

## 16. Hill Start Assist

### A: NOTE

For procedure and diagnosis procedure of each component in the hill start assist, refer to the respective section.

- VEHICLE DYNAMICS CONTROL (VDC): <Ref. to VDC-2, General Description.>
- VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS): <Ref. to VDC(diag)-2, Basic Diagnostic Procedure.>

### B: OPERATION

#### 1. HILL START ASSIST OFF MODE (6 MT MODEL)

##### CAUTION:

- **Hill start auxiliary function by brake force does not operate when turning the hill start assist function to OFF. Be sure to perform the hill start operation with parking brake.**
- **Hill start assist warning light always illuminates to inform that the hill start assist does not operate during hill start assist OFF mode.**

- 1) Park the vehicle on a level surface, and apply the parking brake.
- 2) Stop the engine.
- 3) Restart the engine.
- 4) After restarting the engine, check that the ABS and VDC warning light go off and brake warning light illuminates.
- 5) Continue to push the VDC mode change switch with the engine starting condition.
- 6) VDC warning light & VDC multi mode indicator light illuminate to yellow from green, and after 8 seconds, VDC warning light & VDC multi mode indicator light go off.
- 7) Within 5 seconds after going off the VDC warning light & VDC multi mode indicator light, release the VDC mode change switch and push the VDC mode change switch once again within 2 seconds.
- 8) Hill start assist warning light illuminates.
- 9) Stop the engine.

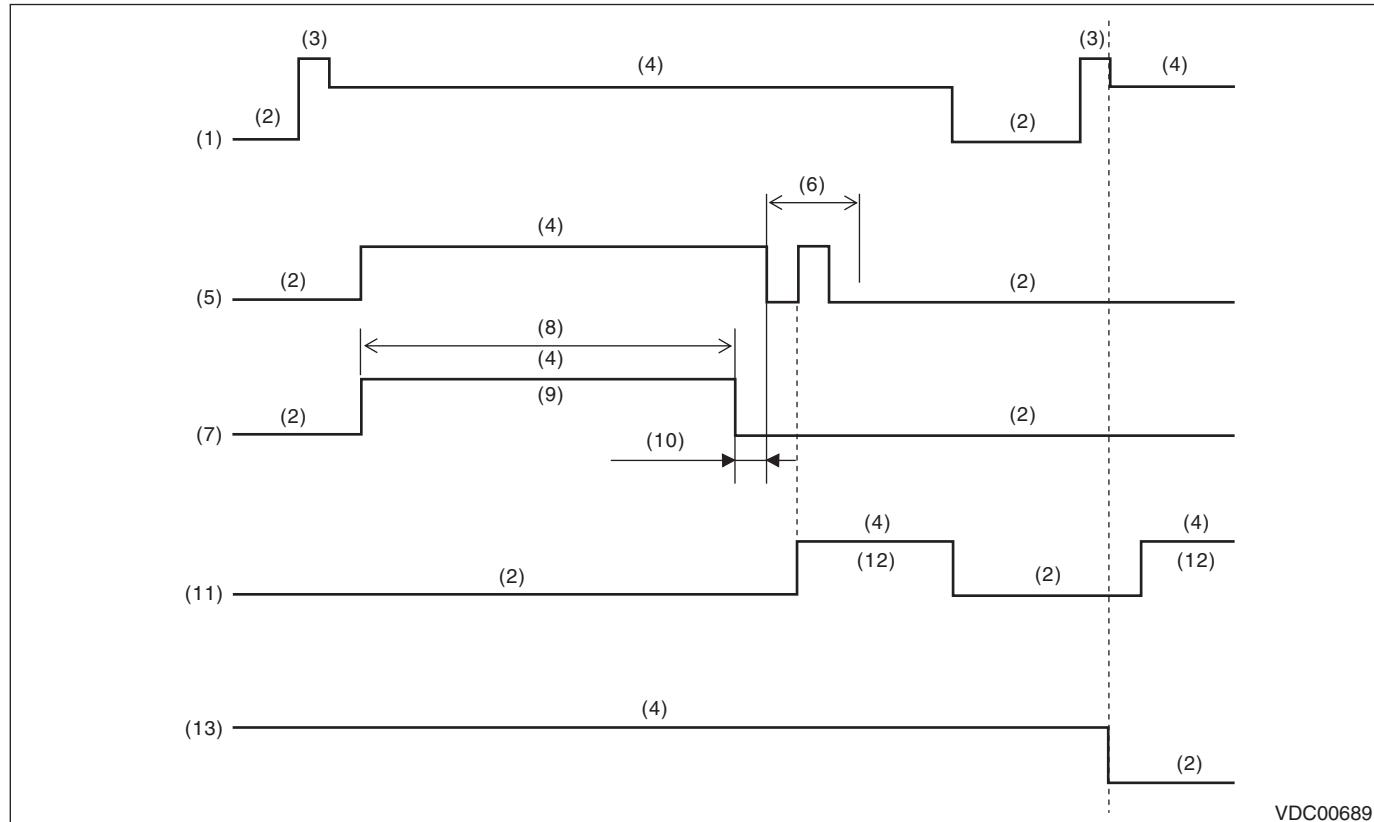
# Hill Start Assist

## BRAKE

10) Restart the engine.

### NOTE:

- Hill start assist function can not be turned to OFF until restarting the engine.
- In case of wrong operation procedure, stop the engine and start from the step (1) again.



(1) Ignition key	(6) 2 seconds or less	(11) Hill start assist warning light
(2) OFF	(7) VDC warning light & VDC multi mode indicator light	(12) Yellow illumination
(3) Start	(8) Approx. 8 seconds (until the (7) stops appearing)	(13) Hill start assist function
(4) ON	(9) Change to yellow illumination from green illumination.	
(5) VDC mode change switch	(10) 5 seconds or less	

## 2. RETURNING OF HILL START ASSIST OFF MODE (6 MT MODEL)

### NOTE:

Operation procedure for returning from the hill start assist OFF mode.

- 1) Park the vehicle on a level surface, and apply the parking brake.
- 2) Stop the engine.
- 3) Restart the engine.
- 4) After restarting the engine, check that the ABS and VDC warning light go off and brake warning light illuminates.
- 5) Continue to push the VDC mode change switch with the engine starting condition.
- 6) VDC warning light & VDC multi mode indicator light illuminate to yellow from green, and after 8 seconds, VDC warning light & VDC multi mode indicator light go off.
- 7) Within 5 seconds after going off the VDC warning light & VDC multi mode indicator light, release the VDC mode change switch and push the VDC mode change switch once again within 2 seconds.
- 8) Hill start assist warning light goes off.
- 9) Stop the engine.
- 10) Restart the engine.

### NOTE:

- Hill start assist function does not return until restarting the engine.
- In case of wrong operation procedure, stop the engine and start from the step (1) again.