

**INSTALLATION METHOD FOR C4 AUTOMATIC TRANSMISSION
GOVERNOR DISTRIBUTOR SLEEVE**

PCE612.1010



NOTE: This governor sleeve will require the use of a full manual valve body. The oiling passages that lead to the governor distributor sleeve will not be used.

NOTE: It is preferred that the transmission is out of the vehicle to help ease the installation of the governor distributor sleeve.

NOTE: Drain the oil out of the transmission before moving forward in the process.

INSTALLATION

Before installing the governor distributor sleeve, the C4 will have to get disassembled. Start by draining the transmission fluid from the transmission, and then remove the transmission from the vehicle. Once the transmission is removed from the vehicle, the transmission can be disassembled.

REMOVAL PROCESS

1. Remove the extension housing from the transmission.
2. Remove the remove the governor bolts and governor distributor.

NOTE: Remove the oil feed lines to the distributor sleeve before removing the distributor sleeve.

3. Once the oil feed lines are removed, remove the distributor sleeve (See Figure 1).



Figure 1

NOTE: When removing the distributor sleeve, be careful to not lose the small parking gear linkages.

4. At this point remove the valve body. You will need to remove the oil pan to access the valve body.

NOTE: PCE612.1010 will only work with a full manual valve body.

INSTALLATION PROCESS

1. Install the steel billet spacer that will replace the governor distributor (See Figure 2).



Figure 2

NOTE: PCE612.1010 will require a full manual valve body. The oil feed tubes will not be needed and can be removed. The full manual valve body will block off access from the case.

2. Install the snap ring that retained the old governor distributor (See Figure 3).

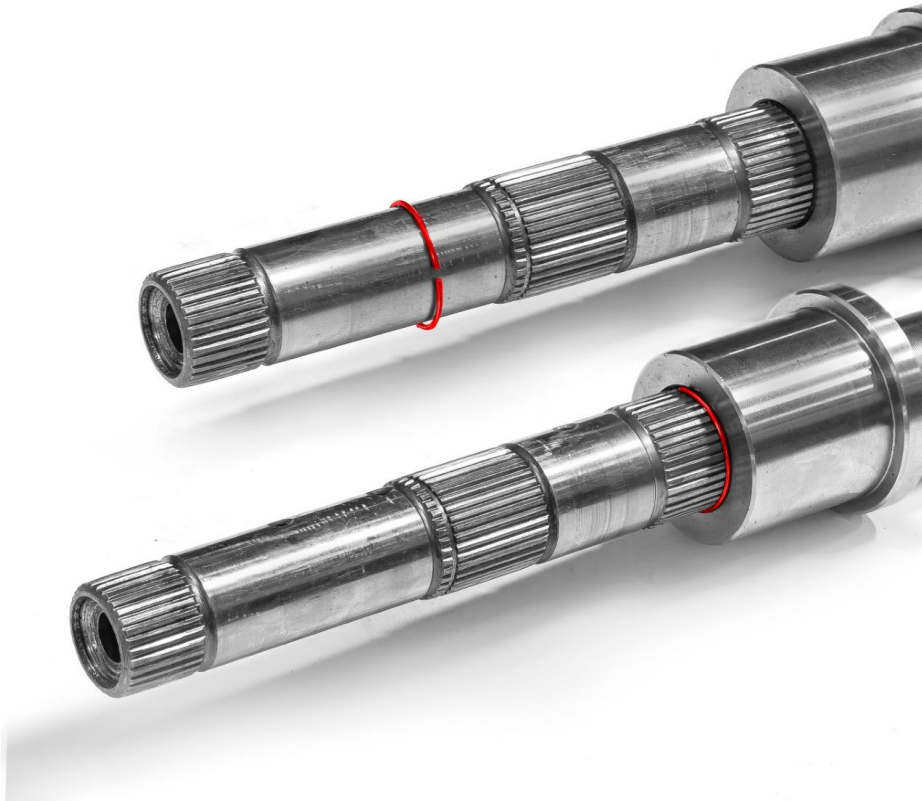


Figure 3

3. Before any further actions happen, install the bearing into the billet aluminum governor distributor sleeve (See Figure 4).

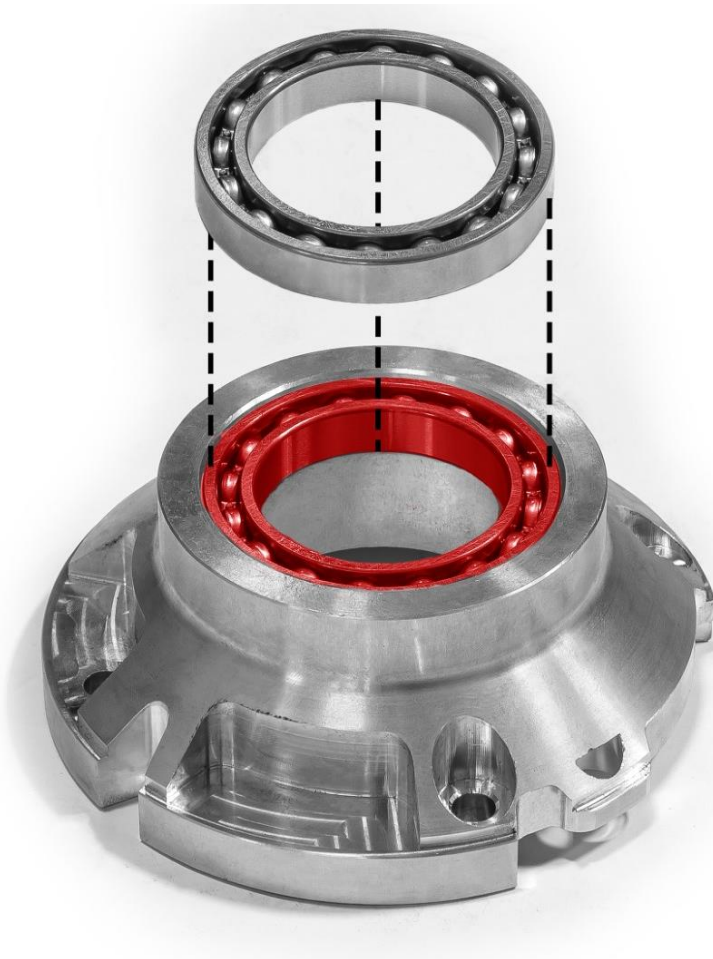


Figure 4

NOTE: The bearing will require to be pressed into the distributor sleeve.

4. Once the bearing is pressed into the distributor sleeve, press it into the spacer that was installed in step 1.
5. Install the parking pawl gear. Then reinstall the thrust washer and the snap ring that retains the parking pawl gear (See Figure 5).



Figure 5

NOTE: At this point reinstall the pawl retaining pin, parking pawl, and spring onto the case.

6. Reinstall the output shaft into the transmission. Make sure the splines on the output shaft are aligned with the splines on the reverse high clutch drum (See Figure 6).

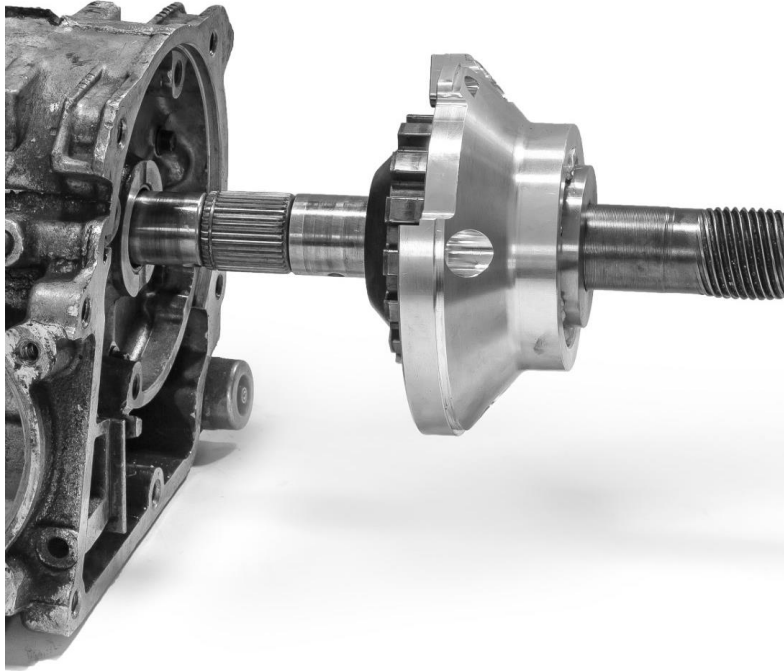


Figure 6

7. Install the bolts onto the billet sleeve (See Figure 7).



Figure 7

8. Reinstall the extension housing onto the transmission.