

XRX Hooligan tail mounting instructions

Updated 3/7/23

Print this out for later reference

Taillight wiring

Red=power. **Yellow**=brake. **Black**=ground

This is the code of my wires. Colors from the light have been changed in my wiring

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

XRX Gen II tail will not fit these tanks

[] 2 gallon peanuts tanks

[] 3.3 gallon flat back tanks



This is a flat back tank and Gen II won't fit it

XRX Gen II fits round back tanks with 1 1/2" front tabs

XRX Gen II will fit round back tanks for these models, 1999-2003 **1200s** and 1991-2003 **883s**.

If you have an earlier model and just have to have my tail, think about buying a round back tank—it'll fit older frames



This is a round back tank



Sportster tanks came in many configurations with differing tabs. The round back tank have 1 ½” tabs. They have a slight bend close to the tank

What is a white “painter”

This XRX fender comes out of a ‘split mold.’ When part shapes are too complex to be pulled straight out of a mold, the mold is divided into two pieces. They are joined, the fiberglass is shot into the mold and upon curing, the mold is unbolted. The part comes out as one piece but will show a visible seam. I sand it down but often the line remains. To make the part presentable, it needs to be painted. Sometimes other flaws show too but light filler, primer and paint will hide them.

XRX tail mounting

Every tail I make varies in thickness and frame welds also vary. Sometimes the tail and the taillight can be slightly tilted. I try to eliminate this when I mount your tail on a frame I have in my shop. If your tail and the taillight are tilted just shim the offending part. It is wise to hammer down the front frame tab to kiss the tail. This

offers more secure holding power. You can also affect tilt by pounding down just one side of this tab

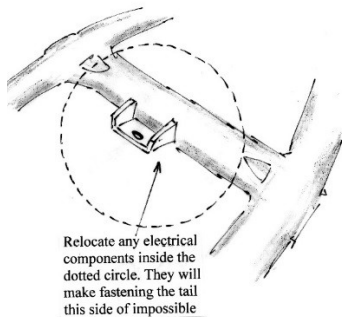
1. Remove the stock fender assembly.
2. The front tab (behind tank) secures the tail front. Often you'll have to bend this tab up (for more clearance) or down to tighten the clamping power on the tail front. Or one side lower than the other to put pressure on one side if it sits cockeyed
3. To level the tail you may have to shim the tail with hard rubber blocks. Each tail is different as are the frames welds which throws things off. I try to add shims when I notice there could be a problem.
4. Notice the dropped area with the frame poking through. That is for a 1/4-20 screw-the only fastener that holds the tail in place. The attached rear plate under the tail supports your weight too
5. Don't be afraid to shim the tail with washers to get the tank and tail to line up. This can be an up or down situation and this method can also correct one side or the other to level everything. You can also use a smaller diameter rear tank bolt if it helps with fitment
6. If the taillight sits cockeyed, just shim it. I try to eliminate tilting when I put your tail on the frame in my shop



Tail support



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



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 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. **Yellow**=Tail light. **Black**=Ground

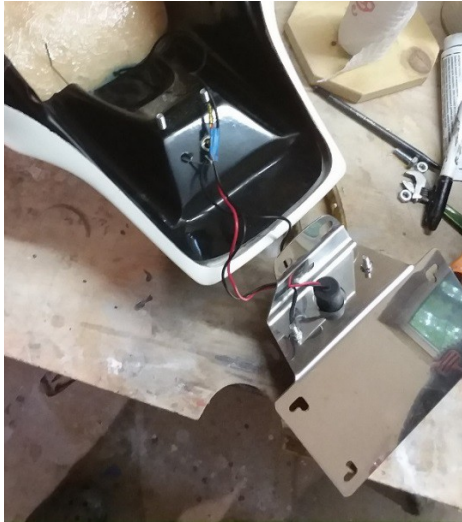
I ship the light assembly and its metal mount unattached to reduce shipping box size (cost). You don't want the taillight attached when you paint. A black and a red wire come out of black rubber portion of the light. I join that black wire with yellow. The black ground wire attaches to the metal taillight mount

[] Install the taillight and metal mount to the fiberglass mount under the tail. Make sure the nuts are tight.

[] 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 leads to the wiring channel



I am now making my own licence plate holderes from carbon fiber which is cheaper than my old metal plates. My old plates had 'L' shaped holes for mounting plates in various states with differning sized plates. I'm sending the new ones without predrilled holes. Just tape or clamp plate to holder and drill four 1/4" holes for the hardware I send.



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 your 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 glued in place or built-up silicone

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 know if that's possible with this tail

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