



COMPETITION/PLUS[®] FOUR SPEED FLOOR SHIFT

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

373 3163
391 7308

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

- Remove stock shifter and linkage.
- Install mounting plate on tailshaft. Tighten all bolts securely. 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.
- Thread rod adjusting buttons onto rods. Spin buttons onto middle of thread length.
- 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.
- 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.
- 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).
- 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.
- 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 and 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.
- 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.

FILL OUT GUARANTEE CARD COMPLETELY AND RETURN PROMPTLY.

CONTENTS OF KIT

1. MOUNTING PLATE	Pt. 195 7773	11. SPRING CLIP	Pt. 97000015 (6)
2. 3/8 - 16 x 3/4 HEX HEAD CAP SCREW	Pt. 96000540 (3)	12. ARM 3-4	Pt. 105 2441
3. 3/8" INTERNAL TOOTH LOCKWASHER	Pt. 267 3533 (4)	13. ROD 3-4	Pt. 213 2139
4. 7/16 - 14 x 3 HEX HEAD CAP SCREW	Pt. 215 3447	14. ARM REVERSE	Pt. 105 2442
5. 7/16" SPLIT LOCKWASHER	Pt. 97000404	15. ROD REVERSE	Pt. 213 3404
6. 7/16" FLATWASHER	Pt. 96000561	16. ROD ADJUSTING BUTTON	Pt. 119 3783 (3)
7. 3/8 - 16 x 2 3/4 HEX HEAD CAP SCREW	Pt. 215 3448	17. NEUTRAL ALIGNMENT ROD	Pt. 148 1725
8. ARM 1-2	Pt. 105 2440	18 3/8" FLATWASHER	Pt. 97090058
9. ROD 1-2	Pt. 213 2438	BAGGED HARDWARE	Pt. 154 3151
10. NYLON BUSHING	Pt. 118 1681 (6)		

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