

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:

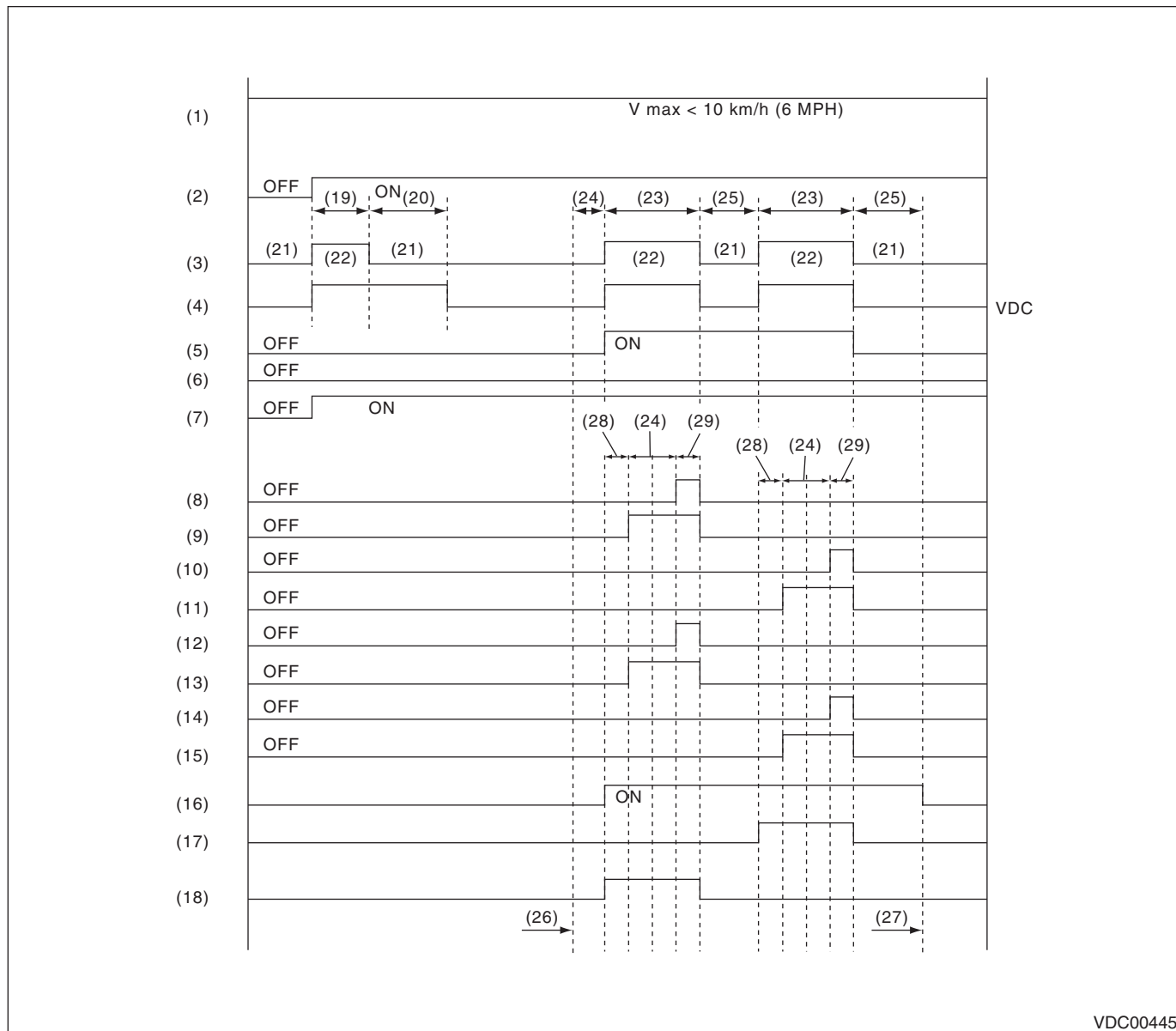
In the event of any trouble, sequence control will not operate.

- 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 "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 "OK"" will be displayed. Press the [OK] key.
- 7) Operation points will be displayed on Subaru Select Monitor.

VDC Sequence Control

VEHICLE DYNAMICS CONTROL (VDC)

2. CONDITIONS FOR VDC SEQUENCE CONTROL



VDC00445

- | | | |
|--------------------------------------|-----------------------------|------------------|
| (1) All wheel speed | (11) FR compression valve | (21) Light OFF |
| (2) Ignition key | (12) RR decompression valve | (22) Light ON |
| (3) ABS warning light | (13) RR compression valve | (23) 3.4 seconds |
| (4) VDC warning light | (14) RL decompression valve | (24) 2.2 seconds |
| (5) VDC operation light (CAN output) | (15) RL compression valve | (25) 1.6 seconds |
| (6) Stop light switch | (16) Pump motor | (26) Point A |
| (7) Valve relay | (17) Linear valve 1 | (27) Reset |
| (8) FL decompression valve | (18) Linear valve 2 | (28) 0.8 seconds |
| (9) FL compression valve | (19) 1.5 seconds | (29) 0.4 seconds |
| (10) FR decompression valve | (20) Approx. 3 seconds | |

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.