

COMPLAINT

SECONDARY COMPLAINTS

Converter apply/release issues

- Excess slip RPM • Cycling TCC RPM • Excessive release pressure

CAUSE

Wear at the TCC control valve sleeve and limited contact area at the outer large spool bore allows line pressure leakage, preventing the valve from staying in the applied position.

CORRECTION

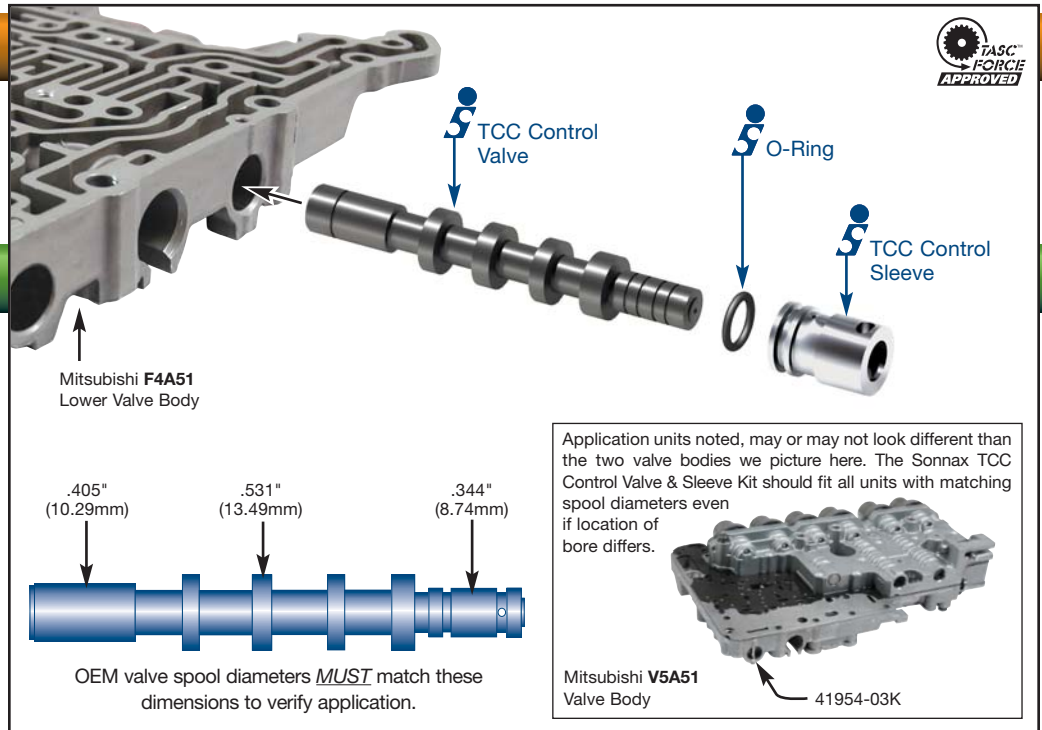
The Sonnax drop-in replacement TCC control valve and sleeve provide significantly more hydraulic sealing capability with enhanced designs, and prevent future wear with upgraded materials.

TCC Control Valve and Sleeve Kit

41954-03K

- 1 TCC Control Valve
- 1 TCC Control Sleeve
- 1 O-Ring

***Note:** May be used in Mitsubishi F4A41/42/51, R4/V4A51, R5/V5A51, F5A51, A5HF1 & A5GF1; 1996 - Up. However, OEM valve spool diameters **MUST** be measured to verify application.



Mitsubishi F4A51 Lower Valve Body

.405" (10.29mm) .531" (13.49mm) .344" (8.74mm)

OEM valve spool diameters **MUST** match these dimensions to verify application.

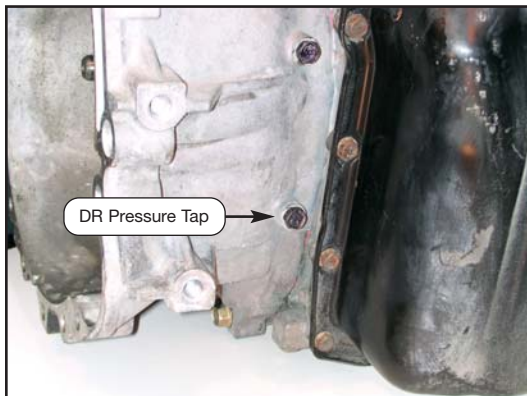
Application units noted, may or may not look different than the two valve bodies we picture here. The Sonnax TCC Control Valve & Sleeve Kit should fit all units with matching spool diameters even if location of bore differs.

Mitsubishi V5A51 Valve Body 41954-03K

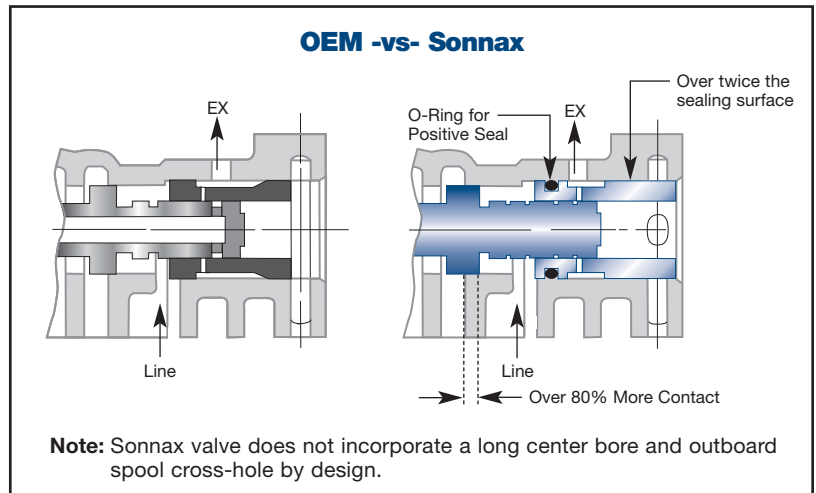


Features & Benefits

- Drop-in solution - no special tools necessary.
- Hard-coat anodized aluminum valve with numerous annular grooves resists wear and properly centers valve for best hydraulic sealing integrity.
- Highly wear-resistant alloy aluminum sleeve incorporates an o-ring to provide positive sealing against valuable line pressure leakage to exhaust.
- Critical valve spools lengthened by almost 15%.
- Over 80% more sealing contact area at the outboard line port area during TCC apply.
- Critical outside diameter of sleeve provides over twice as much sealing capacity.



To verify complaint: With gauge on DR pressure tap, damper release pressure should drop and remain at -0- when in full TCC apply.



Note: Sonnax valve does not incorporate a long center bore and outboard spool cross-hole by design.