

## 3. ABS Sequence Control

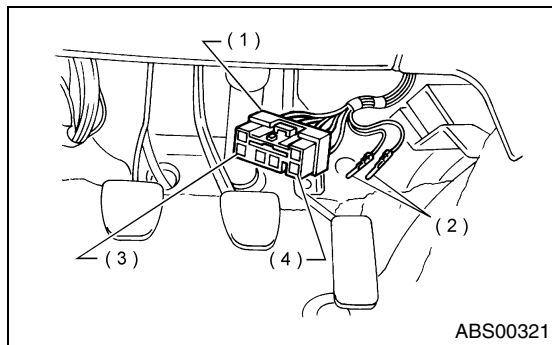
### A: OPERATION

1) Under the ABS sequence control, after the hydraulic unit solenoid valve is driven, the operation of the hydraulic unit can be checked by means of the brake tester or pressure gauge.

2) ABS sequence control can be started by diagnosis connector or select monitor.

#### 1. ABS SEQUENCE CONTROL WITH DIAGNOSIS CONNECTOR

1) Connect the diagnosis terminals to terminals No. 3 and No. 6 of the diagnosis connector beside driver's seat heater unit.



- (1) Diagnosis connector
- (2) Diagnosis terminals
- (3) 3 terminal
- (4) 6 terminal

2) Set the speed of all wheels at 4 km/h (2 MPH) or less.

3) Turn the ignition switch to OFF.

4) Within 0.5 seconds after the ABS warning light goes out, depress the brake pedal and hold it immediately after the ignition switch is turned to ON.

#### CAUTION:

**Do not depress the clutch pedal.**

#### NOTE:

- When the ignition switch is set to on, the brake pedal must not be depressed.
- Engine must not operate.

5) After completion of ABS sequence control, turn the ignition switch to OFF.

#### 2. ABS SEQUENCE CONTROL WITH SELECT MONITOR

#### NOTE:

- In the event of any trouble, the sequence control may not be operative. In such a case, activate the sequence control, referring to "ABS SEQUENCE CONTROL WITH DIAGNOSIS CONNECTOR".

<Ref. to ABS-11, ABS SEQUENCE CONTROL WITH DIAGNOSIS CONNECTOR, ABS Sequence Control.>

- When the diagnosis terminal is connected to the diagnosis connector, the sequence control will not operate.

1) Connect the select monitor to data link connector under the driver's seat instrument panel lower cover.

2) Turn the ignition switch to ON.

3) Turn the select monitor switch to ON.

4) Put the select monitor to "BRAKE CONTROL" mode.

5) When "Function check sequence" is selected, 'ABS sequence control' will start.

6) The message 'Press Brake Pedal Firmly' is displayed as follows:

(1) When using the brake tester, depress the brake pedal with braking force of 1,000 N (100 kgf, 221 lb).

(2) When using the pressure gauge, depress the brake pedal so as to make the pressure gauge indicate 3,500 kPa (35 kg/cm<sup>2</sup>, 498 psi).

#### CAUTION:

**Do not depress the clutch pedal.**

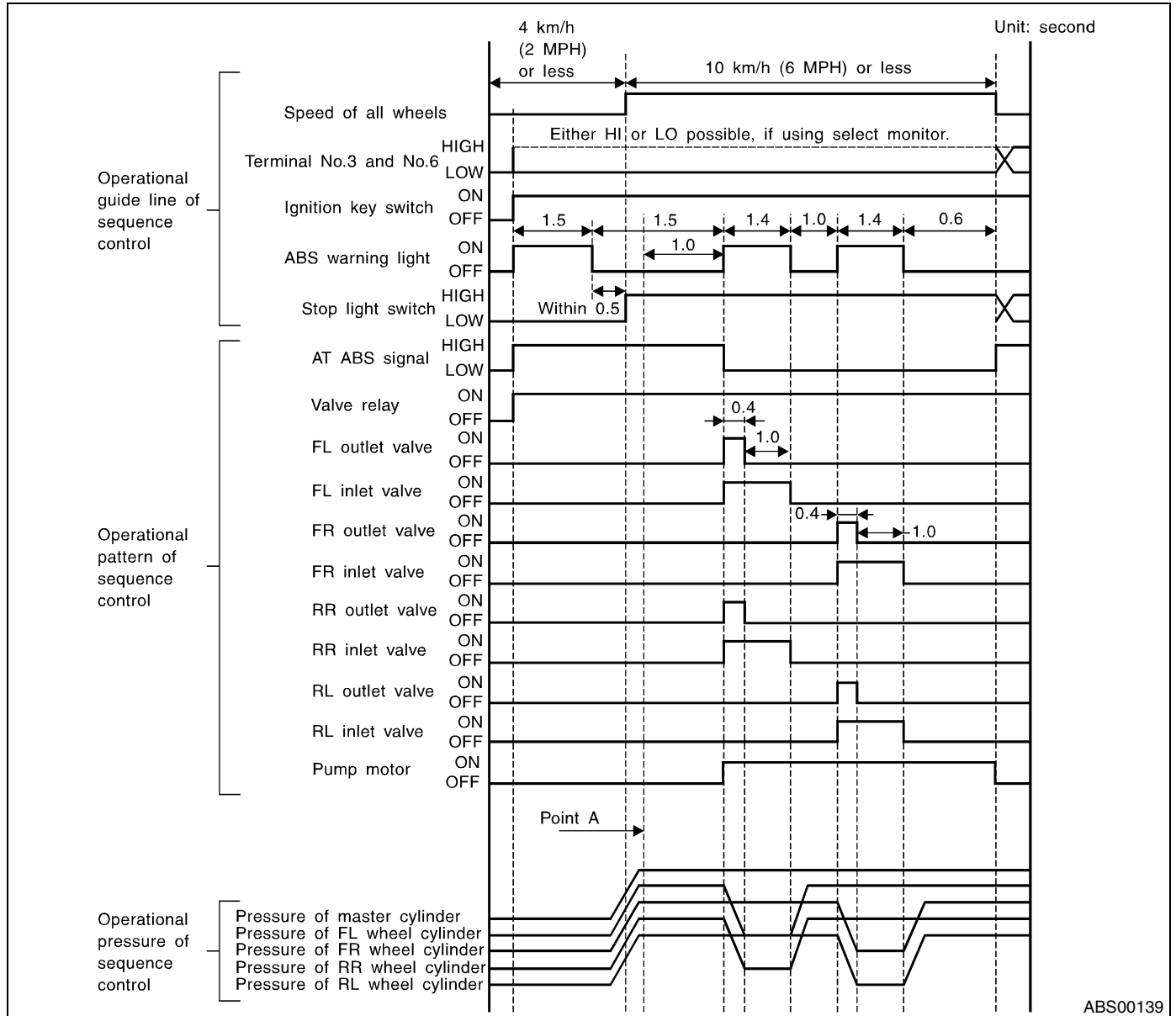
7) When the message "Press YES" is displayed, press the YES key.

8) Operation points will be displayed on the select monitor.

# ABS SEQUENCE CONTROL

ABS

## 3. CONDITIONS FOR ABS SEQUENCE CONTROL



### NOTE:

- When the select monitor is used, control operation starts at point A. The patterns from IGN key ON to the point A show that operation is started by diagnosis connector.

## 4. CONDITIONS FOR COMPLETION OF ABS SEQUENCE CONTROL

When the following conditions develop, the ABS sequence control stops and ABS operation is returned to the normal control mode.

- 1) When the speed of at least one wheel reaches 10 km/h (6 MPH).
- 2) When terminal No. 3 or No. 6 are separated from diagnosis terminals. (When the select monitor is not used.)
- 3) When the brake pedal is released during sequence control and the braking lamp switch is set to OFF.
- 4) When the brake pedal is depressed after the ignition key is turned to ON, and before ABS warning light goes out. (When the select monitor is not used.)
- 5) When the brake pedal is not depressed after the ignition key is turned to ON, and within 0.5 seconds after ABS warning light goes out. (When the select monitor is not used.)
- 6) After completion of the sequence control.
- 7) When malfunction is detected. (When the select monitor is used.)