



Technical Service Information

MAZDA GF4A-EL

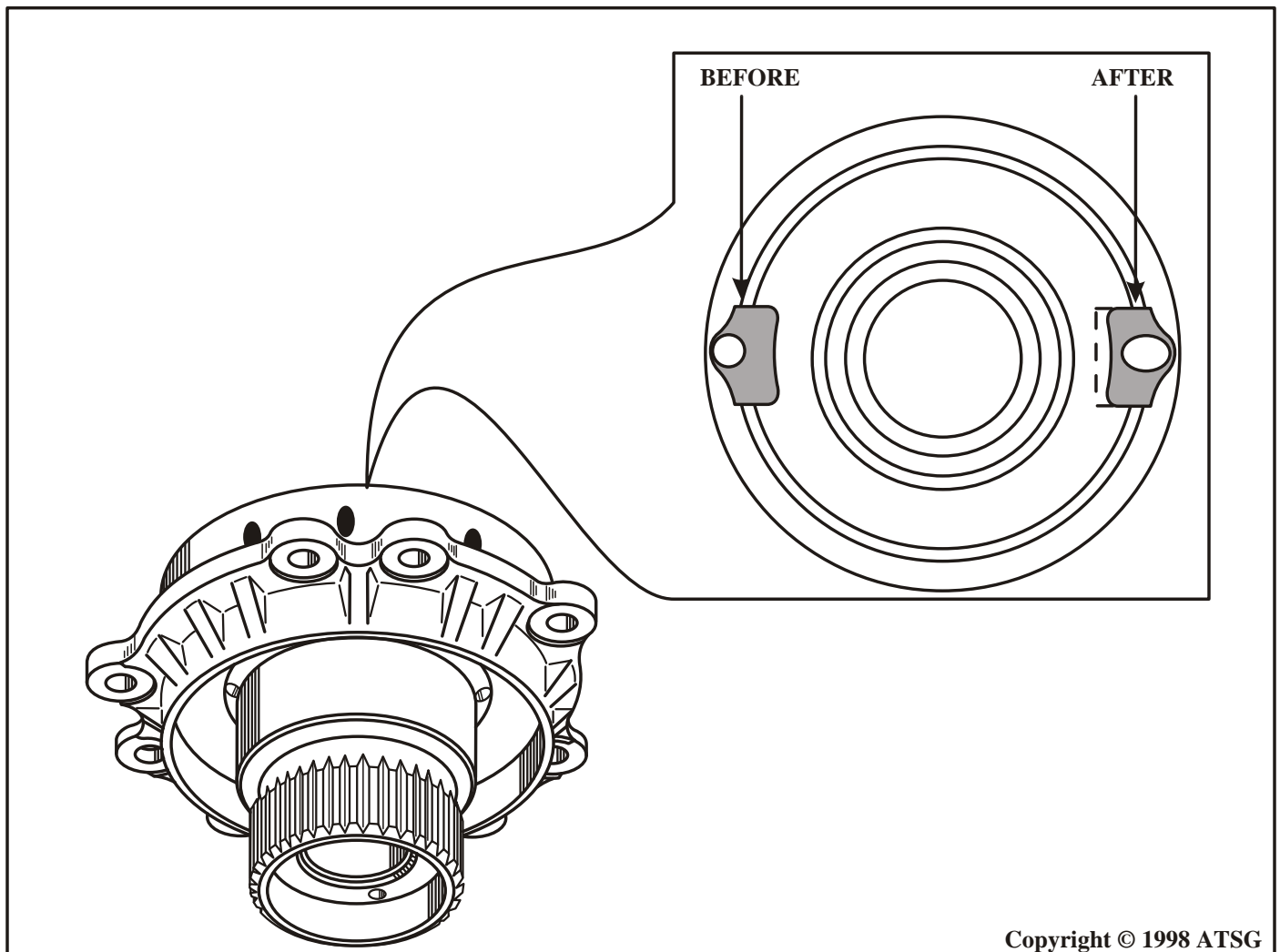
FRONT SEAL BLOWOUT OR CHRONIC LEAKER

COMPLAINT: Continuous front seal leak or front seal forced out onto the converter hub repeatedly.

CAUSE: The cause may be, insufficient drainback passages in the pump support, or worn or misplaced bushing in the torque converter.

CORRECTION NUMBER 1: Remove the pump support and bearing race. With drill or die grinder, enlarge and deepen the factory drainback passage in the "Rear" of the pump support, as shown in Figure 1. Notice that the drainback hole and the passage to the "Dotted Line" are both enlarged.

CORRECTION NUMBER 2: Measure dimension "A" as shown in Figure 2, and measure dimension "C" as shown in Figure 3. Subtract "C" from "A", and *ensure* the difference is .003"-.006". Also check the distance between the bushing and the top of the converter hub, shown as dimension "B" in figure 2. This distance should be .078" to .125", adjust as necessary.



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Figure 1

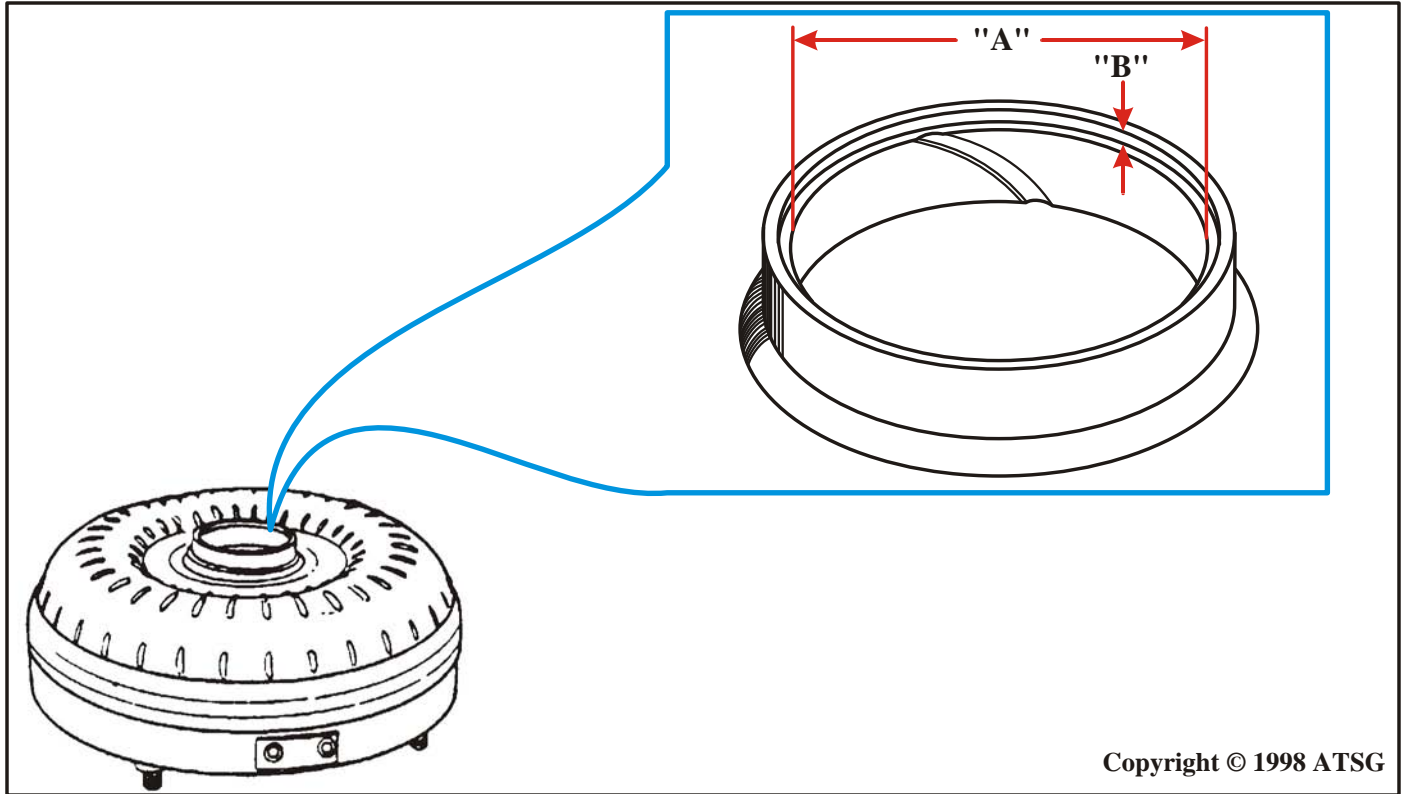


Figure 2

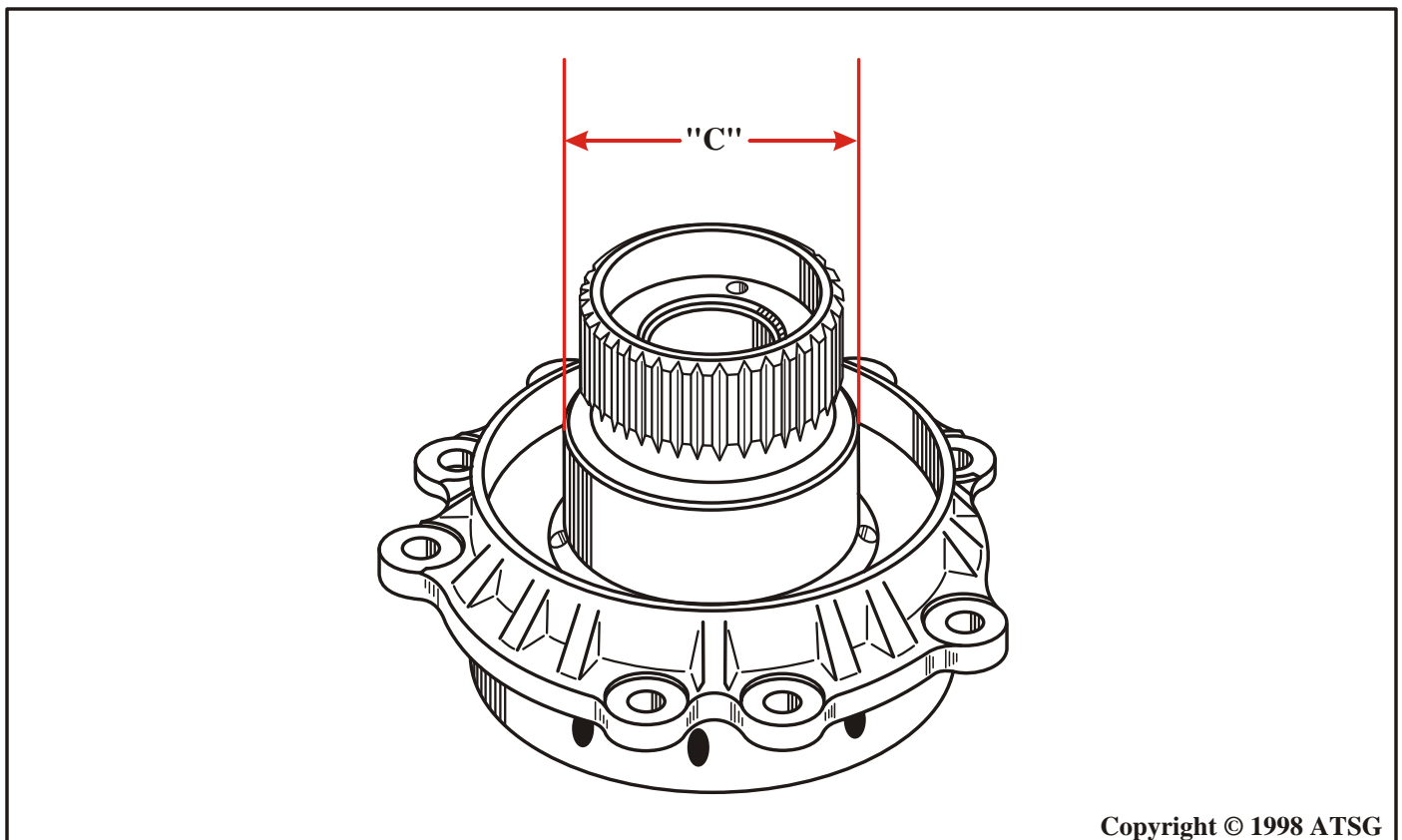


Figure 3