

NO.1 VEHICLE DOES NOT MOVE IN D, M RANGES, OR IN R POSITION

B3E050319090W05

1	Vehicle does not move in D, M ranges, or in R position
DESCRIPTION	• Vehicle does not move when the accelerator pedal is depressed.
POSSIBLE CAUSE	<p>• If the vehicle does not move in D, M ranges or R position, basically, the malfunction is in the ATX. (Vehicle will move even with a malfunction in the PCM.) Since a malfunction is in the sensor circuit or output circuit is the cause of the malfunction in the ATX, inspect the sensors, output circuit, and the related wiring harnesses.</p> <ol style="list-style-type: none"> 1. Clutch slippage, worn (D, M ranges-Forward clutch, R position-Reverse clutch, Low and reverse brake) <ul style="list-style-type: none"> • Line pressure low • Shift solenoid D malfunction • Shift solenoid E malfunction • Shift solenoid A malfunction • Shift solenoid B malfunction • Pressure control solenoid malfunction • Body GND malfunction • Control valve body malfunction 2. Selector lever malfunction 3. Improper operation of parking mechanism 4. Torque converter malfunction <p>Note</p> <p>• Before following the troubleshooting steps, make sure that the Automatic Transaxle On-Board Diagnostic and Automatic Transaxle Basic Inspection are conducted.</p>

Diagnostic procedure

STEP	INSPECTION		ACTION
1	When the vehicle is stopped on a flat, level road and the engine is off, does the vehicle move when pushed? (in D range or N, R positions with the brake pedal released)	Yes	Go to the next step.
		No	Inspect for parking mechanism. (See ATX workshop manual (FN4A-EL).)
2	Disconnect the PCM connector. Is the resistance between the ground terminal at the PCM connector and the body ground less than 5.0 ohms ?	Yes	Go to the next step.
		No	Repair open ground circuit.
3	Inspect LPS PID value using the WDS or equivalent. Is the LPS PID value normal? (See PCM INSPECTION [ZJ, Z6] .) (See PCM INSPECTION [LF] .)	Yes	Overhaul the control valve body and repair or replace any malfunctioning parts. (See ATX workshop manual (FN4A-EL).) If any problem remains, overhaul the transaxle and repair or replace any malfunctioning parts. (See ATX workshop manual (FN4A-EL).)
		No	Repair or replace any malfunctioning parts.
4	<p>• Verify the test results.</p> <ul style="list-style-type: none"> - If normal, return to the diagnostic index to service any additional symptoms. - If the malfunction remains, inspect the related Service information and perform repair or diagnosis. <ul style="list-style-type: none"> • If the vehicle is repaired, troubleshooting is completed. • If the vehicle is not repaired or additional diagnostic information is not available, replace the PCM. 		