

## Boost Valve & Sleeve

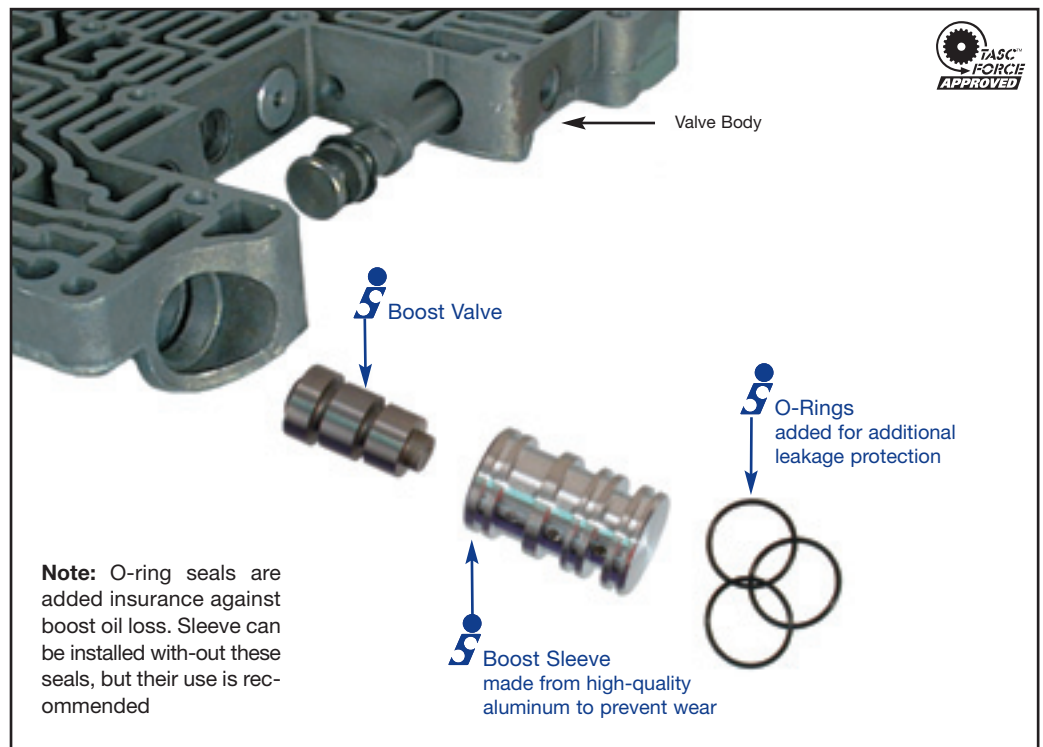
### 76990K

1 Boost Valve  
1 Boost Sleeve  
3 O-Rings

Also Available

**76999-SML**  
**76999-MED**  
**76999-LRG**

End Plug Kits



### Wet Air Test (see illustration)

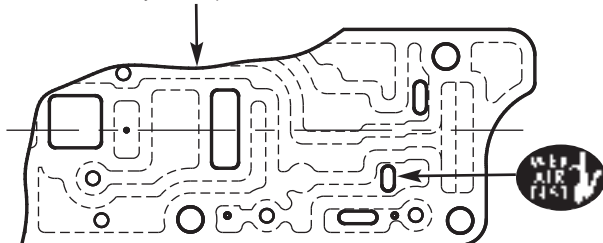
Perform a Wet Air Test on the original parts to determine if excessive leakage is occurring. To Wet Air Test the pressure boost valve and sleeve assembly, the separator plate must be installed. Place a small amount of oil into the indicated orifice. Follow this oil with low air pressure. Excessive leakage should not occur at exhaust, where the springs are visible on the reverse side of the valve body.

### Installation Instructions

1. If there is excessive leakage, remove the original pressure regulator boost valve and sleeve from the valve body and discard them.
2. Put the three o-rings into the grooves on the outside diameter of the replacement sleeve. Roll the boost sleeve across a flat surface to size the rings.
3. Lube the replacement valve and sleeve. Place the boost valve into the sleeve, small end first. Push this assembly into the valve body bore with a slight twist, just far enough to return the retaining clip to the sleeve groove.

Plunger  
Excessive oil leakage should not occur where the springs are visible on the reverse side of the valve body.

Valve Body with Separator Plate



Valve Body Cross Section AOD Boost Valve & O-Ringed Sleeve Kit

