

## NO.2 VEHICLE MOVES IN N POSITION

B3E050319090W06

<b>2</b>	<b>Vehicle moves in N position</b>
<b>DESCRIPTION</b>	<ul style="list-style-type: none"> <li>Vehicle creeps in N position.</li> <li>Vehicle creeps if brake pedal is not depressed in N position.</li> </ul>
<b>POSSIBLE CAUSE</b>	<p>If the vehicle moves in N position, basically, the malfunction is in the ATX. Since a malfunction 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"> <li>Clutch burnt (Forward clutch)             <ul style="list-style-type: none"> <li>Control valve body malfunction</li> </ul> </li> <li>Selector lever position disparity (Although the selector indicator shows N position, the hydraulic circuit shows D range or R position)</li> </ol> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>Before following the troubleshooting steps, make sure that the Automatic Transaxle On-Board Diagnostic and Automatic Transaxle Basic Inspection are conducted.</li> </ul>

### Diagnostic procedure

STEP	INSPECTION	ACTION
1	Does the vehicle creep when the selector lever is moved slightly in N position?	Yes Go to the next step.
		No Adjust the selector lever. (See <a href="#">SELECTOR CABLE ADJUSTMENT</a> .)
2	Disconnect the PCM connector. Is the resistance between the ground terminal at the PCM connector and the body ground <b>less than 5.0 ohms</b> ?	Yes Go to the next step.
		No Repair open ground circuit. Reconnect the PCM.
3	Inspect LPS PID value using the WDS or equivalent. Is the LPS PID value normal? (See <a href="#">PCM INSPECTION [ZJ, Z6]</a> .) (See <a href="#">PCM INSPECTION [LF]</a> .)	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	<ul style="list-style-type: none"> <li>Verify the test results.</li> <li>If normal, return to the diagnostic index to service any additional symptoms.</li> <li>If the malfunction remains, inspect the related Service information and perform repair or diagnosis.             <ul style="list-style-type: none"> <li>If the vehicle is repaired, troubleshooting is completed.</li> <li>If the vehicle is not repaired or additional diagnostic information is not available, replace the PCM.</li> </ul> </li> </ul>	