

8. Inspection Mode

A: PROCEDURE

It is possible to diagnose the DTC by performing the indicated inspection mode. After correcting the DTC, perform a necessary inspection mode and make sure that the function is resumed correctly and the DTC is recorded.

1. INSPECTION MODE 1

DTC	Item	Note
B1010	Integ. Unit System Error	—
B1011	BATT P/Supply Malfunction Cont	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) Disconnect and reconnect the battery, and then wait for one minute or more.
- 4) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.

2. INSPECTION MODE 2

DTC	Item	Note
B1012	BATT P/Supply Malfunction Backup	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) Disconnect and reconnect the back-up fuse, and then wait for one minute or more.
- 4) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.

3. INSPECTION MODE 3

DTC	Item	Note
B1013	Ignition Power Failure	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) After the ignition switch is ON, wait for one minute or more.
- 4) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.

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4. INSPECTION MODE 4

DTC	Item	Note
B1014	ACC Power Failure	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) After ACC is ON, wait for one minute or more.
- 4) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.

5. INSPECTION MODE 5

DTC	Item	Note
B1015	Key Interlock Circuit Abnormal	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) After the ignition switch is ON, press the shift knob switch and wait for 10 seconds or more.
- 4) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.

6. INSPECTION MODE 6

DTC	Item	Note
B1016	Shift Lock Circuit Failure	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) After the ignition switch is ON, wait for 10 seconds or more without depressing the brake pedal. Or, after the ignition switch is ON, press the shift knob switch with the brake pedal depressed and wait for 10 seconds or more.

- 4) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.

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7. INSPECTION MODE 7

DTC	Item	Note
B1401	M Collation NG	—
B1402	Immobilizer Key Collation NG	—
B1407	M Communication Abnormal	—
B1408	Meter EEPROM Abnormal	—
B1410	Transponder Communication Abnormal	—
B1411	Immobilizer Antenna Abnormal	—
U1201	CAN-HS Counter Abnormal	—
U0073	Control Module Communication Bus Off	—
U0100	Lost Communication With ECM/PCM "A"	—
U0122	Lost Communication With Vehicle Dynamics Control Module	—
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module	—
U0327	Software Incompatibility With Vehicle Security Control Module	—
U0401	Invalid Data Received From ECM/PCM "A"	—
U0416	Invalid Data Received From Vehicle Dynamics Control Module	—
U0423	Invalid Data Received From Instrument Panel Cluster Control Module	—
U0427	Invalid Data Received From Vehicle Security Control Module	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) Turn the ignition switch OFF → ON, and wait for 10 seconds or more.
- 4) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.

8. INSPECTION MODE 8

DTC	Item	Note
U1500	Keyless UART Com. Malfunction	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) Disconnect and reconnect the battery and wait for one minute or more. Then turn the ignition switch OFF → ON and wait for 10 seconds or more.
- 4) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.

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9. INSPECTION MODE 9

DTC	Item	Note
B1405	SCU Collation NG	—
B1406	SCU_EEPROM_NG	—
B1409	SCU Communication Abnormal	—
U0101	Lost Communication With TCM	—
U0164	Lost Communication With HVAC Control Module	—
U0402	Invalid Data Received From TCM	—
U0424	Invalid Data Received From HVAC Control Module	—

Diagnostic procedure:

- 1) Perform the Clear Memory Mode.
- 2) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC. After solving the DTC, repeat from step 1).

- 3) Make sure that the reading of {Customized Setting} in body integrated unit corresponds to the vehicle.
- 4) Turn the ignition switch OFF → ON, and wait for 10 seconds or more.
- 5) Read the DTC and check that the DTC is not displayed.

NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis according to DTC.