

## 6. Subaru Select Monitor

### A: OPERATION

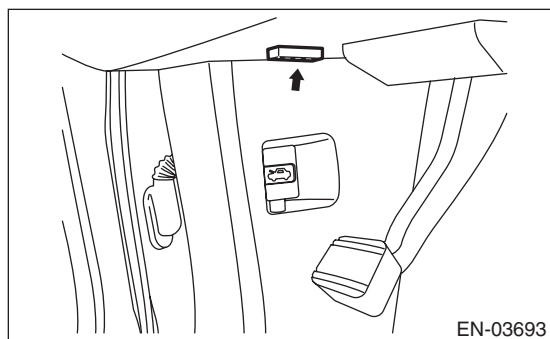
#### 1. READ DIAGNOSTIC TROUBLE CODE (DTC)

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

2) Connect the diagnosis cable to Subaru Select Monitor.

3) Connect the Subaru Select Monitor to data link connector.

(1) Data link connector is located in the lower portion of instrument panel (on the driver's side).



(2) Connect the diagnosis cable to data link connector.

#### CAUTION:

**Do not connect the scan tools except for Subaru Select Monitor.**

4) Turn the ignition switch to ON (engine OFF) and run the Subaru Select Monitor.

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

6) On the «System Selection Menu» display screen, select the {Brake Negative Pressure Pump System}.

7) Select the [OK] after the {3.0 DOHC} is displayed.

8) On the «Negative Pressure Pump Diagnosis Menu» display screen, select the {Diagnostic Code(s) Display}.

#### NOTE:

- For details concerning operation procedure, refer to the "SUBARU SELECT MONITOR OPERATION MANUAL".
- For details concerning DTCs, refer to "List of Diagnostic Trouble Code (DTC)". <Ref. to BVC(diag)-14, 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 the {Each System Check}.
  - 2) On the «System Selection Menu» display screen, select the {Brake Negative Pressure Pump System}.
  - 3) Select the [OK] after the {3.0 DOHC} is displayed.
  - 4) On the «Negative Pressure Diagnosis Menu» 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 monitored	Unit of measure
Atmospheric pressure	Atmospheric pressure is displayed.	mmHg, kPa or psig
Brake booster pressure	Brake booster pressure is displayed.	mmHg, kPa or psig
Test mode terminal	Test mode terminal connection status is displayed.	D Check or U Check
Negative pressure pump motor	Negative pressure pump motor operating status is displayed.	ON or OFF
Negative pressure pump motor relay	Negative pressure pump motor relay operating status is displayed.	ON or OFF

#### NOTE:

For details concerning operation procedure, refer to the “SUBARU SELECT MONITOR OPERATION MANUAL”.

### 3. CLEAR MEMORY MODE

- 1) On the «Main Menu» display screen, select the {Each System Check}.
- 2) On the «System Selection Menu» display screen, select the {Brake Negative Pressure Pump System}.
- 3) Select the [OK] after the {3.0 DOHC} is displayed.
- 4) On the «Negative Pressure Pump Diagnosis Menu» display screen, select the {Clear Memory}.

Display	Contents to be monitored
Clear Memory?	DTC deleting function

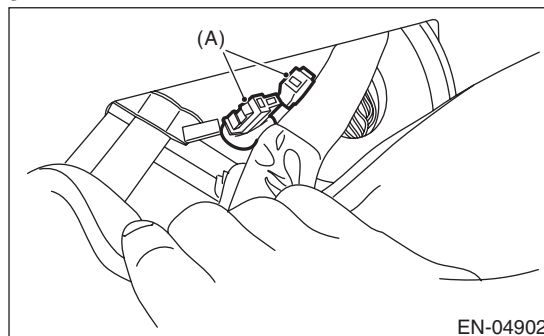
- 5) When “Done” and “Turn ignition switch OFF” are shown on the display screen, turn the ignition switch to OFF and close the Subaru Select Monitor.

#### NOTE:

For details concerning operation procedure, refer to the “SUBARU SELECT MONITOR OPERATION MANUAL”.

### 4. FUNCTION CHECK 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 Negative Pressure Pump System}.
- 5) Select the [OK] after the {3.0 DOHC} is displayed.
- 6) On the «Negative Pressure Pump Diagnosis Menu» display screen, select the {Function Check Mode}.
- 7) When the “Start Function Check Mode” is shown on the screen, select the [OK].
- 8) When the “Depress the Brake Pedal 5 Times” is shown on the screen, depress the brake pedal 5 times, and select the [OK] while brake pedal is not depressed.
- 9) Select the [OK] after the {OK} is displayed.