



26949-03K

C4 HIGH PERFORMANCE BOOST VALVE KIT

H I G H P E R F O R M A N C E T R A N S M I S S I O N P A R T S

APPLICATIONS:

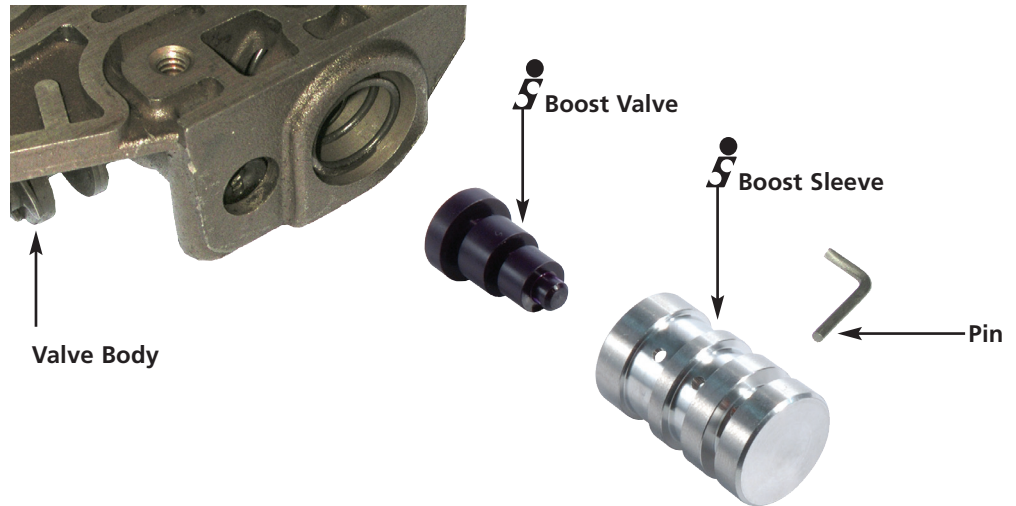
- C4

COMPLAINTS:

- Soft shifts; low line pressure
- Erratic shift timing
- Reverse shudder
- Direct clutch failure

DETAILS:

- Sleeve manufactured from highly wear-resistant aluminum to prevent wear
- Hard-coat anodized valve provides better hydraulic seal during thermal expansion and resists wear
- Valve spool ratios have been modified to provide higher line pressure for increased performance



PART SUMMARY

The reciprocating action of the hardened steel boost valve within the aluminum sleeve eventually leads to wear. This wear allows TV and reverse pressures to cross leak or exhaust, which can result in soft shifts, low line pressure, reverse shudder, erratic shift timing and/or direct clutch failure. Additionally, these older C4 transmissions could benefit from increased line pressure when being used in performance applications.

The Sonnax replacement assembly provides a wear-resistant aluminum sleeve and hard-coat anodized valve for better sealing at increased operating temperatures. Additionally, the valve spool ratios have been modified to provide increased line pressures at heavier throttle (see chart) for performance applications.

Part No.

26949-03K

1 Boost Sleeve

1 Boost Valve

Sonnax vs. OEM

