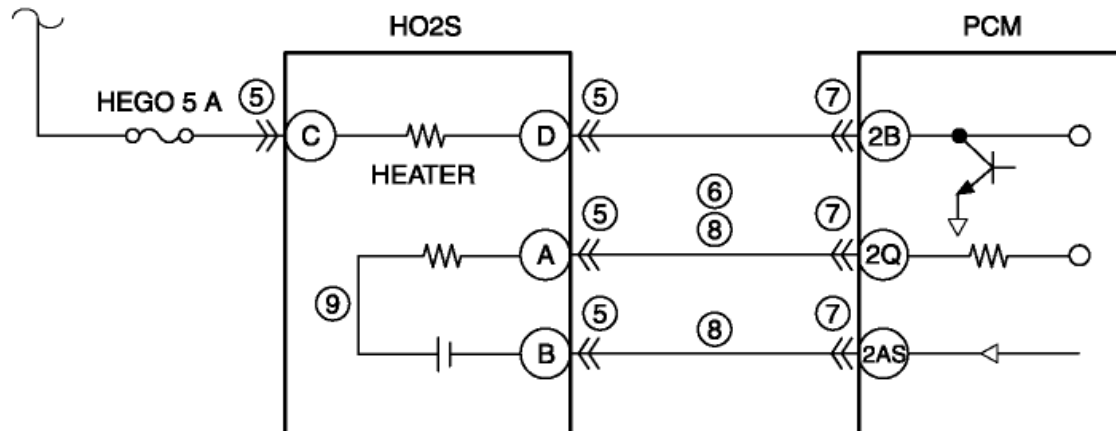


2012 - Mazda6 - Engine

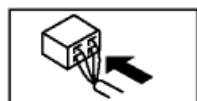
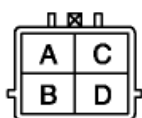
DTC P0137:00 [MZR 2.5]

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DTC<br>P0137:00        | HO2S circuit low input                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DETECTION<br>CONDITION | <ul style="list-style-type: none"><li>The PCM monitors input voltage from HO2S. If the input voltage from the HO2S is <b>below –1.15 V</b> or HO2S bias voltage <b>below 1.2 V for 5 s</b> while the HO2S is active, the PCM determines that circuit input is low. (TYPE A)</li><li>The PCM monitors input voltage from HO2S. If the input voltage from the HO2S is <b>below –1.15 V</b> or HO2S bias voltage <b>below 1.3 V for 5 s</b> while the HO2S is active, the PCM determines that circuit input is low. (TYPE B)</li></ul> <p><b>Diagnostic support note</b></p> <ul style="list-style-type: none"><li>This is a continuous monitor (A/F sensor, HO2S).</li><li>The MIL illuminates if the PCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the PCM.</li><li>PENDING CODE is available if the PCM detects the above malfunction condition during the first drive cycle.</li><li>FREEZE FRAME DATA (Mode 2)/Snapshot data is available.</li><li>The DTC is stored in the PCM memory.</li></ul> |
| POSSIBLE<br>CAUSE      | <ul style="list-style-type: none"><li>HO2S connector or terminal malfunction</li><li>Short to ground in wiring harness between HO2S terminal A and PCM terminal 2Q</li><li>PCM connector or terminal malfunction</li><li>Open circuit in wiring between HO2S terminal A and PCM terminal 2Q</li><li>Open circuit in wiring between HO2S terminal B and PCM terminal 2AS</li><li>HO2S malfunction</li><li>PCM malfunction</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

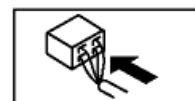
IGNITION SWITCH (IG1)  
 TERMINAL C\*<sup>1</sup>/  
 RELAY BLOCK (IG1 RELAY)  
 TERMINAL 1B\*<sup>2</sup>



HO2S  
 WIRING HARNESS-SIDE  
 CONNECTOR



PCM WIRING HARNESS-SIDE CONNECTOR



\*1

Vehicles without advanced keyless entry and push button start system

\*2

Vehicles with advanced keyless entry and push button start system

#### Diagnostic procedure

| STEP | INSPECTION                                                                                                                                                                                                                                                                                             | ACTION                                                                                                                                                                       |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <b>IDENTIFY TRIGGER DTC FOR FREEZE FRAME DATA (MODE 2)</b> <ul style="list-style-type: none"> <li>Is the DTC P0137:00 on FREEZE FRAME DATA (Mode 2)?</li> </ul>                                                                                                                                        | Yes Go to the next step.<br><br>No Go to troubleshooting procedures for DTC on FREEZE FRAME DATA (Mode 2).<br>(See <a href="#">DTC TABLE [MZR 2.5]</a> .)                    |
| 2    | <b>VERIFY FREEZE FRAME DATA (MODE 2)/ SNAPSHOT DATA AND DIAGNOSTIC MONITORING TEST RESULTS HAVE BEEN RECORDED</b> <ul style="list-style-type: none"> <li>Have the FREEZE FRAME DATA (Mode 2)/snapshot data and DIAGNOSTIC MONITORING TEST RESULTS (A/F sensor, HO2S related) been recorded?</li> </ul> | Yes Go to the next step.<br><br>No Record the FREEZE FRAME DATA (Mode 2)/snapshot data and DIAGNOSTIC MONITORING TEST RESULTS on the repair order, then go to the next step. |
| 3    | <b>VERIFY RELATED REPAIR INFORMATION AVAILABILITY</b> <ul style="list-style-type: none"> <li>Verify related Service Bulletins and/or on-line repair information availability.</li> </ul>                                                                                                               | Yes Perform repair or diagnosis according to the available repair information.<br><br>• If the vehicle is not repaired, go to the                                            |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | Is any related repair information available?                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | next step.                                                                                                                                                                                                                                                                                                                                                                                                       |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 4 | <b>VERIFY RELATED PENDING AND STORED DTC</b> <ul style="list-style-type: none"> <li>Switch the ignition to off, then to ON (engine off).</li> <li>Verify the pending or stored DTCs using the M-MDS.</li> </ul> (See <b>ON-BOARD DIAGNOSTIC TEST [MZR 2.5]</b> .) <ul style="list-style-type: none"> <li>Are any other DTCs present?</li> </ul>                                                                                                                                    | Yes | Go to the applicable DTC inspection.<br>(See <b>DTC TABLE [MZR 2.5]</b> .)                                                                                                                                                                                                                                                                                                                                       |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 5 | <b>INSPECT HO2S CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>Switch the ignition to off.</li> <li>Disconnect the HO2S connector.</li> <li>Inspect for poor connection (such as damaged/pulled-out pins, corrosion).</li> <li>Is there any malfunction?</li> </ul>                                                                                                                                                                                                | Yes | Repair or replace the terminal and/or connector, then go to Step 10.                                                                                                                                                                                                                                                                                                                                             |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 6 | <b>INSPECT HO2S SIGNAL CIRCUIT FOR SHORT TO GROUND</b> <ul style="list-style-type: none"> <li>HO2S connector is disconnected.</li> <li>Inspect for continuity between HO2S terminal A (wiring harness-side) and body ground.</li> <li>Is there continuity?</li> </ul>                                                                                                                                                                                                              | Yes | If the short to ground circuit could be detected: <ul style="list-style-type: none"> <li>Repair or replace the wiring harness for a possible short to ground.</li> </ul> If the short to ground circuit could not be detected: <ul style="list-style-type: none"> <li>Replace the PCM (short to ground in PCM internal circuit).</li> </ul> (See <b>PCM REMOVAL/ INSTALLATION [MZR 2.5]</b> .)<br>Go to Step 10. |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 7 | <b>INSPECT PCM CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>Disconnect the PCM connector.</li> <li>Inspect for poor connection (such as damaged/pulled-out pins, corrosion).</li> <li>Is there any malfunction?</li> </ul>                                                                                                                                                                                                                                       | Yes | Repair or replace the terminal and/or connector, then go to Step 10.                                                                                                                                                                                                                                                                                                                                             |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 8 | <b>INSPECT HO2S CIRCUIT FOR OPEN CIRCUIT</b> <ul style="list-style-type: none"> <li>HO2S and PCM connectors are disconnected.</li> <li>Inspect for continuity between the following terminals:               <ul style="list-style-type: none"> <li>HO2S terminal A (wiring harness-side) and PCM terminal 2Q (wiring harness-side)</li> <li>HO2S terminal B (wiring harness-side) and PCM terminal 2AS (wiring harness-side)</li> </ul> </li> <li>Is there continuity?</li> </ul> | Yes | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Repair or replace the wiring harness for a possible open circuit, then go to Step 10.                                                                                                                                                                                                                                                                                                                            |
| 9 | <b>INSPECT HO2S</b> <ul style="list-style-type: none"> <li>Reconnect all disconnected connectors.</li> <li>Inspect the HO2S.</li> </ul> (See <b>HEATED OXYGEN SENSOR (HO2S) INSPECTION</b> )                                                                                                                                                                                                                                                                                       | Yes | Replace the HO2S, then go to the next step.<br><br>(See <b>HEATED OXYGEN SENSOR (HO2S) REMOVAL/ INSTALLATION [MZR 2.5]</b> .)                                                                                                                                                                                                                                                                                    |

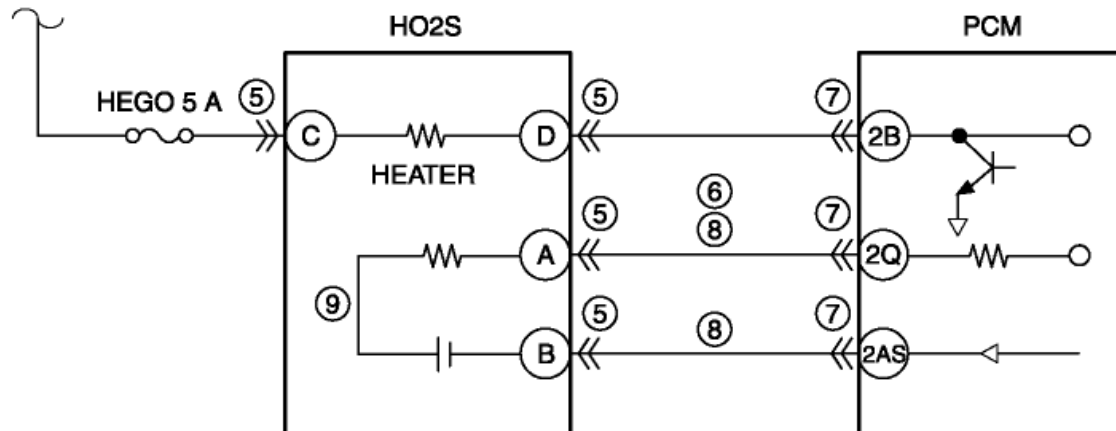
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                       |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><a href="#">[MZR 2.5].</a>)</p> <ul style="list-style-type: none"> <li>Is there any malfunction?</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No  | Go to the next step.                                                                                                                                                                                                                  |
| 10 | <p><b>VERI FY DTC TROUBLESHOOTING COMPLETED</b></p> <ul style="list-style-type: none"> <li>Make sure to reconnect all disconnected connectors.</li> <li>Clear the DTC from the PCM memory using the M-MDS.</li> </ul> <p>(See <a href="#">AFTER REPAIR PROCEDURE [MZR 2.5].</a>)</p> <ul style="list-style-type: none"> <li>Perform the Drive Mode 03 (EGR System, A/F sensor heater, HO2S heater, A/F sensor, HO2S and TWC Repair Verification Drive Mode).</li> </ul> <p>(See <a href="#">OBD-II DRIVE MODE [MZR 2.5].</a>)</p> <ul style="list-style-type: none"> <li>Is the PENDING CODE for this DTC present?</li> </ul> | Yes | <p>Repeat the inspection from Step 1.</p> <ul style="list-style-type: none"> <li>If the malfunction recurs, replace the PCM.</li> </ul> <p>(See <a href="#">PCM REMOVAL/ INSTALLATION [MZR 2.5].</a>)</p> <p>Go to the next step.</p> |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No  | Go to the next step.                                                                                                                                                                                                                  |
| 11 | <p><b>VERI FY AFTER REPAI R PROCEDURE</b></p> <ul style="list-style-type: none"> <li>Perform the "AFTER REPAIR PROCEDURE".</li> </ul> <p>(See <a href="#">AFTER REPAIR PROCEDURE [MZR 2.5].</a>)</p> <ul style="list-style-type: none"> <li>Are any DTCs present?</li> </ul>                                                                                                                                                                                                                                                                                                                                                  | Yes | <p>Go to the applicable DTC inspection.</p> <p>(See <a href="#">DTC TABLE [MZR 2.5].</a>)</p>                                                                                                                                         |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No  | DTC troubleshooting completed.                                                                                                                                                                                                        |

2012 - Mazda6 - Engine

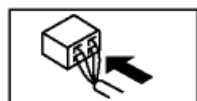
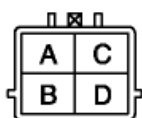
DTC P0137:00 [MZR 2.5]

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DTC<br>P0137:00        | HO2S circuit low input                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DETECTION<br>CONDITION | <ul style="list-style-type: none"><li>• The PCM monitors input voltage from HO2S. If the input voltage from the HO2S is <b>below –1.15 V</b> or HO2S bias voltage <b>below 1.2 V for 5 s</b> while the HO2S is active, the PCM determines that circuit input is low. (TYPE A)</li><li>• The PCM monitors input voltage from HO2S. If the input voltage from the HO2S is <b>below –1.15 V</b> or HO2S bias voltage <b>below 1.3 V for 5 s</b> while the HO2S is active, the PCM determines that circuit input is low. (TYPE B)</li></ul> <p><b>Diagnostic support note</b></p> <ul style="list-style-type: none"><li>• This is a continuous monitor (A/F sensor, HO2S).</li><li>• The MIL illuminates if the PCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the PCM.</li><li>• PENDING CODE is available if the PCM detects the above malfunction condition during the first drive cycle.</li><li>• FREEZE FRAME DATA (Mode 2)/Snapshot data is available.</li><li>• The DTC is stored in the PCM memory.</li></ul> |
| POSSIBLE<br>CAUSE      | <ul style="list-style-type: none"><li>• HO2S connector or terminal malfunction</li><li>• Short to ground in wiring harness between HO2S terminal A and PCM terminal 2Q</li><li>• PCM connector or terminal malfunction</li><li>• Open circuit in wiring between HO2S terminal A and PCM terminal 2Q</li><li>• Open circuit in wiring between HO2S terminal B and PCM terminal 2AS</li><li>• HO2S malfunction</li><li>• PCM malfunction</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

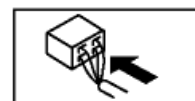
IGNITION SWITCH (IG1)  
 TERMINAL C\*<sup>1</sup>/  
 RELAY BLOCK (IG1 RELAY)  
 TERMINAL 1B\*<sup>2</sup>



HO2S  
 WIRING HARNESS-SIDE  
 CONNECTOR



PCM WIRING HARNESS-SIDE CONNECTOR



\*1

Vehicles without advanced keyless entry and push button start system

\*2

Vehicles with advanced keyless entry and push button start system

#### Diagnostic procedure

| STEP | INSPECTION                                                                                                                                                                                                                                                                                             | ACTION                                                                                                                                                                   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <b>IDENTIFY TRIGGER DTC FOR FREEZE FRAME DATA (MODE 2)</b> <ul style="list-style-type: none"> <li>Is the DTC P0137:00 on FREEZE FRAME DATA (Mode 2)?</li> </ul>                                                                                                                                        | Yes Go to the next step.<br>No Go to troubleshooting procedures for DTC on FREEZE FRAME DATA (Mode 2).<br>(See <a href="#">DTC TABLE [MZR 2.5]</a> .)                    |
| 2    | <b>VERIFY FREEZE FRAME DATA (MODE 2)/ SNAPSHOT DATA AND DIAGNOSTIC MONITORING TEST RESULTS HAVE BEEN RECORDED</b> <ul style="list-style-type: none"> <li>Have the FREEZE FRAME DATA (Mode 2)/snapshot data and DIAGNOSTIC MONITORING TEST RESULTS (A/F sensor, HO2S related) been recorded?</li> </ul> | Yes Go to the next step.<br>No Record the FREEZE FRAME DATA (Mode 2)/snapshot data and DIAGNOSTIC MONITORING TEST RESULTS on the repair order, then go to the next step. |
| 3    | <b>VERIFY RELATED REPAIR INFORMATION AVAILABILITY</b> <ul style="list-style-type: none"> <li>Verify related Service Bulletins and/or on-line repair information availability.</li> </ul>                                                                                                               | Yes Perform repair or diagnosis according to the available repair information.<br>• If the vehicle is not repaired, go to the                                            |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | Is any related repair information available?                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | next step.                                                                                                                                                                                                                                                                                                                                                                                                       |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 4 | <b>VERIFY RELATED PENDING AND STORED DTC</b> <ul style="list-style-type: none"> <li>Switch the ignition to off, then to ON (engine off).</li> <li>Verify the pending or stored DTCs using the M-MDS.</li> </ul> (See <b>ON-BOARD DIAGNOSTIC TEST [MZR 2.5]</b> .) <ul style="list-style-type: none"> <li>Are any other DTCs present?</li> </ul>                                                                                                                                    | Yes | Go to the applicable DTC inspection.<br>(See <b>DTC TABLE [MZR 2.5]</b> .)                                                                                                                                                                                                                                                                                                                                       |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 5 | <b>INSPECT HO2S CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>Switch the ignition to off.</li> <li>Disconnect the HO2S connector.</li> <li>Inspect for poor connection (such as damaged/pulled-out pins, corrosion).</li> <li>Is there any malfunction?</li> </ul>                                                                                                                                                                                                | Yes | Repair or replace the terminal and/or connector, then go to Step 10.                                                                                                                                                                                                                                                                                                                                             |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 6 | <b>INSPECT HO2S SIGNAL CIRCUIT FOR SHORT TO GROUND</b> <ul style="list-style-type: none"> <li>HO2S connector is disconnected.</li> <li>Inspect for continuity between HO2S terminal A (wiring harness-side) and body ground.</li> <li>Is there continuity?</li> </ul>                                                                                                                                                                                                              | Yes | If the short to ground circuit could be detected: <ul style="list-style-type: none"> <li>Repair or replace the wiring harness for a possible short to ground.</li> </ul> If the short to ground circuit could not be detected: <ul style="list-style-type: none"> <li>Replace the PCM (short to ground in PCM internal circuit).</li> </ul> (See <b>PCM REMOVAL/ INSTALLATION [MZR 2.5]</b> .)<br>Go to Step 10. |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 7 | <b>INSPECT PCM CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>Disconnect the PCM connector.</li> <li>Inspect for poor connection (such as damaged/pulled-out pins, corrosion).</li> <li>Is there any malfunction?</li> </ul>                                                                                                                                                                                                                                       | Yes | Repair or replace the terminal and/or connector, then go to Step 10.                                                                                                                                                                                                                                                                                                                                             |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
| 8 | <b>INSPECT HO2S CIRCUIT FOR OPEN CIRCUIT</b> <ul style="list-style-type: none"> <li>HO2S and PCM connectors are disconnected.</li> <li>Inspect for continuity between the following terminals:               <ul style="list-style-type: none"> <li>HO2S terminal A (wiring harness-side) and PCM terminal 2Q (wiring harness-side)</li> <li>HO2S terminal B (wiring harness-side) and PCM terminal 2AS (wiring harness-side)</li> </ul> </li> <li>Is there continuity?</li> </ul> | Yes | Go to the next step.                                                                                                                                                                                                                                                                                                                                                                                             |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No  | Repair or replace the wiring harness for a possible open circuit, then go to Step 10.                                                                                                                                                                                                                                                                                                                            |
| 9 | <b>INSPECT HO2S</b> <ul style="list-style-type: none"> <li>Reconnect all disconnected connectors.</li> <li>Inspect the HO2S.</li> </ul> (See <b>HEATED OXYGEN SENSOR (HO2S) INSPECTION</b> )                                                                                                                                                                                                                                                                                       | Yes | Replace the HO2S, then go to the next step.<br><br>(See <b>HEATED OXYGEN SENSOR (HO2S) REMOVAL/ INSTALLATION [MZR 2.5]</b> .)                                                                                                                                                                                                                                                                                    |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                       |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><a href="#">[MZR 2.5].</a>)</p> <ul style="list-style-type: none"> <li>Is there any malfunction?</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No  | Go to the next step.                                                                                                                                                                                                                  |
| 10 | <p><b>VERI FY DTC TROUBLESHOOTING COMPLETED</b></p> <ul style="list-style-type: none"> <li>Make sure to reconnect all disconnected connectors.</li> <li>Clear the DTC from the PCM memory using the M-MDS.</li> </ul> <p>(See <a href="#">AFTER REPAIR PROCEDURE [MZR 2.5].</a>)</p> <ul style="list-style-type: none"> <li>Perform the Drive Mode 03 (EGR System, A/F sensor heater, HO2S heater, A/F sensor, HO2S and TWC Repair Verification Drive Mode).</li> </ul> <p>(See <a href="#">OBD-II DRIVE MODE [MZR 2.5].</a>)</p> <ul style="list-style-type: none"> <li>Is the PENDING CODE for this DTC present?</li> </ul> | Yes | <p>Repeat the inspection from Step 1.</p> <ul style="list-style-type: none"> <li>If the malfunction recurs, replace the PCM.</li> </ul> <p>(See <a href="#">PCM REMOVAL/ INSTALLATION [MZR 2.5].</a>)</p> <p>Go to the next step.</p> |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No  | Go to the next step.                                                                                                                                                                                                                  |
| 11 | <p><b>VERI FY AFTER REPAI R PROCEDURE</b></p> <ul style="list-style-type: none"> <li>Perform the "AFTER REPAIR PROCEDURE".</li> </ul> <p>(See <a href="#">AFTER REPAIR PROCEDURE [MZR 2.5].</a>)</p> <ul style="list-style-type: none"> <li>Are any DTCs present?</li> </ul>                                                                                                                                                                                                                                                                                                                                                  | Yes | <p>Go to the applicable DTC inspection.</p> <p>(See <a href="#">DTC TABLE [MZR 2.5].</a>)</p>                                                                                                                                         |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No  | DTC troubleshooting completed.                                                                                                                                                                                                        |