

## COMPLAINT

SECONDARY COMPLAINTS

### Low/reverse clutch failure, delayed or slippage in reverse

•Low line pressure in reverse and manual low

## CAUSE

Continued movement of the steel valve within the aluminum bore. Lack of optimal valve and linkage stability creates wear and scoring of the manual valve bore, reducing line pressure in reverse and manual low positions.

## CORRECTION

The Sonnax oversized hard-coat anodized aluminum valve allows the valve bore to be refurbished, and has an increased stem diameter at the detent lever and an additional spool for increased stability.

### Oversized Manual Valve

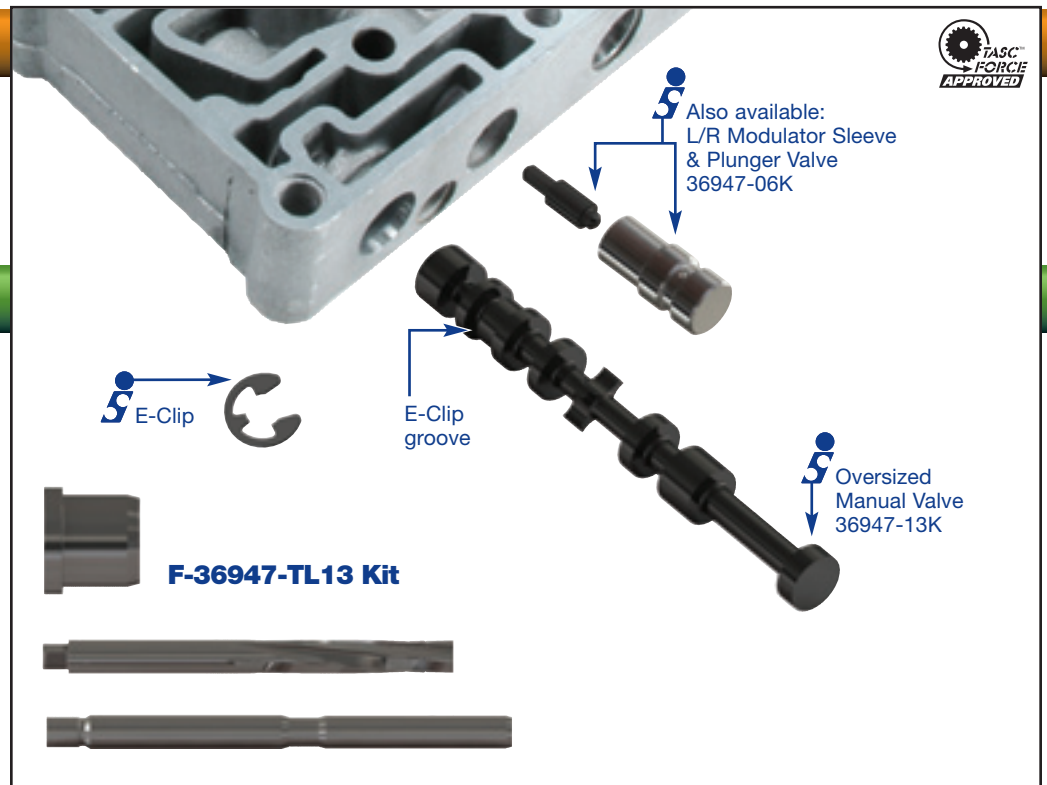
#### 36947-13K

1 Oversized Valve  
1 E-Clip



#### F-36947-TL13

1 Reamer  
1 Reamer Jig  
1 Guide Pin/Bore Sizing Tool



### Features & Benefits

- Hard-coat anodized aluminum valve resists wear.
- Additional spool provides improved valve stability while maintaining adequate flow.
- Increased stem diameter and lengthened spool at detent lever increase strength and stability.
- Installation alignment groove aids in assembly.
- Oversized valve allows worn and/or scored cores to be salvaged.

### You need this if...

There is visible wear in the manual valve bore or a proper vacuum test results in 9" or less.

**Note:** For information on proper vacuum test procedures, go to [www.sonnax.com](http://www.sonnax.com), click on "Technical Information" and go to Vacuum Testing Guidelines Instructions. For specific information about testing and installing this part, go to the **36947-13K** page at [www.sonnax.com](http://www.sonnax.com) and click on "Additional Diagnostic Information."