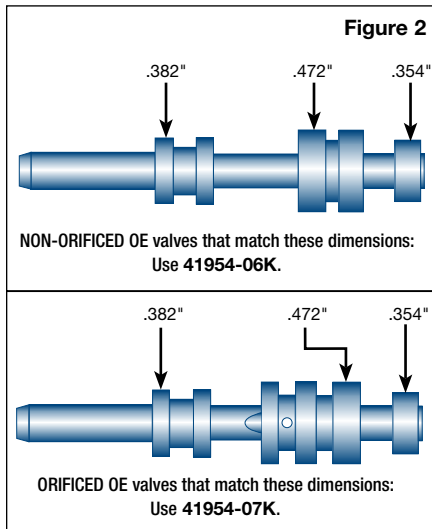
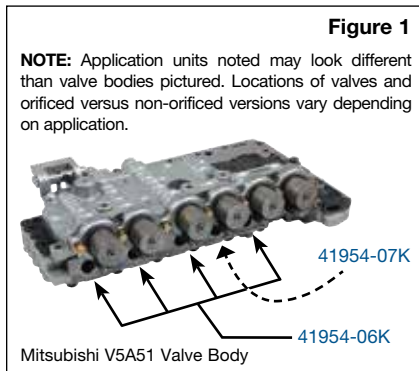
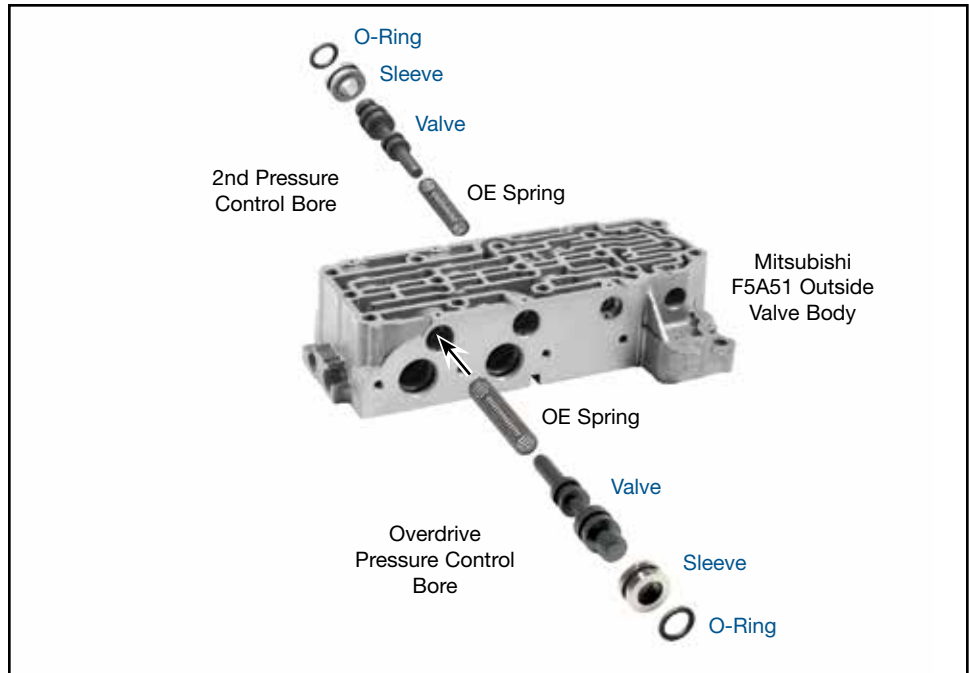


Pressure Control Valve Kit

Part No.
41954-06K

- Valve Non-Orificed
- Sleeve
- O-Ring

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



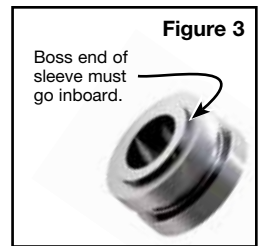
CAUTION: After determining whether orificed or non-orificed OE valve is equipped, OE valve spool diameters must be measured to verify correct application (**Figure 2**).

1. Disassembly

- Remove OE retaining pin, sleeve, valve and spring. Set aside spring and pin for reuse.
- After verifying spool sizes (**Figure 2**), discard OE sleeve and valve.

2. Installation & Assembly

- Install OE spring over Sonnax valve spring stem.
- Insert spring/valve assembly into bore, spring end first.
- Place O-ring into groove of Sonnax sleeve. Lubricate and roll on bench to size O-ring into groove.
- Install sleeve into bore and over valve spool with boss inboard as illustrated (**Figure 3**).
- Reinstall OE retaining pin.



3. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg (**Figure 4**).

