

5. VDC Sequence Control

A: OPERATION

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

1. VDC SEQUENCE CONTROL WITH SUBARU SELECT MONITOR

NOTE:

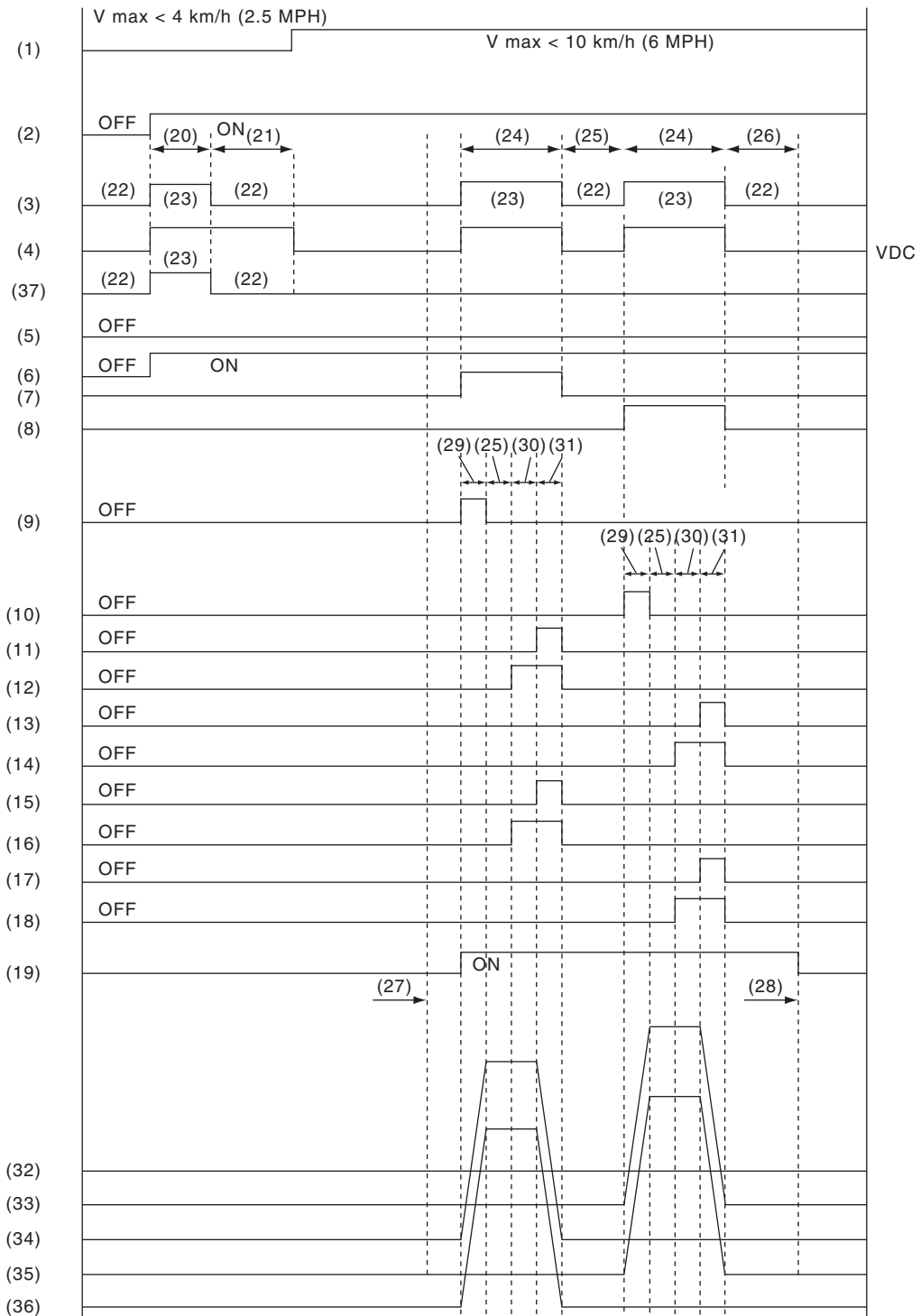
In the event of any trouble, sequence control will not operate.

- 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 "VDC Inspection Mode" is selected from the "Function Check Sequence" menu, the "VDC sequence control" will start.
- 6) Press the "OK" after "Press "OK"" is displayed.
- 7) Operation points will be displayed on Subaru Select Monitor.

VDC Sequence Control

VEHICLE DYNAMICS CONTROL (VDC)

2. CONDITIONS FOR VDC SEQUENCE CONTROL



VDC00607

VDC Sequence Control

VEHICLE DYNAMICS CONTROL (VDC)

(1) All wheel speed	(14) FR compression valve	(26) 1.6 seconds
(2) Ignition key	(15) RR decompression valve	(27) Point A
(3) ABS warning light	(16) RR compression valve	(28) Reset
(4) VDC warning light	(17) RL decompression valve	(29) 0.8 seconds
(5) Stop light switch	(18) RL compression valve	(30) 1.2 seconds
(6) Valve relay	(19) Pump motor	(31) 0.4 seconds
(7) VDC switching valve 1 FL	(20) 1.5 seconds	(32) Master cylinder pressure
(8) VDC switching valve 1 FR	(21) Approx. 3 seconds	(33) FR wheel cylinder pressure
(9) VDC switching valve 2 FL	(22) Light OFF	(34) FL wheel cylinder pressure
(10) VDC switching valve 2 FR	(23) Light ON	(35) RL wheel cylinder pressure
(11) FL decompression valve	(24) 3.4 seconds	(36) RR wheel cylinder pressure
(12) FL compression valve	(25) 1 second	(37) Hill start assist warning light
(13) FR decompression valve		

NOTE:

The control operation starts at point A.

B: SPECIFICATION

1. CONDITIONS FOR COMPLETION OF VDC SEQUENCE CONTROL

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

- When the speed of at least one wheel reaches 10 km/h (6 MPH).
- When the brake pedal is pressed during sequence control and the stop light switch is set to ON.
- After completion of VDC sequence control.
- When a malfunction is detected.