



Technical Service Information

SUBARU 3 SPEED FRONT SEAL POPS OUT

COMPLAINT: After a reseal or overhaul, the front seal pushes out of the converter housing.

CAUSE: The converter bushing may be pushed back in the converter housing preventing the oil coming out of the converter from getting past the stator shaft and out to the cooler. When the bushing is replaced, it can easily be pushed in so far that it can block the "converter out" passage. See figure 1. Also the stator support gasket may block fluid to the "converter out" passage due to mis-assembly or use of excessive sealant.

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CORRECTION: 1. Check converter hub to bushing clearance. It should be no more than .0045 in. If it is more, then the bushing **MUST BE REPLACED**.

2. When replacing the converter bushing, check that you leave sufficient clearance between the bushing and the rear of the stator support.

3. Orient the stator support and the gasket so that both have the rounded side toward the starter hole in the bell housing. See figure 2. Also be sure that no sealer (silicone etc.) plugs or restricts the drain or cooler passages at the rear of the bell housing.

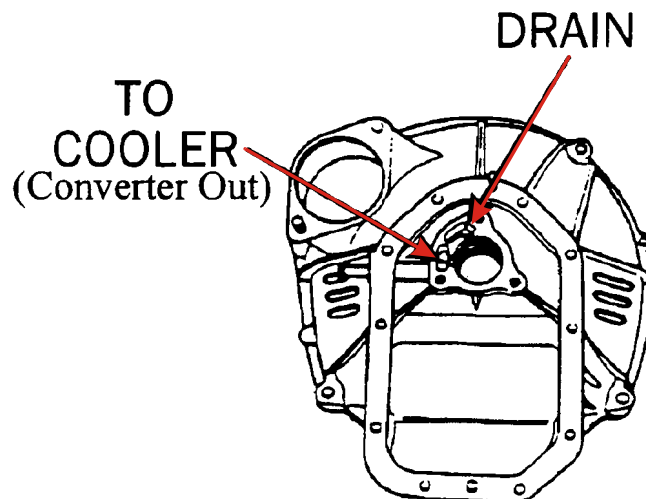


Figure 1

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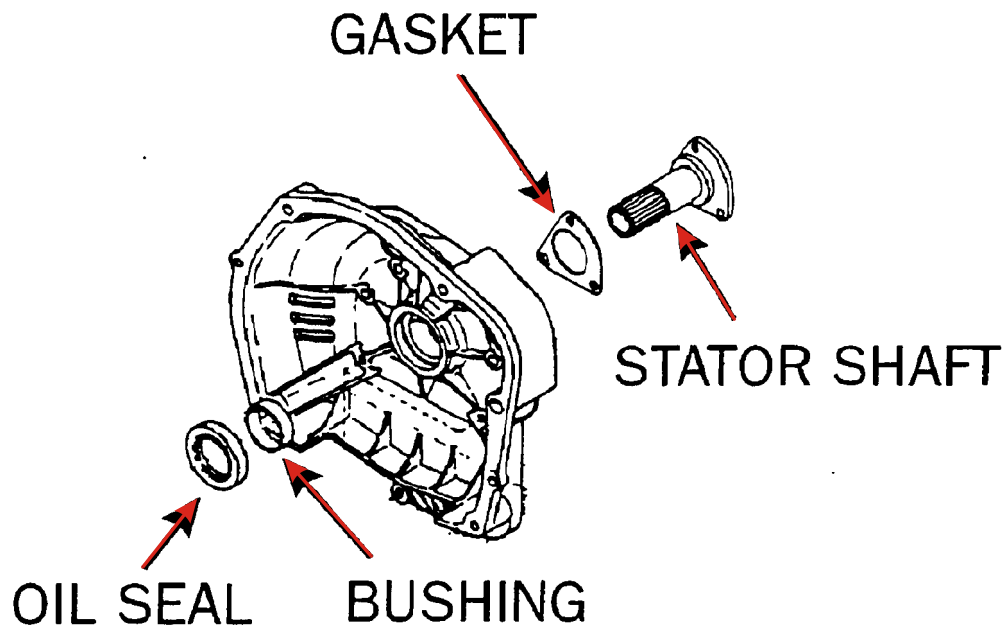


Figure 2