

## 3. ABS Sequence Control

### A: OPERATION

- 1) While the ABS 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 operation.
- 2) ABS sequence control can be started by Subaru Select Monitor.

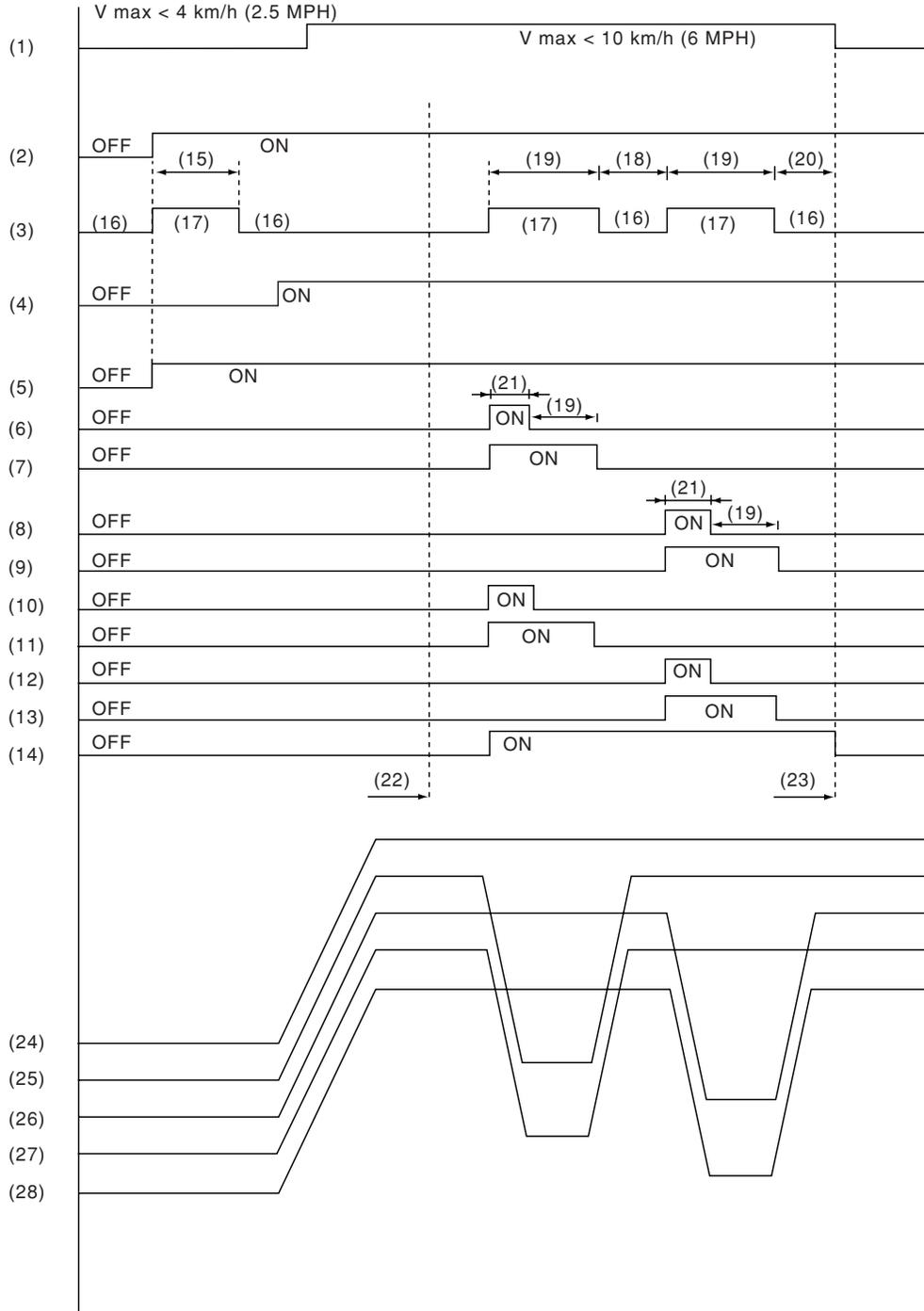
### 1. ABS SEQUENCE CONTROL WITH SUBARU SELECT MONITOR

#### NOTE:

In the event of any trouble, the ABS sequence control is not operated.

- 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) Set the Subaru Select Monitor switch to ON.
- 4) Set the Subaru Select Monitor to "Brake Control" mode.
- 5) When the "Function check sequence" is selected, the "ABS sequence control" will start.
- 6) Execute the following operations when the message "Press the brake pedal so that the brake pedal force is between 100 and 150 kgf" is displayed.
  - (1) When the brake tester is used, press brake pedal pad with a force of 1,000 N (102 kgf, 225 lb).
  - (2) When using the pressure gauge, press the brake pedal so as to make the pressure gauge indicate 3,500 kPa (36 kg/cm<sup>2</sup>, 511 psi).
- 7) "Press the [YES] key" will be displayed. Press the [YES] key.
- 8) The brake line being operated is displayed on the Subaru Select Monitor.

## 2. CONDITIONS FOR ABS SEQUENCE CONTROL



ABS00561

# ABS Sequence Control

## ABS

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- |                             |                             |                                 |
|-----------------------------|-----------------------------|---------------------------------|
| (1) All wheel speed         | (11) RR compression valve   | (21) 0.4 second                 |
| (2) Ignition key            | (12) RL decompression valve | (22) Point A                    |
| (3) ABS warning light       | (13) RL compression valve   | (23) Reset                      |
| (4) Stop light switch       | (14) Pump motor             | (24) Master cylinder pressure   |
| (5) Valve relay             | (15) 1.5 seconds            | (25) FL wheel cylinder pressure |
| (6) FL decompression valve  | (16) Light OFF              | (26) FR wheel cylinder pressure |
| (7) FL compression valve    | (17) Light ON               | (27) RR wheel cylinder pressure |
| (8) FR decompression valve  | (18) 1.0 second             | (28) RL wheel cylinder pressure |
| (9) FR compression valve    | (19) 1.4 seconds            |                                 |
| (10) RR decompression valve | (20) 0.6 second             |                                 |

### NOTE:

The control operation starts from point A.

## **B: SPECIFICATION**

### **1. CONDITIONS FOR COMPLETION OF ABS SEQUENCE CONTROL**

When the following conditions develop, the ABS sequence control stops and ABS 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 released during ABS sequence control and the stop light switch goes OFF.
- 3) After completion of ABS sequence control.
- 4) When malfunction is detected.