

MANUAL TRANSMISSION (R15M-D, R15MX-D)

MANUAL TRANSMISSION	J2- 1	TRANSMISSION CASE	
PRECAUTION	J2- 1	COMPONENTS DISASSEMBLY/ ASSEMBLY	J2-10
CLUTCH HOUSING, EXTENSION HOUSING, AND TRANSFER CASE DISASSEMBLY/ASSEMBLY	J2- 2	MAINSHAFT AND COUNTER SHAFT COMPONENTS DISASSEMBLY/ASSEMBLY	J2-13
5TH/REVERSE GEAR AND HOUSING PARTS DISASSEMBLY/ ASSEMBLY	J2- 5	MANUAL TRANSMISSION INSPECTION ...	J2-15

MANUAL TRANSMISSION

PRECAUTION

1. Clean the transmission exterior thoroughly by using a steam cleaner or cleaning solvents before disassembly.

Warning

- Using compressed air can cause dirt and other particles to fly out, causing injury to the eyes. Wear protective eye wear whenever using compressed air.

Caution

- Cleaning sealed bearings by using cleaning fluids or a steam cleaner can wash the grease out of the bearing.
2. Clean the removed parts by using cleaning solvent, and dry them by using compressed air.
Clean out all holes and passages by using compressed air, and check that there are no obstructions.
 3. Use a plastic hammer when disassembling the transmission case and other light alloy metal parts.
 4. Make sure each part is cleaned before assembling.
 5. Coat all movable parts with the specified oil.
 6. Replace parts whenever required.
 7. Remove old sealant from contact surfaces before applying new sealant.
 8. Assemble the parts within **10 minutes** after applying sealant. Allow all sealant to cure at least **30 minutes** after assembly before filling the transmission with transmission oil.