## TILT STEERING COLUMN INSTALLATION

- 1. Determine the floor mount you intend to use and dash board clamp or column drop. (See Flaming River Catalog or flamingriver.com)
- 2. Position the floor mount at the bottom of the steering column. Do not fully tighten the mount until the column is in its final position.
- 3. Install the column in the vehicle and install the dash clamp or column drop to hold the column in place. Next, re-adjust floor mount to fit snug to the floor and make any final adjustments before tightening all the clamps.
- 4. Install the turn signal arm using the phillips screw provided. Then the tilt arm, and finally the hazard knob using the allen screw provided.
- 5. Connect the GM 4-1/4" male plug to your vehicle wiring harness. (You May need a wiring adapter, part # FR20118-4)

## **INSTALLING THE STEERING WHEEL**

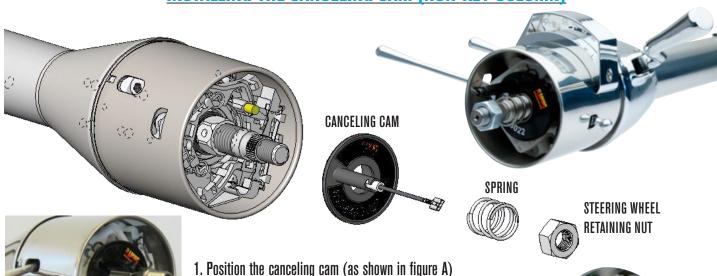
The spline on your new Flaming River steering column is a GM spline designed from 69 to present steering wheels without an airbag. The horn wire is furnished with your steering column and is pre-installed into the canceling cam.

For More Tech Tips Visit flamingriver.com or call 1-800-648-8022





## **INSTALLING THE CANCELING CAM (NON-KEY COLUMN)**



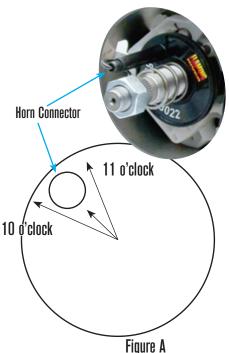
1. Position the canceling cam (as shown in figure A between 10 and 11 o'clock.

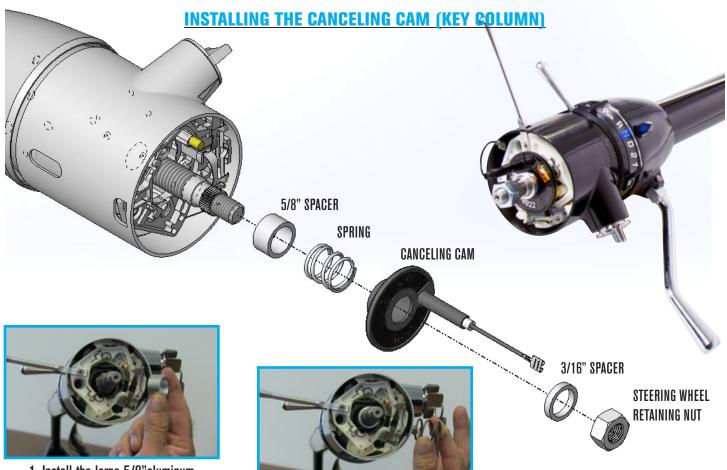


2. The compression spring is positioned over the column shaft on top of the canceling cam.

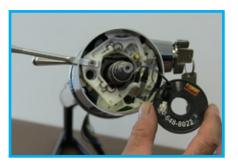


3. Place the steering wheel or adapter on the steering column shaft. Then place the retaining nut on the shaft and tighten, drawing down the wheel or adapter to the desired gap (we recommend approx. 1/16"). (DO NOT OVER-TORQUE)

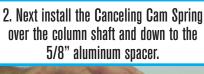




1. Install the large 5/8"aluminum spacer over the column shaft.

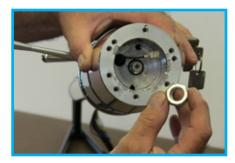


3. Then, slide the Canceling Cam over the column shaft and canceling cam spring. For proper operation of the canceling cam, align the canceling cam stem between the 10 and 11 o'clock position. (figure A)





4. Place the final 3/16" aluminum spacer over the column shaft and down to the canceling cam.



5. When installing your steering wheel adapter, tighten the retaining nut to 50 ft lbs.

## **IMPORTANT: (FOR KEY AND NON-KEY COLUMNS)**

A spring-loaded horn contact connects to the underside of the canceling cam. —
When connecting the canceling cam to your horn button, please note:
The BLACK WIRE is only designed for momentary ground to trigger a horn relay. DO
NOT connect voltage to the BLACK WIRE, or permanent damage to the
column wiring or other components will occur.

