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# TCI<sup>®</sup> 976000

## Trans-Shield for Ford C-6 Transmission

Approved by NHRA and IHRA, this TransShield<sup>®</sup> has been accepted as a standard in competition use. This unit is made of 6061-T6 aluminum alloy for explosion proof protection.

### **READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION!**

TCI<sup>®</sup> 976000 TransShield<sup>®</sup> Kit Consists of:

- (1) Shield (Aluminum)
- (1) L-Shaped Bracket
- (1) Bottom Bracket
- (3) 5/16-18 x 1 Flat Head Socket Cap Screws
- (1) 5/16-18 x 3/4 Socket Head Cap Screw
- (2) 5/16-18 Nuts
- (2) 3/8-16 x 3/4 Button Head Cap Screws
- (2) 3/8-16 Nuts
- (1) Instruction Sheet

**Step 1.** Remove the rear two (2) intermediate servo cover bolts and discard. **NOTE:** The servo cover is located at the right front of the transmission. **See Illustration #1.**

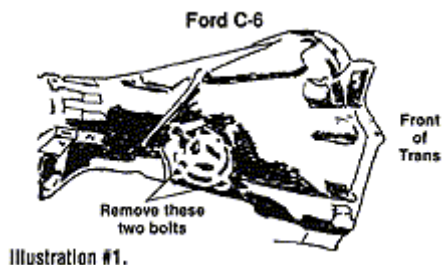


Illustration #1.

**Step 2.** Attach the L-shaped bracket to the machining locator at the left rear of the transmission with one (1) 5/16"-18 x 3/4" socket head cap screw and one (1) 5/16-18 nut.

**DO NOT TIGHTEN FASTENERS AT THIS TIME (See Illustration #2).**



Illustration #2.

**Step 3.** Position shield over transmission. Secure shield at servo cover with two (2) 5/16"-18 x 1" flat head socket cap screws.

**Step 4.** Attach shield to L-shaped bracket with one (1) 5/16"-18 x 1 flat head socket cap screw and one (1) 5/16"-18 x 1" nut. **DO NOT TIGHTEN FASTENERS AT THIS TIME.**

**Step 5.** Position bottom bracket under pan, making sure that it is clear of all linkage. Using the bracket as a template, mark the shield for location of attaching holes.

**Step 6.** Remove shield from transmission.

**Step 7.** Using marks made in **Step 4**, drill two (2) 3/8" holes in shield.

**Step 8.** Reinstall shield. (REPEAT STEPS 3 and 4).

**Step 9.** Attach bottom bracket with two (2) 3/8"-16 x 3/4" button head cap screws and two (2) 3/8" nuts.

**Step 10.** After shield fits properly in place, tighten all fasteners. **CAUTION:** Maximum torque for screws used to attach shield to servo cover/case is 20 ft./lbs. **DO NOT OVER TIGHTEN.**

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