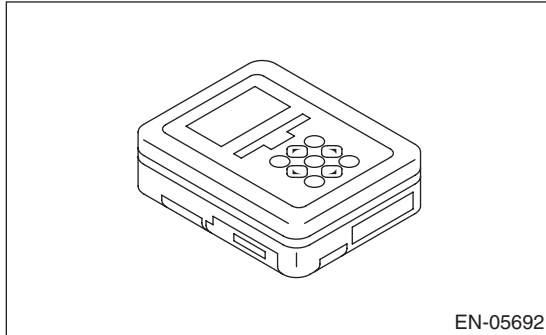


14. Compulsory Valve Operation Check Mode

A: PROCEDURE

1) Prepare the Subaru Select Monitor kit. <Ref. to EN(H4DOTC)(diag)-7, PREPARATION TOOL, General Description.>



2) Prepare the personal computer which has been installed the Subaru Select Monitor.

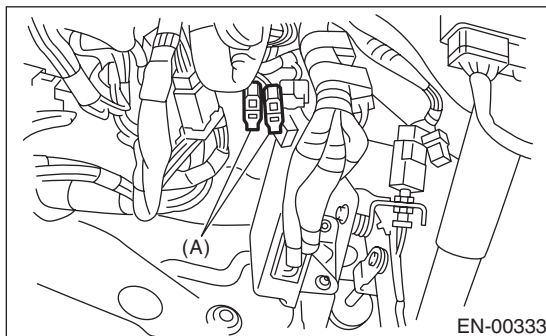
3) Connect the USB cable between SDI (Subaru Diagnosis Interface) and USB port on the personal computer (dedicated port for the Subaru Select Monitor).

NOTE:

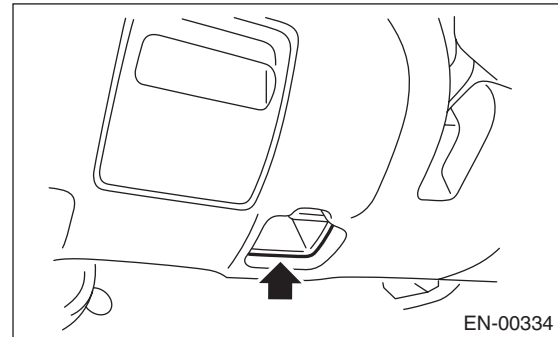
The dedicated port for the Subaru Select Monitor means the USB port which was used to install the Subaru Select Monitor.

4) Connect the diagnosis cable to the SDI.

5) Connect the delivery (test) mode connector (A) at the lower portion of instrument panel (on the driver's side).



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



CAUTION:

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

7) Start up the personal computer.

8) Turn the ignition switch to ON (engine OFF), and run the "PC application for Subaru Select Monitor".

9) On the «Main Menu» display screen, select the {Each System Check}.

10) On the «System Selection Menu» display screen, select the {Engine Control System}.

11) Click the [OK] button after the information of engine type has been displayed.

12) On the «Engine Diagnosis» display screen, select the {System Operation Check Mode}.

13) On the «System operation check mode» display screen, select the {Actuator ON/OFF Operation}.

14) Select the desired compulsory actuator on the «Actuator ON/OFF Operation» display screen and click the [Next] button.

Compulsory Valve Operation Check Mode

ENGINE (DIAGNOSTICS)

15) Clicking the [End] 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.

Contents	Display
Compulsory fuel pump relay operation check	Fuel Pump
Compulsory radiator fan relay operation check	Radiator Fan Relay
Compulsory air conditioning relay operation check	A/C Compressor Relay
Compulsory purge control solenoid 1 valve operation check	CPC Solenoid
Compulsory purge control solenoid 2 valve operation check	CPC Solenoid 2
Compulsory pressure control solenoid valve operation check	PCV solenoid
Compulsory drain valve operation check	Vent Control Solenoid
Compulsory wastegate control solenoid valve operation check	Wastegate control Solenoid
Secondary air combination valve 1 compulsory operation check	Secondary Air Combination Valve 1
Secondary air combination valve 2 compulsory operation check	Secondary Air Combination Valve 2
Secondary air pump relay compulsory operation check	Secondary air pump relay

NOTE:

- The following parts will be displayed but not functional because they are not installed on the vehicle.

Display
EGR Solenoid
ASV Solenoid
FICD Solenoid
Pressure Switching Sol.1
Pressure Switching Sol.2
AAI Solenoid
EXH. Bypass Control Permit Flag

- For detailed operation procedure, refer to the “PC application help for Subaru Select Monitor”.