

W55 AND W56 MANUAL TRANSMISSION

DESCRIPTION

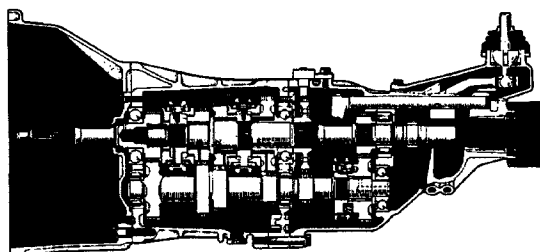
PRECAUTIONS

When working with FIPG material, you must observe the following.

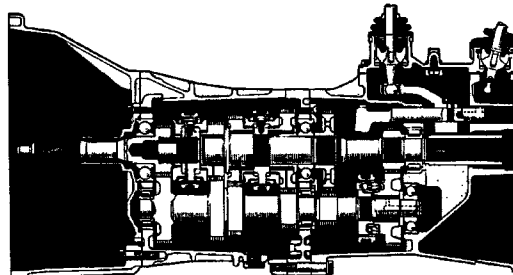
- Using a razor blade and gasket scraper, remove all the old packing (FIPG) material from the gasket surfaces.
- Thoroughly clean all components to remove all the loose material.
- Clean both sealing surfaces with a non-residue solvent.
- Apply the seal packing in approx. 1 mm (0.04 in.) bead along the sealing surface.
- Parts must be assembly within 10 minutes of application. Otherwise, the packing (FIPG) material must be removed and reapplied.

DESCRIPTION

- The W55 and W56 manual transmissions are three-shift type, having an input shaft, output shaft and counter gear. Power is transmitted from the input shaft to the counter gear, and then to the output shaft which is co-axially fitted to the input shaft. The input shaft and the output shaft are engaged directly to each other in the 4th gear position.
- The 1st through 5th gears are constant mesh gears which use an inertia lock key type synchronesh mechanism. The reverse gear is a sliding mesh gear which is engaged by sliding the idler gear.
- W55 and W56 are manual transmissions use a single-cone synchronesh mechanism for the reverse gear.



Q03080



Q03081

Type of Transmission		W55	W56
Type of Engine		22R-E	
Gear Ratio	1st	3.566	3.954
	2nd	2.056	2.141
	3rd	1.384	←
	4th	1.000	←
	5th	0.850	←
	Reverse	4.091	←
Oil Capacity		2.6 liters (2.7 US.qts, 2.3 Imp.qts)	2.9 liters (3.0 US.qts, 2.6 Imp-qts)
Oil Viscosity		SAE 75W-90 or 80W-90	
Oil Grade		API GL-4	