

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

### Pressure Control Valve Kit

#### Part No.

# 41954-07K

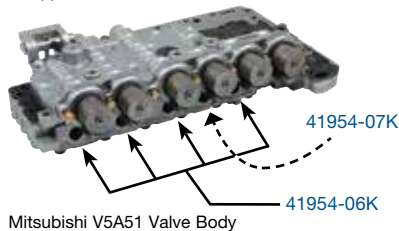
- Valve With Orifice
- Sleeve
- O-Ring

**NOTE:** Replaces OE valves with .382", .472" & .354" spool dia. Fits either of 2 locations.

May be used in Mitsubishi front-wheel drive, '96-later valve bodies including F4A41/42/51 and Hyundai Kit A5HF1. However, OE valve spool diameters must be measured to verify application.

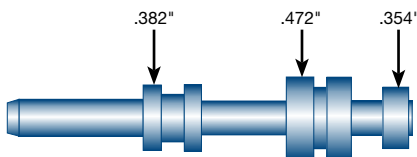
**Figure 1**

**NOTE:** Application units noted may look different than valve bodies pictured. Locations of valves and orificed versus non-orificed versions vary depending on application.

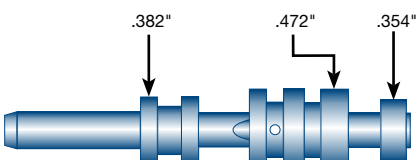


Mitsubishi V5A51 Valve Body

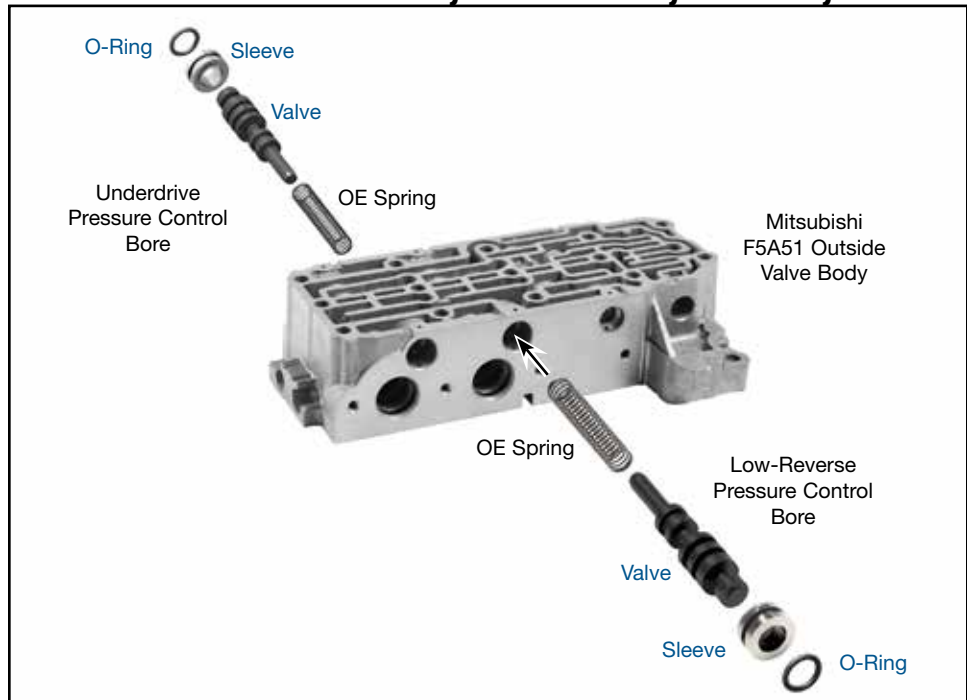
**Figure 2**



NON-ORIFICED OE valves that match these dimensions:  
Use 41954-06K.



ORIFICED OE valves that match these dimensions:  
Use 41954-07K.



**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.

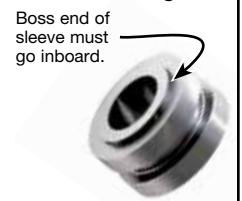
### 2. Installation & Assembly

- 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.

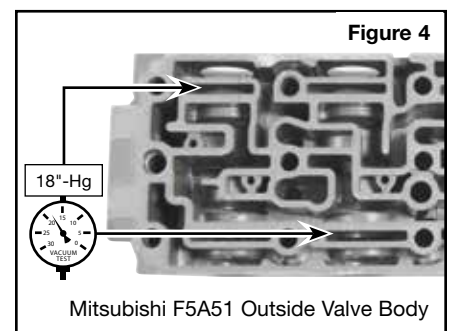
### 3. Final Testing

Vacuum tests at the ports indicated hold the recommended minimum 18 in-Hg (**Figure 4**).

**Figure 3**



**Figure 4**



Mitsubishi F5A51 Outside Valve Body