

GM 8L90 - 8L45**NO MOVEMENT AFTER VALVE BODY REPLACEMENT**

COMPLAINT: GM vehicles equipped with the 8L90 or 8L45 transmission may exhibit a no move condition after repairs that involve removing and replacing the valve body assembly and it's related valve body to case seals.

CAUSE: The incorrect length 1-2-3-8-R valve body assembly to case seal has been used, refer to figure 1 for seal location.

CORRECTION: The valve body assembly will have to be removed to measure the 1-2-3-8-R seal length. The 8L90 seal is .909 in. (23.1 mm) long and the 8L45 seal is 1.32 in. (33.5 mm) long.

When the 8L90 seal is used in the 8L45, it is too short to reach the 1-2-3-8-R feed orifice which results in the no move condition, refer to figure 2.

The 8L45 seal also seen in figure 2 is too long for the 8L90 use and will prevent the valve body assembly from mating with the transmission case.

Note: The 8L90 1-2-3-8-R seal has 5 identification notches on the top of the seal as seen in figure 3.

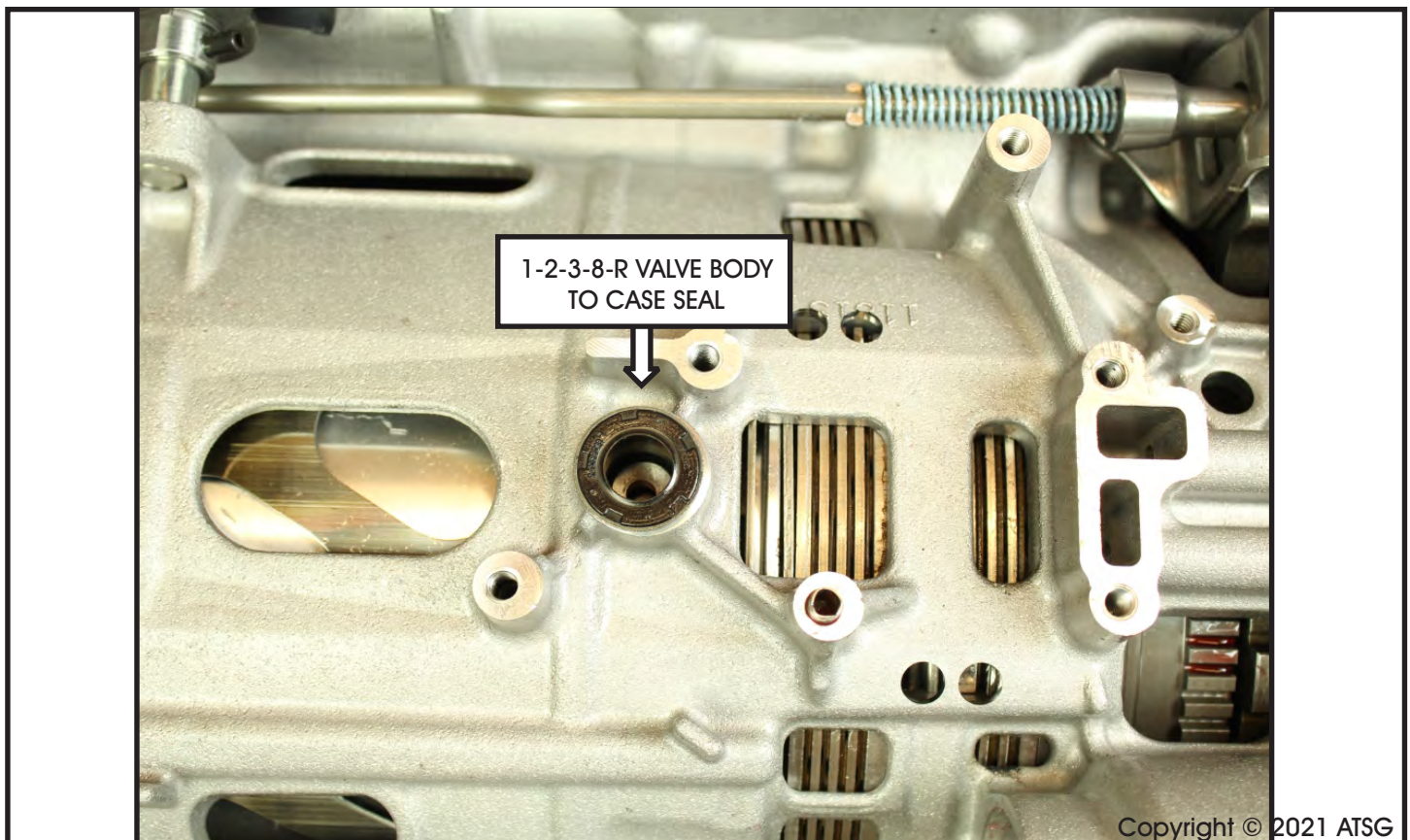


Figure 1

GM 8L90 - 8L45
NO MOVEMENT AFTER VALVE BODY REPLACEMENT

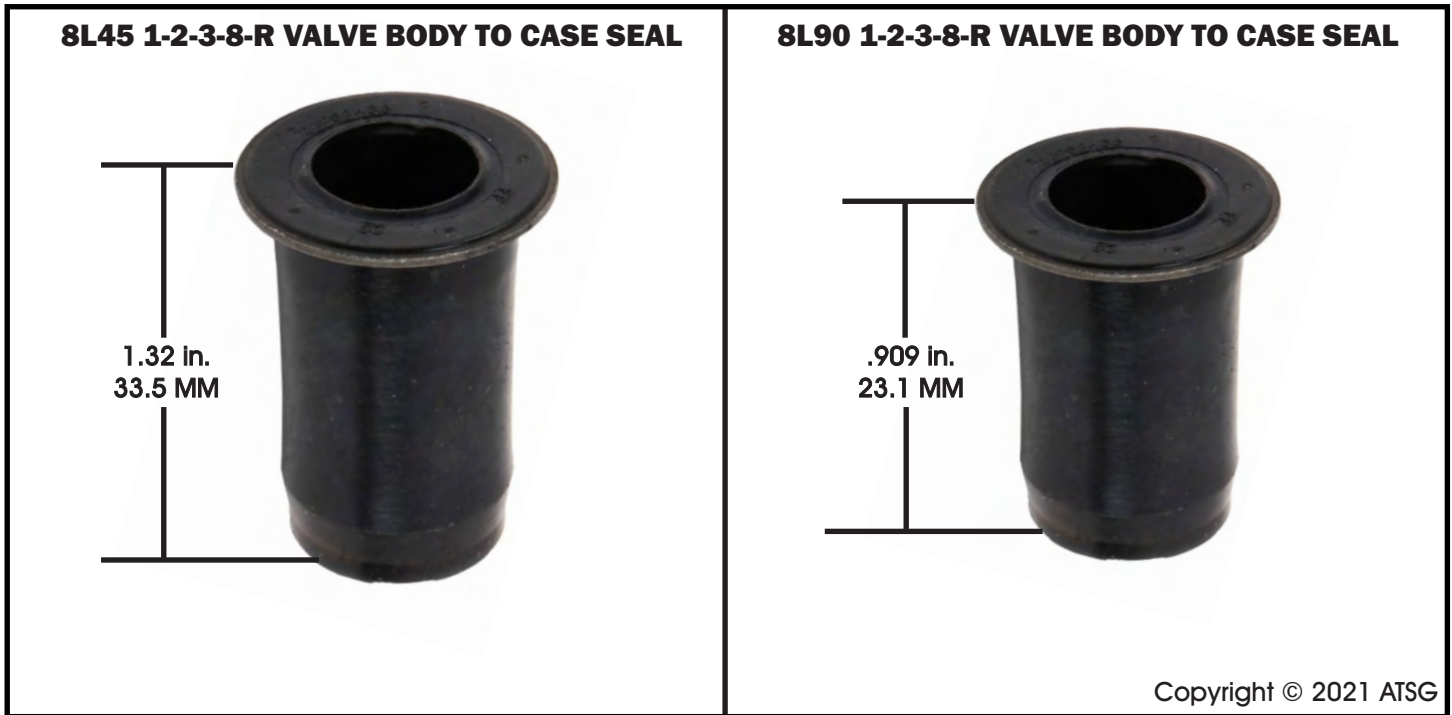


Figure 2



Figure 3