3. ABS Sequence Control

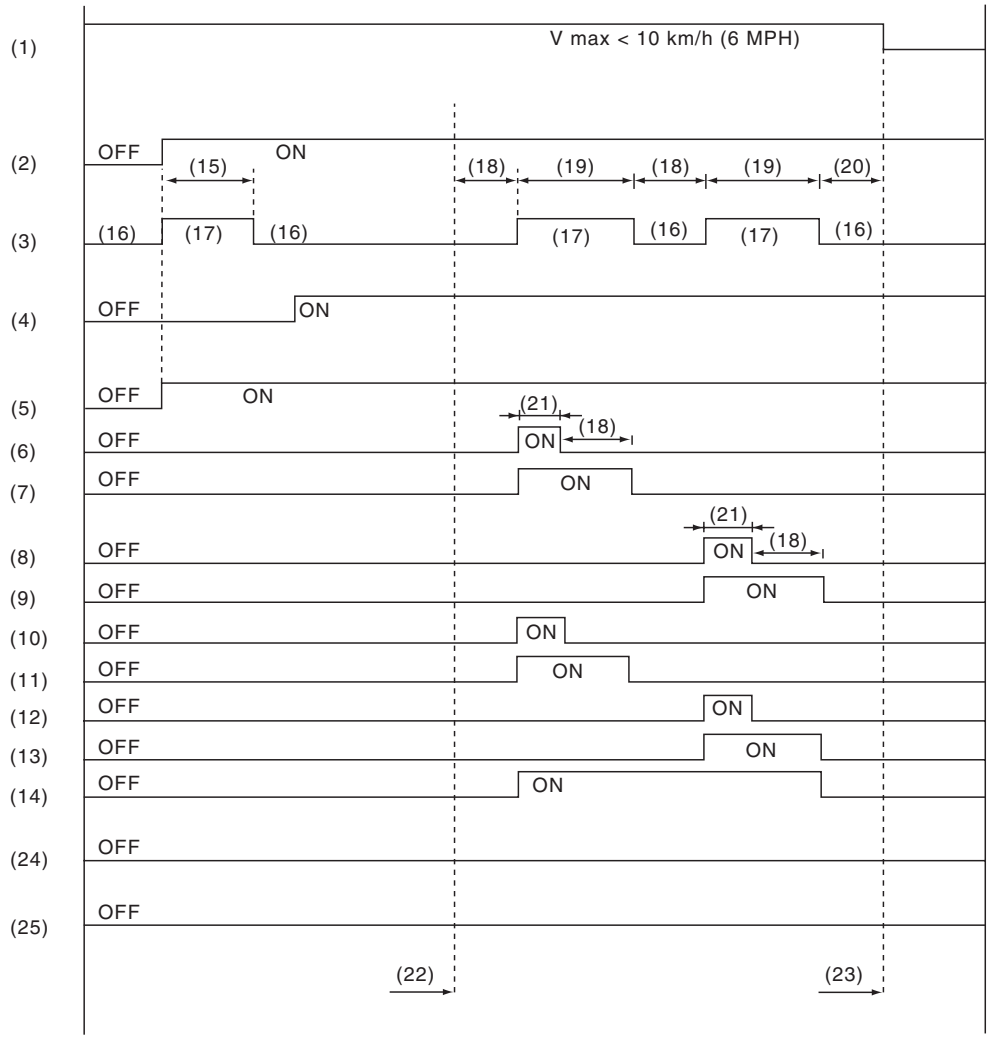
A: OPERATION

1) While the ABS sequence control is being performed, the operation of the hydraulic unit can be checked using the brake tester or pressure gauge after the hydraulic unit solenoid valve operation.
2) ABS sequence control can be started by the Subaru Select Monitor.

1. ABS SEQUENCE CONTROL WITH SUBARU SELECT MONITOR

NOTE:
In the event of any trouble, the ABS sequence control will not operate.
1) Connect the Subaru Select Monitor to data link connector under the driver's side instrument panel lower cover.
2) Turn the ignition switch to ON.
3) Run the "PC application for Subaru Select Monitor".
4) Set the Subaru Select Monitor to "Brake Control System" mode.
5) When the "Function Check Sequence" is selected, the "ABS Sequence Control" will start.
6) Execute the following operations when the message "Press Brake Pedal Firmly" is displayed.
   (1) When the brake tester is used, press brake pedal pad with a force of 1,000 N (102 kgf, 225 lb).
   (2) When using a pressure gauge, press the brake pedal so that the pressure gauge indicates 3,500 kPa (36 kg/cm^2, 511 psi).
7) "Press "OK"" will be displayed. Press the [OK] key.
8) The brake system being operated is displayed on the Subaru Select Monitor.

2. CONDITIONS FOR ABS SEQUENCE CONTROL



VDC00357

(1) All wheel speed
(2) Ignition key
(3) ABS warning light
(4) Stop light switch
(5) Valve relay
(6) FL decompression valve
(7) FL hold valve
(8) FR decompression valve
(9) FR hold valve
(10) RR decompression valve
(11) RR hold valve
(12) RL decompression valve
(13) RL hold valve
(14) Pump motor
(15) 1.5 seconds
(16) Light OFF
(17) Light ON
(18) 1.0 second
(19) 1.4 seconds
(20) 0.6 seconds
(21) 0.4 seconds
(22) Point A
(23) Reset
(24) Linear valve 1
(25) Linear valve 2

NOTE:
The control operation starts from point A.

B: SPECIFICATION

1. ABS SEQUENCE CONTROL COMPLETE CONDITION

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 ABS sequence control and the stop light switch is becomes OFF.
3) After completion of ABS sequence control.
4) When a malfunction is detected.