

FORD, JAGUAR, MAZDA, ROVER, VW, EQUIPPED WITH JF506-E

2-3 FLARE OR, SLIPS 3RD, 4TH, 5TH

COMPLAINT: Before and/or after overhaul, vehicles listed above and equipped with the JF506-E transaxle, may exhibit a flare on the 2-3 upshift, or slips when in 3rd, 4th, or 5th gear.

CAUSE: The cause may be, high and reverse clutch piston housing, as shown in Figure 1.

CORRECTION: This crack is *extremely* difficult to detect visually, and if missed will create premature high clutch failure. This piston cracks in an area of the piston that allows the high clutch apply oil to bleed into the reverse clutch circuit, as shown in Figure 1. The reverse clutch circuit is basically an exhaust, when the transaxle is in 3rd, 4th, or 5th gear.
Replace the high and reverse clutch piston housing, as shown in Figure 1. There is now a 2nd design piston available from Mazda. Refer to Figure 2 for an exploded view of the high and reverse drum showing the housing location.

SERVICE INFORMATION:

High/Reverse Clutch Piston Housing (Mazda Part Number)..... FP03-19-480

Note: This housing is not sold individually from most OEM suppliers.

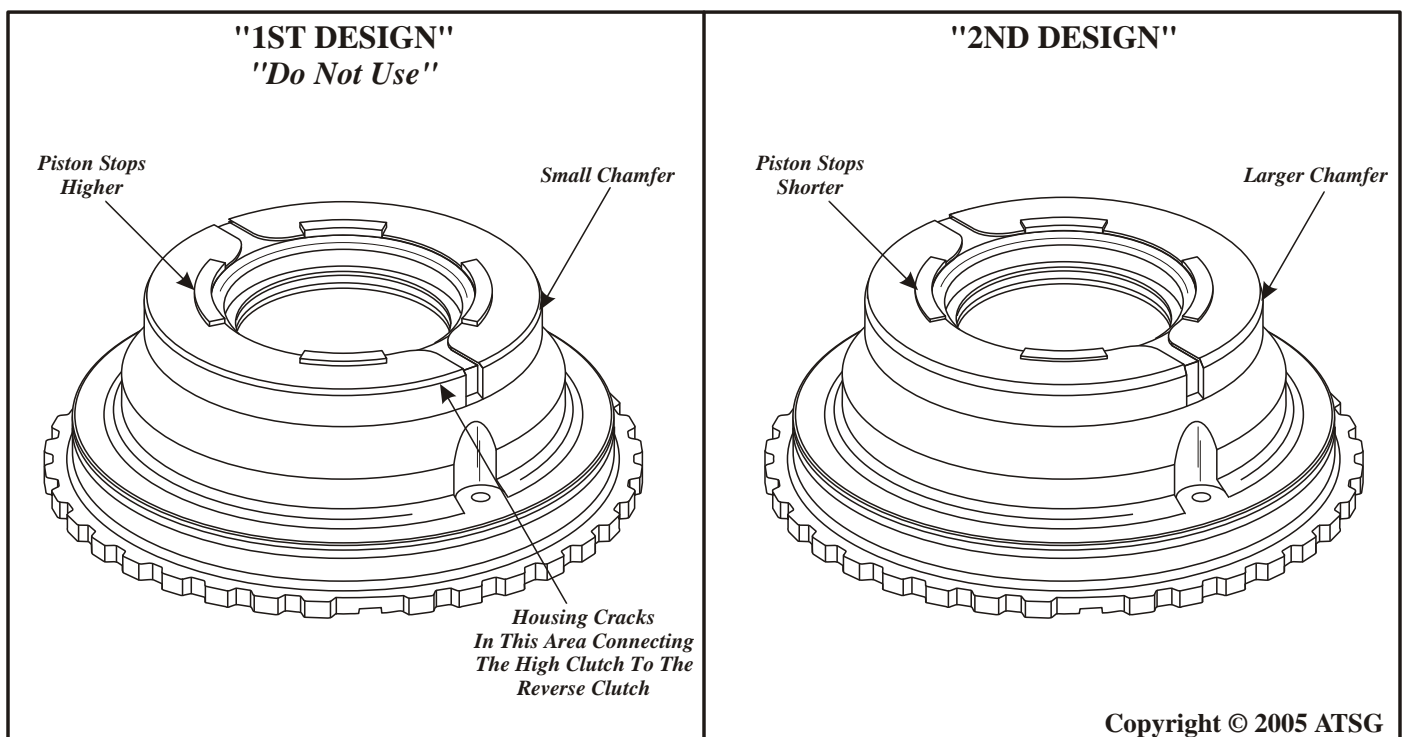


Figure 1

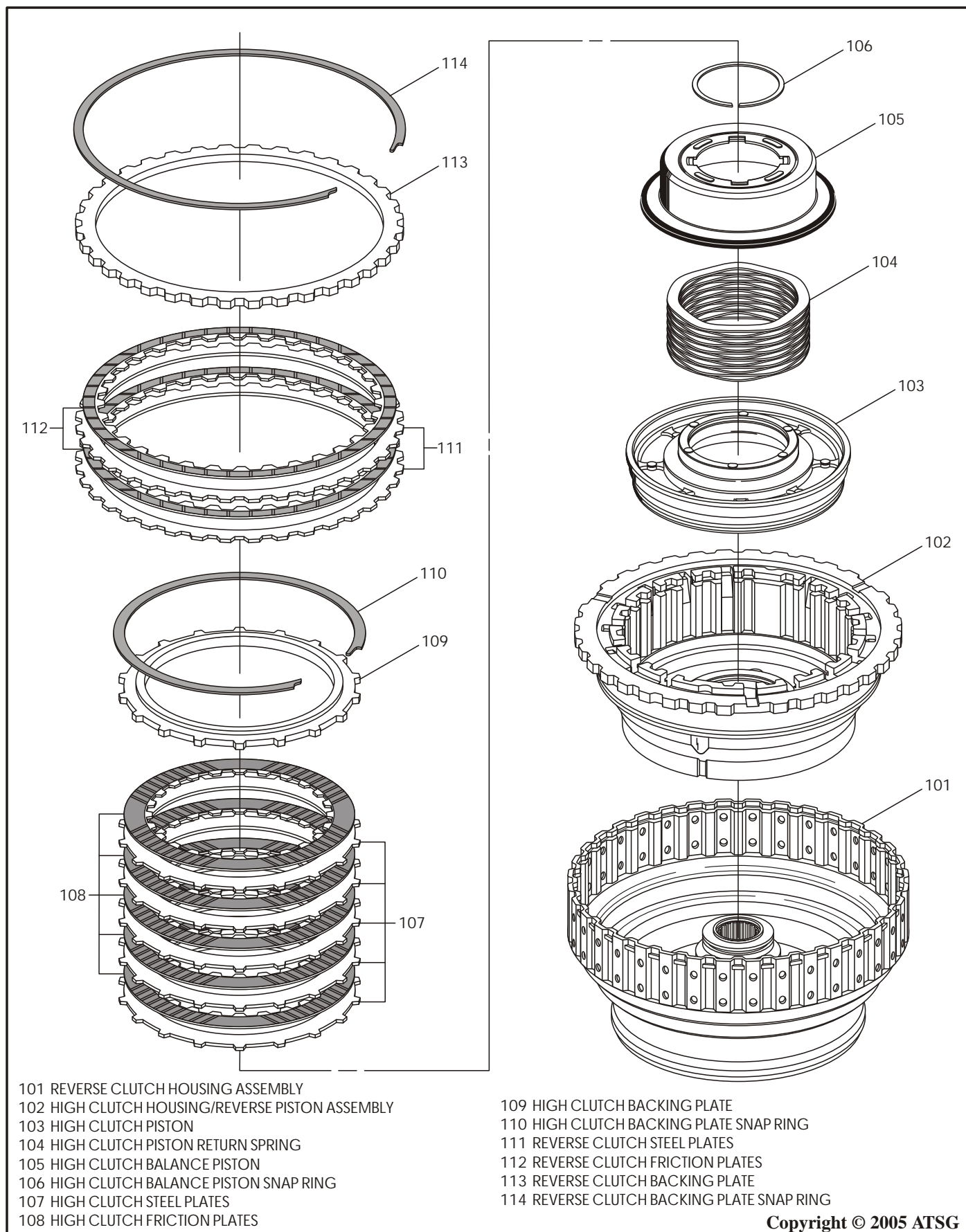


Figure 2