

## NO.22 NO ENGINE BRAKING IN 1GR POSITION OF M RANGE

B3E050319090W26

<b>22</b>	<b>No engine braking in 1GR position of M range</b>
<b>DESCRIPTION</b>	• Engine speed drops to idle but the vehicle coasts when the accelerator pedal is released when in 1GR of M range at low vehicle speed.
<b>POSSIBLE CAUSE</b>	<p>1. Clutch slippage, burnt (low and reverse brake)</p> <ul style="list-style-type: none"> <li>• Line pressure low</li> <li>• Shift solenoid D malfunction</li> <li>• Shift solenoid E malfunction</li> <li>• Shift solenoid C malfunction</li> <li>• Control valve body malfunction</li> <li>• Body GND malfunction</li> </ul> <p>2. Signal malfunction</p> <ul style="list-style-type: none"> <li>• TP sensor malfunction</li> <li>• Vehicle speed sensor malfunction</li> <li>• Sensor GND malfunction</li> <li>• Input/turbine speed sensor malfunction</li> </ul> <p>3. PCM does not determine that the M range switch is ON (short, or open circuit, poor operation)</p> <ul style="list-style-type: none"> <li>• M range switch signal malfunction</li> </ul> <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	Do the following symptoms occur concurrently? • Engine flares up or slips during acceleration. • Engine flares up or slips when shifting.	Yes	Go to symptom troubleshooting NO.14 "ENGINE FLARES UP OR SLIPS WHEN UPSHIFTING OR DOWNSHIFTING" or No.15 "ENGINE FLARES UP OR SLIPS WHEN ACCELERATING VEHICLE".
		No	Repeat basic inspection and repair or replace any malfunctioning parts according to the inspection result. (See <a href="#">BASIC INSPECTION</a> .)
2	<p>• Verify the test results.</p> <ul style="list-style-type: none"> <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>		