



# DRIVE SHAFT SAFETY LOOP #18020

## FOR 1982-92 CAMARO/FIREBIRD APPLICATIONS INSTALLATION INSTRUCTIONS

This drive shaft safety loop is made from 1/4" thick steel and is 2" wide. This complies with specifications stated in the NHRA & IHRA rule books. The safety loop is designed to fit in tunnel area near the transmission tail shaft.

### WORK SAFELY!

Installation of this drive shaft safety loop requires working inside and underneath vehicle. **USE EXTREME CARE AND CAUTION WHEN WORKING UNDERNEATH VEHICLE.** Never get near or under vehicle until you are confident that it is safely supported and will not move or fall from its raised position. **DO NOT USE A BUMPER JACK.**

1. Place vehicle on solid level surface such as a garage floor to insure safe installation.
2. Place wheel blocks or wedges in front of and behind both rear wheels to prevent movement in either direction.
3. Carefully place floor jack under front engine cross member.
4. Raise front of vehicle up with floor jack and place automotive approved support stands under lower control arms.
5. Lower floor jack until control arms rest securely on support stands.

**CAUTION: DO NOT BEGIN THIS INSTALLATION UNTIL YOU ARE CONFIDENT THAT VEHICLE IS SECURE AND SAFELY SUPPORTED.**

### INSTALLATION:

**Drive shaft does not have to be removed.**

1. Remove driver and passenger front seats. Plastic covers for seat mounts are easily removed with a Phillips Head screw driver or appropriate tool. Seat mounting nuts are easily removed from inside of car.

Spray penetrating oil on all eight (8) mounting studs before attempting to remove seats. If car is equipped with power seats, unplug wiring harness.

2. With seats placed in a secure area away from the car, remove the sill plates and kick panel covers to allow access under the carpeting. Place a small piece of wood (a 2 x 4 is ideal) under carpeting near console to raise carpeting up away from area of floor to be drilled.
3. The catalytic converter heat shield (above converter), must be removed. The exhaust pipe must also be removed from the back of catalytic converter, to allow for drilling holes in floor pan. Allow pipe to hang temporarily.
4. Remove two (2) upper bolts in torque arm rubber mount on driver's side of transmission tailhousing. Remove outer bracket from rubber mount. Carefully pull torque arm down and place under mount to allow access to drive shaft loop mounting area.

**CAUTION: Use extreme care when removing torque arm. Be sure that torque arm is positioned securely under mount so that it will not spring up causing personal injury.**

5. Assemble safety loop around front drive shaft yoke. The driver's side bracket must be placed between floor pan and brake lines and then bolted to drive shaft safety loop (Refer to Illustration).
6. With all bolts and nuts hand tight, position front edge of safety loop assembly just to rear of yoke weld on drive shaft. There must be sufficient clearance between torque arm, drive shaft and safety loop as shown. Place passenger side of loop against floor pan tunnel wall and hold secure. Slide driver's side bracket all the way over to driver's side floor pan tunnel wall. Tighten four (4) bolts securing the assembly.
7. With safety loop assembly held in place by hand, mark (with pencil or scribe) the floor pan through the

two (2) outer holes on the passenger side to be drilled. Slide loop assembly out of the way, center punch and drill the two (2) holes using a sharp 25/64" drill bit. Be sure that carpeting is raised up in the area where drill bit will come through.

**NOTE:** After holes are drilled, deburr edges with a file. It is recommended that paint be applied to exposed metal surfaces (before installing bolts) to prevent rust formation.

8. Bolt safety loop assembly to floor pan with two (2) bolts, washers and nuts. Insert bolts from inside of car.

9. Hold driver's side of loop assembly in place and drill floor pan using the outer two (2) holes in the loop bracket as your template. Bolt up driver's side bracket, then drill the four (4) remaining holes. Deburr as required. Attach the four (4) bolts, washers and nuts, and tighten all fasteners securely.

10. Carefully reattach torque arm to tailhousing. **DO NOT** place hands or fingers between torque arm and floor board, torque arm may spring up against floor board and cause personal injury.

11. Re-install catalytic converter heat shield and exhaust pipe. Tighten securely.

12. Remove 2 x 4's if used, and install seats, sill plates, and kick panels.

13. Carefully remove support stands and lower car to the ground.

***This completes the installation.***

### **Technical Service**

A highly trained Technical Service Department is maintained by Lakewood Industries to answer your technical questions, provide additional product information and offer various recommendations. See your local retailer of Lakewood products for specific prices.

For best results, Technical Service calls, correspondence and warranty questions should be directed to the following address:

### **DRIVE SHAFT SAFETY LOOP REAR VIEW**

