



COMPETITION/PLUS

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

INSTALLATION INSTRUCTIONS

1. Install mounting plate on tailshaft. Use spacers between mounting plate and bosses of tailshaft. Tighten the three bolts equally. Install shifter. Tighten mounting bolts.
2. Assemble hooked ends of rods with arms using bushings and spring clips as shown. Refer to exploded assembly view for proper parts combinations. Spin rod adjusting buttons onto threaded ends of rods to about the middle of the thread length.
3. Install arm-rod button assemblies onto transmission shafts. Refer to Assembly View for proper parts combination. Fasten arms onto shafts with stock hardware.
4. 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 & holes in levers.
5. 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).
6. Adjust position of button on each rod to permit easy slip-in fit of button into bushing in proper lever. TRANSMISSION ARMS MUST REMAIN IN NEUTRAL POSITIONS WHILE ALIGNMENT IS ACCOMPLISHED. Fasten buttons in levers with spring clips.
7. 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 9.

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 toward to 3rd, then back to 4th, then into neutral. Insert neutral alignment rod. If rod CANNOT be inserted freely, the 3 - 4 button is incorrectly adjusted. Similar testing of 1 - 2 shift will prove alignment of 1 - 2 rod adjustment.

8. 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.

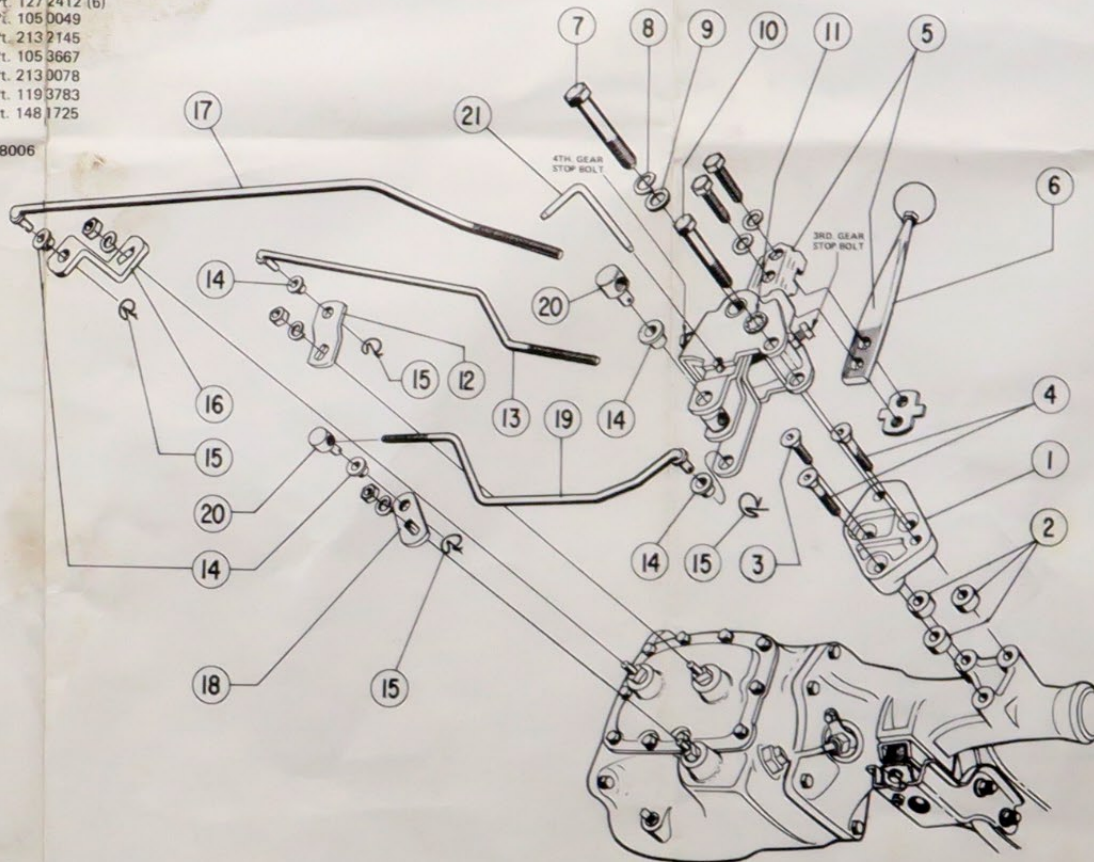
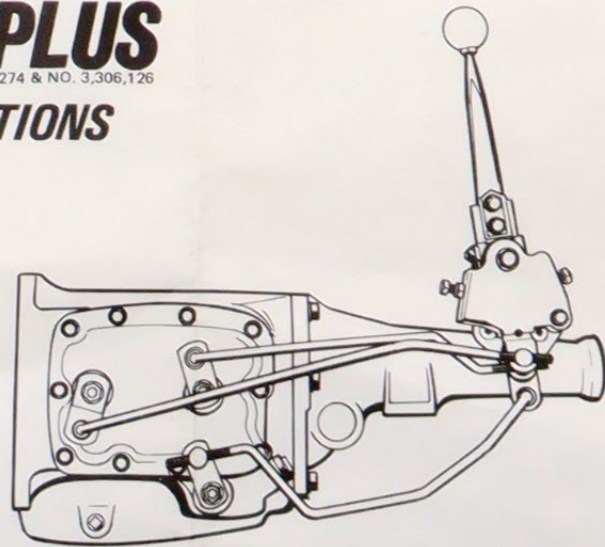
9. Adjust shifter stop bolts. Back bolts out of shifter frame until only a few threads remain engaged. Push stick firmly into 3rd gear and hold. Screw 3rd gear stop bolt in until contact is felt. Back bolt out one turn and tighten lock nut. Pull stick firmly back into 4th gear, screw 4th gear stop bolt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

NOTE: The 3 - 4 rod may strike the top flange of the cross-member. Cut a small notch off of this flange to eliminate such interference.

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| 2. SPACER | Pt. 228 8036 (3) |
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| 4. 3/8 - 16 x 1 3/4 FLAT HEAD SOCKET SCREW | Pt. 215 3035 (2) |
| 5. SHIFTER ASSEMBLY | Pt. 391 8794 |
| 6. STICK | Pt. 238 8009 |
| 7. 7/16 - 14 x 3 1/4 HEX HEAD CAP SCREW | Pt. 215 5649 |
| 8. 7/16" SPLIT LOCKWASHER | Pt. 267 3469 |
| 9. 7/16" FLATWASHER | Pt. 267 3475 |
| 10. 3/8 - 16 x 3 HEX HEAD CAP SCREW | Pt. 215 3450 |
| 11. 3/8" INTERNAL TOOTH LOCKWASHER | Pt. 267 3533 |
| 12. ARM 1 - 2 | Pt. 105 2141 |
| 13. ROD 1 - 2 | Pt. 213 2815 |
| 14. BUSHING | Pt. 118 3311 (6) |
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| 16. ARM 3 - 4 | Pt. 105 0049 |
| 17. ROD 3 - 4 | Pt. 213 2145 |
| 18. ARM - REVERSE | Pt. 105 3667 |
| 19. ROD - REVERSE | Pt. 213 0078 |
| 20. ROD ADJUSTING BUTTON | Pt. 119 3783 |
| 21. NEUTRAL ALIGNMENT PIN | Pt. 148 1725 |

BAGGED HARDWARE Pt. 154 8006



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!

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