

4T80-E SLIPPING OR NO REVERSE

COMPLAINT: Before or after overhaul a vehicle equipped with the 4T80E automatic transaxle exhibits a complaint of Slipping or No reverse.

CAUSE: One cause may be the number six check ball in the lower valve body not seating in the valve body. There have been occasions where material would get in between the checkball and the valve body casting, keeping the ball from seating. If the number six check ball does not seal, oil pressure passes by the ball into the low/reverse band reducing chamber, this oil pressure will assist spring tension to keep the low/reverse servo from fully applying. See Figure 1 below for a brief circuit description.

CORRECTION: Remove the lower valve body and inspect the capsule for material, then repair or replace as necessary. Refer to Figure 2 for location of number six check ball capsule in the lower valve body.

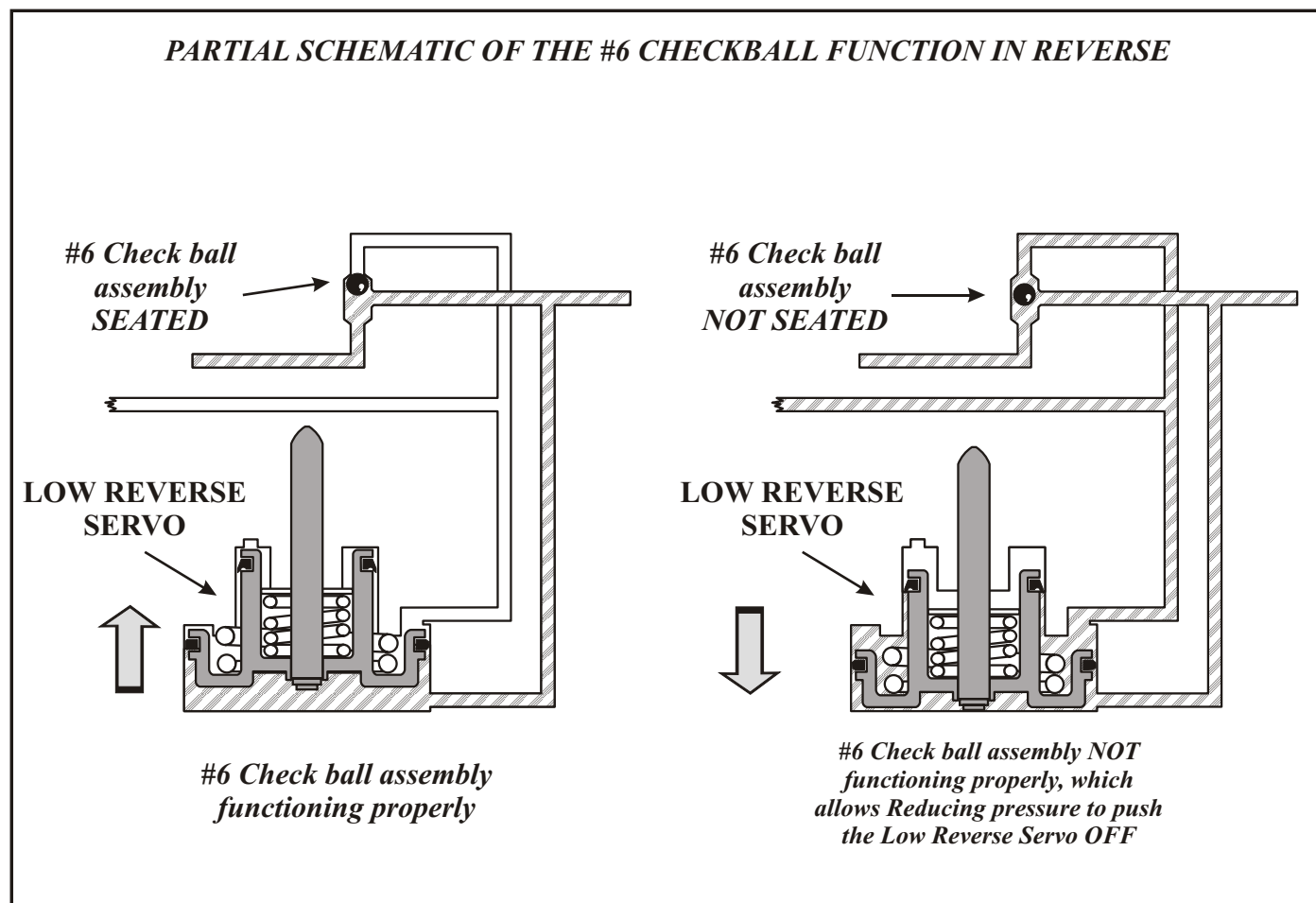


Figure 1

4T80-E SLIPPING OR NO REVERSE

#6 CHECKBALL LOCATION

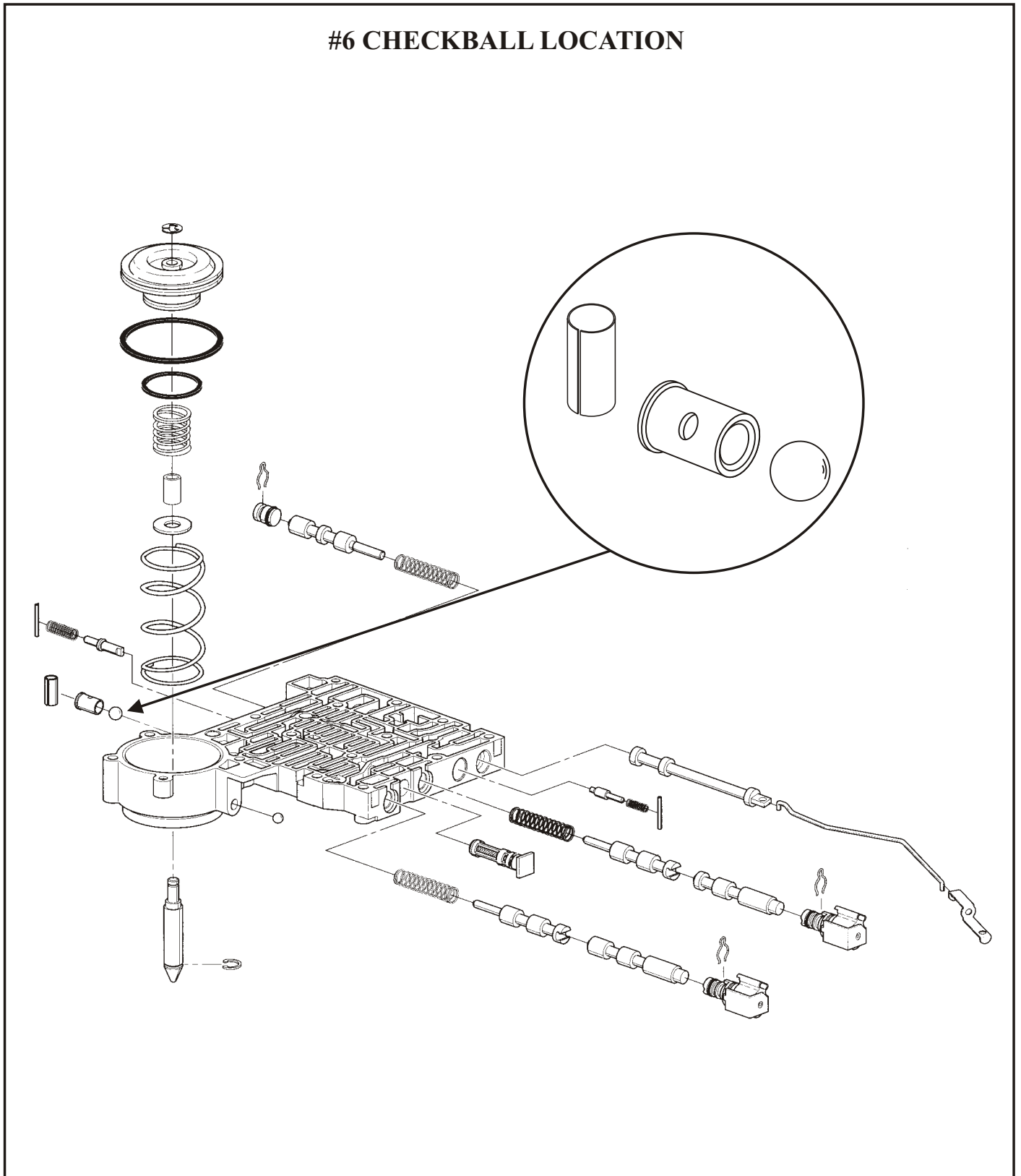


Figure 2