

STREET ROD SHIFTER - FORWARD MOUNT

CATALOG #383 5691

FITS GM TH700-R4 OVERDRIVE TRANSMISSION

Installation Instructions

WORK SAFELY

Perform this installation on a good clean level surface for maximum safety and with the engine turned "Off".

Installation of this shifter requires working underneath vehicle. Raise front of vehicle by lifting at points specified by the vehicle manufacturer. Place blocks or wedges in front of and behind both rear wheels to prevent movement in either direction. Support the vehicle with approved automotive support stands or wheel ramps.

Note: A 4" diameter hole is required in the floorboard if lower pivot shaft of shifter (Figure #2) is even with or above floor. If pivot shaft is below floorboard a 3-1/4" diameter hole will be sufficient.

- 1). Disconnect negative (-) battery cable.

Caution: When removing or connecting the battery cable terminal, use care to avoid intermittent contact (arcing or sparking) between battery post and terminal end. This generates voltage spikes that can damage sensitive ECM (Electronic Control Module) components or memory circuits if equipped.

- 2). Install one dowel locator to inside of each lower hole of side mount transmission bracket using 5/16"-18 X 5/16" socket head cap screws (Figure #1).
- 3). Position side brackets on transmission case placing the bracket with two 3/8"-16 threaded holes for optional Resto-Style Hand Brake #5652 on the right (passenger) side. Be sure dowels are located in bosses on either side of transmission case (Figure #1).

Note: If dowels fit tightly into transmission case, gently tap them into bosses using a rubber mallet.

Be sure selector pin on shifter is forward against neutral stop (see shift pattern illustration Figure #4A), adjust linkage rod as necessary to align hole in gear shift arm with ball rod end. Attach using hardware supplied and check adjustment by shifting through entire gear pattern. Tighten linkage rod, attaching bolts, nuts, and ball rod end jam nuts securely.

- 9). Check to see if stick position needs to be adjusted (ie: shift knob close to dash in Park or close to seat in Low). Adjustment is made by loosening lower stick mounting bolt and upper selector pin hex, then move stick to desired position (Figure #5). After adjustment is made, re-tighten mounting bolt and selector pin hex securely.

Note: Use two 9/16" open end wrenches when loosening or tightening selector pin hex.

- 10). Thread shifter knob onto stick and tighten chrome plated jam nut using a 1/2" open end wrench.

An optional black vinyl boot with a polished stainless steel trim plate is available to fit your shifter. This will give the installation a clean, rich, finished look. Order catalog #5671 from your local Rodware retailer.

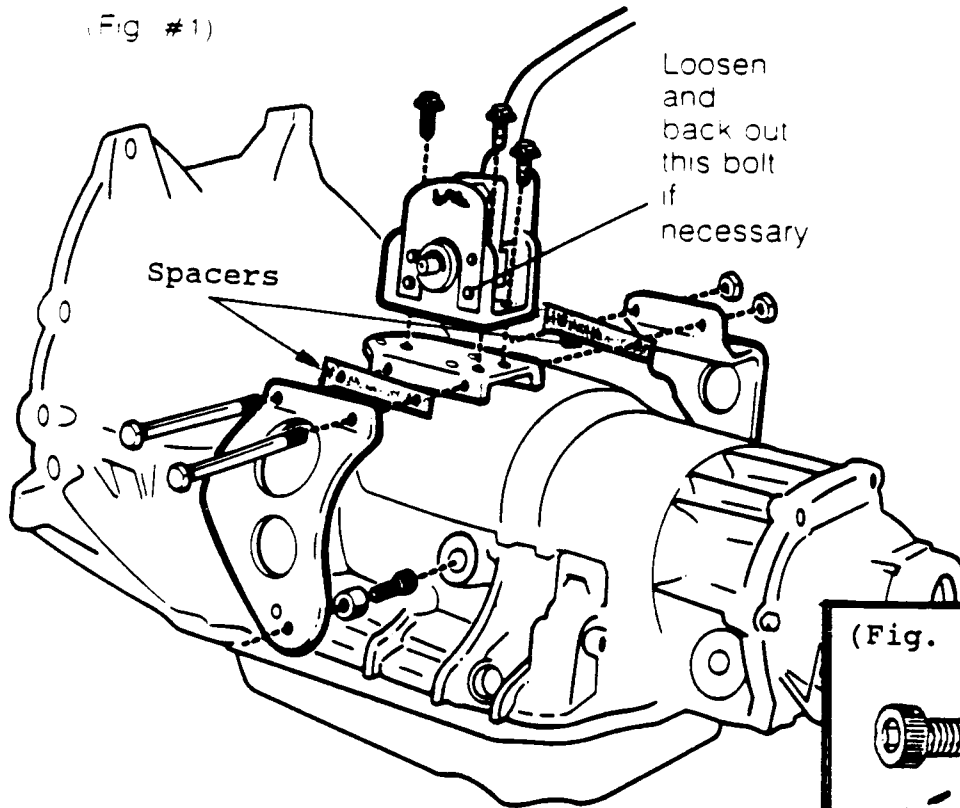
SHIFTER OPERATION

Your new Rodware Shifter maintains a high standard of quality and will give you many years of trouble-free performance when used in accordance to instructions. It is not a competition shifter and is designed for street use only. When changing gear selection, only light pressure is required to move the shifter stick back and forth.

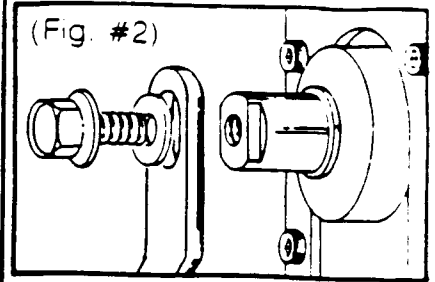
Caution: Before testing shifter operation, it is recommended vehicle be placed back on the ground, parking brake applied and wheels blocked. Vehicle should be parked in a safe location for testing. Be sure no one is in front of or behind vehicle during testing.

- 1). Apply brake pedal pressure while testing. Familiarize yourself with the operation of this shifter by moving shifter stick backward and forward through entire shift pattern (Figure #4A).

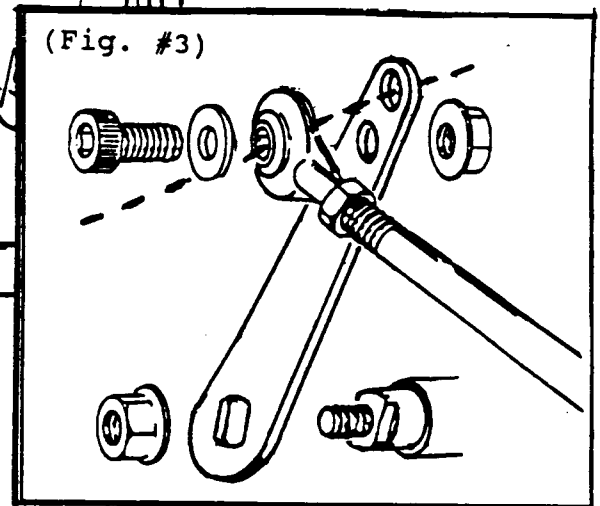
(Fig. #1)



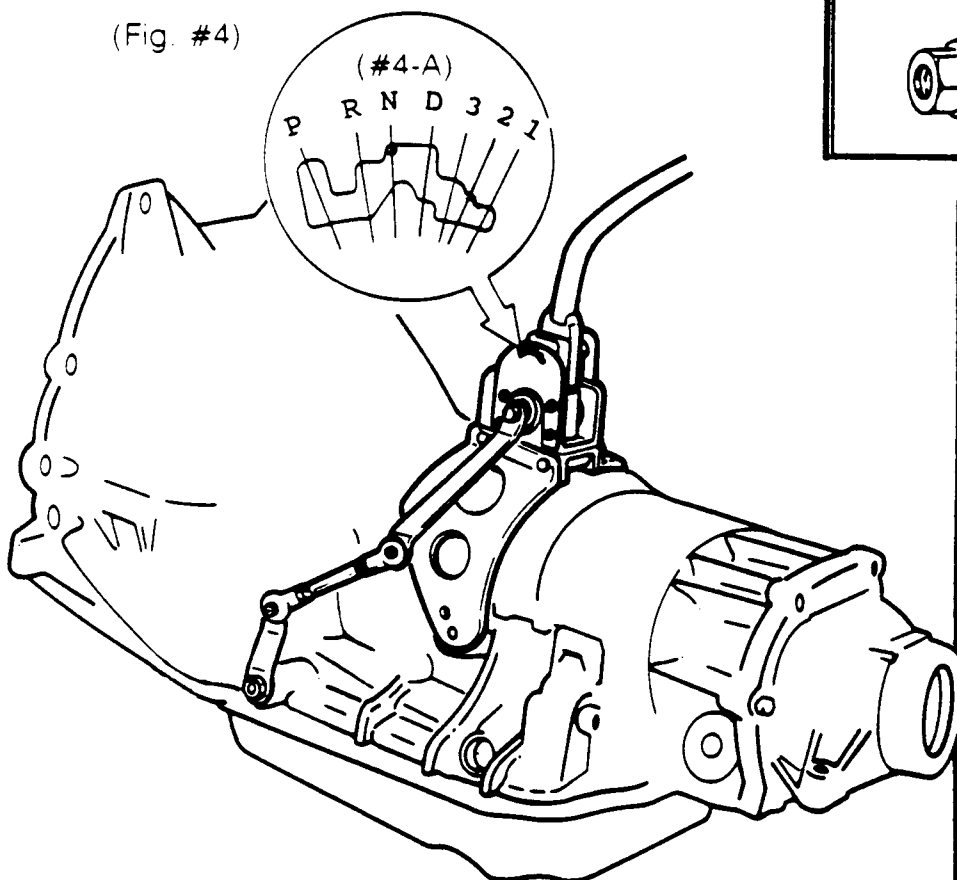
(Fig. #2)



(Fig. #3)



(Fig. #4)



(Fig. #5)

