**Pinless Accumulator Piston Kit**

**Part No.**
77998-03K

- Pinless Accumulator Piston
- D-Ring: Viton®
- Seal: PTFE
- Steel Ball: .312" dia.
- Steel Ball: .236" dia.

Patent No. 6,899,211

**NOTE:** In 200-4R applications, this kit can only be used in the 3-4 accumulator location.

---

**GM 200-4R, 4L60, 4L60-E, 4L65-E, 4L70-E**

1. **Disassembly**
   a. 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.

   b. Remove and discard OE pin.

   c. 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 diameters vary. Install ONLY the Sonnax steel ball that corresponds to pin bore size. Discard unused steel ball.

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

2. **Installation & Assembly**
   a. Install Sonnax D-ring into groove at dome end.
   b. Install Sonnax PTFE seal into groove at open-pocket end.
   c. 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.