



Technical Service Information

THM 4T80-E NEW DESIGN SHIFT SOLENOIDS

CHANGE: All vehicles equipped with the THM 4T80-E transaxle are now being built with a new design level of Shift Solenoids. Shift Solenoid "A" and Shift Solenoid "B" previously had a "Tab" incorporated on the solenoid to retain the Shift Solenoid Feed Screen in the valve body, as shown in Figure 2. The Shift Solenoids are now manufactured without the "Tab" on the solenoid, and an additional bracket is used to retain the screen in the valve body, as shown in Figure 3. Previously General Motors has not serviced the Shift Solenoids, except on a complete valve body. The Shift Solenoids are now a service item from General Motors available under OEM part number 24207662 for the 2nd design solenoids only. There is also available under OEM part number 24211355, a service package that includes two 2nd design Shift Solenoids, a new bracket to retain the screen and a longer bolt for the new bracket, as shown in Figure 1.

REASON: Constant actuator feed oil pressure on the solenoid screen pushing on the "Tab" on the first design shift solenoids, would break the shift solenoid plastic neck. The new design Shift Solenoids will greatly increase durability of the solenoid.

PARTS AFFECTED:

- (1) SHIFT SOLENOID "A" AND "B" - Now manufactured without the "Tab" on the solenoid, as shown in Figures 2 and 3.
- (2) SOLENOID SCREEN BRACKET - Additional bracket added to retain the Shift Solenoid Screen in the valve body, as shown in Figure 3.
- (3) BRACKET BOLT - Longer bolt also included in service package part number 24211355 to accommodate the added bracket, as shown in Figure 1.

INTERCHANGEABILITY:

If you are servicing one of the previous design vehicles with the "Tab" on the Shift Solenoids, you must purchase service package part number 24211355, as the 1st design solenoids are not available. If you are servicing one of the 2nd design vehicles, you can now order just the Shift Solenoids "A" and "B" under Oem part number 24207662.

SERVICE INFORMATION:

Shift Solenoid "A" (2nd Design)	24207662
Shift Solenoid "B" (2nd Design)	24207662
Service Package (To Service 1st Design Level)	24211355
Solenoid Filter Retaining Bracket	24205848
Solenoid Filter Retaining Bracket Bolt	8680869
Solenoid Filter	8680389

CONTENTS OF SERVICE PACKAGE 24211355

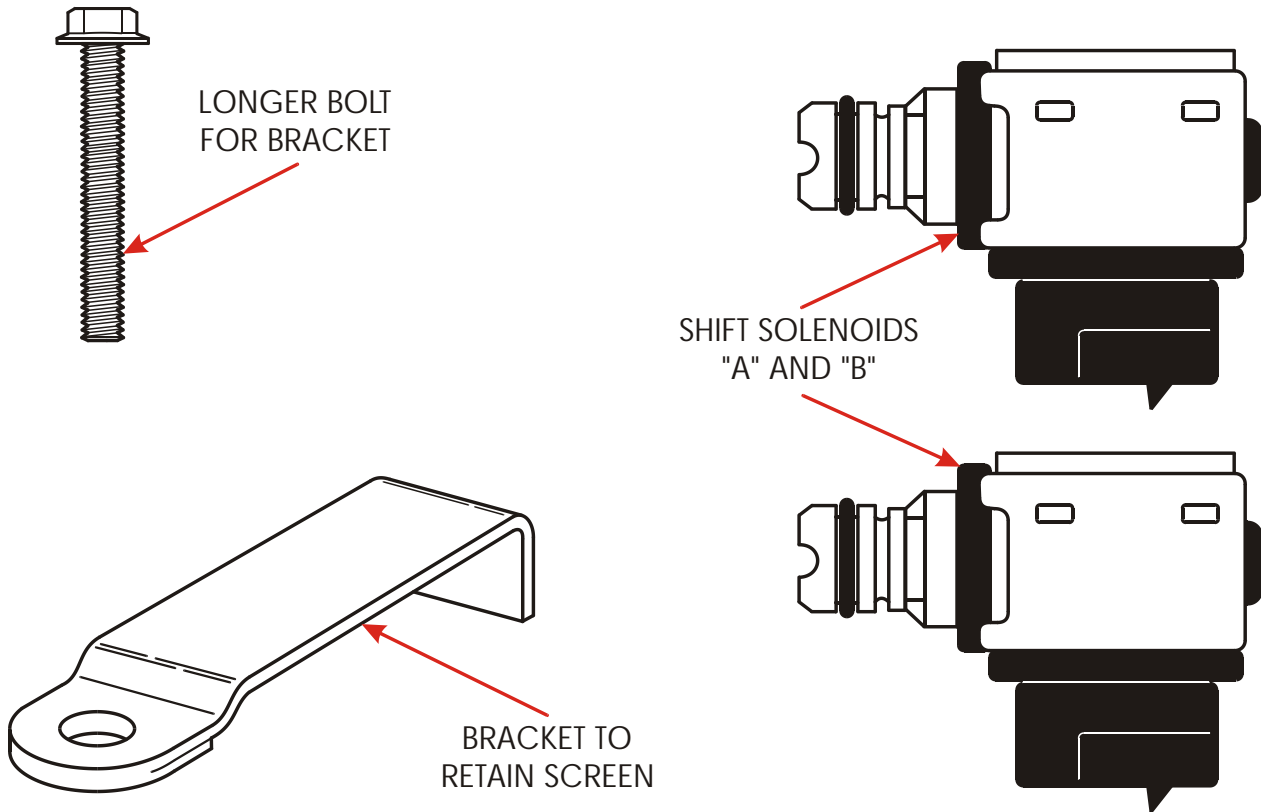


Figure 1

"1ST DESIGN" SHIFT SOLENOIDS

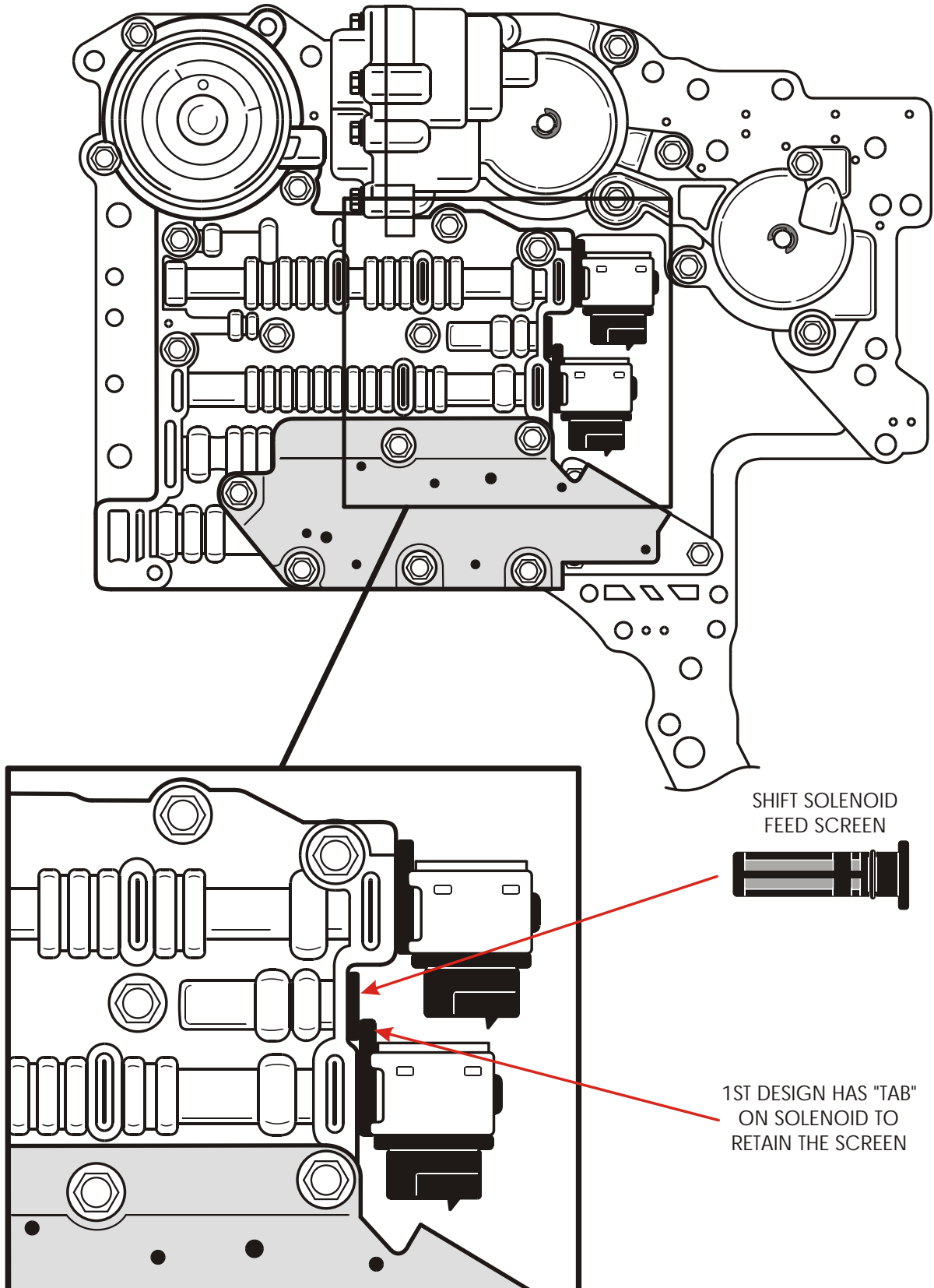


Figure 2

"2ND DESIGN" SHIFT SOLENOIDS

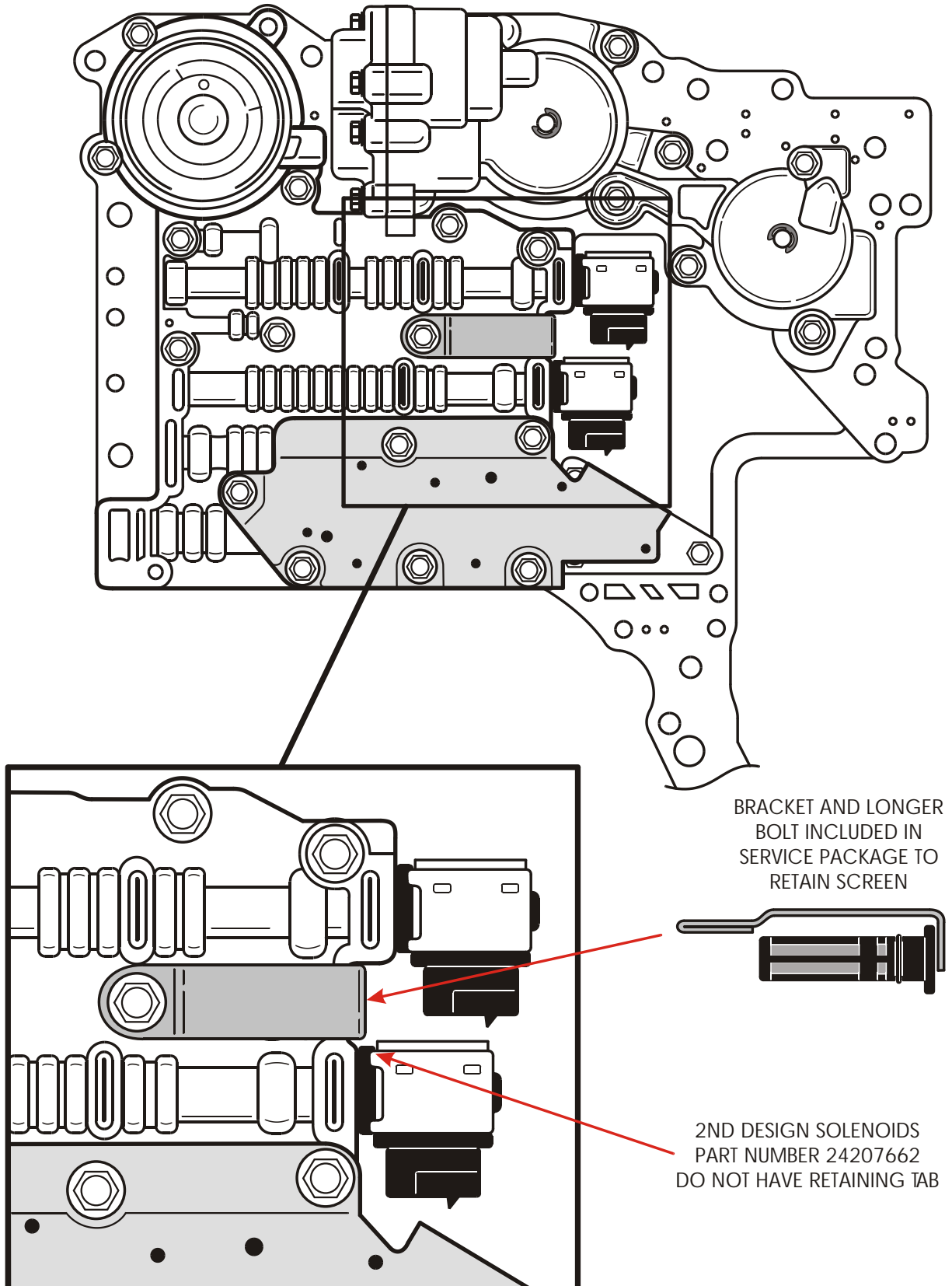


Figure 3