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# **REF: Body Parts**

# **Lowering the Detachable Windshield**

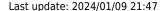
# **Fabricating a Bracket**

This was made from a standard aluminium strip from the local aluminum supplier (50 mm wide, thickness 4.3 mm / 11/64 in) cut to shape with a brushed finish.

Finshed product: 1)



Fitting stages: 2)





# Re-locating the Bottom Clamp

## Finished product: 3)



## Process stages: 4)

- Remove the brackets and tie a string between the clamp holes to get the center line and keep the clamped angle the same.
- Tape the area to be drilled to help keep from chipping the outside edges while drilling.
- This one was drilled 1-1/4" up in a drill press.
- Be sure to leave enough meat between the hole O.D. and the edge for strength.
- Use the same process and measurements on both sides first.
  - You may find that the factory holes are not quite in the same place on both brackets.
  - You may also find that your exact (matched) measurements would end with the new hole being closer to the edge than the other bracket. So, you'll have to improvise a little.
  - If the new holes aren't perfectly drilled to match on both sides, it'll still work.
  - It will probably be barely noticeable if at all.

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- Use a punch to set the center of the hole for the bit.
- Pre-drill the hole with a smaller bits in steps up to the final drill size.
  - This will help keep from burning the bits up while drilling thru the stainless steel bracket.
  - Heat will build quickly so use plenty of cutting oil to keep the bits cooler.
  - If it starts smoking, stop and go back to a smaller bit and then step back up to the final one.



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1)

## photo by girlsbike of the XLFORUM

https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-accessories/127764-lowering-the-detachable-hd-windshield-without-cutting-it?t=1313996

### photos by girlsbike of the XLFORUM

https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-accessories/127764-lowering-the-detachable-hd-windshield-without-cutting-it?t=1313996

## photos by CitySlicker of the XLFORUM

https://www.xlforum.net/forum/sportster-motorcycle-forum/sportster-motorcycle-accessories/127764-low ering-the-detachable-hd-windshield-without-cutting-it?t=1313996

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