

*Daytona*

BY **CSC**  
*TRIKES*

**2009 - 2013**

**FLHT Series Harley-Davidson**

**GROUND EFFECTS  
Installation Instructions**

**REVISED 1 - 2015**

**California Sidecar Parts & Technical Support  
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## **IMPORTANT**

**The California Sidecar *Ground Effects* are designed to fit the California Sidecar Daytona Trike Conversion Kit only. They are NOT intended to support the standing weight of the rider or the passenger.**

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

### **Wiring Installation:**

1. Remove the seat and both side covers.
2. Using 2 sided tape secure the Daytona GRD EFX harness to the intermediate mount just in front of the shock.

### **NOTE 2009 – 2013 Models:**

3. Unplug the body harness from the motorcycle fender plug. Plug GRD EFX harness to both.

### **NOTE 2014 – UP Models:**

4. Plug the GRD EFX harness into the 4 pin plug.
5. Route the Black and **Brown** wires to the right side wheel well. And the **Purple** and Black to the left. To be connected later.

## **Ground Effects Installation:**

- 1. Using two rubber strap clamps install the Mount Plate with two 1/4 - 20 x 1 HHCS four washers and two nyloc nuts at the front of the mount.**
  - 2. Using the Gravel Pan Mount Plate install the Gravel pan with two 5/16 - 18 x 1 HHCS with two flat and lock washers.**
  - 3. Install the bolts up thru the Gravel pan then the rear holes of the GRD EFX Mount then thru the frame and thread into the Gravel Pan Mount Plate.**
  - 4. Install 1 1/4 chrome clamps on front crash bars.**
  - 5. Install GRD EFX mounts both left and right the same.**
  - 6. Install mounts on trike with the 2 slotted plates lined up the the GRD EFX Mount and thread the two 3/8 - 16 x 1 HHCS with flat washers and thread locking agent into the mount and tighten.**
  - 7. Install the 3/8 - 16 x 1 1/4 HHCS with flat washer from the bottom up threw the chrome clamp and the front of the mount, flat washer and nyloc nut. Tighten all fasteners.**
  - 8. Lay *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 or primary cover.
- 9. Once an optimum fit is gained, remove them from the trike and secure the rubber trim to the mating surface.**

10. Place the ***Ground Effects*** into position and loosely install the 1/4 -20 x 1 HHCS, flat and lock washer into the front mount under the drivers floorboard.
11. Push the ***Ground Effects*** back into the trike body and drill 1/4 hole up threw the mount and install the 1/4 - 20 elevator bolt flat washer and nyloc nut.
12. Adjust the rear fiberglass mount and drill a 5/16 hole and secure with a 5/16 x 1 HHCS 2 fender washers and a nyloc nut. Tighten all fasteners.
13. Drill an 1/8 hole on the outside of the rear fender to secure the ***Ground Effects*** to the fender. Secure with 6-32 Truss Head Phillips Screw flat washer nyloc nut and chrome snap cap. Trim off extra length of screw if necc.
14. Drill a 1/4 hole on each side of the trike body, above the exhaust but underneath the ***Ground Effect***, to run the wiring through.
15. 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.
16. 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.
17. 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.**