

## 4. 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:

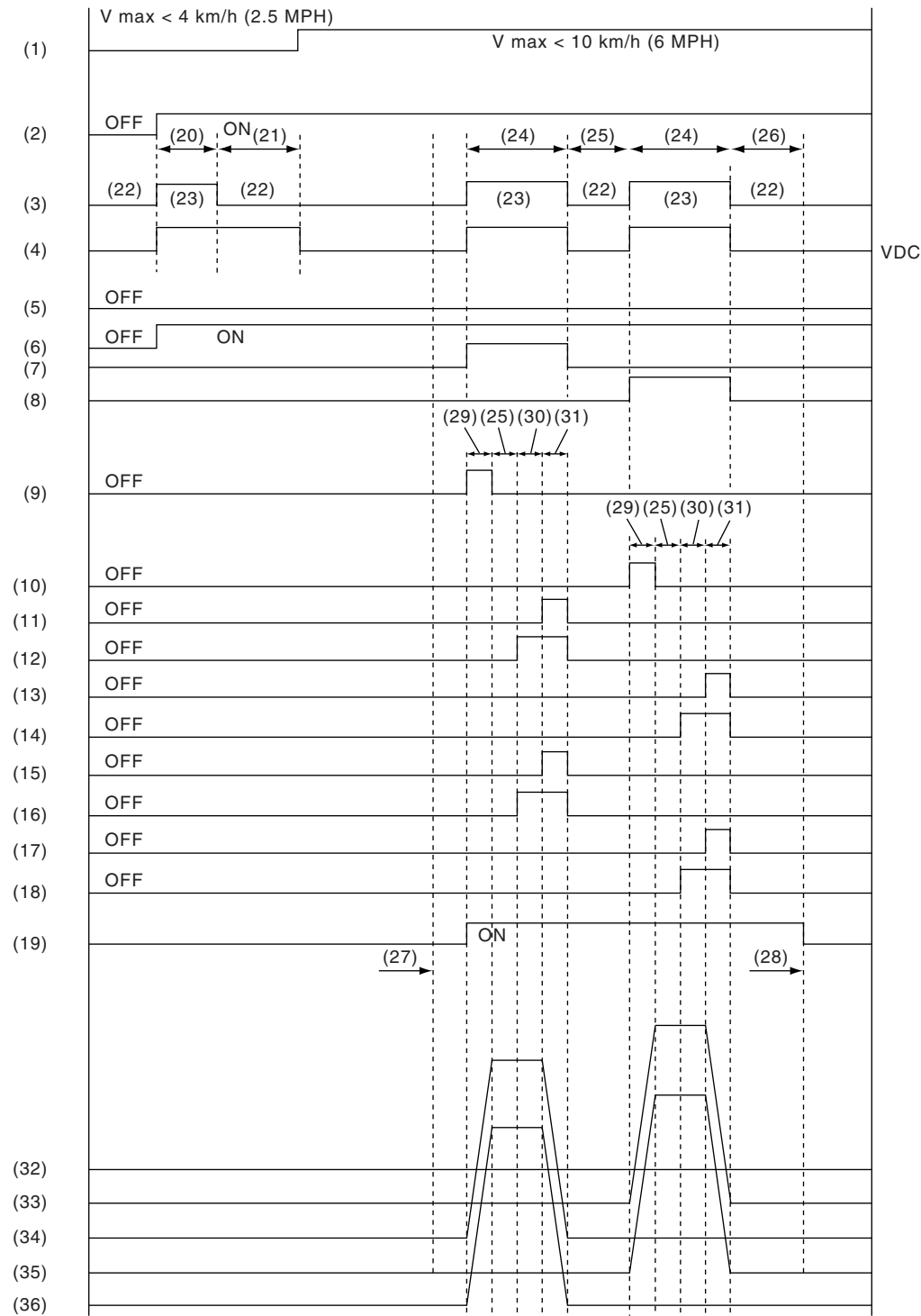
In the event of any trouble, sequence control will not operate.

- 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 Subaru Select Monitor.
- 4) Set the Subaru Select Monitor to "Brake Control" mode.
- 5) When the "VDC Inspection Mode" is selected from the "Function check sequence" menu, the "VDC sequence control" will start.
- 6) "Select the [OK]" will be displayed. Select the [OK].
- 7) Operation points will be displayed on Subaru Select Monitor.

# VDC Sequence Control

VEHICLE DYNAMICS CONTROL (VDC)

## 2. CONDITIONS FOR VDC SEQUENCE CONTROL



VDC00275

# VDC Sequence Control

VEHICLE DYNAMICS CONTROL (VDC)

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

## NOTE:

The control operation starts from 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.

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