

Lockup Clutch Control Valve Kit

15741-29K

- 1 Lockup Clutch Control Valve
- 1 Lockup Clutch Control Sleeve
- 1 Valve Cap
- 1 Spring
- 1 Spacer
- 1 Plunger Valve
- 1 Plunger Sleeve



F-15741-TL29

- 1 Reamer Jig
- 1 Guide Pin
- 1 Reamer

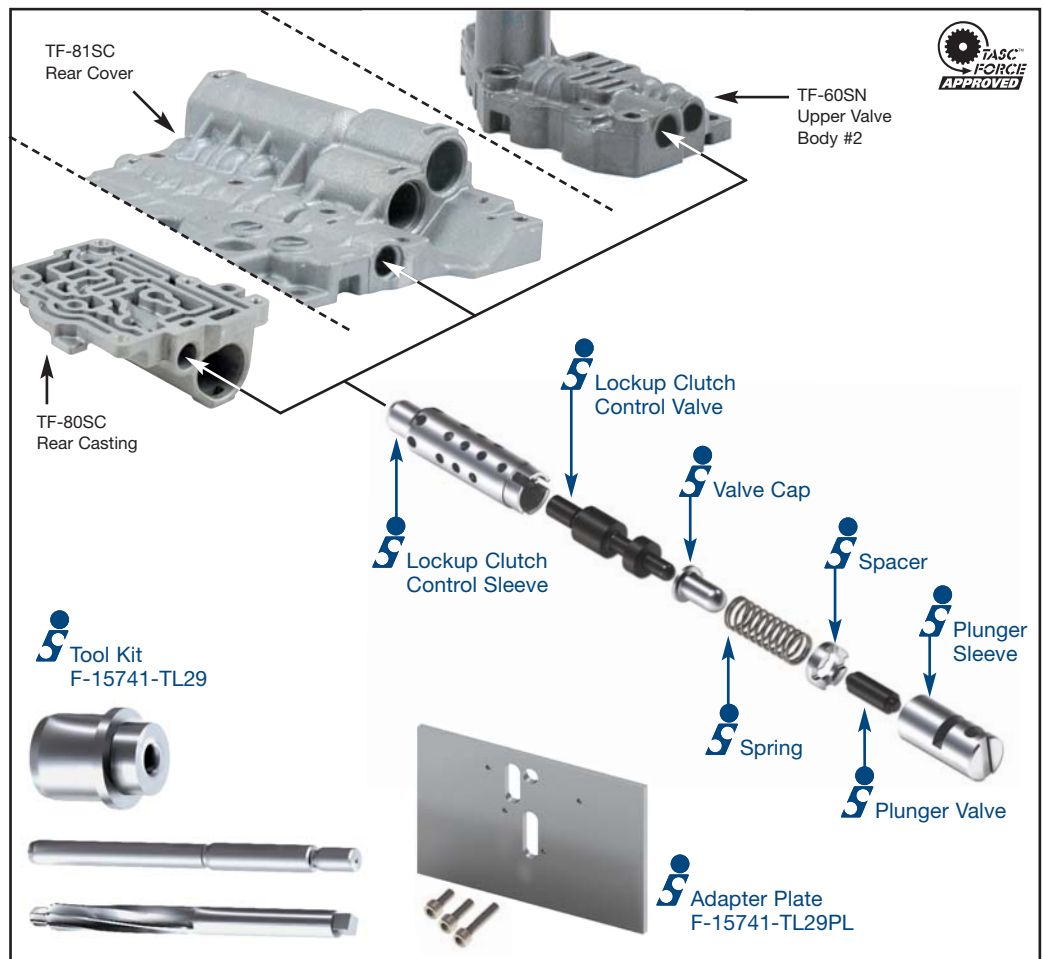


Required for TF-80SC & TF-60SN

F-15741-TL29PL

- 1 Adapter Plate
- 3 Assorted Screws

Note: Fits Volvo (AM6); Opel (AF40); Peugeot (TF80); Saab (AF40/6); Land Rover (TF80); Ford (AF21); Mazda (AW6A-EL); BMW (6F21WA) & VW/Audi (09G, 09K, 09M).



Caution

Adapter plate **F-15741-TL29PL** is required to hold VW 09G (TF-60SN) and Volvo/Opal (TF-80SC) valve body sections while reaming. Adapter plate is not required for Ford/Mazda (TF-81SC).

Note: Mounting instructions are included with the Adapter plate **F-15741-TL29PL**.

Disassembly Steps

Remove the retainer, plunger sleeve with plunger valve, spring and lock-up valve. Keep the retainer for re-use and discard all other OE pieces.

Important Notes:

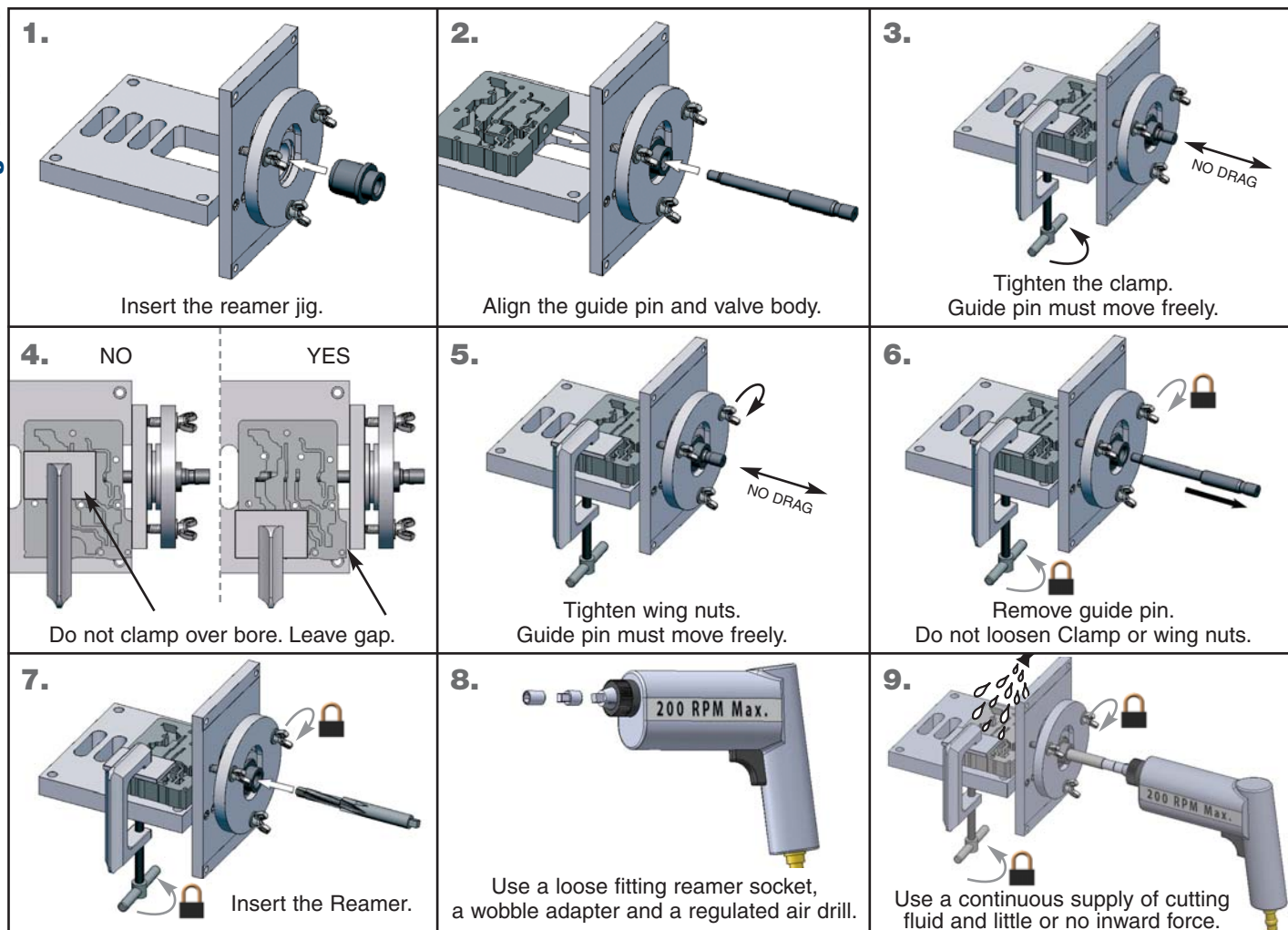
1. Clean the bore thoroughly in a solvent tank.
2. Generously lubricate the bore and reamer with cutting fluid (i.e. Mobilmet S-122, Lubegard Bio-Tap, Tap Magic™, etc). For best results, provide a continuous flow of water-soluble cutting fluid (i.e. Mobilmet S-122) during the reaming process.
3. The reamers should be turned using a low rpm, high torque air drill regulated to a maximum of 200 rpm.
4. Examine the bore after cleaning for surface finish, debris, and burrs. Flashing and burrs on the exit side of lands and bores must be carefully removed. A small piece of Scotchbrite™ material attached to a wire and powered with a drill motor is ideal for the task.

TF-80/81SC, TF-60SN

PART NUMBERS 15741-29K, F-15741-TL29

**Lockup Clutch
Control Valve Kit**

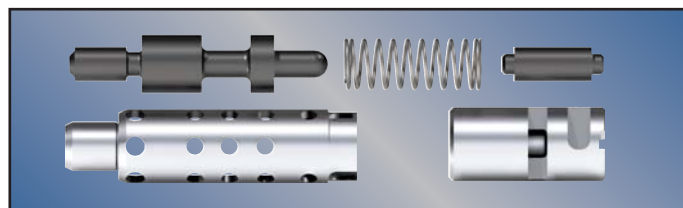
Reaming Instructions



Installation & Assembly Steps

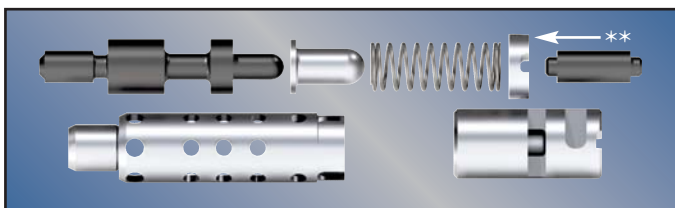
For 2003-2004 TF-60SN *only*:

1. Insert the Sonnax Lockup Clutch Control valve and sleeve assembly into the reamed bore with the smaller OD in-board.
2. Insert the Sonnax spring.
3. Insert the Sonnax plunger valve/sleeve assembly into the reamed bore with the open end in-board.
4. Install the OE plunger sleeve retainer*.



For TF-80/81SC and 2005-Up TF-60SN:

1. Insert the Sonnax Lockup Clutch Control valve, cap & sleeve assembly into the reamed bore with the smaller sleeve OD in-board.
2. Insert the Sonnax spring.
3. Insert the Sonnax sleeve spacer into the reamed bore.
4. Insert the Sonnax plunger valve/sleeve assembly into the reamed bore with the open end in-board.
5. Install the OE plunger sleeve retainer*.



** If the stack-up of components does not allow the installation of the retainer, carefully remove the minimum necessary material from:*

'03-'04 TF-60SN *Only*: The open or inboard end of the plunger sleeve. Be sure to remove any burrs that may interfere with plunger valve movement.

TF-80/81SC & '05-Up TF-60SN : File the castelated side** of the sleeve spacer. Remove burrs.

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