



FORD 5R110W "TorqShift" HARSH FORWARD ENGAGEMENT

COMPLAINT: After rebuild or repair, the vehicle exhibits a harsh forward engagement, or possibly a harsh engagement along with a soft mushy 1-2 shift.

CAUSE: The cause may be, the forward clutch orifice missing, or misplaced into the intermediate clutch feed instead of the forward clutch feed. (See Figure 1 and 2).

CORRECTION: Install the forward clutch feed passage, as shown in Figure 2. If the forward clutch orifice was missing, you will have harsh engagement into drive and the 1-2 shift will be OK. If you misplaced the forward clutch feed orifice into the intermediate clutch feed passage, you will have harsh engagement into drive along with soft 1-2 shift.

Note: *The reason the forward clutch feed orifice is needed is, the forward clutch is the only clutch pack that is not fed with a PWM solenoid. The forward clutch feed oil comes straight from the manual valve.*

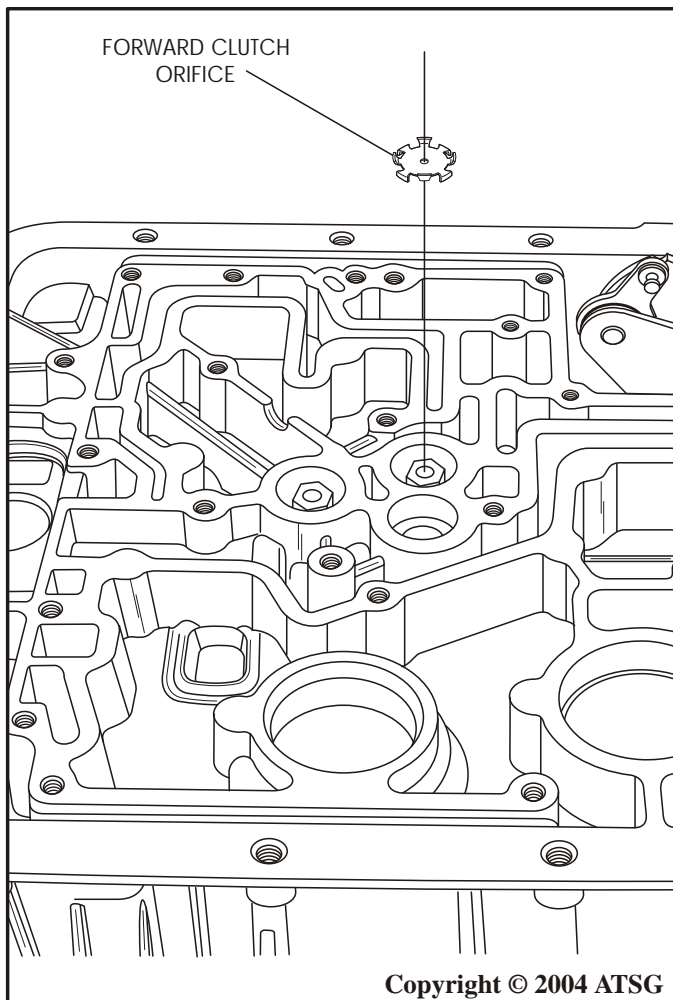


Figure 1

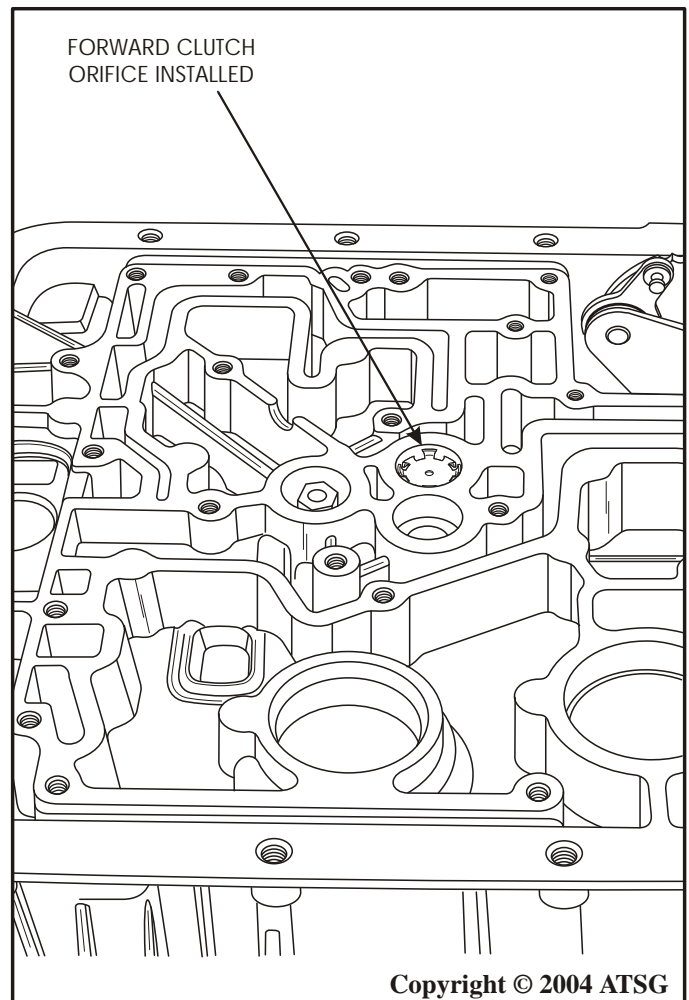


Figure 2