

RPM Rollbar Installation Instructions Camaro '10-'11

IMPORTANT – READ BEFORE STARTING INSTALLATION

Check for backing plate clearance between the undercarriage and fuel lines directly below area where the main hoop footpad will be bolted to the floor board on the driver side, by sliding the backing plate between the fuel lines and undercarriage. (Fig. 1-2) Due to inconsistencies in the distance between models it may be necessary to provide clearance for the backing plate to fit properly. If you are not experienced working with fuel lines, you may want to have this done by a professional **BEFORE** you start the installation.

Tools Required for Installation:

| | |
|------------------------|----------------------------------|
| 3/8" Drill | T50 Roberts drive socket |
| 3/8" Right angle drill | Primer or silicon sealer |
| 3/8" Metal drill bit | 1/2" Drill bit |
| 9/16" Open end wrench | Painters tape |
| 1/4" Spotter bit | Dremel with plastic cutoff wheel |
| Metal scraper | 2 1/4" Hole saw |
| Ratchet & 9/16" socket | |

Provided 3/8"x 1" spacers are for Main Hoop and Foot Mount attachments.

INSTALLATION

1. Remove Door Skid Plates.
 - a. Pull straight up and remove
2. Remove Front Seats
 - a. Position seat to gain access to rear track to floor bolts and remove both bolts
 - b. Separate the safety belt from the safety loop on seat
 - c. Disconnect the battery
 - d. Tip the seat to access electrical connectors for airbag and power seat, disconnect both connectors
 - e. Remove seat and repeat for other side
3. Remove Back Seat Cushion
 - a. Run your hand under the front of the rear cushion and locate the two seat cushion tabs
 - b. Release tabs and lift out
4. Remove Quarter Trim Panel (Note: This is the piece that will be cut with the template provided)
 - a. Remove panel and repeat for opposite side
5. Remove Quarter Window Trim Panel
 - a. Open the coat hook cover, remove bolt and coat hook

- b. Remove the front safety belt anchor bolt cover and bolt
 - c. Remove quarter window trim panel and repeat for opposite side
6. Remove A-Pillar Trim
 - a. Pull down on A-Pillar trim working from the back forward and remove. Repeat for opposite side
7. Remove the safety belt lower bolt on passenger side with T50 Roberts drive socket and disconnect sensor. Let safety belt and sensor hang loose
8. Do not disconnect the harness at the module. Just remove the 10mm nut and tuck the module in the well opening until you are ready to reinstall. You CAN reach in from under the trim piece and reinstall it.
9. Peel back carpet on passenger and driver side to make room for Rollbar footpads (Fig. 1- 3)
10. Use metal scraper to remove any sound deadening material in area of rear mounting plates for Rollbar (Fig. 4, 5, 6)
11. Seal area that has been scraped with primer or silicon sealant
12. Protect Rollbar finish by wrapping with painter's tape (Optional, but recommended)
13. Position Rollbar next to door, lean bar forward and with help, walk bar into car with main hoop up towards windshield, slide carefully across and slowly lower into position, using caution so footpads do not contact headliner as bar rotates downward (Fig. 2– 3)
14. Position Rollbar so there is equal distance between main hoop and interior on both sides (Fig. 7)
15. Jack up car, place on jack stands and remove rear tires
16. Mark pre-drilled hole locations in mounting plates, double check under vehicle for obstructions, drill holes **IMPORTANT: DO NOT BOLT ROLLBAR IN AT THIS TIME.**
17. After holes are drilled, but BEFORE you bolt the Rollbar in place
 - a. Using provided template, modify rear quarter trim panels (Fig. 8)
 - b. Cut quarter trim panels from bottom of panel with Dremel and plastic cutoff wheel
 - c. After hole and cut have been made, install rear quarter trim between Rollbar and side of interior by rocking the Rollbar up and away from the side you are working on
 - d. Climb into back seat and open up rear quarter trim panel at cut and place carefully around rear support bar, leaving loose at this time. Repeat for opposite side
 - e. Re-center Rollbar if needed over drilled hole locations
18. Starting with the main hoop footpads install backing plates with provided hardware and tighten but DO NOT torque at this time. (Note: This is where you will slide the backing plate between the fuel lines and undercarriage on the passenger side)
19. Remove rear wheel well liners.
20. Install backing plates on rear support footpads. It may be necessary to apply downward pressure on these bars for alignment. The plates will contour to the wheel well as they are tightened. **(Note: To access rear footpad bolts for backing plate installation, slide quarter trim panel up the bar and use 9/16" open end wrench while nuts are tightened from wheel well)**
21. You do NOT have to cut a hole in the fender-well shield to gain access to the rear support bolts. Take them out and run the bolts in from the underside so that the nuts are on the inside of the car. Wheel well shield goes back in without modifications.

22. Torque all bolts to 35 ftlbs

23. IMPORTANT – INSTALL REAR TIRES, REMOVE JACK STANDS AND PLACE ON A LEVEL SURFACE ON ALL FOUR TIRES

24. Reinstall rear interior pieces

25. Install front seats, make sure battery is still disconnected BEFORE you reconnect airbag modules

26. Place doorbar in Rollbar receiver hasp. (Fig. 9-10) While holding doorbar in place position foot receiver. Bolt doorbar into foot receiver with provided 3/8" bolt and nut. Position foot receiver in exact location to provide clearance for door bar between seat and arm rest. Make sure to shut door and double check clearances, then mark hole locations. Check under car for obstruction, and then drill holes

27. Install backing plate for foot receiver and torque to 35 ftlbs.

28. Wrap doorbar at hasp location with painter's tape. Install doorbar into hasp and drill 1/2" hole using hasp hole as guide. Remove tape and install provided 1/2" pin

29. Repeat steps 27 thru 29 for 6-pt. installation

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Figure 1.

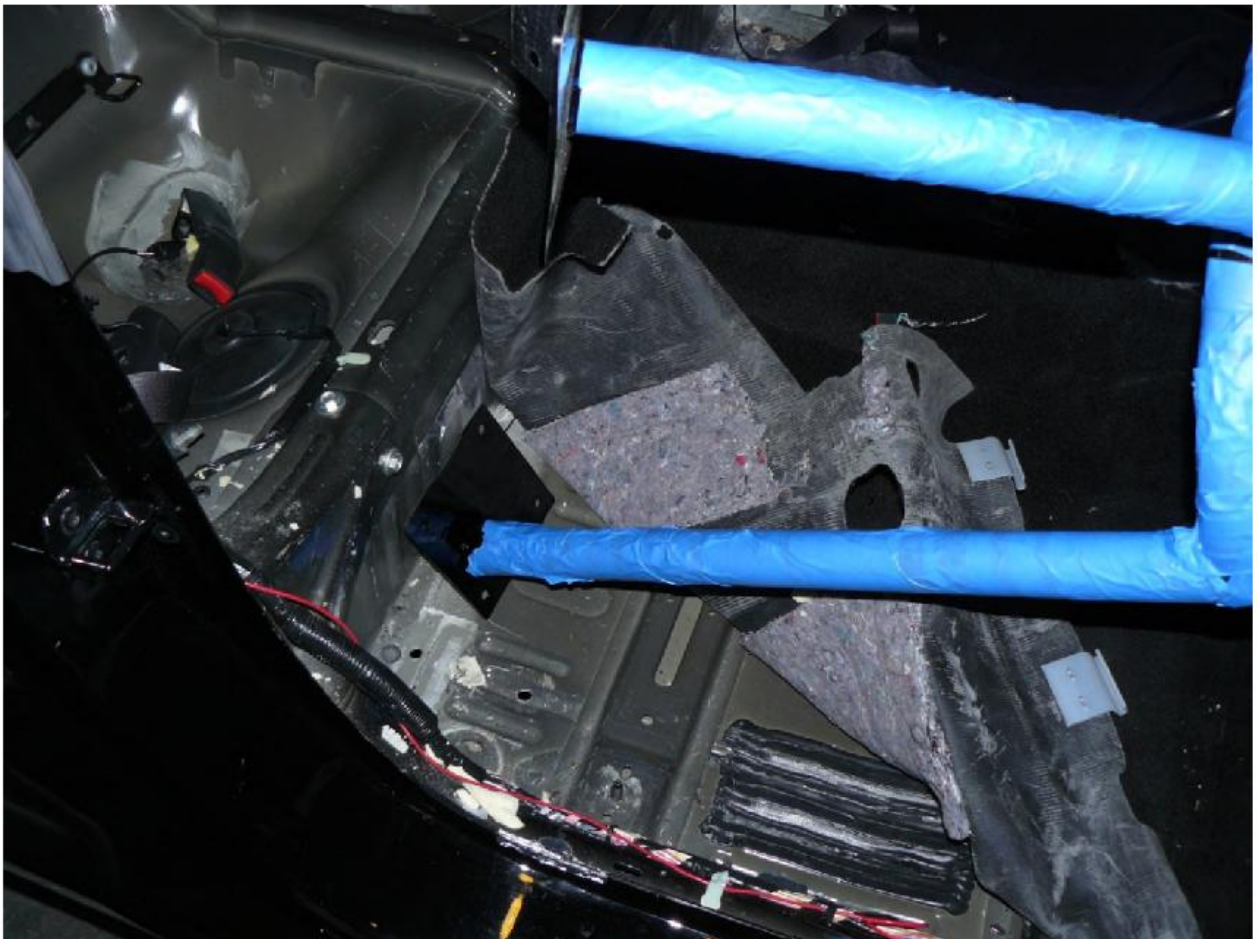


Figure 2.



Figure 3.



Figure 4. Plastic modification.



Figure 5. Remove Sealer where main hoop attaches to floor board.



Figure 6. Remove Sealer for rear wheel well pads.



Figure 7.



Figure 8

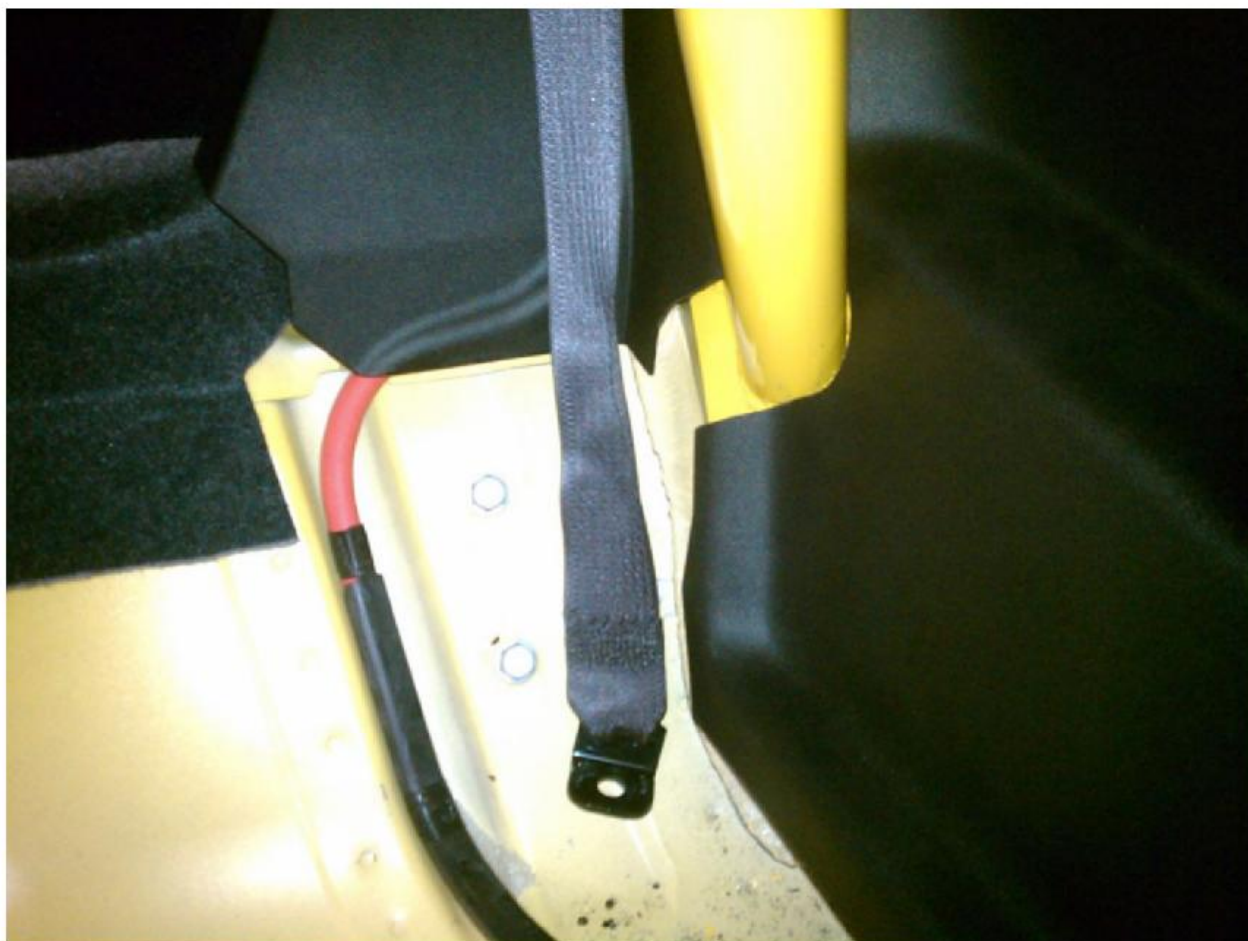


Figure 9.

Leave 5/8" gap here, to
allow door bar to swing open.



Figure 10.

Note angle on bar is for shoulder clearance.



Figure 9. Plastic Modification both sides.

