

DTC P1661 MIL Control Circuit

Step	Action	Value(s)	Yes	No
1	Was the Powertrain On-Board Diagnostic (OBD) System Check performed?	—	Go to Step 2	Go to Powertrain OBD System Check
2	1. Turn the ignition ON, engine OFF. 2. Using the Scan tool, command the lamp ON and OFF. Does the lamp turn ON and OFF with each command?	—	Go to Diagnostic Aids - DTC P1661 MIL Control Circuit	Go to Step 3
3	1. Turn the ignition OFF. 2. Disconnect the PCM connector containing the lamp control circuit. 3. Turn the ignition ON. Is the lamp OFF?	—	Go to Step 4	Go to Step 5
4	With a fused jumper wire connected to ground, probe the lamp control circuit in the PCM harness connector. Is the lamp ON?	—	Go to Step 6	Go to Step 7
5	Repair the short to ground in the lamp control circuit. Is the repair complete?	—	Go to Step 9	—
6	Check the connections at the PCM. Was a problem found and corrected?	—	Go to Step 9	Go to Step 8
7	Check for the following conditions: • Faulty bulb • Open ignition feed to the bulb • Control circuit open or shorted to B+. Refer to <i>Repair Procedures in Electrical Diagnosis (8A Cell 5)</i> . Is the repair complete?	—	Go to Step 9	—
8	Important: Replacement PCM must be programmed. Refer to <i>PCM Replacement/Programming</i> . Replace the PCM. Is the action complete?	—	Go to Step 9	—
9	1. Using the scan tool, select DTC, Clear Info. 2. Start the engine and idle at normal operating temperature. 3. Select DTC, Specific, then enter the DTC number which was set. 4. Operate the vehicle within the conditions for setting this DTC as specified in the supporting text, if applicable. Does the scan tool indicate that this test ran and passed?	—	Go to Step 10	Go to Step 2
10	Using the scan tool, select Capture Info, Review Info. Are any DTCs displayed that have not been diagnosed?	—	Go to the applicable DTC table	System OK