

**ATTENTION:**

- GENERAL MANAGER
- PARTS MANAGER
- CLAIMS PERSONNEL
- SERVICE MANAGER

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




QUALITY DRIVEN® SERVICE

## SERVICE BULLETIN

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

**NUMBER:** 16-42-90R  
**DATE:** 08-20-90  
**REVISED:** 02/11/14

### 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 failed transmission has been replaced with a new or remanufactured unit

Contaminants left behind in the oil cooler can cause premature transmission failure and denied warranty claims.

### 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. For newer vehicles, the most recent version of this product must be used. This went into production in January, 2014. **The part number is the same as before (SOA868V9250), but all SOA inventory has now been updated.** It can be identified by the stepped plastic nozzle, as shown below.



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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.

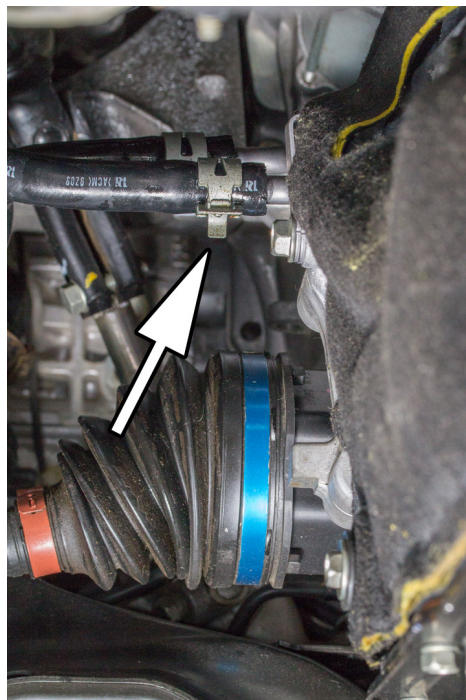
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The international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

3. Locate the transmission end of the hoses that run to the transmission oil cooler. Securely connect one 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 below.



4. 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.
5. Disconnect the can from the vehicle and flush out any residual fluid with compressed air.
6. Disconnect the waste container.
7. Properly connect the transmission oil cooler hoses to the transmission and secure with factory hose clamps as shown below.



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