

# Inspection Mode

ENGINE (DIAGNOSTICS)

DTC	Item	Condition
P0605	Internal Control Module Read Only Memory (ROM) Error	—
P0606	Control Module Processor	—
P060A	Internal Control Module Monitoring Processor Performance	—
P060B	Internal Control Module A/D Processing Performance	—
P0616	Starter Relay Circuit Low	—
P0617	Starter Relay Circuit High	—
P062F	Internal Control Module EEPROM Error	—
P081A	Starter Disable Circuit Low	—
P1160	Return Spring Failure	—
P2101	Throttle Actuator Control Motor Circuit Range/Performance	—
P2102	Throttle Actuator Control Motor Circuit Low	—
P2103	Throttle Actuator Control Motor Circuit High	—
P2109	Throttle/Pedal Position Sensor “A” Minimum Stop Performance	—
P2119	Throttle Actuator Control Throttle Body Range/Performance	—
P2122	Throttle/Pedal Position Sensor/Switch “D” Circuit Low Input	—
P2123	Throttle/Pedal Position Sensor/Switch “D” Circuit High Input	—
P2127	Throttle/Pedal Position Sensor/Switch “E” Circuit Low Input	—
P2128	Throttle/Pedal Position Sensor/Switch “E” Circuit High Input	—
U0073	Control Module Communication Bus “A” Off	—
U0101	Lost Communication With TCM	—
U0122	Lost Communication With Vehicle Dynamics Control Module	—
U0140	Lost Communication With Body Control Module	—
U0402	Invalid Data Received From TCM	—
U0416	Invalid Data Received From Vehicle Dynamics Control Module	—
U0422	Invalid Data Received From Body Control Module	—

## 1. PREPARATION FOR THE INSPECTION MODE

Check that the battery voltage is 12 V or more and fuel remains approx. half [20 — 40 L (5.3 — 10.6 US gal, 4.4 — 8.8 Imp gal)].

## 2. SUBARU SELECT MONITOR

- 1) Perform the Clear Memory Mode. <Ref. to EN(H4DO)(diag)-59, Clear Memory Mode.>
- 2) Read the diagnostic trouble code (DTC) and check that no DTC is displayed. <Ref. to EN(H4DO)(diag)-45, Read Diagnostic Trouble Code (DTC).>

### NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis using “Diagnostic Procedure with Diagnostic Trouble Code (DTC)”. <Ref. to EN(H4DO)(diag)-92, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> After solving the DTC, repeat from step 1).

- 3) Start the engine, and run the engine at idle for 10 seconds or more.

- 4) Read the diagnostic trouble code (DTC) and check the DTC. <Ref. to EN(H4DO)(diag)-45, Read Diagnostic Trouble Code (DTC).>

### NOTE:

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis using “Diagnostic Procedure with Diagnostic Trouble Code (DTC)”. <Ref. to EN(H4DO)(diag)-92, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> After solving the DTC, repeat from step 1).

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### 3. GENERAL SCAN TOOL

**NOTE:**

For detailed operation procedures, refer to the general scan tool operation manual.

- 1) Perform the Clear Memory Mode. <Ref. to EN(H4DO)(diag)-36, MODE \$04 (CLEAR/RESET EMISSION-RELATED DIAGNOSTIC INFORMATION), OPERATION, General Scan Tool.>
- 2) Read the diagnostic trouble code (DTC) and check that no DTC is displayed. <Ref. to EN(H4DO)(diag)-37, MODE \$07, OPERATION, General Scan Tool.>

**NOTE:**

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis using “Diagnostic Procedure with Diagnostic Trouble Code (DTC)”. <Ref. to EN(H4DO)(diag)-92, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> After solving the DTC, repeat from step 1).

3) Start the engine, and run the engine at idle for 10 seconds or more.

4) Read the diagnostic trouble code (DTC) and check the DTC. <Ref. to EN(H4DO)(diag)-37, MODE \$07, OPERATION, General Scan Tool.>

**NOTE:**

If the DTC is displayed on the screen, the trouble is still present. Perform the diagnosis using “Diagnostic Procedure with Diagnostic Trouble Code (DTC)”. <Ref. to EN(H4DO)(diag)-92, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> After solving the DTC, repeat from step 1).