

VDC Sequence Control

VEHICLE DYNAMICS CONTROL (VDC)

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 {VDC Function Check Mode} from {Function Check Sequence}.
- 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.

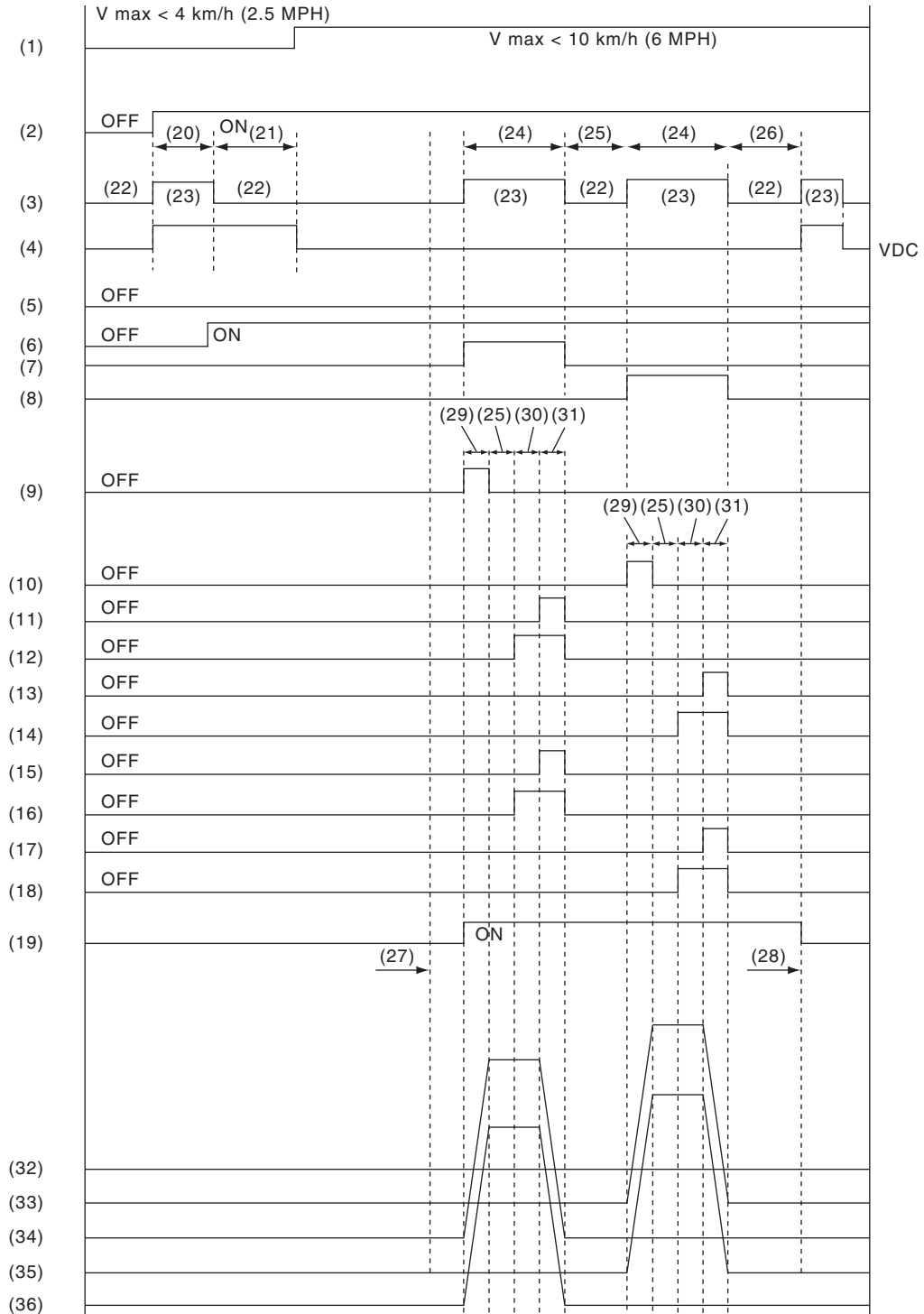
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2. CONDITIONS FOR VDC SEQUENCE CONTROL

NOTE:

The control operation starts at point A.



VDC00800

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(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) 2 seconds	(32) Master cylinder pressure
(9) VDC switching valve 2 FL	(21) Approx. 1 second	(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

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.