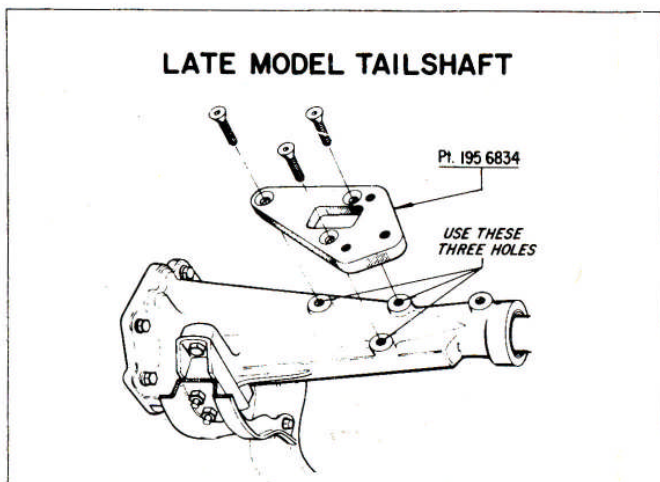


# COMPETITION/PLUS®

U.S. PATENT NO. 3,216,274 & NO. 3,306,126



## INSTALLATION INSTRUCTIONS



Should interference occur between the Reverse rod end and the 1-2 button in the shifter lever, you may have to cut off the end of the Reverse rod that extends beyond the button.

## CONTENTS OF KIT

### 373 3185

- |                                       |                  |
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| 3. 5/16" SPLIT LOCKWASHER             |                  |
| 4. 5/16 - 18 x 1 FLAT HD. SOCKET      |                  |
| 5. 7/16 - 14 x 3 HEX HD. CAP SCREW    |                  |
| 6. 7/16" SPLIT LOCKWASHER             |                  |
| 7. 7/16" FLATWASHER                   |                  |
| 8. 3/8 - 16 x 2-3/4 HEX HD. CAP SCREW |                  |
| 9. 3/8" INTERNAL TOOTH LOCKWASHER     |                  |
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### 3735587

- |                           |              |
|---------------------------|--------------|
| MOUNTING PLATE            |              |
| NOT USED                  |              |
| NOT USED                  |              |
| 7/16 - 20 x 3 H.H.C.S.    |              |
| 3/8 - 24 x 2-3/4 H.H.C.S. |              |
| Pt. 117 6889              |              |
| Pt. 148 1725              |              |
| Pt. 105 2723              |              |
| Pt. 213 1720              |              |
| Pt. 118 1681 (6)          |              |
| Pt. 97000015 (6)          |              |
| Pt. 105 2108              |              |
| Pt. 213 2774              |              |
| Pt. 105 2725              |              |
| Pt. 213 3207              |              |
| BAGGED HARDWARE           | Pt. 154 4197 |

1. Install mounting plate on tailshaft. Tighten all bolts securely.

2. Install Shifter onto mounting plate. Tighten mounting bolts.

If back-up light switch bracket (Pt. 117 6889) is to be used, install it on the shifter before installing on mounting plate. The 3rd gear stop bolt is used to fasten this bracket. Hurst back-up light switch kit (Pt. 248 0003) can be purchased if your car was not equipped with the back-up light switch pictured on this sheet.

3. Insert nylon bushings into arms. Assemble hooked ends of rods into arms and secure with spring clips. Check Assembly View for proper combination of parts.

4. Thread rod adjusting buttons onto rods. Spin buttons onto middle of thread length.

5. Install arm-rod-button assemblies onto transmission shafts. Refer to Assembly View for proper part combinations. Fasten arms onto shafts with stock flatwashers, lockwashers and nuts.

6. Insert nylon bushings into holes in levers - refer to Assembly View. Align levers with Shifter frame and insert neutral alignment rod (Pt. 1725) through notches in frame and holes in levers.

7. Rotate transmission arms backward and forward. The neutral position for each arm can be felt at the mid-position of full travel. Reverse arm must be moved to the end of its travel toward the front (dis-engaged position).

8. Adjust positions of button on each rod to permit easy slip-in fit of button into nylon bushing in proper lever. TRANSMISSION ARMS MUST REMAIN IN NEUTRAL POSITION WHILE ALIGNMENT IS ACCOMPLISHED. Fasten buttons in levers with spring clips.

9. Remove neutral alignment rod. Test Shifter. Stick should move freely from side to side at neutral (between 1-2 and 3-4 shifting paths). An increased pull toward the operator should engage the reverse lever. If Shifter functions properly, proceed to paragraph 10.

If the stick CANNOT be moved freely between 1-2 to 3-4 or reverse path, one or more of the rod button adjustments must be corrected. Move stick forward to 3rd, then back to 4th, then into neutral. Insert neutral alignment rod. If rod CANNOT be inserted freely, the 3-4 rod button is incorrectly adjusted. Similar testing of 1-2 shift will prove alignment of 1-2 rod adjustment.

To check reverse rod button adjustment, place stick at neutral. Disconnect reverse rod adjusting button from reverse lever. Grasp rod and push toward front of car. (Reverse arm is dis-engaged when at end of forward travel.) Adjust rod button for easy slip-in fit in bushing. Re-assemble and fasten with spring clip.

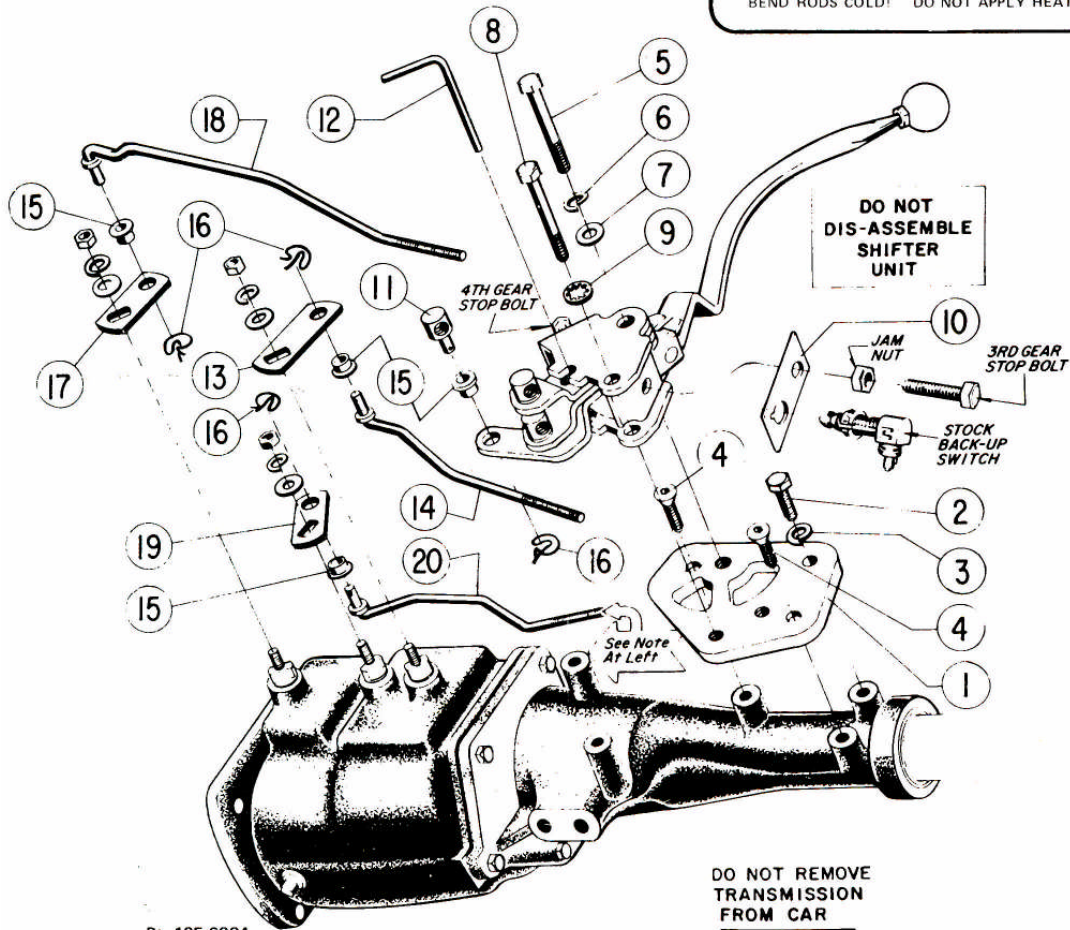
10. Adjust Shifter stop bolts. Back both bolts out of shifter frame until only a few threads remain engaged. Push stick firmly into 3rd gear and hold. Screw 3rd gear stop bolt in until contact is felt. Back bolt out one turn and tighten lock nut. Pull stick firmly back into 4th gear, screw 4th gear stop bolt in until contact is made, then back stop bolt out one turn and tighten lock nut.

## ATTENTION

Due to variations in auto manufacturing tolerances, the transmission rods supplied with this kit may require slight bending to clear obstructions, etc.

Protect the threads while bending.

BEND RODS COLD! DO NOT APPLY HEAT!



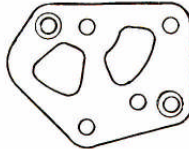
DO NOT REMOVE  
TRANSMISSION  
FROM CAR

373 3185 - 373 5587

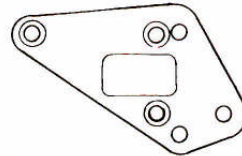
## MOUNTING PLATES

373 3185

3735587



Pt. 195 3176



Pt. 195 6834

