



**2000 - Current
Softail
FLST Harley-Davidson

Ground Effects
Installation Instructions**

Revised 1 - 2015

**California Sidecar Parts & Technical Support
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Notice to installers

2007 and newer bikes you will need to use the cutting template on the last page to fit the left side *Ground Effects*.

2010 and newer models: When using the drivers floorboard to align the *Ground Effects* to the kit notice that some models have a more rounded floorboard so you will need to space out your *Ground Effects* accordingly.

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.
2. Using 2 sided tape secure the GRD EFX harness to the Upper Frame mount or intermediate mount.
3. Unplug the body harness from the motorcycle fender plug. Plug GRD EFX harness to both.
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.

Ground Effects Installation:

1. Remove the two 3/8-16 x 1 HHCS from the exhaust mount. Install the right GRD EFX mount over the exhaust mount using two 3/8-16 x 1 1/4 HHCS and Flat Washers.
2. Using the two 3/8-16 x 1 HHCS and Flat Wahers removed from the right side exhaust mount install the left GRD EFX mount.
3. Install two 3/8-16 x 1 3/4 HHCS Flat washers and two Nyloc Nuts threw the front driver floorboard mount on both sides.

4. Tighten all fasteners.

NOTE: 2007 and newer bikes refer to grinding template on last page. Also use driver floorboards as a reference for fitment. Note that floorboards differ from bike model.

5. 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, exhaust, or primary cover.

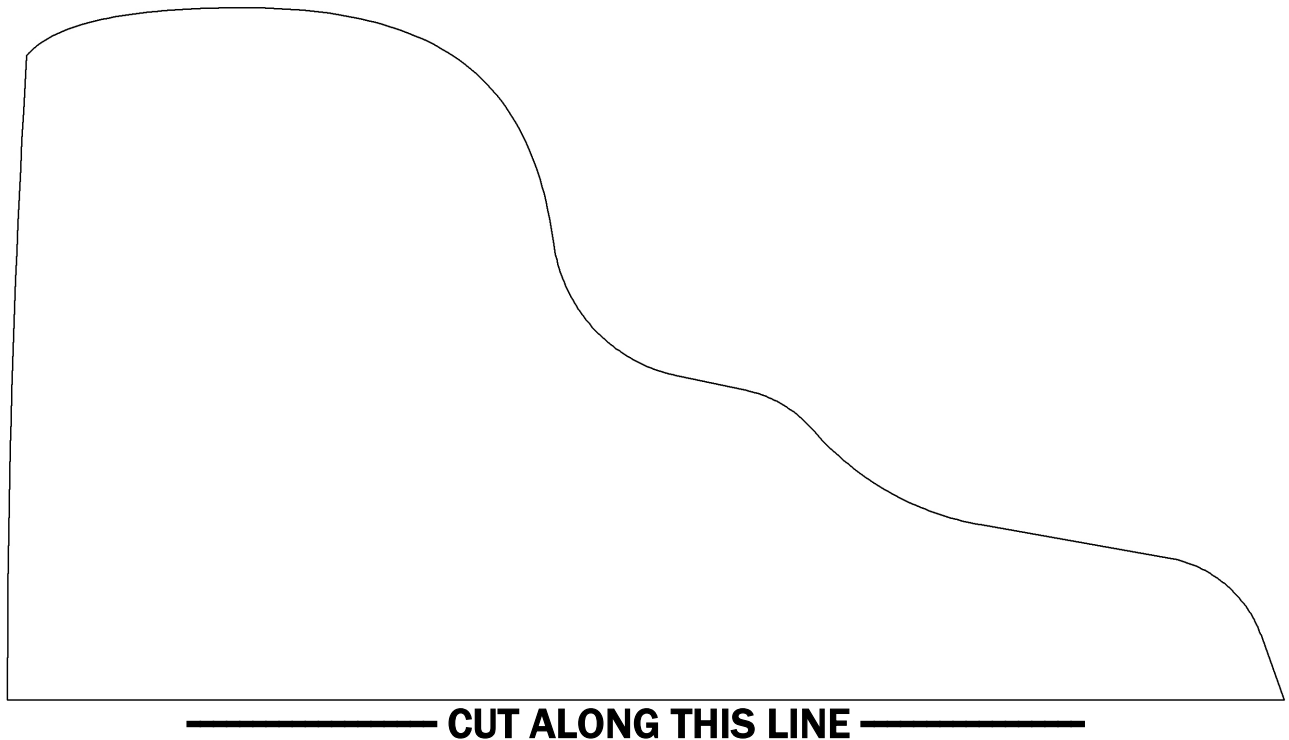
2007 & UP MODELS

It will be necessary to remove more material in order to fit up the ***Ground Effects*** to the primary cover.

6. Once an optimum fit is gained, remove them from the trike and secure the rubber trim to the mating surface.
7. Push the ***Ground Effects*** back into the trike body and drill four 1/4 holes up thru the mount and install the four 1/4 -20 elevator bolts flat washers and nyloc nuts.
8. Adjust the rear fiberglass mount and drill a 5/16 hole and secure with a 5/16 - 18 x 1 HHCS 2 fender washers and a nyloc nut. Tighten all fasteners.
9. Drill a 1/4 hole on each side of the trike body, just to the outside of the adjustable foot, but underneath the ***Ground Effect***, to run the wiring through.
10. 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.

11. 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.
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.

**GRINDING TEMPLATE FOR 2007 AND NEWER BIKES.
TEMPLATE TO BE PLACED ON THE LEFT FRONT AREA THAT
GOES UNDER THE DRIVER FLOORBOARD. REMOVE THIS
AREA FOR FLOORBOARD MOUNT CLEARANCE.**



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ENJOY THE RIDE.**