

# ***XRX Hooligan tail mounting instructions***

Updated **9/10/18**

Print this out for later reference

## **Taillight wiring**

**Red**=brake light. **Black**= Tail light

I have included another **black** wire with a round mount end

## ***Warning***

Your tail has 8 narrow pointy (tips or peaks). They chip very easily so guard them carefully and this warning should be extended to your painter too

## ***Concept***

The idea behind the XRX tail is an economical way to get a Street Tracker look on the cheap because it fits behind a stock big 3.3 gallon stock tank. It is also the Hooligan look because some racers simply use the stock tank. The XRX is designed with scalloped edges. On the left, the shape mirrors my side cover and on the right side, the oil tank (not shown). The leading edge of the tail reaches up to the tank to blend the two.



Shaped for oil tank



Shaped for battery cover



Battery cover

## ***I have XRX Kits to fit these tanks***

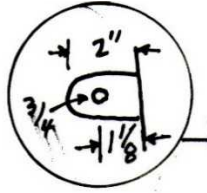
- [ ] Gen I 3.3 gallon flat back tanks with 2" front tabs
- [ ] Gen II 3.3 gallon round back tanks with 2" front tabs

## ***XRX will not fit these tanks***

- [ ] 2 gallon peanuts tanks
  - [ ] 3.3 gallon flat back tanks with shorter than 2" front tabs
- I'm not sure about Pre-Evo frames made before 1986.

## ***Gen I. XRX fits flat back tanks***

The XRX fits behind the 3.3 gallon flat back tank with 2" long front mounting tabs. I'm sorry but I don't know what years these tanks were used



Flat back tank

### ***Gen II. XRX fits round back tanks***

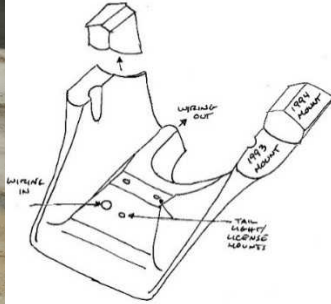


Gen II XRX will fit round back tanks for these models  
1999-2003 **1200s** and 1991-2003 **883s**  
Tails are done and ready to order

### ***XRX tail mounting***

#### **The tail mounts simply**

1. Remove the stock fender assembly.
2. The front tab (with blue painters tape) secures the tail front. Often you'll have to bend this tab up (for more clearance) or down to tighten the clamping power on the tail front.
3. To level the tail you may have to shim the tail with hard rubber blocks. Each tail is different as are the frames oddly enough. I try to send shim material when I notice there could be a problem
4. Notice the dropped area with the frame poking through. That is for a  $\frac{1}{4}$ -20 screw-the only fastener that holds the tail in place. An attached plate under the tail supports your weight too

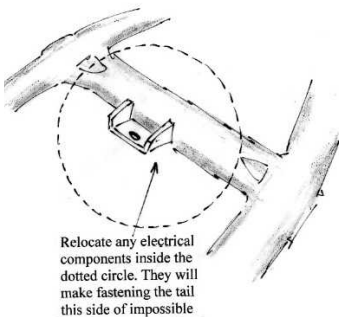


Tail support

The support bracket fits Evos from 1986 to 1993 and Evos from 1994 to 2003. The unmodified plate is in the 1993-2003 configuration. The seat rails on 1986 to 1993 are higher so I whack off the taller lobes and presto a new fit for older models. You have to tell me when you order what year bike you have.



1994-2003 frame in front. 1986 to 1993 frame in rear



Relocate any electrical components inside the dotted circle. They will make fastening the tail this side of impossible

### Obstacles

If you have an electrical module attached to the cross rail where my tail mounts it will have to be repositioned so the tail fits.

### Fitting on 1986 to 1993 Frames

You don't have to do anything.

## Fitting on 1994 to 2003 Frames

Position the tail on the frame and eyeball the seat rails poking out behind. How much to cut off? Maybe 7.5" maybe more you be the judge

### **Attaching the taillight/license plate mount**

**Red**=brake light. **Black**= Tail light

I have included another **black** wire with a round mount end

I ship the light assembly unattached to reduce shipping box size (cost). And you don't want it attached when you paint. The taillight is attached to the metal plate. A black and a red wire come out of black rubber portion of the light. Make sure the nuts are tight.

[ ] Attach the other black wire to the right light mount stud on the back side away from light side. This is your ground

[ ] Tape all three wire ends together

[ ] Feed a length of coat hanger or welding rod into the opening on the forward right side of the black fiberglass mount. It's on the left when tail is upside down. Make a hook in the wire a pull the wiring under the black fiberglass support plate. The 5/16 hole to the left of the threaded insert is the wiring channel



When you install the light assembly tape all the wire ends together and fish them out the front of the plate with a bent hook or wire



### ***Attaching the seat cushion***

This is the easy part. Create your own Velcro pattern. Use all the available flat spaces you can. Deploy Velcro at the ‘four corners’ of your seat for max holding power. Start with either seat or tail and layout your pattern. Cut and apply a corresponding pattern on the other part. You will find your scissors all gummed up with adhesive when you are done. Lacquer thinner cleans scissors jiffy quick. You will be surprised at the holding power of 2” wide Velcro. Sometimes you will make an embarrassing anal sound in a removal attempt-it holds that well.

### **WARNING**

I use a real Sportster frame as a jig to mount; the tail, support plate and taillight. Everything may not fit your frame as it did on mine. Don’t be afraid to use shims when needed. If the tail doesn’t fit the tank you may want to use a smaller diameter rear tank mount bolt. If the support plate doesn’t fully contact the frame-fill the space with rubber pieces siliconed or tapped in place

### ***Tid bits***

How to tear off your license plate, taillight and break your tail section

- [ ] Easy, use stock length shocks (15” is best)
- [ ] Use spring weights not suited for your weight
- [ ] Hit huge pot holes
- [ ] Ride two up but I don’t how that’s possible with this tail

If you run into trouble call me 7 days a week. 952-607-6063 cell Phil