



Technical Service Information

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

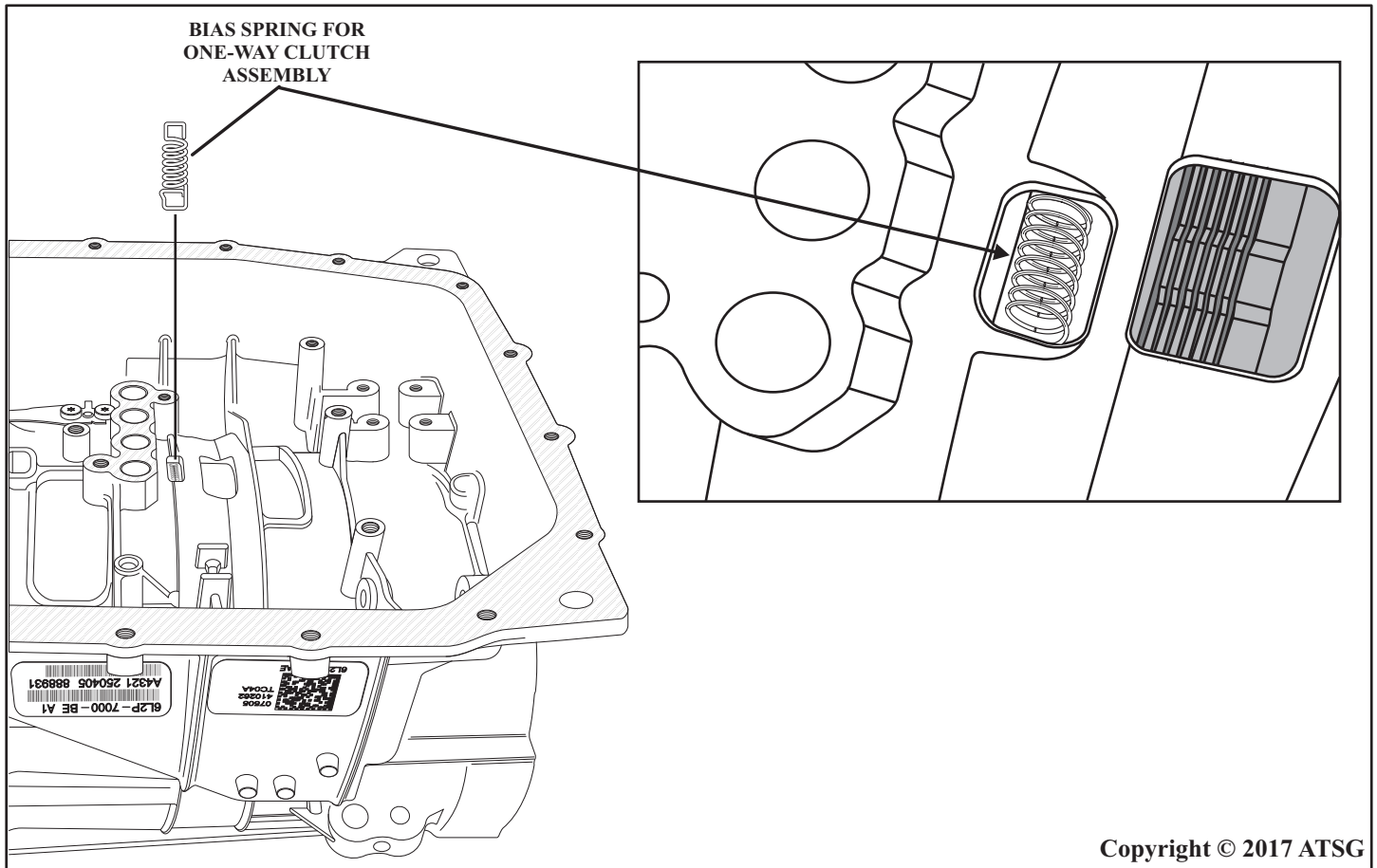


Figure 1

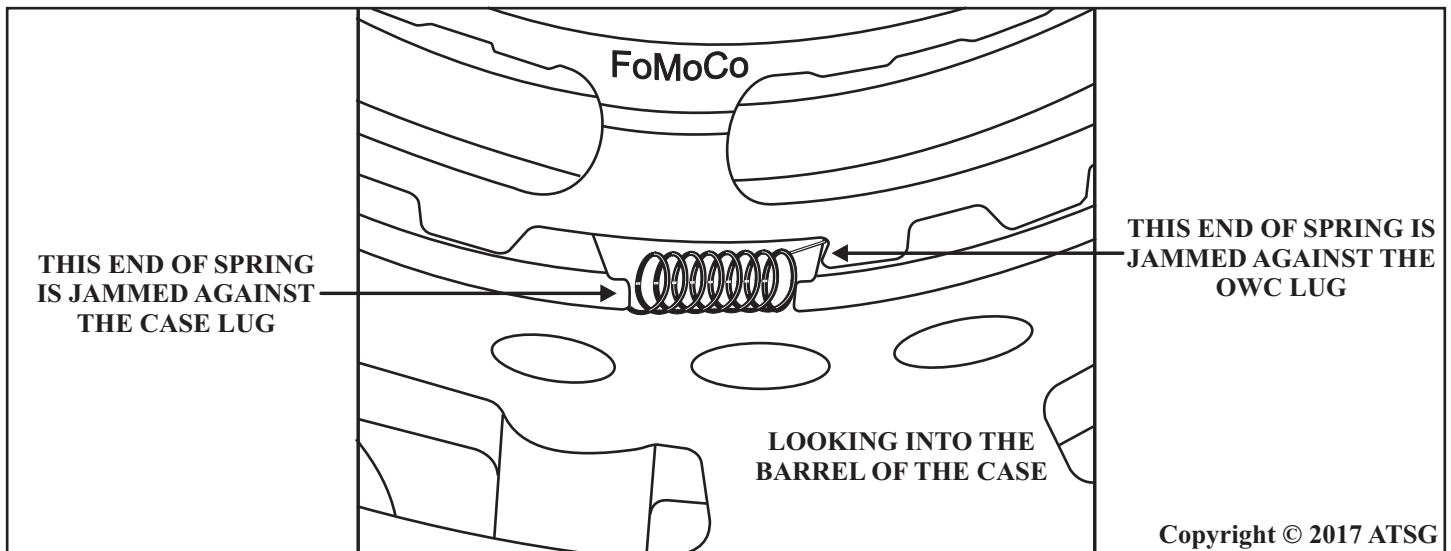


Figure 2