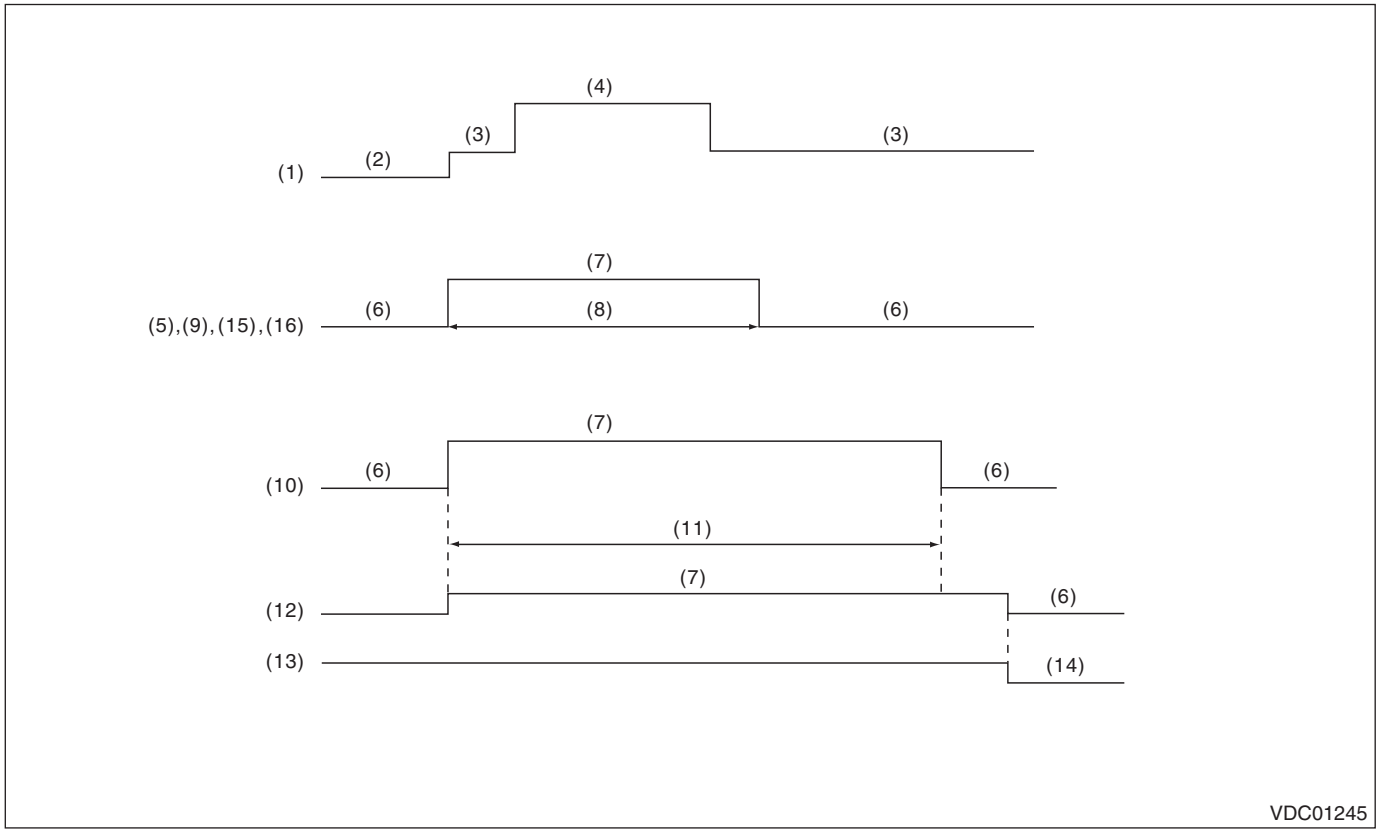
10.Warning Light Illumination Pattern

A: INSPECTION



(1)	Ignition switch	(7)	Light ON	(12)	Brake warning light (EBD warning light)
(2)	OFF	(8)	2 seconds	(13)	Parking brake
(3)	ON	(9)	VDC OFF indicator light	(14)	Released
(4)	Engine start	(10)	VDC warning light & VDC indicator light	(15)	Hill start assist warning light
(5)	ABS warning light	(11)	2 seconds or more	(16)	VDC traction mode indicator light
(6)	Light OFF				

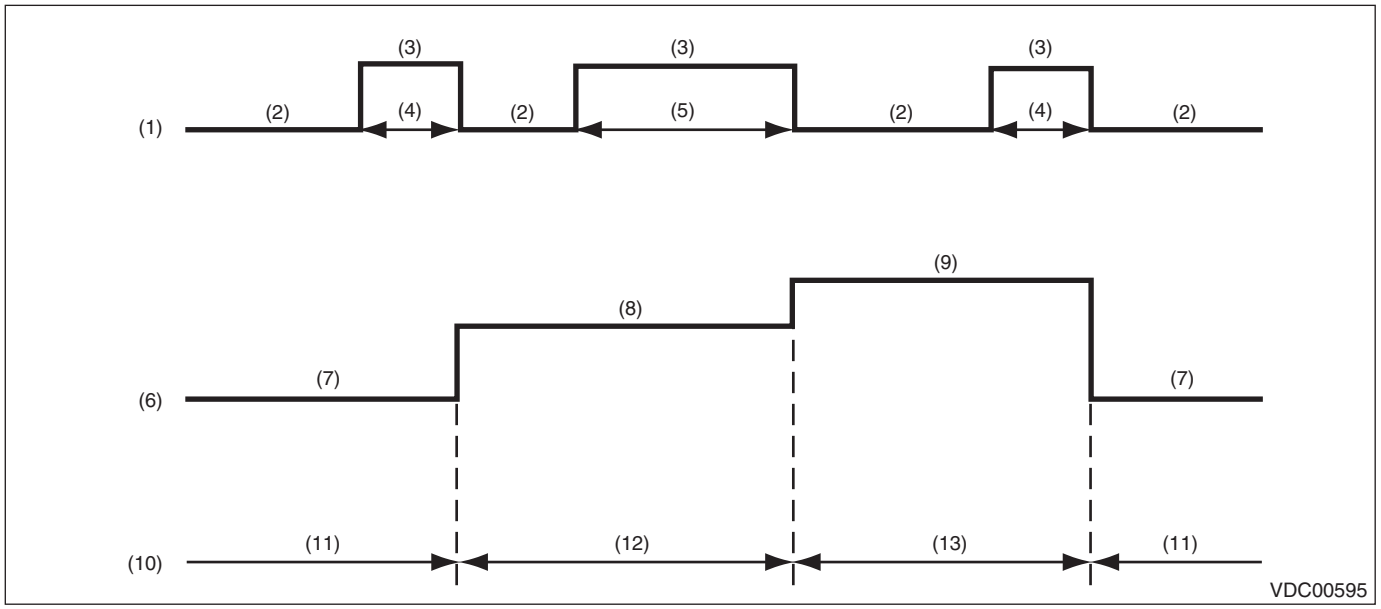
NOTE:
Hill start assist warning light always illuminates when the hill start assist is in the OFF mode.

1) When warning lights or indicator lights do not illuminate in accordance with this illumination pattern, there must be an electrical malfunction.
2) When the warning lights or indicator lights remain constantly OFF, check the combination meter circuit. <Ref. to VDC(diag)-28, EBD WARNING LIGHT, ABS WARNING, VDC OFF INDICATOR LIGHT, VDC WARNING LIGHT AND VDC INDICATOR LIGHT DO NOT COME ON, Warning Light Illumination Pattern.> <Ref. to VDC(diag)-29, HILL START ASSIST WARNING LIGHT DOES NOT COME ON, Warning Light Illumination Pattern.>
3) When the ABS warning light, VDC OFF indicator light, VDC warning light & VDC indicator light, and hill start assist warning light do not go off, check the combination meter circuit or CAN communication circuit. <Ref. to VDC(diag)-30, ABS WARNING LIGHT DOES NOT GO OFF, Warning Light Illumination Pattern.> <Ref. to VDC(diag)-32, VDC OFF INDICATOR LIGHT DOES NOT GO OFF, Warning Light Illumination Pattern.> <Ref. to VDC(diag)-31, VDC WARNING LIGHT AND VDC INDICATOR LIGHT DO NOT GO OFF, Warning Light Illumination Pattern.> <Ref. to VDC(diag)-34, HILL START ASSIST WARNING LIGHT DOES NOT GO OFF, Warning Light Illumination Pattern.>

NOTE:
• Even when the ABS warning light and the VDC warning light & VDC indicator light do not go off in 2 seconds after illuminating, the ABS and VDC functions are normal if the warning lights go off while the vehicle is driven. However, while these lights are on, the functions with their warning lights illuminated do not operate.
• It may take several minutes before the VDC warning light & VDC indicator light goes off, if the vehicle is parked under low temperature for a specified time. This is not defective because it is resulted from low engine coolant temperature. Perform the Clear Memory Mode because DTC may be recorded at this time. <Ref. to VDC(diag)-23, Clear Memory Mode.>
• With the vehicle jack-up/lift-up or set on free rollers, when the wheels lock or spin after starting the engine, ABS warning light, and VDC warning light & VDC indicator light may illuminate because VDCCM&H/U detects the abnormal conditions from ABS wheel speed sensor or longitudinal G sensor. In this case, this is not a malfunction. Perform the Clear Memory Mode. <Ref. to VDC(diag)-23, Clear Memory Mode.>

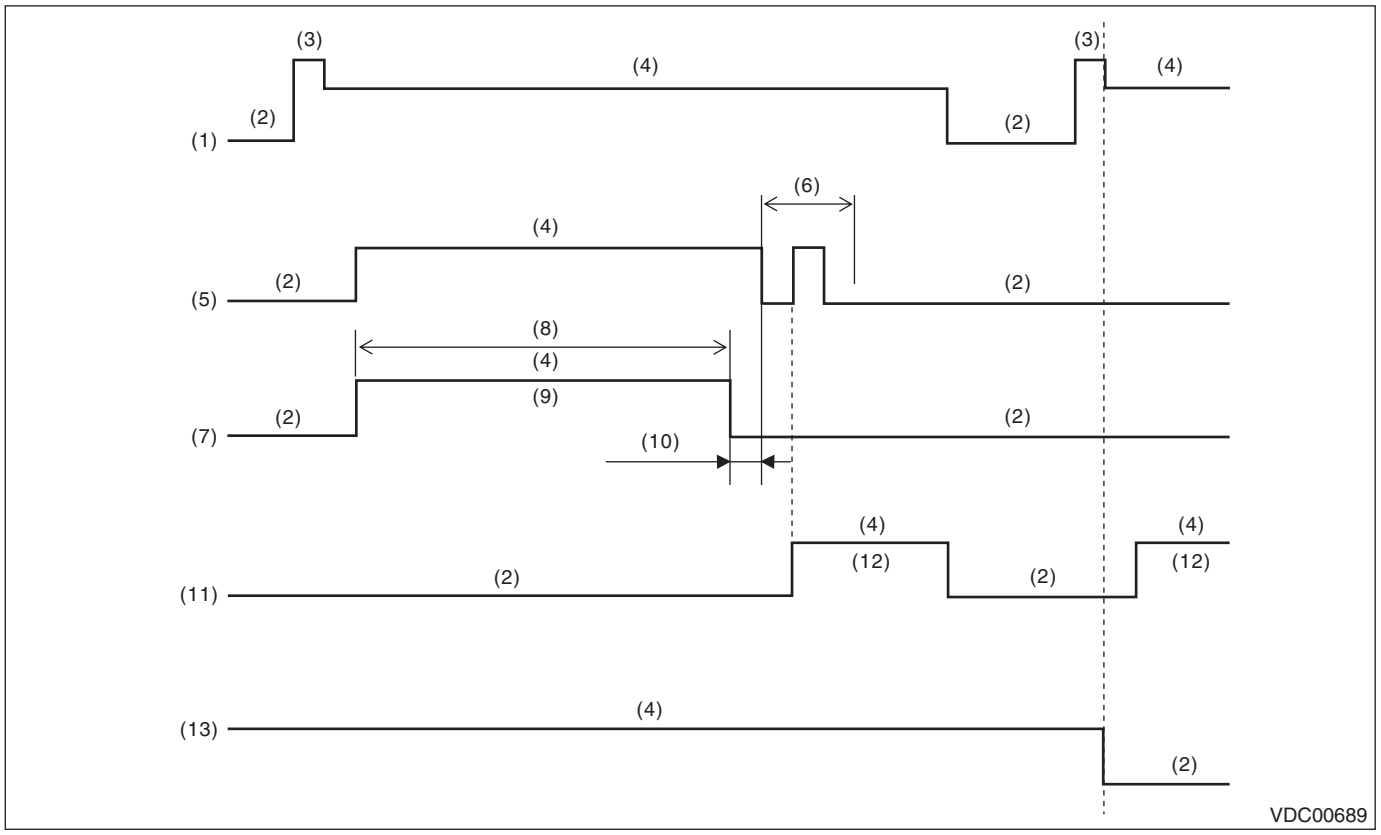
Warning Light Illumination Pattern

4) Warning light illumination pattern at VDC mode change
If illumination patterns of the VDC OFF indicator light and the VDC traction mode indicator light do not match the followings when the VDC OFF switch is operated, check the VDC OFF switch circuit, CAN communication circuit or combination meter circuit. <Ref. to VDC(diag)-38, VDC TRACTION MODE, VDC MODE DOES NOT CHANGE, Warning Light Illumination Pattern.>



(1)	VDC OFF switch	(6)	VDC OFF indicator light and VDC traction mode indicator light	(10)	VDC mode
(2)	OFF	(7)	Light OFF	(11)	Normal mode
(3)	ON	(8)	VDC OFF indicator light and VDC traction mode indicator light ON	(12)	Traction mode
(4)	Less than 2 seconds	(9)	VDC OFF indicator light ON VDC traction mode indicator light OFF	(13)	OFF mode
(5)	2 seconds or more and less than 30 seconds				

5) Warning light illumination pattern at hill start assist OFF mode change
When the VDC OFF switch is kept pressed, VDC OFF indicator light illuminates, then goes off in approx. 30 seconds. If the switch is released in 5 seconds after the light goes off then pressed again in 2 seconds, hill start assist warning light illuminates then mode is changed to hill start assist OFF mode. If hill start assist function ON/OFF does not change, check VDC OFF switch circuit, CAN communication circuit or combination meter circuit. <Ref. to VDC(diag)-40, HILL START ASSIST ON/OFF MODE, VDC MODE DOES NOT CHANGE, Warning Light Illumination Pattern.>



(1) Ignition key
(2) OFF
(3) Start
(4) ON
(5) VDC OFF switch
(6) Less than 2 seconds
(7) VDC OFF indicator light
(8) Approx. 30 seconds (until (7) goes off)
(9) Light ON
(10) 5 seconds or less
(11) Hill start assist warning light
(12) Light ON
(13) Hill start assist function

NOTE:
Hill start assist warning light always illuminates to inform that the hill start assist does not operate during hill start assist OFF mode.

B: EBD WARNING LIGHT, ABS WARNING, VDC OFF INDICATOR LIGHT, VDC WARNING LIGHT AND VDC INDICATOR LIGHT DO NOT COME ON

DETECTING CONDITION:
Defective combination meter

TROUBLE SYMPTOM:
When the ignition switch is turned to ON (engine OFF), EBD warning light, ABS warning light, VDC OFF indicator light, and VDC warning light & VDC indicator light do not illuminate.

NOTE:
When pressing the VDC OFF switch for 30 seconds or more, the VDC OFF indicator light goes off and cannot operate any more. When turning the ignition switch from OFF to ON, the OFF operation enabled status is restored.

	Step	Check	Yes	No
1	**CHECK OTHER INDICATOR LIGHT.** Turn the ignition switch to ON.	Does other indicator light illuminate soon after “ON”?	Go to step **2**.	Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>
2	**CHECK VDCCM.** When the engine does not start, display the current data of VDCCM using Subaru Select Monitor.	Immediately after the ignition switch is turned to ON, is the «EBD Warning Light» ON?	Go to step **3**.	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
3	**CHECK VDCCM.** When the engine does not start, display the current data of VDCCM using Subaru Select Monitor.	Immediately after the ignition switch is turned to ON, is the «ABS Warning Lamp» ON?	Go to step **4**.	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
4	**CHECK VDCCM.** When the engine does not start, display the current data of VDCCM using Subaru Select Monitor.	Immediately after the ignition switch is turned to ON, is the «VDC Warning Lamp» ON?	Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

C: HILL START ASSIST WARNING LIGHT DOES NOT COME ON

DETECTING CONDITION:
Defective combination meter

TROUBLE SYMPTOM:
When the ignition switch is turned to ON (engine OFF), hill start assist warning light does not illuminate.

	Step	Check	Yes	No
1	**CHECK OTHER INDICATOR LIGHT.** Turn the ignition switch to ON. (engine OFF)	Do other indicator lights illuminate?	Go to step **2**.	Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>
2	**READ DTC.** Read the DTC. <Ref. to VDC(diag)-21, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **3**.
3	**CHECK LAN SYSTEM.** Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, Basic Diagnostic Procedure.>	Is there any fault in LAN system?	Perform the diagnosis according to DTC for LAN system. <Ref. to LAN(diag)-70, List of Diagnostic Trouble Code (DTC).>	Go to step **4**.
4	**CHECK COMBINATION METER.** Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-13, Combination Meter.>

D: ABS WARNING LIGHT DOES NOT GO OFF

DETECTING CONDITION:

- Defective combination meter
- Defective engine
- Defective CAN communication

TROUBLE SYMPTOM:

When starting the engine, the ABS warning light is kept on.

	Step	Check	Yes	No
1	**READ DTC.** Read the DTC. <Ref. to VDC(diag)-21, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **2**.
2	**CHECK VDCCM.** Display the current data of VDCCM using Subaru Select Monitor.	Is the «ABS Warning Lamp» ON?	Go to step **3**.	Go to step **5**.
3	**CHECK WARNING LIGHT.** 1) Save the freeze frame data. 2) Perform the Clear Memory Mode. <Ref. to VDC(diag)-23, Clear Memory Mode.>	Does the ABS warning light go off?	Normal Perform the Inspection Mode to check that the light does not turn ON again.	Go to step **4**.
4	**READ DTC.** Read the DTC after driving the vehicle at 40 km/h (25 MPH) or more.	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **5**.
5	**CHECK LAN SYSTEM.** Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, Basic Diagnostic Procedure.>	Is there any fault in LAN system?	Perform the diagnosis according to DTC for LAN system. <Ref. to LAN(diag)-70, List of Diagnostic Trouble Code (DTC).>	Go to step **6**.
6	**CHECK COMBINATION METER.** Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-13, REMOVAL, Combination Meter.>

E: VDC WARNING LIGHT AND VDC INDICATOR LIGHT DO NOT GO OFF

DETECTING CONDITION:

- Defective combination meter
- Defective engine
- Defective CAN communication

TROUBLE SYMPTOM:

When starting the engine, the VDC warning light & VDC indicator light remains lit.

	Step	Check	Yes	No
1	**READ DTC.** Read the DTC. <Ref. to VDC(diag)-21, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **2**.
2	**CHECK VDCCM.** Display the current data of VDCCM using Subaru Select Monitor.	Is the «VDC Warning Lamp» ON?	Go to step **3**.	Go to step **5**.
3	**CHECK WARNING LIGHT.** 1) Save the freeze frame data. 2) Perform the Clear Memory Mode. <Ref. to VDC(diag)-23, Clear Memory Mode.>	Does the VDC warning light & VDC operation indicator light go off?	Normal Perform the Inspection Mode to check that the light does not turn ON again.	Go to step **4**.
4	**READ DTC.** Read the DTC after driving the vehicle at 40 km/h (25 MPH) or more.	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **5**.
5	**CHECK LAN SYSTEM.** Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, Basic Diagnostic Procedure.>	Is there any fault in LAN system?	Perform the diagnosis according to DTC for LAN system. <Ref. to LAN(diag)-70, List of Diagnostic Trouble Code (DTC).>	Go to step **6**.
6	**CHECK COMBINATION METER.** Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-13, REMOVAL, Combination Meter.>

F: VDC OFF INDICATOR LIGHT DOES NOT GO OFF

DETECTING CONDITION:

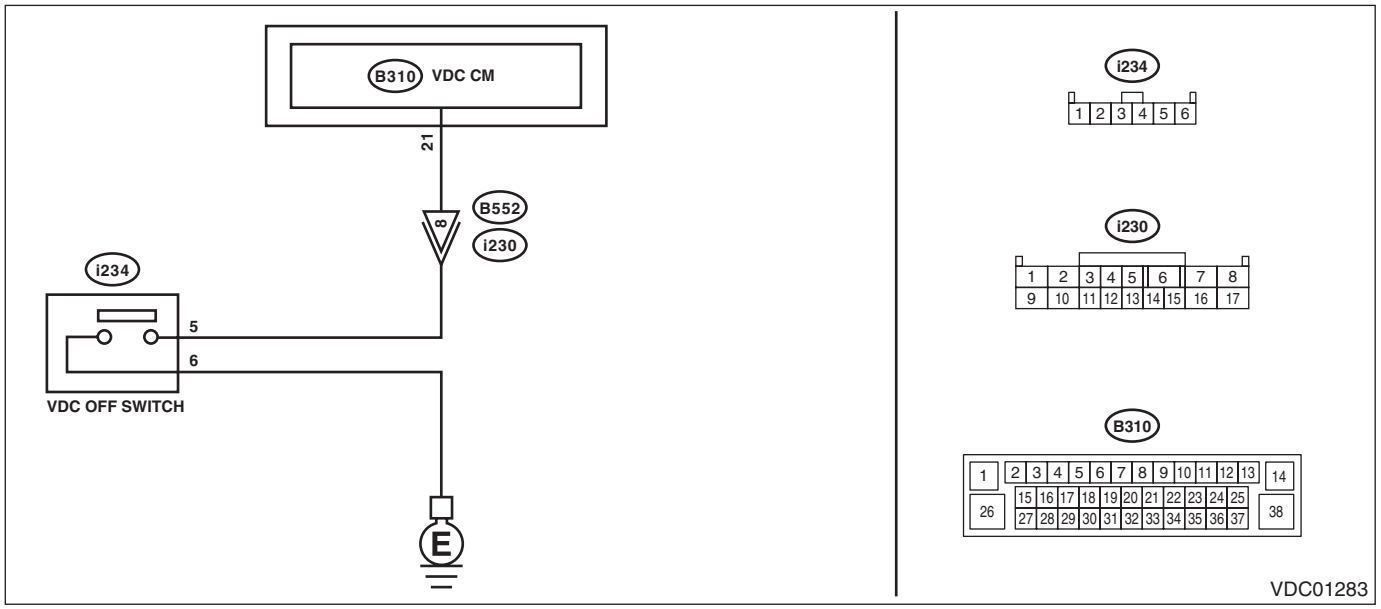
- Defective combination meter
- Defective CAN communication
- VDC OFF switch is shorted.

TROUBLE SYMPTOM:

When starting the engine, VDC OFF indicator light is kept ON.

WIRING DIAGRAM:

Vehicle dynamics control system <Ref. to WI-412, Vehicle Dynamics Control System.>



	Step	Check	Yes	No
1	**READ DTC.** Read the DTC. <Ref. to VDC(diag)-21, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **2**.
2	**CHECK VDC OFF SWITCH.** Remove and check VDC OFF switch. <Ref. to VDC-36, VDC OFF Switch.>	Is the VDC OFF switch normal?	Go to step **3**.	Replace the VDC OFF switch.
3	**CHECK VDC OFF SWITCH CIRCUIT.** 1) Disconnect the connector from the VDCCM&H/U. 2) Measure the resistance between VDCCM&H/U connector and chassis ground. ***Connector & terminal*** ***(B310) No. 21 — Chassis ground:***	Is the resistance less than 10 Ω?	Check the VDC OFF switch circuit.	Go to step **4**.
4	**CHECK LAN SYSTEM.** Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, Basic Diagnostic Procedure.>	Is there any fault in LAN system?	Perform the diagnosis according to DTC for LAN system. <Ref. to LAN(diag)-70, List of Diagnostic Trouble Code (DTC).>	Go to step **5**.

	Step	Check	Yes	No
5	**CHECK COMBINATION METER.** Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-13, REMOVAL, Combination Meter.>

G: HILL START ASSIST WARNING LIGHT DOES NOT GO OFF

DETECTING CONDITION:

- Defective combination meter
- Defective CAN communication

TROUBLE SYMPTOM:

When starting the engine, the hill start assist warning light continues to illuminate.

	Step	Check	Yes	No
1	**CHECK HILL START ASSIST MODE.**	Is the hill start assist OFF?	Normal	Go to step **2**.
2	**READ DTC.** Read the DTC. <Ref. to VDC(diag)-21, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **3**.
3	**CHECK LAN SYSTEM.** Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, Basic Diagnostic Procedure.>	Is there any fault in LAN system?	Perform the diagnosis according to DTC for LAN system. <Ref. to LAN(diag)-70, List of Diagnostic Trouble Code (DTC).>	Go to step **4**.
4	**CHECK COMBINATION METER.** Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-13, REMOVAL, Combination Meter.>

H: BRAKE WARNING LIGHT DOES NOT GO OFF

DETECTING CONDITION:

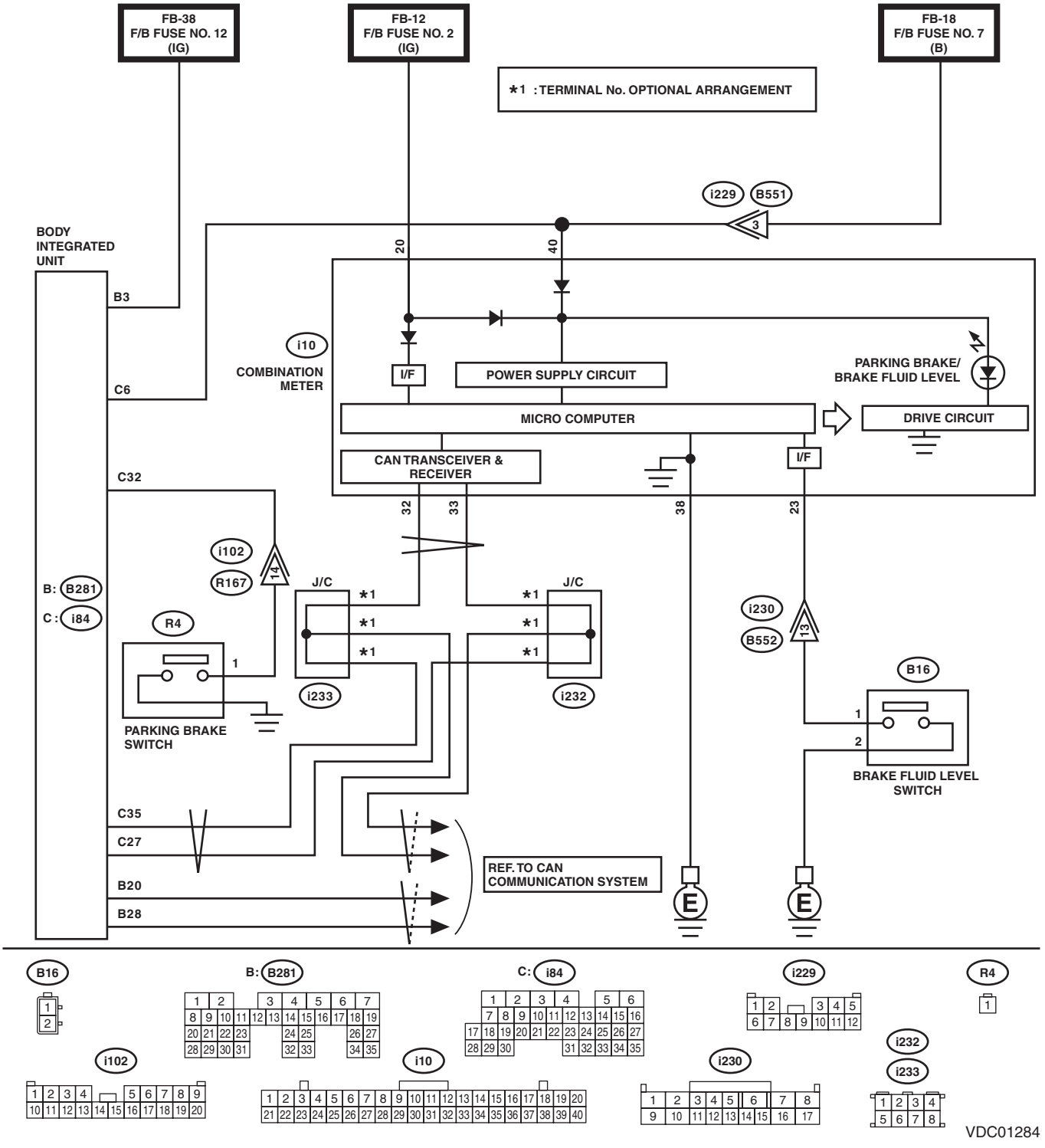
- Brake warning light circuit is shorted.
- Defective sensor/connector
- Defective CAN communication

TROUBLE SYMPTOM:

After starting the engine, the brake warning light remains lit though the parking lever is released.

WIRING DIAGRAM:

Parking brake / brake fluid level warning light system <Ref. to WI-320, Parking Brake / Brake Fluid Level Warning Light System.>



Step		Check	Yes	No
1	**CHECK INSTALLATION OF VDCCM&H/U CONNECTOR.** 1) Turn the ignition switch to OFF. 2) Check that the VDCCM&H/U connector is inserted until it is locked by clamp.	Is the connector firmly inserted?	Go to step **2**.	Insert the VDCCM&H/U connector until it is locked by clamp.

	Step	Check	Yes	No
2	**READ DTC.** Read the DTC. <Ref. to VDC(diag)-21, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **3**.
3	**CHECK BRAKE FLUID AMOUNT.** Check the amount of brake fluid in the reservoir tank of master cylinder.	Does the level of the brake fluid amount fall between the lines of "MAX" and "MIN"?	Go to step **4**.	Replenish brake fluid to the specified value.
4	**CHECK BRAKE FLUID LEVEL SWITCH.** 1) Turn the ignition switch to OFF. 2) Disconnect the level switch connector (B16) from master cylinder. 3) Measure the resistance of master cylinder terminals. ***Terminals*** ***No. 1 — No. 2:***	Is the resistance 1 MΩ or more?	Go to step **5**.	Replace the master cylinder. <Ref. to BR-52, Master Cylinder.>
5	**CHECK GROUND SHORT OF HARNESS.** 1) Disconnect the connector (i10) from combination meter. 2) Measure the resistance between combination meter connector and chassis ground. ***Connector & terminal*** ***(i10) No. 23 — Chassis ground:***	Is the resistance 1 MΩ or more?	Go to step **6**.	Repair the harness between combination meter and brake fluid level switch.
6	**CHECK PARKING BRAKE SWITCH.** 1) Disconnect the connector (R4) from parking brake switch. 2) Release the parking brake. 3) Measure the resistance between parking brake switch terminal and chassis ground.	Is the resistance 1 MΩ or more?	Go to step **7**.	Replace the parking brake switch.
7	**CHECK GROUND SHORT OF HARNESS.** 1) Disconnect the connector (i84) from body integrated unit. 2) Measure the resistance between body integrated unit connector and chassis ground. ***Connector & terminal*** ***(i84) No. 32 — Chassis ground:***	Is the resistance 1 MΩ or more?	Go to step **8**.	Repair the harness between body integrated unit and parking brake switch.
8	**CHECK POOR CONTACT OF CONNECTOR.** Check for poor contact of all connectors.	Is there poor contact?	Repair the connector.	Go to step **9**.
9	**CHECK LAN SYSTEM.** Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, Basic Diagnostic Procedure.>	Is there any fault in LAN system?	Perform the diagnosis according to DTC for LAN system. <Ref. to LAN(diag)-70, List of Diagnostic Trouble Code (DTC).>	Go to step **10**.
10	**CHECK COMBINATION METER.** Check the combination meter. <Ref. to IDI-6, SELF-DIAGNOSIS DISPLAY MODE, OPERATION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-13, Combination Meter.>

I: VDC MODE DOES NOT CHANGE

1. VDC TRACTION MODE

DETECTING CONDITION

- Defective combination meter
- Defective CAN communication
- Defective VDC OFF switch

TROUBLE SYMPTOM:

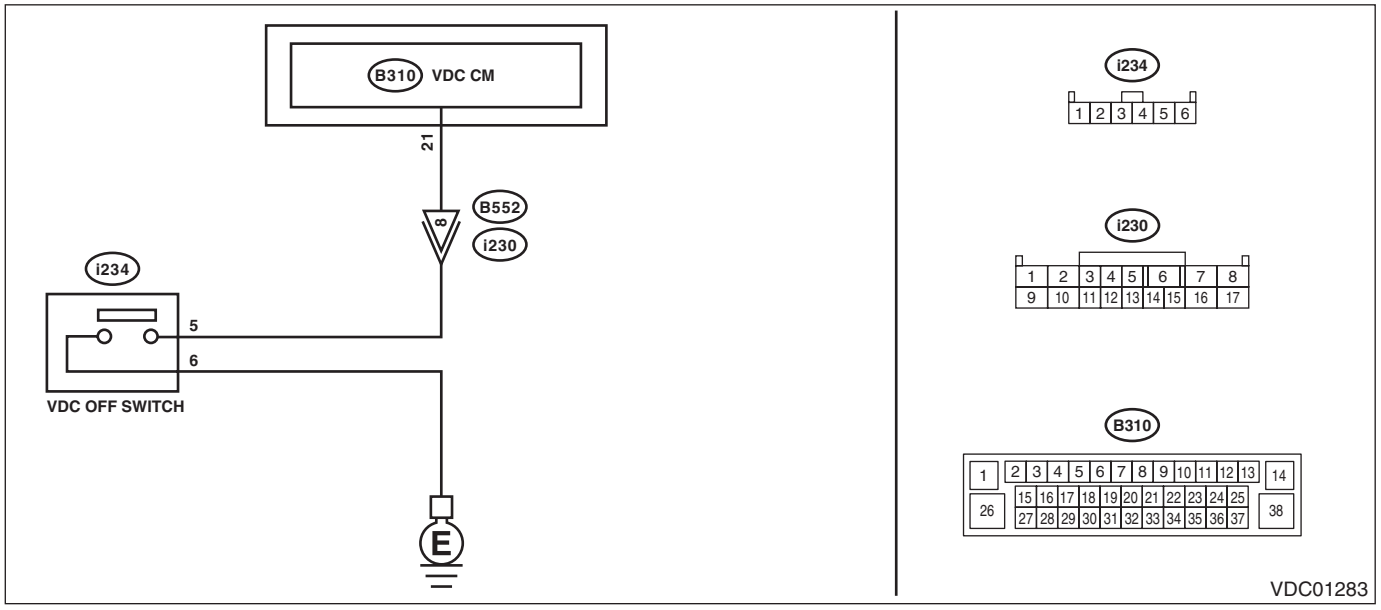
Even when the VDC OFF switch is operated, the VDC traction mode indicator light does not illuminate, or the illumination color does not change. (The VDC mode does not change)

NOTE:

- When the VDC OFF switch is pressed (2 seconds or less), the VDC traction mode indicator light illuminates in green. (Traction mode)
- When the VDC OFF switch is held down (2 seconds or more, 10 seconds or less), the VDC OFF indicator light illuminates in yellow. (VDC OFF mode)
- When the VDC OFF switch is pressed for 10 seconds or more, the VDC traction mode indicator light goes off, and subsequent switch operations are not accepted. When turning the ignition switch from OFF to ON, the OFF operation enabled status is restored.

WIRING DIAGRAM:

Vehicle dynamics control system <Ref. to WI-412, Vehicle Dynamics Control System.>



	Step	Check	Yes	No
1	**READ DTC.** Read the DTC. <Ref. to VDC(diag)-21, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **2**.
2	**CHECK HARNESS.** 1) Turn the ignition switch to OFF. 2) Disconnect the connector from the VDCCM&H/U and VDC OFF switch. 3) Measure the resistance of harness between the VDCCM&H/U and VDC OFF switch connectors. ***Connector & terminal*** ***(B310) No. 21 — (i234) No. 5:***	Is the resistance less than 1 Ω?	Go to step **3**.	Repair the harness between the VDCCM&H/U and VDC OFF switch connectors.

	Step	Check	Yes	No
3	**CHECK GROUND SHORT OF HARNESS.** Measure the resistance between VDCCM&H/U connector and chassis ground. ***Connector & terminal*** ***(B310) No. 21 — Chassis ground:***	Is the resistance 1 MΩ or more?	Go to step **4**.	Repair the harness between the VDCCM&H/U and VDC OFF switch connectors.
4	**CHECK HARNESS.** Measure the resistance of harness between VDC OFF switch connector and chassis ground. ***Connector & terminal*** ***(i234) No. 6 — Chassis ground:***	Is the resistance less than 10 Ω?	Go to step **5**.	Repair the harness between the VDC OFF switch connector and chassis ground.
5	**CHECK VDC OFF SWITCH.** Check the VDC OFF switch. <Ref. to VDC-37, INSPECTION, VDC OFF Switch.>	Is the VDC OFF switch normal?	Go to step **6**.	Replace the VDC OFF switch. <Ref. to VDC-36, VDC OFF Switch.>
6	**CHECK LAN SYSTEM.** Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, Basic Diagnostic Procedure.>	Is there any fault in LAN system?	Perform the diagnosis according to DTC for LAN system. <Ref. to LAN(diag)-70, List of Diagnostic Trouble Code (DTC).>	Go to step **7**.
7	**CHECK COMBINATION METER.** Check the combination meter. <Ref. to IDI-9, INSPECTION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-13, Combination Meter.>

2. HILL START ASSIST ON/OFF MODE

DETECTING CONDITION

- Defective combination meter
- Defective CAN communication
- Defective VDC OFF switch

TROUBLE SYMPTOM:

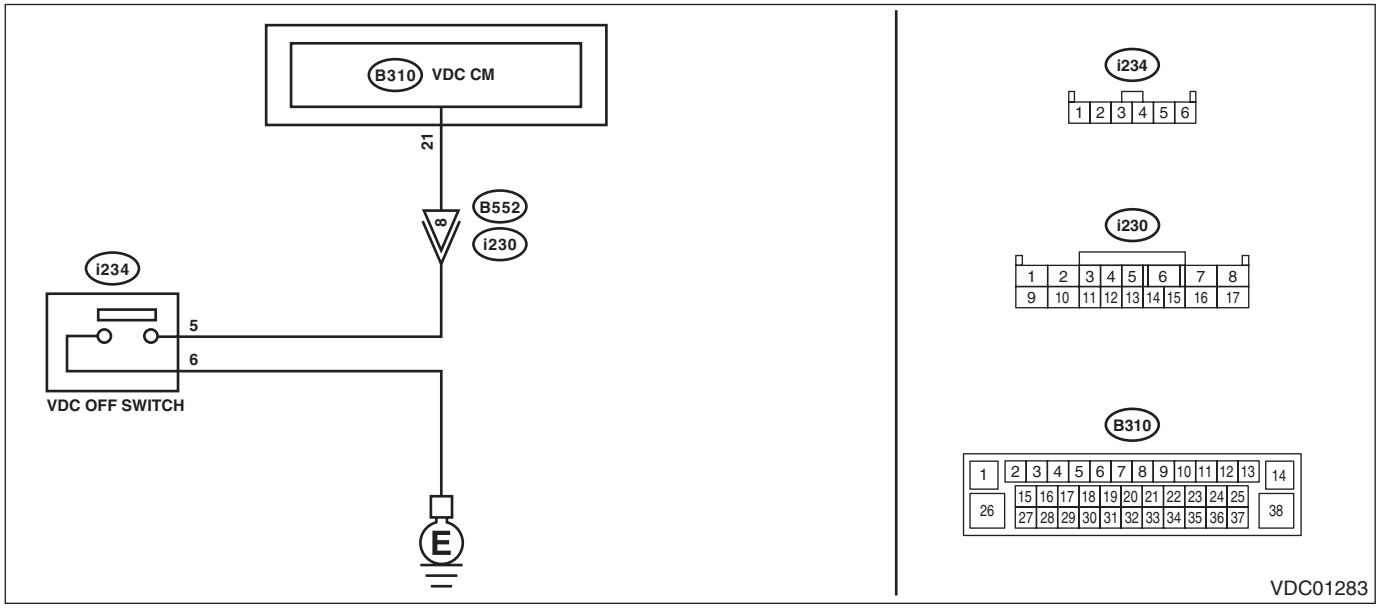
Hill start assist warning light does not illuminate or go off when hill start assist function ON/OFF is changed. (Hill start assist mode does not change.)

NOTE:

- When the VDC OFF switch is kept pressed, the VDC traction mode indicator light illuminates in green at first, then turns yellow, and then goes off in approx. 30 seconds. If the switch is released in 5 seconds after the light goes off then pressed again in 2 seconds, hill start assist warning light illuminates then mode is changed to hill start assist OFF mode.
- Hill start assist warning light always illuminates to inform that the hill start assist does not operate during hill start assist OFF mode.
- When the VDC OFF switch is held down for 10 seconds or more and the VDC traction mode indicator light goes off, if the switch is not pressed again within 5 seconds, subsequent switch operations will not be accepted. When turning the ignition switch from OFF to ON, the operation enabled status is restored.

WIRING DIAGRAM:

Vehicle dynamics control system <Ref. to WI-412, Vehicle Dynamics Control System.>



Step		Check	Yes	No
1	**READ DTC.** Read the DTC. <Ref. to VDC(diag)-21, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-42, List of Diagnostic Trouble Code (DTC).>	Go to step **2**.
2	**CHECK HARNESS.** 1) Turn the ignition switch to OFF. 2) Disconnect the connector from the VDCCM&H/U and VDC OFF switch. 3) Measure the resistance of harness between the VDCCM&H/U and VDC OFF switch connectors. ***Connector & terminal*** ***(B310) No. 21 — (i234) No. 5:***	Is the resistance less than 1 Ω?	Go to step **3**.	Repair the harness between the VDCCM&H/U and VDC OFF switch connectors.

	Step	Check	Yes	No
3	**CHECK GROUND SHORT OF HARNESS.** Measure the resistance between VDCCM&H/U connector and chassis ground. ***Connector & terminal*** ***(B310) No. 21 — Chassis ground:***	Is the resistance 1 MΩ or more?	Go to step **4**.	Repair the harness between the VDCCM&H/U and VDC OFF switch connectors.
4	**CHECK HARNESS.** Measure the resistance of harness between VDC OFF switch connector and chassis ground. ***Connector & terminal*** ***(i234) No. 6 — Chassis ground:***	Is the resistance less than 10 Ω?	Go to step **5**.	Repair the harness between the VDC OFF switch connector and chassis ground.
5	**CHECK VDC OFF SWITCH.** Check the VDC OFF switch. <Ref. to VDC-37, INSPECTION, VDC OFF Switch.>	Is the VDC OFF switch normal?	Go to step **6**.	Replace the VDC OFF switch. <Ref. to VDC-36, VDC OFF Switch.>
6	**CHECK LAN SYSTEM.** Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, Basic Diagnostic Procedure.>	Is there any fault in LAN system?	Perform the diagnosis according to DTC for LAN system. <Ref. to LAN(diag)-70, List of Diagnostic Trouble Code (DTC).>	Go to step **7**.
7	**CHECK COMBINATION METER.** Check the combination meter. <Ref. to IDI-9, INSPECTION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-8, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-13, Combination Meter.>