



COMPETITION/PLUS®

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

INSTALLATION INSTRUCTIONS

373 8609

391 8794
(shown)

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).

- Disconnect backdrive linkage at reverse arm only. Remove all other stock linkage completely. Remove stock shifter and mounting plate.
- Install HURST mounting plate. Tighten all bolts. Install shifter on mounting plate with spacer plate between the shifter and the mounting plate. Tighten both shifter mounting bolts.
- Assemble rods with their respective arms using nylon bushings and spring clips. Spin rod adjusting buttons onto about the mid-length of thread of each rod.
- Install arm/rod/button assemblies onto transmission shafts. Refer to AssemblyView for proper part combinations. Fasten arms onto shafts with stock hardware.
- Insert nylon 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 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 all the way to forward end of travel (dis-engaged position).
- 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 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 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 clips.
- 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.
- Connect the stock backdrive rod to the hole in the lower end of the REVERSE arm. Check operation of the steering column lock. Adjust the stock linkage, if necessary.

CONTENTS OF KIT

1. MOUNTING PLATE	Pt. 195 0065	14. ROD ADJUSTING BUTTON	Pt. 119 3783 (3)
2. 3/8 - 16 x 1 FLAT HEAD SOCKET SCREW	Pt. 215 3499	15. BUSHING	Pt. 118 1681 (6)
3. 3/8 - 16 x 1 HEX HEAD CAP SCREW	Pt. 215 3427 (2)	16. SPRING CLIP	Pt. 97000015 (6)
4. 3/8" SPLIT LOCKWASHER	Pt. 97000359 (2)	17. ARM 1-2	Pt. 105 2440
5. SPACER PLATE	Pt. 195 4319	18. ROD 1-2	Pt. 213 4646
7. 7/16 - 14 x 3 HEX HEAD CAP SCREW	Pt. 215 3447	19. ARM 3-4	Pt. 105 2441
8. 7/16" SPLIT LOCKWASHER	Pt. 97000404	20. ROD 3-4	Pt. 213 2139
9. 7/16" FLAT WASHER	Pt. 96000561	21. ARM REVERSE	Pt. 105 0028
10. 3/8 - 16 x 3 HEX HEAD CAP SCREW	Pt. 215 3450	22. ROD REVERSE	Pt. 213 6818
11. 3/8" INTERNAL TOOTH LOCKWASHER	Pt. 267 3497	BAGGED HARDWARE	Pt. 154 0061
13. NEUTRAL ALIGNMENT ROD	Pt. 148 1725		

PERFORMANCE GROUP®

Cleveland, Ohio

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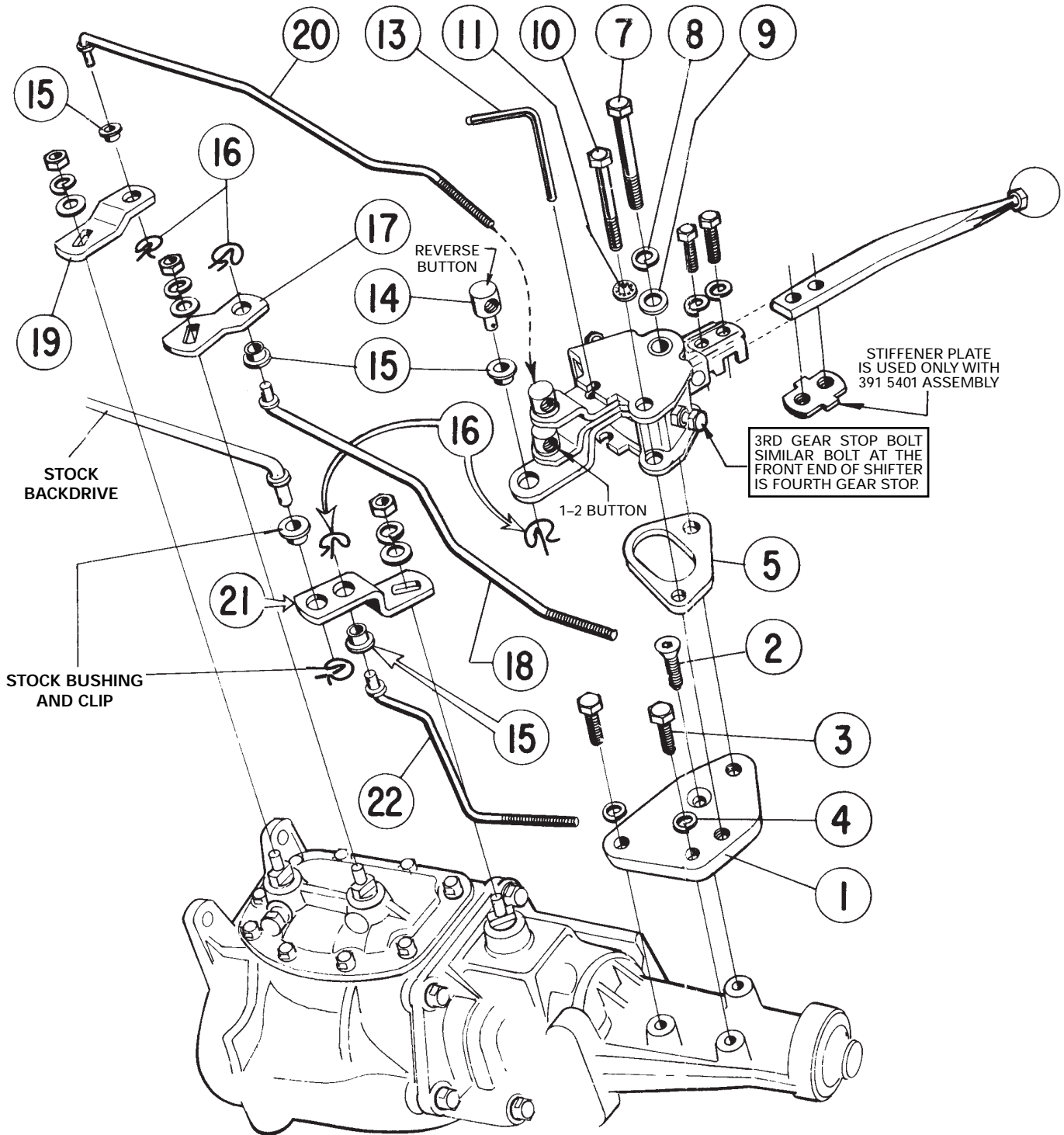
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