

VEHICLE DOES NOT MOVE IN D, M OR R POSITION [FW6A-EL, FW6AX-EL]

id050317100500

TROUBLESHOOTING ITEM	Vehicle does not move in D, M or R position
DESCRIPTION	<ul style="list-style-type: none"> Vehicle does not move when accelerator pedal is depressed. The engine revs up but the vehicle does not move even though the accelerator pedal is depressed. Tires are locked and do not move even though the accelerator pedal is depressed.
POSSIBLE CAUSE	<ol style="list-style-type: none"> Improper operation of parking mechanism Manual shaft (manual valve) stuck Torque converter malfunction

Diagnostic procedure

STEP	INSPECTION		ACTION
1	INSPECT PARKING MECHANISM FOR MALFUNCTION <ul style="list-style-type: none"> When the vehicle is stopped on a flat, level road and the engine is off, does the vehicle move when pushed? (In D, N or R position with the brake pedal released.) 	Yes	Go to the next step.
		No	Replace the parking mechanism. (See AUTOMATIC TRANSAXLE REMOVAL/INSTALLATION [FW6A-EL].) (See AUTOMATIC TRANSAXLE REMOVAL/INSTALLATION [FW6AX-EL].)
2	VERIFY IF MALFUNCTION CAUSE IS MANUAL SHAFT OR TORQUE CONVERTER <ul style="list-style-type: none"> Move the vehicle to a level surface and apply the parking brake. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) Remove the battery component (ex: battery, battery tray and PCM component). (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) Remove the air cleaner component. (See INTAKE-AIR SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) Can the manual shaft be rotated by hand? 	Yes	Replace the automatic transaxle. (See AUTOMATIC TRANSAXLE REMOVAL/INSTALLATION [FW6A-EL].) (See AUTOMATIC TRANSAXLE REMOVAL/INSTALLATION [FW6AX-EL].)
		No	Replace the control valve body. (See CONTROL VALVE BODY REMOVAL/INSTALLATION [FW6A-EL, FW6AX-EL].)

