



**Victory
CrossRoads
CrossCountry
CrossCountry Tour
HardBall**

**Ground Effects
Installation Instructions**

Revised 6 - 2020

California Sidecar Parts & Technical Support
434.263.8866

IMPORTANT

The California Sidecar *Ground Effects* are designed to fit the California Sidecar Ventura Trike Conversion Kit only.

The *Ground Effects* are designed and intended to ONLY ACCOMMODATE THE STOCK VICTORY RIDER FLOORBOARDS.

Wiring Installation:

1. Remove the seat.
2. Using 2 sided tape and/or cable ties secure the GRD EFX harness to the Upper Frame mount.
3. Plug the GRD EFX harness into the body harnesses flat 4 pin plug close to the fender plug.
4. Route the black and brown wires to the right side wheel well. And the purple and black to the left. To be connected later.

Mounts Installation:

1. On both of the drivers floorboards, remove the two SHCS securing them the motorcycle frame.
2. Install the GRD EFX bracket Left and Right.
3. Sandwich them between the frame and floorboard mount reusing the OEM hardware and tighten.
4. Install the GRD EFX bar by removing the lower two SHCS and flat washers from the front of the drive support.
5. Place the front of the GRD EFX bar on top of the front brackets installed in step 2 and 3.
6. Insert the SHCS and flat washer through the GRD EFX bar then another flat washer as a spacer then thread it into the drive support with thread locking agent.
7. Install the four 5/16 HHCS with flat washers into the front mount and secure with flat washers and nyloc nuts.
8. Tighten all fasteners, four HHCS and two SHCS.
9. Torque the two SHCS to 100 FT-LBS.



Return to the trike kit installation instructions now.

Installing Ground Effects:

1. Lay the **Ground Effects** into place on mounts, aligning to fender ensuring that the rear mating edge is level and the fiberglass bracket is contoured to the inner fender. Clamp bracket to fender (Vise-Grip®6-sp works well).

Note: In order to achieve optimum fit, you may find it necessary to grind slightly where the **Ground Effects** meet the fender, exhaust, or crash bars.

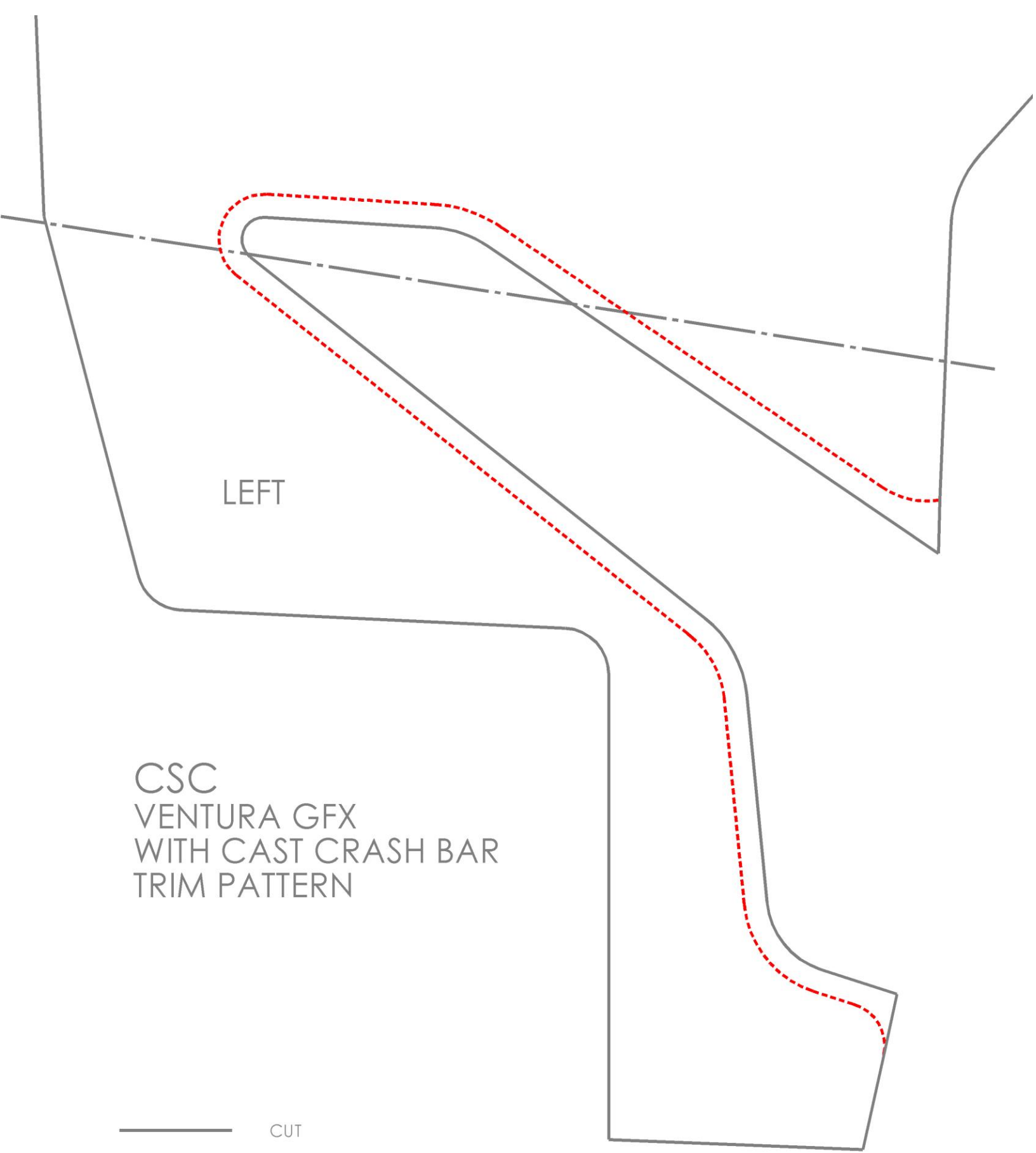
Refer to the templates on back pages.

2. Once an optimum fit is gained.
3. Push the **Ground Effects** back into the trike body and clamp into place.
4. Drill two 5/16 holes on each side going through the trike body and the **Ground Effect** foot and secure with two 5/16 - 18 x 1 1/4

HHCS four fender washers and two nyloc nuts. Tighten all fasteners.

5. Drill a 5/16 hole on each side going through the trike body and the **Ground Effect** foot to run the wiring through.
6. Next pull up the rubber mats and drill two 1/4 holes through the mounts and install the two 1/4 -20 elevator bolts, flat washers, and nyloc nuts.
7. Tighten all fasteners.
8. Repeat for the opposite side. Reglue the rubber mats.
9. Connect the left **Ground Effect** wiring harness to the installed wiring harness. The black wire to the black wire, and the purple wire to the purple wire with butt connectors.
10. Connect the right **Ground Effect** wiring harness to the installed wiring harness. The black wire to the black wire, and the brown wire to the brown wire with butt connectors.
11. Secure all the wires from the harness and the GRD EFX with cable ties to the frame mounts.
12. Test the cornering lights to ensure that the lights operate with the appropriate turn signal, and the light remains illuminated until the turn signal is cancelled.

Before using templates below. After you've printed them off measure the 6 inch reference mark to ensure the size of the template is correct.



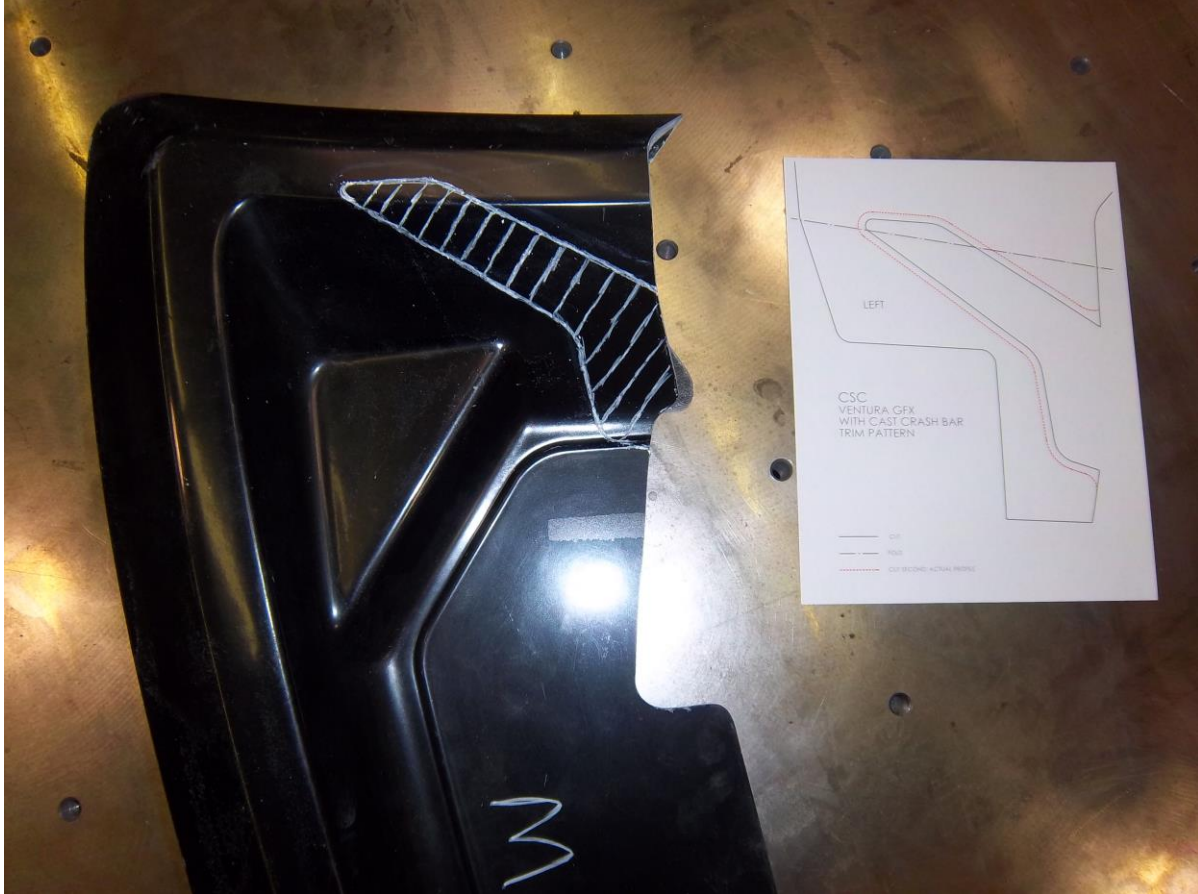
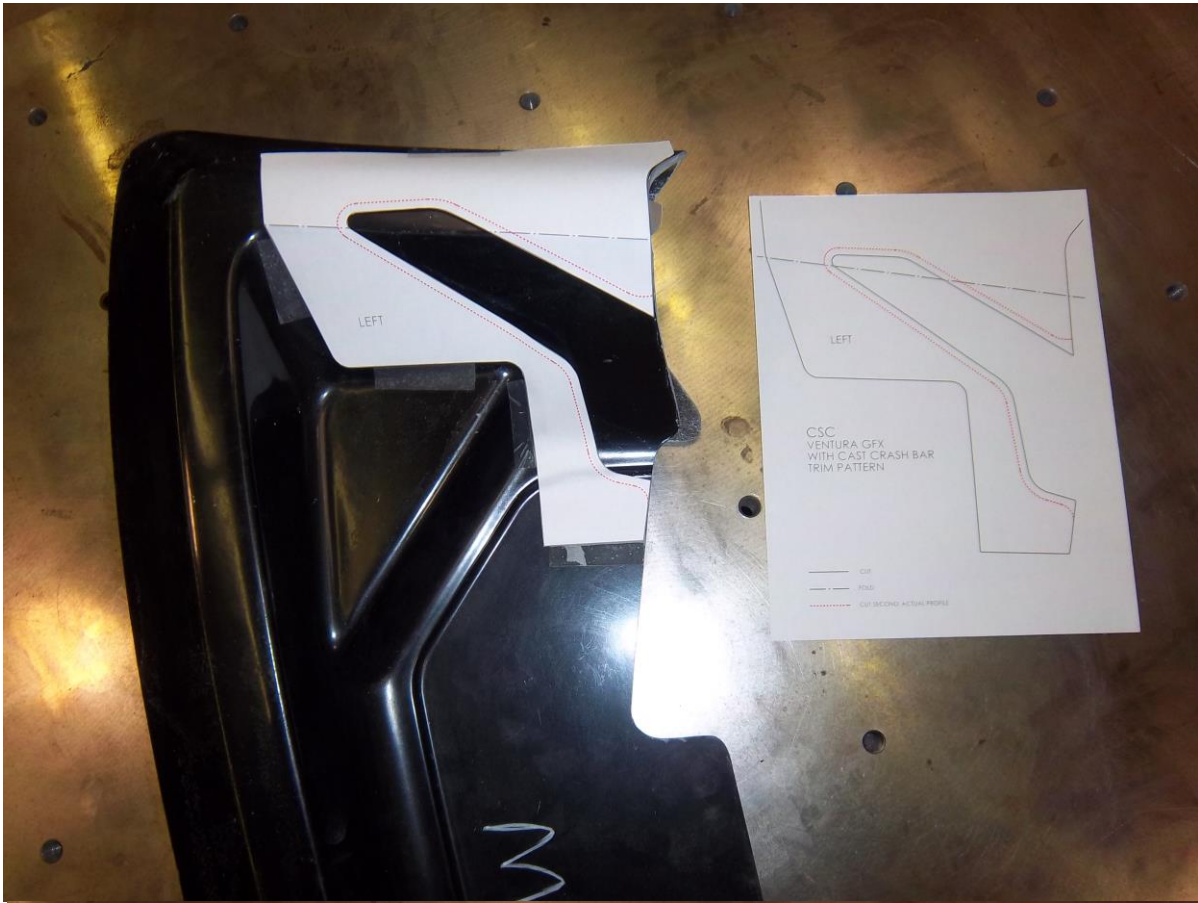
LEFT

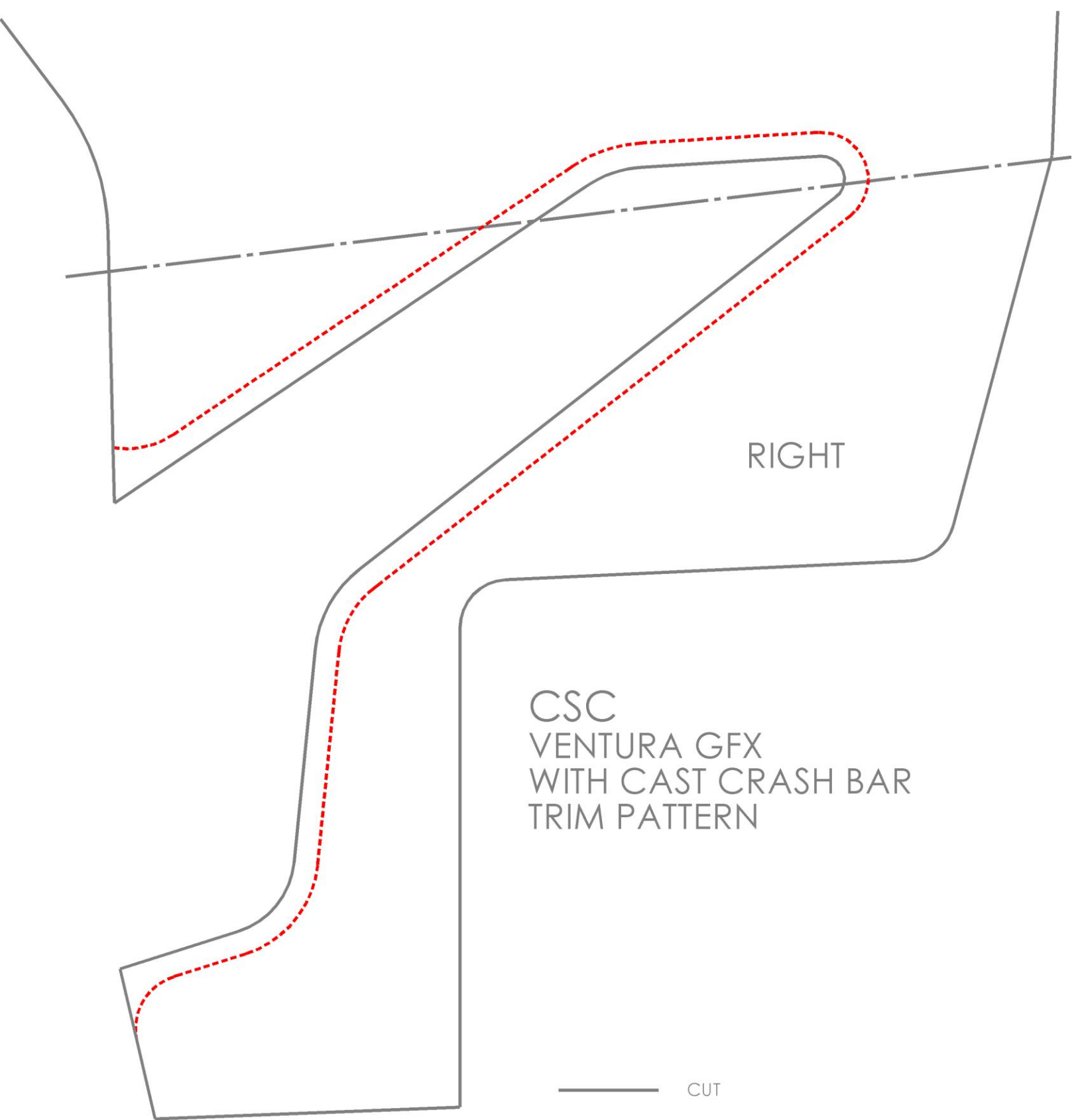
CSC
VENTURA GFX
WITH CAST CRASH BAR
TRIM PATTERN

- CUT
- - - FOLD
- CUT SECOND: ACTUAL PROFILE

6.000 FOR REFERENCE

LEFT SIDE WITH CAST CRASH BARS.

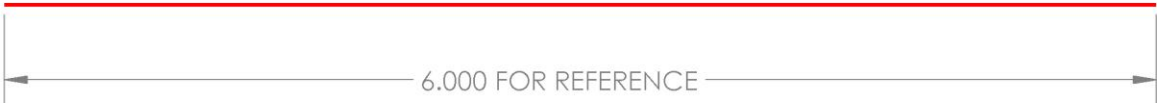




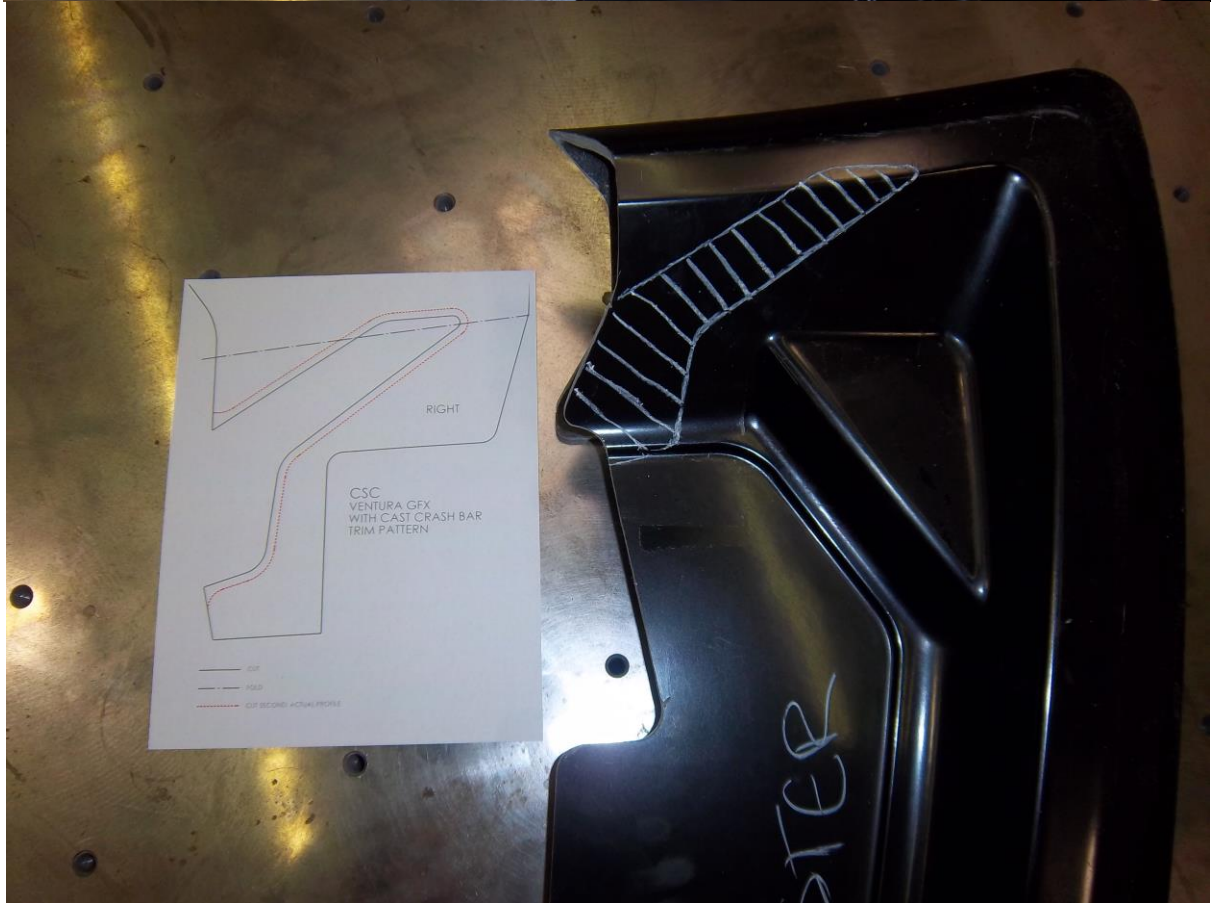
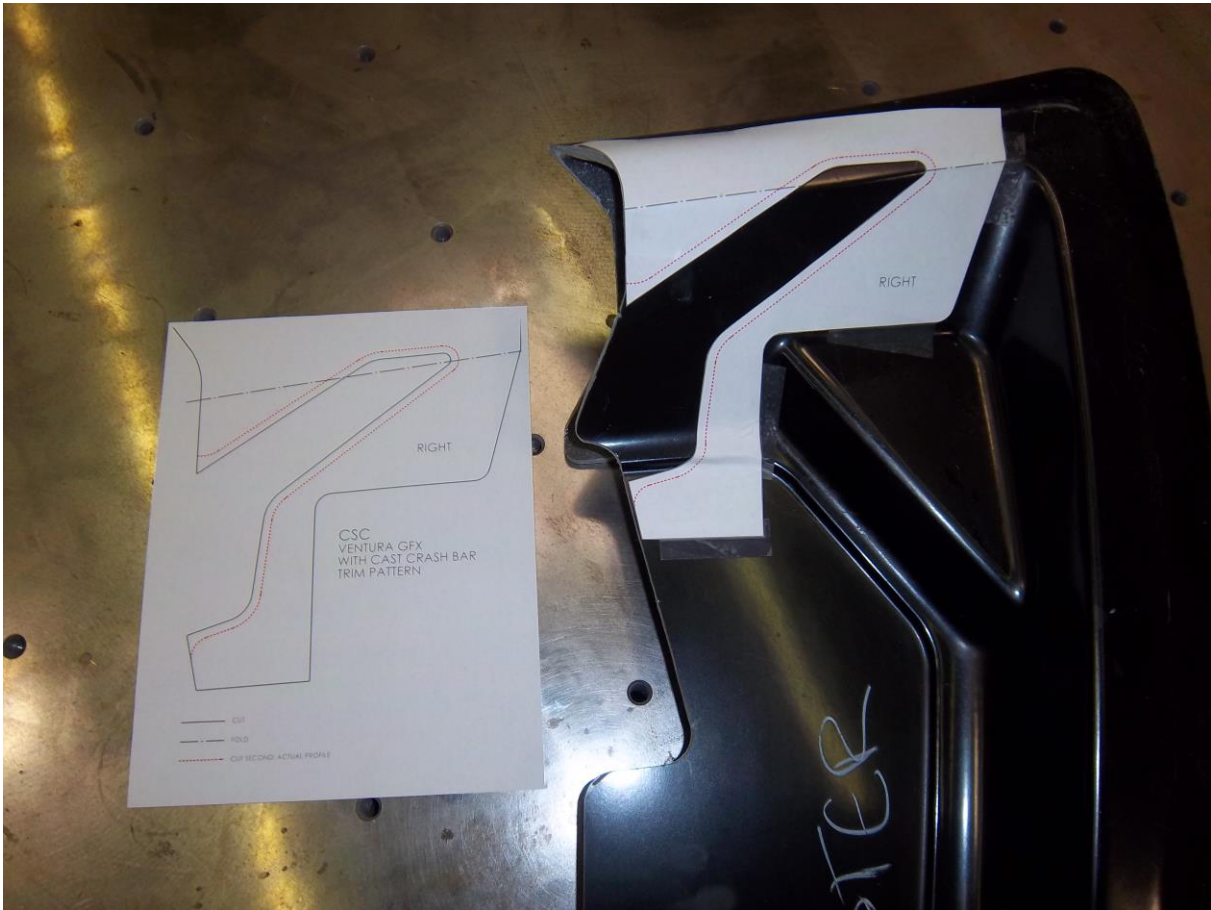
RIGHT

CSC
VENTURA GFX
WITH CAST CRASH BAR
TRIM PATTERN

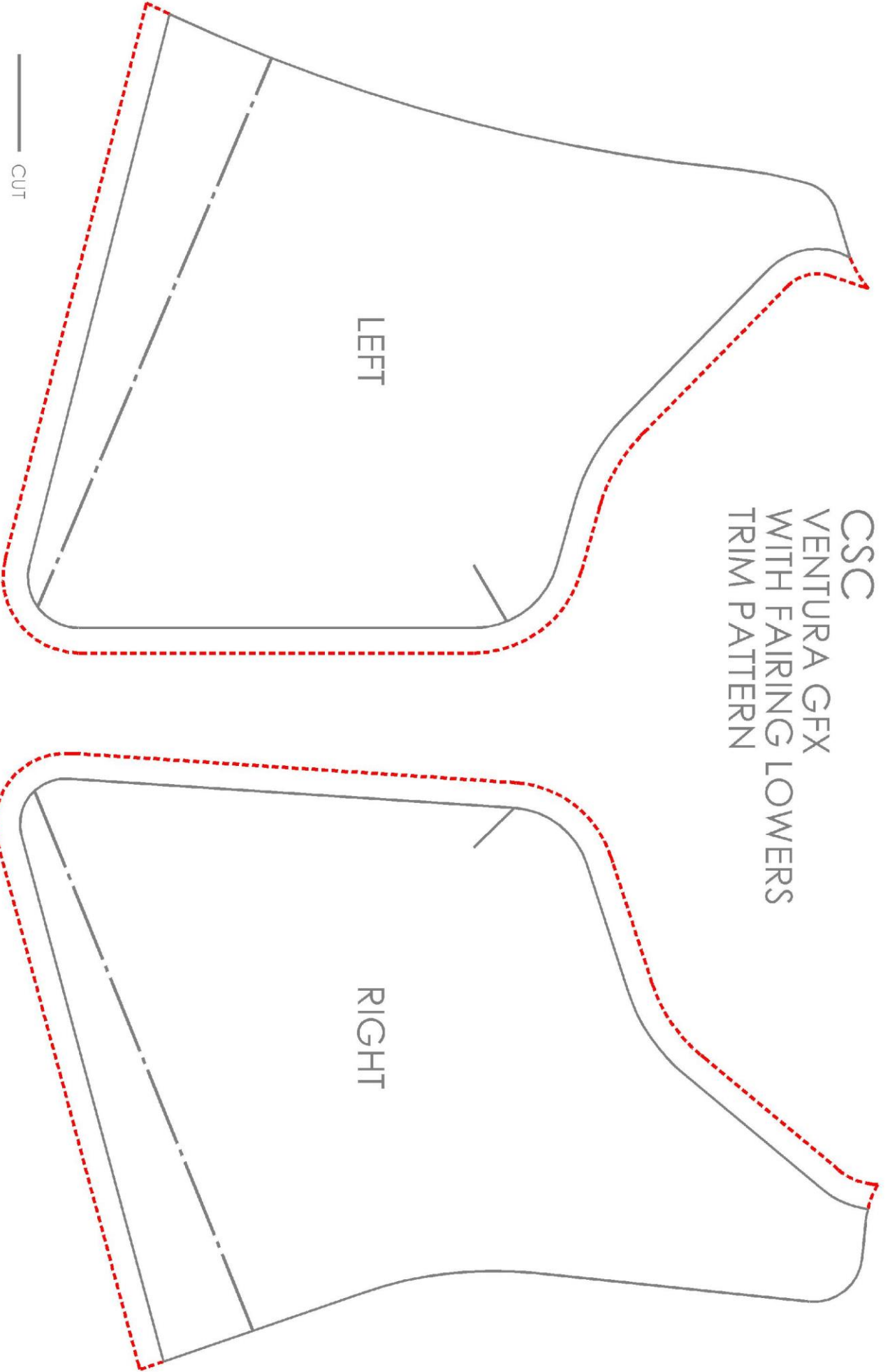
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RIGHT SIDE WITH CAST CRASH BARS.



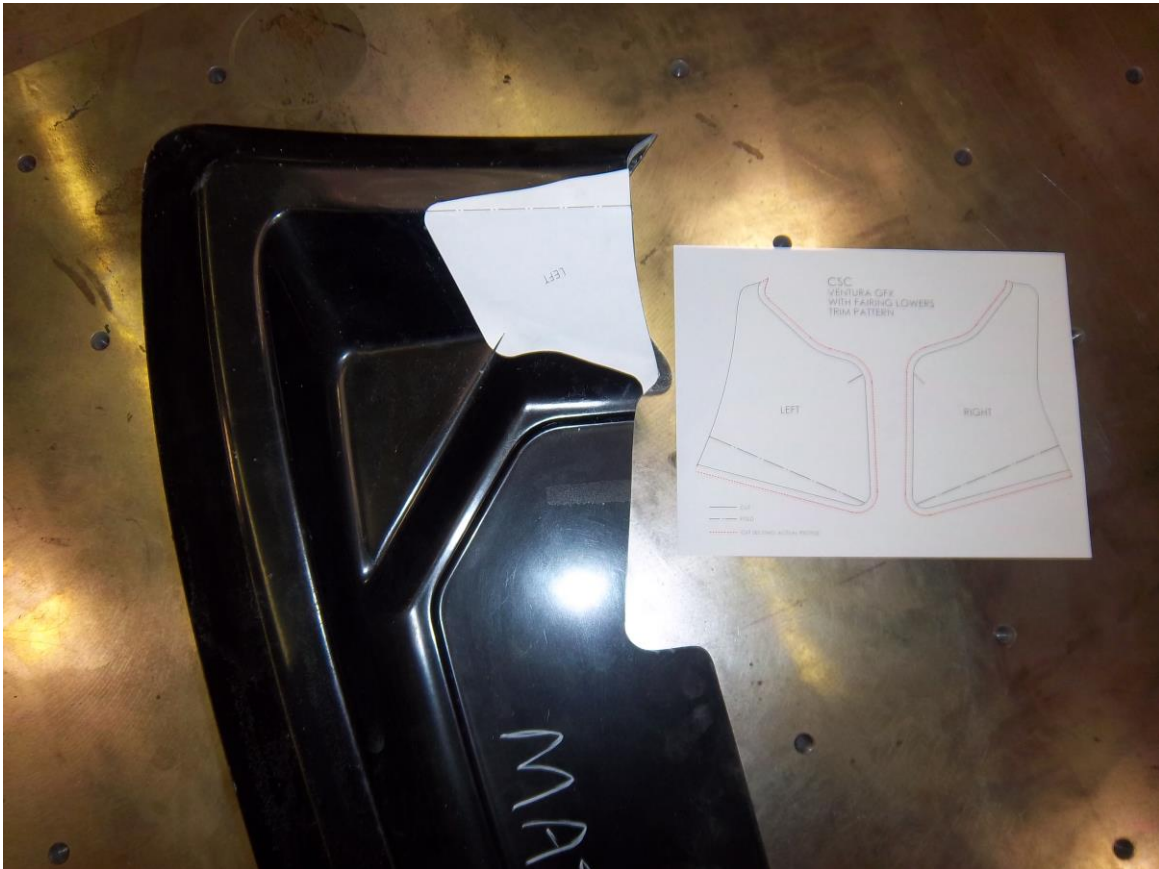
CSC
VENTURA GFX
WITH FAIRING LOWERS
TRIM PATTERN



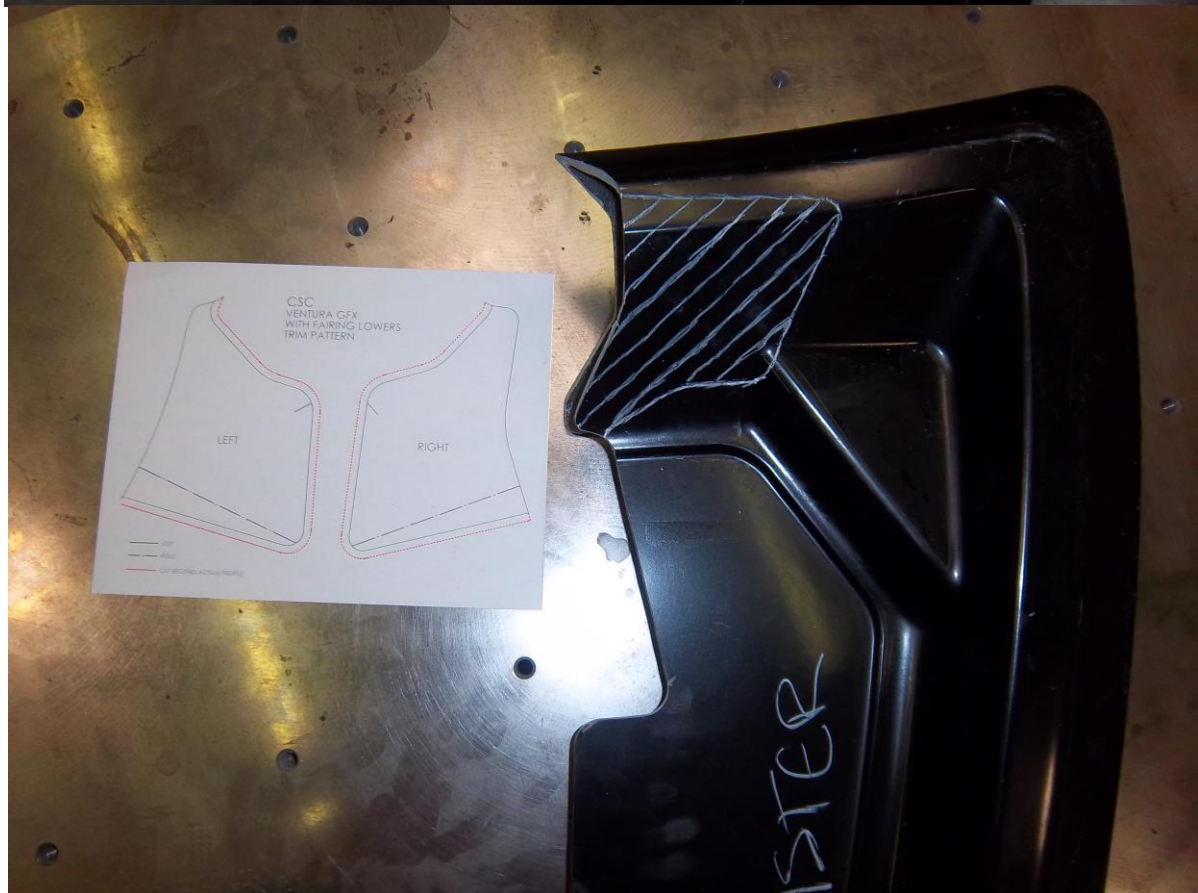
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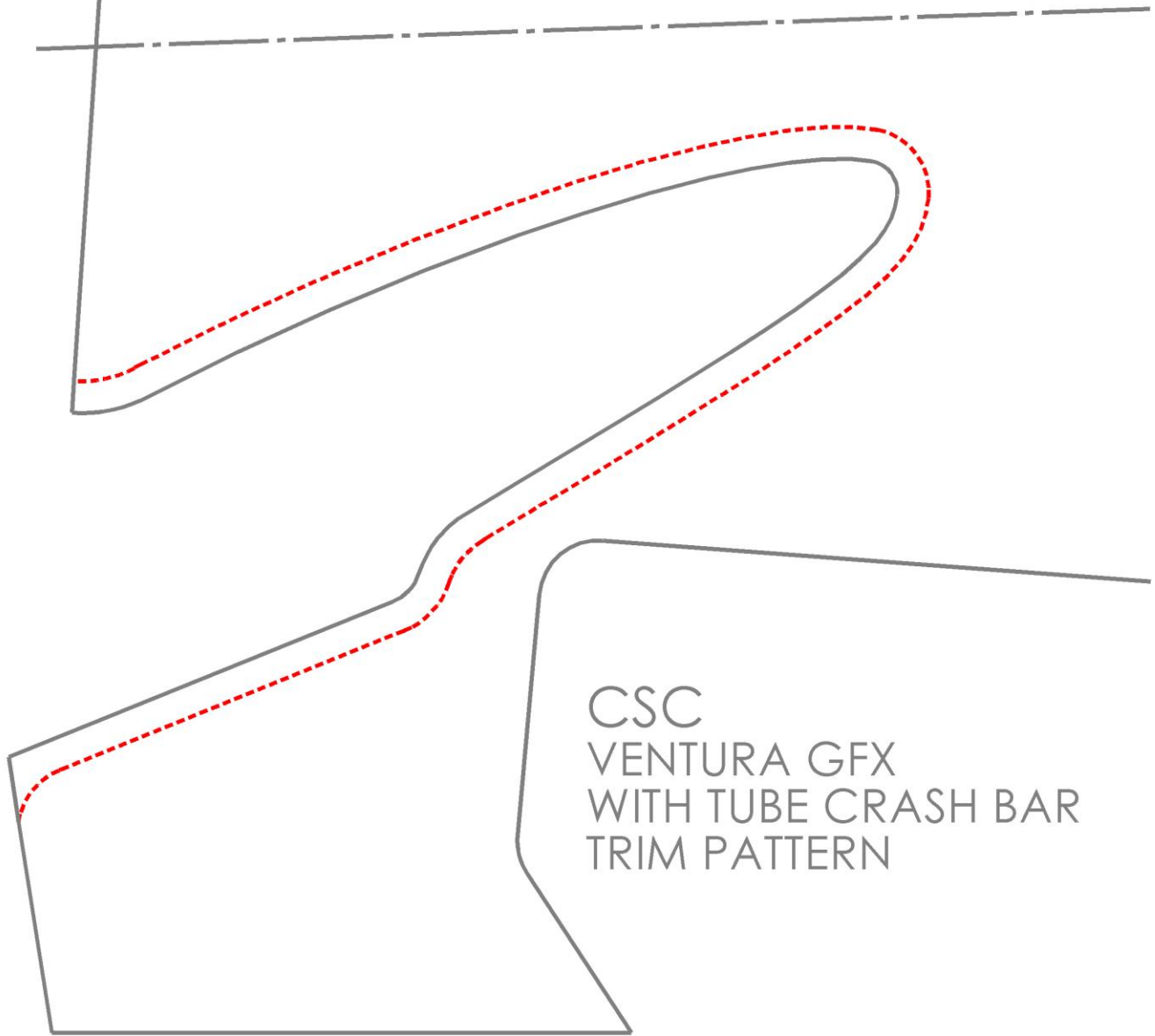
LEFT SIDE WITH FAIRING LOWERS.



RIGHT SIDE WITH FAIRING LOWERS.



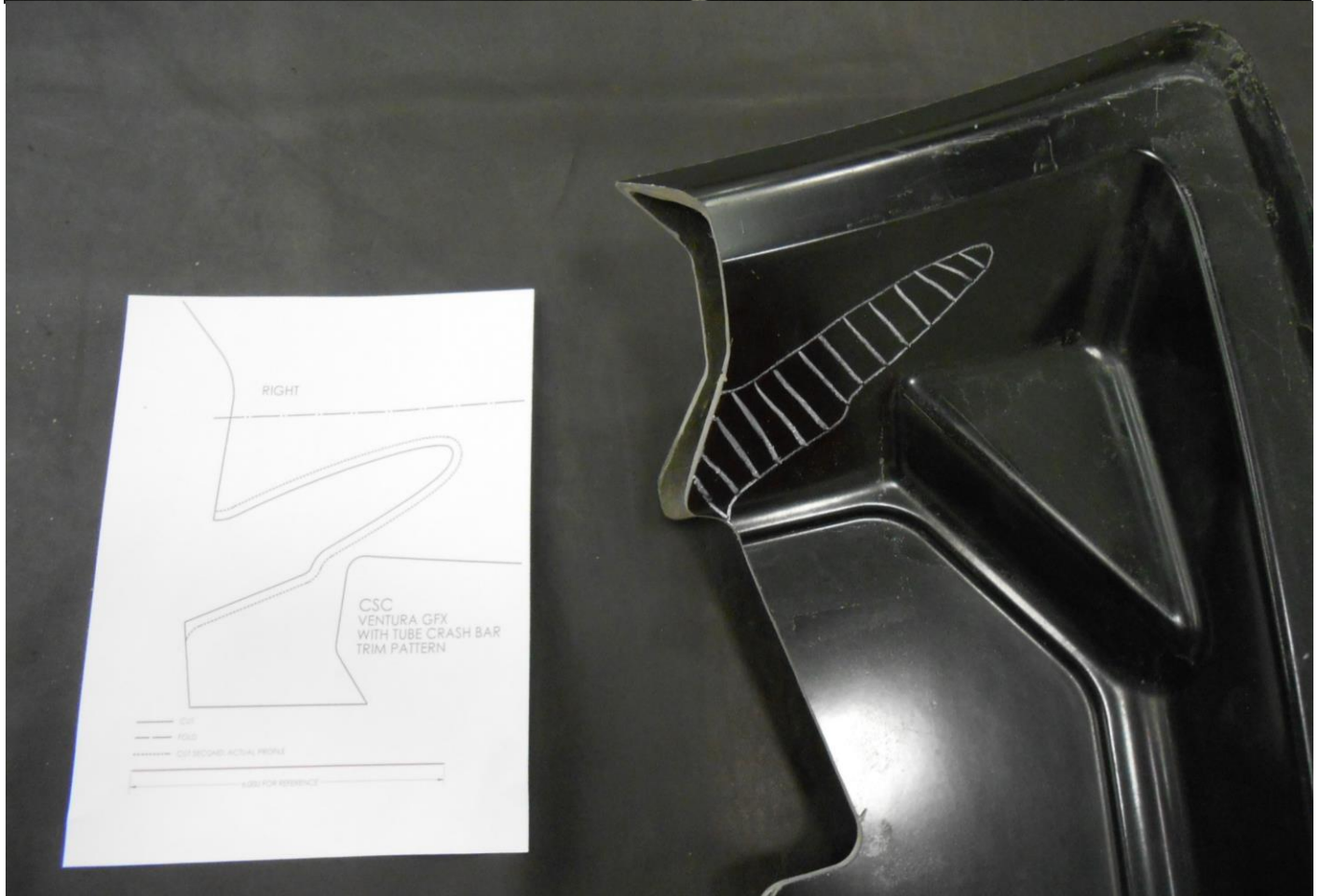
RIGHT



- CUT
- - - FOLD
- CUT SECOND: ACTUAL PROFILE



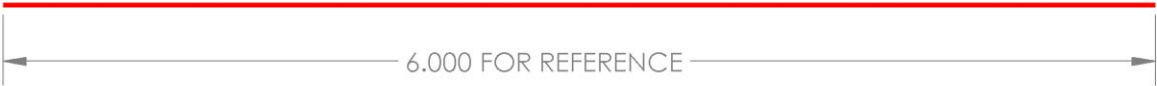
RIGHT SIDE WITH TUBE CRASH BARS.



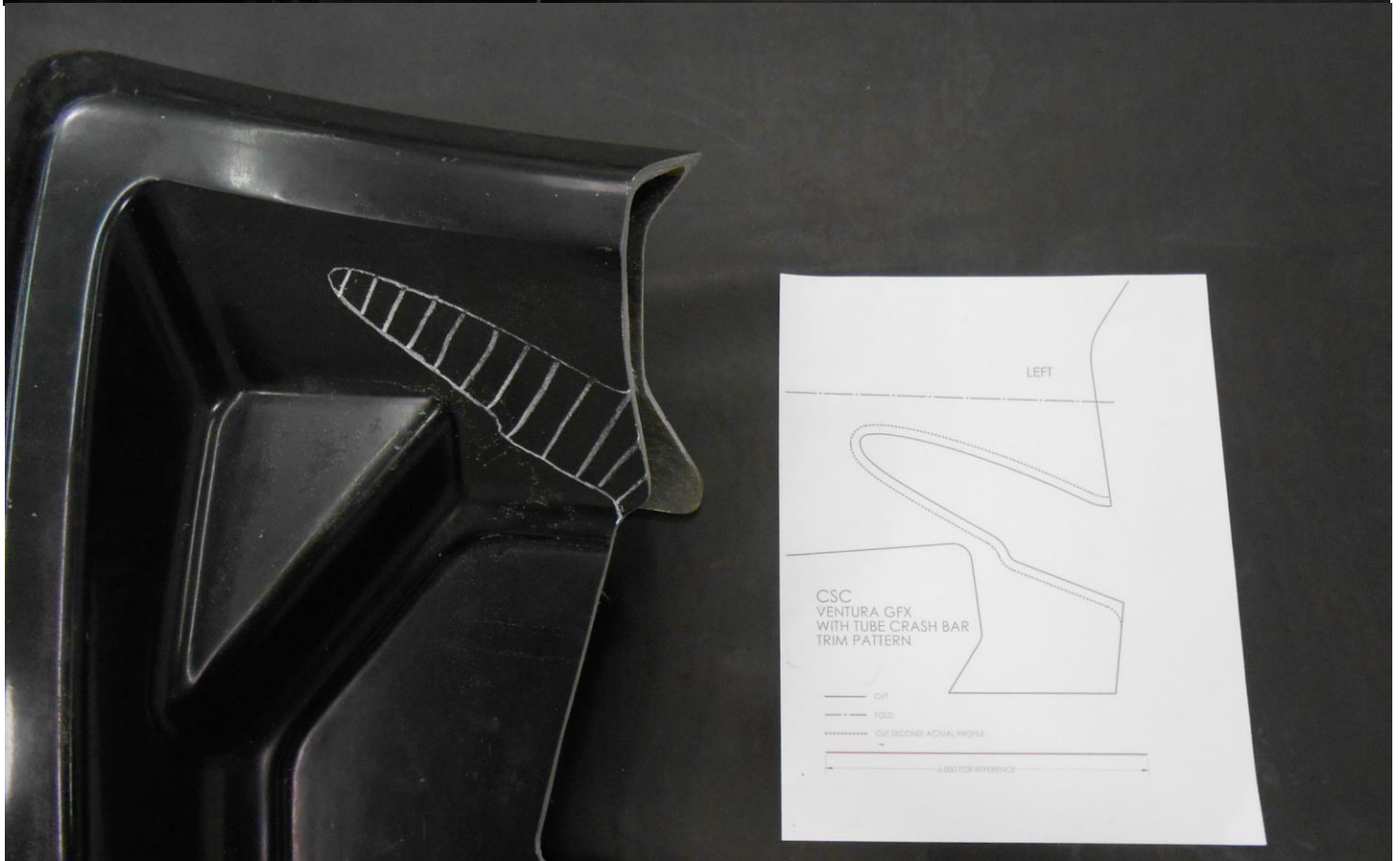
LEFT

CSC
VENTURA GFX
WITH TUBE CRASH BAR
TRIM PATTERN

- CUT
- · - · FOLD
- · - · CUT SECOND: ACTUAL PROFILE



LEFT SIDE WITH TUBE CRASH BARS.



ENJOY THE RIDE.