

ATTENTION:

GENERAL MANAGER ☐

PARTS MANAGER ☐

CLAIMS PERSONNEL ☐

SERVICE MANAGER ☐

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

© 2025 Subaru of America, Inc. All rights reserved.



SUBARU

QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: 2023-25MY Legacy & Outback
2023-24MY WRX
2023-25MY Ascent
2024-25MY Impreza & Crosstrek
2025MY Forester

NUMBER: 06-96-25

DATE: 08/11/25

SUBJECT: Reprogramming Files for DTC C1411

INTRODUCTION:

This bulletin announces the availability of reprogramming files for the HYDRAULIC UNIT ASSEMBLY(VDC). This logic was developed to address the following Diagnostic Trouble Code (DTC): C1411 ELECTRICAL CONTROL MODULE. If DTC C1411 is detected with a 30A2 failure detail code by the VDC perform the reprogramming procedure outlined in this bulletin.

PRODUCTION CHANGE INFORMATION:

The reprogramming files have been incorporated into vehicle production as per the table below.

Model	Starting VIN
Legacy	S3011440
Outback	TBD
Impreza & Crosstrek	S3700010
WRX	S8800634
Ascent	TBD
Forester	SH536548

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...

PFC FILE INFROMATION:

MY	Model	File Description	Old Part #	Old CID #	New CID #
23	Legacy & Outback	27596AN02B.pfc	27596AN02A	A120231000	A120231001
				A120231100	A120231101
				A120231200	A120231201
				A120231300	A120231301
				A120231400	A120231401
				A120231500	A120231501
				A120231600	A120231601
				A120231700	A120231701
	WRX	27596VC011.pfc	27596VC010	A420220801	A420220802
				A420220901	A420220902
				A420221001	A420221002
				A420221101	A420221102
				A420221701	A420221702
				A420221801	A420221802
				A420221901	A420221902
				A420223101	A420223102
				A420223301	A420223302
				A420223601	A420223602
				A420223701	A420223702
		27596VC031.pfc	27596VC030	A420222600	A420222601
				A420222700	A420222701
				A420222800	A420222801
				A420222900	A420222901
				A420223200	A420223201
	Ascent	27596XC02B.pfc	27596XC02A	A520230300	A520230301
24	WRX	27536VC051.pfc	27596VC050	A420241700	A420241701
				A420243100	A420243101
				A420241800	A420241801
				A420243600	A420243601
				A420241900	A420241901
				A420243300	A420243301
				A420243700	A420243701
				A420240100	A420240101
				A420240200	A420240201
				A420240300	A420240301
				A420240800	A420240801
				A420241000	A420241001
				A420243800	A420243801
				A420243900	A420243901
				A420240900	A420240901
				A420241100	A420241101
				A420244000	A420244001
				A420244800	A420244801

Continued...

MY	Model	File Description	Old Part #	Old CID #	New CID #
24	WRX	27596VC071.pfc	27596VC070	A420244100	A420244101
				A420244200	A420244201
				A420244300	A420244301
				A420244400	A420244401
				A420244500	A420244501
				A420244600	A420244601
				A420244700	A420244701
	Impreza & Crosstrek	27596FN003.pfc	27596FN002	A220241405	A220241406
				A220241605	A220241606
			27596FN001	A220241404	A220241406
				A220241604	A220241606
			27596FN000	A220241403	A220241406
				A220241603	A220241606
		PRJ_CodeBlock_BB509 39_CH2iBwEyeCSWFin RELEASE_S_Enc.pfc	27596FN032	A220240304	A220240305
				A220240604	A220240605
			27596FN031	A220240303	A220240305
				A220240603	A220240605
			27596FN030	A220240302	A220240305
				A220240602	A220240605
		27536FN01C.pfc	27596FN01B	A120220901	A120220902
			27596FN01A	A120220900	
	Forester	27536SL002.pfc	27596SL001	A320250101	A320250102
				A320250201	A320250202
				A320250701	A320250702
				A320250801	A320250802
				A320250901	A320250902
	Ascent	27536XC03B.pfc	27596XC03A	A520250300	A520250301
25	Legacy & Outback	27596AN03B.pfc	27596AN03A	A120241000	A120241001
				A120241100	A120241101
				A120241200	A120241201
				A120241300	A120241301
				A120241400	A120241401
				A120241500	A120241501
				A120241600	A120241601
				A120241700	A120241701

Continued...

SERVICE PROCEDURE / INFORMATION:

REMINDER: Customer satisfaction and retention starts with performing quality repairs.

STEP 1: Using the Subaru Select Monitor, confirm the fault condition is applicable to this bulletin by verifying DTC C1411 is detected by the VDC and failure detail code 30A2 is stored within the FFD. If the Failure Detail Code differs from code 30A2, diagnose and repair the vehicle as per the applicable Service Manual.

Status	Code	Description/ Failure part	Time Stamp		Occurrence Date	FFD
Current	C1411	BRAKE ECU	xxx	xxx	2024/10/1	
DTC C1411 is recorded.						Click 
Failure Detail Code						30A2

STEP 2: Reprogram the VDC following the normal SSM5-R procedures.

- For vehicles with PFC files availability Reprogram the VDC Control Module following the normal SSM5-R procedure.
- Detailed information regarding the SSM5-R reprogramming procedures can be found in TSB **14-28-21R**.

Subaru of America, Inc. (SOA) highly recommends utilizing either the Subaru Midtronics DCA-8000 Dynamic Diagnostic Charging System or the Subaru Midtronics GR8-1100 Diagnostic Battery Charger to the vehicle and utilizing the Power Supply Mode feature anytime a vehicle control module is being reprogrammed. Once the Midtronics charger is connected to the vehicle, if the battery is fully charged, it takes less than three (3) minutes to boot-up the charger, select the Power Supply Mode, and have the battery voltage stabilized and ready for reprogramming.

NOTES:

- For instructions on using the Power Supply Mode, reference the applicable User Manual for the Midtronics DCA-8000 Dynamic Diagnostic Charging System and the Midtronics GR8-1100 Diagnostic Battery Charger on STIS
- Confirm all electrical loads such as lights, audio, HVAC, seat heaters, and rear defroster are all switched OFF before setting up the charger for Power Supply Mode.
- Select the correct battery type (Enhanced Flooded, Flooded, Gel, AGM or AGM Spiral).
- Input the CCA which matches the vehicle's battery. **NOTE:** OE and replacement batteries have different CCA ratings. Always confirm the battery's CCA rating before proceeding.
- If using a DCA-8000 Dynamic Diagnostic Charging System, set the power supply voltage to 13.5 Volts.
- DO NOT connect the DST-i or DST-010 until the Power Supply mode function has completed its battery test mode and the Charging Voltage has dropped to and shows a steady 13.5 Volts on the display.
- Once Power Supply Mode reaches a steady 13.5 Volts, connect the DST-i or DST-010 to the OBD connector and proceed with initiating the normal SSM5-R reprogramming process.
- Amperage will fluctuate based upon the vehicle's demand for power. **NOTE:** If the voltage rises beyond 14 Volts while programming is in process, the procedure will abort. This can indicate a need to test or charge the vehicle battery before any further attempt at programming is made.
- ALWAYS set the power supply voltage to 13.5 Volts when using Power Supply Mode. NEVER turn the ignition switch on when charging at voltages 15 Volts or higher.

Continued...

REMINDER: If the DCA-8000 or GR8-1100 indicates the vehicle's battery must be charged, charge the battery fully before proceeding to reprogram the vehicle while using the Power Supply Mode.

NOTE: Control module failures resulting from battery discharge during reprogramming are not a matter for warranty. Should any DTCs reset after the reprogramming update is performed, diagnose per the procedure outlined in the applicable Service Manual.

WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited, an applicable Emission Warranty period or covered by an active Subaru Added Security Classic or Gold plan, this repair may be submitted using the following claim information:

Labor Description	Labor Operation #	Labor Time	Fail Code
VDC REPROGRAMMING	A567-386	.5h	FCR-48

IMPORTANT: Always note the original Calibration Identification number (CID) / ROMID the vehicle came in with on the repair order **before** reprogramming and, make sure to list the **NEW** CID / ROMID for any newly installed programming (as confirmed from the actual control module **AFTER** installation). The **NEW** CID / ROMID **MUST** also be noted on the repair order as this information is required for entry in the Claim Specific Detail field during claim submission. These numbers can be read using SSM5-R.

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.