



ROVER SERVICE NEWS LETTER No. 57—*continued.*

Rear wheel cylinder overhaul kit	1	266685	1951 '75' with metal dust covers
Rear wheel cylinder overhaul kit	1	266686	1951 '75' with rubber dust covers; 1952-55 '75'; 1954-55 '60' and '90'
Rear wheel cylinder overhaul kit	1	266687	1948 Land-Rover from axles numbered 867721; 1949-55 Land-Rover except 107 with 11" brakes
Master cylinder overhaul kit	1	266689	1948-49 '60' and '75' L.H.D.
Master cylinder overhaul kit	1	266690	1948-49 '60' and '75' R.H.D.; 1950 '75'
Master cylinder overhaul kit	1	266691	1951-55 '75'; 1954-55 '60' and '90'; 1954-55 Land-Rover 107 with 11" brakes
Master cylinder overhaul kit	1	266692	1948-55 Land-Rover except 107 with 11" brakes

REMARKS: The above kits are now available from our Spares Department; they contain all the parts needed to completely overhaul the front wheel cylinders, rear wheel cylinders or master cylinder, as the case may be, on the models listed above.

**Item 134 SUBJECT: ENGINE DYNAMIC BALANCING**

MODELS: 1955 '75' and '90'

MODIFICATION: A percentage of the 1955 '75' and '90' Engines are being dynamically balanced by adding graded plain washers, as required, under the clutch cover fixing nuts. Dynamically balanced engines can be identified by means of the splash of red paint on the front engine cover.

COMMENCING NUMBERS: Engines numbered:  
 '75' All models from 54301965 onwards  
 '90' All models from 55304686 onwards

REMARKS: When fitting replacement flywheels, clutch plates or complete clutch units to the above models, any plain washers under the clutch cover nuts MUST be discarded.

**Item 135 SUBJECT: OIL FILTER**

MODELS: 1955 '60', '75' and '90'; 1955 Land-Rover

COMPLAINT: Oil leaks between oil filter, adaptor and cylinder block

CURE: Fit 'Parabestoes' type gaskets as listed below:

PART NUMBERS:	Packing washer, top	} Adaptor to	....	2	4095	} '60' and
	Joint washer, bottom		} cylinder block	....	1	
	Joint washer, adaptor to cylinder block			....	1	268470
	Joint washer, oil filter to adaptor		....	1	268471	

COMMENCING NUMBERS: Engines numbered:  
 Car '60' .... All models from 53301093 onwards  
 '75' .... All models from 54302573 onwards  
 '90' .... All models from 55306007 onwards  
 Land-Rover .... 86 and 107 R.H.D. models from 57115985 onwards  
 86 and 107 L.H.D. models from 57136759 onwards

REMARKS: When fitting the joint washer, part number 268472, between adaptor and cylinder block on earlier 1954-55 '60' and Land-Rover models, the two packing washers, part number 4095, must also be fitted.  
 Part numbers 268470 and 268471 are interchangeable with the earlier type gaskets.

**Item 136** SUBJECT: **FAN BLADE**  
 MODEL: 1955 '75'  
 MODIFICATION: Introduction of 1954 '75' type fan blade to reduce fan noise  
 PART NUMBERS: Fan blade .... 1 242884  
 Reinforcing plate for fan blade .... 1 244318  
 COMMENCING NUMBERS: Engines numbered:  
 '75' All models from 54302429 onwards  
 REMARKS: When fitting fan blade, part number 242884, to earlier 1955 models, reinforcing plate, part number 244318, must also be supplied.

**Item 137** SUBJECT: **REVERSE SELECTOR SHAFT**  
 MODELS: 1955 '60', '75' and '90'  
 MODIFICATION: Truncated detent groove replaces round groove to provide easier operation and to rectify any tendency to jump out of reverse gear.  
 PART NUMBER: Reverse selector shaft .... 1 267696  
 COMMENCING NUMBERS: Gearboxes numbered:  
 All models from 55308622 onwards  
 REMARKS: The latest type reverse selector shaft can be used on any 1954 '60', '75' or '90' or earlier 1955 models.  
 The two shafts can be identified as shown in the sketch below:—

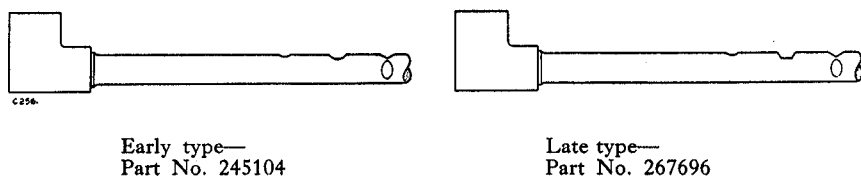


Fig. 1 Identification of reverse selector shaft.

**Item 138** SUBJECT: **ROAD SPRINGS, FRONT, AND SHOCK ABSORBERS, FRONT AND REAR**  
 MODELS: 1955 Land-Rover 107  
 MODIFICATION: Introduction of 260 lbs./in. rate road springs, with shock absorbers to suit, to improve the ride on the Land-Rover 107.  
 PART NUMBERS: See Amendment No. 6 to the 1954-55 Land-Rover Parts Catalogue.  
 COMMENCING NUMBERS: Vehicles numbered:  
 107 Home R.H.D. models from 57200470 onwards  
 107 Export L.H.D. models from 57231217 onwards  
 107 Export R.H.D. models from 57261661 onwards  
 REMARKS: The latest type road springs and shock absorbers can only be used on earlier 1954-55 vehicles if a complete set of new parts is fitted. That is; road spring front, shock absorbers front and rear, spring bottom plates front, and 'U' bolts.

**Item 139** SUBJECT:           **AIR CLEANER**

MODELS:                   1954-55 '75' and '90'

REMARKS:                 From time to time reports have reached us to the effect that the Vokes air cleaner as fitted to the 1954-55 '90' and the 1955 '75' models is inefficient to an extent that makes it inferior to the Oil bath air cleaner as used on the 1954 '75' model.

Instances have also been recorded where the Vokes cleaner has been removed and an oil bath filter substituted.

We feel that a lack of understanding prevails concerning the relative merits of the two types of air cleaners, and we are endeavouring to correct any false impression that may exist concerning them.

The oil bath cleaner fitted to the 1954 '75' model is of a capacity to adequately deal with the volume of air required for the correct running of the engine, but it is not big enough to deal with the needs of the 1954-55 '90' or the 1955 '75' models. We would issue a warning therefore, that to convert the 1954-55 '90' or 1955 '75' engine to use a 1954 '75' Oil bath cleaner is a dangerous step to take and will lead to a fall in engine performance and will also allow grit-laden oil to be drawn into the engine, simply because the cleaner in question is inadequate for the needs of the later models.

The Vokes air cleaner possesses certain advantages over the oil bath type that are extremely important in areas where the dust volume is high. These are briefly as follows:—

1. Generally, efficiency is 98% compared with 86% on the oil bath type.
2. Automatic warning is provided when cleaning or element replacement becomes necessary by a fall in engine power—with the oil bath type this is not so; the grit-laden oil is drawn into the engine and causes the very trouble it was installed to eliminate. With the Vokes air cleaner it can be overloaded with foreign matter to an extent that reduces the engine power output to as low as 30 b.h.p., a reduction of two-thirds, without any foreign matter entering the engine.

There have been reports that the Vokes elements tends to collapse—such reports may be discounted.

These adverse reports first came about as a result of trouble experienced by Vokes air cleaners fitted to engines not of our manufacture, but those air cleaners were made of an entirely different material to that used on the Rover type.

It is also possible that as the Vokes air cleaner as fitted to the 1954-55 '90' and 1955 '75' contains an element that is "waisted" to provide additional stiffness, that this formation has been mistaken for signs of collapse.

In conclusion, do not, on any account, substitute a model 1954 '75' oil bath air cleaner for that used on the 1954-55 '90' or 1955 '75'.

NOTE: When replacing the Vokes air cleaner element on early models, which have felt sealing rings attached to the inside of the air cleaner cover and end cap, great care must be taken to ensure a satisfactory air seal. Later models have the felt rings attached to each end of the element and no trouble should be experienced when refitting.

**Item 140** SUBJECT:           **B.C. POST**

MODELS:                   1955 '60', '75' and '90'

MODIFICATION:   Deletion of trafficator slot in B.C. post.

PART NUMBER:   B.C. post       .....       .....       .....       .....       1       314715

ROVER SERVICE NEWS LETTER No. 57—*continued*

COMMENCING NUMBERS: Cars numbered:  
 '60' Home R.H.D. models from 53300638 onwards  
 '60' Export L.H.D. models from 53330006 onwards  
 '60' Export R.H.D. models from 53360053 onwards  
 '75' Home R.H.D. models from 54301376 onwards  
 '75' Export L.H.D. models from 54330282 onwards  
 '75' Export R.H.D. models from 54360096 onwards  
 '90' Home R.H.D. models from 55302459 onwards  
 '90' Export L.H.D. models from 55330385 onwards  
 '90' Export R.H.D. models from 55361235 onwards

REMARKS: Trafficator slots are no longer required now that the flasher type of direction indicator warning light is fitted as standard on the Rover '60' '75' and '90'.

**Item 141 SUBJECT: WINDSCREEN WASHER**

MODELS: 1955 '60', '75' and '90'

MODIFICATION: Improved design of washer pump with recuperating spring, and rubber hoses replacing the earlier plastic type.

PART NUMBERS: Windscreen washer reservoir .... 1 265835  
 Nozzle for windscreen washer .... 2 265839  
 Pump unit .... 1 265847  
 Suction tube for pump unit .... 1 265852  
 Delivery tube for pump unit .... 2 265848

COMMENCING NUMBERS: Cars numbered:  
 '60' Home R.H.D. models from 53300508 onwards  
 '60' Export L.H.D. models from 53330005 onwards  
 '60' Export R.H.D. models from 53360049 onwards  
 '75' Home R.H.D. models from 54301073 onwards  
 '75' Export L.H.D. models from 54330234 onwards  
 '75' Export R.H.D. models from 54360069 onwards  
 '90' Home R.H.D. models from 55301880 onwards  
 '90' Export L.H.D. models from 55330356 onwards  
 '90' Export R.H.D. models from 55361088 onwards

REMARKS: See News Letter No. 55, Item 127, for details of fitting the later type pump and tubes to earlier models.

**Item 142 SUBJECT: OVERDRIVE UNIT, FIRE TENDER**

MODEL: 1954 Land-Rover Fire Tender

COMPLAINT: Failure of unit

CAUSE: Lack of lubrication.

CURE: Check oil level every 10 running hours.

REMARKS: In the "Routine Maintenance" section of the leaflet supplied with each Land-Rover Fire Tender it is recommended that the Overdrive unit oil is changed after the first 25 running hours, and that the oil level is checked every 25 running hours. This is now considered unsatisfactory due to the small capacity of the unit, and the slight leakage which sometimes occurs at the breather.

Will Distributors and Dealers please ensure that revised recommendations, that is, change oil after first 10 running hours and **check oil level every 10 running hours** is passed on to all owners of the Land-Rover Fire Tender.

Revised copies of Instruction Leaflet, Part No. 3997, can be obtained from The Rover Company Limited, Technical Service Department, Solihull, Birmingham, England.

SECTION III. **GENERAL.**

Item 143 SUBJECT: **ROVER DISTRIBUTOR APPOINTMENTS**

REMARKS: NEW OVERSEAS DISTRIBUTORS:

SAIGARAGE,  
Via Principe Eugenio 3,  
Milan,  
ITALY  
Telegraphic address: SAIGARAGE

Distributor for Cars  
and Land-Rovers

THE "AUTOWORKS" LIMITED,  
445-1 Al-Rashid Street,  
Baghdad,  
IRAQ  
Telegraphic address: AUTOWORKS

Distributor for Cars  
and Land-Rovers

CANCELLATION—OVERSEAS DISTRIBUTOR:

ANDREW WEIR (IRAQ) LTD.,  
P.O. Box No. 51,  
Baghdad,  
IRAQ.

Yours faithfully,

For THE ROVER COMPANY LIMITED

*M. Brewer.*

*Publications Editor,  
Technical Service Department.*