



**STILL THE BEST!**

DENVER, COLORADO

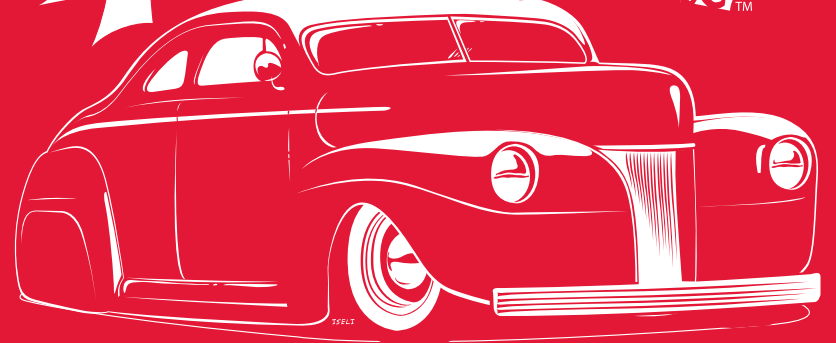
[GENNIESHIFTER.COM](http://GENNIESHIFTER.COM)

[GENNIESHIFTER.COM](http://GENNIESHIFTER.COM)

INST100G5

1-877-7-GENNIE

**INSTRUCTIONS**  
**GENNIE**  
**SHIFTER™**



**TH400 SHIFTER**

INST100G5

**BUTTON-LESS IS BETTER**

No Button • No Rattle • No Compromise

The *Original* and Still the best.

Shifters • Knobs • E-Brakes • Cables

Pedals • Boots • Dipsticks • Lights

Automatic Transmissions

Parts & Replacement Kits

[GENNIESHIFTER.COM](http://GENNIESHIFTER.COM)

1-877-7-GENNIE

# Installation & Adjustment

**This unit has been pre-assembled, adjusted to initial specifications. Adjustments may be required for you particular application.**

1. Determine position of 3-3/4" hole to be cut in floorboards by temporarily positioning shifter brackets on transmission.

**NOTE:** Some transmission brackets are formed from flat steel plates and may have multiple mounting positions.

2. Drill test hole in floorboards at selected position to obtain dead center of shifter. Use hole saw, snips, or drill bit to cut 3-3/4" hole in floorboards.

3. Install transmission brackets on transmission. Leave bolts at tailshaft housing slightly loose.

**NOTE:** (Optional) On mid-mount, rubber pads may be placed between saddle mount brackets and transmission to minimize any potential vibration.

4. The shift mechanism is then lowered through the 3-3/4" hole in the floorboards and bolted to the shifter brackets using the two 5/16" - 2-1/4" bolts and tubular spacers provided. Center the shift mechanism on its slotted holes and tighten. Take care not to over-tighten. SEE PICTURE

5. Before installing the shift linkage, shift the stick between park position (near dash) and low (near seat) & determine if the stick position needs to be adjusted by using the slotted holes in the shift mechanism. If so, loosen the two 5/16" - 2-1/4" bolts & adjust stick position, then re-tighten. SEE PICTURE

6. Install trans arm (see photos). On 400 turbo-hydro transmissions install arm with curve toward transmission. Use new split lock washer.

7. With transmission in park, using care not to position the lever past the park detent, as this will definitely confuse the procedure. Adjust linkage so that the 10-32 bolts can be installed without moving either arm.

**NOTE:** (Adjustment issues) If you are having trouble engaging a gear, typically Park or Low, remove the splined arm on the shifter and re-position one spline in the direction needed. If the stick position has been adjusted all the way back (toward the seat) using the slotted holes in the shift mechanism, the splined arm on the shifter will definitely have to be adjusted 1 spline to the rear or the transmission will not go into 1st gear.

8. With bolts tight, shift through all positions to check synchronization of shifter stops and transmission detents. Adjust linkage slightly if necessary.

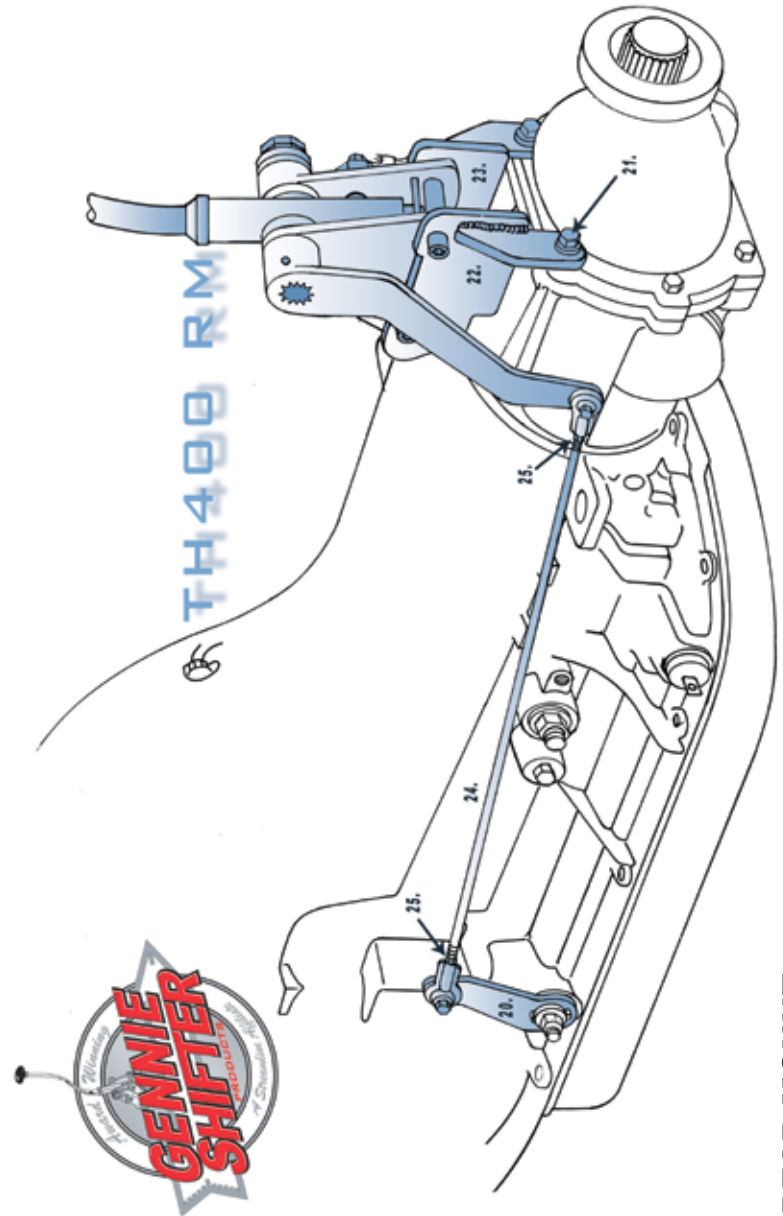
9. Adjust shifter friction (drag) by two 3/8" JAM NUTS on the cross shaft. (PROPER ADJUSTMENT REQUIRES A MODERATELY HEAVY AMOUNT OF DRAG TO AVOID SELF-SHIFTING.) SEE PICTURE

10. **NOTE:** If it becomes necessary to remove the stick from the mechanism for any reason, be sure to remove the spring #10 from the cross shaft before removing the roll pin #4 that holds the stick. The spring is behind the 3/8" set screw #11 that the jam nuts #12 are on. SEE PICTURE

11. If you desire a shorter stick, we stock several lengths including 12", 16", 23", 23" Swan, 23" Stainless Steel Swan and 28" sticks. Please call and order a retro fit kit.

© COPYRIGHT WARNING:  
All drawings & diagrams are property of & represent the intellectual assets of Gennie Shifter. Any use of copyrighted drawings or reproduction and/or reverse engineering of said property or assets will be subject to prosecution in a court of law. Hey, that's why

©



**REAR MOUNT  
Diagram Items 20 - 25**

**COMPONENT LIST FOR REAR MOUNT TH400 SHIFTER**

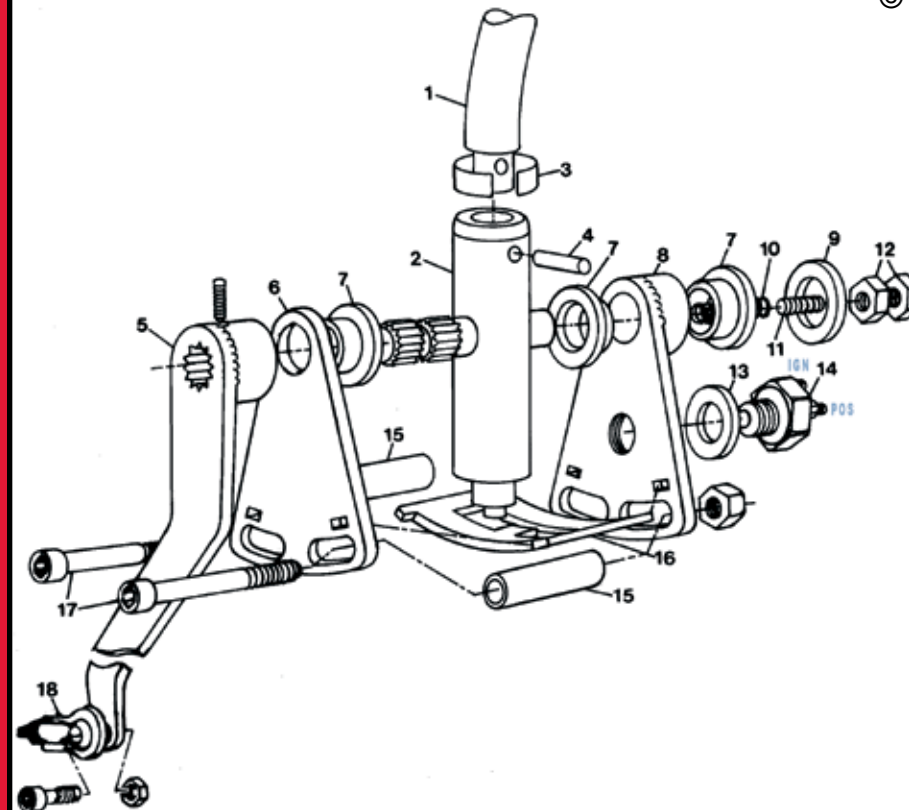
| Number on Diagram | Component    | Description                    | Quantity |
|-------------------|--------------|--------------------------------|----------|
| 1                 | 1015 to 1020 | Shifter Stick                  | 1        |
| 5                 | ARMS10002    | Shift Arm RM                   | 1        |
| 2                 | TBNG10001    | T - Tube                       | 1        |
| 3                 | RETA10001    | Roll Pin Retainer              | 1        |
| 4                 | PINS30001    | Pin - Roll 1/4 x 7/8           | 1        |
| 5                 | SCRW10012    | 10-24X5/16 Set Screw SHIFT ARM | 1        |
| 6                 | BRKT20032    | Triangle Bracket #1            | 1        |
| 7                 | BUSH10001    | Delrin Bushing                 | 3        |
| 8                 | BRKT20033    | Triangle Bracket #2            | 1        |
| 9                 | WASHNFC2     | WASHER #2 1" OD x 13/32 ID x . | 1        |
| 10                | SPRG         | Internal Spring                | 1        |
| 11                | SCRW10014    | 3/8-16 x 1" Sckt Set Screw     | 1        |
| 12                | NUTS10037    | NUT-JAM 3/8-16                 | 2        |
| 13                | WASH10011    | Shim .568 x 1 x .048           | 1        |
| 13                | WASH10030    | .553x.837odx.016 Shim          | 1        |
| 13                | WASHNFC5     | WASHER #5 Shim 1" OD x 9/16" I | 1        |
| 14                | SWCH20001    | Neutral Safety Switch          | 1        |
| 15                | SPAC10001    | SHIFTER TUBE                   | 2        |
| 16                | PLAT10002    | Plate - Selector 350 RM        | 1        |
| 17                | BOLT10011    | 5/16-18 x 2-1/2 Sckt Cap       | 2        |
| 18                | JONT10001    | Heim Joint                     | 2        |
| 20                | ARMS20006    | Trans Arm 350 RM               | 1        |
| 21                | BOLT10035    | 3/8-16 x 1 Soc Head            | 2        |
| 22                | BRKT20020    | Trans Bracket 400 RM LH        | 1        |
| 23                | BRKT20021    | Trans Bracket 400 RM RH        | 1        |
| 24                | RODS10003    | Linkage Rod 350-400 RM         | 1        |
| 25                | NUTS10035    | Nut - Jam 10-32 Plated         | 2        |
| for 1.            | CAPS20001    | Small Plastic Black Button Cap | 1        |
| for 1.            | KNOB         | KNOB-3 SPEED                   | 1        |
| for 1.            | NUTS10018    | Nut - Jam 5/16-18 SS           | 1        |
| for 17.           | NUTS10033    | Nut - Nylock 5/16-18           | 2        |
| for 17.           | WASH10029    | AN960 C516L Thin Washer SS     | 4        |
| for 18.           | BOLT10026    | 10-32x3/4 Soc Cap              | 2        |
| for 18.           | NUTS10009    | Nut - Nylock 10-32             | 2        |
| for 18.           | WASHNFC4     | WASHER #4 AN 960 C10 Washer    | 2        |
| for 21.           | SPAC10007    | 1/2 Tube                       | 2        |

**NEUTRAL SAFETY SWITCH**

The GENNIE SHIFTER comes with a double pole normally open safety switch which is connected into the wire (series) from the IGN (ignition) switch to the POS (positive) side of the starter solenoid.

**WARNING:** Proper operation of the neutral safety switch is extremely important so the vehicle does not start in gear. Due to variations in manufacturing, it may be required to shim the neutral safety switch, to allow for proper operation.

**UPPER SHIFTER  
Diagram Items 1 - 18**



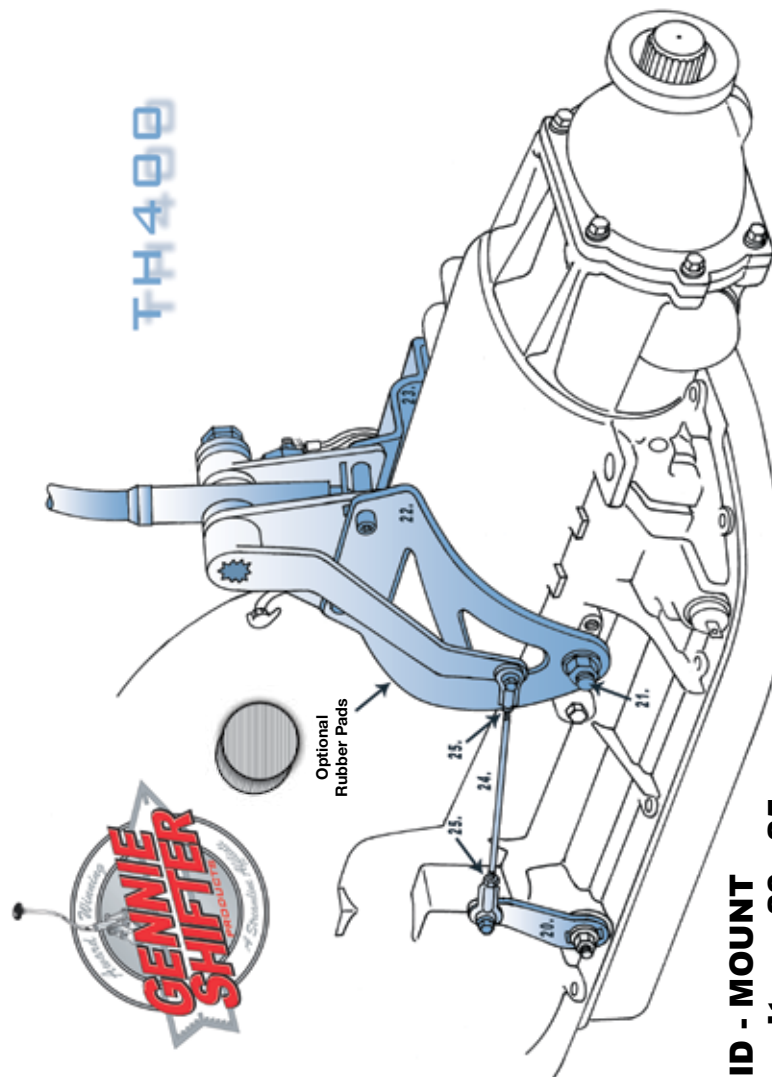
**READ THIS NOTICE**

This product will be partially or entirely replaced if defective in manufacture or packaging. Except for such replacement, the sale or any subsequent handling of this product is without warranty or liability even though defect, damage, or loss is caused by negligence or other fault. PLEASE CONSULT THE DEALER YOU PURCHASED THIS PRODUCT FROM.

**COMPONENT LIST FOR MID-MOUNT TH400 SHIFTER**

| Number on Diagram | Component    | Description                    | Quantity |
|-------------------|--------------|--------------------------------|----------|
| 1                 | 1015 to 1020 | Shifter Stick                  | 1        |
| 2                 | TBNG10001    | T - Tube                       | 1        |
| 3                 | RETA10001    | Roll Pin Retainer              | 1        |
| 4                 | PINS30001    | Pin - Roll 1/4 x 7/8           | 1        |
| 5                 | ARMS10001    | Shift Arms                     | 1        |
| 5                 | SCRW10012    | 10-24X5/16 Set Screw SHIFT ARM | 1        |
| 6                 | BRKT20032    | Triangle Bracket #1            | 1        |
| 7                 | BUSH10001    | Delrin Bushing                 | 3        |
| 8                 | BRKT20033    | Triangle Bracket #2            | 1        |
| 9                 | WASHNFC2     | WASHER #2 1" OD x 13/32 ID x . | 1        |
| 10                | SPRG         | Internal Spring                | 1        |
| 11                | SCRW10014    | 3/8-16 x 1" Sckt Set Screw     | 1        |
| 12                | NUTS10037    | NUT-JAM 3/8-16                 | 2        |
| 13                | WASH10011    | Shim .568 x 1 x .048           | 1        |
| 13                | WASH10030    | .553x.837odx.016 Shim          | 1        |
| 13                | WASHNFC5     | WASHER #5 Shim 1" OD x 9/16" I | 1        |
| 14                | SWCH20001    | Neutral Saftey Switch          | 1        |
| 15                | SPAC10001    | SHIFTER TUBE                   | 2        |
| 16                | PLAT10001    | Plate - Selector 350-400       | 1        |
| 17                | BOLT10011    | 5/16-18 x 2-1/2 Sckt Cap       | 2        |
| 18                | JONT10001    | Heim Joint                     | 2        |
| 20                | ARMS20007    | Trans Arm 350                  | 1        |
| 21                | STUD20001    | Trans Bracket Stud             | 2        |
| 22                | BRKT20002    | Trans Brkt 400/ 700 2 Hole RH  | 1        |
| 23                | BRKT20003    | Trans Bracket 400/700 LH       | 1        |
| 24                | RODS40005    | Linkage Rod 5 1/2in            | 1        |
| 25                | NUTS10035    | Nut - Jam 10-32 Plated         | 2        |
| for 1.            | CAPS20001    | Small Plastic Black Button Cap | 1        |
| for 1.            | KNOB         | KNOB-3 SPEED                   | 1        |
| for 1.            | NUTS10018    | Nut - Jam 5/16-18 SS           | 1        |
| for 17.           | NUTS10033    | Nut - Nylock 5/16-18           | 2        |
| for 17.           | WASH10029    | AN960 C516L Thin Washer SS     | 4        |
| for 18.           | BOLT10026    | 10-32x3/4 Soc Cap              | 2        |
| for 18.           | NUTS10009    | Nut - Nylock 10-32             | 2        |
| for 18.           | WASHNFC4     | WASHER #4 AN 960 C10 Washer    | 2        |
| for 21.           | NUTS10021    | Nut - Jam 3/8-24 NI            | 2        |
| for 21.           | WASHNFC3     | WASHER #3 3/8 AN 960 C616L     | 2        |
| for 22 and 23.    | INSR10001    | Rubber Insert - Round          | 2        |
| for 22.           | BRKT20031    | Saddle Spacer Bracket          | 1        |

©



**MID - MOUNT  
Diagram Items 20 - 25**