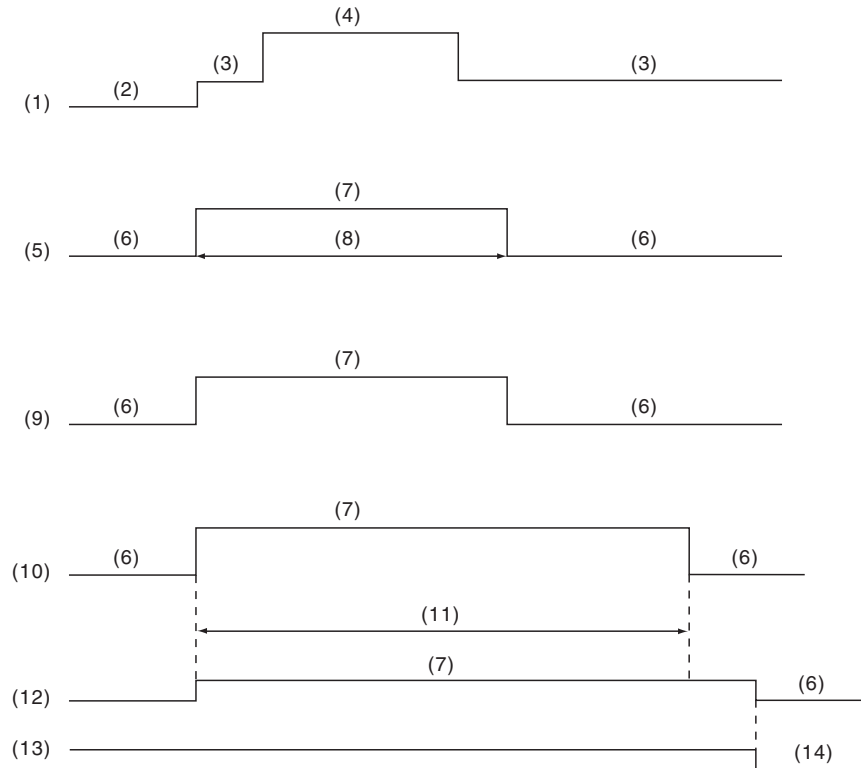


Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

10.Warning Light Illumination Pattern

A: INSPECTION



VDC00214

- | | | |
|-----------------------|--|--|
| (1) Ignition switch | (6) Light OFF | (11) Several seconds (depending on engine coolant temperature) |
| (2) OFF | (7) Light ON | (12) Brake warning light (EBD warning light) |
| (3) ON | (8) 1.5 seconds | (13) Parking brake |
| (4) Engine start | (9) VDC indicator light (C4 model)
TCS OFF indicator light (except for C4 model) | (14) Released |
| (5) ABS warning light | (10) VDC warning light & TCS OFF indicator light (C4 model)
VDC warning light & VDC indicator light (except for C4 model) | |

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

1) When warning lights or indicator lights do not illuminate in accordance with this illumination pattern, there must be an electrical malfunction.

2) When warning lights or indicator lights remain constantly OFF, check the combination meter circuit or CAN communication circuit. <Ref. to VDC(diag)-30, VDC WARNING LIGHT, TCS OFF INDICATOR LIGHT AND VDC INDICATOR LIGHT DO NOT COME ON, Warning Light Illumination Pattern.> <Ref. to VDC(diag)-31, VDC WARNING LIGHT AND VDC INDICATOR LIGHT, TCS OFF INDICATOR LIGHT DO NOT COME ON, Warning Light Illumination Pattern.>

3) When ABS warning light does not go off, check the combination meter circuit. <Ref. to VDC(diag)-35, ABS WARNING LIGHT DOES NOT GO OFF, Warning Light Illumination Pattern.>

4) When the VDC warning light & TCS OFF indicator light (C4 model), VDC warning light & VDC indicator light (except for C4 model), VDC indicator light (C4 model) or TCS OFF indicator light (except for C4 model) does not go off, check the combination meter circuit or CAN communication circuit. <Ref. to VDC(diag)-38, VDC WARNING LIGHT AND TCS OFF INDICATOR LIGHT DO NOT GO OFF, Warning Light Illumination Pattern.> <Ref. to VDC(diag)-39, VDC WARNING LIGHT AND VDC INDICATOR LIGHT DO NOT GO OFF, Warning Light Illumination Pattern.> <Ref. to VDC(diag)-40, VDC INDICATOR LIGHT DOES NOT GO OFF, Warning Light Illumination Pattern.> <Ref. to VDC(diag)-41, TCS OFF INDICATOR LIGHT DO NOT GO OFF, Warning Light Illumination Pattern.>

NOTE:

- Even though the ABS warning light does not go off after 1.5 seconds from ABS warning light illumination, the ABS system operates normally when the warning light goes off while driving at approximately 12 km/h (7 MPH). However, the ABS system does not work while the ABS warning light is illuminated.
- If the vehicle is parked under a low temperature for a specified time, it may take several minutes before VDC warning light & TCS OFF indicator light (C4 model) or VDC warning light & VDC indicator light (except for C4 model) goes off. This is not defective because it is resulted from low engine coolant temperature.
- With the vehicle jacked-up/lifted-up or set on free rollers, when the wheels lock or spin after starting the engine, the ABS warning light, VDC warning light & TCS OFF indicator light (C4 model) or VDC warning light & VDC indicator light (except for C4 model) may illuminate because the VDCCM&H/U detects the abnormal condition from the ABS wheel speed sensors. In this case, this is not a malfunction. Perform the Clear Memory Mode.

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

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

NOTE:

This diagnosis is applied to C4 model.

DETECTING CONDITION:

- Defective combination meter
- Defective CAN communication

TROUBLE SYMPTOM:

When the ignition switch is turned to ON (engine OFF), the VDC indicator light, VDC warning light & TCS OFF indicator light do not become lit.

NOTE:

When the TCS OFF switch is pressed for 10 seconds or more, the TCS OFF indicator light turns off and switch operations thereafter will not be accepted. 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.	Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>
2 CHECK VDCCM. Connect the Subaru Select Monitor, and display the current data of VDCCM without starting the engine. <Ref. to VDC(diag)-20, READ CURRENT DATA, OPERATION, Subaru Select Monitor.>	Is "VDC Warning Light" output set to ON?	Go to step 3.	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
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)-31, List of Diagnostic Trouble Code (DTC).>	Go to step 4.
4 CHECK COMBINATION METER. Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-11, Combination Meter.>

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

C: VDC WARNING LIGHT AND VDC INDICATOR LIGHT, TCS OFF INDICATOR LIGHT DO NOT COME ON

NOTE:

This diagnosis is applied to models other than C4 model.

DETECTING CONDITION:

- Defective combination meter
- Defective CAN communication

TROUBLE SYMPTOM:

When the ignition switch is turned to ON (engine OFF), VDC warning light & VDC indicator light and TCS OFF indicator light do not illuminate.

NOTE:

When the TCS OFF switch is pressed for 10 seconds or more, the TCS OFF indicator light turns off and switch operations thereafter will not be accepted. 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.	Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>
2 CHECK VDCCM. Connect the Subaru Select Monitor, and display the current data of VDCCM without starting the engine. <Ref. to VDC(diag)-20, READ CURRENT DATA, OPERATION, Subaru Select Monitor.>	Is "VDC Warning Light" output set to ON?	Go to step 3.	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
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)-31, List of Diagnostic Trouble Code (DTC).>	Go to step 4.
4 CHECK COMBINATION METER. Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-11, Combination Meter.>

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

D: ABS WARNING LIGHT DOES NOT COME ON

DETECTING CONDITION:

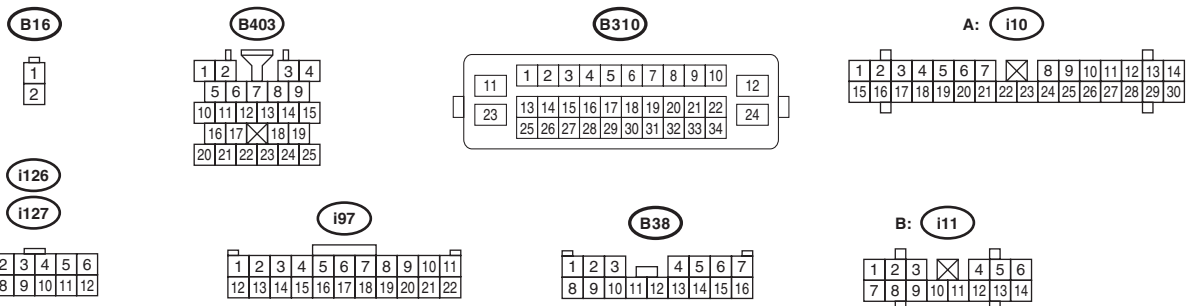
- Defective combination meter
- Defective harness

TROUBLE SYMPTOM:

When the ignition switch is turned to ON (engine OFF), ABS warning light does not illuminate.

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

Parking brake / brake fluid level warning light system <Ref. to WI-156, Parking Brake / Brake Fluid Level Warning Light System.>



VDC(diag)-33

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

Step	Check	Yes	No
1 CHECK OTHER LIGHTS TURN ON. Turn the ignition switch to ON. (engine OFF)	Do other warning lights illuminate?	Go to step 2.	Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>
2 READ DTC. Read the DTC. <Ref. to VDC(diag)-25, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-45, List of Diagnostic Trouble Code (DTC).>	Go to step 3.
3 CHECK GROUND SHORT CIRCUIT OF HARNESS. 1) Turn the ignition switch to OFF. 2) Disconnect the connector (B310) from the VDCCM&H/U. 3) Disconnect the connector (i11) from combination meter. 4) Measure the resistance between VDCCM&H/U connector and chassis ground. Connector & terminal (B310) No. 8 — Chassis ground:	Is the resistance 1 MΩ or more?	Go to step 4.	Repair the harness connector between VDCCM&H/U and combination meter.
4 CHECK VDCCM. 1) Connect the connector (B310) to VDCCM&H/U. 2) Turn the ignition switch to ON. 3) Measure the resistance between the combination meter connector and chassis ground soon after the ignition switch is turned to ON (within 1.5 seconds). Connector & terminal (i11) No. 6 — Chassis ground:	Is the resistance 1 MΩ or more?	Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

E: ABS WARNING LIGHT DOES NOT GO OFF

DETECTING CONDITION:

- Defective combination meter
- Open circuit of harness

TROUBLE SYMPTOM:

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

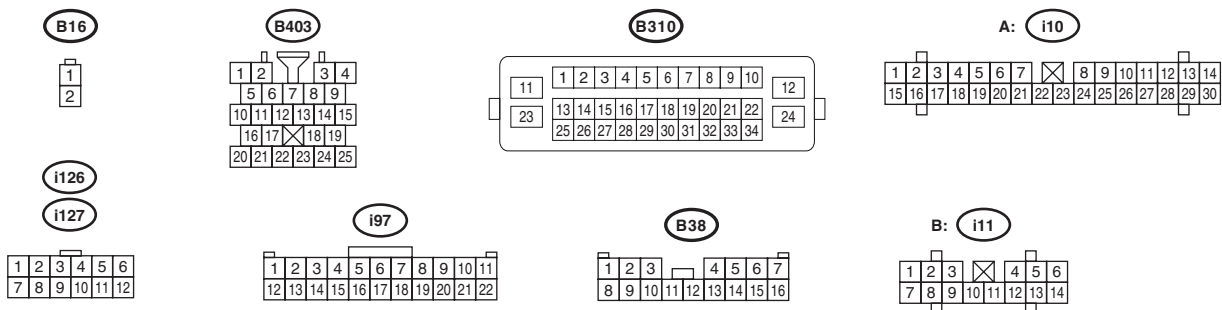
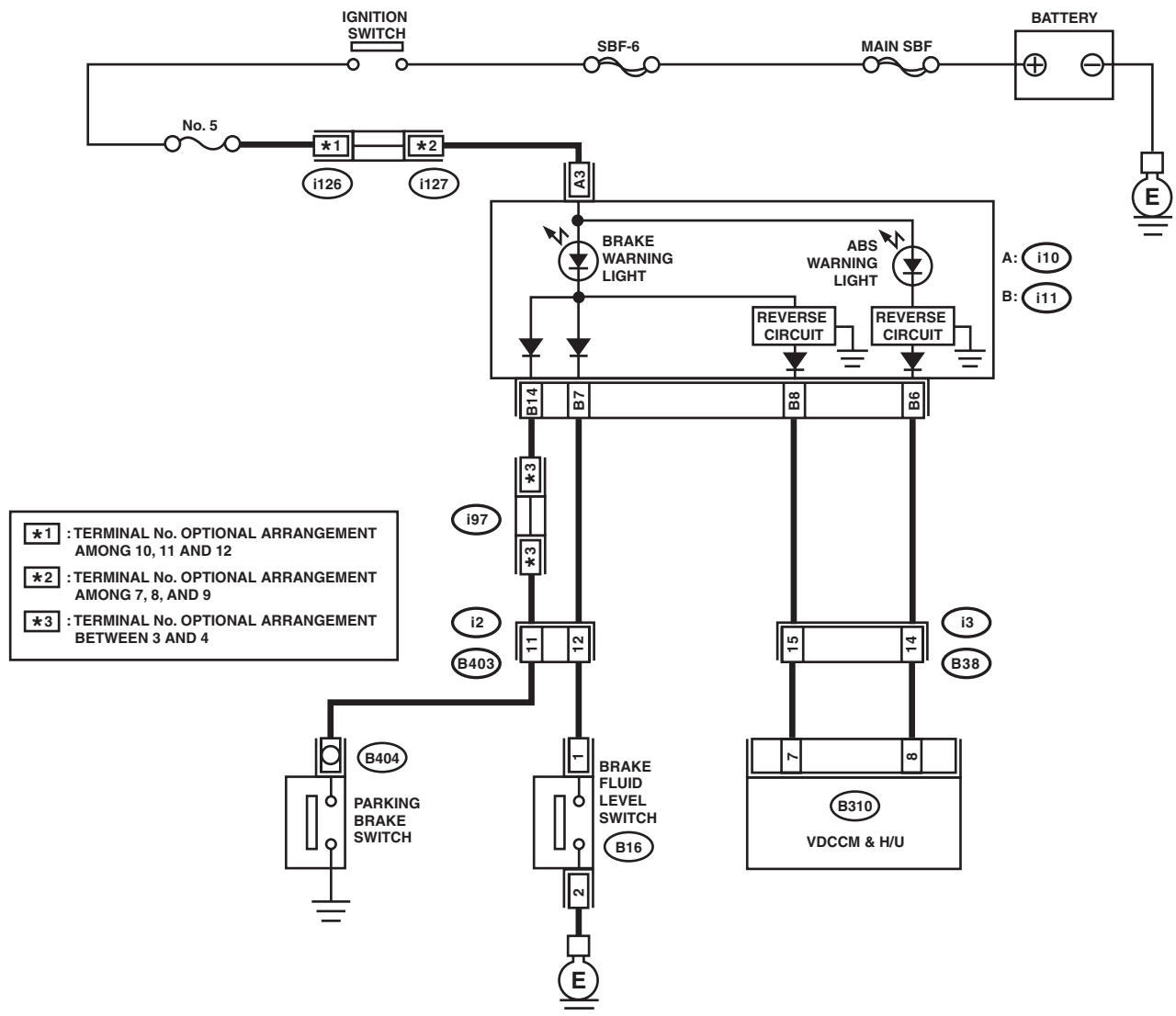
Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

WIRING DIAGRAM:

Vehicle dynamics control system <Ref. to WI-58, Vehicle Dynamics Control System.>

Parking brake / brake fluid level warning light system <Ref. to WI-156, Parking Brake / Brake Fluid Level Warning Light System.>



VDC00825

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

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.
2 READ DTC. Read the DTC. <Ref. to VDC(diag)-25, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-45, List of Diagnostic Trouble Code (DTC).>	Go to step 3.
3 CHECK WIRING HARNESS. 1) Turn the ignition switch to OFF. 2) Disconnect the connector (B310) from the VDCCM&H/U. 3) Disconnect the connector (i11) from combination meter. 4) Measure the resistance between VDCCM&H/U connector and combination meter connector. Connector & terminal (B310) No. 8 — (i11) No. 6:	Is the resistance less than 1 Ω ?	Go to step 4.	Repair the harness connector between VDCCM&H/U and combination meter.
4 CHECK POOR CONTACT OF CONNECTOR. Check for poor contact of all connectors.	Is there poor contact?	Repair the poor contact of connector.	Go to step 5.
5 CHECK VDCCM. 1) Connect the connector (B310) to VDCCM&H/U. 2) Turn the ignition switch to ON. 3) After turning the ignition switch to ON, wait 1.5 seconds or more, then measure the voltage between the combination meter connector and chassis ground. Connector & terminal (i11) No. 6 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

F: VDC WARNING LIGHT AND TCS OFF INDICATOR LIGHT DO NOT GO OFF

NOTE:

This diagnosis is applied to C4 model.

DETECTING CONDITION:

- Defective combination meter
- Defective CAN communication
- Defective engine
- TCS OFF switch is shorted.

TROUBLE SYMPTOM:

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

NOTE:

When the TCS OFF switch is pressed for 10 seconds or more, the TCS OFF indicator light turns off and switch operations thereafter will not be accepted. When turning the ignition switch from OFF to ON, the OFF operation enabled status is restored.

Step	Check	Yes	No
1 READ DTC. Read the DTC. <Ref. to VDC(diag)-25, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-45, List of Diagnostic Trouble Code (DTC).>	Go to step 2.
2 CHECK ENGINE.	Does the malfunction indicator light illuminate?	Repair the engine. <Ref. to EN(H6DO)(diag)-2, Basic Diagnostic Procedure.>	Go to step 3.
3 CHECK ENGINE COOLANT TEMPERATURE. Warm up the engine and check for whether the VDC warning light & TCS OFF indicator light illumination condition changes.	When the engine coolant temperature is too low, the VDC warning light & TCS OFF indicator light illuminates. Do the lights go off when the engine is warmed up?	Normal	Go to step 4.
4 CHECK TCS OFF SWITCH. Remove and check TCS OFF switch. <Ref. to VDC-25, TCS OFF Switch.>	Is the TCS OFF switch operating normally?	Go to step 5.	Replace the TCS OFF switch. <Ref. to VDC-25, TCS OFF Switch.>
5 CHECK VDCCM&H/U. 1) Connect the Subaru Select Monitor to the vehicle. 2) Start the engine, and select "Current Data Display & Save" in the Subaru Select Monitor. <Ref. to VDC(diag)-20, READ CURRENT DATA, OPERATION, Subaru Select Monitor.>	Is the VDC warning light and TCS OFF light output displayed as being OFF?	Go to step 6.	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
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)-31, List of Diagnostic Trouble Code (DTC).>	Go to step 7.
7 CHECK COMBINATION METER. Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Is combination meter OK?	Temporary poor contact occurs.	Replace the combination meter. <Ref. to IDI-11, Combination Meter.>

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

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

NOTE:

This diagnosis is applied to models other than C4 model.

DETECTING CONDITION:

- Defective combination meter
- 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)-25, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-45, List of Diagnostic Trouble Code (DTC).>	Go to step 2.
2 CHECK ENGINE.	Does the malfunction indicator light illuminate?	Repair the engine. <Ref. to EN(H6DO)(diag)-2, Basic Diagnostic Procedure.>	Go to step 3.
3 CHECK ENGINE COOLANT TEMPERATURE. Warm up the engine, and check if the VDC warning light & VDC indicator light illumination condition changes.	When the engine coolant temperature is too low, the VDC warning light & VDC indicator light illuminates. Do the lights go off when the engine is warmed up?	Normal	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)-31, List of Diagnostic Trouble Code (DTC).>	Go to step 5.
5 CHECK COMBINATION METER. Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-11, Combination Meter.>

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

H: VDC INDICATOR LIGHT DOES NOT GO OFF

NOTE:

This diagnosis is applied to C4 model.

DETECTING CONDITION:

- Defective combination meter
- Defective CAN communication

TROUBLE SYMPTOM:

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

	Step	Check	Yes	No
1	READ DTC. Read the DTC. <Ref. to VDC(diag)-25, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-45, List of Diagnostic Trouble Code (DTC).>	Go to step 2.
2	CHECK VDCCM&H/U. 1) Connect the Subaru Select Monitor to the vehicle. 2) Start the engine, and select "Current Data Display & Save" in the Subaru Select Monitor. <Ref. to VDC(diag)-20, READ CURRENT DATA, OPERATION, Subaru Select Monitor.>	Is the ABS warning light output displayed as being OFF?	Go to step 3.	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
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)-31, List of Diagnostic Trouble Code (DTC).>	Go to step 4.
4	CHECK COMBINATION METER. Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-11, Combination Meter.>

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

I: TCS OFF INDICATOR LIGHT DO NOT GO OFF

NOTE:

This diagnosis is applied to models other than C4 model.

DETECTING CONDITION:

- Defective combination meter
- Defective CAN communication
- Defective engine
- TCS OFF switch is shorted.

TROUBLE SYMPTOM:

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

NOTE:

When the TCS OFF switch is pressed for 10 seconds or more, the TCS OFF indicator light turns off and switch operations thereafter will not be accepted. When turning the ignition switch from OFF to ON, the OFF operation enabled status is restored.

Step	Check	Yes	No
1 READ DTC. Read the DTC. <Ref. to VDC(diag)-25, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-45, List of Diagnostic Trouble Code (DTC).>	Go to step 2.
2 CHECK TCS OFF SWITCH. Remove and check TCS OFF switch. <Ref. to VDC-25, TCS OFF Switch.>	Is the TCS OFF switch operating normally?	Go to step 3.	Replace the TCS OFF switch. <Ref. to VDC-25, TCS OFF Switch.>
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)-31, List of Diagnostic Trouble Code (DTC).>	Go to step 4.
4 CHECK COMBINATION METER. Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Is combination meter OK?	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>	Replace the combination meter. <Ref. to IDI-11, Combination Meter.>

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

J: BRAKE WARNING LIGHT DOES NOT GO OFF

DETECTING CONDITION:

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

TROUBLE SYMPTOM:

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

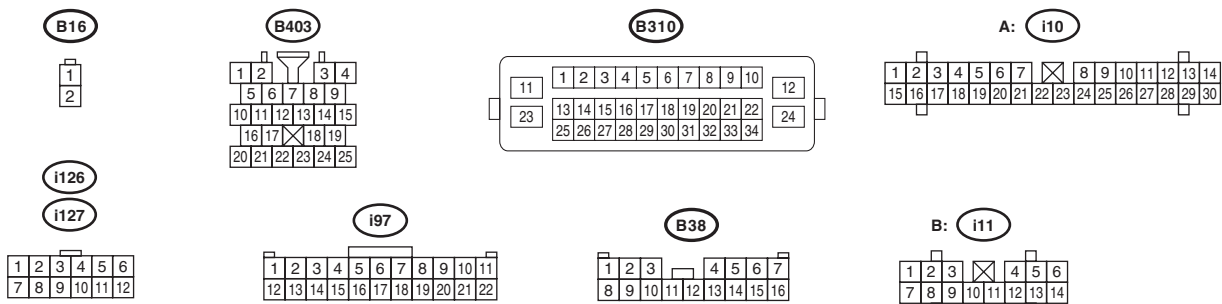
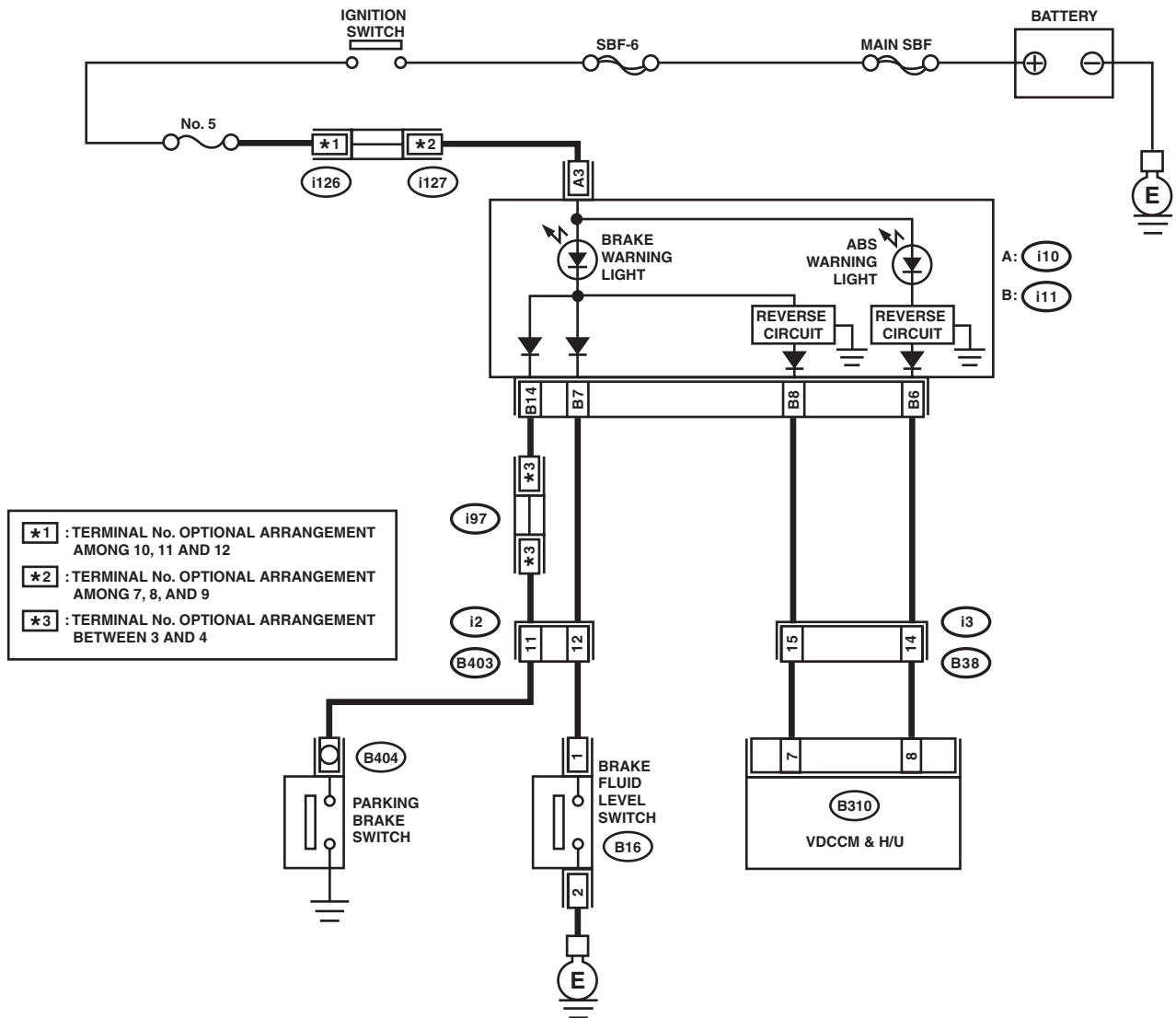
Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

WIRING DIAGRAM:

Vehicle dynamics control system <Ref. to WI-58, Vehicle Dynamics Control System.>

Parking brake / brake fluid level warning light system <Ref. to WI-156, Parking Brake / Brake Fluid Level Warning Light System.>



VDC00825

Warning Light Illumination Pattern

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

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.
2 READ DTC. Read the DTC. <Ref. to VDC(diag)-25, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to VDC(diag)-45, 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 between the brake fluid level switch terminals. Terminals No. 1 — No. 2:	Is the resistance 1 MΩ or more?	Go to step 5.	Replace the master cylinder. <Ref. to BR-25, Master Cylinder.>
5 CHECK PARKING BRAKE SWITCH. 1) Disconnect the connector (B404) 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 6.	Replace the parking brake switch.
6 CHECK GROUND SHORT OF HARNESS. 1) Disconnect the connector (i11) from combination meter. 2) Measure the resistance between combination meter connector and chassis ground. Connector & terminal (i11) No. 7 — Chassis ground: (i11) No. 14 — Chassis ground:	Is the resistance 1 MΩ or more?	Go to step 7.	Repair the harness connector between combination meter and brake fluid level switch or parking brake switch.
7 CHECK HARNESS CONNECTOR. 1) Disconnect the connector (B310) from the VDCCM&H/U. 2) Disconnect the connector (i11) from combination meter. 3) Measure the resistance between VDCCM&H/U connector and combination meter connector. Connector & terminal (B310) No. 7 — (i11) No. 8:	Is the resistance less than 1 Ω?	Go to step 8.	Repair the harness connector between VDCCM&H/U and combination meter.
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 VDCCM. 1) Connect the connector (B310) to VDCCM&H/U. 2) Turn the ignition to ON. 3) After turning the ignition switch to ON, wait 1.5 seconds or more, then measure the voltage between the combination meter connector and chassis ground. Connector & terminal (i11) No. 8 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Perform the self-diagnosis of combination meter. <Ref. to IDI-4, SELF-DIAGNOSIS, INSPECTION, Combination Meter System.>	Replace the VDCCM&H/U. <Ref. to VDC-6, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>