

Technical Service Information

FORD 4F27-E MAZDA FN4A-EL 1-2 FLARE AND 3-4 NEUTRAL

COMPLAINT: Ford or Mazda vehicles equipped with the 4F27-E or FN4A-EL, may exhibit a slight flare on

the 1-2 upshift and a neutralizing or slide on the 3-4 upshift that is worse with hotter

temperatures.

CAUSE: The cause may be, the bonded 2-4 servo piston is worn or the pin is loose from the piston, as

shown in Figure 1. The cause for the piston being worn is because of a rough surface in the

servo bore in the case.

CORRECTION: Replace the 2-4 servo piston, as shown in Figure 1. Using some fine sand paper or scotch-

brite, lightly sand the bore of the case where the bonded rubber part of the servo rides, to ensure that is smooth. See Figure 2. Re-assemble the servo assembly back into the case as shown in Figure 3. NOTE: If this repair is attempted in the vehicle, the linkage which is right over the 2-4 servo piston, will have to be removed, which means the mount bolts will

have to be removed and the transmission lowered in the vehicle.

SERVICE INFORMATION:

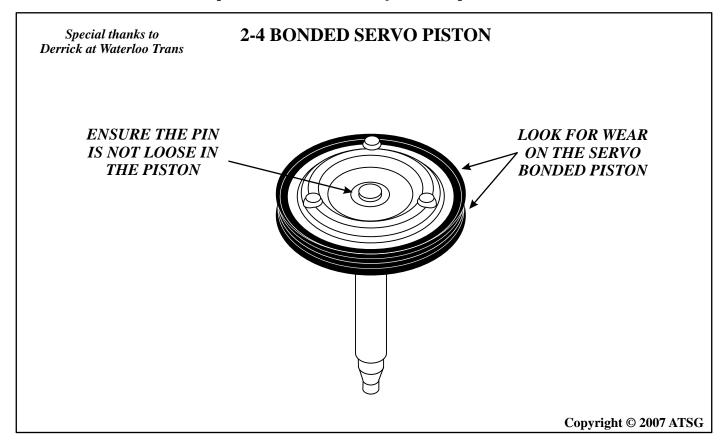


Figure 1
AUTOMATIC TRANSMISSION SERVICE GROUP

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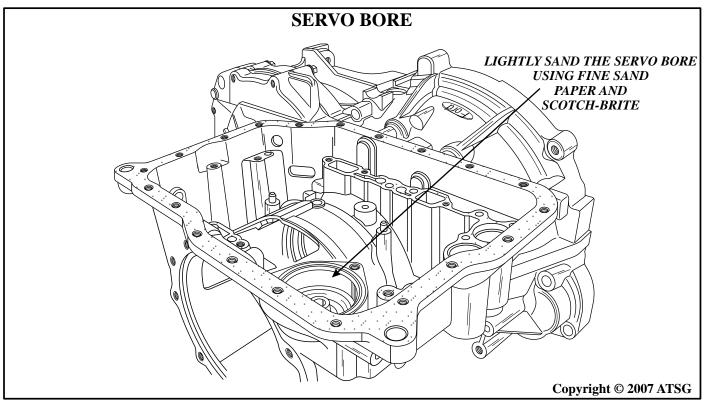


Figure 2

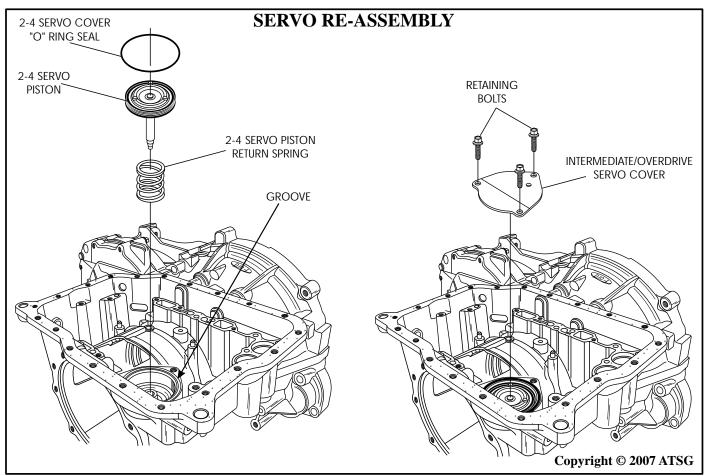


Figure 3