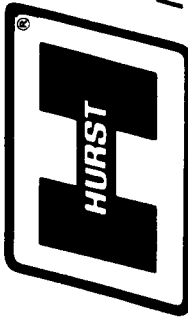


## COMPETITION/PLUS<sup>®</sup> FOUR SPEED FLOOR SHIFT INSTALLATION INSTRUCTIONS

U.S. PATENT NO. 3,216,274 & NO. 3,306,176



1. Remove stock linkage. Use the stock 5/16" countersunk Phillips screw and nut to fasten the HURST mounting plate (at top hole). Two 5/16" - 18 x 1 flat head socket screws are provided with this kit for the two lower mounting holes. Tighten bolts after all have been started.
2. Assemble arms with their respective rods using bushings and spring clips. Refer to exploded assembly drawing for proper combination. Spin rod adjusting buttons onto threaded ends of rods (up about half way on threaded length).

3. Install shifter on mounting plate with bolts supplied. Insert bushings into holes in levers — refer to assembly view. Align levers with shifter frame and insert neutral alignment rod (Pt. 148 1725) through notches in frame and holes in lever.
4. 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). Transmission arms must remain in neutral positions while alignment is accomplished.

5. Install arm/rod assemblies on transmission shafts. Adjust position of buttons on rods to allow an easy slip-in fit of button into steel bushing in each respective shifter lever. Install 1-2 arm/rod, then 3-4 arm/rod and finally, the reverse arm/rod assembly. Refer to the exploded assembly drawing for proper combination. Remove the neutral alignment pin after all buttons have been secured with spring clip. Test shifter. Stick should move freely from side to side in 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 7.

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.

6. 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 air 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.

7. 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 locknut. 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 locknut.

8. Trim left-hand rear corner of cover plate as needed, to clear shifter and replace on floorpan. Cover the opening with a piece of sheet aluminum to seal out dirt and water. (Shape this piece of aluminum into a generous radius to clear the shifter). Fasten aluminum piece to cover plate with sheet metal screws.

### 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!

CHECK NUMBERS STAMPED ON PARTS WITH NUMBERS SPECIFIED IN "CONTENTS OF KIT"

### CONTENTS OF KIT

- |  |                  |
|--|------------------|
| 1. MOUNTING PLATE                        | Pt. 195 4624     |
| 2. 5/16" - 18 x 1 FLAT HEAD SOCKET SCREW | (2)              |
| 3. SHIFTER AND STICK ASSEMBLY            | Pt. 391 6644     |
| 4. STICK                                 | Pt. 238 6643     |
| 5. STIFFENER PLATE                       | Pt. 195 5271     |
| 6. 3/8" - 24 x 1 1/2 HEX HEAD CAP SCREW  | (2)              |
| 7. 3/8" SPLIT LOCKWASHER                 | (2)              |
| 8. 7/16" - 20 x 3 HEX HEAD CAP SCREW     |                  |
| 9. 7/16" SPLIT LOCKWASHER                |                  |
| 10. 7/16" FLAT WASHER                    |                  |
| 11. 3/8" - 24 x 2 3/4 HEX HEAD CAP SCREW |                  |
| 12. 3/8" INTERNAL TOOTH LOCKWASHER       |                  |
| 13. ARM 1 - 2                            | Pt. 105 2140     |
| 14. ROD 1 - 2                            | Pt. 213 4626     |
| 15. NYLON BUSHING                        | Pt. 118 1681 (6) |
| 16. SPRING CLIPS                         | Pt. 127 2412 (6) |
| 17. ARM 3 - 4                            | Pt. 105 2141     |
| 18. ROD 3 - 4                            | Pt. 213 1579     |
| 19. ARM REVERSE                          | Pt. 105 4622     |
| 20. ROD REVERSE                          | Pt. 213 4623     |
| 21. ROD ADJUSTING BUTTON                 | Pt. 119 3783 (3) |
| 22. NEUTRAL ALIGNMENT ROD                | Pt. 148 1725     |

BAGGED HARDWARE Pt. 154 3153

