

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: 4AT, 5AT, 6AT, CVT
SUBJECT: Transmission Cooler Flushing

NUMBER: 16-42-90R
DATE: 08-20-90
REVISED: 07/21/20

INTRODUCTION

The transmission oil cooler must be properly flushed if any of the following circumstances hold true:

- The transmission oil pan contains dirt or internal debris
- There are signs of transmission overheating
- A transmission that has been replaced with a new or remanufactured unit

Contaminants left behind in the oil cooler will cause premature transmission failure. Claims for transmission replacement or repair that fail to perform this procedure are subject to rejection or debit.

SERVICE PROCEDURE

Flushing Procedure

1. Wear eye protection. This procedure has the potential to spray transmission oil and transmission cooler flush. If the vehicle is still hot, allow enough time for the transmission oil to cool before attempting the flushing procedure.
2. Obtain a can of Subaru Transmission Cooler Flush (Part Number SOA868V9255). **Two cans will be required for models that have two transmission oil coolers.**
3. **For models with two transmission oil coolers, complete steps 3-8 for each cooler using one can of Subaru Transmission Cooler Flush for each cooler. Disconnect the cooler lines running from the first cooler to the second cooler so that the coolers are flushed independently. Make sure all of the lines have been flushed.**



NOTE: Use P.N. SOA635303 for claim coding purposes in conjunction with a warranty repair.

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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.

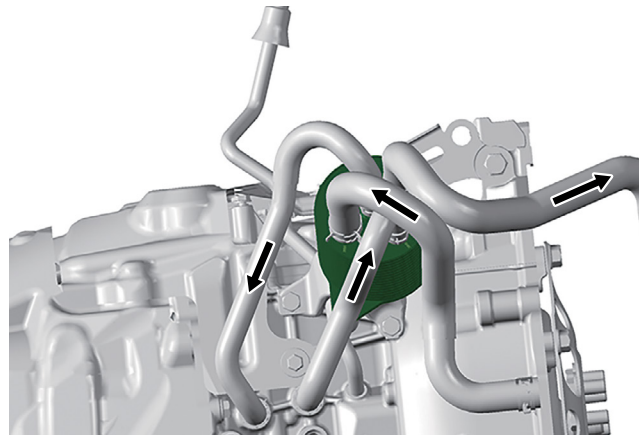
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ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and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

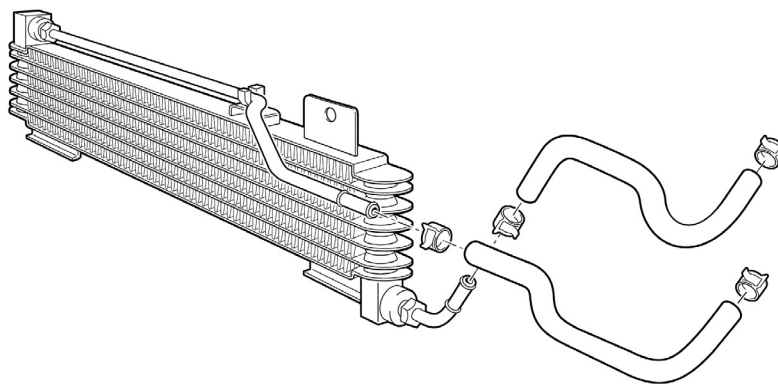
4. Locate the transmission end of the hoses that run to the transmission oil cooler. Securely connect one of the hoses to the bottle of Subaru Transmission Cooler Flush. Securely connect the other hose to another hose that runs to a waste container. An example is shown here.



Examples of vehicles equipped with additional transmission oil coolers:



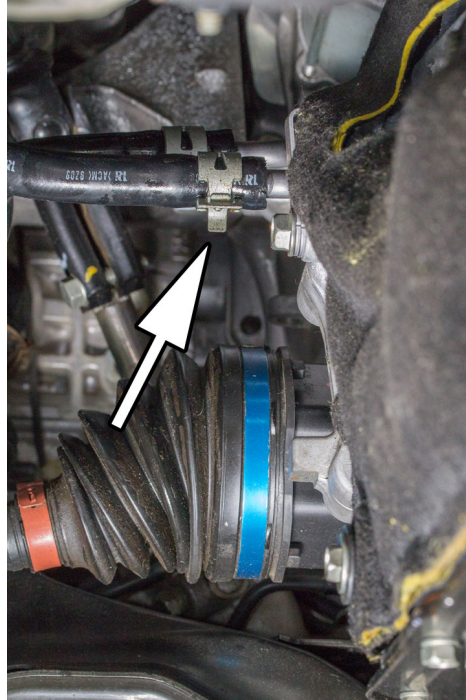
**CVTF cooler (with warmer function)
on vehicles equipped with Auto Start-Stop.**



Tribeca accessory transmission oil cooler.

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5. Hold the can in an upright position and flush. Use the entire contents of the can. Use another can if the fluid exiting the cooler is still not clear and free of debris.
6. Disconnect the can from the vehicle and flush out any residual fluid with compressed air.
7. Disconnect the waste container.
8. Properly connect the transmission oil cooler hoses to the transmission and secure with factory hose clamps as shown below.



9. Dispose of waste transmission fluid. Clean off any surfaces that may have been sprayed with transmission oil or transmission cooler flush.

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.