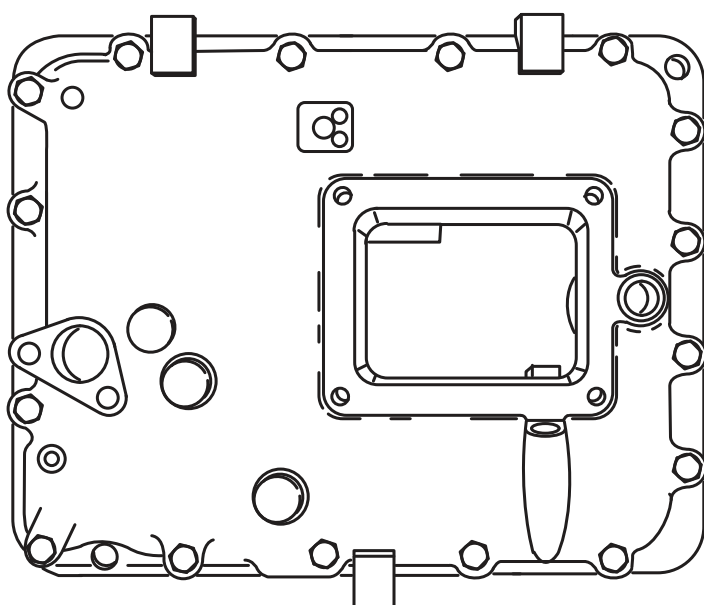


Before Installing an Eaton-Fuller Transmission...

Always Check the Shift Bar Housing Gear Shift Lever Opening Is In the Correct Position

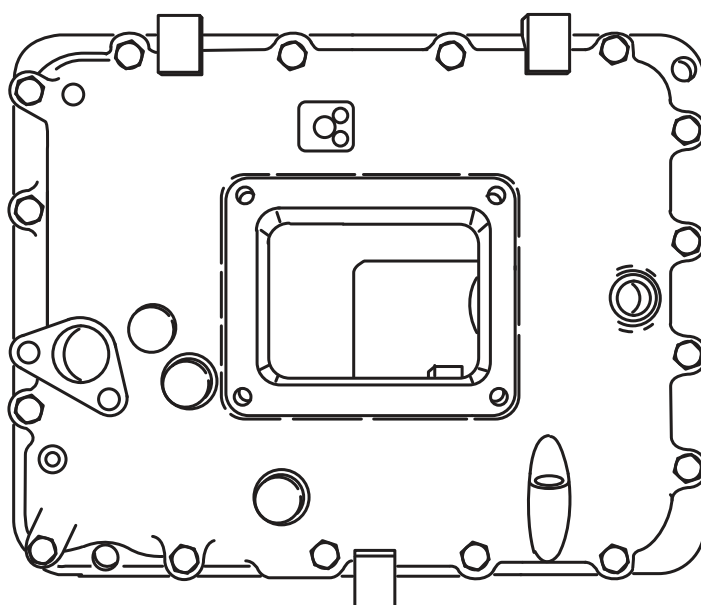
DETERMINE MODEL OPTIONS

There are two types of shift bar housings available for this transmission:



Standard

The standard shift bar housing has a gear shift lever opening that is located toward the rear of the transmission.



Forward Opening

The forward opening shift bar housing has a gear shift lever opening located three inches closer to the front of the transmission than the standard opening. This forward design allows greater flexibility in mounting the transmission and is indicated by an "F" in the model number.

Source: Eaton Fuller HD FR/FRO Transmissions TRSM2400 EN-US Service Manual

Shift Bar Housing Removal & Installation Tips on Page 2.

Edmonton
Alberta
833.442.0442

Mount Pearl
Newfoundland
844.442.0442

Moncton
New Brunswick
844.442.0442

Quebec City
Quebec
844.442.0442

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Ontario
613.749.4858

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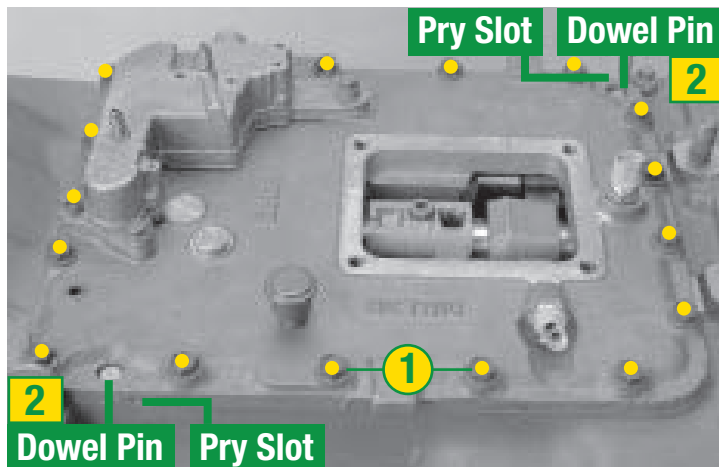
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Shift Bar Housing Removal & Installation Tips

HOW TO REMOVE THE SHIFT BAR HOUSING

Special Instructions The Air Module does not have to be removed in order to remove the Shift Bar Housing.



Procedures

1. From the shift bar housing rim, remove the 16 retaining cap screws. ●
2. Insert a screwdriver into the pry slots near the dowel pins and pry the housing off the dowel pins.
TIP: Light upward hammering on the three tabs may help loosen the shift bar housing. Do not hammer excessively as the housing may crack.
3. Lift the shift bar housing straight off the transmission case and set it on a bench.
4. Remove the gasket and clean all mounting surfaces of gasket material.

HOW TO INSTALL THE SHIFT BAR HOUSING

Special Tools Torque Wrench, 50 lb. ft. capacity

Procedures

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. Apply Eaton® Fuller® thread sealant #71205 or equivalent to the retaining cap screws.
6. Install the 16 retaining cap screws. Tighten the screws in sequence per numbers on shift bar housing to 40–45 lb. ft. (54–61 N•m) of torque ●

Source: Eaton Fuller HD FR/FRO Transmissions TRSM2400 EN-US Service Manual

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