

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: 2019-20MY Ascent

NUMBER: 07-177-20

SUBJECT: 120V (Volt) Power Inverter Assembly-
Design Change

DATE: 05/28/20

INTRODUCTION:

This bulletin announces availability of a new 120V inverter assembly. Located inside the center console, the unit is designed to supply 120V of power up to a 100-Watt (W) current load. A new inverter has been developed in response to a limited number of reports describing the overcurrent protection feature triggering at less than the 100W specification. The new unit has improved circuitry to provide reliable 120V of power up to the 100W threshold.

PRODUCTION CHANGE INFORMATION:

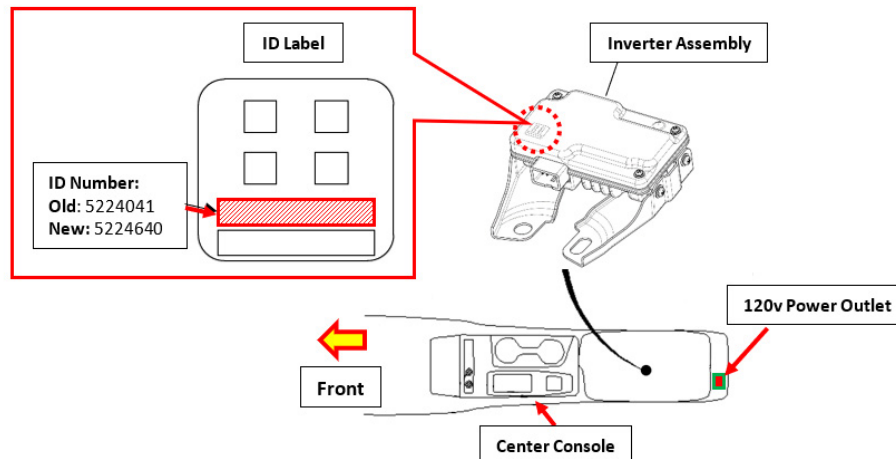
The new inverter was incorporated into production starting with VIN **L3422110**.

PART INFORMATION:

As mentioned earlier, the inverter is located inside the center console, under the storage box area. The new part can be identified by the number **522460** located on the label as shown in the illustration below.

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

Location of Inverter and Part ID Number Label



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.

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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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SERVICE PROCEDURE / INFORMATION:

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

If a concern of the inverter shutting down with less than a 100W current load is confirmed, check the label(s) on the appliances being used where the power requirements are listed. 100 Watts is equal to 0.83 Amperes (A) of electrical current. If the device is at or below the listed current requirements, proceed to access the inverter.

With the electric parking brake set to ON, move both front seats to the full rear position, put the selector in Neutral, and switch the ignition to OFF/ACC. Disconnect the negative battery terminal.

CAREFULLY remove the center console assembly following the procedure in the applicable Service Manual. Always store the removed center console in a safe place to protect it from being damaged.

Using the illustration above as reference, locate the label on the inverter case and confirm the ID number.

- If the ID number is **5224041**, replace the inverter following the procedure in the applicable Service Manual.
- If the new ID number 5224640 inverter is already installed, the appliance(s) being used when the condition occurs should be inspected for possible excessive current draw.

The service procedures for inverter replacement 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 and 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.

WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited Warranty period 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
INVERTER, AC POWER OUTLET R&R	B063-582	0.4	ZQG-43

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.