5. VDC Sequence Control

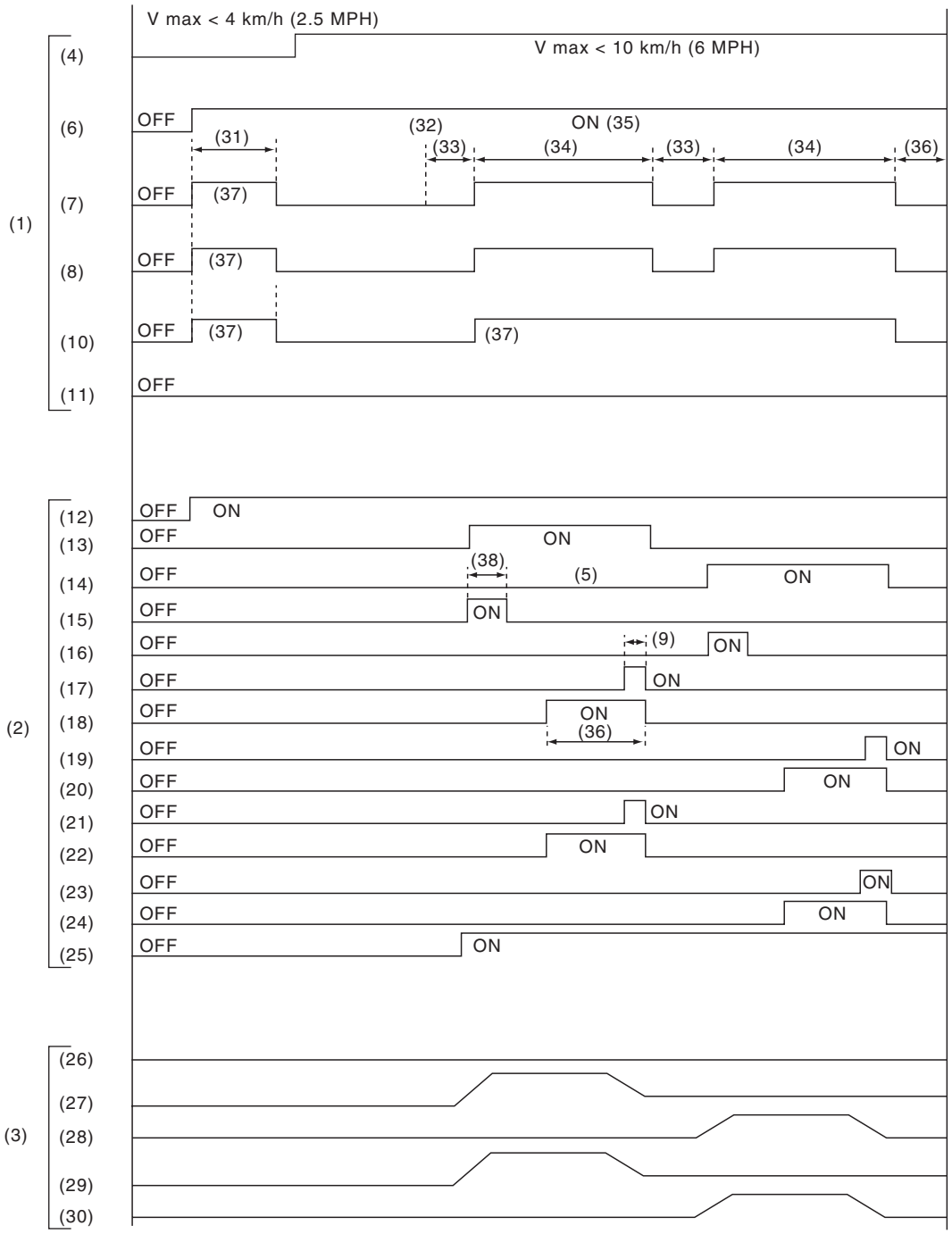
A: OPERATION

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) Run the Subaru Select Monitor.
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) "OK" will be displayed. Select the "OK".
7) The brake system being operated is displayed on the Subaru Select Monitor.

2. CONDITIONS FOR VDC SEQUENCE CONTROL



VDC00519

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

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.