

Oversized Overdrive Pressure Control Valve Kit

Part No.
102741-18K



- Valve
- Spring

Tool Kit

Part No.
F-102741-TL18

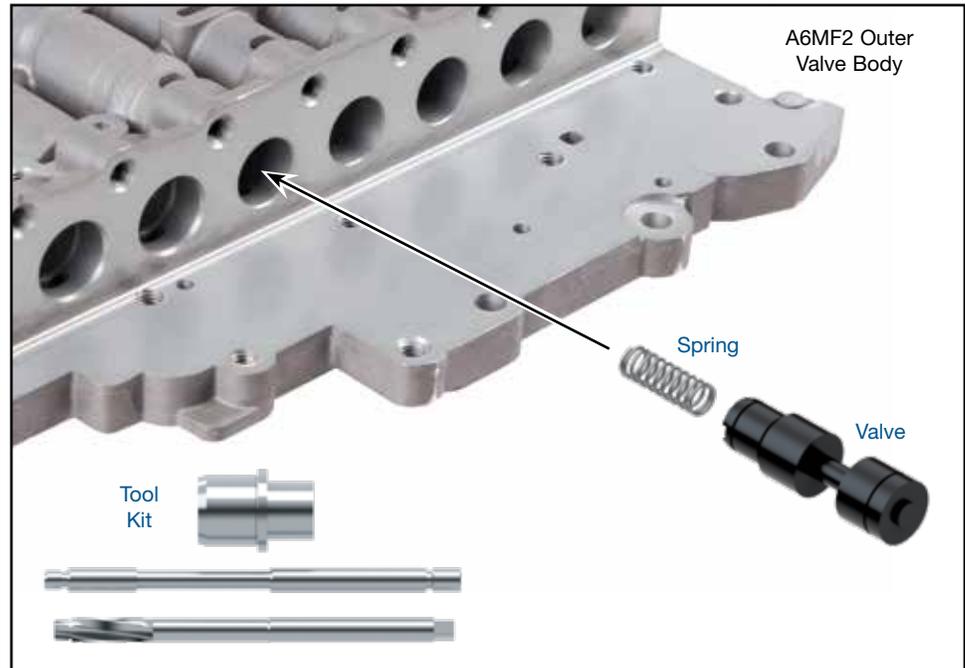


- Reamer
- Reamer Jig
- Guide Pin

NOTE: Sonnax “F-Tool” kits designed to service a specific bore require the VB-FIX, a self-aligning valve body reaming fixture. More information and instructions can be found online at www.sonnax.com.

WARNING: Required tool kit F-102741-TL11 is no longer in production. Please check with your distributor for availability.

Hyundai/Kia A6GF1, A6LF1/2/3, A6MF1/2



CAUTION: Prior to removal of spring adjustment plug, measure and record distance from end of plug to the casting. This dimension must be matched during reassembly.

1. Disassembly

- Remove and save OE adjustment plug retaining clip.
- Measure and record adjustment plug-to-casting distance, then remove and save OE adjustment plug (**Figure 1**).
- Remove OE solenoid retaining bracket and solenoid. Set both aside for reuse.
- Remove and discard OE valve and spring.

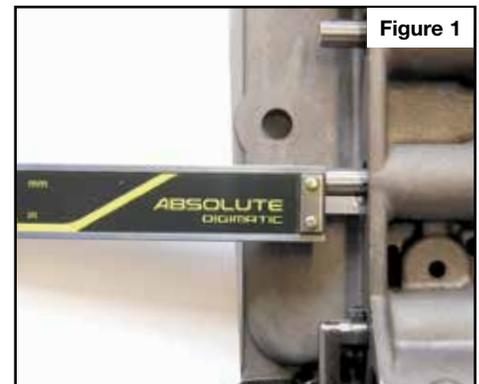


Figure 1

2. Bore Reaming

Ream overdrive pressure control valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit F-102741-TL18 and VB-FIX are required for this operation.

3. Installation & Assembly

- Ensure all debris has been removed from valve bore and body.
- Reinstall OE spring adjustment plug and set to the reference dimension noted in disassembly procedure, then reinstall OE adjustment plug retaining clip.

3. Installation & Assembly (continued)



NOTE: To reduce pressure loss past the spring adjustment plug threads, an ATF-compatible thread sealant can be used. Permatex® 24163 surface prep activator combined with blue Threadlocker works well for this purpose. Compound used must not create a permanent set.

- c. Install Sonnax spring, followed by Sonnax valve; ensure spring is secured in valve spring pocket during installation.
- d. Reinstall OE solenoid and solenoid retaining bracket.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 14 in-Hg and 16 in-Hg (**Figure 2**).

