

Oversized Converter Regulator Valve Kit

Part No.

96201-23K



- Converter Regulator Valve
- Inner Valve Body Clip
- White Spring 2-Spool OE Application
- Black Spring 4-Spool OE Application

NOTE: Works in 2- or 4-spool OE applications.

Tool Kit

Part No.

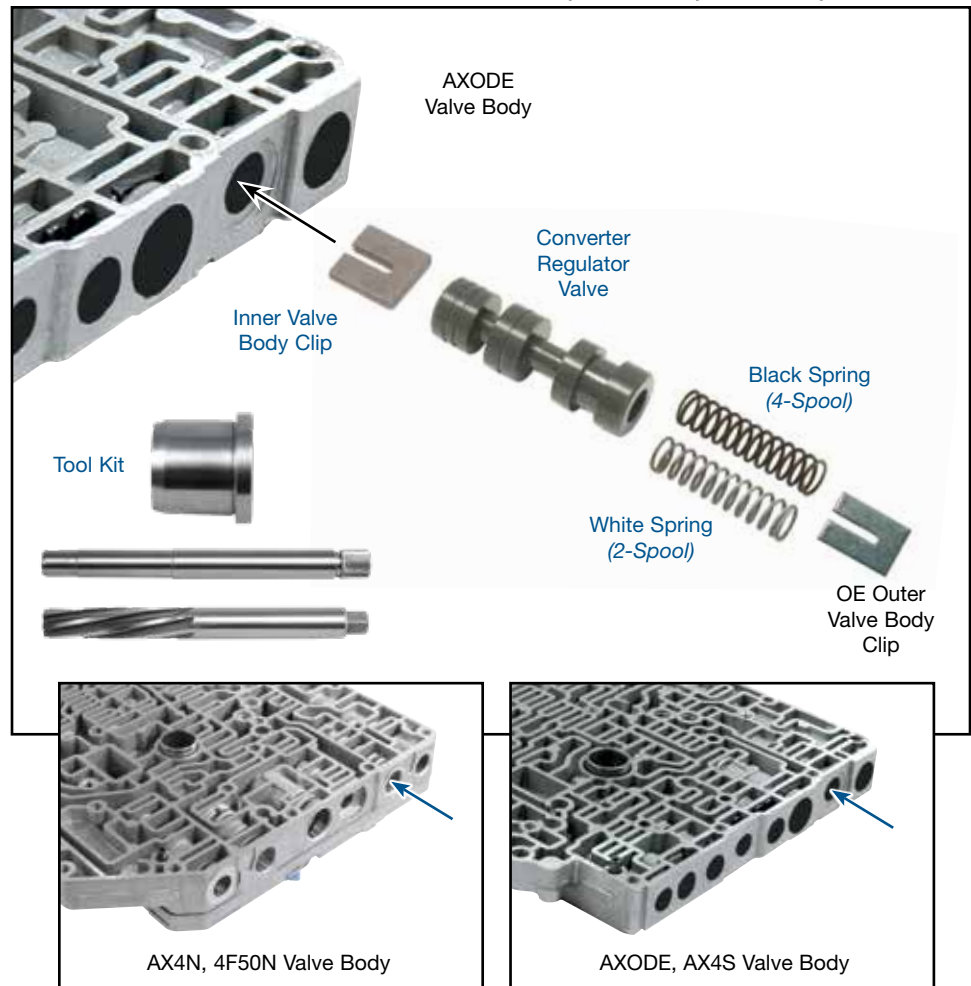
F-96201-TL23



- Reamer Jig
- Reamer
- 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 4F50N, AX4N, AX4S, AXODE



1. Disassembly

- Remove all components from bore and discard OE converter regulator valve, plug and springs.
- Save OE outer retaining clip and solenoid regulator valve and spring for reuse.

NOTE: Use Sonnax **96201-21K** and tool kit **96201-TL2** if OE solenoid regulator valve and spring are worn.

2. Bore Reaming

Ream converter regulator bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-96201-TL23** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Ensure all debris has been removed from the valve bore and valve body.
- Lubricate converter regulator valve and bore with ATF.

NOTE: Check solenoid regulator valve for wear. If worn, replace with Sonnax **96201-21K**. This bore will need to be oversized with tool kit **96201-TL2**.

- Install OE solenoid regulator valve and spring then retain with Sonnax inner valve body clip.

NOTE: Sonnax inner valve body clip is twice as wide as OE inner valve body clip and **MUST** be installed in this position.

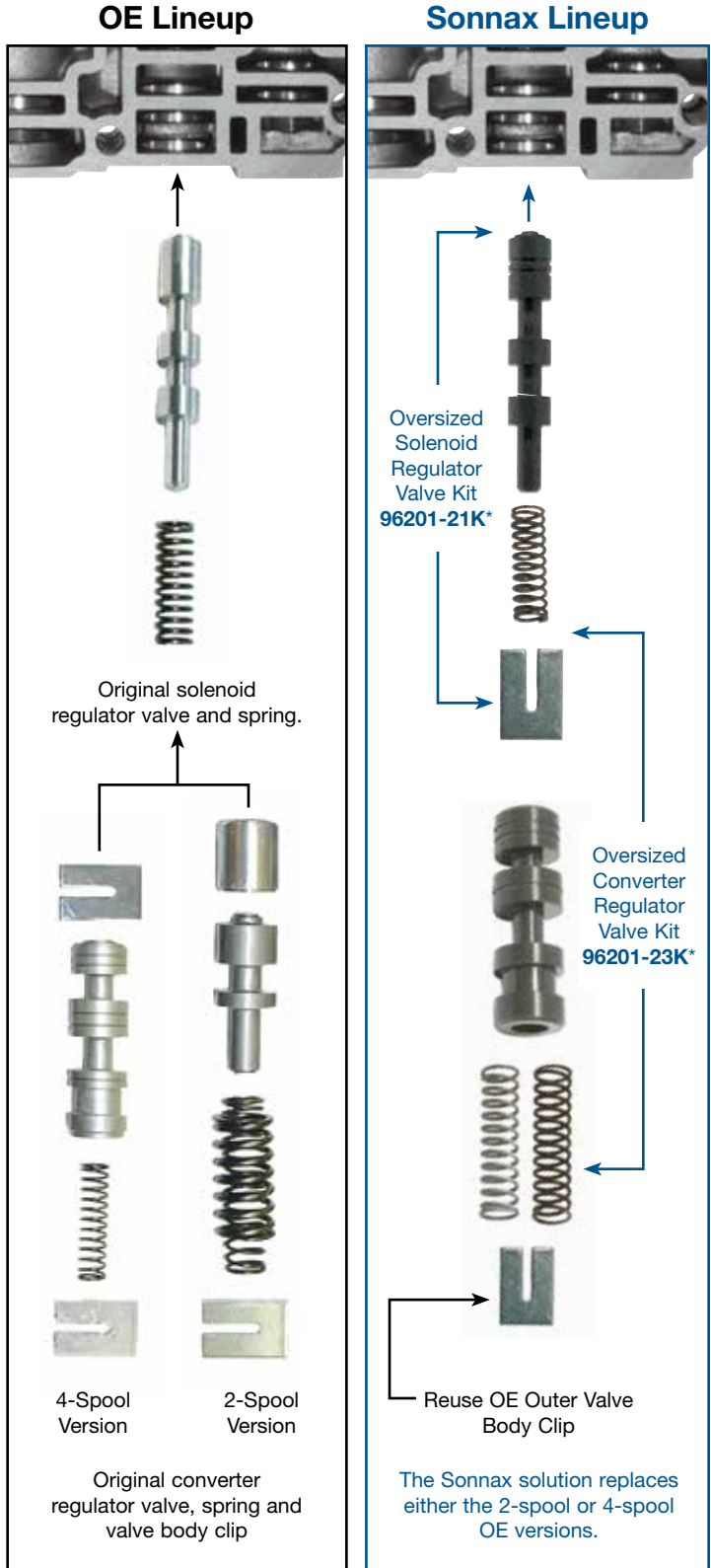
- Place the correct Sonnax selective spring* into the spring pocket of Sonnax converter regulator valve and push the assembly into the bore (spring end out).

- Reinstall OE outer valve body clip.

***NOTE:** • If OE had 4-spool valve, use Sonnax black spring.
• If OE had 2-spool valve, use the Sonnax white spring.

If the white spring is installed in place of the black spring, it will result in higher EPC pressure and converter psi. This can cause harsh reverse and forward piston failure at maximum EPC.

If the black spring is used in place of white spring, the result is lower converter psi and possible TCC shudder and lower line rise.



***NOTE:** 96201-21K & 96201-23K are sold individually. Each of these kits comes with new inner valve body clip. If using these two kits together, only one inner valve body clip is necessary in replacement line-up.