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# TCI® 376005/376006 700R4/4L60E/4L65E Super Servo Instructions

## TCI® 376005 2<sup>nd</sup> SERVO KIT CONTAINS:

- 1 - 2<sup>nd</sup> apply piston
- 1 - outer piston
- 1 - retaining clip
- 1 - scarf cut 2<sup>nd</sup> apply piston seal
- 1 - outer piston o-ring
- 1 - servo cover piston o-ring
- 1 - 2<sup>nd</sup> apply piston washer
- 1 - return spring washer
- 1 - return spring

## TCI® 376006 4<sup>th</sup> SERVO KIT CONTAINS:

- 1 - servo cover
- 1 - 4<sup>th</sup> servo piston
- 1 - cushion spring
- 1 - 4<sup>th</sup> piston lip seal
- 1 - outer piston o-ring
- 1 - servo cover piston o-ring

### 376005 Installation



Remove stock servo from transmission. (Stretching or cutting the cover o-ring is necessary to remove the cover.) Disassemble the servo down to the apply pin.

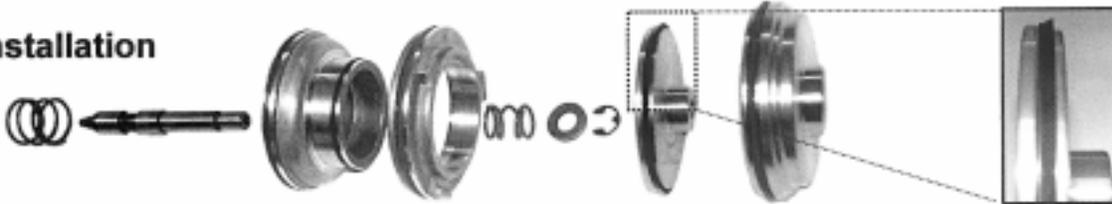
Press the supplied retaining clip into the slot on the apply pin. (See arrow.) Place the supplied, small diameter washer over the pin.

Install the scarf cut seal onto the 2<sup>nd</sup> apply piston and the green o-ring onto the outer piston. Slide the two pistons onto the servo pin as shown.

Install the small washer and E-clip to retain the pistons. Place a new blue o-ring onto the servo cover and be sure the seal on the 4<sup>th</sup> apply piston is in good condition. Install the 4<sup>th</sup> apply piston into the servo cover making sure that the long hub faces the cover.

Place the supplied, large diameter return spring washer over the band-side of the apply pin. Transmission assembly gel may be used to hold it in place. Install the supplied, red return spring over the band-side of the pin. Lubricate all seals and slide the servo assembly into the servo bore & reinstall the cover retaining ring.

### 376006 Installation



Remove stock servo from transmission. (Stretching or cutting the cover o-ring is necessary to remove the cover.) Disassemble the servo, leaving the 2<sup>nd</sup> apply piston on the apply pin. Compress the small cushion spring and carefully remove the E-clip and washer from end of apply pin. Replace the stock cushion spring with the supplied, blue spring and reinstall the washer and E-clip.

Carefully install the supplied, lip seal onto the new 4<sup>th</sup> apply piston. The detail view above shows the correct orientation of the lip. Install the 4<sup>th</sup> apply piston into the servo cover making sure that the long hub faces the cover. Be careful not to fold or nick the lip seal when working it into the cover. Place a new blue o-ring onto the servo cover.

Slide the assembly into the servo bore & reinstall the cover retaining ring.

### 376005 & 376006 Installation



Remove stock servo from transmission. (Stretching or cutting the cover o-ring is necessary to remove the cover.) Disassemble the servo down to the apply pin.

Press the supplied retaining clip into the slot on the apply pin. (See arrow.) Place the supplied, small diameter washer over the pin.

Install the scarf cut seal onto the 2<sup>nd</sup> apply piston and the green o-ring onto the outer piston. Slide the two pistons onto the servo pin as shown.

Install the small washer and E-clip to retain the pistons. Carefully install the supplied, lip seal onto the new 4<sup>th</sup> apply piston. The detail view above shows the correct orientation of the lip. Install the 4<sup>th</sup> apply piston into the servo cover making sure that the long hub faces the cover. Be careful not to fold or nick the lip seal when working it into the cover. Place a new blue o-ring onto the servo cover.

Place the supplied, large diameter return spring washer over the band-side of the apply pin. Transmission assembly gel may be used to hold it in place. Install the supplied, red return spring over the band-side of the pin. Lubricate all seals and slide the servo assembly into the servo bore & reinstall the cover retaining ring.

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