



Technical Service Information

FORD AODE/4R70W 3-NEUTRAL SHIFT AND FORWARD CLUTCHES BURNT

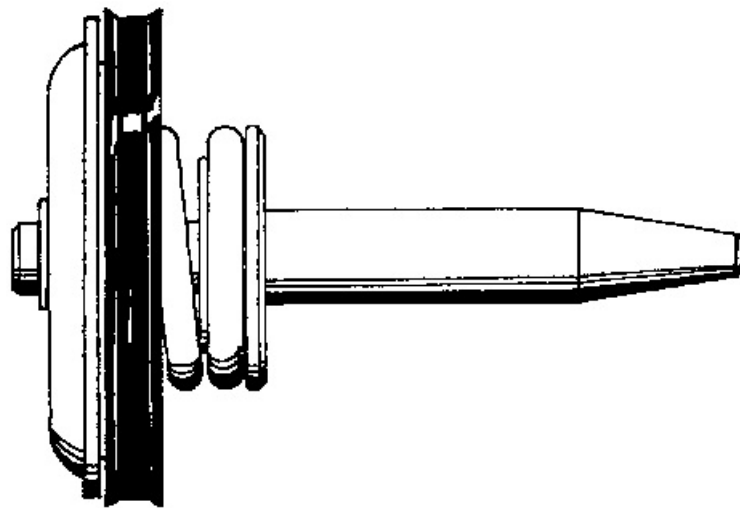
COMPLAINT: After overhaul, the 4R70W transmission displays a 3-neutral upshift, and upon disassembly you find the forward clutches burnt.

CAUSE: The cause may be a mis-assembled Overdrive Servo Assembly, with the “Rubber Coated Sleeve” omitted. The 4R70W transmission is calibrated with a smaller diameter overdrive servo piston than is the AOD-E transmission. To retain a common case between the two transmissions, an additional “Rubber Coated Sleeve” is required on the 4R70W Overdrive Servo Assembly, as shown in Figure 2.

CORRECTION: Install the “Rubber Coated Sleeve” in the Overdrive Servo Assembly, as shown in Figure 2. If your rubber coated sleeve is missing or lost, you **MUST** buy the complete Overdrive Servo Assembly, available under OEM part number F3LY-7H188-A. It is not available individually. Overdrive servo piston dimensions are shown in Figure 1, to identify the two different overdrive pistons

SERVICE INFORMATION:

4R70W Overdrive Servo Assembly (Includes Sleeve)	F3LY-7H188-A
AOD-E Overdrive Servo Assembly	F2VY-7H188-A



DIMENSION “A” = 2.470 (4R70W PISTON)
DIMENSION “A” = 2.680 (AOD-E PISTON)

