



1401 S. Broadway Suite 103A | Joshua, TX 76058

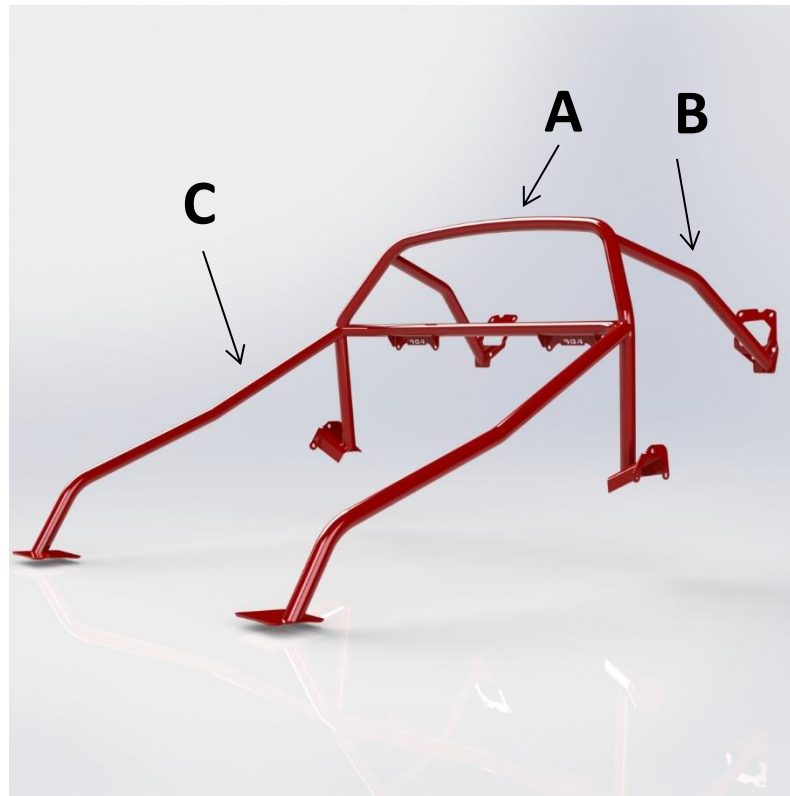
INSTALLATION INSTRUCTIONS

MUSTANG S550 ROLLBAR

6PT, 4PT

Read Instructions entirely, and view illustrations before beginning.

ITEM	DESCRIPTION	QTY
A	MAIN HOOP	1
B	REAR BAR (PASSENGER AND DRIVER)	2
C	DOOR BAR (PASSENGER AND DRIVER)	2
D	HARDWARE KIT	1



Have questions or comments?



817-366-6110



817-366-6110



INFO@ABFFABRICATION.COM

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Removal

1. Open the Plastic covers where the 2 front seat bolts are located and remove the T50 bolts as well as the smaller T15 bolts. (Driver and passenger side). **FIG 1**
2. Adjust the seat all the way forward and remove the plastic covers and unbolt the rear T50 seat bolts. (Driver and Passenger).
3. Adjust the seat back again and unplug the front wiring for power seats. Remove seat. (Driver and Passenger) **FIG 2**
4. You may now disconnect the battery. Open hood and remove the three twist clips that hold the plastic battery cover on. **Disconnect the battery. FIG 3**
5. Remove the hood release from the Driver side kick panel. Use a pick to remove the plastic cover. Insert a 10mm socket into the hole until you hear a click. The lever should now come off. **FIG 4**
6. You can now remove both kick panels and door sill plates by carefully pulling on them.
7. Detach the front driver and passenger seatbelts up top by removing the plastic cover and unbolting the T50 bolt. (Driver and Passenger) **FIG 5**
8. Remove the rear seat next. Start at the bottom front of the seats. There is a clip on each side in the middle of the front of the seat. Push in and lift, then remove the seat bottom. **FIG 6**
9. Remove the back section of the rear seats by folding down the seats, removing the 15mm head bolt from the center in between the seats, unfolding the seats, and finally removing the 2 15mm head nuts on either side. Remove the seat back. **FIG 7**
10. Remove the rear interior sail panels next. Start by pulling/lifting the seat belt strap trim bezel and removing. **FIG 8** Then you will start at the door jamb and carefully pull the plastic panel making sure to focus on where the plastic clips are. Work your way to the rear of the panel and remove when all clips are loose, and panel is loose. **FIG 9** Make sure to push the front seatbelt strap behind the panel so it does not get caught on it when removing. (Driver and Passenger).
11. Remove the rear seatbelt retractors by removing the 3 13mm head bolts. (Driver and Passenger) NOTE: These bolts will be extremely tight. Also pay close attention to how they are mounted. *Recommend taking a photo* **FIG 10**
12. Next you will need to remove the sensor and body ground from the side of the body just behind the door opening. Use an 8mm socket. (Driver and Passenger) **FIG 11**
13. Detach two tree clips on the wiring harness **FIG 11**, as well as the "yellow top" plug. **FIG 12** There is an orange release on the yellow plug that must be lifted before the plug can be removed.
14. Remove the 3 13mm Head bolts from the side of the body where the main hoop will mount. **FIG 11**

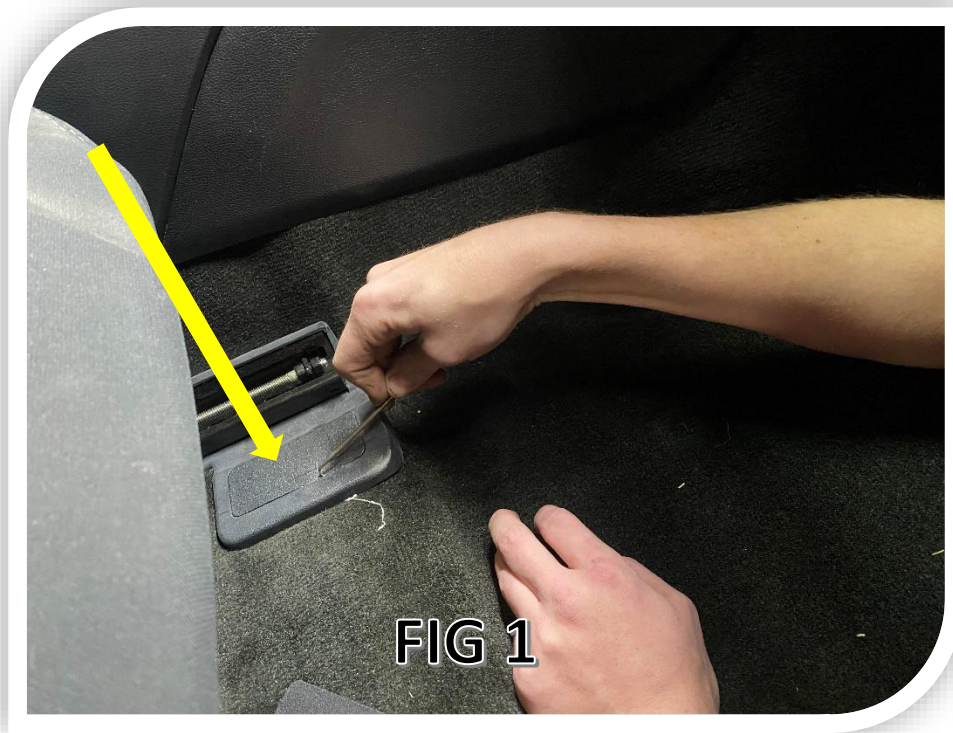
Installation

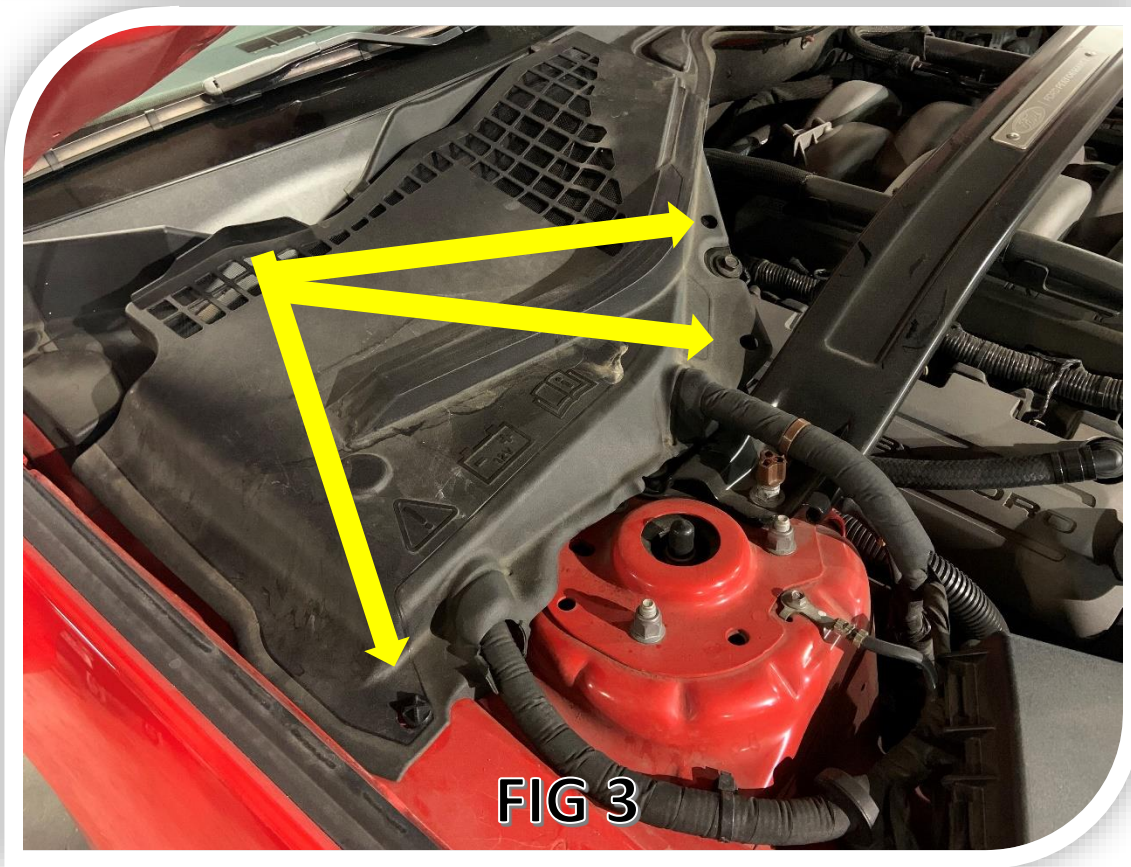
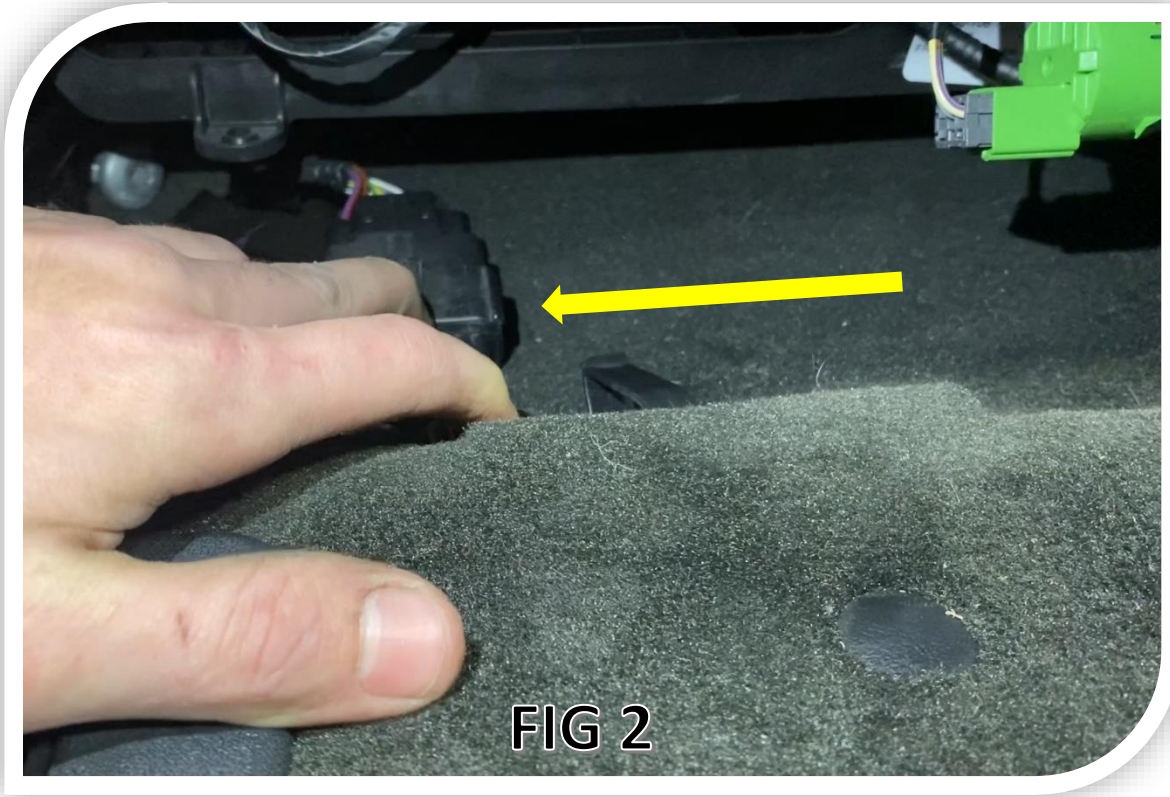
1. Install the main hoop first. It is recommended to have 2 people to install the main hoop so that you do not scratch up or ding the car or interior. Start by passing the hoop through from the passenger side to the driver side. Do this with the main hoop tilted forward towards the dash. Once you have the main hoop inside the vehicle, you will need to lift it up

over the crossmember as you rotate the main hoop to standing up. You will also need to route the wiring harness around the outside of the rollbar and between the rollbar mount flange and main hoop tube. **FIG 14**

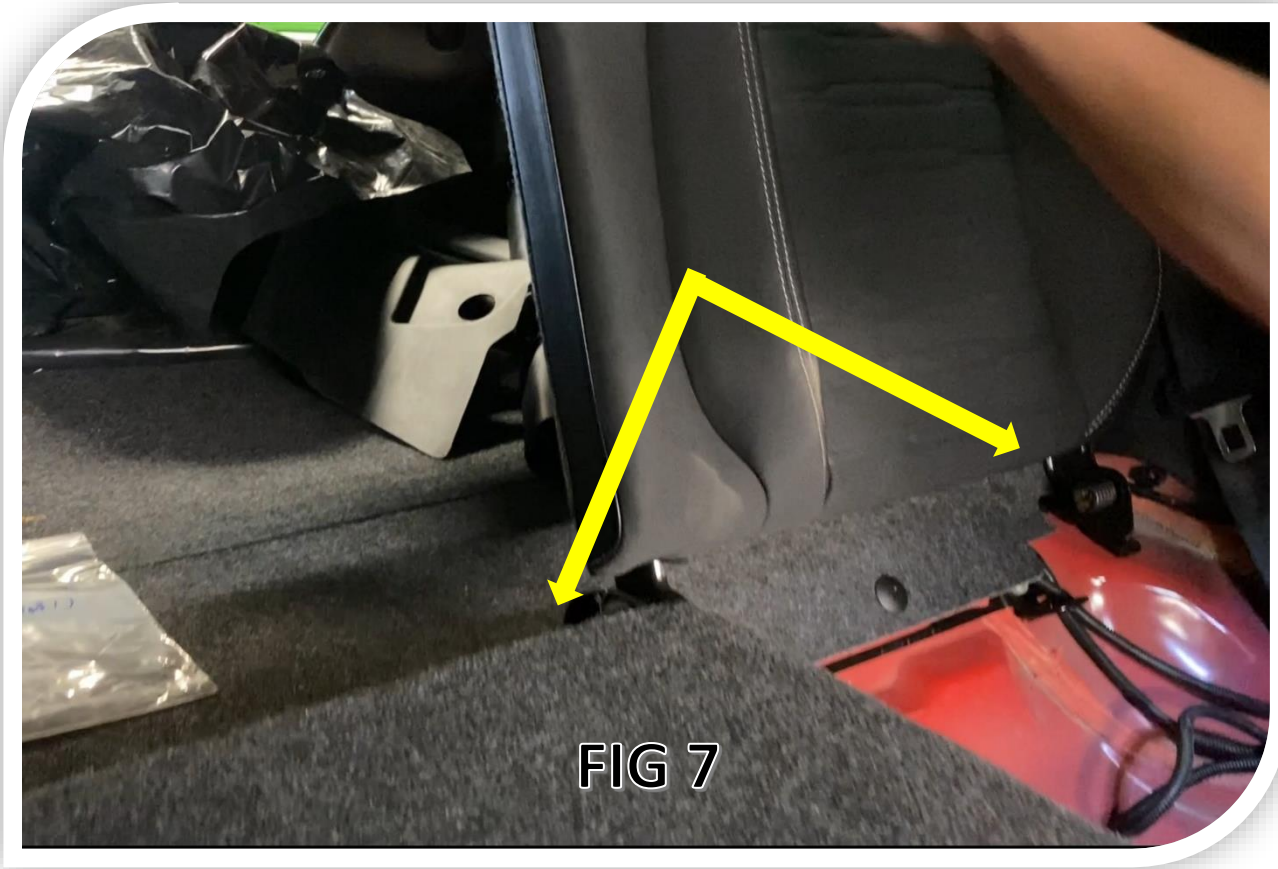
2. Once the Main Hoop is set in place you can slip the carpet under the mount plate, line up the 3 bolt holes on either side, and insert the 3 factory bolts into the mount. **FIG 14 DO NOT TIGHTEN**
3. Assemble the Rear bar to the main hoop with the supplied Stainless Allen bolts and lock nuts. Make sure to put the nuts on the top side and screw the bolts in from the bottom side. **DO NOT TIGHTEN** (Driver and Passenger) **FIG 15**
4. Line up the rear bar plate and hold in place with the top 2 13mm head bolts. Now bolt in the bottom outside hole with the provided 3/8" bolt, washer and Nut. **TIGHTEN.** (Driver and Passenger) **FIG 16**
5. Next you will remove the 2 13mm head bolts you just installed and re-install the seatbelt retractor with the shortest of the 3 13mm head bolts. Re-install the seatbelt retaining plate and the upper 2 13mm head bolts. **** Pro Tip: Use a wobbler and extension to tighten the top outside bolt. TIGHTEN ALL 3 BOLTS as well as 2 ALLEN BOLTS AT THE CONNECTOR.** (Driver and Passenger)
6. Remove the 2 T50 bolts that attach the seatbelt safety cable and reroute the seat belt over the harness bar and through the main hoop. Make sure to keep the correct twist. Bolt the T50 bolts back in and **TIGHTEN.** (Driver and Passenger) **FIG 17**
7. Re-attach the body ground using the shorter 8mm head bolt, and re-attach the sensor using the longer 8mm Head bolt.
8. At this point you will **TIGHTEN ALL 6 MAIN HOOP BOLTS**, and reinstall the wire harness tree clips, as well as the seatbelt safety cable plug.
9. Cut your rear sail panels using the provided templates as a guide. Note: On the rear bar cut template continue the line up all the way to the edge of the panel where it meets the window. **FIG 18** It should end about 3" from the rear of that window. More additional trimming may be required as these templates are a guideline. **TAKE YOUR TIME.**
10. Re-install the sail panels. Install from the rear and slip the panel forward between the body and the hoop. This is very tough and takes time. Make sure all the plastic clips are in place.
11. Install the rear seat backs by resting them up against the main hoop and installing the center 15mm bolt. **TIGHTEN.** Then fold them back and install the 2 outside 15mm head nuts. **TIGHTEN.**
12. Re-install the lower seat bottom. Pass through the main hoop on the bottom driver side, and then make sure the front of the seat clips back in.
13. Installing the door bars. Start by folding the front carpet back on so that the floor is exposed. Assemble the Swing out stub to the upper door bar with the provided allen head shoulder bolt and lock nut. **DO NOT TIGHTEN YET.** Attach the door bar to the main hoop with the supplied Pin.
14. Prepare the Driver underside by removing the plastic undercarriage. Hardware to remove consists of (5) 10mm cap nuts, (3) T30 torx and (3) tree clips. Once the plastic is removed you will need to pull away the clips that hold the fuel & brake lines so that you can safely

- drill through the floor. **Brake line will need to be reshaped some to allow clearance for the mounting bolts.
15. Next you will push the door bar mount plate as tight as you can to the rocker and push it as far back towards the main hoop as possible while marking the outer two holes closest to the rocker panel. Drill both holes with a 7/16 drill bit, Then bolt the plate tight using the supplied 3/8" bolts and Nuts. (This is just to temporarily hold in place.) Then drill the rest of the holes. Drill the smaller hole using a 3/8 drill bit. *** Make sure all brake lines, harnesses, ect are out of the way before drilling*** (Driver and Passenger)
 16. Remove the temporary bolts that were holding the door bar in place. (Driver and Passenger)
 17. Bolt the doors in place using the wishbone bottom plates and the 3/8" flange bolts. *The floor should be "sandwiched" between the door bar plate and the wishbone plates. **DO NOT TIGHTEN.** Add the 5/16 bolts (used to help retain the wishbone plates) and **TIGHTEN ALL BOLTS.**
 18. Trim the carpet around the front door bar. Mark the position by pushing the carpet as tight as you can to the side of the door bar and marking the edge and center of the tube. Next cut out an oval that is centered on your center line, and the edge is on your edge line. You will need to cut a slit from the center of the oval all the way to the very edge of the carpet so that you can get the carpet around the tube. **FIG 19**
 19. Once Carpet is back in place you can now re-install all your remaining plastics, seats, door sill plates, ect, and hook up any plugs.
 20. Reconnect the battery. (Reconnect Battery before seat install if you have power seats).
 21. **PRO TIP:** To fine tune the "feel" of the door bar closing, we recommend using a file to file down the top side of the door bar stub on the main hoop until it is EASY to open, but you can still feel the "Shut"

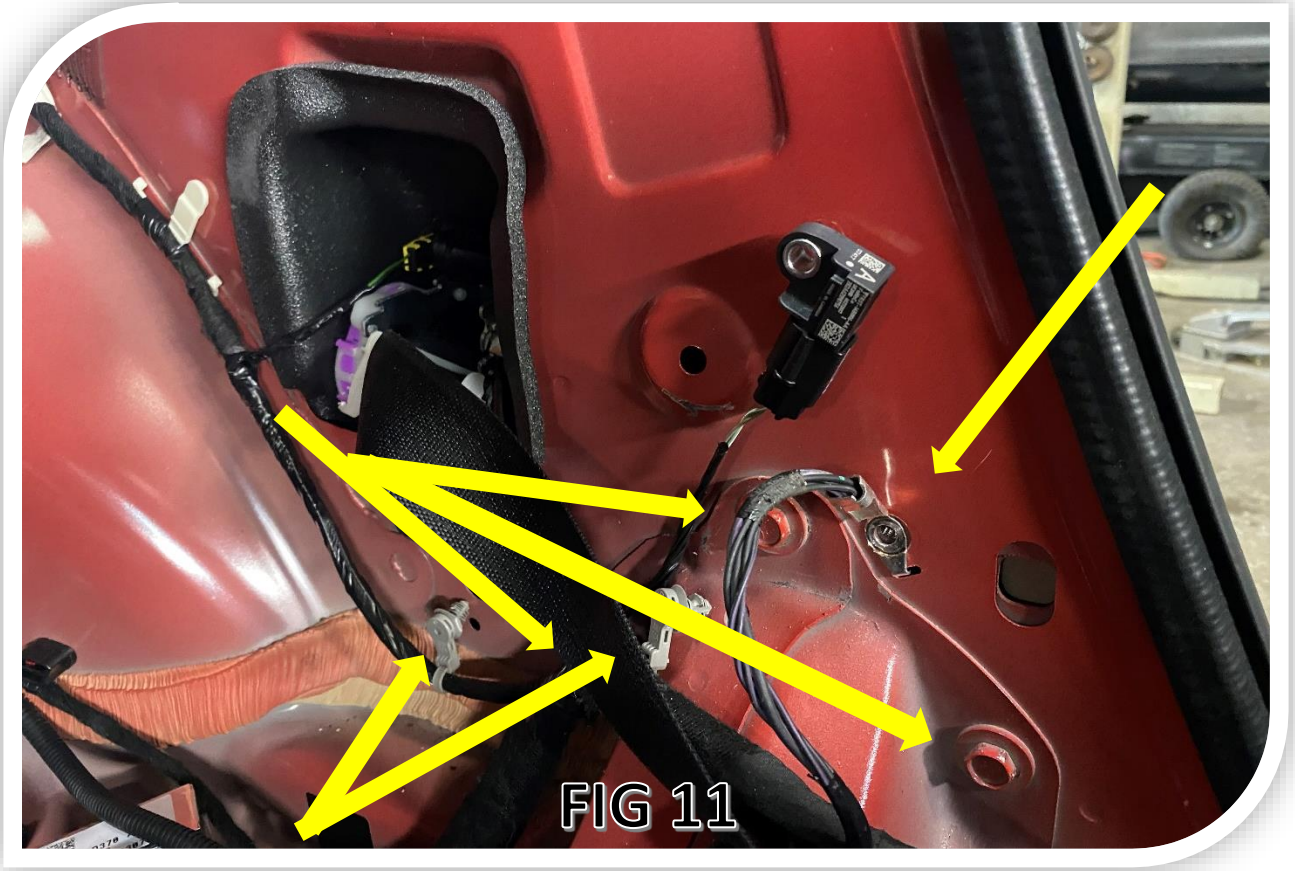
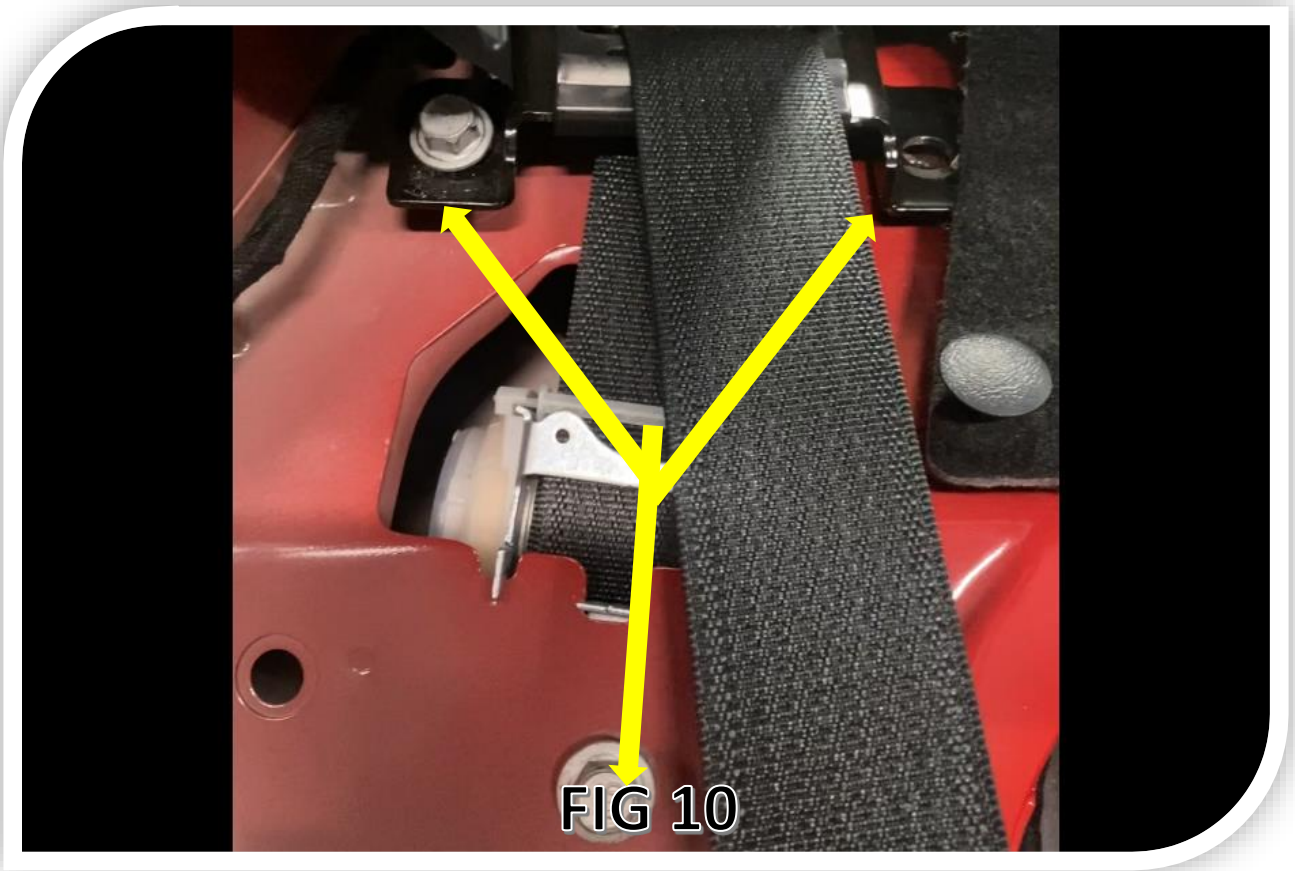












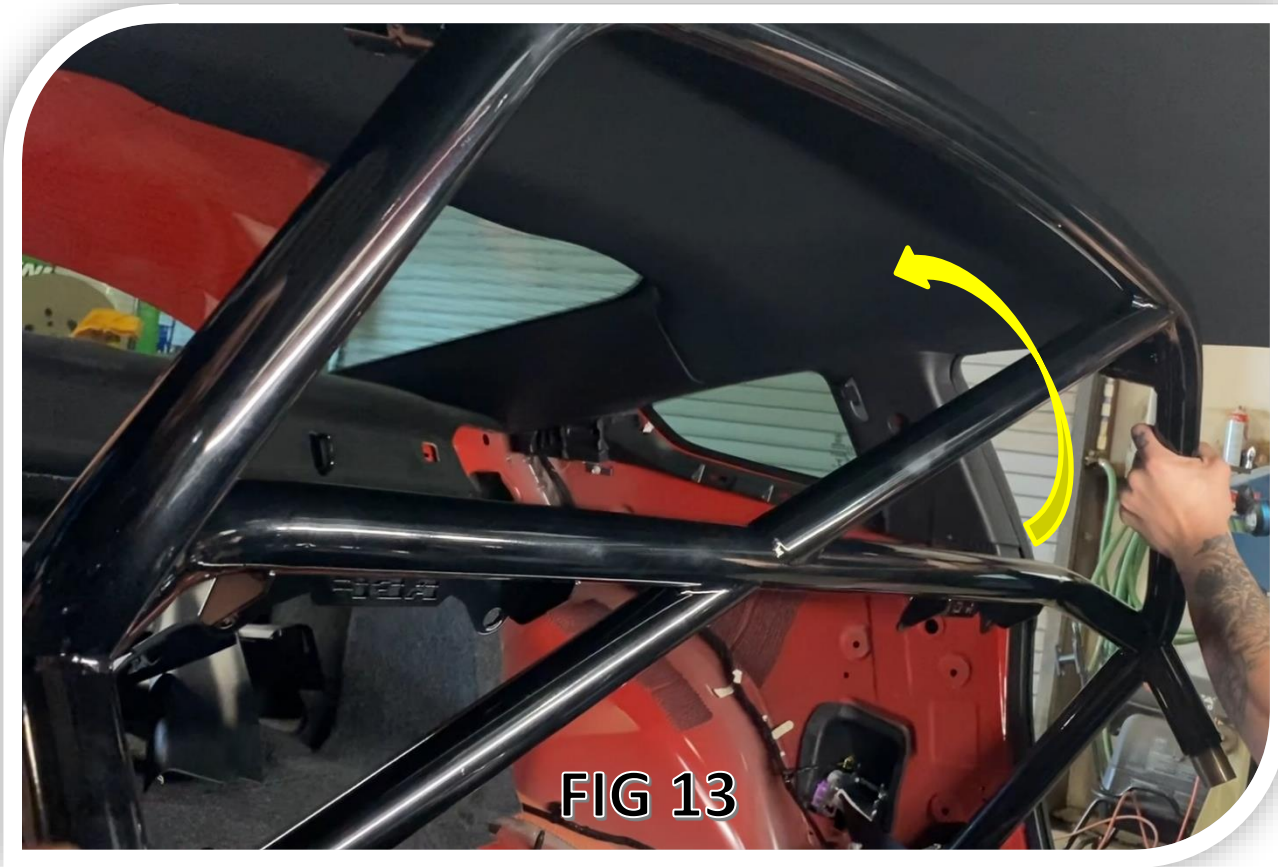




FIG 14



FIG 15

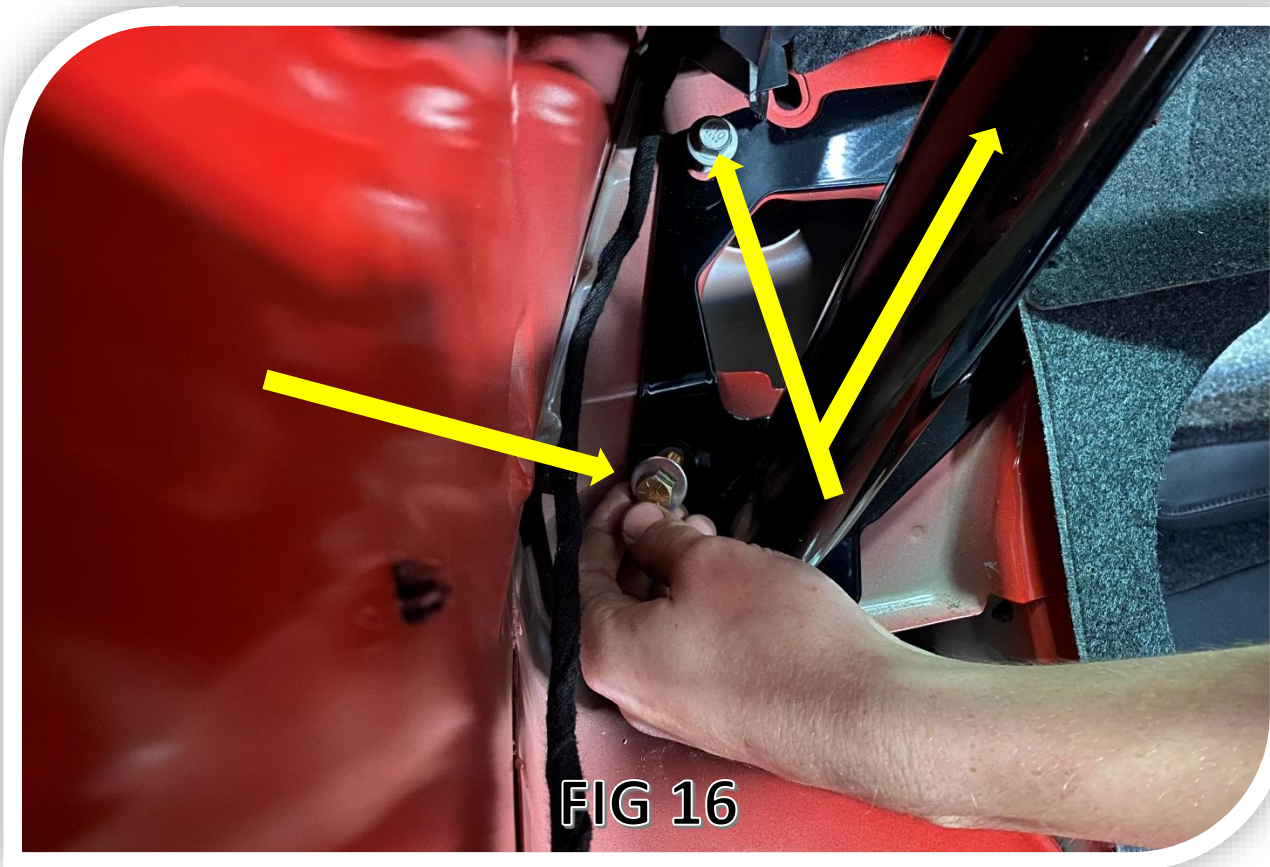




FIG 18

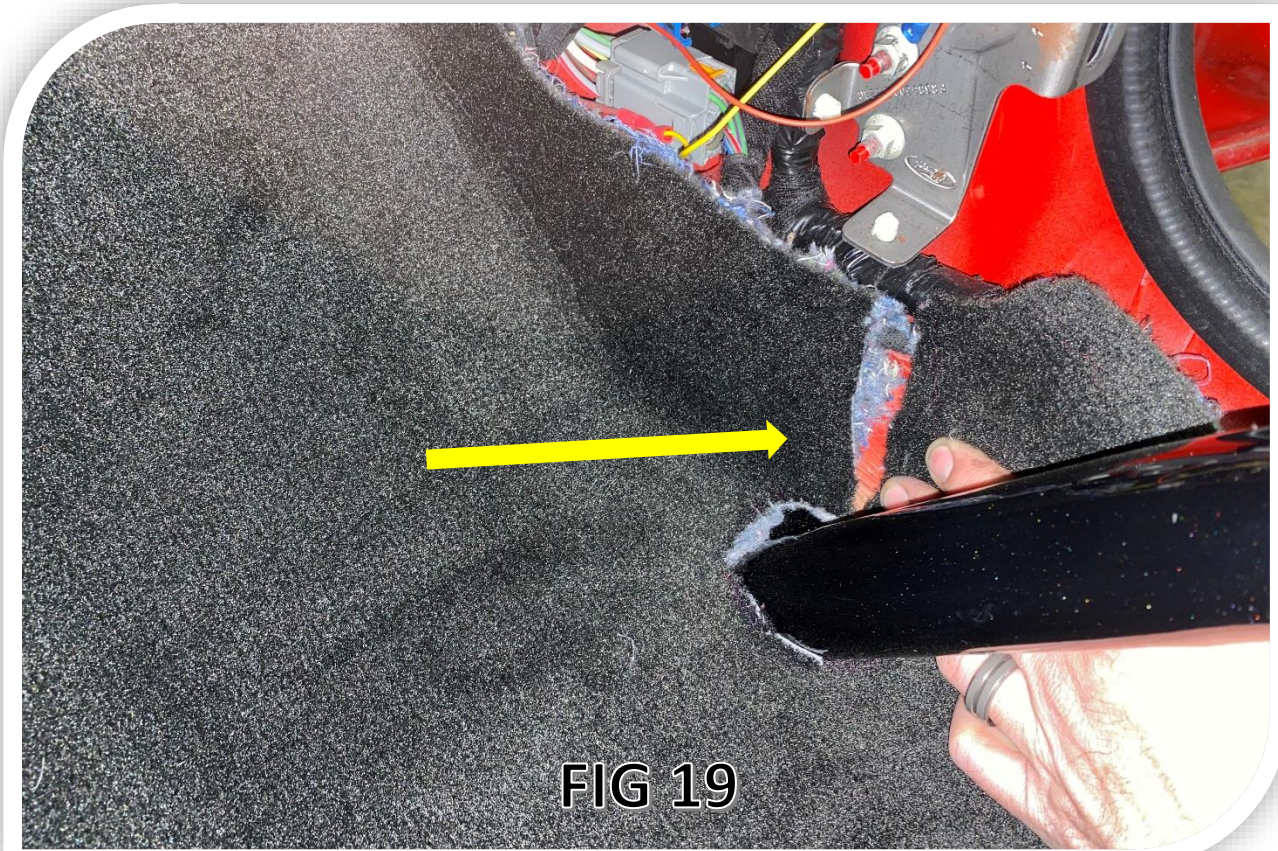


FIG 19

Passenger Side

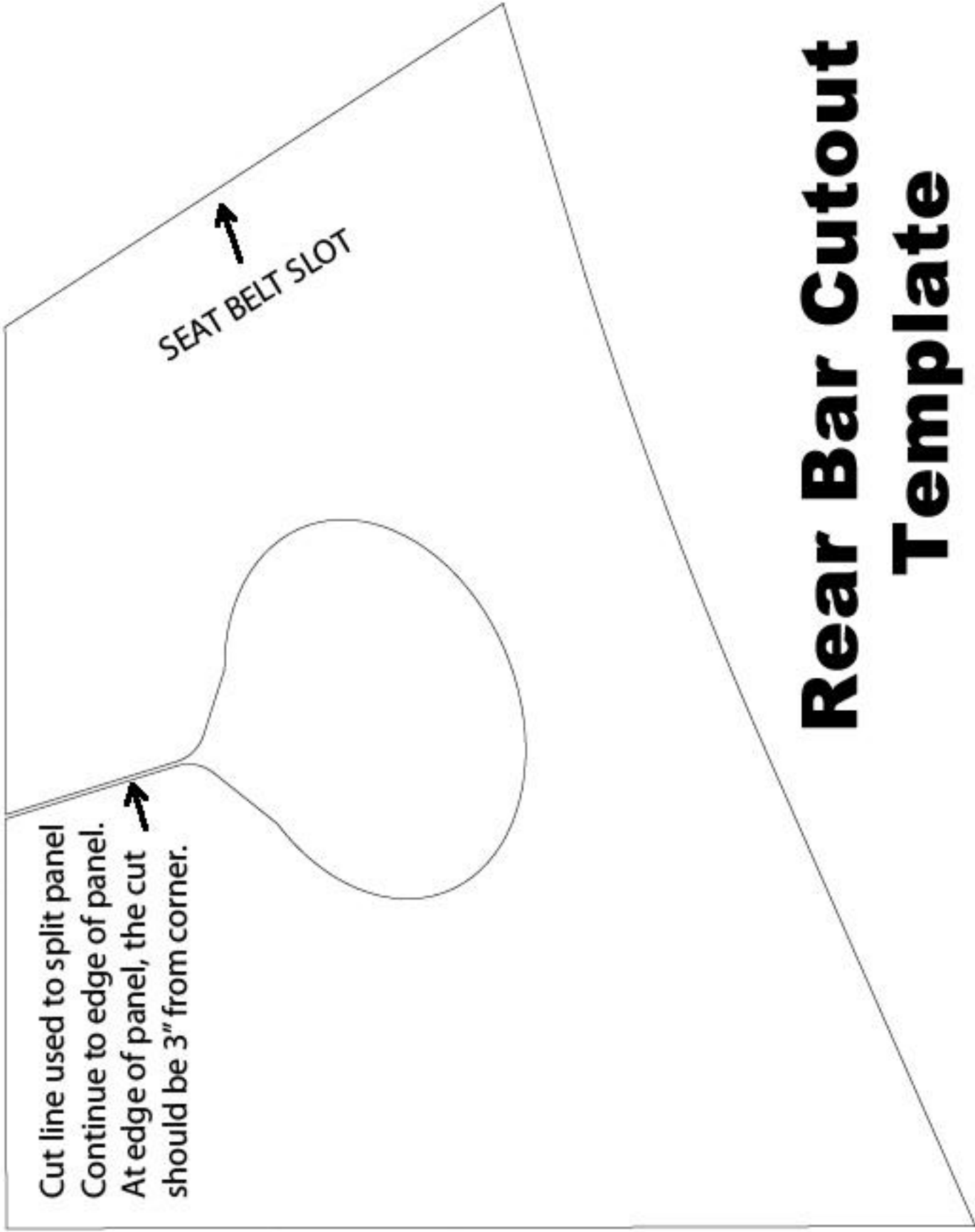


Align with Notch

Front of Vehicle



Main Hoop Notch Template



Cut line used to split panel
Continue to edge of panel.
At edge of panel, the cut
should be 3" from corner.

SEAT BELT SLOT

Rear Bar Cutout Template