

SILVER SPORT

Transmissions

T56 Transmission Front Shift Kit w/SST Rails Installation Instructions



SHIFTER
MOUNT PLATE
OFFSET

- 1) Remove (4) bolts from rear shifter and pry the shifter off the transmission. The shifter and bolts may be discarded.
- 2) Drive the 3/16" roll pin through the bottom of the rear offset lever and remove lever. If you are going to utilize the electronic reverse lockout feature, retain the rear offset lever and roll pin (long) for re-assembly.
- 3) Remove (4) bolts from the front access plate, pry plate off the transmission.
- 4) Drive the 3/16" roll pin (short) through the front offset lever until lever will rotate freely on shaft.
- 5) You may want to remove the detent out of the side of the transmission to make it easier to line things up.



- 6) Disassemble transmission to remove the top shift rail, following the factory TTC Service Manual available as a free download at:
TTCAutomotive.com\Products & Services\Product Literature\T56 Service Manual TRSM-T56-0711

- 7) Discard the factory front offset lever.

- 8) Modify the top shift rail as per the included Rail Modification drawing instructions TRA-00170.

- 9) Partially reassemble transmission and install the modified front shift rail asm.

- 10) Set the main case into position over the output shaft and countershaft, and let it rest on top of the dowels, about an inch away from the transmission front adapter plate.

- 11) Install the new TUTP-5799 front shift offset lever asm onto the front shift rail asm and secure with one of the previously removed 3/16" roll pins (short).

- 12) If you removed the detent in the side of the transmission reinstall it at this time.

- 13) Insert the new rear rail supplied with your kit into the lever and secure with the short 3/16" roll pin provided.

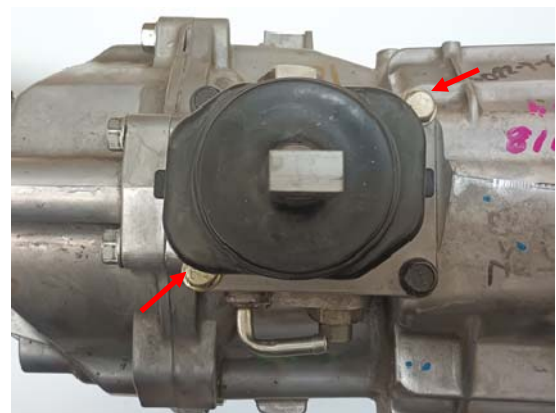
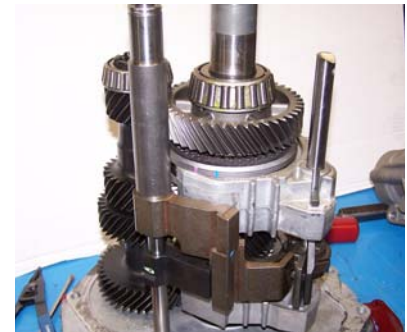
NOTE: If the rear rail supplied in your kit has (3) holes, the middle hole is NOT USED for the front shift kit.

- 14) Complete the assembly of the T56 Extension components and housing.

- 15) Apply a bead of gasket sealant around the front shift opening on the transmission. Lightly lubricate the shifter stub ball with grease.

- 16) Install the new shifter assembly to the transmission using the original (4) bolts and torque to 11-18 lb.-ft. If your transmission has 2 zinc plated bolts, they need to be positioned into the holes they came out of as they are longer (see picture).

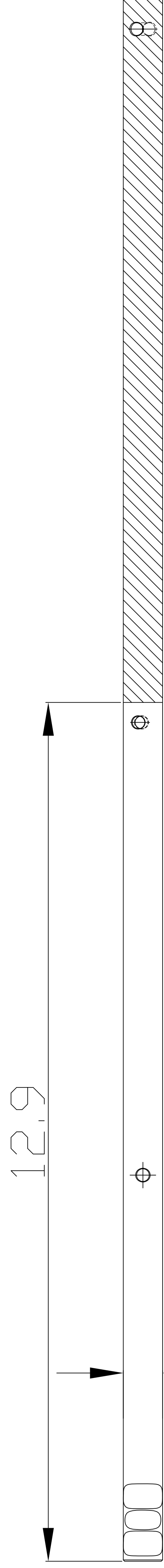
NOTE: Be sure to install the shifter assembly with the shifter mount plate offset positioned towards the front of the transmission (see photo on page 1).



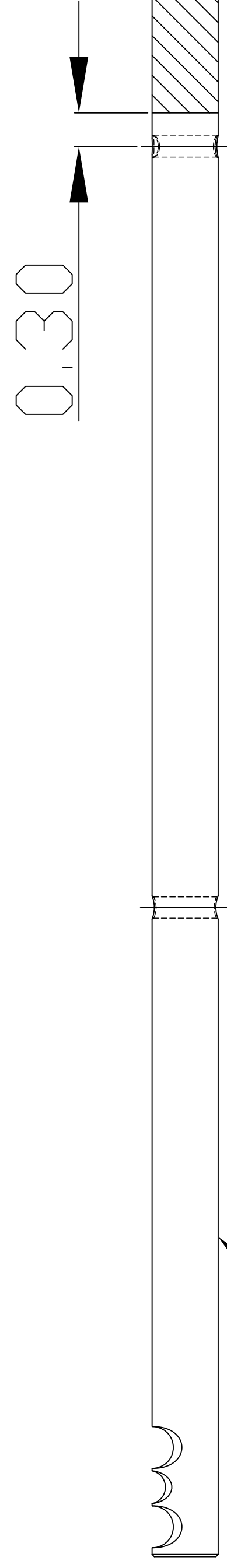
17) If you plan on connecting the electronic reverse lockout solenoid, reinstall the original rear offset lever and secure with the original 3/16" x 1" roll pin.

18) Apply a bead of gasket sealant around the shifter opening on the transmission, and install the new rear cover using the shorter bolts supplied with kit. If desired, affix the "STX" shifter badge to the new cover plate.





The drawing consists of two parts. The top part is a side elevation of a roof, showing a gabled structure with a vertical line indicating a ridge or a change in slope. The bottom part is a plan view of the roof, showing a rectangular footprint with a small rectangular extension on one side, likely representing a chimney or a dormer.







FRONT VIEW

DISCARD AFTER CUT

SEQUEL

1. CUT RAIL AND DISCARD SECTION AS SHOWN.
2. DEBURR RAIL END
3. SEE INSTALLATION INSTRUCTION MANUAL MAA-00852 FOR DETAILED STEP BY STEP ASSEMBLY PROCEDURE

	SILVER Sport Transmissions, LLC 2230 Stock Creek Blvd Rockford, TN 37853		TITLE:	
	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES ANGULAR ±.01° U.S. 2 X .XX ±.003 .XXX ±.001 MATERIAL:		RAIL MODIFICATIONS	
PROPRIETARY & CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SILVER SPORT TRANSMISSIONS, LLC ANY REPRODUCTION IN WHOLE OR AS A PART THEREOF WITHOUT THE WRITTEN PERMISSION OF SILVER SPORT TRANSMISSIONS IS PROHIBITED		DWG. NO. TRA-00170		REV. 0
STOCK MAGNUM F RAIL		INTERPRET: ELECTRONIC TELEMARKETING FOR CATALOGS:   FOR ORDERS: 		REV. 1
NONE		DRAWN DATE: 2/13/24 DESIGNED BY:		SHEET 1 OF 1
MAGNUM F RAIL		END TITLE: EXTN MAGNUM F RAIL		