

#### Instructions

## Ford 6R140

## Oversized Low/Reverse Regulator Valve Kit

### Part No. 126740-27K

- Valve
- Spring
- End Plug
- O-Rings (2)



## **Tool Kit**

# Part No. F-126740-TL27

- 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.

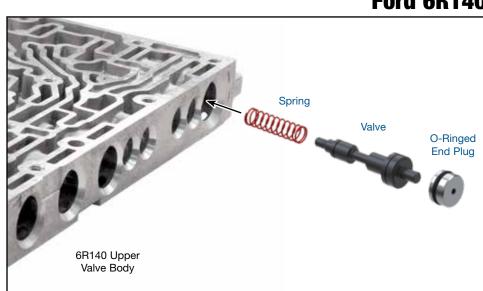
#### Recommended

## **Test Plate Kit**

Part	No.	
SW	AT-	P2

•	Test	Plate	

Sealing Pad



#### 1. Disassembly

- a. Remove OE retaining clip and set aside for reuse.
- b. Remove and discard OE end plug, low/reverse valve, and spring.

#### 2. Bore Reaming

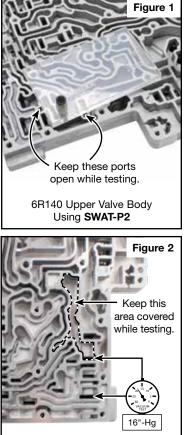
Ream the low/reverse valve bore (for reaming instructions/ reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-126740-TL27** and **VB-FIX** are required for this operation.

#### 3. Installation & Assembly

- a. Be certain all debris has been removed from the valve bore and valve body.
- b. Install Sonnax recalibrated spring, followed by Sonnax oversize low/reverse valve.
- c. Install Sonnax O-ring into shallow groove of Sonnax end plug. Then lubricate with Sonnax Slippery Stick
  O-LUBE and roll on bench to size the O-ring into the groove.
- d. Carefully insert Sonnax O-ringed end plug into the bore just far enough to reinstall the OE retaining clip.
- e. Reinstall OE retaining clip.

#### 4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 16 in-Hg (**Figures 1 & 2**).



6R140 Upper Valve Body

(3" x 5")

(3" x 5")