

FORD 10R80
PUMP WEAR ISSUES

COMPLAINT: A Ford vehicle equipped with a 10R80 Transmission is exhibiting symptoms that point to a low line pressure condition. The transmission may delay on garage shifts, slip in gear, fall out of gear or set gear ratio error codes.

CAUSE: Wear has occurred in the transmission fluid pump vane contact area of the slide which is seen in figure 1. This came out of a vehicle with 80,000 miles showing on the odometer. The wear factor is a bit more severe in figure 2 from a vehicle with 90,000 miles showing on the odometer. On a vehicle with 100,000 miles showing on the odometer the wear factor is even more severe than the previous examples (figure 3).

Some transmission fluid pump driven gears will have an "F" stamped on the front of the gear as seen in figure 4. The reason why some gears have this and some don't is unclear. The gear however, is direction sensitive and should be installed in the direction shown in Figure 4. As if "F" could indicate "FRONT" to ensure it is installed correctly. If gear is not stamped with a F, it should be marked prior to removal.

CORRECTION: Replace the transmission fluid pump assembly.

SERVICE INFORMATION:

10R80 transmission fluid pump assembly.....JL3Z-7A103-A

Many thanks to Craig Sarokoff at AACTION Transmissions!

**FORD 10R80
PUMP WEAR ISSUES**

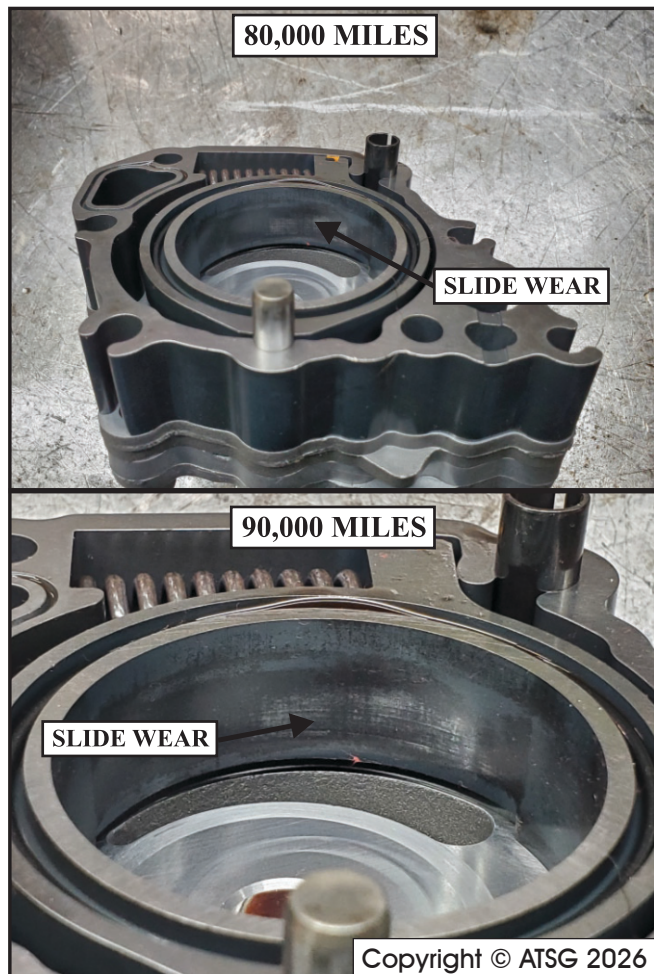


Figure 1

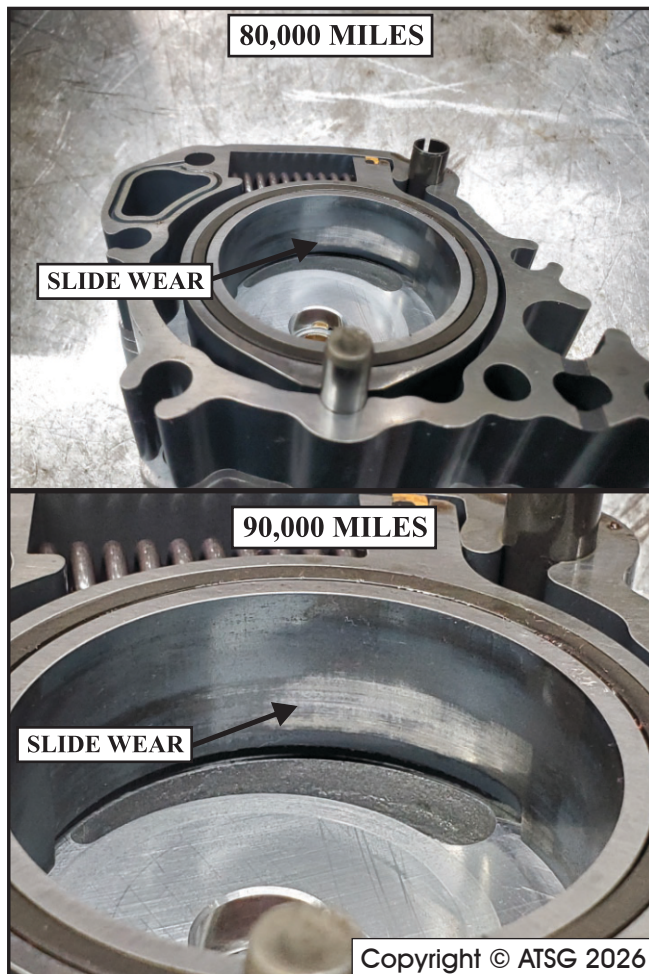


Figure 2

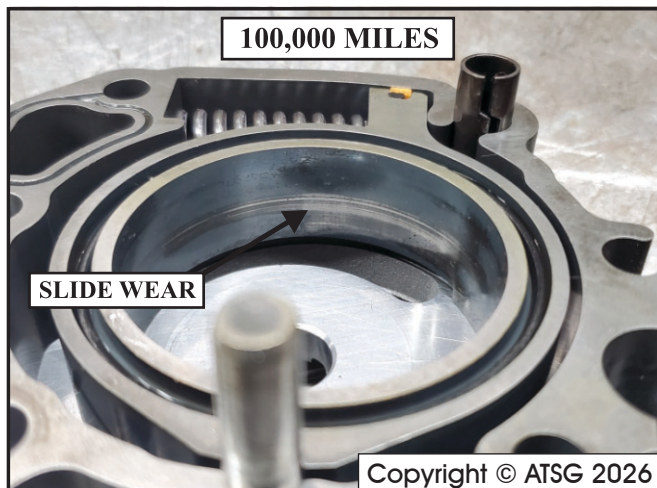


Figure 3

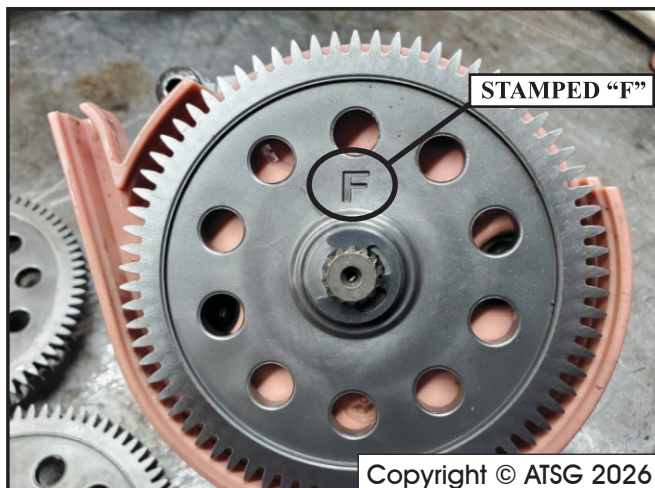


Figure 4