

# Technical Service Information



**TSI-04-13-04**

**Date:** May, 2004

**Subject File:** TRANSMISSION

**Subject:** Eaton® Fuller® FR Series Transmission Shift Shaft Revision for Transmissions Built After August, 2000

Model: 4400

Model: 5500i

Model: 5600i

Model: 5900i

Model: 7400

Model: 7500

Model: 7600

Model: 8500

Model: 8600

Model: 9200i

Model: 9400i

Model: 9900i

Start Date: 09/01/2000

## DESCRIPTION

### NOTICE

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Date: February 27, 2004

TMIB-0142

## Bulletin Type: Service

## Topic: FR Series Shift Shaft Revision

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### Issue Background:

This bulletin is to provide clarification of an earlier update to this product. Complaints of broken shift interlock keys causing difficult shifting in or out of gear.

### Correction/Action:

The shift shaft of the FR series was revised to improve reliability of the shift rail assembly. The new shaft design includes one interlock key and shift pins to replace the previous shift key.

### Timing:

August 2000. All transmissions built after this date will include the new design.

### Note:

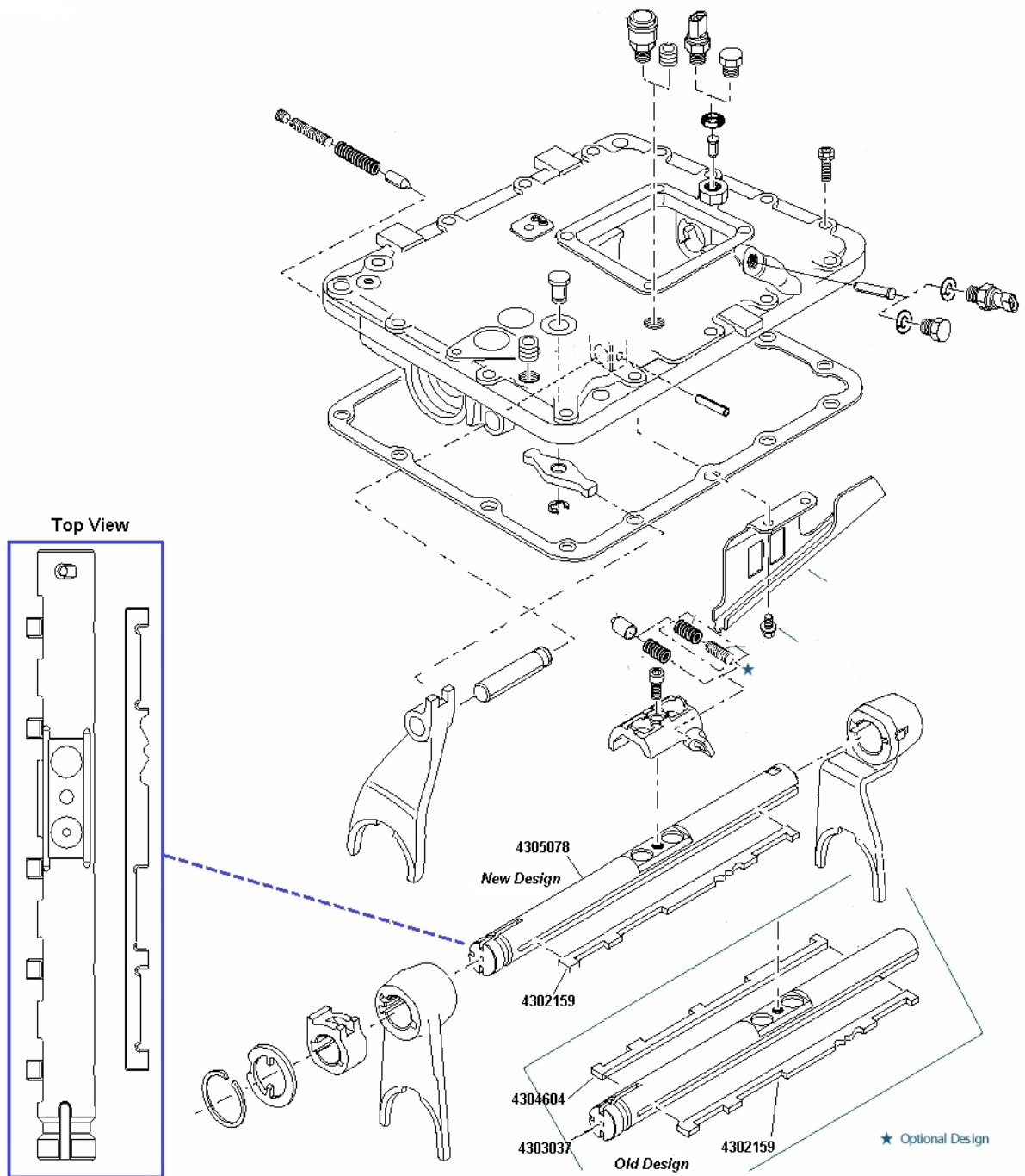
The old design shift shaft may be used in either the new or old shift bar housing. The new design shift shaft with the revised shift pins may only be used in the new design shift bar housing.

The following is a list of transmission models and the corresponding part numbers for the new design shift bar housing.

| <u>Model</u> | <u>Part Number</u> |
|--------------|--------------------|
| FR           | 4305075            |
| FRF          | 4305077            |
| FRO          | 4305081            |
| FROF         | 4305082            |

**Warranty Strategy:** Fix as fail. Standard OEM repair times apply.

Please see illustration below:



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