



Technical Service Information

FORD 4F27E FAILURE DUE TO LACK OF LUBE

COMPLAINT: Before or after overhaul, Ford vehicles equipped with the 4F27E transaxle may exhibit Failure due to Lack of Lubrication.

CAUSE: The cause may be, a restricted Transmission Oil Cooler limiting the amount of lubrication oil, which is fed to the rear case fitting as shown in Figure 2. The Direct/Reverse Drum bushing and the Sealing Ring Journal on the Rear Cover are the most common failures with lack of Lubrication. See Figure 3 for a Cross-Sectional view of the Lube Circuit.

CORRECTION: Replace the External Transmission Oil Cooler as shown in Figure 1. *NOTE: This cooler is extremely hard to flush and should be replaced according to Ford Motor Company.*

SERVICE INFORMATION:

TRANSMISSION OIL COOLER.....XS4Z-7A095-BA

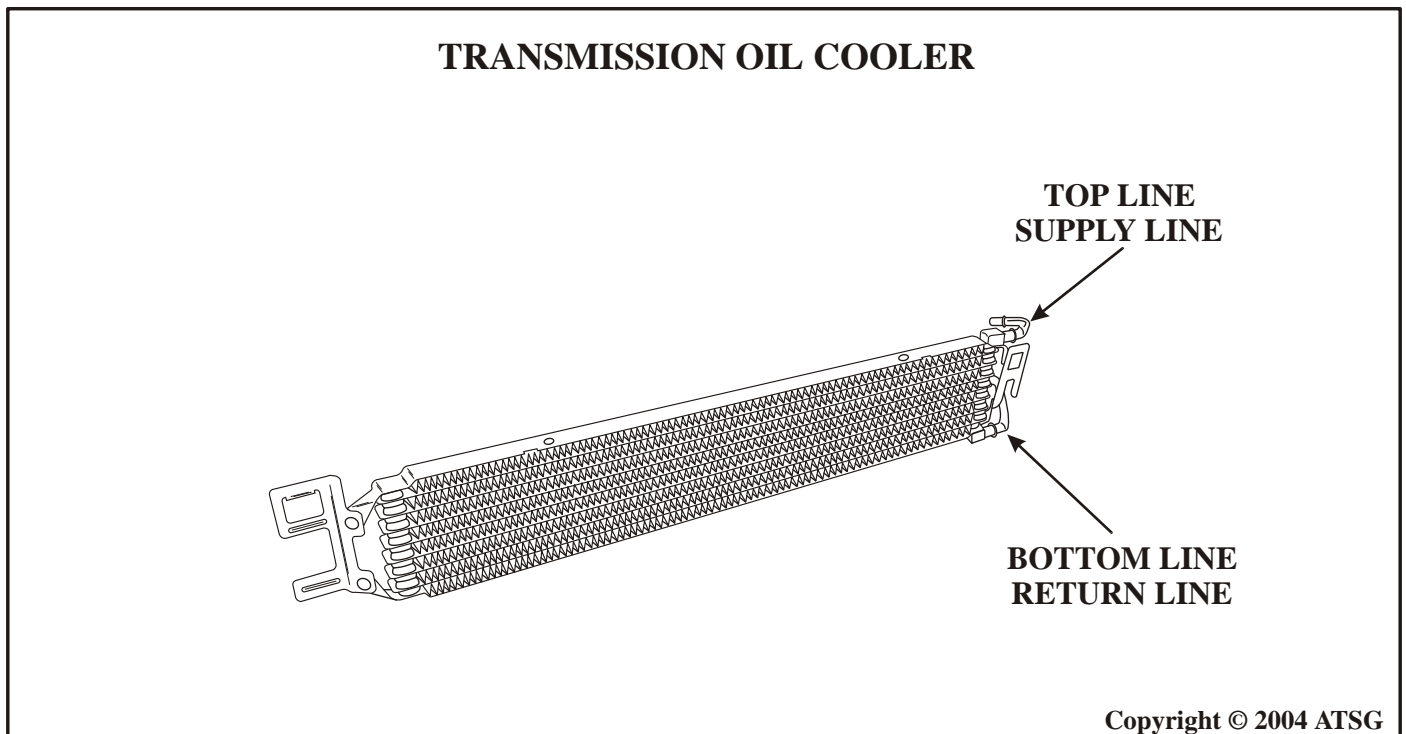
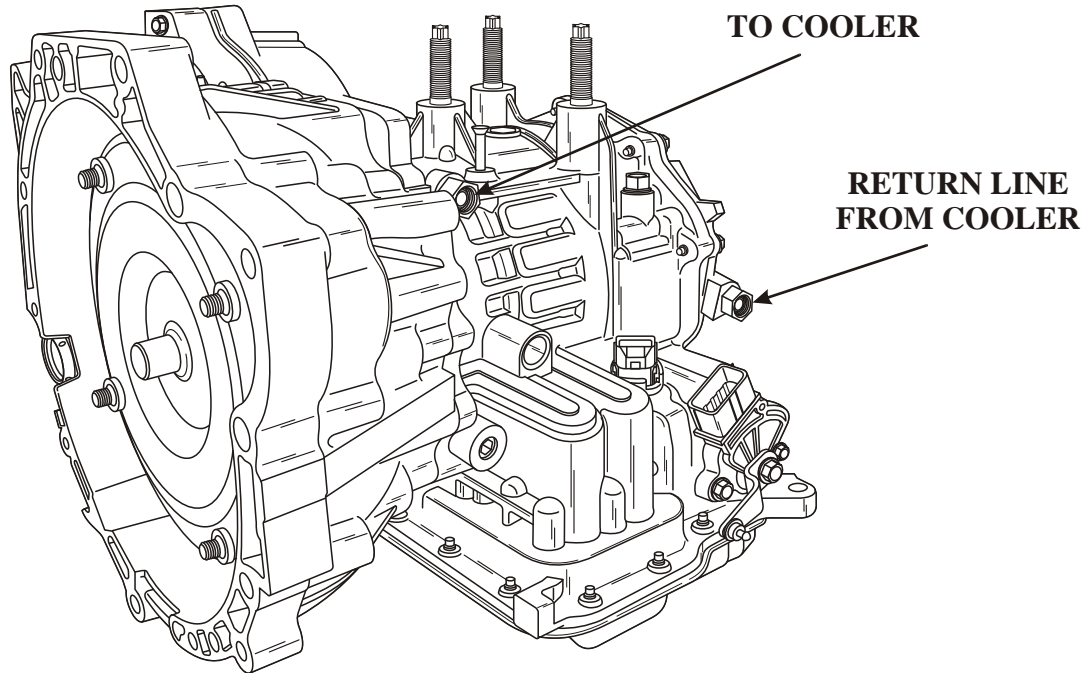


Figure 1

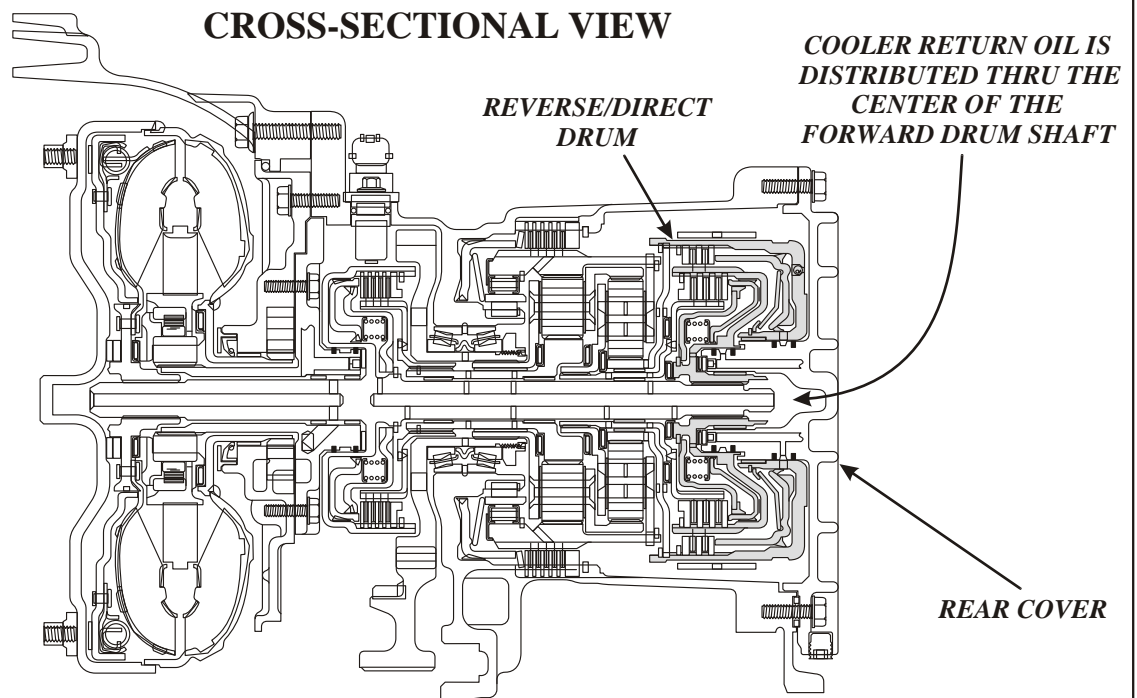
COOLER FITTING IDENTIFICATION



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Figure 2

CROSS-SECTIONAL VIEW



BUSHING FAILURE IN THE REVERSE/DIRECT DRUM ALONG WITH FAILURE OF THE SEALING RING JOURNAL ON THE BACK COVER ARE NORMALLY CAUSED FROM A RESTRICTED COOLER

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Figure 3