



COMPETITION/PLUS® FOUR SPEED FLOOR SHIFT

373 7897

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

INSTALLATION INSTRUCTIONS

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!

WARNING

THIS TRANSMISSION DOES NOT HAVE AN INTERLOCK 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).

CHECK THE PART NUMBERS STAMPED ON ALL PARTS RECEIVED WITH KIT WITH THE PART NUMBERS SPECIFIED

1. Remove stock shifter and linkage. Disconnect backdrive rod at stock Reverse Arm only.
2. Install shifter onto mounting plate. Tighten mounting bolts. 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.
3. Thread rod adjusting buttons onto rods. Spin buttons onto middle of thread length.
4. 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 bolts.
5. 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.
6. 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).
7. Adjust position of button on each rod to permit easy slip-in fit of button into nylon bushings in proper lever. TRANSMISSION ARMS MUST REMAIN IN NEUTRAL POSITIONS WHILE ALIGNMENT IS ACCOMPLISHED. Fasten buttons in levers with spring clips.
8. 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 forward 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.

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 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.
10. Connect the backdrive linkage rod to the hole provided at the lower end of the arm. See note in side view picture. Fasten with stock clip.

NOTE: – After installation has been completed, check to be sure that the column lock functions properly. If backdrive does not lock column, or if shifter cannot be put into REVERSE, adjust backdrive linkage at lower end of column rod.

CONTENTS OF KIT

- | | |
|-------------------------|-----|
| 6. ROD ADJUSTING BUTTON | |
| 7. NYLON BUSHING | |
| 8. SPRING CLIP | |
| 9. ARM | 1-2 |
| 10. ROD | 1-2 |
| 11. ARM | 3-4 |

- | |
|------------------|
| Pt. 119 3783 (3) |
| Pt. 118 1681 (6) |
| Pt. 97000015 (6) |
| Pt. 105 7129 |
| Pt. 213 3646 |
| Pt. 105 7130 |

- | | |
|---------------------------|---------|
| 12. ROD | 3-4 |
| 13. ARM | REVERSE |
| 14. ROD | REVERSE |
| 15. NEUTRAL ALIGNMENT ROD | |
| BAGGED HARDWARE | |

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|--------------|
| Pt. 213 2139 |
| Pt. 105 7899 |
| Pt. 213 2137 |
| Pt. 148 1725 |
| Pt. 154 6821 |



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