

Clutch

Oversize Release Bearing

Fitting Guide

Ford

• Escort, Fiesta & Orion

Guide Tube Service Repair

The Ford Escort, Fiesta & Orion with 1.1 – 1.6 petrol engines & 1.6 - 1.8 Diesel engines were fitted with a BC type gearbox of aluminium construction.

As the release bearing guide tube is also manufactured in aluminium and is an integral part of the gearbox, it is prone to wear ridges from the bearing lateral movement.

If wear has occurred to the tube a repair must be made otherwise the smooth operation of the release bearing will be lost and a jerky action felt through the pedal. This is due to the bearing snagging on the wear ridges and can result in clutch drag or excessive pre-load resulting in premature wear.

Ford has available a service repair guide tube – a steel sleeve that slides over the original aluminium tube & is then locked by pressing in the tabs.





Ford Service Repair Tube

If you encounter a modified vehicle the standard release bearing , 263603, contained within the Valeo clutch kits is no longer suitable due to the internal bore size – 29.7mm – being too small.

A new release bearing is available – 804176 – with an internal bore diameter of 32mm is available. To enhance the service offer, Valeo has available now the following clutch kit alternatives as a double range.

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	Valeo +			
003358	826214	802136	264616	804176
801153	826215	802030	803113	804176
801293	826216	802086	803137	804176
801294	826295	802060	803138	804176
801570	826217	802136	803137	804176

Later Ford Escort & Fiesta applications were also fitted with the MTX75 gearbox which had a flat faced bearing – bore diameter of 34mm



It is easy to confuse the above oversize release bearing issue with the later type of bearing. The two units can be distinguished by the contact face – the 804176 has a round contact face rather than the later flat face release bearing



804176

Remember – a bearing with a flat contact face can only be fitted with a cover assembly with curved diaphragm spring finger tips & likewise a curved contact face can only be fitted to a cover with flat spring finger tips.