



Technical Service Information

THM 4L60 (700-R4)

NEW DESIGN LUBE SEAL AND OUTPUT SHAFT

CHANGE: New design input housing to output shaft seal and revised lube hole location in output shaft.

REASON: Increased lube oil flow to Input Housing/Input Sun Gear Bearing. (See Figure 1).

PARTS AFFECTED:

(1) INPUT HOUSING LUBE SEAL - Now made of a soft rubber material instead of the previous hard plastic, is Red Oxide in color, and helps retain lube oil even in mis-alignment conditions because of soft material (See Figures 1 and 2).

(2) OUTPUT SHAFT - Revised lube hole location. New design can be identified by lube hole in the chamfer at the front of the output shaft. The previous design has the lube hole located on the pilot at the front of the output shaft (See Figure 2). The new design output shaft now aims lube oil directly at the Input Housing/Input Sun Gear Bearing for greatly increased durability (See Figure 1).

INTERCHANGEABILITY:

(1) THE NEW DESIGN SEAL (SOFT RUBBER) "WILL NOT WORK WITH THE PREVIOUS DESIGN OUTPUT SHAFT. The lube hole in the pilot of the output shaft will tear the new style seal, and/or block the hole completely.

(2) "The previous design seal (Hard Plastic) "WILL" work with "ALL" shafts including the new design output shaft.

(3) The new design output shaft and seal will retro fit back to any THM 700-R4 transmission ever built.

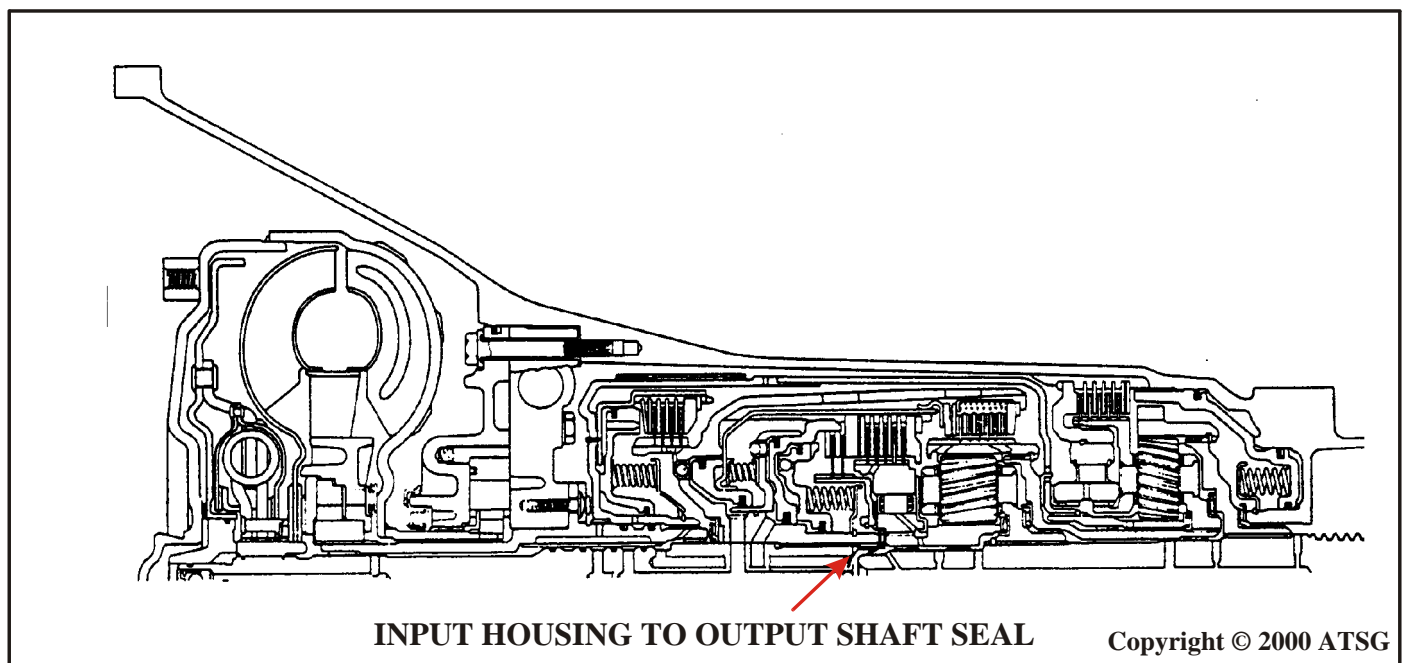
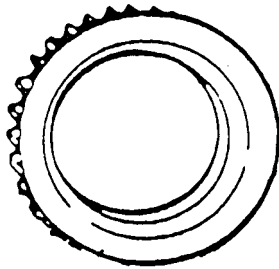


Figure 1

INPUT HOUSING SEAL HARD PLASTIC



INPUT HOUSING SEAL SOFT RUBBER

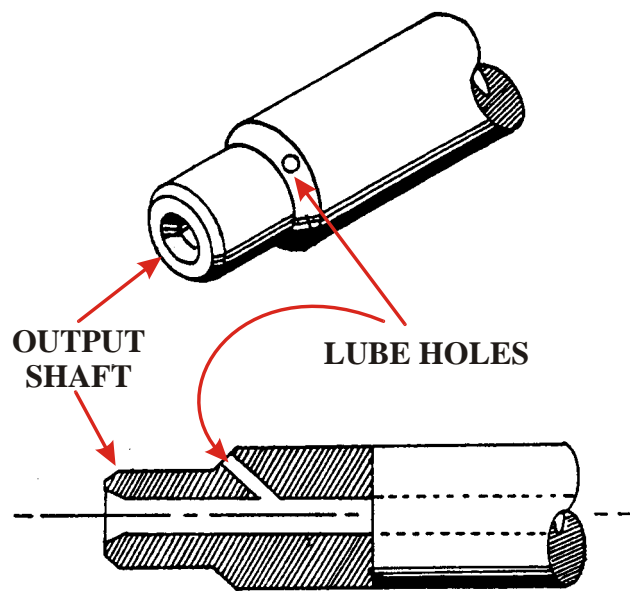
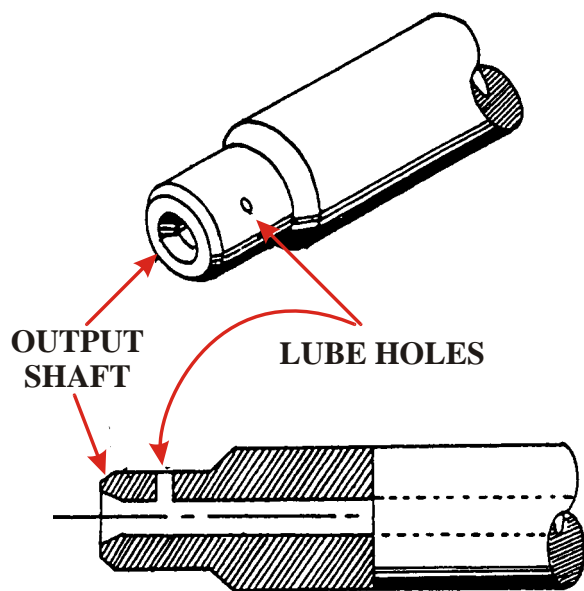
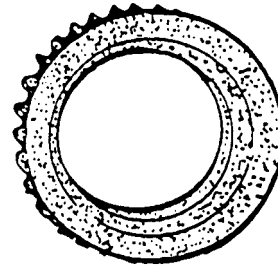


Figure 2