

SERVICE INFORMATION

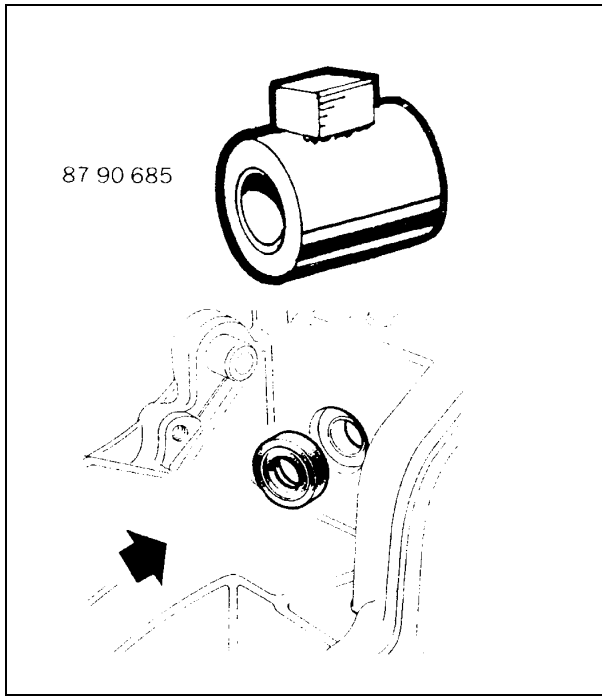
Number: 471-9011

Year: 1994

Month: AUGUST

Market: US

Gear selector shaft oil seal, manual transmission



Background

A new gear selector shaft oil has been introduced to solve leakage problems. In 1994-98 with manual transmissions, the seal can be changed while the transmission is in the car. Refer to the procedure below to change the seal.

Cars affected:

1994-1998 900 models with manual transmission

Materials:

Selector shaft seal: 87 41 878

Installer gear shaft seal: 87 90 685

NOTE

Tool P/N 87 90 685 was available for older 900 models. Check your tool room before ordering a new one from Kent- Moore.

Action:

Change the gear selector shaft seal as follows:

- 1 Select 4th gear and disconnect the gear shaft coupling.
- 2 Select 3rd gear and by using a suitable hooked tool, remove the old seal.
- 3 Check the surface of the shaft and remove any imperfections.
- 4 Starting half way down the shaft, wind a length of electrical tape around the shaft to protect the seal lip and install the new seal.
- 5 Using tool, P/N 87 90 685, tap the seal ensuring it is perfectly square in the housing.
- 6 Refit the selector shaft coupling and check alignment of the gear positions (see Service Manual 4:1, page 432-4).
- 7 Check/top up the gearbox oil level and test.