



# Old School Horn Kit

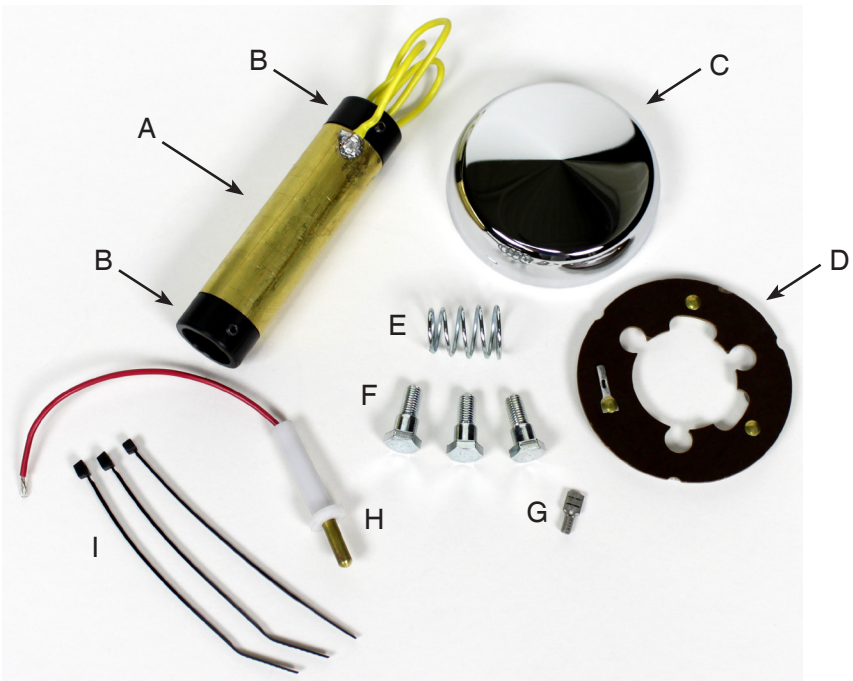
## INSTALLATION INSTRUCTIONS

*for ididit Old School Straight Steering Columns*

PART NUMBER'S: 1012360010 & 1012360025

### Old School Horn Kit contains the following parts:

- |   |                                    |
|---|------------------------------------|
| A) Brass Sleeve (with horn contact wire attached) | E) Spring                          |
| B) 2 black delrin end caps with set screws        | F) 3 bolts (1/4 28 shoulder bolts) |
| C) Grant classic horn button                      | G) female spade connector          |
| D) Grant horn contact plate                       | H) horn plunger                    |
|   | I) 3 zip ties                      |



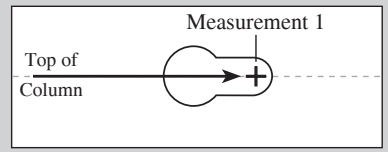
### Tools you will need to install:

- |                             |                      |
|-----------------------------|----------------------|
| 1) 5/64 & 5/32 Allen Wrench | 4) 5/16 in drill bit |
| 2) Drill and/or Drill Press | 5) 7/16 wrench       |
| 3) 1/2 in drill bit         | 6) Small file        |

1. After shortening your Old School steering column to the desired length (*see Old School Straight column instructions*) position the assembled column underneath the dash. From here you will determine the location of the keyhole that will need to be drilled in order to insert the horn plunger into the column tube. The hole can be placed behind the underdash mount, at the floor board, underneath the carpet, the choice is yours.

Measure from the top of the column to determine where the horn plunger will be located. Mark this position on the column tube. This mark will be the center point for the smaller hole in the keyhole (*see Diagram 1*).

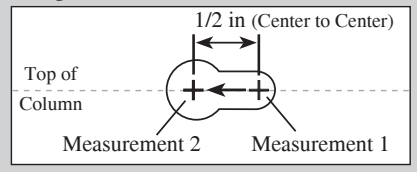
**Diagram 1**



2. Remove the column from under the dash once you have marked your preferred horn plunger location.

3. To complete the keyhole, measure 1/2" from measurement 1 (*towards top of column*). Mark this position. This measurement will be the center point for the larger hole (*see Diagram 2*).

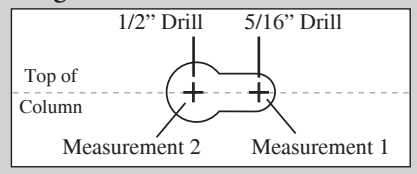
**Diagram 2**



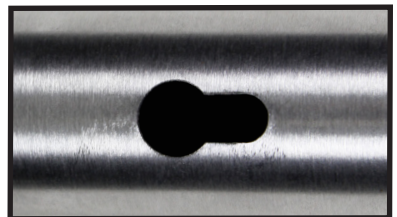
4. Disassemble the column in order to separate the tube and shaft.

5. Use a 1/2" drill bit to drill the larger hole. Center the drill on measurement 2. Use a 5/16" drill bit to drill the smaller hole. Measurement 1 will be your center mark. (*see Diagram 3*). We strongly recommend using a drill press when drilling the keyhole.

**Diagram 3**

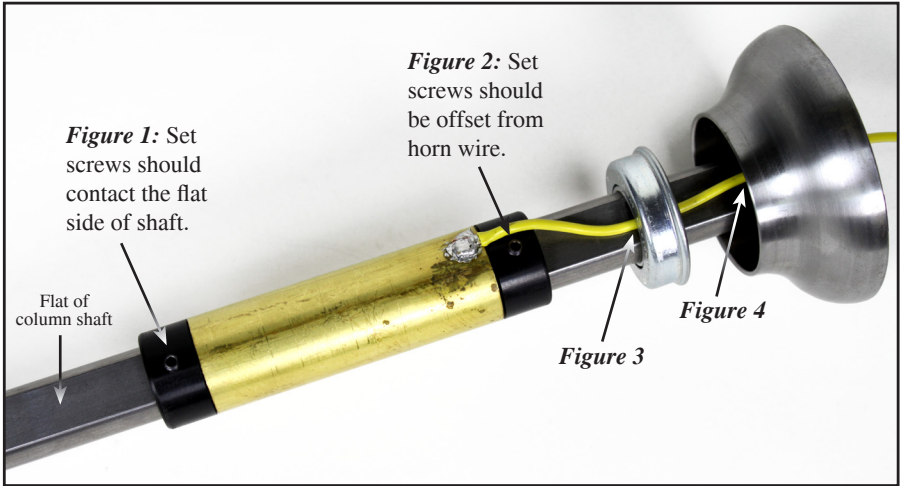


Once both holes are drilled, file and deburr all rough edges in order to prevent wear or chaffing of horn wire.

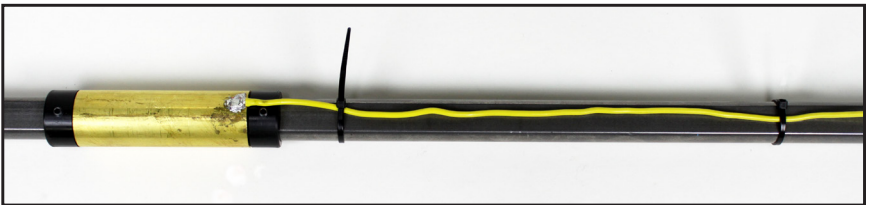


*Finished horn plunger keyhole*

6. Next, slide the brass sleeve with the black delrin end caps onto the column shaft. (Make sure the upper bearing is positioned above the sleeve on the shaft). Position the brass sleeve so the horn plunger keyhole will be centered above it.

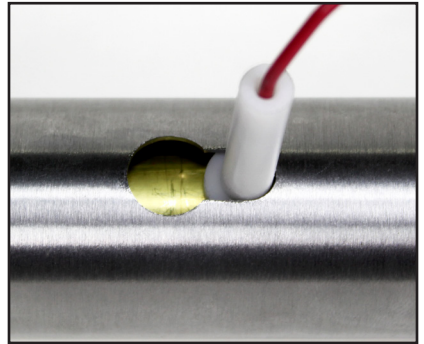
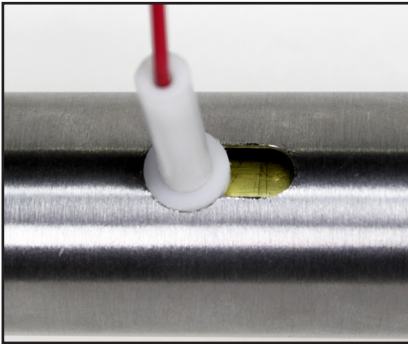


7. Position the set screws on the delrin end caps so that the screws contact the flat side of the shaft (*see Figure 1*). Also check to make sure the screws are offset from the soldered horn wire to ensure easy tightening (*see Figure 2*).
8. Pass the horn wire through the bearing between the inside diameter of the bearing and the flat of the shaft (*see Figure 3*). Then pass the wiring through the head of the column using the existing hole (*see Figure 4*).



9. Straighten the horn wire on the shaft using the supplied wire ties.
  - a) Space the wire ties evenly along the shaft.
  - b) Position the ties so that the wire tie head is on the flat of the column shaft to prevent scraping noises, etc.
  - c) Trim off excess wire tie.

10. Once you have all the horn kit components in position on the shaft you can begin to reassemble the column. Slide the column tube over the shaft and install lower bearing, wavy washer & locking collar per column instructions.
11. Install the horn plunger into the tube by pushing the spring loaded plunger into the larger hole, slide it into position by pulling it down into the narrow end of the keyhole. The pressure of the spring, along with gravity will hold the horn plunger in place.



12. Connect the horn plunger wire to the negative side of the horn relay or simply follow the directions in your wiring kit.