

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: 2019-23MY Crosstrek PHEV
2026MY Crosstrek SHEV
2025-26MY Forester SHEV

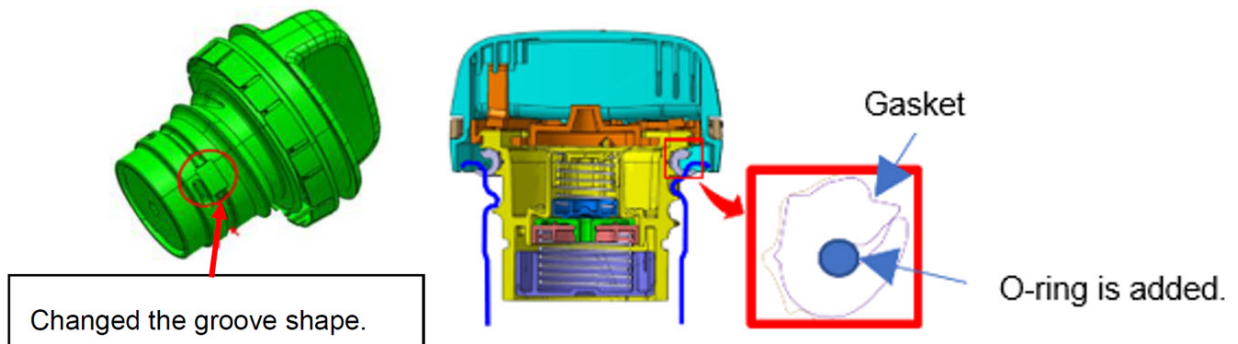
NUMBER: 09-140-26

DATE: 07/13/26

SUBJECT: Fuel Cap / Design Change

INTRODUCTION:

This service bulletin announces a design change to the filler cap thread shape to improve ease of installation of the fuel cap onto the filler neck. Additionally, the fuel cap will now include an o-ring to enhance sealing performance on SHEV vehicles. These design changes have been implemented because improper tightening of the filler cap can cause a check engine light for DTC P04EC and fuel leaks on SHEV vehicles. If P04EC is detected or a fuel leak is found due to improper tightening of the cap follow the procedure outlined below.



PART INFORMATION:

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

Part Description	Model	New Part Number	Design Change	Identification Marks
Filler Cap Assembly	2019-23 Crosstrek PHEV	42031FL070	Thread groove shape	Blue Circle
Filler Cap Assembly	2026 Crosstrek SHEV 2025-26 Forester SHEV	42031SL020	Thread groove shape Additional O-ring	Black Square and Black Circle

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

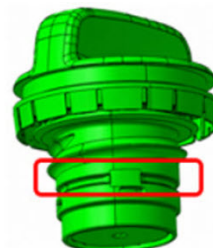
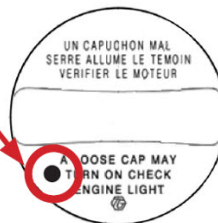
ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

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For PHEV

New Part Number: 42031FL070

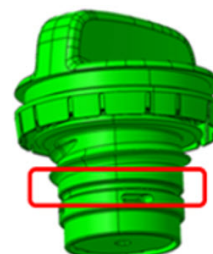
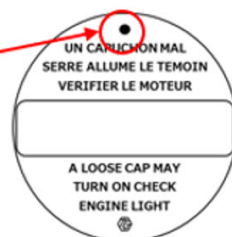
This part number incorporated recess interruption.
(● mark as identification)



For SHEV Vehicles

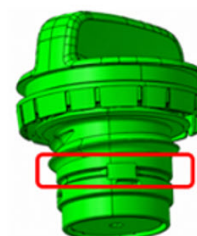
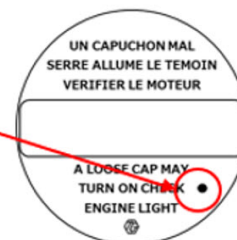
Old Part Number: 42031SL000

A recessed groove extends continuously around the circumference of the cap
(● mark at the 12 O'clock position only as identification)



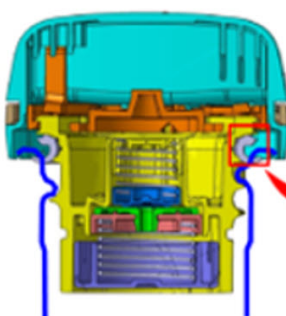
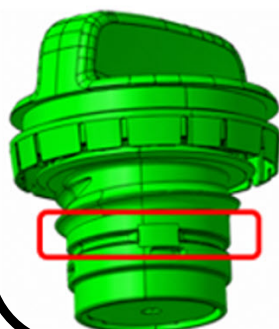
Old Part Number: 42031SL010

This part number incorporated a recessed area interrupted by a 10 mm land, preventing the groove from extending circumference of the cap.
(● mark at the 5 O'clock position only as identification)



New Part Number: 42031SL020

This part number incorporated recess interruption and the gasket/O-ring combination to improve system sealing.
(● mark and ■ mark as identification)



Gasket



O-ring is added.

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SERVICE PROCEDURE / INFORMATION:

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

If DTC P04EC or fuel leak is detected inspect the fuel cap to ensure it is properly tightened. See images below:

Properly tightened.



Improperly tightened.



If the cap is improperly tightened, determine whether it is the updated design by checking for a black circle at the 5:00 position on SHEV vehicles and at the 8:00 position on PHEV vehicles.

If the cap is identified as part number 42031SL000, 42031FL020, or 42031FL021, replace it with the updated version. If the cap is identified as part number 42031FL070 or 42031SL020, properly secure the cap.

To verify the repair, perform Inspection Mode BQ.

DIAGNOSTICS> ENGINE (DIAGNOSTICS)(H4DO(SHEV))> Inspection Mode> INSPECTION
MODE BQ

Caution: The filler cap assembly must only be replaced as a result of diagnostics for a customer concern and is not a suitable repair for WRD-26.

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The service procedures for the filler cap remain unchanged. Always refer to the applicable Service Manual and review the full requirements of the repair being performed. The Service Manual procedures contain information critical to performing an effective repair the first time, every time. This includes but is not limited to important SAFETY precautions, proper inspection criteria, necessary special tools, required processes, and related one-time-use parts needed for a complete and lasting repair.

FUEL INJECTION (FUEL SYSTEMS)(H4DO(SHEV)) > Fuel Filler Cap

WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited, For vehicles registered in CALEV states, California Emissions Defect Warranty coverage applies, covered by an active Subaru Added Security Gold plan, this repair may be submitted using the following claim information (2019-2023 Crosstrek Hybrid vehicles registered in CALEV states, repairs are covered under California Emissions TZEV Warranty):

Warranty Type	Labor Description	Labor Operation #	Labor Time	Fail Code	Dispatch Assignment
WC, SAS	FUEL FILLER CAP R&R	A469186	0.3h	DBF29	SG 08 / SL 02

The Skill Group and Skill Level listed in this bulletin define the qualifications recommended for this work. Repairs should be dispatched to a technician who is trained at the specified level. For more information on Labor Operation Skill Group/Level assignments, [click here to access the Gear Reduction](#). To request a Skill Group/Skill Level change, [fill out this form](#).

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.