

## Ford 5R110W

### Converter Pressure Limit Valve Kit

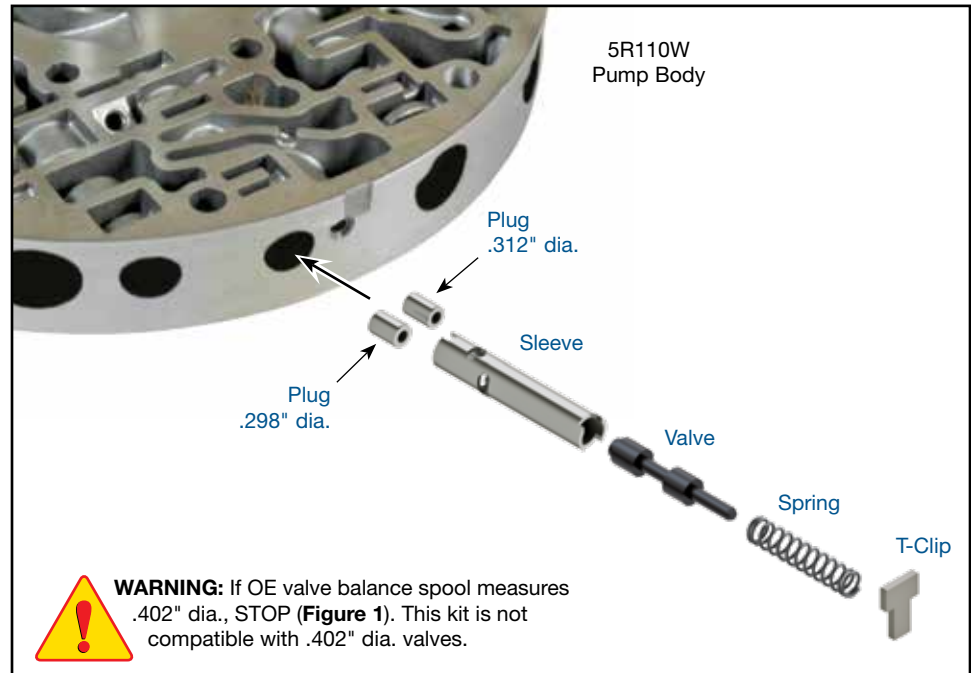
#### Part No.

# 36940-06K

- Valve
- Sleeve
- Spring
- Plug .298" dia.
- Plug .312" dia.
- T-Clip

Patent Pending

**NOTE:** Fits '05-later units only.



### 1. Disassembly

- a. Remove and discard OE retainer clip, end plug and spring.
- b. Remove OE valve and measure balance spool to confirm compatibility of Sonnax kit. If spool is .298" dia. or .312" dia., discard OE valve and proceed. If spool measures .402" dia., this kit cannot be used (**Figure 1**).
- c. Thoroughly clean converter pressure limit valve bore.

### 2. Installation & Assembly

- a. Identify Sonnax plug that corresponds to OE balance spool diameter determined in step 1b. Thread a long M5 bolt into threads tapped in Sonnax plug (**Figure 2**). Insert plug/bolt assembly into bore and push plug to bottom of bore. If plug does not bottom out with hand pressure, tapping on bolt with small dead-blow hammer is permissible. Once plug is in position, remove bolt.
- b. Install Sonnax sleeve, ensuring feed holes line up correctly with casting (**Figure 3**). A socket that corresponds to sleeve diameter may be placed against sleeve and lightly tapped on to seat sleeve in bore.
- c. Install Sonnax valve, followed by spring and T-clip.

### 3. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg (**Figure 4**).

