

MIL TROUBLESHOOTING

MIL Blinks	Causes	Symptoms	Refer to
11	<ul style="list-style-type: none"> <li>Loose or poor contact on speed sensor connector</li> <li>Open or short circuit in speed sensor wire</li> <li>Faulty speed sensor</li> </ul>	<ul style="list-style-type: none"> <li>Engine operates normally</li> <li>HESD does not function                             <ul style="list-style-type: none"> <li>ECM does not control the linear solenoid</li> <li>Minimum damping characteristics</li> </ul> </li> </ul>	6-22
51	<ul style="list-style-type: none"> <li>Loose or poor contact on linear solenoid connector</li> <li>Open or short circuit in linear solenoid wire</li> <li>Faulty linear solenoid</li> </ul>	<ul style="list-style-type: none"> <li>Engine operates normally</li> <li>HESD does not function                             <ul style="list-style-type: none"> <li>ECM does not control the linear solenoid</li> <li>Minimum damping characteristics</li> </ul> </li> </ul>	14-8

MIL 51 BLINKS (LINEAR SOLENOID)

- Before starting the inspection, check for loose or poor contact on the linear solenoid connector and recheck the MIL blinking.

1. Linear Solenoid Circuit Inspection

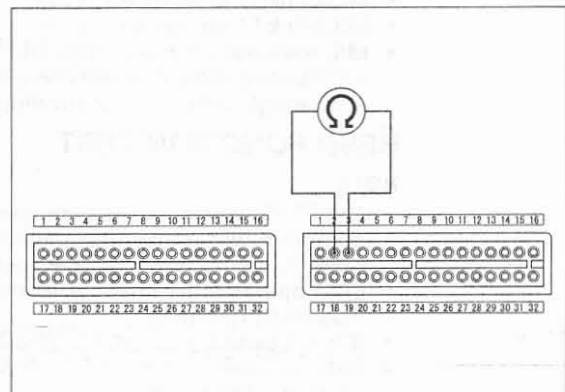
Turn the ignition switch OFF.  
 Disconnect the ECM connectors and connect the ECM test harness to the ECM connectors at the wire harness side (page 6-11).  
 Measure the resistance at the test harness terminals.

Connection: B2 – B3

Is the resistance within 6.0 – 8.0 Ω (20°C/68°F)?

Yes – GO TO STEP 3

No – GO TO STEP 2



2. Linear Solenoid Resistance Inspection

Remove the steering damper (page 14-34) and disconnect the linear solenoid 2P connector.  
 Measure the resistance at the linear solenoid terminals.

Is the resistance within 6.0 – 8.0 Ω (20°C/68°F)?

Yes – Open circuit in White/green or White/blue wire

No – Faulty linear solenoid

