

# In-Vehicle Service Procedures

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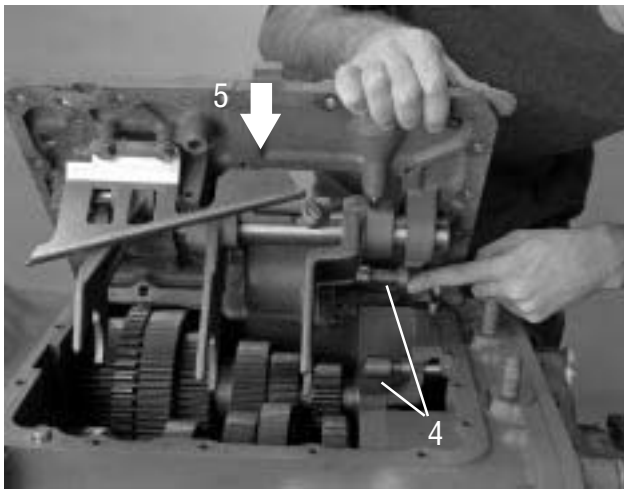
## How to Install the Shift Bar Housing

### Special Instructions

None

### Special Tools

- Torque Wrench, 50 lb. ft. capacity



### Procedure -

1. Clean the gasket mounting surface of the Main Case and Shift Bar Housing, and place a new gasket on the Main Case.
2. Place the Shift Bar Housing Shift Shaft in the neutral position so the yokes will be positioned to fit over the Mainshaft Sliding Clutches.
3. In the Main Case of the Transmission, place the Mainshaft Sliding Clutches in their neutral positions.
4. If the Auxiliary Section is in place, slide the Range Piston Bar forward or rearward to align the notch in the Piston Bar with the notch in the Range Yoke Bar.
5. With all parts properly aligned, lower the Shift Bar Housing straight down into position. Position can be verified thru Shift Tower opening.
6. Apply Eaton® Fuller® thread sealant #71205 or equivalent to the retaining capscrews.
7. Install the 16 retaining capscrews. Tighten the screws in sequence per numbers on Shift Bar Housing to 40–45 lb. ft. (54–61 N•m) of torque.

