

6. 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:

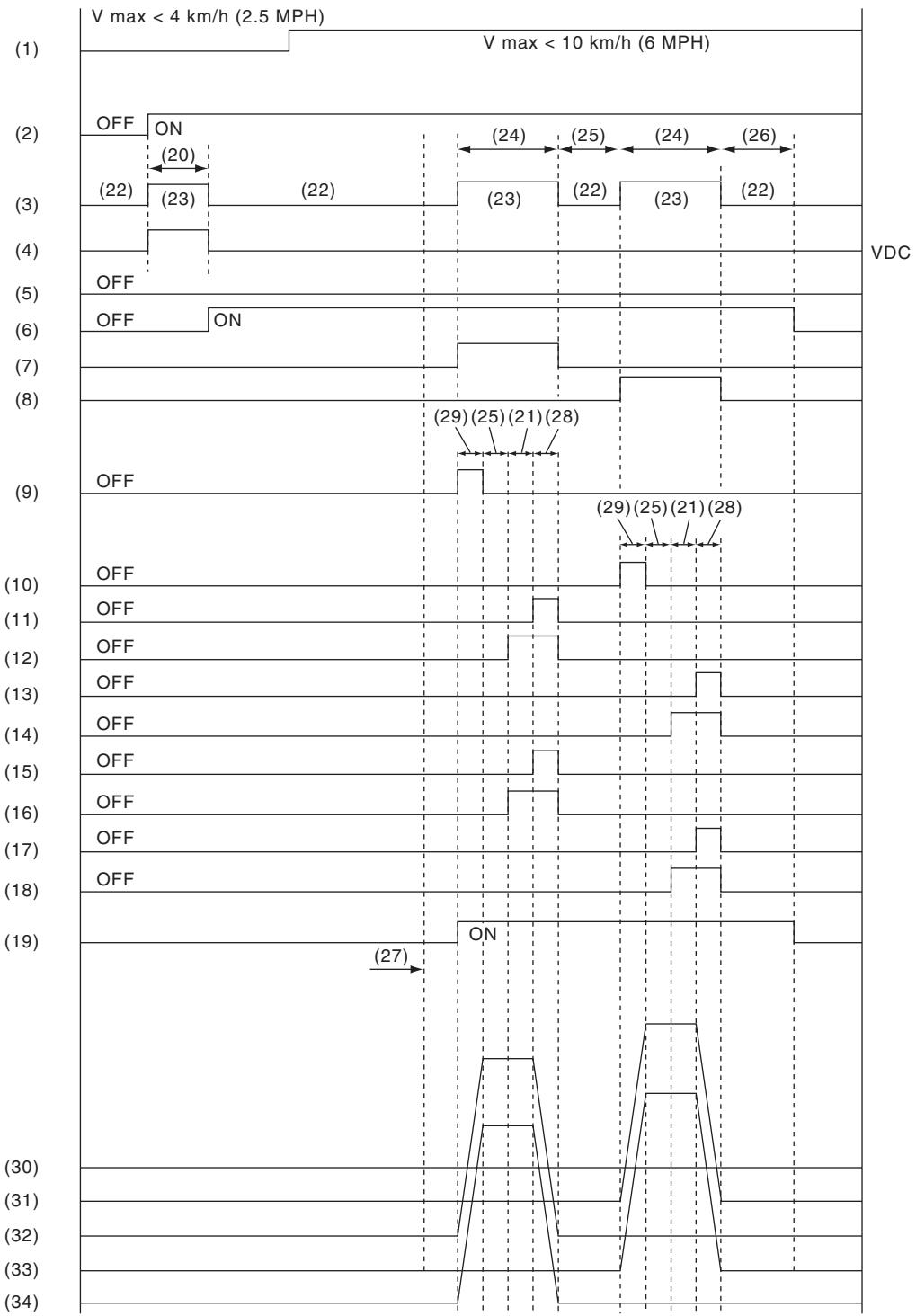
In the event of any trouble, sequence control will not operate.

- 1) Connect the Subaru Select Monitor to data link connector.
 - (1) Run the "PC application for Subaru Select Monitor".
 - (2) On «Main Menu» display, select {Each System Check}.
 - (3) Select {Brake Control System}. When {VDC} is displayed, select the [OK] button.
 - (4) Select the {Function Check Sequence} from {Work Support}, and select {VDC Function Check Mode} when it appears.
- 2) Operate according to the procedures displayed in the Subaru Select Monitor.
- 3) The brake system being operated is displayed on the Subaru Select Monitor.

2. CONDITIONS FOR VDC SEQUENCE CONTROL

NOTE:

The control operation starts at point A.



VDC01321

VDC Sequence Control

VEHICLE DYNAMICS CONTROL (VDC)

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|-------------------------------------|-----------------------------------|---------------------------------------|
| (1) All wheel speed | (13) Front RH decompression valve | (25) 1 second |
| (2) Ignition key | (14) Front RH compression valve | (26) 1.6 seconds |
| (3) ABS warning light | (15) Rear RH decompression valve | (27) Point A |
| (4) VDC warning light | (16) Rear RH compression valve | (28) 0.4 seconds |
| (5) Switch - stop light | (17) Rear LH decompression valve | (29) 0.8 seconds |
| (6) Valve relay | (18) Rear LH compression valve | (30) Master cylinder pressure |
| (7) VDC switching valve 1 front LH | (19) Pump motor | (31) Front RH wheel cylinder pressure |
| (8) VDC switching valve 1 front RH | (20) A few seconds | (32) Front LH wheel cylinder pressure |
| (9) VDC switching valve 2 front LH | (21) 1.2 seconds | (33) Rear LH wheel cylinder pressure |
| (10) VDC switching valve 2 front RH | (22) Light OFF | (34) Rear RH wheel cylinder pressure |
| (11) Front LH decompression valve | (23) Light ON | |
| (12) Front LH compression valve | (24) 3.4 seconds | |

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).
- After completion of VDC sequence control.
- When a malfunction is detected.