

Oversized 3-4 Overlap Control Valve Kit

Part No.
68942-31K



- Overlap Control Valve
- Plunger Valve & Sleeve Assembly
- O-Ring
- Spring

Tool Kit

Part No.
F-68942-TL31

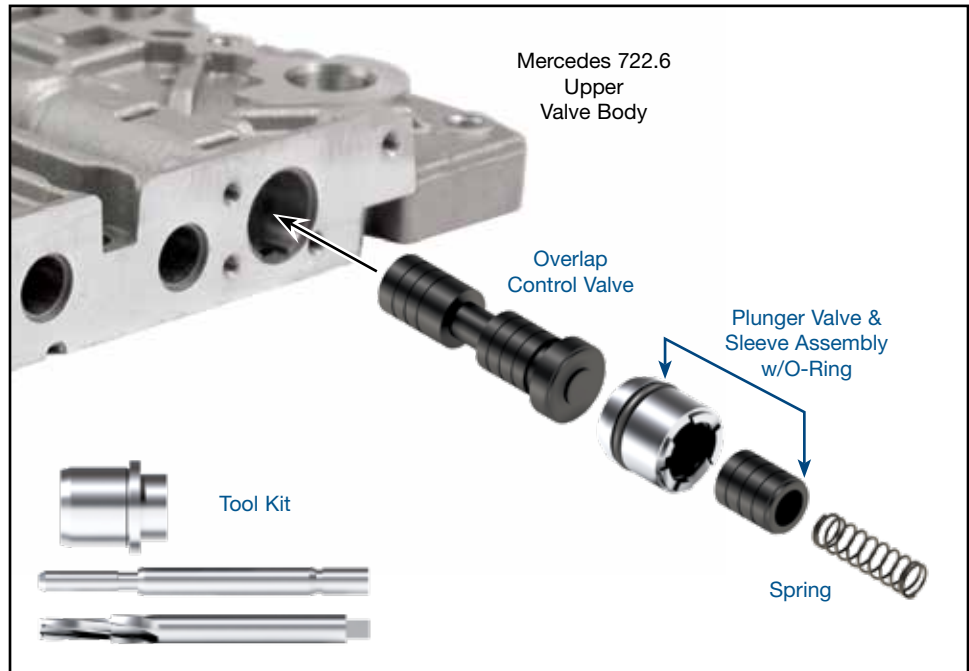


- Reamer
- Reamer Jig
- Guide Pin

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-68942-TL31 is no longer in production. Check with your distributor for availability.



Mercedes 722.6

1. Disassembly

- Remove OE screws and end plate, saving for reuse.
- Remove and discard OE spring, plunger valve and sleeve, and overlap control valve.

2. Bore Preparation

Ream overlap control valve bore (for reaming instructions/care, please visit www.sonnax.com). Sonnax reamer tool kit **F-68942-TL31** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Install Sonnax overlap control valve into the bore.
- Install Sonnax O-ring into the Sonnax sleeve groove and roll on the bench to resize. Lubricate the O-ring and sleeve.
- Install Sonnax spring into the plunger valve pocket. Slide the plunger valve into the sleeve, with the spring facing the grooved end face.
- Slowly install the sleeve assembly into the valve body bore, taking care not to shear the O-ring. Ensure the end face grooves are outward.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended 16 and 18 in-Hg.

