

Oversized TCC Control Valve Kit

Part No.
56947J-05K



- Dowel Pin 5R55W/S Only
- Valve
- Spring, Plain 5R55W/S Only
- Spring, White 5R55N Only
- End Plug

Tool Kit

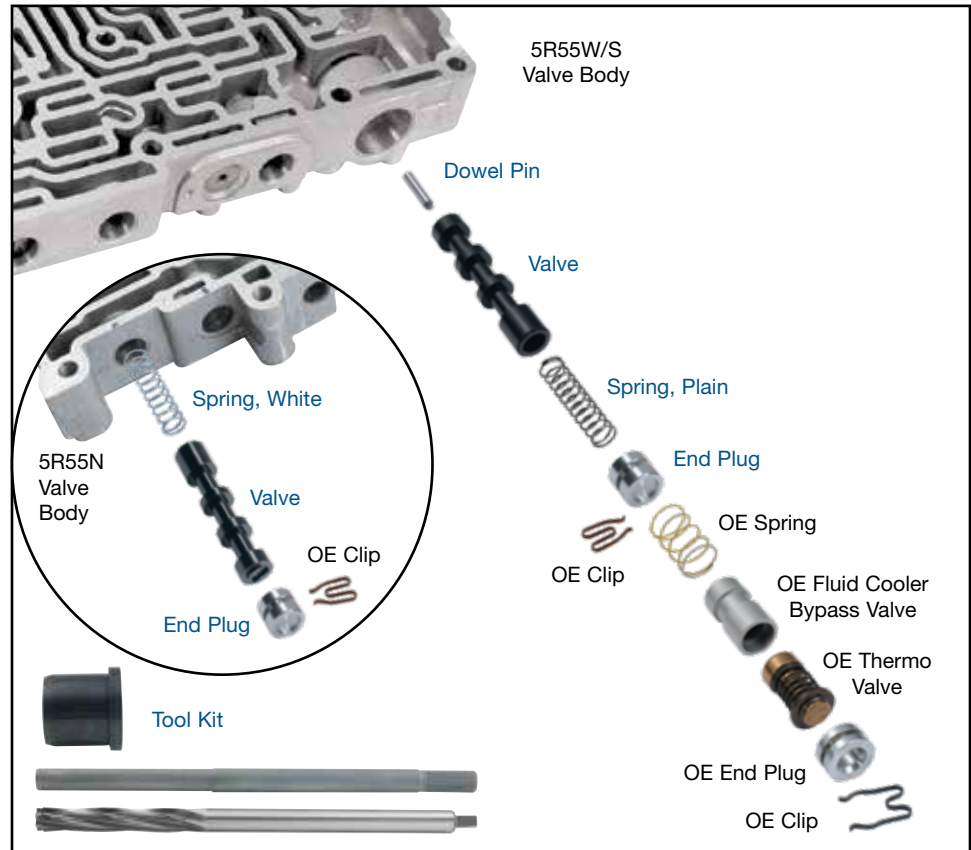
Part No.
F-56947J-TL2



- 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.

Ford 5R55N, 5R55S, 5R55W



1. Disassembly

5R55N:

- Remove and discard OE end plug, valve and spring.
- Keep retaining clip for reuse.
- Clean bore thoroughly.

5R55W/S:

- Remove and discard the OE end plug, valve and spring.
- Keep retaining clip and all thermal bypass control components.
- Clean bore thoroughly.

2. Bore Reaming

Ream TCC control bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-56947J-TL2** and **VB-FIX** are required for this operation.

3. Installation & Assembly

5R55N:

- Place Sonnax white spring into Sonnax valve spring pocket.
- Push assembly into bore, spring side first.
- Insert Sonnax two-directional end plug just far enough to reinstall OE retaining clip.

5R55W/S:

- Press Sonnax dowel pin into balance feedhole in Sonnax valve until flush with step on end of valve.
The use of an arbor press is the suggested method (instead of hammering) pin in position.
Always verify the valve strokes well in the bore after pressing this pin.
- Insert Sonnax plain spring into Sonnax valve spring pocket.
- Push assembly into bore, spring side outward.
- Insert Sonnax two-directional end plug just far enough to reinstall OE retaining clip.
- Reinstall OE thermal bypass control components.

4. Final Testing

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

