

*Arrow*

By **CSC**  
*TRIKES*

**GROUND EFFECTS**

**INDIAN MOTORCYCLES**

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

**Installation Instructions**

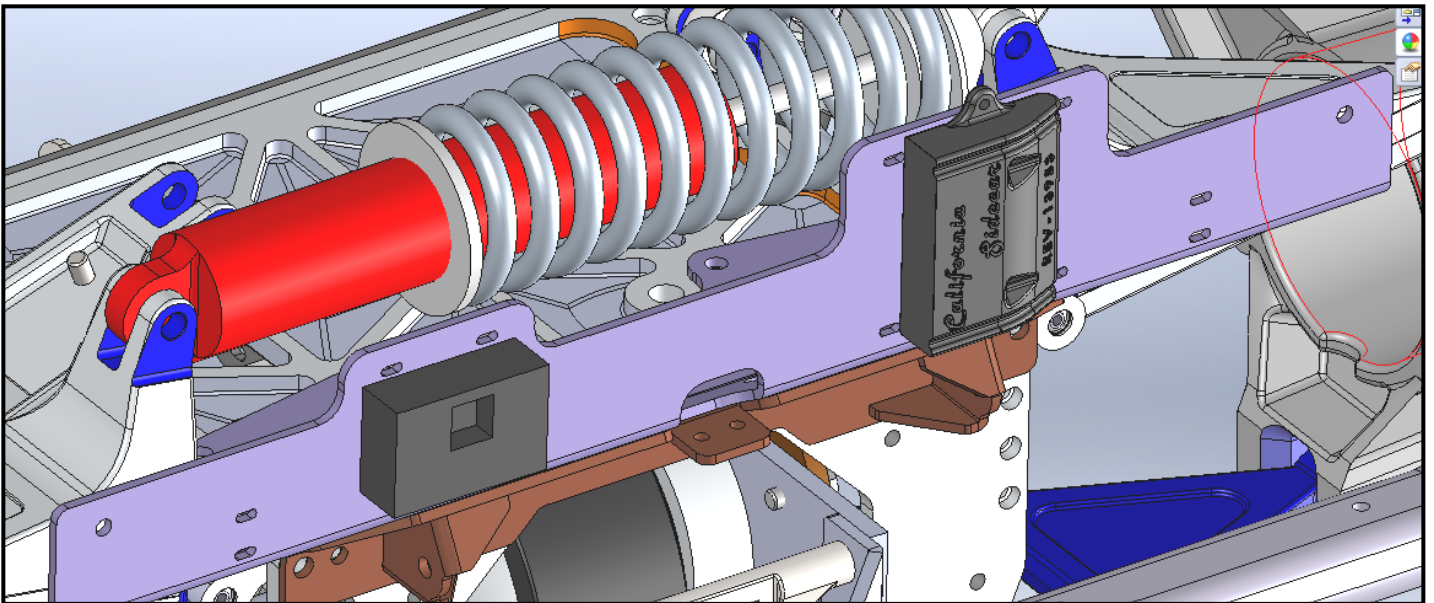
**California Sidecar Parts & Technical Support  
434.263.8866**

## IMPORTANT

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

### Wiring Installation:

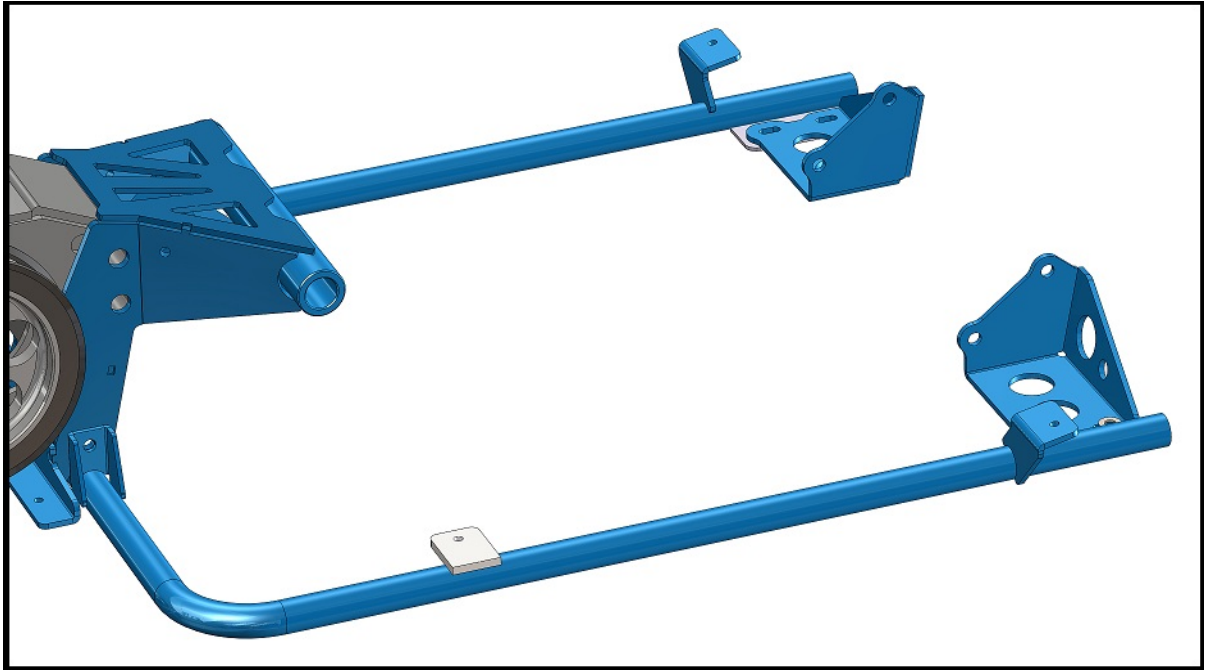
1. Remove the upper Side Covers and the seat
2. Plug the four pin GRD EFX harness into the four pin connector at the body connectors
3. Secure the GRD EFX box to the motorcycle frame



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.**