

#6L80-CLR-BYPASS

Cooler Bypass Delete Kit

Fits: 6L80, 6L90 2014-on, 8L90 2015-on, Allison 2017-19



Corrects/Prevents/Reduces:

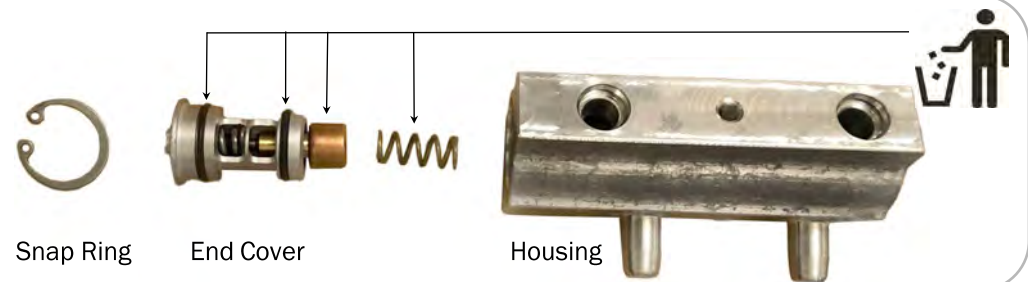
- Provides all-time cooler flow regardless of temperature
- Prevents overheating
- Reduces transmission fluid temperature
- Eliminates thermostatic assembly
- Allows you to accurately check fluid level immediately after install without having to wait or go through a warm-up cycle

Kit Includes:



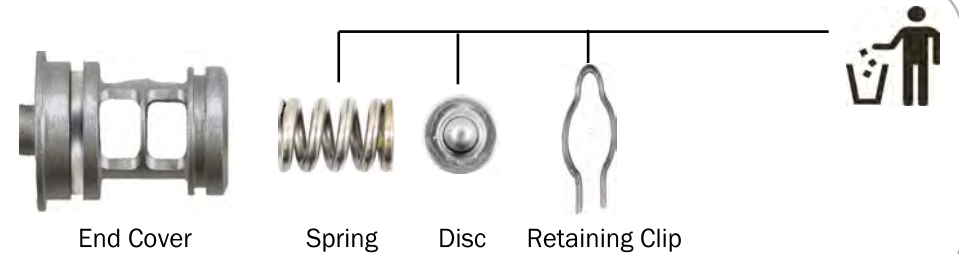
STEP 1

- Disassemble the cooler bypass block
- Clean any corrosion in snap ring groove on housing
- Discard both O-rings, thermostat and spring
- Clean and save the snap ring, end cover and main housing.



STEP 2

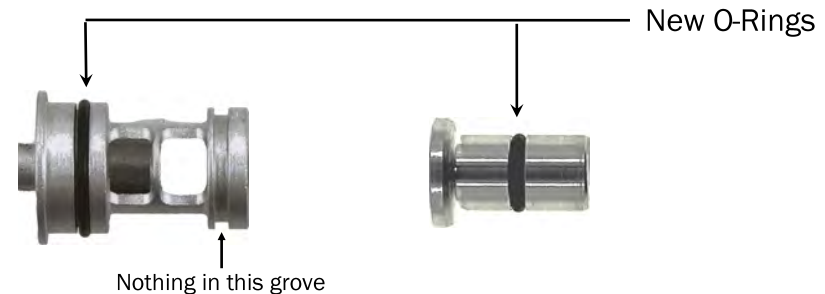
- Using pliers, pull the retaining clip out from the end cover
- Discard the spring, disc and clip



STEP 3

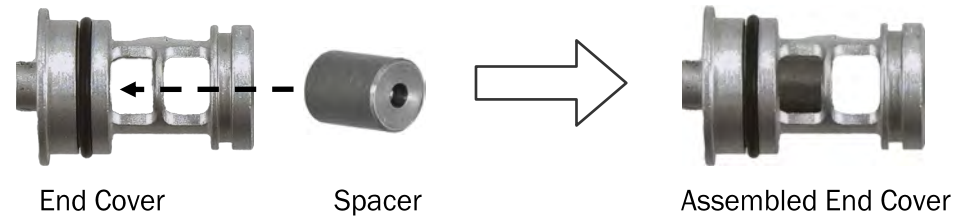
Two O-rings are provided.

- Install small O-ring on the new bypass plug
- Install large O-ring on outer end of the original end cover (No O-ring is installed on small end!)



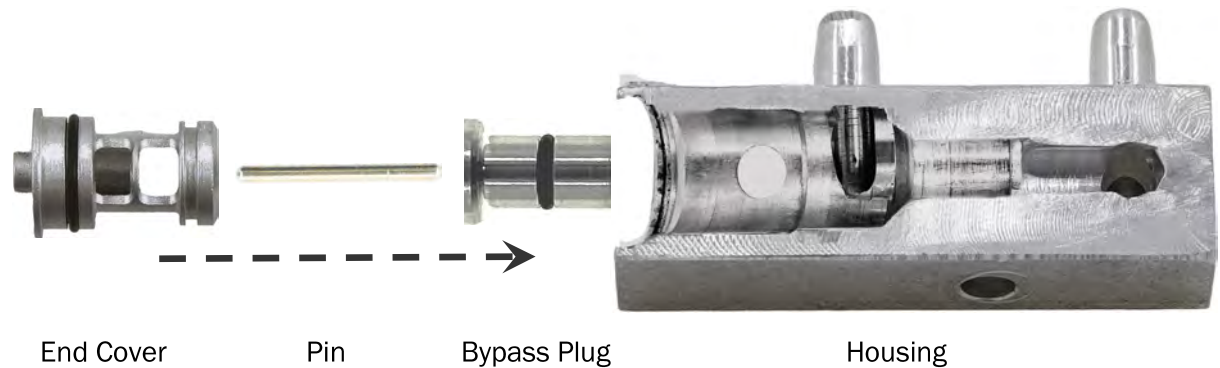
STEP 4

Use a dab of assembly gel on the blank end of the new steel spacer. Insert spacer into the end cover so that the pin hole end is still visible as shown.



STEP 5

- Lube and insert new bypass plug into housing
- Insert new pin into new bypass plug
- Lube and insert end cover with new spacer into housing so that the pin enters the hole in the spacer



STEP 6

Install the retaining snap ring in the housing groove.

