

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 select monitor.

1. ABS SEQUENCE CONTROL WITH SELECT MONITOR

NOTE:

In the event of troubles such as “ABS cannot communicate with Select Monitor”, the sequence control will not activate. In such a case, perform trouble diagnosis. <Ref. to ABS-2, Basic Diagnostic Procedure.>

- 1) Connect select monitor to data link connector under driver's seat instrument panel lower cover.
- 2) Turn ignition switch ON.
- 3) Turn select monitor switch ON.
- 4) Put 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 brake pedal with braking force of 981 N (100 kgf, 221 lb).
 - (2) When using the pressure gauge, depress brake pedal so as to make the pressure gauge indicate 3,432 kPa (35 kg/cm², 498 psi).

CAUTION:

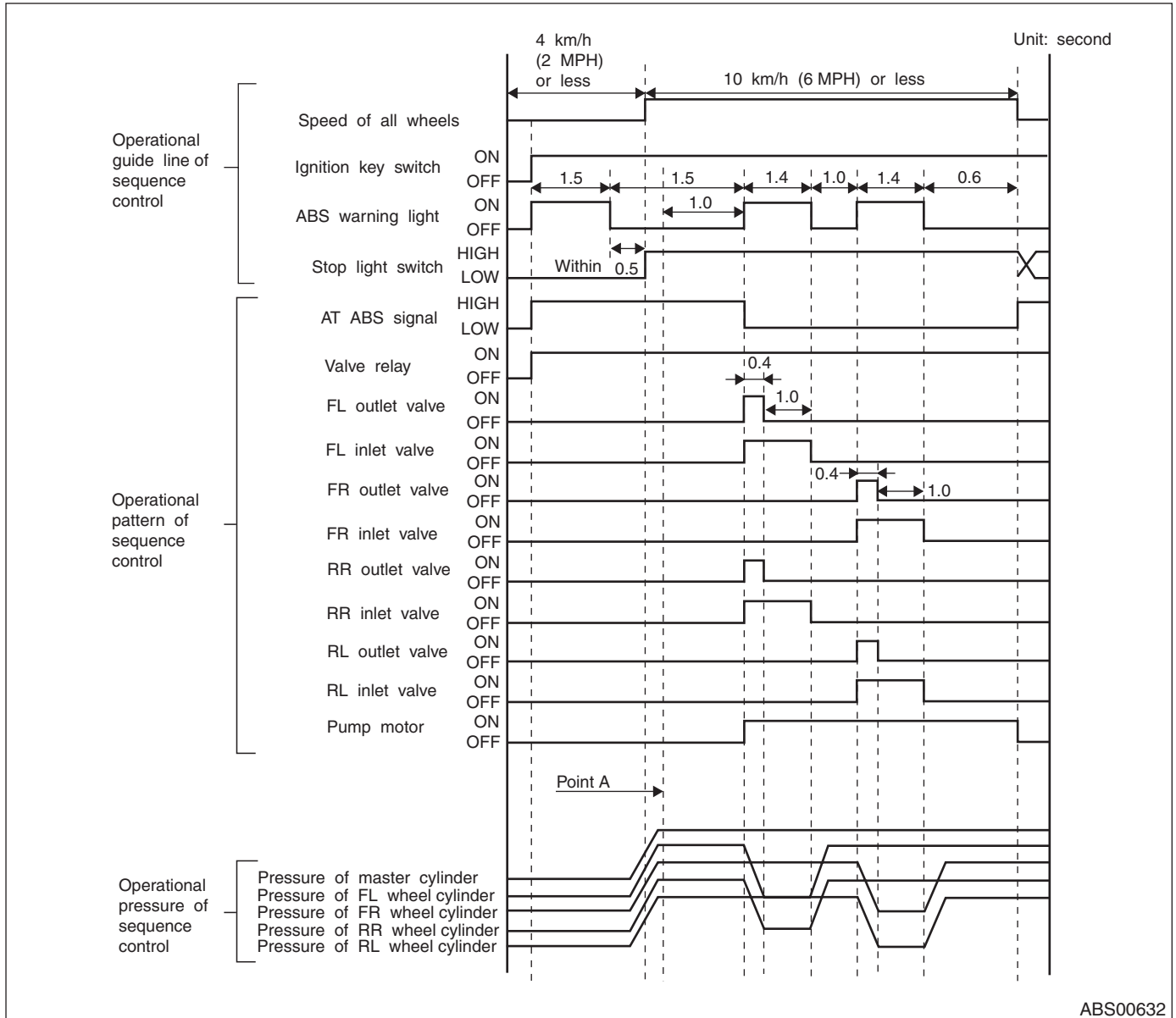
Do not depress the clutch pedal.

- 7) When the message “Press YES” is displayed, press «YES» key.
- 8) Operation points will be displayed on select monitor.

ABS SEQUENCE CONTROL

ABS

2. CONDITIONS FOR ABS SEQUENCE CONTROL



NOTE:

- When select monitor is used, control operation starts at point A.
- HIGH means high voltage.
- LOW means low voltage.

B: SPECIFICATION

1. 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 the brake pedal is released during sequence control and the braking lamp switch is set to off.
- 3) After completion of the sequence control.
- 4) When malfunction is detected. (When select monitor is used.)