

Hyundai/Kia A5GF1, A5HF1; Mitsubishi F4A41/42/51, F5A51, R4/V4A51, R5A51, V5A51

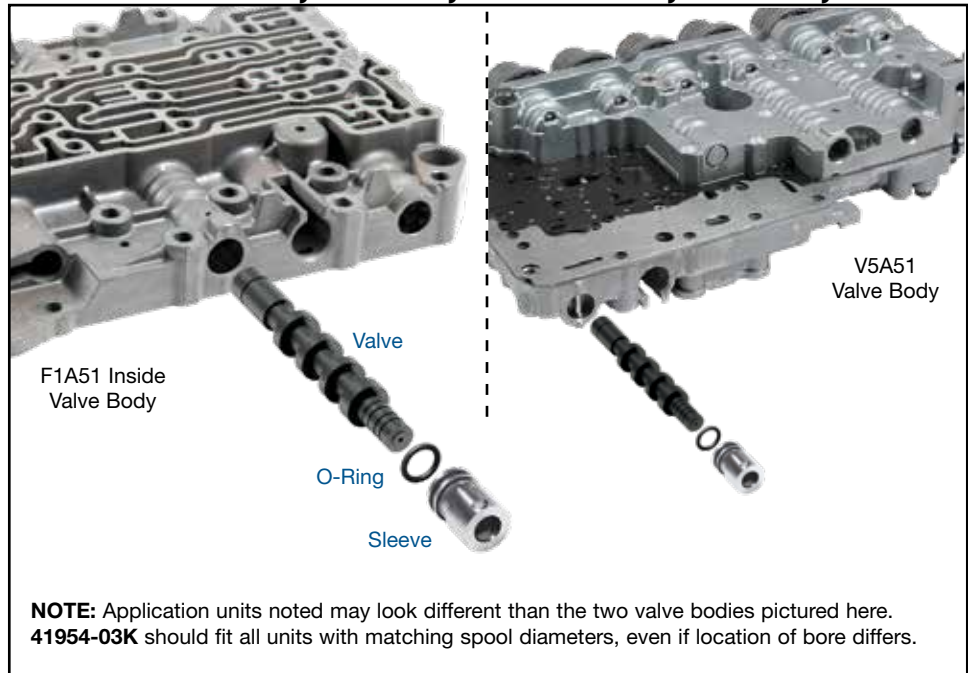
TCC Control Valve Kit

Part No.

41954-03K

- Valve
- Sleeve
- O-Ring

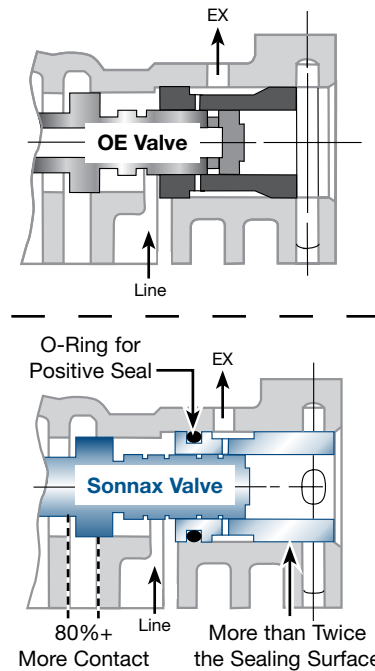
NOTE: Replaces OE valves with .405", .531" & .344" spool dia. Application units noted may look different than the two valve bodies pictured here. 41954-03K should fit all units with matching spool diameters, even if location of bore differs.



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Figure 1

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



1. Disassembly

- Remove OE bore lineup.
- Verify valve diameters, discard sleeve and valve (Figure 2).
- Save OE spring and retaining pin for reuse.

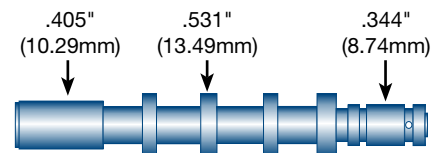
2. Assembly & Installation

- Insert OE spring into replacement valve spring pocket.
- Place Sonnax O-ring into inboard sleeve groove, lube and roll on bench to size.
- With retaining pin hole in sleeve properly oriented with casting pin hole, push sleeve into bore and over valve spool gently.
- Insert OE retaining pin through casting and sleeve holes to secure.

3. Final Testing

With gauge on DR pressure tap, damper release pressure should drop and remain at zero when in full TCC supply (Figure 3).

Figure 2



OE valve spool diameters MUST match these dimensions to verify application.

Figure 3

