

# INSTRUCTIONS

**910-21903**  
**Tru Shift II Linkage**  
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## TRU SHIFT II INSTALLATION

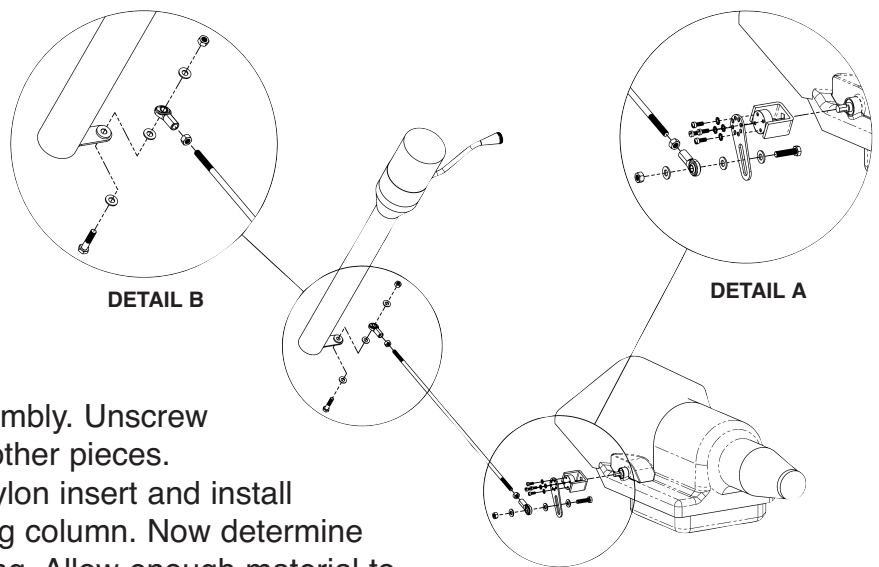
This kit is designed to fit shift linkage on turbo 350 and 400 transmissions to GM steering columns.

**SAFETY NOTE:** Disconnect battery while performing this shift installation. Check operation of neutral safety switch to prevent accidental in-gear startup.

1. Remove nut on U-shaped bracket on shift side of transmission.
2. Install new modified U-bracket and hub from kit and replace nut from step 1.
3. Rotate transmission to "PARK" position when new bracket installed.
4. Mount shifting arm (provided) using four (4) 10-32 X 1/2" screws (provided). Locate nine (9) o'clock position and rotate depending on location of shift lever on steering column. Shifting arm can be rotated in any of 360 degree positions if suggested location does not apply to your application.
5. Screw 5/16-24 lock nut and ball joint onto threaded 5/16" shift rod (provided). Shift rod may need to be bent or shortened depending on installation. Slide other end of rod into hold down off of steering column.
6. Install 5/16-24 X 1/4" bolt, washers, and nut provided in kit as shown:

Locate shaft on slot, measuring off of center hole of shift bracket. Must be the same distance as measurement off of steering column arm. This will assure gears in transmission match corresponding letters on shift patterns of column. If they don't, you may move ball joint up or down in slot until desired shift indicator pattern is achieved.

7. Included in the kit is a ball joint assembly. Unscrew the nut from the bolt as well as the other pieces. Take the rubber grommet with the nylon insert and install in hole off of shift arm on the steering column. Now determine length of shift rod and mark for cutting. Allow enough material to thread rod end and allow for ball joint adjustment. After cutting, thread rod end with 5/16-24 thread die. Screw 5/16-24 hex nut and ball joint on rod. Use balance of fasteners in assembly to finish hooking up to your steering column as shown in diagram.
8. Tighten all connections to complete installation.



**NOTE:** TRU SHIFT can be used for floor shift installation. If shift arm is not long enough for correct shift indicator location, a longer arm can be ordered from our website at [www.speedwaymotors.com](http://www.speedwaymotors.com).

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# IMPORTANT

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