

COMPLAINT

SECONDARY COMPLAINTS

Harsh reverse engagement

- Soft upshifts (especially 1-2) • Low line rise, forward or reverse

CAUSE

Bore wear near the small valve causes harsh or delayed reverse depending on the location and severity of the leak, and the temperature wear near the end plug causes soft shift quality and low line rise.

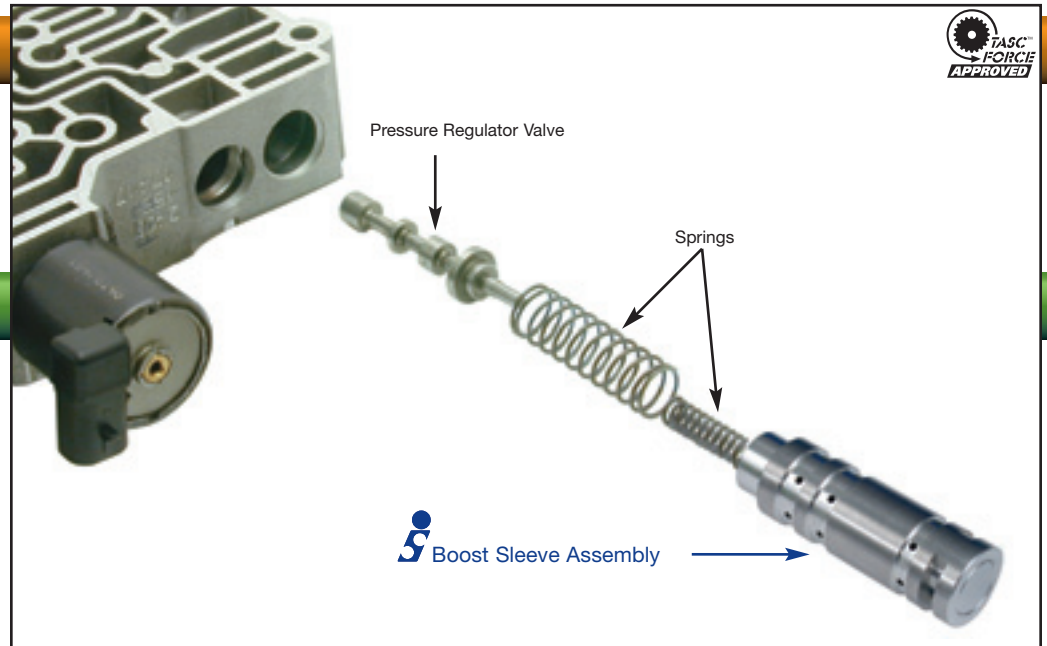
CORRECTION

The replacement boost sleeve delivers oil 360° around the valve, reducing side load. Also the surface contact of the spools is greater, which improves durability and reduces oil loss.

Boost Valve & Sleeve Kit

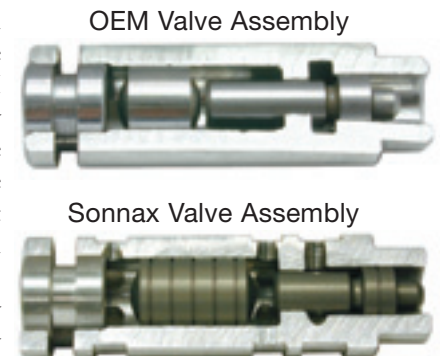
84754-30K

1 Boost Sleeve Assembly
Note: U.S. Patent No. 6,832,632



Sonnax Part Summary

Vehicles with a 4T65-E transmission often exhibit such problems as soft upshifts (especially 1-2), delayed reverse and low line rise. This can be traced to wear of the OEM boost sleeve assembly. The OEM boost sleeve assembly consists of 2 steel valves and a steel plug that reside in the boost sleeve. The steel valves wear the aluminum sleeve and allow leakage of boost pressure. The OEM boost sleeve assembly is not serviceable separately from OEM, which forces the purchase of a new and expensive valve body. Sonnax now offers an upgraded boost sleeve assembly **84754-30K** to replace the worn OEM parts and allow the OEM valve body to be used and restore the hydraulic integrity of the circuit.



Features and Benefits:

- Valves are made of hard-anodized aluminum for better wear resistance.
- Valves are designed to increase oil lubricity, center the valves and increase longevity.
- Line boost valve is longer than the OEM valve to increase wear surface area.
- Sleeve is made of highly wear-resistant aluminum and has been designed with oil channels to evenly distribute boost valve oil.
- Kit is a drop-in replacement and requires no machining.

Save \$150 in valve body replacement costs