

Confidential

TECHNICAL SERVICE BULLETIN

NO. 1-D-10

**TRIUMPH**

DATE: May 1970

BRITISH LEYLAND MOTORS INC.
600 Willow Tree Road • Leonia • New Jersey 07605

SUBJECT:

Constant Pinion & Main Shafts

MODELS:

TR-6

The TR-6 gearbox mainshaft spigot was lengthened at gearbox # CD 21769; similarly, the constant pinion shaft spigot recess was increased in depth to accomodate the longer mainshaft spigot.

This modification facilitates assembly by enabling the mainshaft to be located in the constant pinion spigot bearing, prior to the mainshaft ball race entering the gearbox casing.

Since fitting the previous mainshaft to the current constant pinion will not allow correct location of the mainshaft, interchangeability is affected. The reverse procedure of fitting a current mainshaft to the previous pinion, whilst allowing complete gearbox assembly, will result in excessive end float of the constant pinion needle bearing. Therefore, it is essential for gearboxes prior and subsequent to the numbers quoted to be serviced to their respective specification, or alternatively, with matching mainshafts and constant pinions.

The constant pinion needle bearing remains unchanged.

DETAILS OF PARTS AFFECTED:Fitted from Gearbox # CD 20282 up to Gearbox # CD 21768

Constant Pinion Shaft
Mainshaft
Mainshaft (Overdrive)

Part Number 216044
Part Number 216393
Part Number 216245

Fitted from Gearbox # CD 21769

Constant Pinion Shaft
Mainshaft
Mainshaft (Overdrive)

Part Number 216871
Part Number 216866
Part Number 216868