



**INSTALLATION INSTRUCTIONS
FORD C-4 BELL CRANK KIT
FOR LOKAR AUTOMATIC TRANSMISSION SHIFTER
Part No. S-68161**

STEP 1: Remove all existing shift linkage from transmission.

STEP 2: Install the Lokar bell crank mounting bracket to the transmission using the supplied 3/8-16 x 1 1/4" button head bolts and lock washers. **Photo 1**

STEP 3: Install the bell crank lever to the bell crank mounting bracket. Use the supplied 5/16-24 x 1" button head bolt and flat washer. Install the nylon friction washer between the bell crank lever and the bell crank mounting bracket. Install the supplied flat washer and 5/16-24 nylock nut. Point the bell crank lever up toward the top of the transmission. Tighten the nylock nut until the lever will not move. Back the nut off just enough for the lever to move freely. **Photo 2**

STEP 4: Install the selector shaft shift lever onto the transmission. The selector shaft shift lever must be mounted pointing up toward the top of the transmission with the 1/4" hole at the one o'clock position with the transmission in park. **Photo 3**

STEP 5: Install the threaded rod to the transmission shift lever and to the bell crank lever. Measure between the 1/4" holes in the transmission shift lever and the bell crank lever with both levers in the one o'clock position. Subtract 1 3/4" from the measurement and this is the length the threaded rod needs to be. Cut and deburr the threaded rod. Install the rod ends onto the threaded rod. Install the threaded rod assembly to the transmission selector shaft lever and bell crank lever. Use the 1/4-28 x 1" button head bolt on the selector shaft lever. The rod end must mount on the outside of the selector shaft lever away from the transmission. **Photo 4** Install the 1/4" flat washer against the rod end. Install the 1/4" nylock nut and tighten. Install the rod end to the bell crank lever using the supplied 1/4-28 x 1 1/2 button head bolt and flat washer and nylock nut against the rod end. The rod end must mount on the outside of the bell crank lever away from the transmission.

STEP 6: With the shifter in the park position measure the distance between the 1/4" hole in the bell crank lever and the 1/4" hole in the shift lever arm. Subtract 1 3/4" from that measurement and this is the length the threaded rod needs to be. Cut and deburr the threaded rod. Install the rod ends on each end of the threaded rod. Bolt one end to the bell crank lever. This rod end must mount on the inside of the bell crank lever toward the transmission. Slide the rod end onto the button head bolt that is in the bell crank lever holding the rod end from the transmission. Install the 1/4" flat washer against the rod end and nylock nut and tighten. Install the second rod end onto the shift lever arm on the shifter using the 1/4-28 x 1" button head bolt flat washer and nylock nut.

STEP 7: Install the linkage rod onto the transmission lever using the 1/4-28 x 1" button head bolt. Install the flat washer against the rod end and nylock nut. Check the adjustment of the shifter by placing the shifter into the park position. Be sure that there is no slack in the shifter while it is in the park position. If there is any slack, lengthen the threaded rod from the transmission shift lever arm to the bell crank lever to remove the slack. With the slack adjusted out of the shifter, check and make sure that the button moves up and down freely. For final shifter adjustments refer to Lokar shifter installation instructions.

Installation Photos

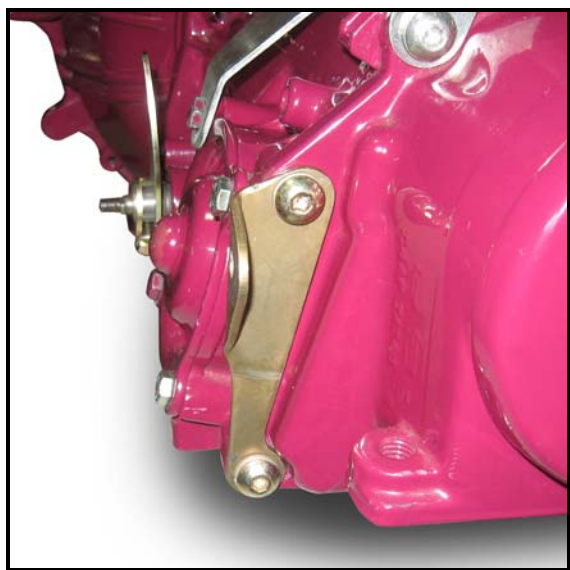


Photo 1

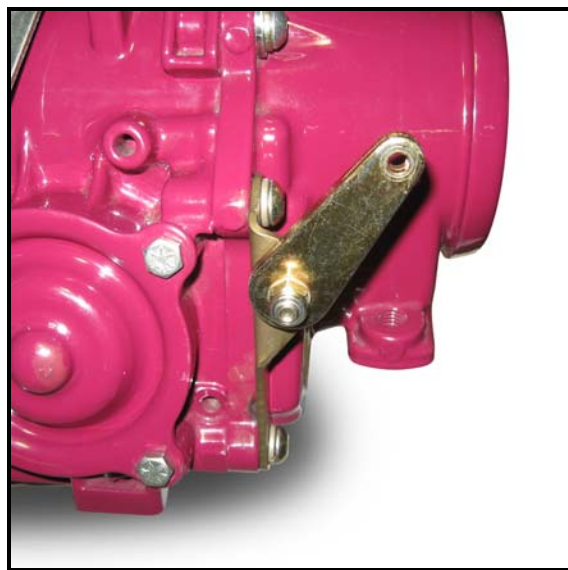


Photo 2



Photo 3

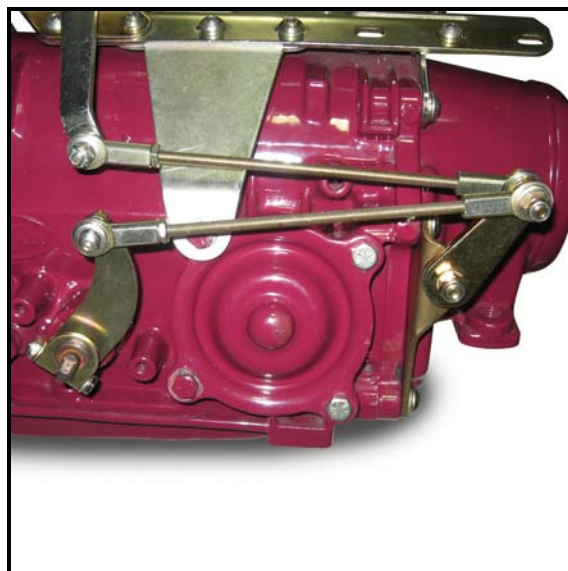


Photo 4

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