

Oversized Clutch Boost Valve

Part No.
124740-56



NOTE: Fits any of three locations.

Tool Kit

Part No.
F-144740-TL22

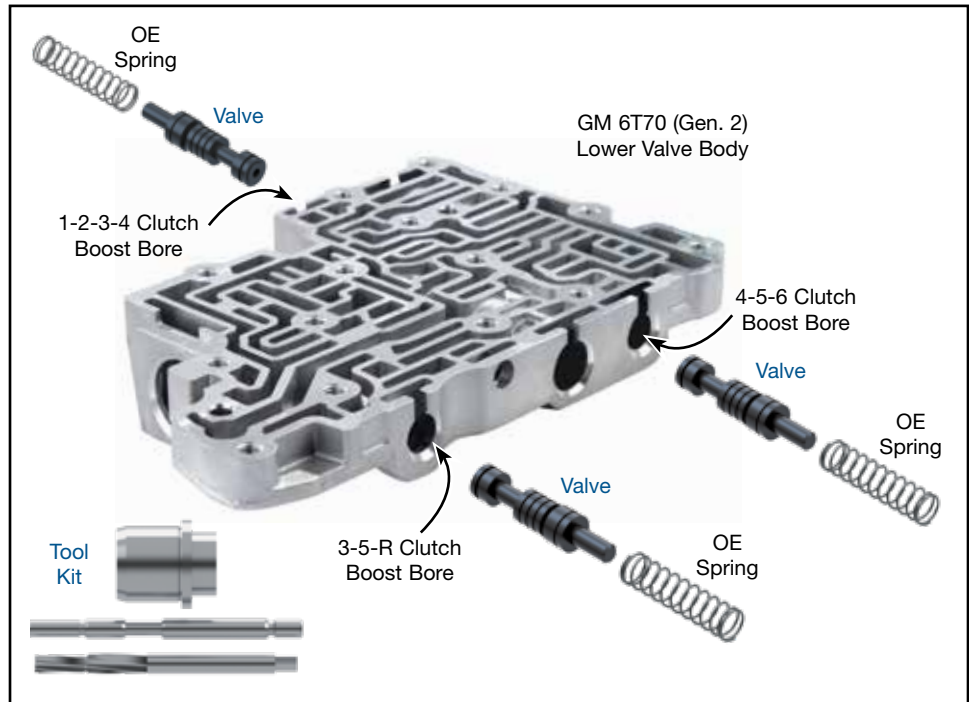


- Reamer
- Reamer Jig
- Guide Pin

NOTES: This tool kit can also be used to prepare various bores. Please visit www.sonnax.com for further details.

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.

GM 6T70 (Gen. 2), 6T75 (Gen. 2), 6T80 (Gen. 2)



1. Disassembly

- Remove OE valve train from target bore.
- Set aside OE spring and retainer for reuse. Discard OE valve.
- Thoroughly clean the bore before reaming.

2. Bore Reaming

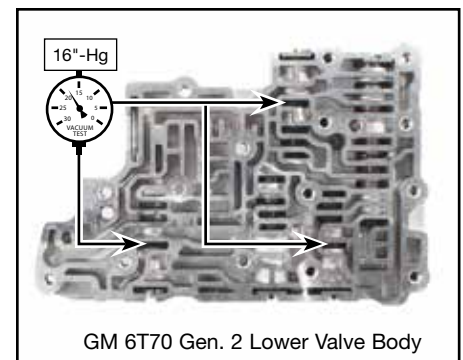
Ream clutch boost valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-144740-TL22** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Be certain all debris has been removed from valve bore and valve body.
- Install Sonnax valve into bore with spring stem oriented outboard.
- Install OE spring. Ensure spring is seated over valve spring stem.
- Install OE retainer, small tab outboard.

4. Final Testing

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



Oversized Clutch Boost Valve



Part No.

144740-22

Tool Kit



Part No.

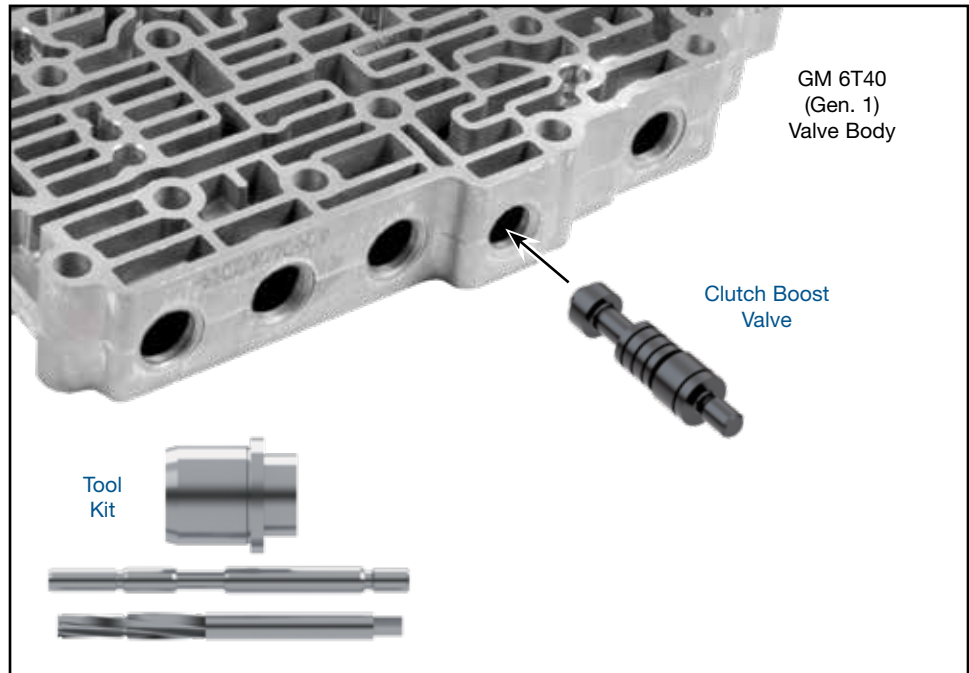
F-144740-TL22

- Reamer
- Reamer Jig
- Guide Pin

NOTES: This tool kit can also be used to prepare various bores to accept Sonnax oversized clutch boost valve **144740-23** in Ford 6F50, 6F55 and GM 6T70 (Gen. 1), 6T75 (Gen. 1) units.

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.

GM 6T30/40/45/50 (Gen. 1)



1. Disassembly

- Remove OE valve train from clutch boost valve bore.
- Set aside OE spring and retainer for reuse. Discard OE valve.
- Thoroughly clean bore before reaming.

2. Bore Reaming

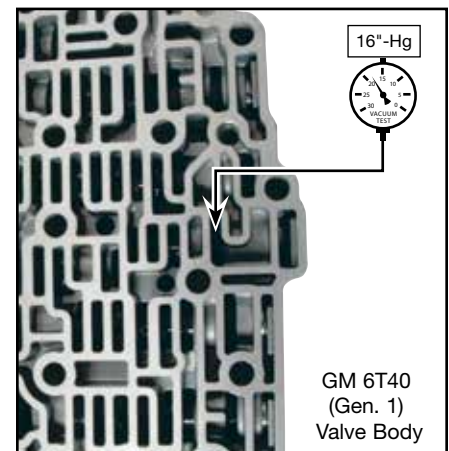
Ream clutch boost valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-144740-TL22** and **VB-FIX** are required for this operation.

3. Installation & Assembly

- Ensure all debris has been removed from valve bore and valve body.
- Install Sonnax valve into bore with spring stem oriented outboard.
- Install OE spring. Ensure spring is seated over valve spring stem.
- Install OE retainer, small tab outboard.

4. Final Testing

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



Oversized Clutch Boost/Latch Valve

Part No.
144740-23

NOTE: Fits any of three locations.



Tool Kit

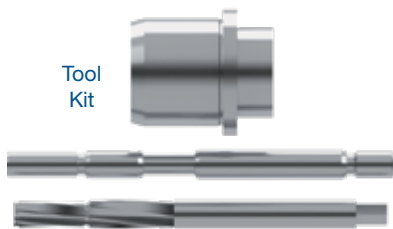
Part No.
F-144740-TL22

- Reamer
- Reamer Jig
- Guide Pin

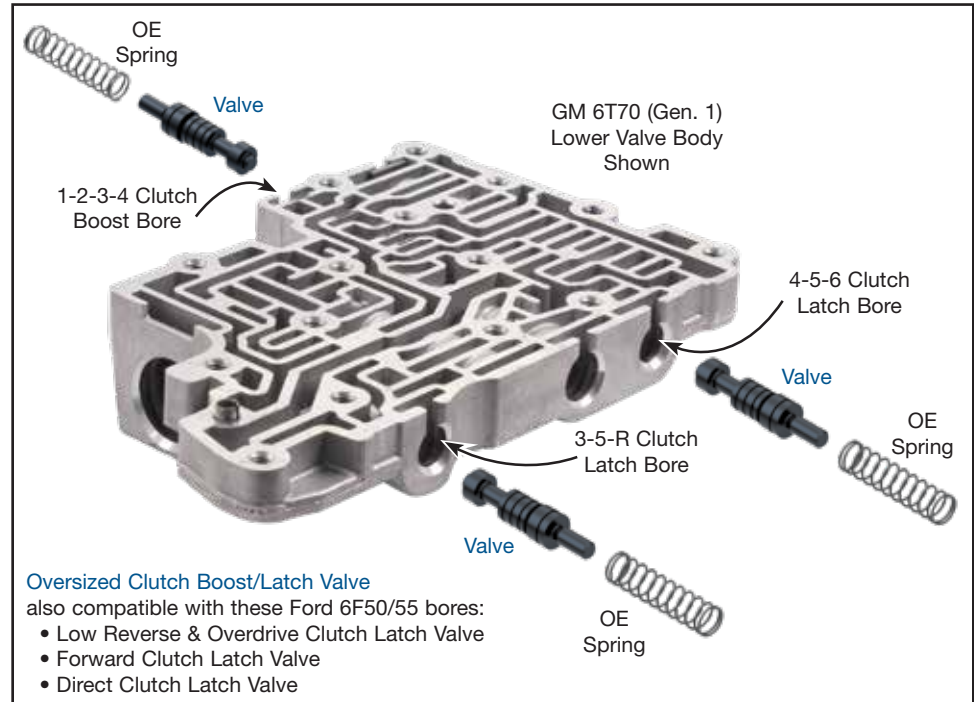


NOTES: This tool kit can also be used to prepare various bores. Please visit www.sonnax.com for further details.

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 6F50, 6F55; GM 6T70 (Gen. 1), 6T75 (Gen. 1)



1. Disassembly

- Remove OE valve train from target bore.
- Set aside OE spring and retainer for reuse. Discard OE valve.
- Thoroughly clean the bore before reaming.

2. Bore Reaming

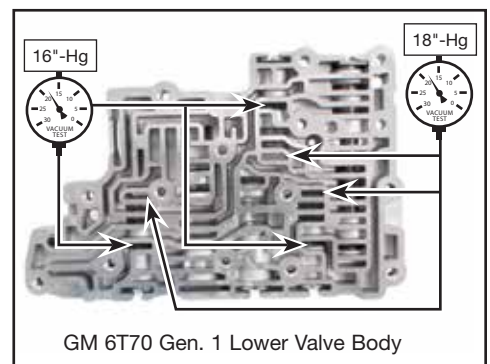
Ream clutch boost/latch valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-144740-TL22** and **VB-FIX** are required for this operation.

3. Installation & Assembly

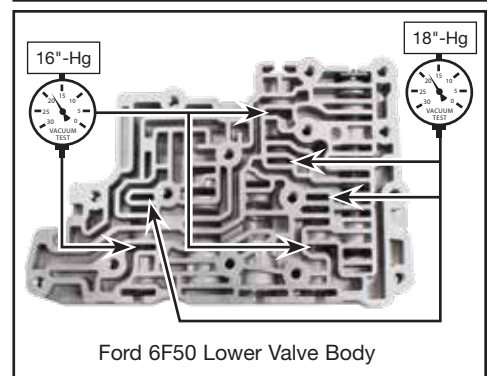
- Be certain all debris has been removed from valve bore and valve body.
- Install Sonnax valve into bore with spring stem oriented outboard.
- Install OE spring. Ensure spring is seated over valve spring stem.
- Install OE retainer, small tab outboard.

4. Final Testing

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



GM 6T70 Gen. 1 Lower Valve Body



Ford 6F50 Lower Valve Body