

2012 - Mazda6 - Engine

AFTER SERVICE PRECAUTION [MZR 2.5]

WARNING:

- Fuel line spills and leakage are dangerous. Fuel can ignite and cause serious injuries or death and damage. When installing the fuel hose, perform "Fuel Leakage Inspection" described below.
- A person charged with static electricity could cause a fire or explosion, resulting in death or serious injury. Before performing work on the fuel system, discharge static electricity by touching the vehicle body.

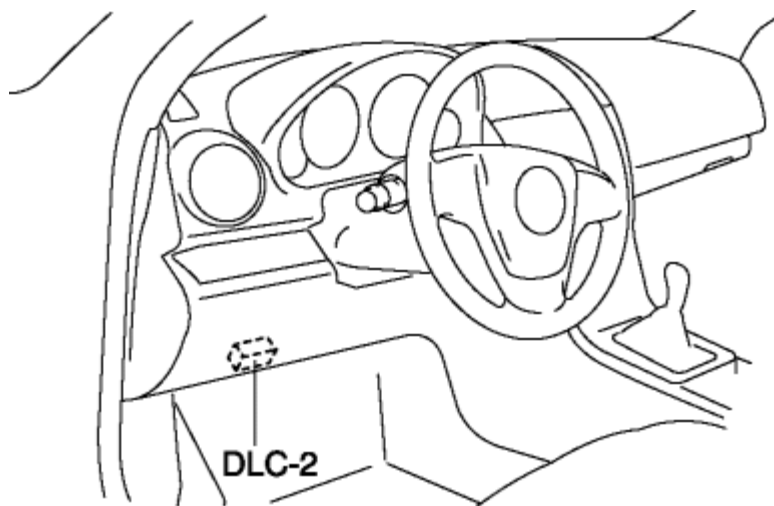
Fuel Leakage Inspection

CAUTION:

- Connecting to the wrong check connector terminal may cause a malfunction. Carefully connect only to the specified terminal.

Using M-MDS

1. Connect the M-MDS to the DLC-2.



2. Switch the ignition to ON.
3. Using the simulation function "FP", start the fuel pump. (See [ON-BOARD DIAGNOSTIC TEST \[MZR 2.5\]](#).)
4. Verify that there is no fuel leakage from the pressurized parts.

Standard

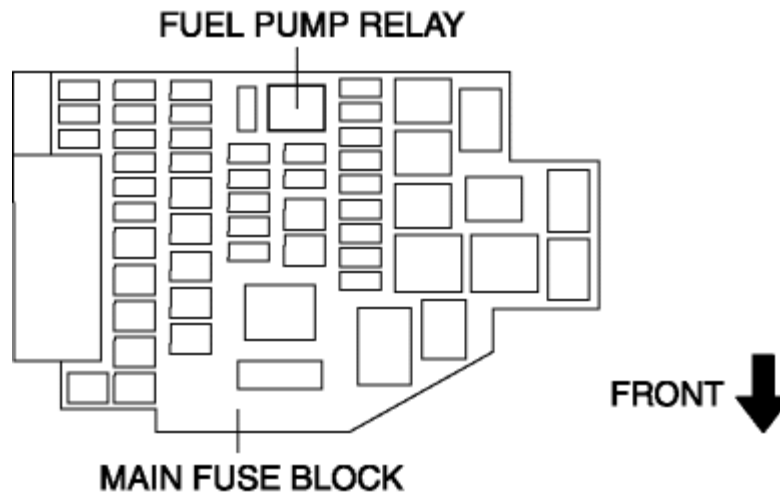
- There shall be no leakage after 5 min.

5. In the case of fuel leakage, replace the following components and then do the recheck by the fuel leakage checking procedure.

- If there is leakage, replace the fuel hoses and clips.
- If there is damage on the seal on the fuel pipe side, replace the fuel pipe.

Without using M-MDS

1. Disconnect the negative battery cable. (See [BATTERY REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)
2. Remove the fuel pump relay.

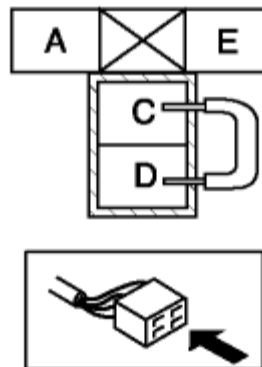


CAUTION:

- Short the specified terminals because shorting the wrong terminal of the main fuse block may cause malfunctions.

3. Using a jumper wire, short fuel pump relay terminals C and D in the main fuse block.

MAIN FUSE BLOCK (FUEL PUMP RELAY)



4. Connect the negative battery cable and operate the fuel pump. (See [BATTERY REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)

5. Verify that there is no fuel leakage from the pressurized parts.

Standard

- There shall be no leakage after 5 min.

6. In the case of fuel leakage, replace the following components and then do the recheck by the fuel leakage checking procedure.

- If there is leakage, replace the fuel hoses and clips.
- If there is damage on the seal on the fuel pipe side, replace the fuel pipe.

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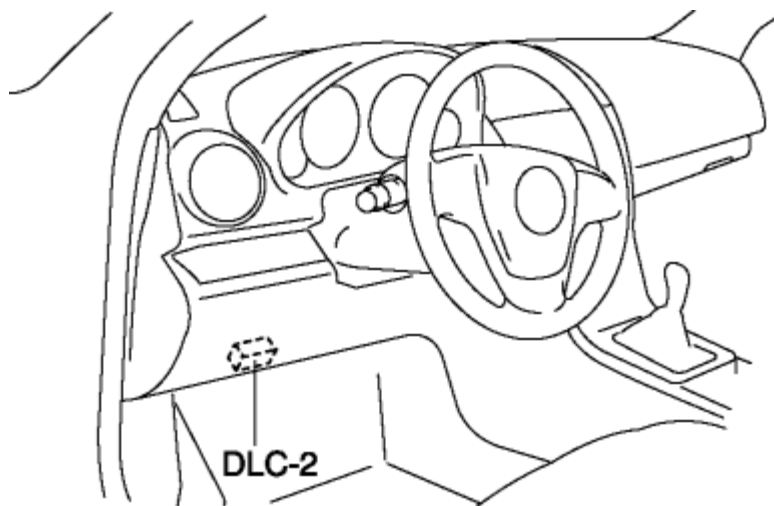
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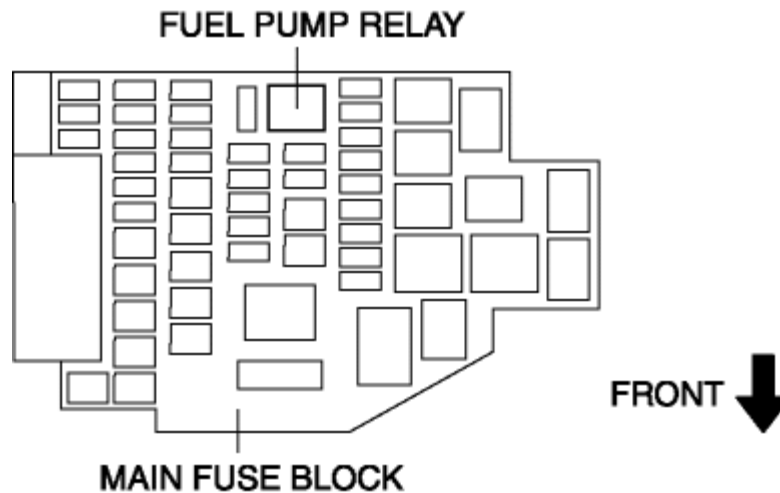
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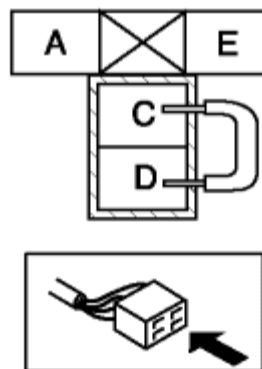


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(FUEL PUMP RELAY)**



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