material arrives here in a clean and undamaged condition.
- AND PACKING OF**
MATERIAL RETURNED
TO WORKS
- Item 52** **FRONT ROAD SPRING** To assist in the identification of the various types of front road springs used on 1948-54 Cars, the following chart has been prepared:—
- COIL TYPE**
1948-54 CAR

1948-54 CAR FRONT ROAD SPRING

Model	Wire diameter	Spring outside diameter	Working coils	Free Length	Paint identification	Part No.	Remark
1948 "60" (Early models) 1948 "75" (Early models)	.515 in. (13 mm)	5.405 in. (136,5 mm)	10	17.700 in. (457,5 mm)	White	214298	Use 230093 for replacements. Use 230094 for replacements. } See Service Bulletin No. 5009 for further details.
	.515 in. (13 mm)	5.405 in. (136,5 mm)	10	18.250 in. (461 mm)	Green	214297	
1948-49 "60" (Late models) 1948 1948-49 "75" (Late models) 1948	.540 in. (14 mm)	5.425 in. (137 mm)	10	15.150 in. (382,5 mm)	Yellow	230093	Standard spring.
	.540 in. (14 mm)	5.425 in. (137 mm)	10	15.500 in. (392 mm)	Blue	230094	
1950-53 "75"	.710 in. (18 mm)	5.835 in. (148 mm)	9½	16.570 in. (421 mm)	Grey	232802	Standard spring.
1954 "75" and "90"	.750 in. (19 mm)	5.875 in. (149 mm)	8	14.625 in. (372 mm)	Green	236352	Heavy duty spring.
1950-53 "75"	.650 in. (16,5 mm)	5.650 in. (143 mm)	7½	14.575 in. (368 mm)	Blue	235349	Standard spring.
1954 "75" and "90"	.750 in. (19 mm)	5.875 in. (149 mm)	8	14.281 in. (376 mm)	White	244696	Heavy duty spring.