

5. VDC Sequence Control

A: OPERATION

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

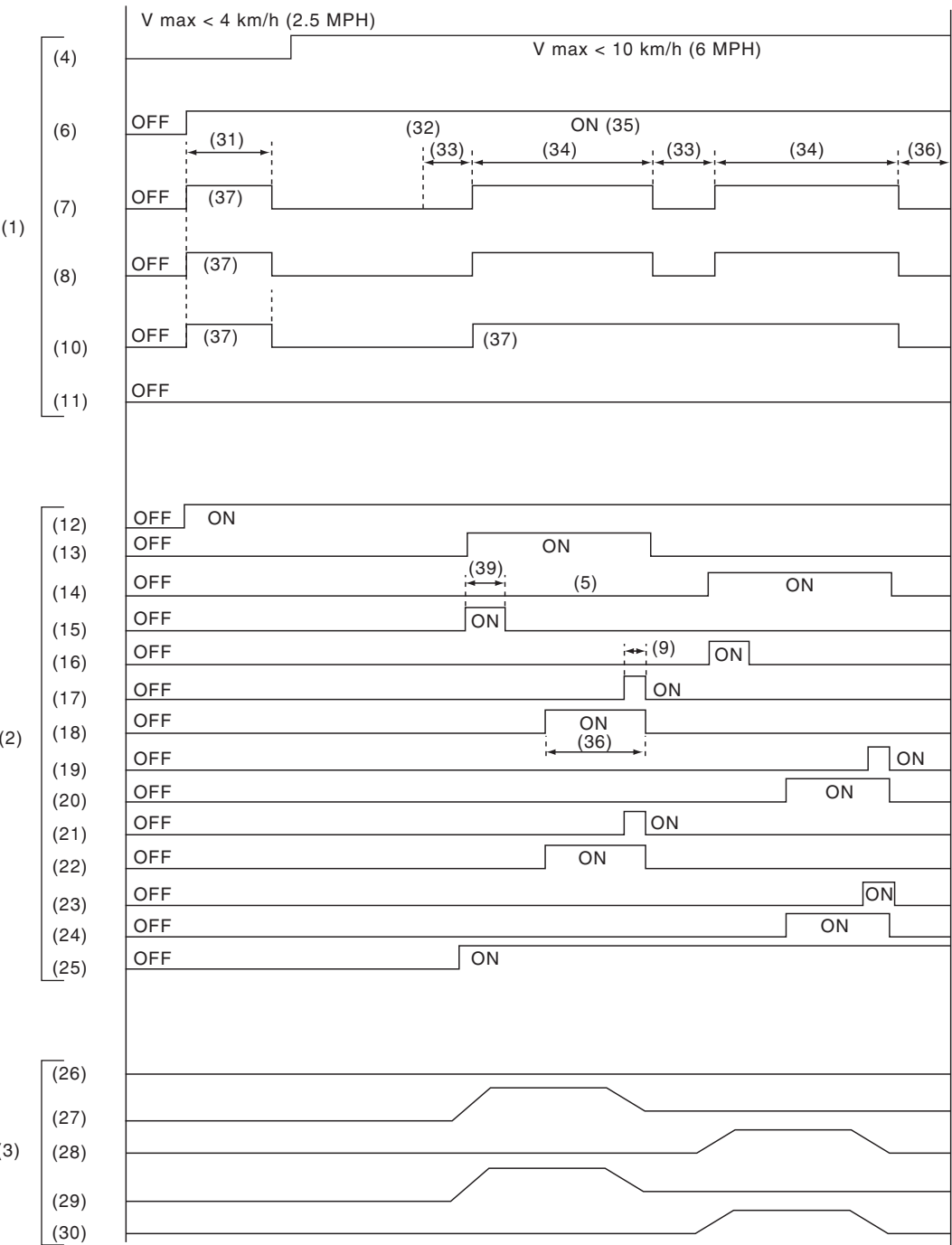
1. VDC SEQUENCE CONTROL WITH SUBARU SELECT MONITOR

- 1) Connect the Subaru Select Monitor to the Subaru data link connector, located next to the lower cover under the driver's side instrument panel.
- 2) Turn the ignition switch ON.
- 3) Set the Subaru Select Monitor switch to ON.
- 4) Set the Subaru Select Monitor to the "BRAKE CONTROL" mode.
- 5) When the "VDC Check Mode" is selected from the "Function check sequence" menu, the "VDC sequence control" will start.
- 6) If "Press YES" is displayed, press the «YES» key.
- 7) The brake system being operated is displayed on the Subaru Select Monitor.

VDC Sequence Control

VEHICLE DYNAMICS CONTROL (VDC)

2. CONDITIONS FOR VDC SEQUENCE CONTROL



VDC00354

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| (1) Operation guide line of the sequence control | (12) Valve relay | (26) Master cylinder pressure |
| (2) Operation pattern of sequence control | (13) Secondary cut valve | (27) FL wheel cylinder pressure |
| (3) Operating pressure of sequence control | (14) Primary cut valve | (28) FR wheel cylinder pressure |
| (4) All wheel speeds | (15) Secondary suction valve | (29) RR wheel cylinder pressure |
| (5) Within 0.4 second | (16) Primary suction valve | (30) RL wheel cylinder pressure |
| (6) Ignition switch | (17) FL outlet solenoid valve | (31) 1.5 seconds |
| (7) ABS warning light | (18) FL inlet solenoid valve | (32) Point A |
| (8) VDC warning light | (19) FR outlet solenoid valve | (33) 1.0 second |
| (9) 0.4 second | (20) FR inlet solenoid valve | (34) 3.4 seconds |
| (10) VDC operation indicator light | (21) RR outlet solenoid valve | (35) Engine ON |
| (11) Pressure sensor | (22) RR inlet solenoid valve | (36) 1.6 seconds |
| | (23) RL outlet solenoid valve | (37) Light ON |
| | (24) RL inlet solenoid valve | (38) 0.8 second |
| | (25) Pump motor | |

NOTE:

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 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 lamp switch is set to ON.
- 3) After completion of the sequence control.
- 4) When a problem is detected.