

S53 MANUAL TRANSAXLE

DESCRIPTION

MX022-01

PRECAUTIONS

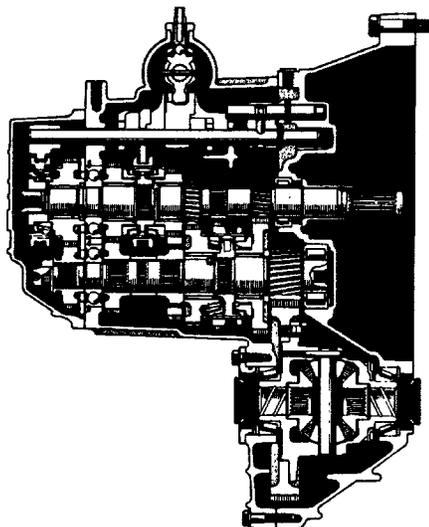
When working with FIPG material, you must observe the following.

- Using a razor blade and gasket scraper, remove all the old sealant (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 sealant in approx. 1 mm (0.04 in.) bead along the sealing surface.
- Parts must be assembled within 10 minutes of application. Otherwise, the sealant (FIPG) material must be removed and reapplied.

DESCRIPTION

MX01R-06

- The gear and shaft layout is the same as the S53 manual transaxle.
- A triple-cone type synchromesh mechanism is used in the second gear to improve the shift feeling characteristics. This helps to reduce the shifting effort, provide smoothly shifting.
- A reverse synchromesh mechanism is used to suppress gear engagement noise in reverse gear shifting while providing smoothly shifting.



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Type of Transaxle		S53
Type of Engine		5S-F E
Gear Ratio	1 St	3.285
	2nd	2.041
	3rd	1.322
	4th	1.028
	5th	0.820
	Reverse	3.153
Differential Gear Ratio		3.944
Oil Capacity		2.8 liters (2.7 US qts, 2.3 Imp. qts)
Oil Viscosity		SAE 75W-90
Oil Grade		API GL-3, GL-4 or GL-5

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