14. Compulsory Valve Operation Check Mode
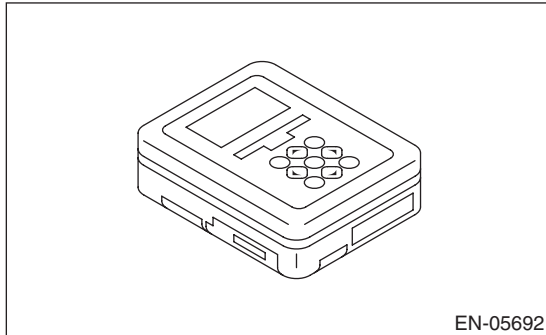
A: OPERATION

1) Prepare the Subaru Select Monitor kit. <Ref. to EN(H6DO)(diag)-7, PREPARATION TOOL, General Description.>
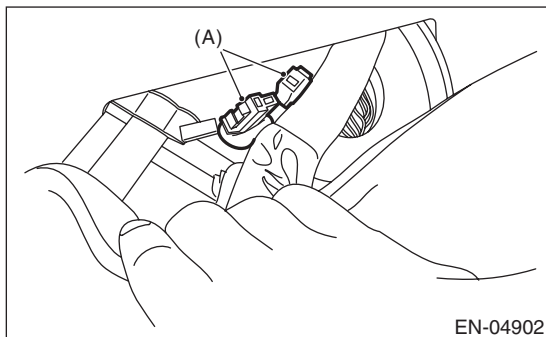

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2) Prepare PC with Subaru Select Monitor installed.
3) Connect the SDI (Subaru Diagnostic Interface) to the PC USB port (exclusively for Subaru Select Monitor) using a USB cable.
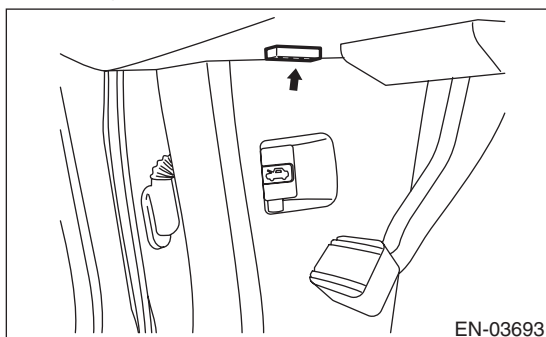
NOTE:
The dedicated port for the Subaru Select Monitor means the USB port which was used to install the Subaru Select Monitor.
4) Connect the diagnosis cable to SDI.
5) Connect the delivery (test) mode connector (A) located under the glove box.

(A)

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6) Connect the SDI to data link connector located in the lower portion of the instrument panel (on the driver's side).

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CAUTION:
Do not connect the scan tools except for Subaru Select Monitor and general scan tool.

7) Start up the PC.
8) Turn the ignition switch to ON (engine OFF) and run the "PC application for Subaru Select Monitor".
9) On the «Main Menu», select {Each System Check}.
10) On the «System Selection Menu», select {Engine Control System}.
11) Click the [OK] key after the information regarding engine type has been displayed.
12) Select {System Operation Check Mode} on the «Engine Diagnosis» display screen.
13) On the «System Operation Check Mode» display screen, select the {Actuator ON/OFF Operation}.
14) Select the desired actuator on the «Actuator ON/OFF Operation» display screen and click the [Next] button.
15) Clicking the [Quit] button completes the compulsory valve operation check mode. The display will then return to the «Actuator ON/OFF Operation» screen.

• A list of the support data is shown in the following table.

Description	Display
Compulsory fuel pump relay operation check	Fuel Pump Relay
Compulsory radiator fan relay operation check	Radiator Fan Relay
Compulsory air conditioning relay operation check	A/C Compressor Relay
Compulsory purge control solenoid valve operation check	CPC Solenoid Valve
Compulsory drain valve operation check	Vent. Solenoid Valve

NOTE:
• The following parts will be displayed but not functional.

Display
EGR Solenoid Valve
ASV Solenoid Valve
FICD Solenoid
Pressure Switching Sol.1
Pressure Switching Sol.2
Turbocharger Wastegate Solenoid
AAI Solenoid Valve
EXH. Bypass Control Permit Flag
PCV Solenoid Valve
Tank Sensor Cntl Valve
Secondary Air Combi Valve 1

• For detailed operation procedure, refer to the "PC application help for Subaru Select Monitor".