



# Technical Service Information

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## FORD 6R80

### ONE-WAY CLUTCH BIAS SPRING

**COMPLAINT:** When the transmission pan is removed from a 6R80, the technician notices an odd looking spring laying in the bottom of the pan. No one seems to know where this spring came from or where it goes (figure 1).

**CAUSE:** When the 6R80 was updated during the 2010 model year, a one-way diode style clutch was installed. The Bias Spring goes between a lug of the one-way clutch and the transmission case (figure 2). This puts tension on the diode assembly to keep it from “clunking” during transmission operation.

**CORRECTION:** Install the bias spring as shown in figure 2 on all 6R80 transmission that are equipped with a one-way clutch.

### FORD 6R80 ONE-WAY CLUTCH BIAS SPRING

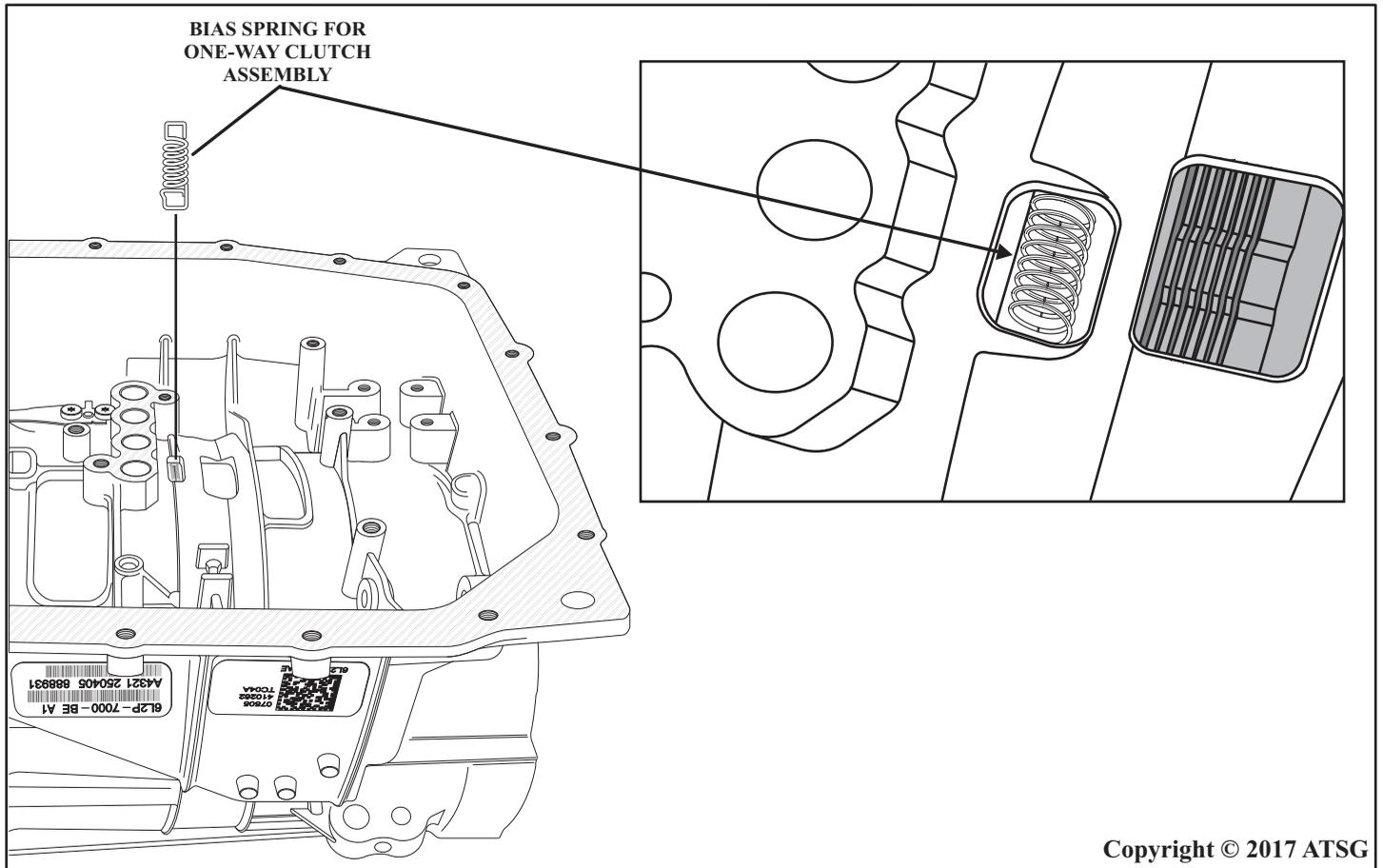


Figure 1

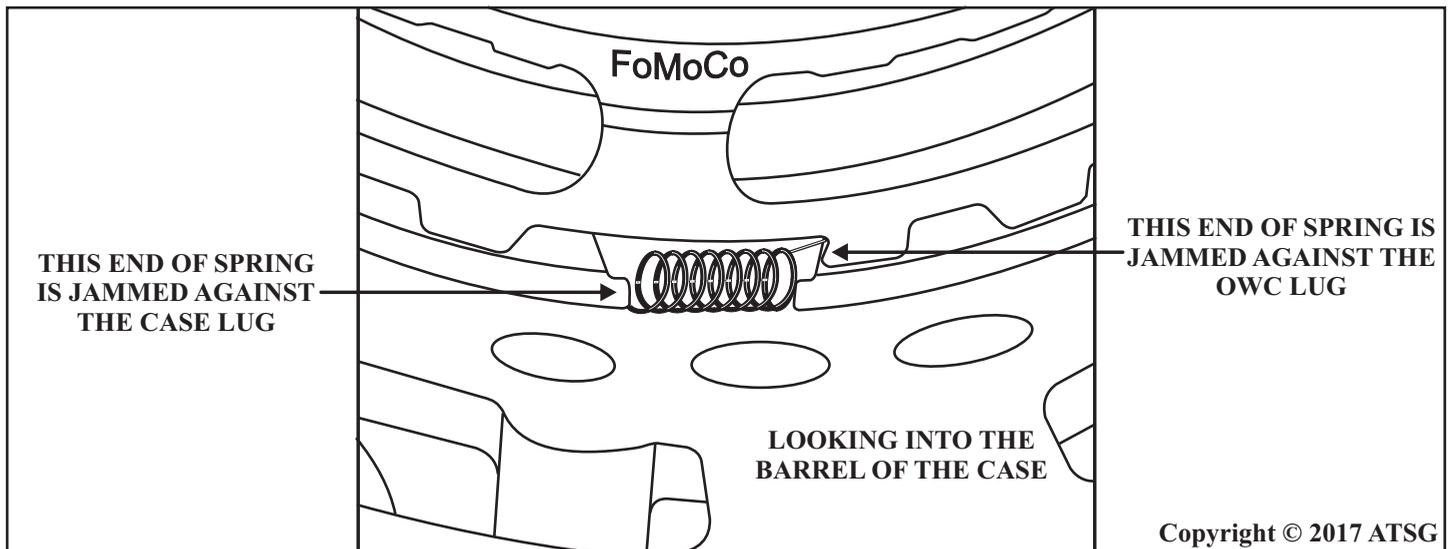


Figure 2