

## Pressure Regulator Valve Kit

### Pressure Regulator Valve Kit

#### 68942-07K

- 1 Pressure Regulator Valve
- 1 Inner Spring
- 1 Outer Spring

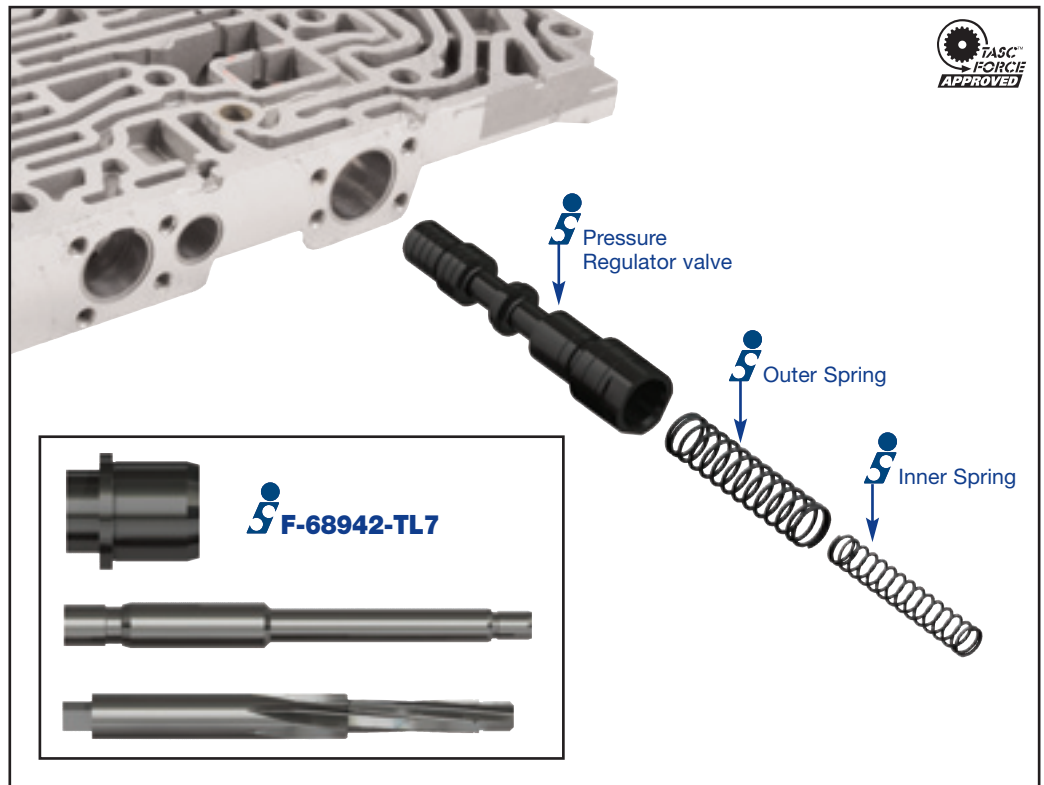


#### F-68942-TL7

- 1 Guide Pin
- 1 Reamer Jig
- 1 Reamer



**Note:** This sleeve will fit Chrysler 300 & 300C, '05-'07; Chrysler Aspen, '07; Chrysler Crossfire, '04-'07; Dodge Charger SRT, '06-'07; Dodge Magnum R/T, SXT, SRT-8, '05-'07; Dodge Nitro, '07; Dodge Sprinter Van, Diesel 2500-3500, '04-'07; Jeep Commander, '06-'07; and Jeep Grand Cherokee, Laredo and SRT-8, '05-'07.



#### Disassembly:

Disassemble the valve body and discard the OEM regulator valve and regulator spring.

#### Reaming Instructions:

1. Clean the bore thoroughly in a solvent tank.
2. Align valve body on fixture according to **VB-FIX** instructions using jig **F-68942-RJ2** and guide pin **F-68942-GP2**, then ream using **F-68942-RM2**.
3. With the reamer carefully and securely positioned, use a speed handle to ream the bore. The reaming action should be clockwise in a smooth and continuous motion, at approximately 1 to 1½ revolutions per second.
4. The reamer should pull itself through the bore, so little or no forward pressure should be applied to the reamer or speed handle.
5. Continue reaming until the tip of the reamer bottoms in the bore. Spin the reamer 5-10 more times after bore bottoming to allow for excess material removal and better surface finish.
6. Using low air pressure, blow the chips free before removing the reamer.

7. To remove the reamer, turn clockwise while slowly pulling outward on the reamer.

#### Cautions:

1. Never turn the reamer backward
2. Pushing on the reamer will result in poor surface finish, inadequate and sporadic material removal, and material being left un-reamed as the reamer exists the bore.
3. Blow free any chips from the reamer after each use.
4. Never use a crescent wrench, t-handle or ratchet to turn the reamer.

#### Installation:

1. Thoroughly clean the valve body.
2. Install the Sonnax pressure regulator valve.
3. Install the Sonnax inner pressure regulator spring.
4. Install the Sonnax outer pressure regulator spring.
5. Install the OEM valve retaining plate. Use care to align the springs with the bore when installing the retaining plate to prevent side loading of the springs.