

SERVICE INFORMATION

LAND - ROVER

Vol. 2 Issue 3



ROVER TRIUMPH BRITISH LEYLAND UK LIMITED
SERVICE DEPARTMENT
COVENTRY
ENGLAND CV4 9DB

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ITEM 5

Division: 37

Subject: Reverse gear 'jump-out'

Models: All Land-Rover

Remarks:

The outside diameter of the gearbox idler shaft (A) is deliberately machined at an offset angle to assist reverse gear retention under arduous operating conditions. It is correctly located in the gearbox by a cross-drilled hole (B) which is engaged by a spring dowel, part number 591519.

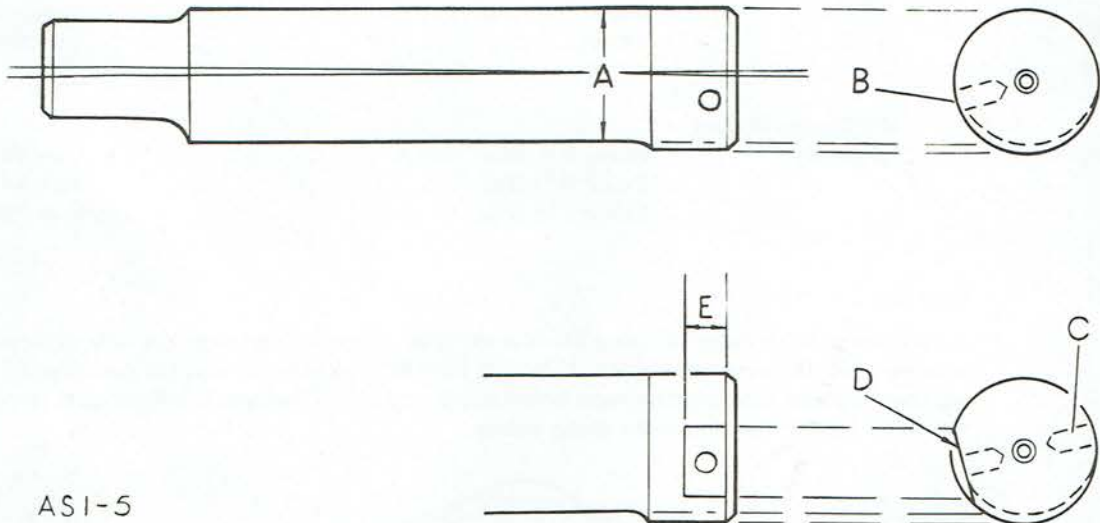
If reverse gear jump-out is experienced with gearbox numbers prior to 90208170A, 24600273A, 95109042A, 94110746A or 26600408A, it is possible this is due to incorrect location of the offset idler shaft caused by the cross-drilling being 180° out of position, see C.

Where a correctly drilled shaft part number 591527 is not available the original shaft can be easily modified as follows:—

1. Remove the spring dowel from the incorrect hole in the idler shaft.
2. Grind a flat (D) 0.04in (1mm) deep on the shaft at 180° to the existing incorrect hole, to remove the case hardening.

NOTE: The flat area (E) must not extend completely across the length of the concentric finished diameter.

3. Drill a hole 0.157in (4mm) dia., 0.210in-0.230in (5.3-5.8mm) deep, 0.200 ± 0.01 in (5.08 ± 0.25 mm) from the end of the shaft and at 180° to the existing hole.
4. Re-assemble using the new cross-drilling for the spring location dowel.



ASI-5

ITEM 6

Division: 51

Subject: Rear Salisbury axle-flitch plate.

Models: Land-Rover Series III, 109.

Part Numbers: Flitch plate (Salisbury 8HA-173-1)

Commencing numbers:

Chassis serial numbers.

109, 2¼ petrol,	Home R.H. Stg.	from 91105590B
	Export R.H. Stg.	from 91204047B
	Export L.H. Stg.	from 91410856B
109, 2¼ diesel	Home R.H. Stg.	from 91610856B
	Export R.H. Stg.	from 91701232B
	Export L.H. Stg.	from 91902021B
109 Station Wagon 2¼ petrol	Home R.H. Stg.	from 93101472B
	Export R.H. Stg.	from 93201837B
	Export L.H. Stg.	from 93406599B
109 Station Wagon 2¼ diesel	Home R.H. Stg.	from 93600616B
	Export R.H. Stg.	from 93700368B
	Export L.H. Stg.	from 93901532B
109, 2.6 petrol	Home R.H. Stg.	from 94101652B
	Export R.H. Stg.	from 94200313B
	Export L.H. Stg.	from 94401080B
109 Station Wagon 2.6 petrol	Home R.H. Stg.	from 94601219B
	Export R.H. Stg.	from 94700560B
	Export L.H. Stg.	from 94901352B

Remarks:

An additional flitch (support) plate (A) is now fitted in conjunction with the fully stiffened swaged housing cover (B) introduced in Vol. 1, No. 23, Item 96. This is to increase the protection of the housing cover against accidental damage which could result in oil leakage. The flitch plate is mounted on the three bottom housing cover fixing points.

