O-Ringed Accumulator Piston & Spring Kits

73840-24   (2-4 Clutch)
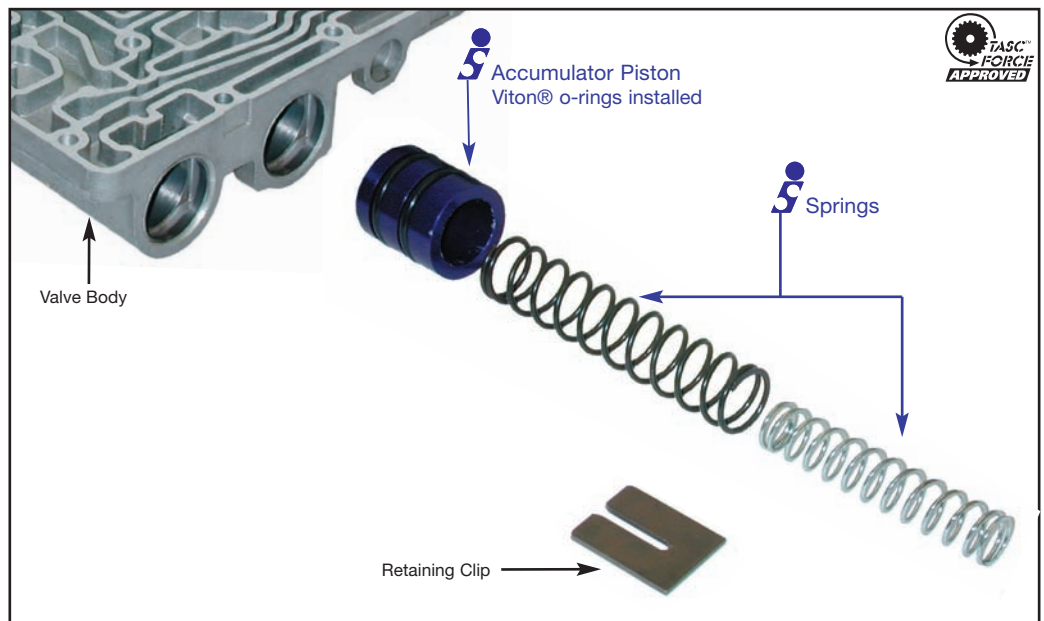
73840-LR   (Low/Reverse Piston)

73840-FWD   (Forward Piston)

Each includes the following

1 Accumulator Piston
2 Viton® O-Rings
Modified Springs
1 Rivet

More technical information is available at www.sonnax.com. Type in this part number under "Part Finder."

Accumulator Piston
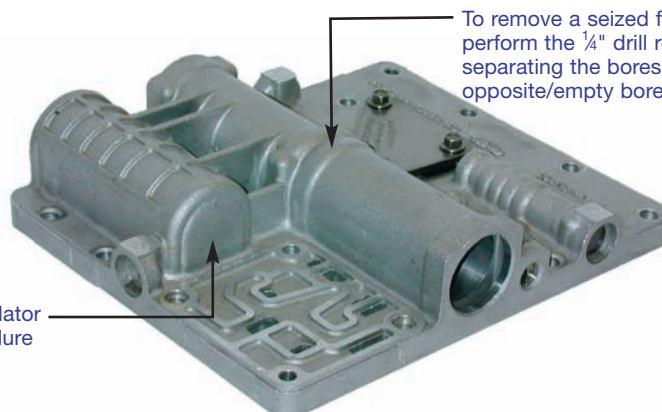Viton® o-rings installed

Springs

Valve Body

Retaining Clip

Installation Instructions

Each piston should be removed from the bore to visually check for excessive wear and/or worn bore ridges. Often the OEM pistons seize in the bore and cannot be pulled out or hydraulically pushed out due to out-of-round conditions. The most successful removal procedure for a stuck piston is to remove it from the opposite side (e.g., low/reverse is stuck, remove from forward piston bore).

1. To remove a seized forward or low/reverse piston, drill from the empty piston bore by drilling a ¼" hole through the end of the wall (approximately on center, but not critical, see illustration below).

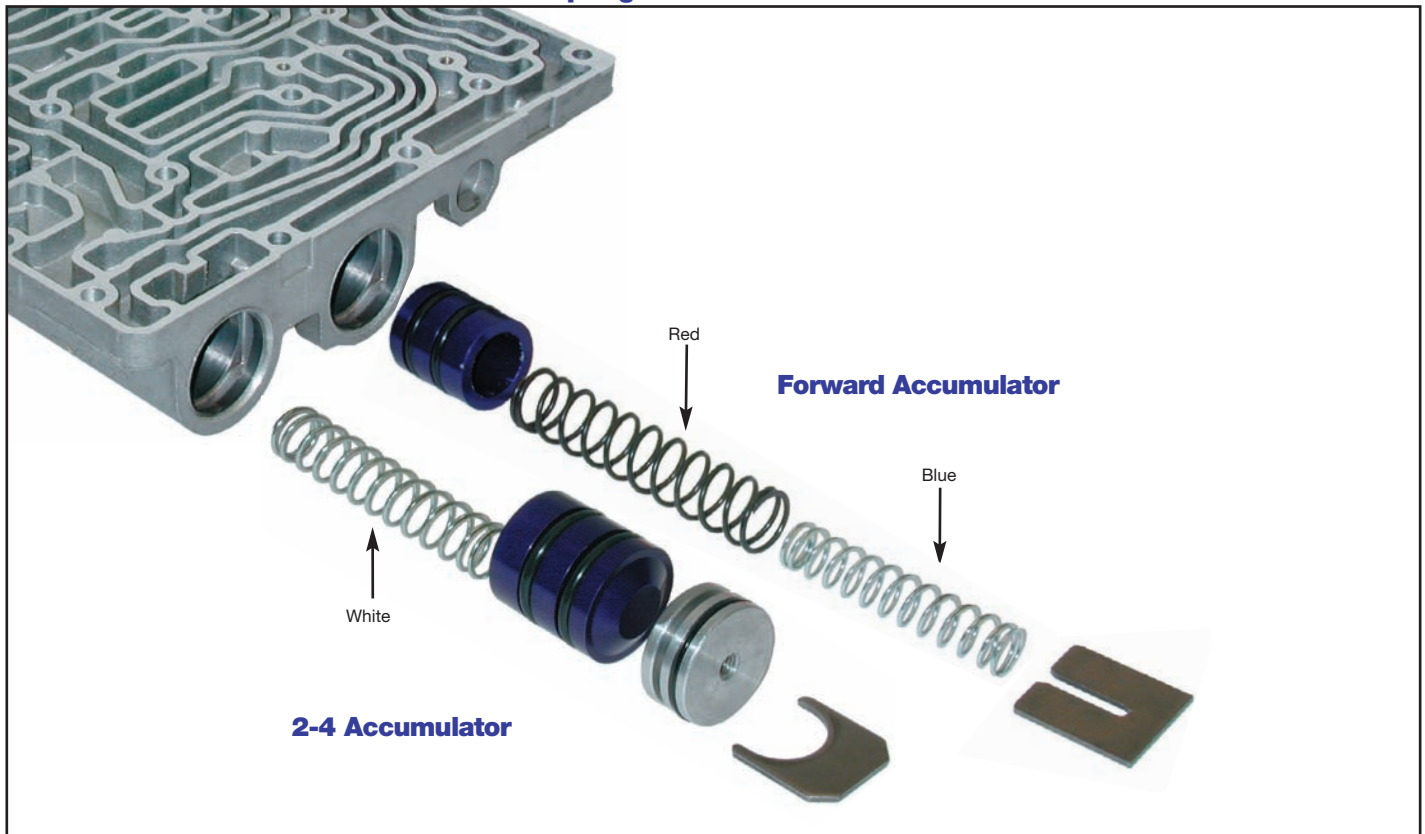2. To remove a seized 2-4 accumulator piston, drill through the end wall.

3. Drive out the seized piston mechanically (with a ¼" or smaller punch) or hydraulically, via the ¼" hole.

4. Install the enclosed ¼" large head aluminum rivet into the hole and peen over until flat and snug. Set a large diameter pin into a vise (1.00" to 1.20"). With rivet in place, put the valve body over the pin. Peen the rivet head until tight and flush. If the bore is badly worn or has ridges, before installing the Sonnax piston and springs, buff the bore with fine emery cloth and then with Scotchbrite™ to remove any ridges. Discard the OEM piston and springs. Remove any debris. Lubricate the bore. Place the two Viton® o-rings into the grooves on the piston and lubricate. Use the following photographs to ensure the proper replacement springs are installed and parts are properly oriented.

To remove a seized forward or low/reverse piston, perform the ¼" drill removal procedure. The wall separating the bores can be drilled from opposite/empty bore with pistons removed.

To remove a seized 2-4 accumulator piston, a ¼" drill removal procedure can be performed here, too.

PART NUMBERS 73840-24, -FWD, -LR

2-4 & Forward Accumulator Piston and Spring Orientation

Red

Forward Accumulator

Blue

White

2-4 Accumulator

Low/Reverse Accumulator Piston and Spring Orientation

Purple

Pink

Black

Low/Reverse Accumulator

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