



# Technical Service Information

## GM 6T40 SERIES TRANSMISSIONS

### FRONT PUMP SEAL USAGE

**COMPLAINT:** The technician may have acquired a front seal for a 6T40 Series Transmission only to find it does not fit the seal cavity. This can happen by using a seal from miscellaneous stock or getting the incorrect kit for the transmission being repaired.

**CAUSE:** There are three different size seals depending on transmission generation 1, 2 or 3.

**CORRECTION:** The Generation 1 front seal is shown in figure 1, it is 7.72mm (0.304") thick.

The Generation 2 front seal is shown in figure 2, it is 8.43mm (0.332") thick.

The Generation 3 front seal is shown in figure 3, it is 10.80mm (0.425") thick. This is for the off axis chain driven pump. Inside front seal diameter may also vary.

***NOTE: Exercise care when replacing front pump bushings as dimensions may vary.***

*A special Thank You to Beau Hansen R&D Specialist from ETE for the information contained in this bulletin.*

## GM 6T40 SERIES TRANSMISSIONS FRONT PUMP SEAL USAGE

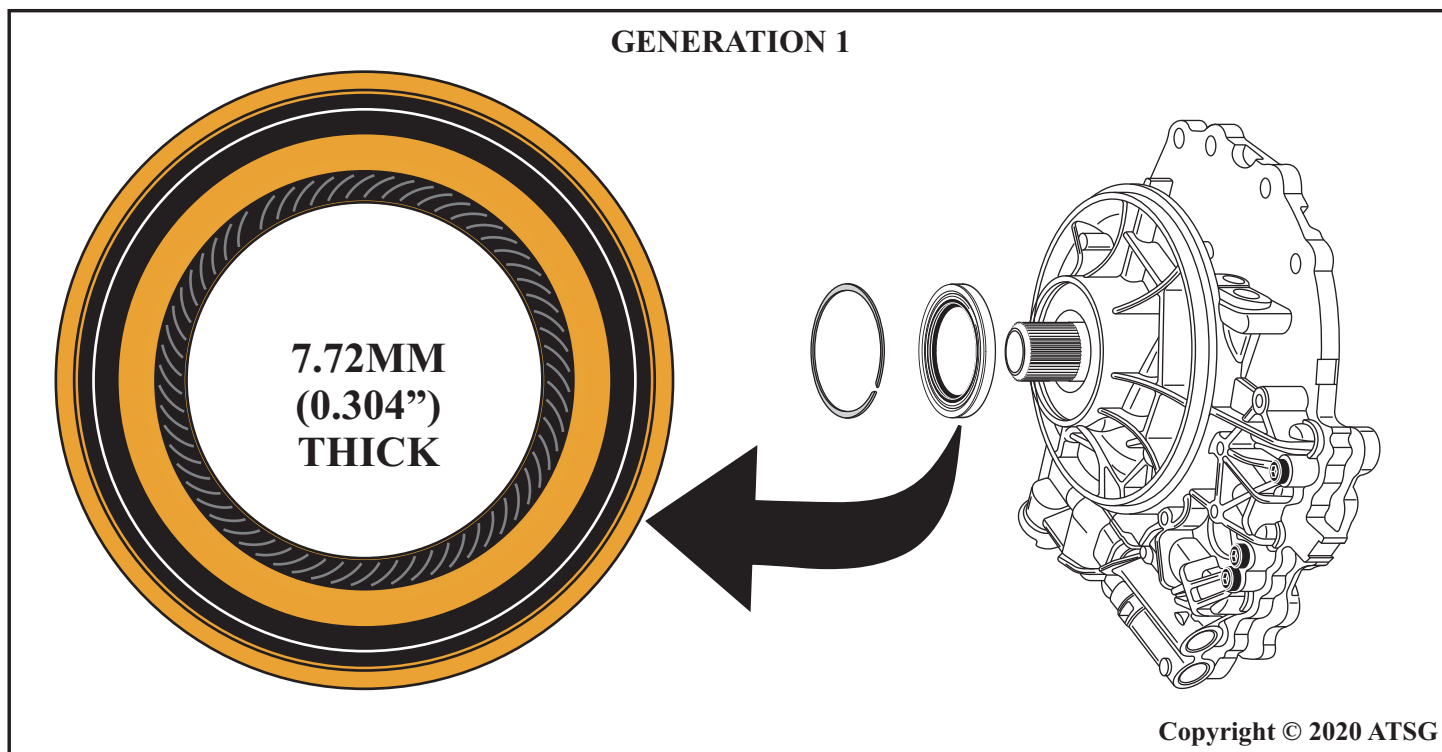


Figure 1

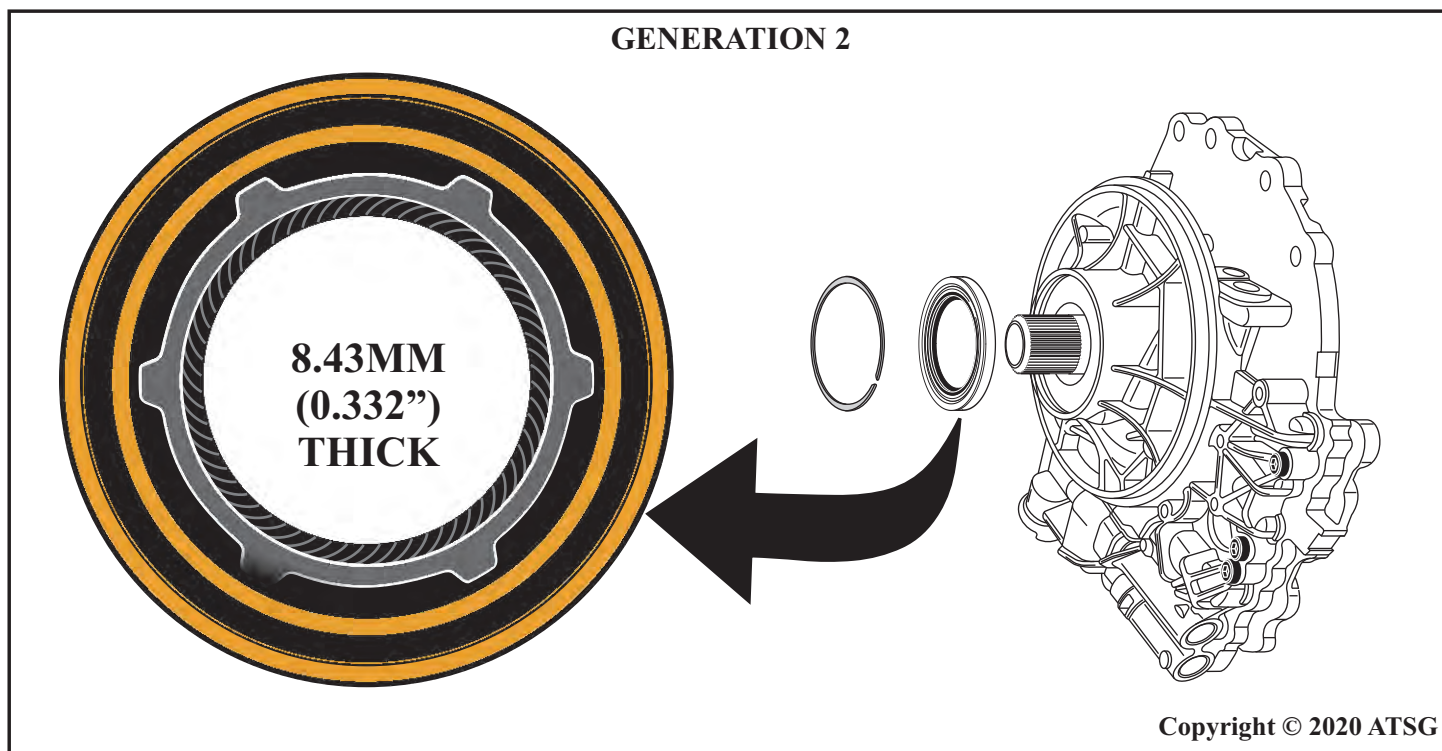


Figure 2

## GM 6T40 SERIES TRANSMISSIONS FRONT PUMP SEAL USAGE

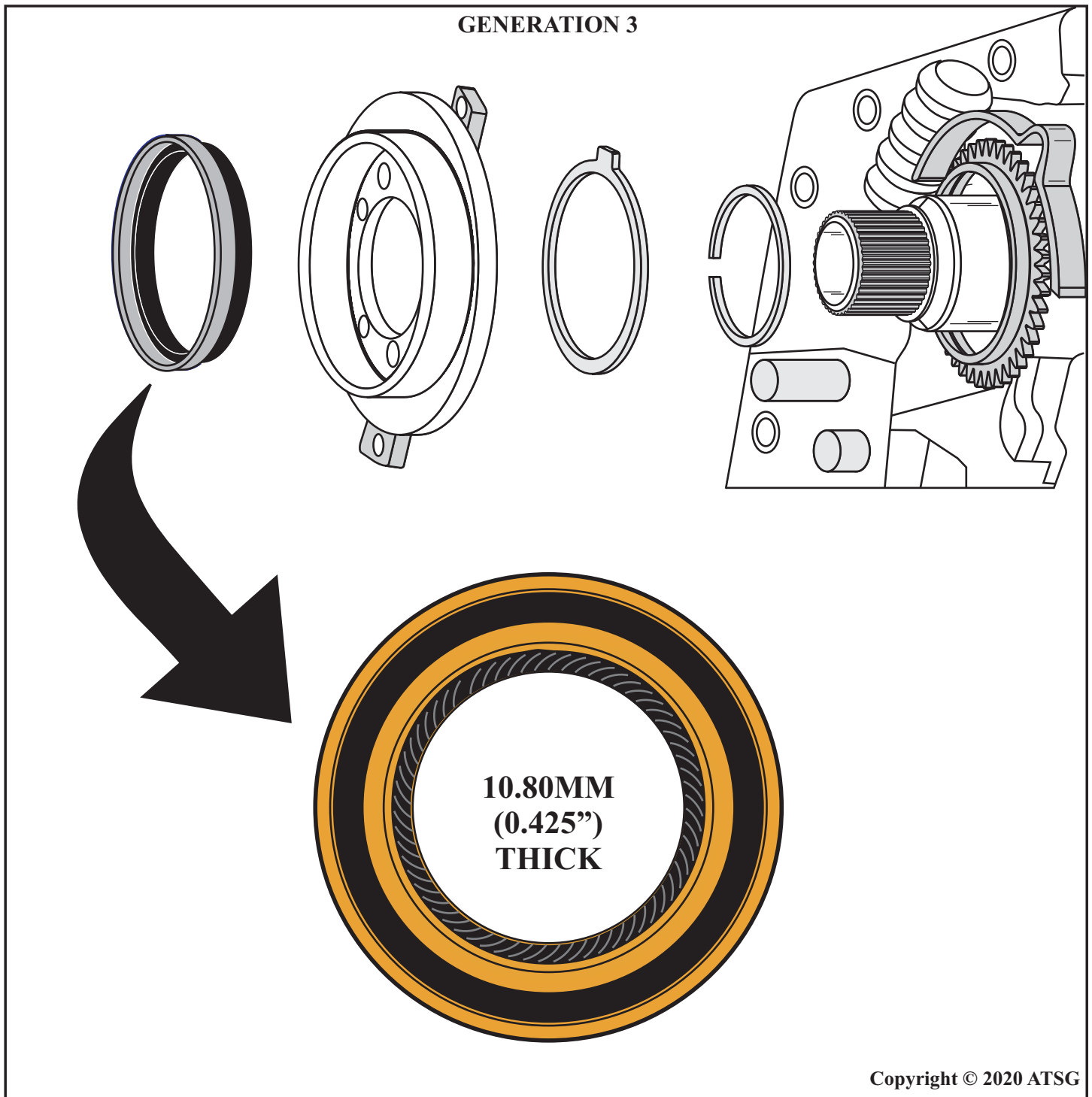


Figure 3