

ATTENTION:

GENERAL MANAGER ☐

PARTS MANAGER ☐

CLAIMS PERSONNEL ☐

SERVICE MANAGER ☐

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

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QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: 2017-23MY Impreza
2018-23MY Crosstrek
2019-24MY Forester
2022-24MY WRX
2019-24MY Ascent

NUMBER: 11-205-25

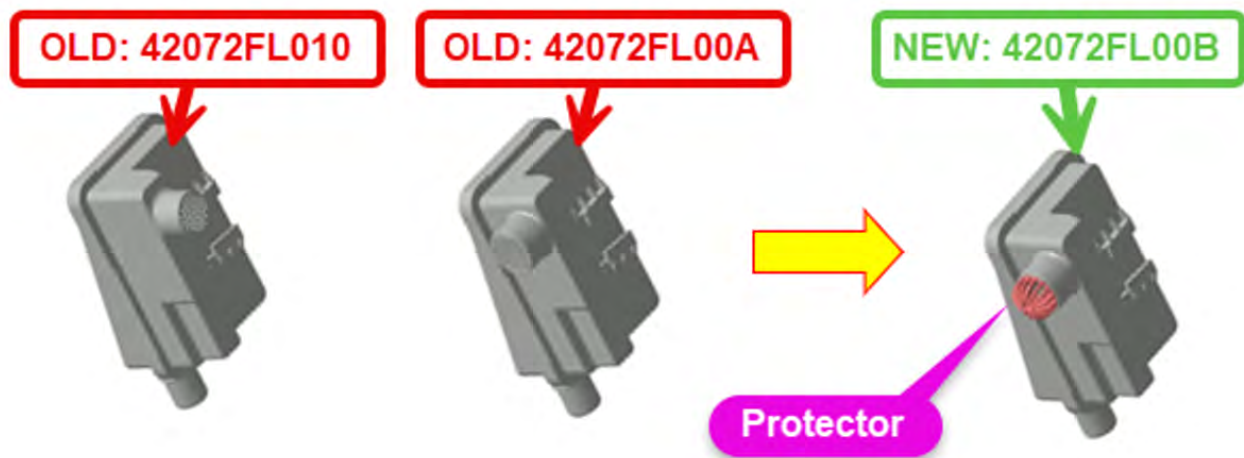
DATE: 01/16/25

SUBJECT: DTC P1449 EVAP System Clog Detected / Repair Procedure

INTRODUCTION:

This bulletin announces the repair procedures to be followed when DTC P1449 (EVAP System Clog Detected) is detected by the Engine Control Module (ECM). New drain filter assemblies have been developed with an added protector to prevent debris build up. For some models, reprogramming and an additional mud guard will require replacement along with the drain filter. If DTC P1449 is found to be detected by the ECM, follow the service procedure outlined in this bulletin.

DRAIN FILTER / DESCRIPTION OF DESIGN CHANGE:



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

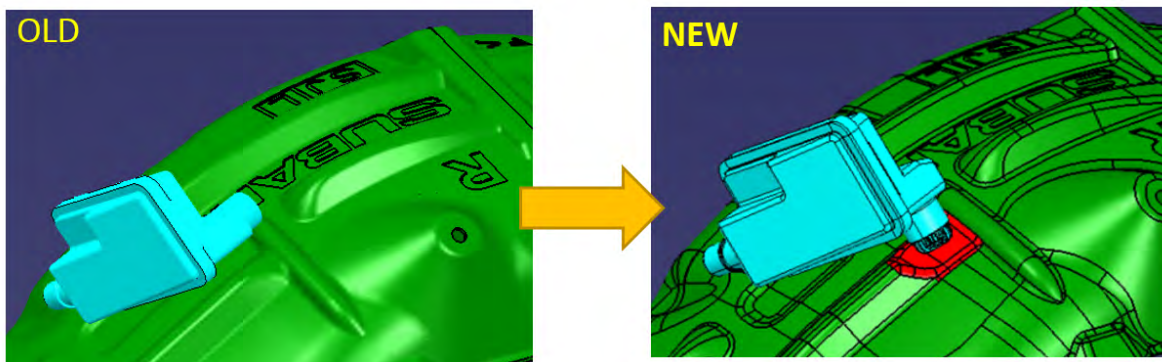
ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

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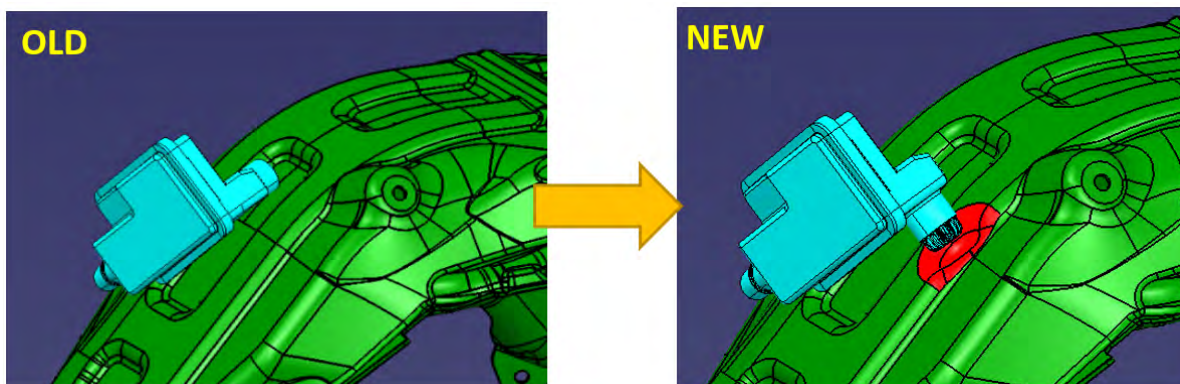
MUD GUARD / DESCRIPTION OF DESIGN CHANGE:

IMPORTANT: Mud guard replacement is **ONLY** required on Forester and WRX models.

FORESTER



WRX



PRODUCTION CHANGE INFORMATION:

The new drain filters, applicable mud guards, and software files have been incorporated into vehicle production as per the table below.

Model	Starting VIN
FORESTER	RH493993
WRX	R9800763
ASCENT	TBD
IMPREZA	TBD
CROSSTREK	TBD

PART INFORMATION:

REMINDER: Always order the most up-to-date replacement parts based on the specific VIN being repaired.

Models	Part Description	Part Number
ALL MODELS	DRAIN COMPLET-FILTER	42072FL00B
FORESTER	MUD GUARD, REAR RIGHT	59122SJ001*
WRX	MUD GUARD, REAR RIGHT	59122VC021*

***NOTE:** ONLY require replacement on specified models.

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2019-2024 FORESTER PAK FILE AVAILABILITY:

MY	Model	Specification	File Description	Old Part Number	Decryption Keyword	New CID
2019	FORESTER	2.5L NA CVT	22765AL827.pak	22765AL820 22765AL821 22765AL822 22765AL823 22765AL824 22765AL825 22765AL826	A44B186E	XE1FB00A
2020	FORESTER	2.5L NA CVT	22765AN466.pak	22765AN460 22765AN461 22765AN462 22765AN463 22765AN464 22765AN465	585CB1E4	XE1M700a00G
2021	FORESTER	2.5L NA CVT	22765AR675.pak	22765AR670 22765AR671 22765AR672 22765AR673 22765AR674	67CEE2A	XE1P800a00G
2022	FORESTER	2.5L NA CVT	22765AR604.pak	22765AR600 22765AR601 22765AR602 22765AR603	E1A8EC6C	XE1R600k00G
2022	FORESTER	2.5L NA CVT	22765AR554.pak	22765AR550 22765AR551 22765AR552 22765AR553	B4E98F7C	XE1R600a00G
2022	FORESTER	2.5L NA CVT	22765AR614.pak	22765AR610 22765AR611 22765AR612 22765AR613	73EC24BE	XE1R600z00G
2023	FORESTER	2.5L NA CVT	22765AS923.pak	22765AS920 22765AS921 22765AS922	8BAB05EA	XE1X020k00G
2023	FORESTER	2.5L NA CVT	22765AS933.pak	22765AS930 22765AS931 22765AS932	AD4C67EE	XE1X020z00G
2023	FORESTER	2.5L NA CVT	22765AV272.pak	22765AV270 22765AV271	3B0220F6	XE1X020p00G
2023	FORESTER	2.5L NA CVT	22765AV282.pak	22765AV280 22765AV281	69EF98B7	XE1X020s00G
2024	FORESTER	2.5L NA CVT	22765AU211.pak	22765AU210	2EB5F50E	XE1X020q00G
2024	FORESTER	2.5L NA CVT	22765AU221.pak	22765AU220	C3277E3B	XE1X020r00G

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2019-2022 ASCENT PAK FILE AVAILABILITY:

MY	Model	Specification	File Description	Old Part #	Decryption Keyword	New CID
2019	ASCENT	2.4L Turbo	22765AV940.pak	22765AL730 22765AL731 22765AL732 22765AL733 22765AL734 22765AL735 22765AL736 22765AL737 22765AL738 22765AL739	7E1B31E9	LT8DB01A
2020	ASCENT	2.4L Turbo	22765AN507.pak	22765AN500 22765AN501 22765AN502 22765AN503 22765AN504 22765AN505 22765AN506	27DD3A0F	LT8F601C00G
2021	ASCENT	2.4L Turbo	22765AP825.pak	22765AP820 22765AP821 22765AP822 22765AP823 22765AP824	040F5E58	LT8H601D00G
2022	ASCENT	2.4L Turbo	22765AS004.pak	22765AS000 22765AS001 22765AS002 22765AS003	5C146151	LT8J501F00G

2023-2024 ASCENT PFC FILE AVAILABILITY:

MY	Model	Specification	File Description	Old Part #	New CID
2023	ASCENT	2.4L Turbo	22765AS633.pfc	22765AS630 22765AS631 22765AS632	LHBK301Y00G
2024	ASCENT	2.4L Turbo	22765AU261.pfc	22765AU260	LHBP201A00G

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SERVICE PROCEDURE / INFORMATION:

Model	Replace Drain Filter	Replace Mud Guard	ECM Reprogramming
FORESTER	✓	✓	✓
IMPREZA/CROSSTREK	✓		
WRX	✓	✓	
ASCENT	✓		✓

IMPREZA & CROSSTREK MODELS:

STEP 1: Replace the drain filter as per the applicable Service Manual. Refer to STIS: Engine > EMISSIONCONTROL (AUX. EMISSION CONTRL DEVICES) > Drain Filter

WRX MODELS:

STEP 1: Replace the drain filter and right rear mud guard as per the applicable Service Manual. Refer to STIS: Engine > EMISSIONCONTROL (AUX. EMISSION CONTRL DEVICES) > Drain Filter

FORESTER MODELS:

STEP 1: Replace the drain filter and right rear mud guard as per the applicable Service Manual. Refer to STIS: Engine > EMISSIONCONTROL (AUX. EMISSION CONTRL DEVICES) > Drain Filter

STEP 2: Review the battery charging information supplied in **APPENDIX A**. Reprogram the ECM following the normal FlashWrite procedure.

2019-2022 ASCENT MODELS:

STEP 1: Replace the drain filter as per the applicable Service Manual. Refer to STIS: Engine > EMISSIONCONTROL (AUX. EMISSION CONTRL DEVICES) > Drain Filter

STEP 2: Review the battery charging information supplied in **APPENDIX A**. Reprogram the ECM following the normal FlashWrite procedure.

2023-2024 ASCENT MODELS:

STEP 1: Replace the drain filter as per the applicable Service Manual. Refer to STIS: Engine > EMISSIONCONTROL (AUX. EMISSION CONTRL DEVICES) > Drain Filter

STEP 2: Review the battery charging information supplied in **APPENDIX A**. Reprogram the ECM following the normal SSM5-R procedure.

NOTE: Detailed information regarding the SSM5-R reprogramming procedures can be found in TSB **14-28-21R**.

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WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited Warranty period, 3-year/50,000 mile California Emissions Warranty or covered by an active Subaru Added Security Gold plan, this repair may be submitted using the following claim information:

Labor Description	Labor Operation #	Labor Time	Fail Code
EVAPORATIVE CANISTER DRAIN FILTER R&R (Includes Diag and ECM Reprogramming)	B468-286	1.3	HDM-22

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 Miscellaneous Detail field during claim submission.

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.

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APPENDIX A

BATTERY CHARGING INFORMATION

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 in 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 will take 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 FlashWrite 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.

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.

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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.

VERY IMPORTANT:

This information is applicable to the Subaru Midtronics DCA-8000 Dynamic Diagnostic Charging System and the Subaru Midtronics GR8-1100 Diagnostic Battery Charger **ONLY**. It does not apply to any other brand / type of “generic” battery charger whatsoever. **ONLY** the DCA-8000 and the GR8-1100 and their Power Supply Mode feature have been tested and approved by SOA.