

## COMPLAINT

SECONDARY COMPLAINTS

## Soft shifts, poor line rise

- Poor reverse boost • 2nd and /or 3rd clutch distress

## CAUSE

Worn and leaking boost sleeves.

## CORRECTION

These four replacement boost valve kits provide more sealing area with sleeves and valves made from high-quality hardened steel to prevent excessive wear.

## Modulated Line Boost Valve & Reverse Boost Valve Kits

Modulated Line Boost Valve Kits

**84754-12K** Low Ratio

**84754-17K** High Ratio

Each kit includes the following

- 1 Modulated Line Boost Valve
- 1 Modulated Line Boost Sleeve
- 1 Modulated Line Boost Spring

Reverse Boost Valve Kits

**84754-14K** Low Ratio

**84754-19K** High Ratio

Each kit includes the following

- 1 Reverse Boost Valve
- 1 Reverse Boost Sleeve
- 1 Reverse Boost Spring

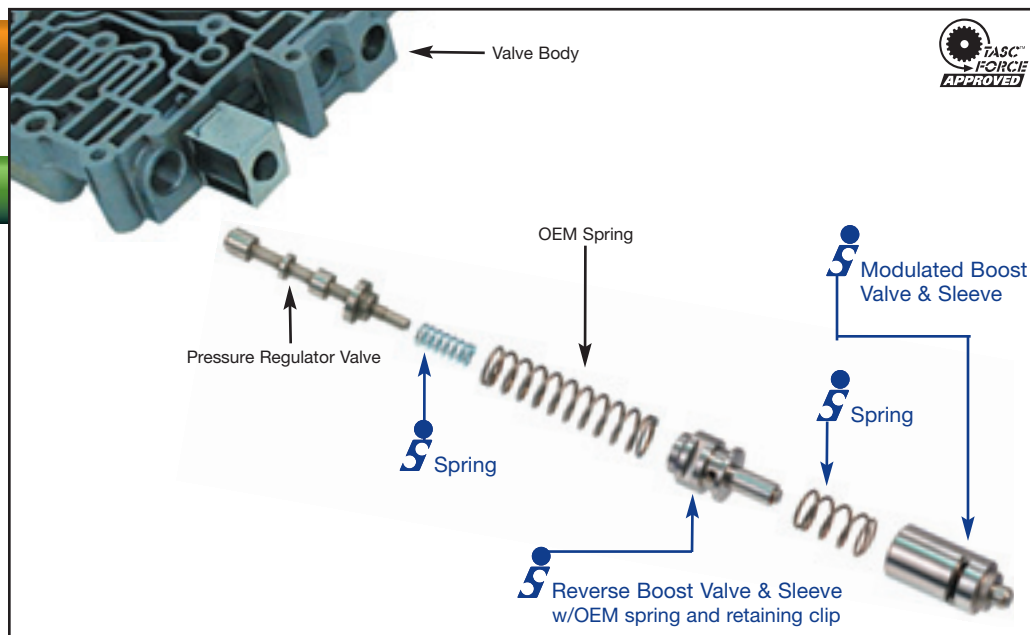
Reverse & Modulated  
Line Boost Valve Kits

**84754-24K** Low Ratio

**84754-25K** High Ratio

Each kit includes the following

- 1 Modulated Line Boost Valve
- 1 Modulated Line Boost Sleeve
- 1 Modulated Line Boost Spring
- 1 Reverse Boost Valve
- 1 Reverse Boost Sleeve
- 1 Reverse Boost Spring

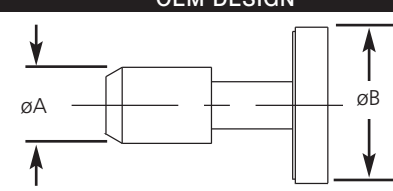
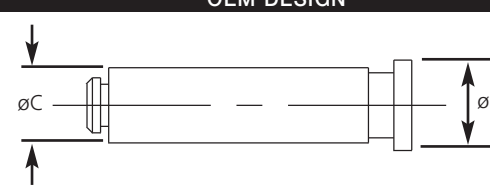


### Sonnax Part Summary

Vehicles with 4T60 or 4T60-E transmissions often exhibit such problems as poor line rise, soft shifts, poor reverse boost, and/or 2nd and 3rd clutch distress. These problems can often be caused by worn and leaking boost sleeves. The OEM boost valve spools have very narrow contact surfaces within the sleeves, which contribute to the leakage.

### Features & Benefits

- Sleeves and valves are made from high-quality, hardened steel to resist wear.
- Valve spools have been lengthened considerably to provide more sealing area with the sleeves.
- Both kits include a replacement spring to provide proper calibration for the lengthened valve spools.
- Combined kits **84754-24K** & **84754-25K** allow replacement of all items together.

MTV BOOST VALVE OEM DESIGN		REVERSE BOOST VALVE OEM DESIGN	
			
<b>Low Boost Ratio</b>		<b>High Boost Ratio</b>	
<b>øA</b>	.276"	<b>øA</b>	.199"
<b>øB</b>	.567"	<b>øB</b>	.567"
<b>øC</b>	.273"	<b>øC</b>	.293"
<b>øD</b>	.328"	<b>øD</b>	.348"
Sonnax Kit No. <b>84754-12K</b>		Sonnax Kit No. <b>84754-17K</b>	
Sonnax Kit No. <b>84754-14K</b>		Sonnax Kit No. <b>84754-19K</b>	

**Note:** MTV & reverse boost assemblies can be swapped to achieve varied boost rates.