

ATTENTION:

GENERAL MANAGER ☐

PARTS MANAGER ☐

CLAIMS PERSONNEL ☐

SERVICE MANAGER ☐

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.

© 2026 Subaru of America, Inc. All rights reserved.



SUBARU

QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: 2015-25MY Outback
 2015-25MY Legacy
 2017+ Impreza
 2019+ Forester (Including Wilderness & SHEV)
 2018+ Crosstrek (Including Wilderness & SHEV)
 2015+ WRX

NUMBER: 18-244-26

DATE: 09/18/26

SUBJECT: Service Manual Update / DTCs C1956 & C1957

INTRODUCTION:

This Service Information Bulletin announces additional troubleshooting steps for the following DTCs:

DTC C1956: RH Actuator Circuit

DTC C1957: LH Actuator Circuit

If either of these DTCs are detected, follow the troubleshooting procedures outlined in this bulletin. These updates will be incorporated into the Service Manual in a future revision.

SERVICE PROCEDURE / INFORMATION:

DTC	MODEL	PAGES
C1956	2024MY and newer CROSSTREK SHEV ONLY 2025MY and newer FORESTER SHEV ONLY	2-4
	2015-2019MY LEGACY/OUTBACK, 2015-2021MY WRX, 2017-2023MY IMPREZA, 2018-2023MY XV/CROSSTREK, 2019-2022MY ASCENT	5-7
	2022MY and newer WRX 2024MY and newer IMPREZA/CROSSTREK, 2025MY and newer FORESTER including Wilderness 2023MY and newer ASCENT	8-10

CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.

Subaru of America, Inc. is ISO 14001 Compliant

ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

Continued...

C1957	2024MY and newer CROSSTREK SHEV ONLY 2025MY and newer FORESTER SHEV ONLY	11-13
	2015-2019MY LEGACY/OUTBACK, 2015-2021MY WRX, 2017-2023MY IMPREZA, 2018-2023MY XV/CROSSTREK, 2019-2022MY ASCENT	14-16
	2022MY and newer WRX 2024MY and newer IMPREZA/CROSSTREK, 2025MY and newer FORESTER including Wilderness 2023MY and newer ASCENT	17-20

The additional information that was added has been highlighted in **green**.

DTC C1956 RH ACTUATOR CIRCUIT

Applicability: 2024MY and newer CROSSTREK SHEV ONLY
2025MY and newer FORESTER SHEV ONLY

1	BASIC INSPECTION	
	Work	Before performing troubleshooting, perform a basic inspection. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>General Description>INSPECTION</u> Note: • Check the battery and its installation condition. • Check the related fuse. Refer to <u>WIRING SYSTEM>Vehicle Dynamics Control System>WIRING DIAGRAM</u> • Visually check that the related connectors are properly connected. Also, check the related ground terminal for looseness and corrosion.
	Check	Is the check result OK?
	Yes	Go to 2.
	No	Repair the defective part. After the repair, go to 9.

2	CHECK DTC.	
	Work	1. Turn the ignition switch to ON. 2. Using the Subaru Select Monitor, read DTCs of the BRAKE system.
	Check	Is the DTC other than C1956?
	Yes	Perform the diagnosis according to DTC displayed.
	No	Go to 3

Continued...

3	CHECK FFD.	
	Work	Using the Subaru Select Monitor, read the detail codes of the DTS C1956.
	Check	The detail codes are C019 and C01A (A) The detail codes are other than C019 and C01A ... (B)
	A	Go to 4.
	B	Go to 5.

4	CHECK REAR BRAKE CALIPER.	
	Work	1. Remove parking brake actuator ASSY RH from rear brake caliper RH. 2. Check the followings: - Check if the brake fluid is leaking. - Check if the leaked brake fluid is entering to the inside of parking brake actuator ASSY RH
	Check	Is the check result OK?
	Yes	Replace parking brake actuator ASSY RH. After the replacement, go to 9.
	No	Replace parking brake actuator ASSY RH and rear brake caliper RH. After the replacement, go to 9.

5	CHECK HARNESS (OPEN CIRCUIT).	
	Work	1. Turn the ignition switch to OFF. 2. Disconnect the connectors from the VDCCM&H/U and rear brake caliper RH. 3. Measure the resistance between the VDCCM&H/U and rear brake caliper RH connector. Connector & terminal (B66) No. 5 — (L141) No. 2 : (B66) No. 6 — (L141) No. 1 :
	Check	Is the resistance lower than 1 Ω?
	Yes	Go to 6.
	No	Repair the harness and connector between the VDCCM&H/U and rear brake caliper RH connector.

Continued...

6	CHECK HARNESS (SHORT TO GROUND).	
	Work	Measure the resistance between the rear brake caliper RH connector and chassis ground. Connector & terminal (L141) No. 1 — Chassis ground: (L141) No. 2 — Chassis ground:
	Check	Is the resistance 1 MΩ or higher?
	Yes	Go to 7.
	No	Repair the short to ground in the harness between the VDCCM&H/U and rear brake caliper RH connector.

7	CHECK HARNESS (SHORT TO POWER SUPPLY).	
	Work	1. Turn the ignition switch to ON. 2. Measure the voltage between the rear brake caliper RH connector and chassis ground. Connector & terminal (L141) No. 1 (+) — Chassis ground (-): (L141) No. 2 (+) — Chassis ground (-):
	Check	Is the voltage less than 1 V?
	Yes	Go to 8.
	No	Repair the short to the power supply in the harness between the VDCCM&H/U and rear brake caliper RH connector.

8	CHECK FOR POOR CONTACT OF CONNECTORS.	
	Work	Check for poor contact of the connectors.
	Check	Is there poor contact in the power supply circuit, ground circuit or VDCCM&H/U connectors?
	Yes	Repair the connector.
	No	Replace the VDCCM&H/U. After the repair, go to 9.

9	CHECK REPAIR.	
	Work	1. Perform the inspection mode. Refer to <u>BRAKE CONTROL (DIAGNOSTICS) (SHEV)>Inspection Mode>PROCEDURE</u> 2. Confirm that no DTC or cancel code is stored and that the malfunction has been resolved.
	Check	Is the check result OK?
	Yes	Finish troubleshooting.
	No	Perform troubleshooting according to the basic diagnostic procedure. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)(SHEV)>Basic Diagnostic Procedure>PROCEDURE</u>

Continued...

DTC C1956 RH ACTUATOR CIRCUIT

Applicability: 2015-2019MY LEGACY/OUTBACK,
2015-2021MY WRX,
2017-2023MY IMPREZA,
2018-2023MY XV/CROSSTREK,
2019-2022MY ASCENT

1	BASIC INSPECTION	
	Work	Before performing troubleshooting, perform a basic inspection. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>General Description>INSPECTION</u> Note: • Check the battery and its installation condition. • Check the related fuse. Refer to <u>WIRING SYSTEM>Vehicle Dynamics Control System>WIRING DIAGRAM</u> • Visually check that the related connectors are properly connected. Also, check the related ground terminal for looseness and corrosion.
	Check	Is the check result OK?
	Yes	Go to 2.
	No	Repair the defective part. After the repair, go to 9.

2	CHECK DTC.	
	Work	3. Turn the ignition switch to ON. 4. Using the Subaru Select Monitor, read DTCs of the BRAKE system.
	Check	Is the DTC other than C1956?
	Yes	Perform the diagnosis according to DTC displayed.
	No	Go to 3

3	CHECK FFD.	
	Work	Using the Subaru Select Monitor, read the detail codes of the DTS C1956.
	Check	The detail codes are D016 and D018 (A) The detail codes are other than D016 and D018 ... (B)
	A	Go to 4.
	B	Go to 5.

Continued...

4	CHECK REAR BRAKE CALIPER.	
	Work	1. Remove parking brake actuator ASSY RH from rear brake caliper RH. 2. Check the followings: - Check if the brake fluid is leaking. - Check if the leaked brake fluid is entering to the inside of parking brake actuator ASSY RH
	Check	Is the check result OK?
	Yes	Replace parking brake actuator ASSY RH. After the replacement, go to 9.
	No	Replace parking brake actuator ASSY RH and rear brake caliper RH. After the replacement, go to 9.

5	CHECK HARNESS (OPEN CIRCUIT).	
	Work	1. Turn the ignition switch to OFF. 2. Disconnect the connectors from the VDCCM&H/U and rear brake caliper RH. 3. Measure the resistance between the VDCCM&H/U and rear brake caliper RH connector. Connector & terminal (B310) No. 2 — (R153) No. 2: (B310) No. 3 — (R153) No. 1:
	Check	Is the resistance lower than 1 Ω?
	Yes	Go to 6.
	No	Repair the harness and connector between the VDCCM&H/U and rear brake caliper RH connector.

6	CHECK HARNESS (SHORT TO GROUND).	
	Work	Measure the resistance between the rear brake caliper RH connector and chassis ground. Connector & terminal (R153) No. 1 — Chassis ground: (R153) No. 2 — Chassis ground:
	Check	Is the resistance 1 MΩ or higher?
	Yes	Go to 7.
	No	Repair the short to ground in the harness between the VDCCM&H/U and rear brake caliper RH connector.

Continued...

7	CHECK HARNESS (SHORT TO POWER SUPPLY).	
	Work	1. Turn the ignition switch to ON. 2. Measure the voltage between the rear brake caliper RH connector and chassis ground. Connector & terminal (R153) No. 1 (+) — Chassis ground (-): (R153) No. 2 (+) — Chassis ground (-):
	Check	Is the voltage less than 1 V?
	Yes	Go to 8.
	No	Repair the short to the power supply in the harness between the VDCCM&H/U and rear brake caliper RH connector.

8	CHECK FOR POOR CONTACT OF CONNECTORS.	
	Work	Check for poor contact of the connectors.
	Check	Is there poor contact in the power supply circuit, ground circuit or VDCCM&H/U connectors?
	Yes	Repair the connector.
	No	Replace the VDCCM&H/U. After the repair, go to 9.

9	CHECK REPAIR.	
	Work	1. Perform the inspection mode. Refer to <u>BRAKE CONTROL (DIAGNOSTICS) (SHEV)>Inspection Mode>PROCEDURE</u> 2. Confirm that no DTC or cancel code is stored and that the malfunction has been resolved.
	Check	Is the check result OK?
	Yes	Finish troubleshooting.
	No	Perform troubleshooting according to the basic diagnostic procedure. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)(SHEV)>Basic Diagnostic Procedure>PROCEDURE</u>

Continued...

DTC C1956 RH ACTUATOR CIRCUIT

Applicability: 2020MY and newer LEGACY/OUTBACK,
2022MY and newer WRX
2024MY and newer IMPREZA/CROSSTREK,
2025MY and newer FORESTER including Wilderness
2023MY and newer ASCENT

1	BASIC INSPECTION	
	Work	Before performing troubleshooting, perform a basic inspection. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>General Description>INSPECTION</u> Note: • Check the battery and its installation condition. • Check the related fuse. Refer to <u>WIRING SYSTEM>Vehicle Dynamics Control System>WIRING DIAGRAM</u> • Visually check that the related connectors are properly connected. Also, check the related ground terminal for looseness and corrosion.
	Check	Is the check result OK?
	Yes	Go to 2.
	No	Repair the defective part. After the repair, go to 9.

2	CHECK DTC.	
	Work	1. Turn the ignition switch to ON. 2. Using the Subaru Select Monitor, read DTCs of the BRAKE system.
	Check	Is the DTC other than C1956?
	Yes	Perform the diagnosis according to DTC displayed.
	No	Go to 3

3	CHECK FFD.	
	Work	Using the Subaru Select Monitor, read the detail codes of the DTS C1956.
	Check	The detail codes are 16E1 and 16E3 (A) The detail codes are other than 16E1 and 16E3 ... (B)
	A	Go to 4.
	B	Go to 5.

Continued...

4	CHECK REAR BRAKE CALIPER.	
	Work	1. Remove parking brake actuator ASSY RH from rear brake caliper RH. 2. Check the followings: - Check if the brake fluid is leaking. - Check if the leaked brake fluid is entering to the inside of parking brake actuator ASSY RH
	Check	Is the check result OK?
	Yes	Replace parking brake actuator ASSY RH. After the replacement, go to 9.
	No	Replace parking brake actuator ASSY RH and rear brake caliper RH. After the replacement, go to 9.

5	CHECK HARNESS (OPEN CIRCUIT).	
	Work	1. Turn the ignition switch to OFF. 2. Disconnect the connectors from the VDCCM&H/U and rear brake caliper RH. 3. Measure the resistance between the VDCCM&H/U and rear brake caliper RH connector. Connector & terminal (B66) No. 2 — (L141) No. 2 : (B66) No. 3 — (L141) No. 1 :
	Check	Is the resistance lower than 1 Ω?
	Yes	Go to 6.
	No	Repair the harness and connector between the VDCCM&H/U and rear brake caliper RH connector.

6	CHECK HARNESS (SHORT TO GROUND).	
	Work	Measure the resistance between the rear brake caliper RH connector and chassis ground. Connector & terminal (L141) No. 1 — Chassis ground: (L141) No. 2 — Chassis ground:
	Check	Is the resistance 1 MΩ or higher?
	Yes	Go to 7.
	No	Repair the short to ground in the harness between the VDCCM&H/U and rear brake caliper RH connector.

Continued...

7	CHECK HARNESS (SHORT TO POWER SUPPLY).	
	Work	1. Turn the ignition switch to ON. 2. Measure the voltage between the rear brake caliper RH connector and chassis ground. Connector & terminal (L141) No. 1 (+) — Chassis ground (—): (L141) No. 2 (+) — Chassis ground (—):
	Check	Is the voltage less than 1 V?
	Yes	Go to 8.
	No	Repair the short to the power supply in the harness between the VDCCM&H/U and rear brake caliper RH connector.

8	CHECK FOR POOR CONTACT OF CONNECTORS.	
	Work	Check for poor contact of the connectors.
	Check	Is there poor contact in the power supply circuit, ground circuit or VDCCM&H/U connectors?
	Yes	Repair the connector.
	No	Replace the VDCCM&H/U. After the repair, go to 9.

9	CHECK REPAIR.	
	Work	1. Perform the inspection mode. Refer to <u>BRAKE CONTROL (DIAGNOSTICS) (SHEV)>Inspection Mode>PROCEDURE</u> 2. Confirm that no DTC or cancel code is stored and that the malfunction has been resolved.
	Check	Is the check result OK?
	Yes	Finish troubleshooting.
	No	Perform troubleshooting according to the basic diagnostic procedure. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)(SHEV)>Basic Diagnostic Procedure>PROCEDURE</u>

Continued...

DTC C1957 LH ACTUATOR CIRCUIT

Applicability: 2024MY and newer CROSSTREK SHEV ONLY

2025MY and newer FORESTER SHEV ONLY

1	BASIC INSPECTION	
	Work	Before performing troubleshooting, perform a basic inspection. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>General Description>INSPECTION</u> Note: • Check the battery and its installation condition. • Check the related fuse. Refer to <u>WIRING SYSTEM>Vehicle Dynamics Control System>WIRING DIAGRAM</u> • Visually check that the related connectors are properly connected. Also, check the related ground terminal for looseness and corrosion.
	Check	Is the check result OK?
	Yes	Go to 2.
	No	Repair the defective part. After the repair, go to 9.

2	CHECK DTC.	
	Work	1. Turn the ignition switch to ON. 2. Using the Subaru Select Monitor, read DTCs of the BRAKE system.
	Check	Is the DTC other than C1957?
	Yes	Perform the diagnosis according to DTC displayed.
	No	Go to 3

3	CHECK FFD.	
	Work	Using the Subaru Select Monitor, read the detail codes of the DTS C1957.
	Check	The detail codes are C01B and C01C ... (A) The detail codes are other than C01B and C01C ... (B)
	A	Go to 4.
	B	Go to 5.

Continued...

CHECK REAR BRAKE CALIPER.		
4	Work	1. Remove parking brake actuator ASSY LH from rear brake caliper LH. 2. Check the followings: - Check if the brake fluid is leaking. - Check if the leaked brake fluid is entering to the inside of parking brake actuator ASSY LH.
	Check	Is the check result OK?
	Yes	Replace parking brake actuator ASSY LH. After the replacement, go to 9.
	No	Replace parking brake actuator ASSY LH and rear brake caliper LH. After the replacement, go to 9.

CHECK HARNESS (OPEN CIRCUIT).		
5	Work	1. Turn the ignition switch to OFF. 2. Disconnect the connectors from the VDCCM&H/U and rear brake caliper LH. 3. Measure the resistance between the VDCCM&H/U and rear brake caliper LH connector. Connector & terminal (B66) No. 7 — (L142) No. 2 : (B66) No. 8 — (L142) No. 1 :
	Check	Is the resistance lower than 1 Ω?
	Yes	Go to 6.
	No	Repair the harness and connector between the VDCCM&H/U and rear brake caliper LH connector.

CHECK HARNESS (SHORT TO GROUND).		
6	Work	Measure the resistance between the rear brake caliper LH connector and chassis ground. Connector & terminal (L142) No. 1 — Chassis ground: (L142) No. 2 — Chassis ground:
	Check	Is the resistance 1 MΩ or higher?
	Yes	Go to 7.
	No	Repair the short to ground in the harness between the VDCCM&H/U and rear brake caliper LH connector.

Continued...

7	CHECK HARNESS (SHORT TO POWER SUPPLY).	
	Work	1. Turn the ignition switch to ON. 2. Measure the voltage between the rear brake caliper LH connector and chassis ground. Connector & terminal (L142) No. 1 (+) — Chassis ground (—): (L142) No. 2 (+) — Chassis ground (—):
	Check	Is the voltage less than 1 V?
	Yes	Go to 8.
	No	Repair the short to the power supply in the harness between the VDCCM&H/U and rear brake caliper LH connector.

8	CHECK FOR POOR CONTACT OF CONNECTORS.	
	Work	Check for poor contact of the connectors.
	Check	Is there poor contact in the power supply circuit, ground circuit or VDCCM&H/U connectors?
	Yes	Repair the connector.
	No	Replace the VDCCM&H/U. After the repair, go to 9.

9	CHECK REPAIR.	
	Work	1. Perform the inspection mode. Refer to <u>BRAKE CONTROL (DIAGNOSTICS) (SHEV)>Inspection Mode>PROCEDURE</u> 2. Confirm that no DTC or cancel code is stored and that the malfunction has been resolved.
	Check	Is the check result OK?
	Yes	Finish troubleshooting.
	No	Perform troubleshooting according to the basic diagnostic procedure. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)(SHEV)>Basic Diagnostic Procedure>PROCEDURE</u>

Continued...

DTC C1957 LH ACTUATOR CIRCUIT

Applicability: 2015-2019MY LEGACY/OUTBACK,
2015-2021MY WRX,
2017-2023MY IMPREZA,
2018-2023MY XV/CROSSTREK,
2019-2022MY ASCENT

1	BASIC INSPECTION	
	Work	Before performing troubleshooting, perform a basic inspection. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>General Description>INSPECTION</u> Note: • Check the battery and its installation condition. • Check the related fuse. Refer to <u>WIRING SYSTEM>Vehicle Dynamics Control System>WIRING DIAGRAM</u> • Visually check that the related connectors are properly connected. Also, check the related ground terminal for looseness and corrosion.
	Check	Is the check result OK?
	Yes	Go to 2.
	No	Repair the defective part. After the repair, go to 9.

2	CHECK DTC.	
	Work	1. Turn the ignition switch to ON. 2. Using the Subaru Select Monitor, read DTCs of the BRAKE system.
	Check	Is the DTC other than C1957?
	Yes	Perform the diagnosis according to DTC displayed.
	No	Go to 3

3	CHECK FFD.	
	Work	Using the Subaru Select Monitor, read the detail codes of the DTS C1957.
	Check	The detail codes are D017 and D019 (A) The detail codes are other than D017 and D019 ... (B)
	A	Go to 4.
	B	Go to 5.

Continued...

4	CHECK REAR BRAKE CALIPER.	
	Work	1. Remove parking brake actuator ASSY LH from rear brake caliper LH. 2. Check the followings: - Check if the brake fluid is leaking. - Check if the leaked brake fluid is entering to the inside of parking brake actuator ASSY LH
	Check	Is the check result OK?
	Yes	Replace parking brake actuator ASSY LH. After the replacement, go to 9.
	No	Replace parking brake actuator ASSY LH and rear brake caliper LH. After the replacement, go to 9.

5	CHECK HARNESS (OPEN CIRCUIT).	
	Work	1. Turn the ignition switch to OFF. 2. Disconnect the connectors from the VDCCM&H/U and rear brake caliper LH. 3. Measure the resistance between the VDCCM&H/U and rear brake caliper LH connector. Connector & terminal (B310) No. 12 — (R154) No. 1: (B310) No. 13 — (R154) No. 2:
	Check	Is the resistance lower than 1 Ω?
	Yes	Go to 6.
	No	Repair the harness and connector between the VDCCM&H/U and rear brake caliper LH connector.

6	CHECK HARNESS (SHORT TO GROUND).	
	Work	Measure the resistance between the rear brake caliper LH connector and chassis ground. Connector & terminal (R154) No. 1 — Chassis ground: (R154) No. 2 — Chassis ground:
	Check	Is the resistance 1 MΩ or higher?
	Yes	Go to 7.
	No	Repair the short to ground in the harness between the VDCCM&H/U and rear brake caliper LH connector.

Continued...

7	CHECK HARNESS (SHORT TO POWER SUPPLY).	
	Work	1. Turn the ignition switch to ON. 2. Measure the voltage between the rear brake caliper LH connector and chassis ground. Connector & terminal (R154) No. 1 (+) — Chassis ground (–): (R154) No. 2 (+) — Chassis ground (–):
	Check	Is the voltage less than 1 V?
	Yes	Go to 8.
	No	Repair the short to the power supply in the harness between the VDCCM&H/U and rear brake caliper LH connector.

8	CHECK FOR POOR CONTACT OF CONNECTORS.	
	Work	Check for poor contact of the connectors.
	Check	Is there poor contact in the power supply circuit, ground circuit or VDCCM&H/U connectors?
	Yes	Repair the connector.
	No	Replace the VDCCM&H/U. After the repair, go to 9.

9	CHECK REPAIR.	
	Work	1. Perform the inspection mode. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>Inspection Mode>PROCEDURE</u> 2. Confirm that no DTC or cancel code is stored and that the malfunction has been resolved.
	Check	Is the check result OK?
	Yes	Finish troubleshooting.
	No	Perform troubleshooting according to the basic diagnostic procedure. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>Basic Diagnostic Procedure>PROCEDURE</u>

Continued...

DTC C1957 LH ACTUATOR CIRCUIT

Applicability: 2020MY and newer LEGACY/OUTBACK,
2022MY and newer WRX
2024MY and newer IMPREZA/CROSSTREK,
2025MY and newer FORESTER including Wilderness
2023MY and newer ASCENT

1	BASIC INSPECTION	
	Work	Before performing troubleshooting, perform a basic inspection. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>General Description>INSPECTION</u> Note: • Check the battery and its installation condition. • Check the related fuse. Refer to <u>WIRING SYSTEM>Vehicle Dynamics Control System>WIRING DIAGRAM</u> • Visually check that the related connectors are properly connected. Also, check the related ground terminal for looseness and corrosion.
	Check	Is the check result OK?
	Yes	Go to 2.
	No	Repair the defective part. After the repair, go to 9.

2	CHECK DTC.	
	Work	1. Turn the ignition switch to ON. 2. Using the Subaru Select Monitor, read DTCs of the BRAKE system.
	Check	Is the DTC other than C1957?
	Yes	Perform the diagnosis according to DTC displayed.
	No	Go to 3

3	CHECK FFD.	
	Work	Using the Subaru Select Monitor, read the detail codes of the DTS C1957.
	Check	The detail codes are 16E2 and 1CFD (A) The detail codes are other than 16E2 and 1CFD ... (B)
	A	Go to 4.
	B	Go to 5.

4	CHECK REAR BRAKE CALIPER.	
	Work	1. Remove parking brake actuator ASSY LH from rear brake caliper LH. 2. Check the followings: - Check if the brake fluid is leaking. - Check if the leaked brake fluid is entering to the inside of parking brake actuator ASSY LH
	Check	Is the check result OK?
	Yes	Replace parking brake actuator ASSY LH. After the replacement, go to 9.
	No	Replace parking brake actuator ASSY LH and rear brake caliper LH. After the replacement, go to 9.

Continued...

5	CHECK HARNESS (OPEN CIRCUIT).	
	Work	1. Turn the ignition switch to OFF. 2. Disconnect the connectors from the VDCCM&H/U and rear brake caliper LH. 3. Measure the resistance between the VDCCM&H/U and rear brake caliper LH connector. Connector & terminal (B66) No. 13 — (L142) No. 2: (B66) No. 12 — (L142) No. 1:
	Check	Is the resistance lower than 1 Ω?
	Yes	Go to 6.
	No	Repair the harness and connector between the VDCCM&H/U and rear brake caliper LH connector.

6	CHECK HARNESS (SHORT TO GROUND).	
	Work	Measure the resistance between the rear brake caliper LH connector and chassis ground. Connector & terminal (L142) No. 1 — Chassis ground: (L142) No. 2 — Chassis ground:
	Check	Is the resistance 1 MΩ or higher?
	Yes	Go to 7.
	No	Repair the short to ground in the harness between the VDCCM&H/U and rear brake caliper LH connector.

7	CHECK HARNESS (SHORT TO POWER SUPPLY).	
	Work	1. Turn the ignition switch to ON. 2. Measure the voltage between the rear brake caliper LH connector and chassis ground. Connector & terminal (L142) No. 1 (+) — Chassis ground (-): (L142) No. 2 (+) — Chassis ground (-):
	Check	Is the voltage less than 1 V?
	Yes	Go to 8.
	No	Repair the short to the power supply in the harness between the VDCCM&H/U and rear brake caliper LH connector.

8	CHECK FOR POOR CONTACT OF CONNECTORS.	
	Work	Check for poor contact of the connectors.
	Check	Is there poor contact in the power supply circuit, ground circuit or VDCCM&H/U connectors?
	Yes	Repair the connector.
	No	Replace the VDCCM&H/U. After the repair, go to 9.

9	CHECK REPAIR.	
	Work	1. Perform the inspection mode. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>Inspection Mode>PROCEDURE</u> 2. Confirm that no DTC or cancel code is stored and that the malfunction has been resolved.
	Check	Is the check result OK?
	Yes	Finish troubleshooting.
	No	Perform troubleshooting according to the basic diagnostic procedure. Refer to <u>BRAKE CONTROL (DIAGNOSTICS)>Basic Diagnostic Procedure>PROCEDURE</u>

IMPORTANT REMINDERS:

- SOA strongly discourages the printing and/or local storage of service information as previously released information and electronic publications may be updated at any time.
- Always check for any open recalls or campaigns anytime a vehicle is in for servicing.
- Always refer to STIS for the latest service information before performing any repairs.