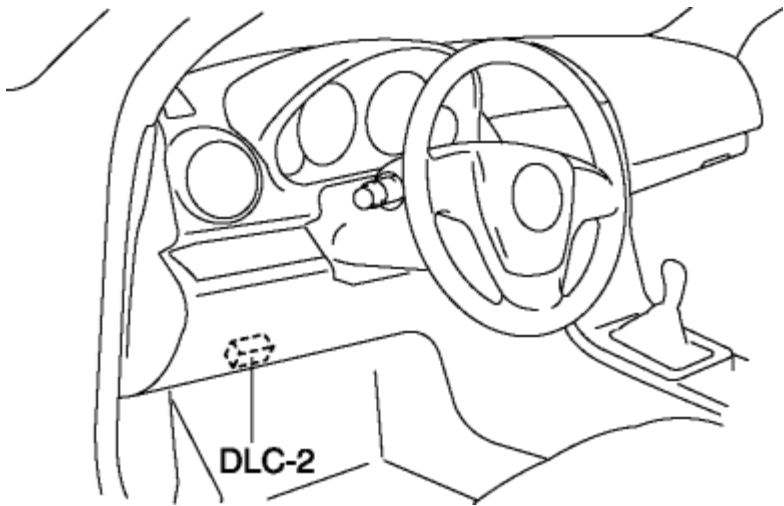


2012 - Mazda6 - Transmission/ Transaxle

ON-BOARD DIAGNOSTIC SYSTEM SIMULATION INSPECTION [FS5A-EL]

1. Connect the M-MDS (IDS) to the DLC-2.



2. After the vehicle is identified, select the following items from the initialization screen of the M-MDS.

- Select "DataLogger".
- Select "Modules".
- Select "TCM".

3. Select the simulation items from the PID table.

4. Perform the simulation function, inspect the operations for each parts.

- If the operation of output parts cannot be verified after the active command mode inspection is performed, this could indicate the possibility of an open or short circuit, sticking, or operation malfunction in the output parts.

Simulation table

Item	Related to	Unit/Condition	Test condition
LPS	Pressure control solenoid A	A	Idling at P or N position
LPSB	Pressure control solenoid B	%	Idling at P or N position
SSA/SS1	Shift solenoid A	%	Idling at P or N position
SSB/SS2	Shift solenoid B	%	Idling at P or N position

SSC/SS3	Shift solenoid C	%	Idling at P or N position
SSD/SS4	Shift solenoid D	On/Off	Idling at P or N position
SSE_SS5	Shift solenoid E	On/Off	Idling at P or N position
SSF_SS6	Shift solenoid F	On/Off	Idling at P or N position

[< Previous](#) [Next >](#)

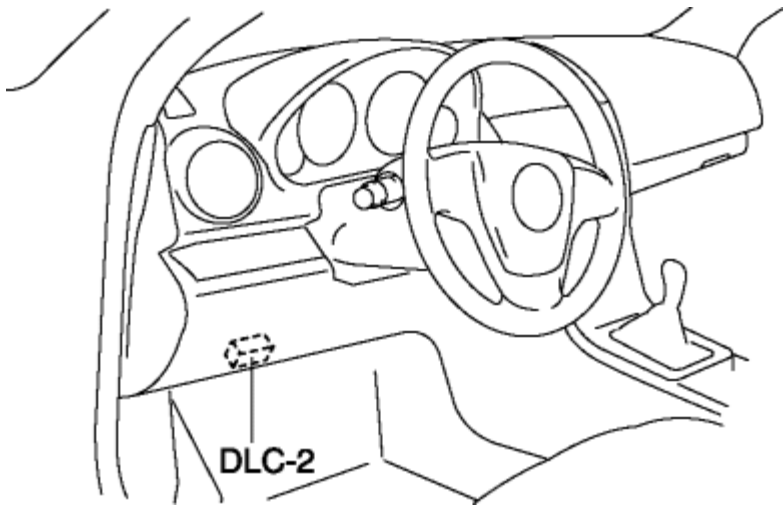
[Back to Top](#)

© 2012 Mazda North American Operations, U.S.A.

2012 - Mazda6 - Transmission/ Transaxle

ON-BOARD DIAGNOSTIC SYSTEM SIMULATION INSPECTION [FS5A-EL]

1. Connect the M-MDS (IDS) to the DLC-2.



2. After the vehicle is identified, select the following items from the initialization screen of the M-MDS.

- Select "DataLogger".
- Select "Modules".
- Select "TCM".

3. Select the simulation items from the PID table.

4. Perform the simulation function, inspect the operations for each parts.

- If the operation of output parts cannot be verified after the active command mode inspection is performed, this could indicate the possibility of an open or short circuit, sticking, or operation malfunction in the output parts.

Simulation table

Item	Related to	Unit/Condition	Test condition
LPS	Pressure control solenoid A	A	Idling at P or N position
LPSB	Pressure control solenoid B	%	Idling at P or N position
SSA/SS1	Shift solenoid A	%	Idling at P or N position
SSB/SS2	Shift solenoid B	%	Idling at P or N position

SSC/SS3	Shift solenoid C	%	Idling at P or N position
SSD/SS4	Shift solenoid D	On/Off	Idling at P or N position
SSE_SS5	Shift solenoid E	On/Off	Idling at P or N position
SSF_SS6	Shift solenoid F	On/Off	Idling at P or N position

[< Previous](#) [Next >](#)

[Back to Top](#)

© 2012 Mazda North American Operations, U.S.A.