

## SERVICE BULLETIN

### APPLICABILITY

**LEGACY VEHICLES THAT RECEIVE  
4EAT FILTER KITS**

### DATE

05-03-93

### SUBJECT:

**INFORMATION & INSTALLATION TIPS**

SOA will expand the 4EAT Filter Kit Installation Program to include some early 1992 Legacy vehicles. Although many improvements were made to these vehicles which greatly reduce the possibility of transmission problems, we feel it is best to provide these owners with this added protection, in the interest of customer satisfaction. **The procedure should be carried out only on vehicles identified by a customer letter or any 1992MY Legacy up to and including VIN N\*616806, N\*924131 (SIA); N\*605769, N\*904476 (FHI).**

It is also important to ensure that the ATK-50 Service Program is completed on every 1990 and 1991 automatic transmission equipped Legacy that comes into your service area. It is not necessary for the owner to present a letter for this installation.

Please also make sure that all 1990 and 1991 automatic transmission equipped Legacy vehicles in your new or used vehicle inventory have a filter kit installed.

The filter kit should also be installed on all 1991 and 1992 model year RHD (Postal) Legacy vehicles. 93MY RHD Legacy had filter kits installed during production.

By ensuring the filter kit is installed, you will be helping to protect our customers against possible future transmission complaints.

When installing the 4EAT auxiliary filter kit on the vehicle, some precautions must be taken.

1. Always follow the complete instructions from Service Bulletin 16-51-92R, Dated 03-15-92.
2. Before installing the kit, make sure that the cooler lines from the transmission to the cooler are correctly installed. Hose routing can be identified by using Service Bulletin 16-53-92, Dated 07-09-92.
3. There have been several variations of filter kits available. All kits for Legacys are mutually interchangeable. However, to help minimize the possibility of the hoses being pinched or kinked which would cause a restricted fluid flow, make sure that both hoses that go to the cooler inlet and the transmission outlet pipe protrude at least 4 1/2" from the end of the chafe protector. See Figure 1 on the next page.

#### 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. Impreza is a Trademark and Legacy, Justy, Loyale and Subaru SVX are Registered Trademarks.

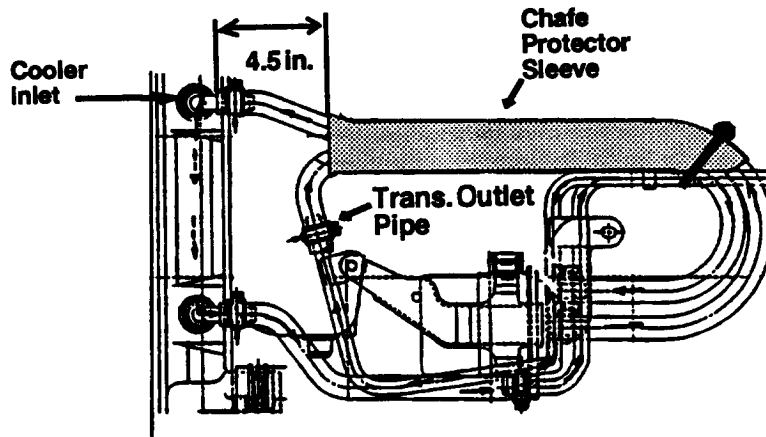


Figure 1

NOTE: You may have to trim the chafe protector back on the kits that have it glued to the hoses. Make sure you do not cut the hoses.

Only install the hoses far enough onto the pipe to assure a good seal from the hose clamp.

Ensure that all of the hoses are not pinched between or bent around objects that could cause the hose to be pinched or kinked. On SIA-produced Legacy vehicles the battery protector tray will have to be modified (see Figure 2). By cutting the side of the tray you will protect against the possibility of the hoses being pinched between the coolant overflow bottle and this tray. One other concern would be if someone had installed an after-market battery and the casing size was larger, this also would cause the hoses to be pinched between the coolant overflow bottle and the battery, even when no battery protector is used (FHI produced Legacy vehicles). In this case, a Subaru battery should be installed.

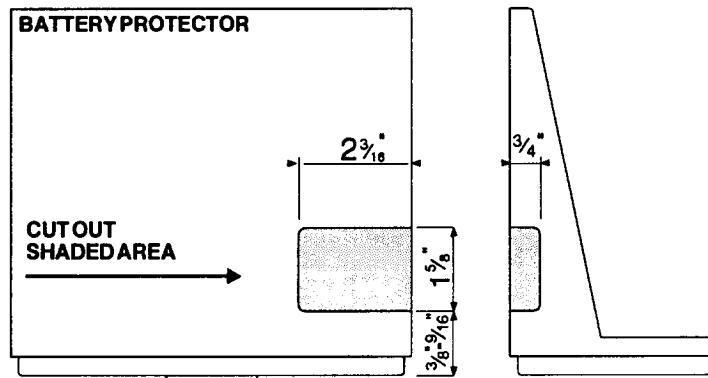


Figure 2

NOTE: In Figure 2, the specified measurements are for general reference points only, your exact location for cutting the battery protector may be slightly different.