

Arrow

By **CSC**
TRIKES

GROUND EFFECTS

INDIAN MOTORCYCLES

**CLASSIC - VINTAGE - DARKHORSE
CHIEFTAN & ROADMASTER MODELS
2014 - CURRENT**

Installation Instructions

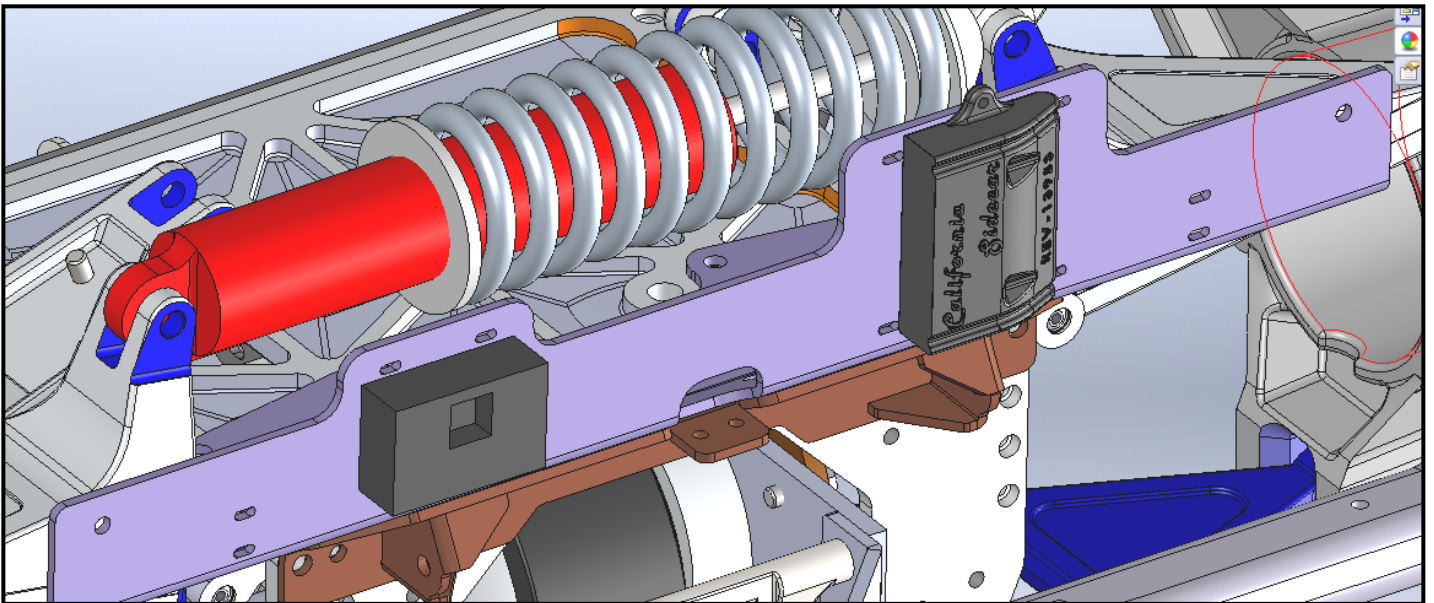
**California Sidecar Parts & Technical Support
434.263.8866**

IMPORTANT

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

Wiring Installation:

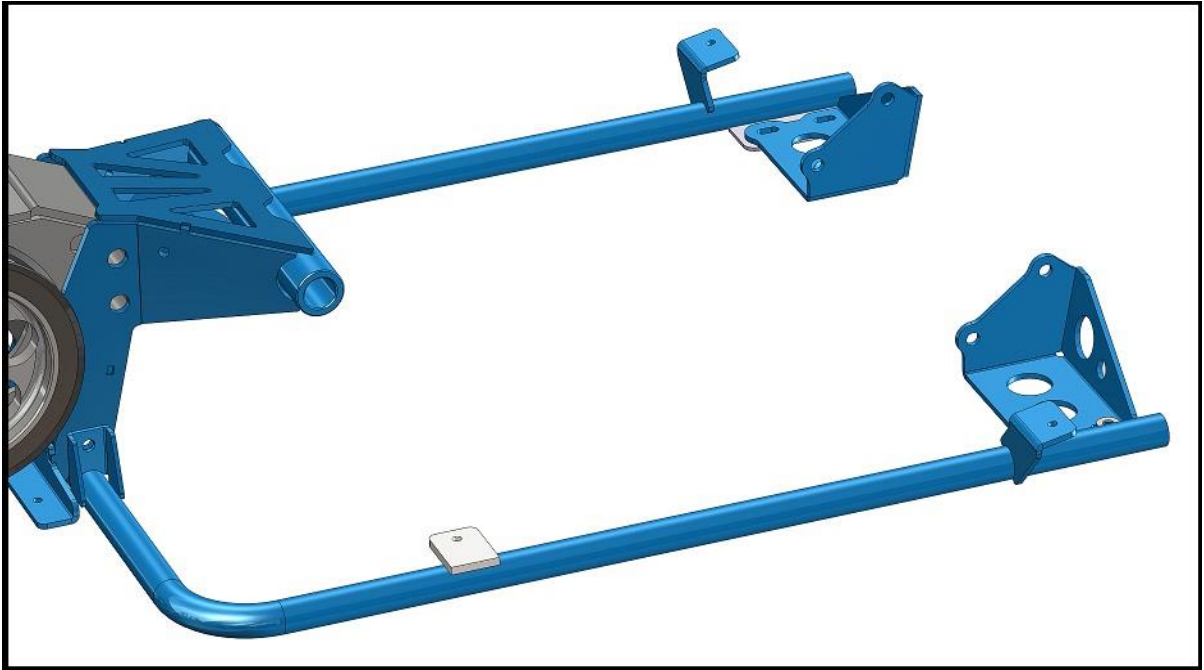
- 1. Remove the upper Side Covers and the seat**
- 2. Plug the four pin GRD EFX harness into the four pin connector at the body connectors**
- 3. Secure the GRD EFX box to the motorcycle frame**



- 4. Route the purple and black wires to the left side and the brown and black wires to the right side**
- 5. Replace the seat**

Ground Effects Mount Installation:

1. Remove the 2 fasteners on the drivers floorboard
2. Sandwich the GRD EFX Brackets R & L with the drivers floorboards and secure with the OEM fasteners
3. Place GFX Mid Mount bar under the trike as shown



4. Insert a 5/16x1 HHCS with flat washer up thru the Mid Mount into the Brackets, securing with a flat washer & nyloc nut
5. Rotate rear of GFX Mid Mount Bar up in the rear & secure with 2 3/8 HHCS with flat washers & Nyloc nuts at the rear
6. Install 2 more 5/16x1 HHCS from the bottom up with flat washers & nyloc nuts, in the front and tighten all fasteners

Fitting the Ground Effects:

1. Lay **Ground Effects** into place aligning to the fender ensuring that the rear mating edge is level and the contoured fiberglass is to the fender. Clamp it to the fender (Vise-Grip®6-sp works well)
2. Adjust front of **Ground Effects** so there is a minimal gap between **Ground Effects** edge & the motorcycle exhaust, engine covers & frame. **Note:** In order to achieve optimum fit, you may find it necessary to grind slightly where the **Ground Effects** meet the motorcycle
3. With the **Ground Effects** clamped in place.
4. Drill two 5/16 holes through the trike kit fender and the **Ground Effects** foot.
5. Insert, from the wheel well forward two 5/16 HHCS with fender washers. And secure with fender washers and nyloc nuts.
6. Pull up the rubber mat where you are about to drill.
7. Using a 1/4 drill bit with an angle drill, drill up though the **Ground Effect** using the mount as a guide.
8. Install two 1/4-20 elevator bolts into the drilled holes and secure with nyloc nuts and washers.
9. Reglue the rubber mats.

Finish Wiring:

- 1. Drill a 5/16” hole on each side of the trike body, above the mufflers but underneath the *Ground Effect*, to run the wiring harness through.**
- 2. 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.**
- 3. 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.**
- 4. 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.**

**FROM ALL OF US AT CALIFORNIA SIDECAR.
ENJOY THE RIDE.**