

## Super Hold Servo Kits

### Part Nos.

**K65703** Cover: Red Anodized

**K65703-1** Cover: As shown

- Cover
- Piston
- Servo Pin
- Spacer
- Shim
- Spring
- E-clip
- O-Ring Seal Small, Not Shown
- O-Ring Seal Large
- Lip Seals (2)
- Seal Rings (2)

Patent No. 6,907,974 & 7,047,611

## Replacement Seal Kit

### Part No.

**65703-SK**

- O-Ring Seal Small, Not Shown
- O-Ring Seal Large
- Lip Seals (2)
- Seal Rings (2)

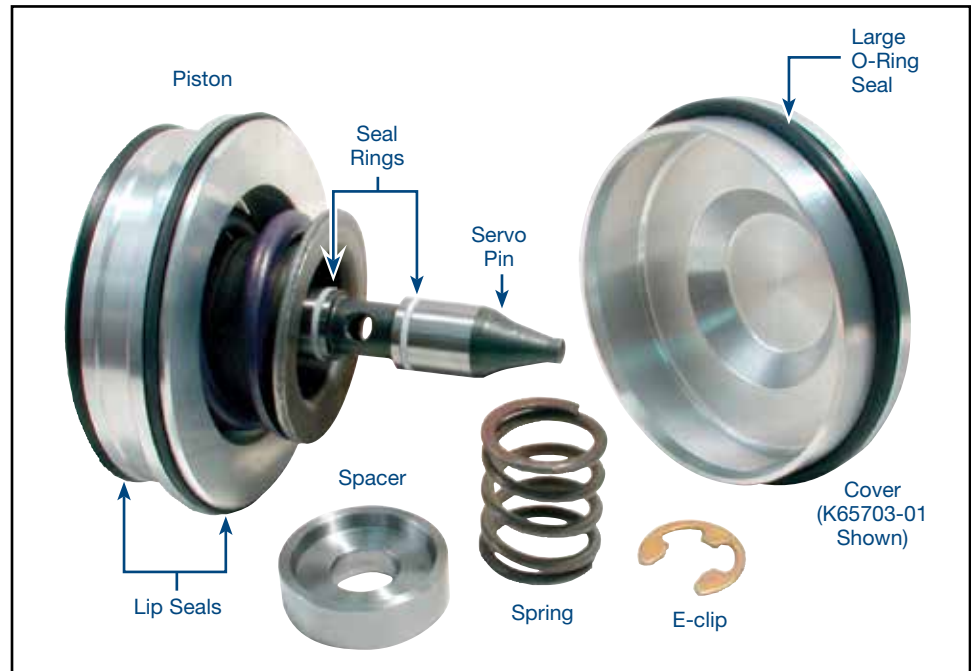
## Replacement Servo Pin Kit

### Part No.

**65703-14K**

- Servo Pin
- E-clip

## GM TH200, 200-4R, TH200C



### 1. Set Servo Pin Travel

- Remove OE servo assembly. Discard everything except springs and bell-shaped spring retainer.
- Assemble Sonnax servo pin, spacer, piston, E-clip and cover (**Figure 1**).

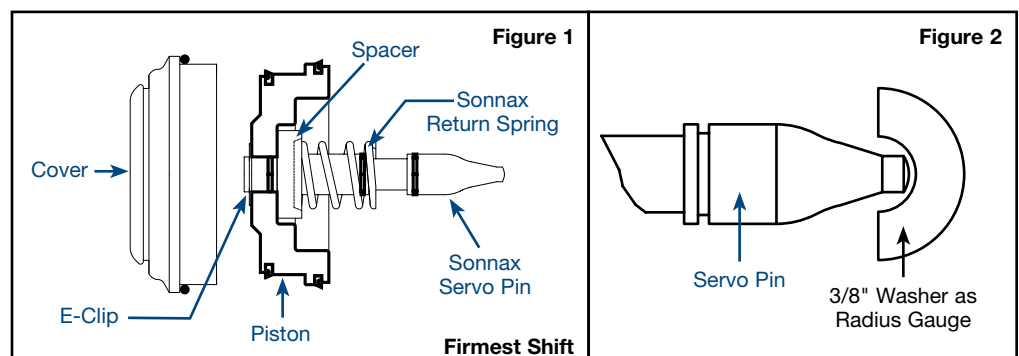


**NOTE:** Do not install any Sonnax seals or the large spring at this time.

- Place small return spring on pin, then install assembly with cover and retaining ring into case.
- Check servo travel by pushing on cover. Grind tip of servo pin as necessary to achieve desired travel (about .110").



**NOTE:** It is important to maintain the spherical tip radius when grinding the pin. The inner hole of a 3/8" flat washer cut in half makes a good gauge for this (**Figure 2**).



## 2. Select Servo Configuration

### Recommended Set-up Procedure

Install components as shown (**Figure 3**) reusing OE cushion spring and the bell-shaped spring retainer. Install Sonnax return spring and shim. Do not use thick spacer.

### For the Firmest Shift Set-up Procedure

For the firmest 1-2 and 2-3 shift, install the Sonnax solid spacer in place of the cushion spring with the bell shaped retainer (**Figure 1**).



**CAUTION:** Using the firmest shift setup can cause excessively hard shifts which lead to broken parts.

## 3. Install Servo

Install seals on pin, piston and cover. Lubricate with assembly gel and install servo assembly into case.

## 4. Air Test Servo

Leak test the 2nd apply and 3rd release sides of the servo with 1/4" O.D. tubing and a short piece of rubber vacuum line (**Figure 4**).

