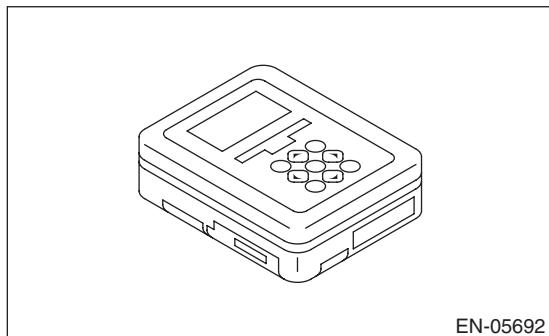


6. Subaru Select Monitor

A: OPERATION

1. READ DIAGNOSTIC TROUBLE CODE (DTC)

1) Prepare the Subaru Select Monitor kit. <Ref. to BVC(diag)-5, SPECIAL TOOL, PREPARATION TOOL, General Description.>

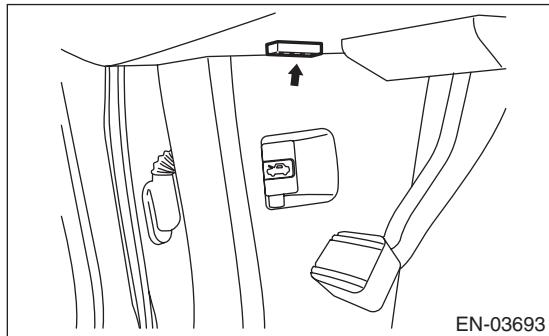


2) Prepare PC with Subaru Select Monitor installed.
3) Connect USB cable to SDI (Subaru Diagnostic Interface) and PC USB port (Subaru Select Monitor dedicated port).

NOTE:

Subaru Select Monitor dedicated port indicates USB port used when installing Subaru Select Monitor.

4) Connect the diagnosis cable to the SDI.
5) Connect the SDI to the 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.

6) Start a PC.

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

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

9) On the «System Selection Menu» display screen, select the {Brake Vacuum Pump System}.

10) Click the [OK] button after the {3.6 DOHC} is displayed.

11) On the «Brake Vacuum Pump Sys Diagnosis» display screen, select the {Diagnostic Code(s) Display}.

12) Record the DTC and data.

NOTE:

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

- For details concerning DTCs, refer to “List of Diagnostic Trouble Code (DTC)”. <Ref. to BVC(diag)-16, List of Diagnostic Trouble Code (DTC).>

Subaru Select Monitor

BRAKE VACUUM CONTROL(BVC) (DIAGNOSTICS)

2. READ CURRENT DATA

- 1) On the «Main Menu» display screen, select {Each System Check}.
- 2) On the «System Selection Menu» display screen, select the {Brake Vacuum Pump System}.
- 3) Click the [OK] button after the {3.6 DOHC} is displayed.
- 4) On the «Brake Vacuum Pump Sys Diagnosis» display screen, select the {Current Data Display & Save}.
- 5) On the «Data Display Menu» screen, select the {Data Display}.
- 6) Using a scroll key, scroll the display screen up or down until necessary data is shown.

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

Display	Contents to be displayed	Unit of measure
Atmosphere Pressure	Atmospheric pressure is displayed.	mmHg, kPa or psig
Brake Booster Pressure	Brake booster pressure is displayed.	mmHg, kPa or psig
Test Mode Signal	Test mode terminal connection status is displayed.	D Check or U Check
Vacuum Pump Motor	Negative pressure pump motor operating status is displayed.	ON or OFF
Vacuum Pump Motor Relay	Negative pressure pump motor relay operating status is displayed.	ON or OFF

NOTE:

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

3. CLEAR MEMORY MODE

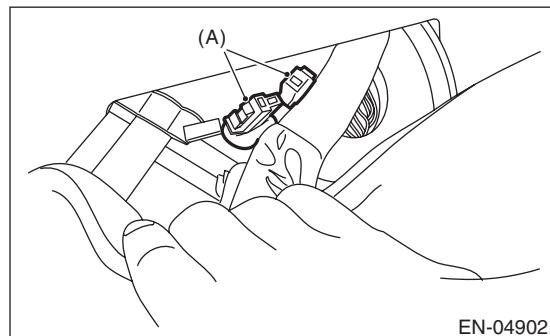
- 1) On the «Main Menu» display screen, select {Each System Check}.
- 2) On the «System Selection Menu» display screen, select the {Brake Vacuum Pump System}.
- 3) Click the [OK] button after the {3.6 DOHC} is displayed.
- 4) On the «Brake Vacuum Pump Sys Diagnosis» display screen, select the {Clear Memory}.
- 5) When the “Clear Memory?” is shown on the screen, click the [YES] button.
- 6) When “Done” and “Turn Ignition Switch OFF” are shown on the display screen, turn the ignition switch to OFF.

NOTE:

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

4. SEQUENCE CONTROL MODE

- 1) Connect the test mode connector located under the glove box.



(A) Test mode connector

- 2) Turn the ignition switch to ON (engine OFF) and run the Subaru Select Monitor.
- 3) On the «Main Menu» display screen, select the {Each System Check}.
- 4) On the «System Selection Menu» display screen, select the {Brake Vacuum Pump System}.
- 5) Click the [OK] button after the {3.6 DOHC} is displayed.
- 6) On the «Brake Vacuum Pump Sys Diagnosis» display screen, select the {Function check}.
- 7) When the “Sequence Control Mode will be started” is shown on the screen, click the [OK] button.
- 8) When the “Depress Brake Pedal Five Times” is shown on the screen, depress the brake pedal 5 times, and click the [OK] button while brake pedal is not depressed.
- 9) Click the [OK] button after the {OK} is displayed.