41192000 74-81 Camaro TigerCage
Road Race Door Bar Kit

Door Bars

1	41172901	Driver side road race style door bar assembly
1	41172900	Passenger side road race style door bar assembly
1	41172904	Driver side door bar floor mount
1	41172905	Passenger side door bar floor mount
2	41172906	Door bar floor mount reinforcement plate (under car)
4	41170912	Door bar floor mount reinforcement plate (kick panel)
4	49990005	Clamp tab
2	49990003	TigerClamp P (threaded)
2	49990001	TigerClamp P
2	49990004	TigerClamp D (threaded)
2	49990000	TigerClamp D
1	Tube of Anti-Seize	

Hardware:

16	3/8” x 1” USS SHCS	Clamps
8	3/8” x 1 3/4” USS Gr. 8 bolt	Door bar mount
8	3/8” x 1 ¼” USS Gr. 8 bolt	Door bar mount through floor/ kick panel
24	3/8” SAE flat washer	Door bar mount
16	3/8” USS Gr. Nylok nut	Door bar mount
4	½” x 1 ½” 12 point Gr. 8 bolt	Bar to clamp tab
4	½” Flange nut	Bar to clamp tab



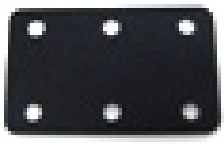
T065 Door Bar Floor Mount



T002 TigerClamp Tab



T045 Kick Panel Plate



T058 Under Car Plate

TGR12502 Installation Instructions

- Initial fitment of the floor mount brackets must be done under the carpet. Final installation can be done under or over the carpet.
- Use Anti-Seize on all fasteners that are threaded into stainless clamps or brackets.
- Install all bars before final tightening.
- Always tighten the tab side of the clamp first.
- Torque all 3/8" fasteners to 45 ft-lbs and all 1/2" fasteners to 75 ft-lbs.
- Make sure the clamp is exactly where you want it before tightening as the clamp may scratch the tubing.
- **Watch for fuel and brake lines when drilling holes through the floor pan.**



1. In order to keep the "T" in the casting facing up, and the bolts facing the correct direction, **there are two different direction clamps.** Be very careful as to which clamp halves you are bolting together. Refer to the image on page 4 for clamp locations.

2. A correctly assembled clamp should look like the one in the picture shown to the left; **there should be a gap on one side for the tab to slide into.**



3. Assemble the clamps to the main hoop. Use clamp P on the driver side and clamp D on the passenger side. Tighten the clamp enough to be able to position it.

4. Use the ½" x 1 ½" 12 point bolt & flange nut to fasten the door bars to the clamps.

5. Position the door bar so that the bottom of the upper clamp is 11 ¼" above the main hoop flange. This should position the door bar just above the rocker.



5. To install the front floor pan bracket, the kick panel must be removed. To remove the kick panel the parking brake assembly must be removed. It will also help to remove the dimmer switch. There is also a bolt and clamp that attach the parking brake to the floor pan that must be removed.

6. Use the door bar to determine the location of the floor pan mount. Drill two 3/8" holes in the kick panel. Place the reinforcement plate inside the kick panel and secure the assembly with two 3/8" x 1 ¼" bolts, flat washers and lock washers.



7. Using the bracket as a template, drill six 3/8" holes through the floor pan.

8. Hold the reinforcement plate up against the bottom of the floor pan. Drop two 3/8" x 1 ¼" bolts through the inside two holes. The four outer holes also pass through the door bar flange and require 3/8" x 1 ¾" bolts. The outer rear bolt must be installed from the bottom up to clear the bar.



Installation complete!

Air Ride Technologies

TigerClamp Location Chart

