

# SERVICE INFORMATION BULLETIN

**Subject:**  
**CAUTION IN REPLACEMENT AND INSTALLATION OF AISIN 450-43 LE TRANSMISSIONS**

This document is to inform of the following information regarding the replacement and installation of the Aisin 450-43 LE Automatic Transmissions

## 1. REVELANT MODELS

All 2005 and newer NA, NB, NC models with Aisin 450-43 LE automatic transmissions

## 2. CORRECTION

Upon removal of a transmission assembly from the vehicle, inspection is required to confirm the presence and correct installation of the two dowel pins in the rear engine housing. In some rare cases one or both dowel pins may have come out with the transmission during removal. These pins need to be positioned in the engine housing prior to the installation of a replacement transmission assembly. If flex plate is broken, please confirm that the two dowel pins can be found either on the rear engine housing or on the transmission housing.



(stock engine) please insure that both dowel pins are present as shown during installation

## SERVICE INFORMATION BULLETIN

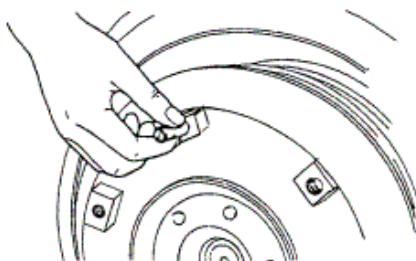
During installation of the transmission we recommend the following procedures:

The transmission needs to be guided onto the engine flywheel housing using two bolts somewhat longer than the original mounting bolts. (Please be sure that the hex heads of these bolts have been removed so they can act as guides.) It is very important that the transmission mounts flush against the flywheel housing (do not use the mounting bolts to draw the transmission flush to the flywheel housing). This ensures that no damage will be caused to the torque converter guide cup, which fits into the flywheel center cavity. Also the special converter guide tool part number 09657-1370 should be used for guiding the torque converter to the flex plate (refer to service manual page TRO4-6).

*SCREW THE SPECIAL TOOL "GUIDE" BY HAND INTO THE TORQUE CONVERTER OF THE TRANSMISSION ASSEMBLY. ROTATE THE TORQUE CONVERTER SO THAT THE GUIDE FACES DOWNWARD.*

**Special tool:**

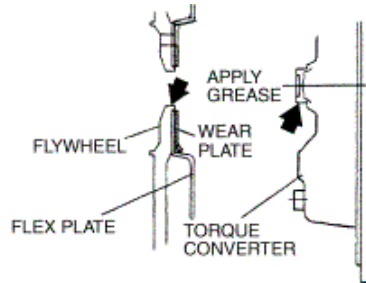
**Spacer coupling guide: 09657-1370**



## SERVICE INFORMATION BULLETIN

The guide cup that goes into the center of the flywheel requires a thin coating of molybdenum disulfide grease. (Refer to service manual page TRO4-7)

- Apply grease containing molybdenum disulfide to the boss at the end of the torque converter before assembling. Without grease, the flex plate will not slide well and abnormal force will be generated, causing the flex plate to break.



**If above procedures are not followed, transmission failure may result.**