

COMPETITION/PLUS®

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

INSTALLATION INSTRUCTIONS

WARNING

THIS TRANSMISSION DOES NOT HAVE AN INTER-LOCK TO PREVENT ENGAGEMENT OF THE REVERSE GEAR WHEN ANY OF THE FORWARD GEARS ARE ENGAGED. SEVERE DAMAGE TO THE TRANSMISSION WILL RESULT IF THIS SHOULD OCCUR. DOUBLE-CHECK THE LINKAGE BEFORE STARTING THE ENGINE OR MOVING THE CAR. INSERT NEUTRAL ALIGNMENT ROD (Pt. 1725) THROUGH LEVERS AND CHECK POSITIONS OF TRANSMISSION SHIFTING ARMS. 1-2 AND 3-4 TRANSMISSION CONTROL ARMS MUST BE AT NEUTRAL POSITIONS OF THEIR TRAVEL. REVERSE GEAR CONTROL ARM MUST BE AT FORWARD END OF ITS TRAVEL (DIS-ENGAGED).

1. Install mounting plate on tailshaft. Tighten all bolts securely.
2. Install Shifter onto mounting plate. Tighten mounting bolts.

NOTE

Hurst back-up light switch and bracket kit (Pt. 248 0003) is available from your dealer. Fasten this bracket under the jam nut on the third gear stop bolt before you install the shifter on the mounting plate.

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.

FILL OUT GUARANTEE CARD COMPLETELY AND RETURN PROMPTLY

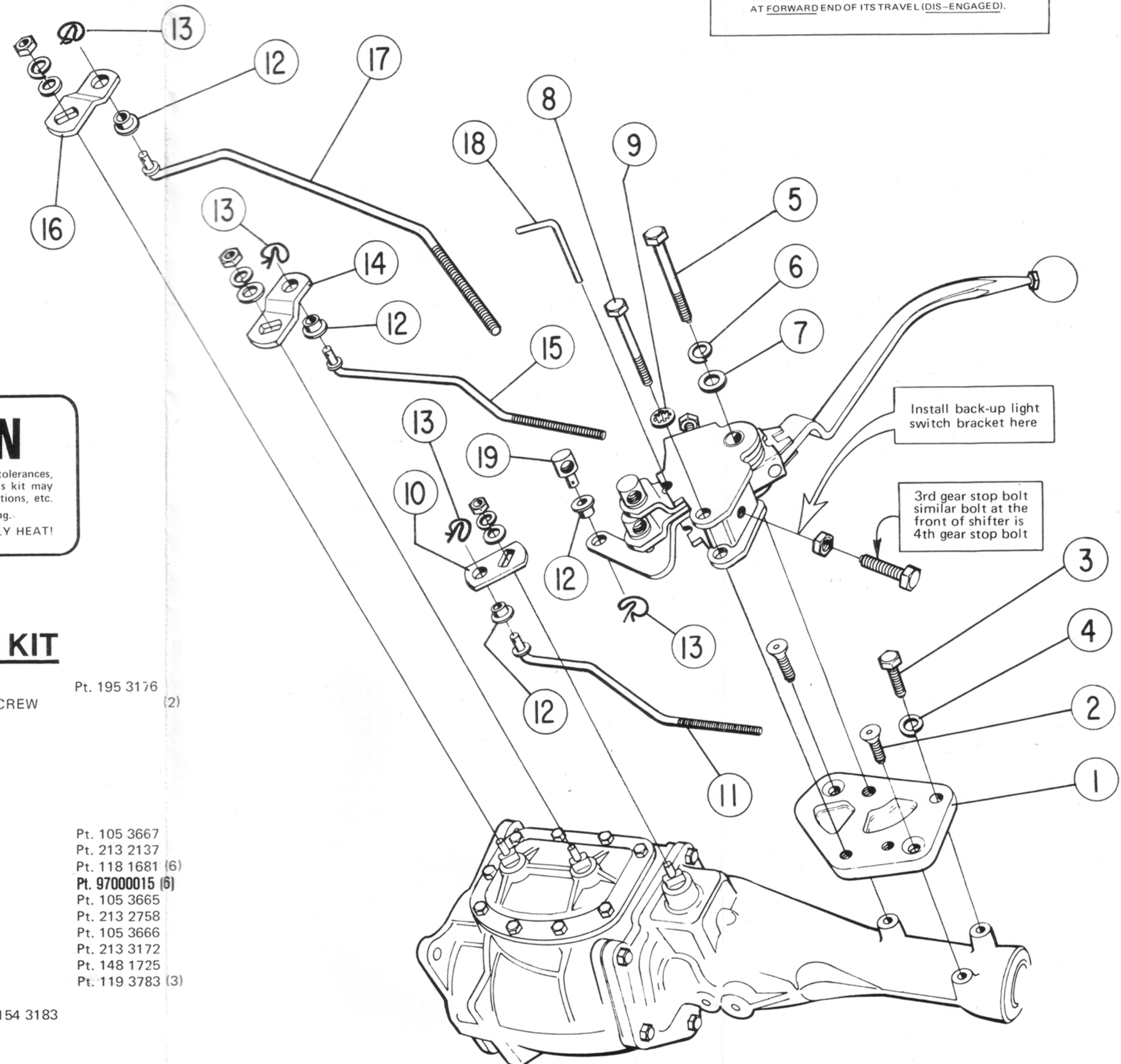
ATTENTION

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!

CONTENTS OF KIT

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|---|------------------|
| 1. MOUNTING PLATE | Pt. 195 3176 |
| 2. 5/16 - 18 x 1 FLAT HEAD SOCKET SCREW | (2) |
| 3. 5/16 - 18 x 1 BOLT | |
| 4. 5/16" SPLIT LOCKWASHER | |
| 5. 7/16 - 14 x 3 BOLT | |
| 6. 7/16" SPLIT LOCKWASHER | |
| 7. 7/16" FLAT WASHER | |
| 8. 3/8 - 16 x 2 3/4 BOLT | |
| 9. 3/8" INTERNAL LOCKWASHER | |
| 10. ARM REVERSE | Pt. 105 3667 |
| 11. ROD REVERSE | Pt. 213 2137 |
| 12. NYLON BUSHING | Pt. 118 1681 (6) |
| 13. SPRING CLIP | Pt. 97000015 (6) |
| 14. ARM 1 - 2 | Pt. 105 3665 |
| 15. ROD 1 - 2 | Pt. 213 2758 |
| 16. ARM 3 - 4 | Pt. 105 3666 |
| 17. ROD 3 - 4 | Pt. 213 3172 |
| 18. NEUTRAL ALIGNMENT ROD | Pt. 148 1725 |
| 19. ROD ADJUSTING BUTTON | Pt. 119 3783 (3) |

BAGGED HARDWARE - Pt. 154 3183



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