



CLUTCHTECH



TSB - TB02 Release Bearing Installation

Correct Fitment of Press-On Release Bearings onto Bearing Collar

When fitting a release bearing to vehicles where the bearing is pressed onto a separate bearing collar, it is essential that the bearing is pressed onto the collar correctly in order to prevent damage to the bearing and subsequent bearing noise and failure problems.

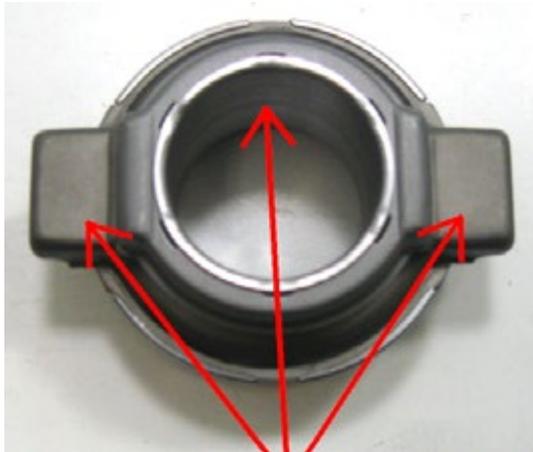
The release bearing should be pressed onto the collar using a purpose-made drift tool or suitable-sized socket wrench which bears only on the inner race or hub of the bearing. This will prevent excessive load being applied directly to the face or casing of the bearing which will result in serious damage to the bearing.

Never use a hammer to fit the bearing onto the collar, or a vice to press the bearing directly onto the collar as these methods will almost certainly result in bearing damage.

The bearing collar should also be carefully inspected for excessive mounting lug wear, and should be replaced with a new part if worn in order to prevent clutch non-release, hard pedal action, noise and vibration problems.

Release Bearing Lubrication

When fitting the release bearing to a gearbox which uses a release fork and pivot ball arrangement or a release cross shaft it is critical that the release bearing carrier is lubricated correctly.



- Lubricate the contact area where the fork contacts the bearing.
- Lightly lubricate the bore of the release bearing.
- If necessary inspect the retaining clip and replace if it shows excessive signs of wear.

Correct Installation of a Concentric Slave Cylinder

Carefully locate the Concentric Slave Cylinder (CSC) over the input shaft and mount in its locating groove. If a sealing compound is required refer to the manufacturers repair manual for the type of sealant to use.

When tightening the CSC clamping bolts refer to the manufactures repair manual for the torque settings.

Refer to ClutchPro technical service bulletins TSB-167 for a bleed procedure and safe handling of the CSC.

LEADING BRANDS

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