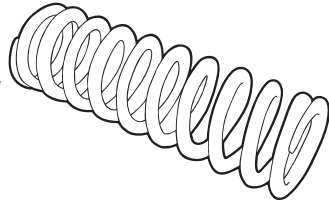


Allison 1000 series 2001 - 2010
Pressure Calibration Kit
Installation Guide

Part# 128041000

KIT INCLUDES:

(1) Pressure Regulator Valve (PRV) Spring



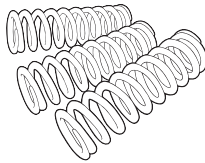
(1) .1275" Shim



(1) .047" Drill Bit

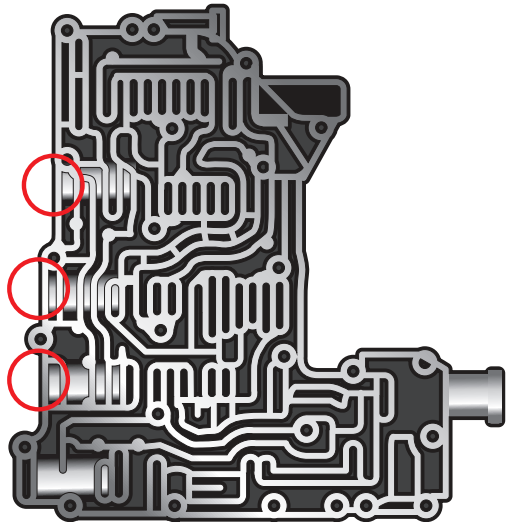
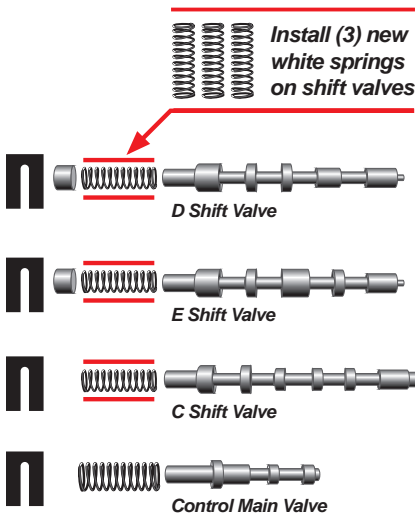


(3) White springs



A sticking E Shift Valve can cause Code P1711 or P0872 to be displayed.

Shift Valve Body



STEP 1:

Install the three PPE white springs on to the D, E and C Shift Valves.

BORE CLEANING:

Hacksaw slot in brake line tubing. Then insert a strip of 180 grit wet or dry sandpaper. Spin (by hand) inside the bore to remove high spots.

Check by freezing Shift Valve Body for one half-hour. If valves remain free the installation will perform properly in the truck.

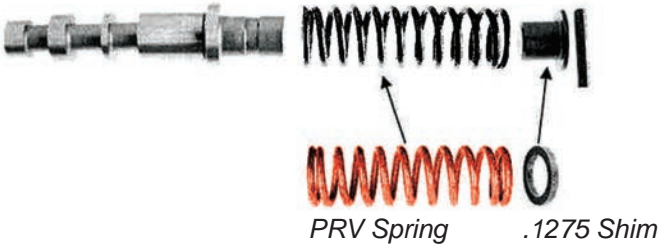


★ STEP 2:
The new orange PPE Pressure Regulator Valve Spring replaces the old factory spring. For applications with power output over 800 HP install the .1275" Shim provided.

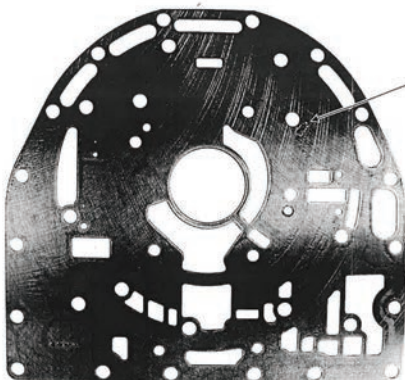
Note: Race applications with PRV Spring and Shim installed will have higher working pressures, and experience faster pump and ring wear.

Note:
If removal of the Pressure Relief Valve is difficult, use factory tools: J24459-5, J43770, J43773.

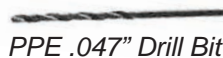
Main Regulator Valve



Pump Separator Plate



★ STEP 3:
Enlarge the oil feed hole, as indicated above, using the supplied .047" drill bit.



PPE .047" Drill Bit