

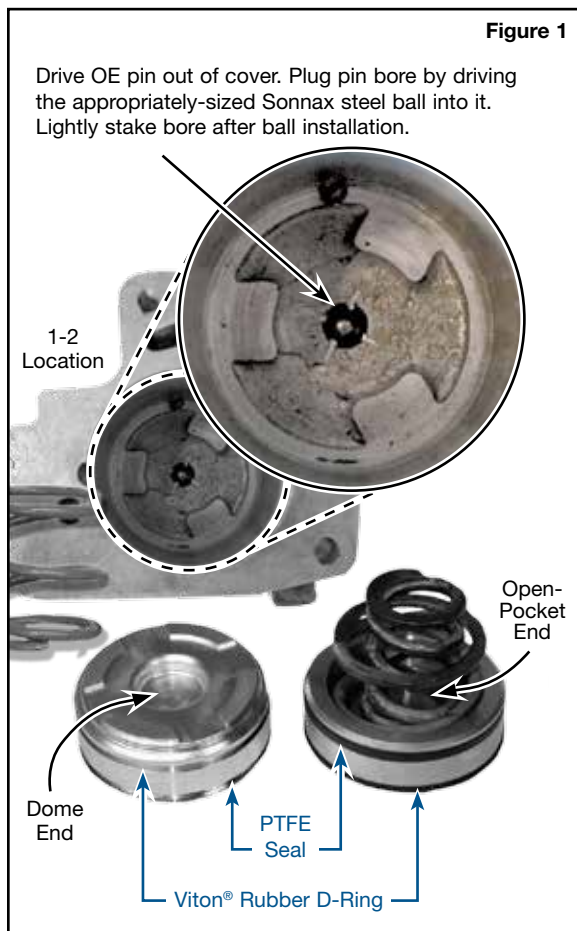
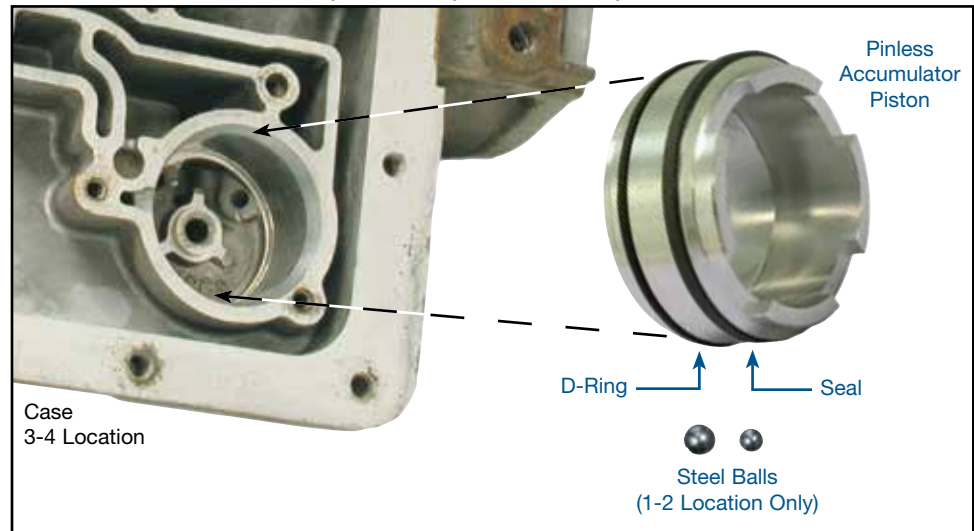
## Pinless Accumulator Piston Kit

**Part No.**  
**77998-03K**

- Pinless Accumulator Piston
- D-Ring, Viton®
- Seal, PTFE
- Steel Ball (1) .312" dia.
- Steel Ball (1) .236" dia.

Patent No. 6,899,211

## GM 200-4R, 4L60, 4L60-E, 4L65-E & 4L70-E



### 1. Disassembly

- Remove OE piston and spring from 1-2 or 3-4 accumulator bore. Discard piston, save spring for reuse.



**NOTE:** Some aftermarket shift kit springs do not fit properly into Sonnax pistons. In these cases, an OE spring must be sourced or Sonnax spring 74926 can be used.

- Remove and discard OE pin.
- For 1-2 location, plug pin bore by driving the appropriately-sized Sonnax steel ball into it. Lightly stake bore after ball installation (**Figure 1**).



**NOTE:** OE pin diameter varies. Install **ONLY** the Sonnax steel ball that corresponds to pin bore size. Discard unused steel ball.

- For 3-4 location, no steel ball is necessary as this is a blind hole.

### 2. Installation & Assembly

- Install Sonnax D-ring into groove at dome end.
- Install Sonnax PTFE seal into groove at open-pocket end.
- Continue installation as noted below:

#### '94-Earlier

- **3-4 Piston:** Install dome into case with spring in pocket.
- **1-2 Piston:** Install dome into accumulator body followed by spring.

#### '94-Later

- **3-4 Piston:** Install dome into case. Some units do not have a spring for 4th accumulator. If OE had a spring, install into piston pocket.
- **1-2 Piston:** Install spring(s) into accumulator body, set piston pocket opening onto spring, dome toward plate.

#### 200-4R (All)

- **3-4 Piston:** Install dome into case with spring in pocket.
- **1-2 Piston:** N/A.