

# SERVICE INFORMATION

## LAND-ROVER



### Vol. 2 Issue 9

January-February, 1975

ITEM 17

Division : 00  
Subject : Engine stickers  
Models : All Land-Rover  
Remarks :

Leycare Engine stickers are available free of charge, upon request from Austin Morris to Leycare approved outlets only. There is no part number just apply for 'LEYCARE ENGINE STICKERS' to :-

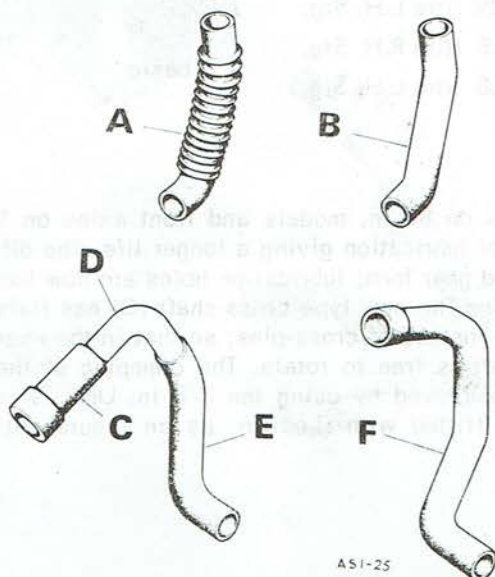
AUSTIN MORRIS BRITISH LEYLAND UK LIMITED  
HORSE PASS ROAD  
COWLEY  
OXFORD

For the attention of Literature Stores Supervisor.

ITEM 18

Division : 26  
Subject : Water hoses  
Models : Land-Rover six cylinder  
Commencing numbers : from chassis No. 94401636  
Remarks :

For easier assembly moulded top and bottom water hoses were introduced on Production from the above mentioned vehicles. These hoses are manufactured in a different material and will give an improved service life to that of previous hoses. The Unipart part numbers for these hoses GRH 366 and GRH 371 have not changed but the illustration below enables visual comparison to be made between the old top hose (A) and the new version (B). Bottom hoses (C, D and E) are superceded by the new single hose (F). Hoses (C and D) Part No's, 562915 and 552517 respectively are not required with the latest type bottom hose.



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NOTE. Only the latest type hoses will be supplied when original stocks are exhausted.

## ITEM 19

Division : 26  
 Subject : Thermostat  
 Models : Land-Rover 88 and 109 2¼ litre petrol  
 Remarks :

With reference to Vol.2, Issue 4, Item 7, amend last sentence to read :

'The new thermostat is interchangeable with the previous type and may be fitted to earlier engines from series IIa, engine number suffix 'D' onwards.'

## ITEM 20

Divisions : 51 and 54  
 Subject : Improved axle differentials  
 Models : Land-Rover Series III 88 (109 front axle only)  
 Commencing numbers :  
 Axle serial numbers.

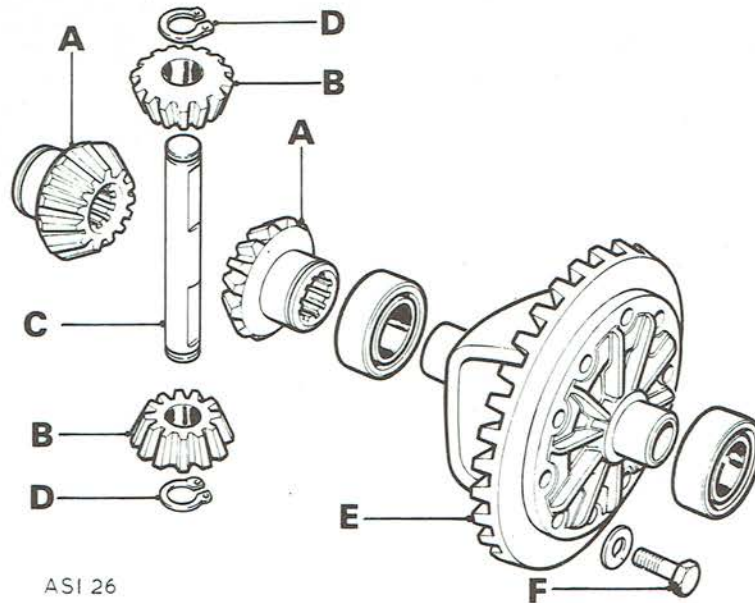
Land-Rover 88 2¼ litre	front, R.H. Stg. . . . .	from 90132721 C
	front, L.H. Stg . . . . .	from 90435361 C
	rear, — . . . . .	from 90167157 D
½ ton 2¼ litre	front, R.H. stg. . . . .	from 20104032 C
	front, L.H. Stg. . . . .	from 20402050 C
	rear, — . . . . .	from 20405993 C
109 2¼ litre	front, R.H. Stg. . . . .	from 91145508 C
	front, L.H. Stg. . . . .	from 91432511 C
109 2.6 litre	front, R.H. Stg. . . . .	from 94108639 C
	front, L.H. Stg. . . . .	from 94405369 C

## Part Numbers :

Differential Assembly	All models		594484
Front axle	88 2¼ litre R.H. Stg	} reinforced two-piece	622282
Front axle	88 2¼ litre L.H. Stg.		622283
Rear axle	88 2¼ litre —		622284
Front axle	109 2¼ litre R.H. Stg.	} reinforced two-piece	622295
Front axle	109 2¼ litre L.H. Stg		622296
Front axle	109 2¼ litre R.H. Stg.	} for ambulance	622292
Front axle	109 2¼ litre L.H. Stg.		622293
Front axle	109 2.6 litre R.H. Stg.	} basic	622287
Front axle	109 2.6 litre L.H. Stg.		622303

## Remarks :

Both front and rear axle units on 88 in. models and front axles on 109 in. incorporate a modified differential with better lubrication giving a longer life. The differential wheels (A) and pinions (B) have an improved gear form; lubrication holes are now located in the differential case instead of in the pinions. The new type cross-shaft (C) has flats for lubrication and is retained by two circlips (D) instead of cross-pins, so that in the event of pinion seizure, due to oil starvation, the shaft is free to rotate. The clamping of the crown-wheel (E) to the differential case is also improved by using ten 3/8 in. UNF 'V' code place bolts (F) plus hardened steel washers (fitted with 'Loctite' as an insurance) and increasing the tightening torque to 45 lbf.ft.



ASI 26

ITEM 21

Division : 88

Subject : Speedometer warranty returns

Models : All

Remarks :

Following investigation of speedometers recently returned under warranty, one third were found to have been changed unnecessarily. In future, when speedometer replacement is considered, it is essential to first check the speedometer cable routing ensuring that the cable is in no ways subjected to any excessive deformation likely to cause noise or speedometer needle waver.

ITEM 22

Division : 99

Subject : Brake service tools

Models : Various

Remarks :

Girling are producing six specially designed tools suitable for Land-Rover brake servicing these comprise :-

Brake hose clamp . . . . .	Part No. 64947017
Shoe steady spring tool . . . . .	Part No. 64947090
Brake adjuster spanner . . . . .	Part No. 64947051
Brake shoe horn . . . . .	Part No. 64947019
Bundy pipe bending set . . . . .	Part No. 64947036
Brake service tool kit . . . . .	Part No. 64947026

These tools are available direct from :-

GIRLING LTD.,  
SALES AND SERVICE,  
BIRMINGHAM ROAD,  
WEST BROMWICH,  
STAFFS.