



Technical Service Information

FORD E4OD COOLER BYPASS VALVE ADDED TO SOME 1997 MODELS

CHANGE: Some 1997 Econoline, Expedition, F-150 Trucks and F-250 Trucks have been equipped with a Cooler Bypass Valve Assembly that requires sealing washers on both the "To Cooler" end and "From Cooler" end of the bypass valve assembly, as shown in Figure 1.

REASON: Increased lube flow during cold weather operation.

PARTS AFFECTED:

- (1) **COOLER BYPASS VALVE ASSEMBLY** - Added between the cooler line fittings in the case, to increase lube flow during cold weather operation (See Figure 1).
- (2) **CASE FITTINGS** - Requires special case fittings to retain the "Banjo" ends of the cooler bypass valve assembly into the transmission case (See Figure 1).
- (3) **SEALING WASHERS** - Requires sealing washers on both of the "Banjo" ends of the cooler bypass valve to seal properly (See Figure 1).

INTERCHANGEABILITY:

The new design Cooler Bypass Valve Assembly will retro-fit back to all previous models.

SERVICE INFORMATION:

Cooler Bypass Valve Assembly	F75Z-7H322-AB
Cooler Bypass Valve Sealing Washer Kit	391933

SPECIAL SERVICE NOTE:

If a removed Cooler Bypass Valve has an "O" ring installed, remove the "O" ring prior to re-installing the assembly. The "O" rings are only used to hold the sealing washers in place for shipping purposes. If the entire Cooler Bypass Valve requires replacement, be sure to remove the shipping caps and "O" rings prior to installation.

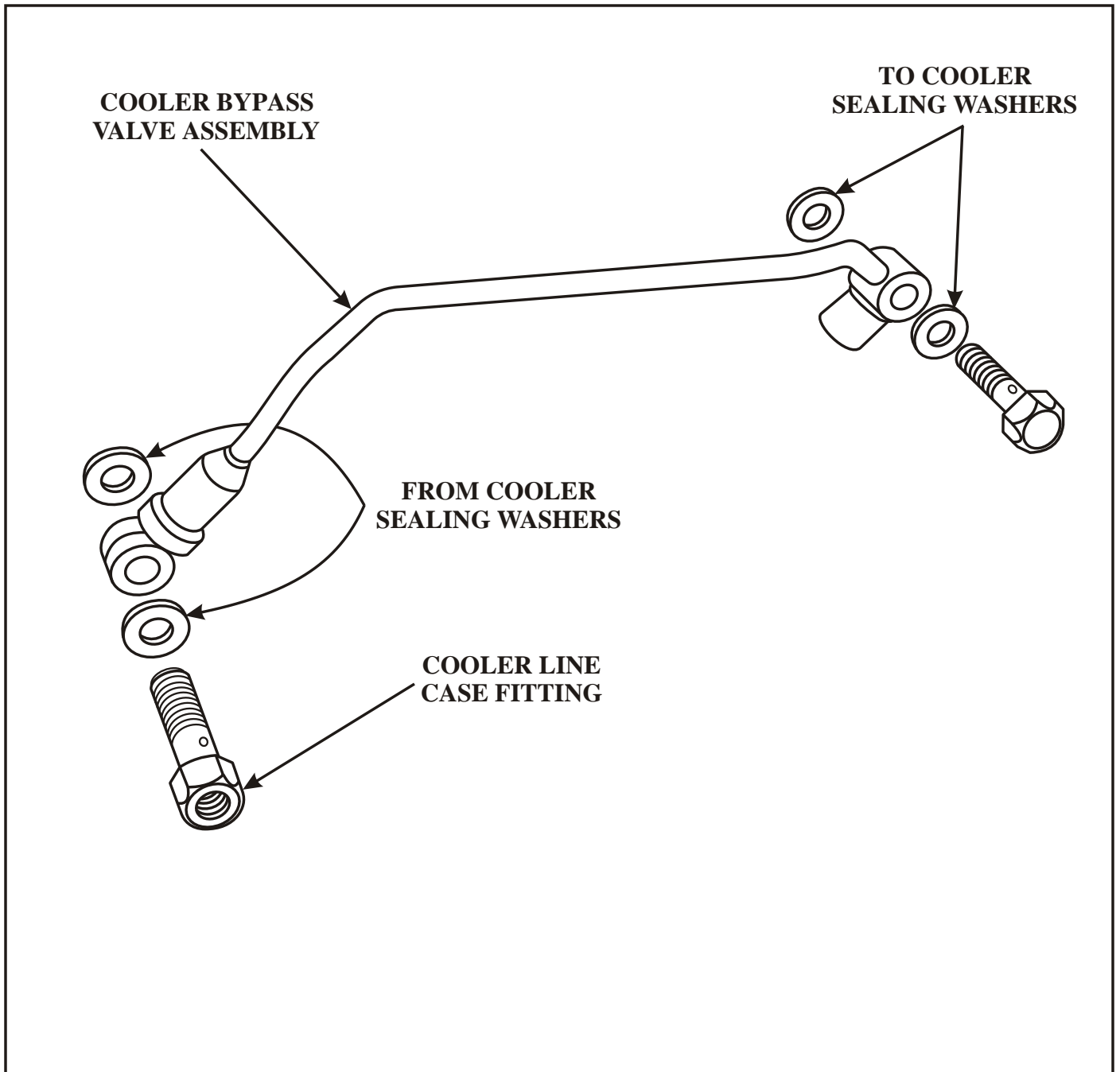


Figure 1