

## Part Summary Data Sheet

# ZF5HP24

PART NUMBERS 139740-01K, F-139740-TL

## COMPLAINT

### SECONDARY COMPLAINTS

## Delayed or no reverse, B clutch breakage

- Poor shift quality
- Erratic or high/low line pressure

## CAUSE

Excessive valve and bore clearance due to wear.

## CORRECTION

The Sonnax oversized valve kit restores correct valve-to-bore clearances and circuit integrity as well as preventing future wear in this area.

## Oversized Pressure Regulator Valve Kit

**139740-01K**

- Oversized Valve
- Spring



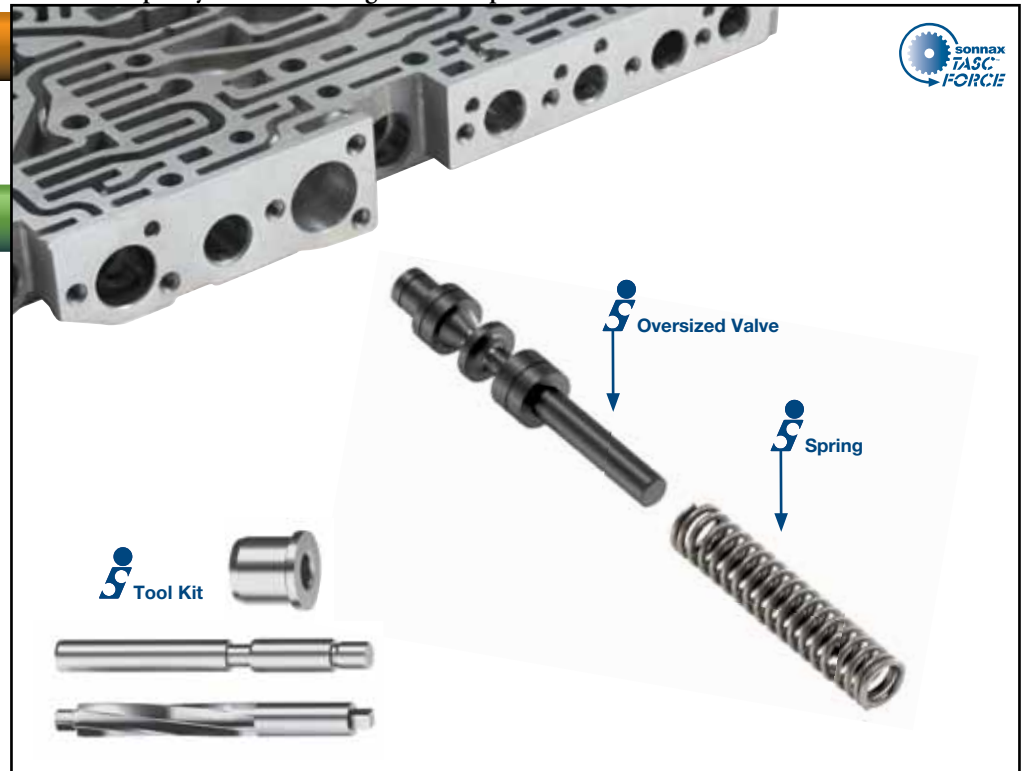
## Tool Kit

**F-139740-TL**

- 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 are available at [www.sonnax.com](http://www.sonnax.com).



Wear is commonly found at different areas in the ZF5HP24 pressure regulator valve bore. Wear at the inner portion of the bore causes high pressure spikes leading to broken drums, pistons or other parts, as well as restricting converter/lubrication flow. Wear at the spring end of the bore allows line pressure to exhaust resulting in low line pressure, soft shifts and burnt clutches. The Sonnax oversized pressure regulator valve kit **139740-01K** restores valve-to-bore clearances so the pressure regulator valve can maintain correct pressures.

### Features & Benefits

- Annular oil grooves support the valve and reduce wear rate.
- Restores valve-to-bore clearances maintaining correct pressures.

### You need this if...

Inspection indicates visible bore wear or a vacuum test performed at locations indicated yields less than 16" of vacuum.

