

### Oversized Clutch Boost Valve



Part No.

**144740-22**

### Tool Kit



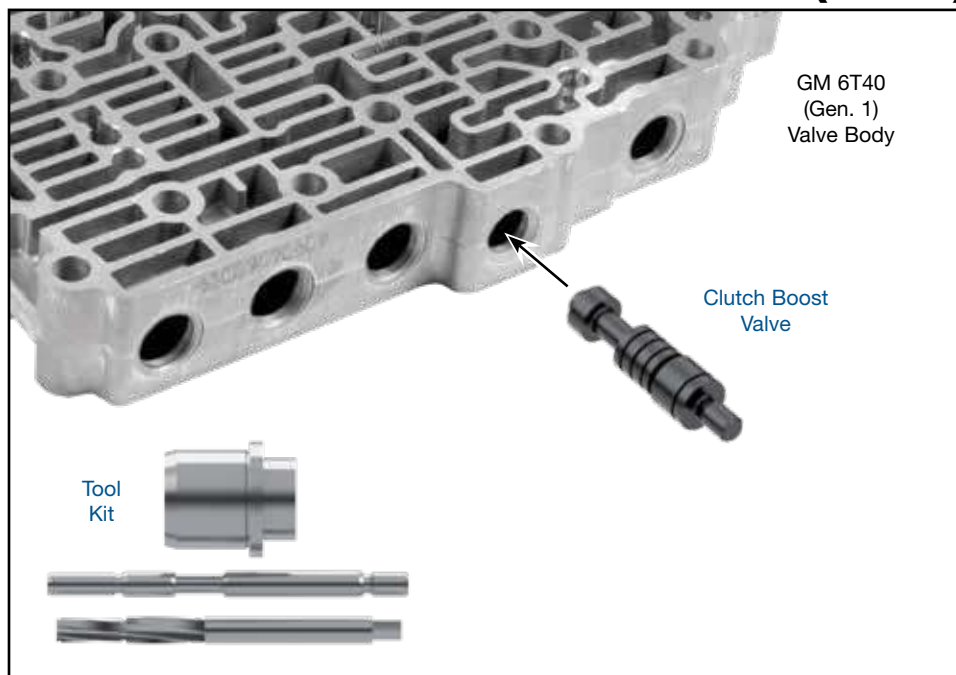
Part No.

**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](http://www.sonnax.com).



#### 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](http://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.

