

Oversized Converter Limit Valve Kit



Part No.
126740-19K

- Valve
- Spring
- End Plug

NOTE: Fits 2011-2016 units only.

Tool Kit

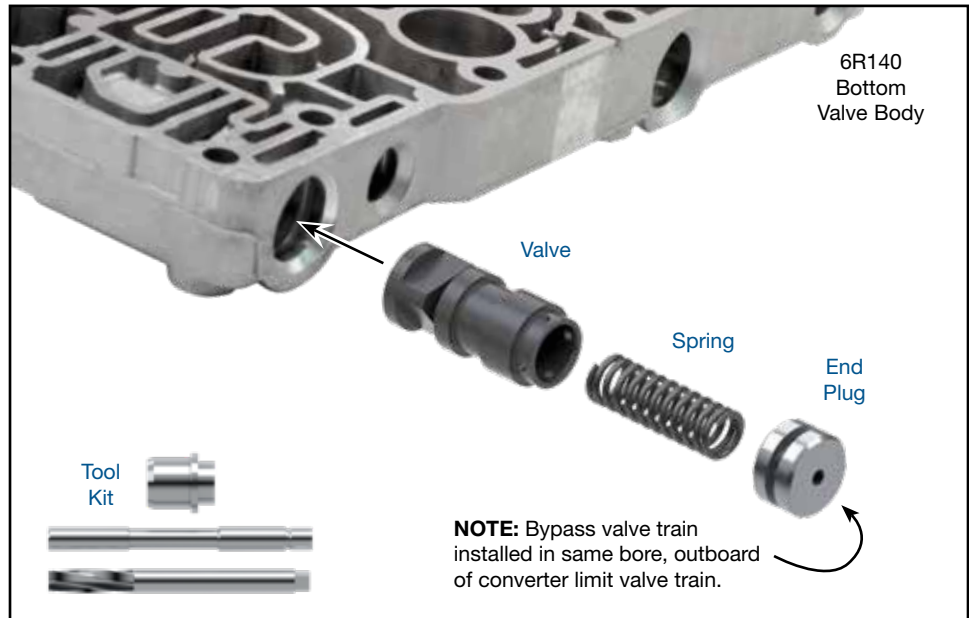
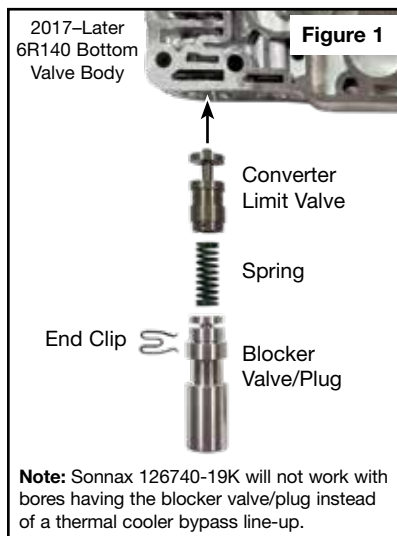


Part No.
F-126740-TL19

- 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: Will not work on 2017-later valve bodies with a blocker valve/plug in the outboard thermal cooler bypass location.



NOTE: The Ford 6R140 converter limit valve shares a bore with the bypass valve train. The converter limit valve is the inboard valve train; bypass valve train must be removed to access converter limit valve. All components of bypass valve train must be saved for reuse.

1. Disassembly

- Remove OE bypass valve end plug retainer, end plug, bypass valves and spring. Set aside for reuse.
- Remove OE converter limit valve end plug retainer and save for reuse.
- Remove and discard OE converter limit valve end plug, spring and converter limit valve.

2. Bore Reaming

Ream converter limit valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-124740-TL19** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Ensure all debris has been removed from valve bore and body.
- Install Sonnax converter limit valve with spring pocket oriented outboard.
- Install Sonnax spring. Ensure spring seats inside valve spring pocket.
- Install Sonnax end plug and secure with OE retainer.
- Insert OE bypass spring into OE bypass valve spring pocket. Reinstall assembly into bore, spring first.
- Reinstall OE outer bypass valve.
- Reinstall OE end plug and secure with OE retainer.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg (Figure 2).

