



HEARTLAND USA®

Heart Breaker 280 Conversion

Fits Breakout Model Softails
(Instruction)

We recommend that you mock up bike before you paint parts.
We also recommend that you lower the bike to achieve the desired look.



PARTS LIST

Heartbreaker 280 Conversion Includes:

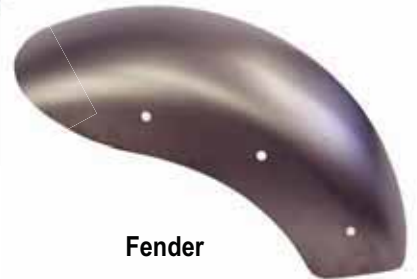
Solo Seat
Struts
Fender
Steel Rock Guard
Light Brackets
Hardware
20mm Belt



Solo Seat



Struts



Fender



Left Rock Guard



Right Rock Guard



20mm Belt



Light Brackets



Rock Guard Bolts



Strut and Fender Bolts

17171 S. Western Ave., Gardena CA, 90247

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www.heartlandbiker.com

We recommend reading through the entire install process before beginning.

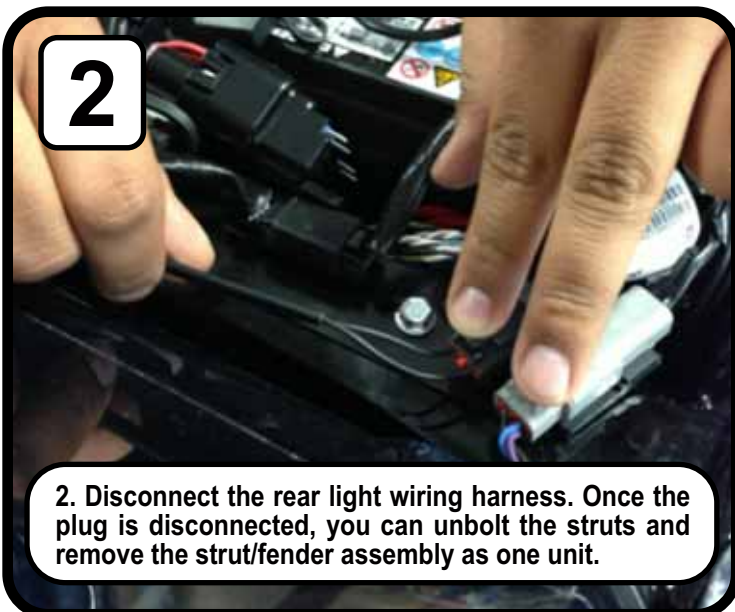
1

1. Remove the stock seat and disconnect the battery.



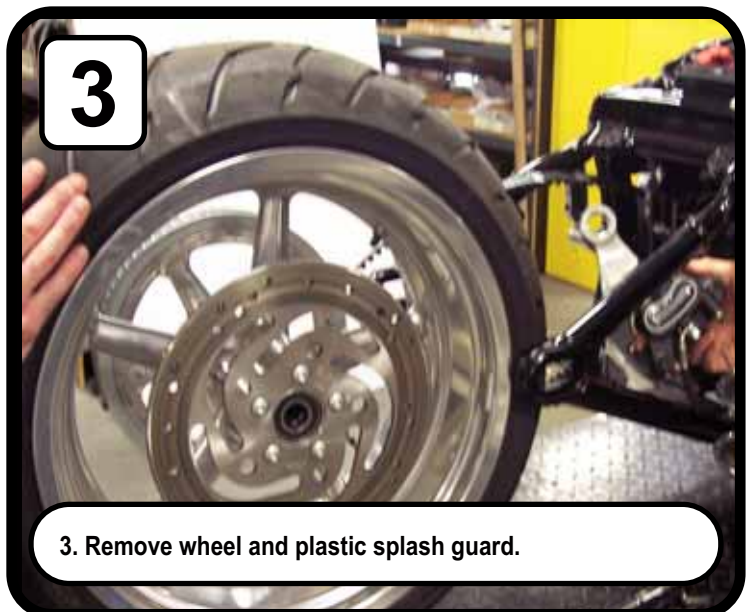
2

2. Disconnect the rear light wiring harness. Once the plug is disconnected, you can unbolt the struts and remove the strut/fender assembly as one unit.



3

3. Remove wheel and plastic splash guard.



4

4. Remove brake caliper bracket.

Before

Grind down caliper perch along this line using the template on last page as a guide.

After

Leave only 1/4" at this point to ensure rim clearance.

5

5. Grind down caliper perch.
* Use the template on last page as a guide.

6

6. Remove Outer and Inner Primary Covers to install supplied 20mm belt. *Refer to Harley Davidson Factory Service Manual.



7a

7a. Now you will begin to install your Heart Breaker Conversion starting with the Steel Rock Guard. Slide the left half of the rock guard into the proper position. The Welded tabs should align over the holes of the swingarm.



8b

8b. Install brake caliper bracket with supplied wheel spacers. Spacers come with wheel.



7b

7b. With the hardware provided, screw each bolt in. You may want to check the exact position before tightening. Use Blue Loctite. Repeat step 5 & 6 to install right half of the rock guard.



8a

8a. Tape wheel to protect from scratching. Install wheel at a slight angle to clear caliper perch.



8c

8c. Install rear wheel axle.

8^d



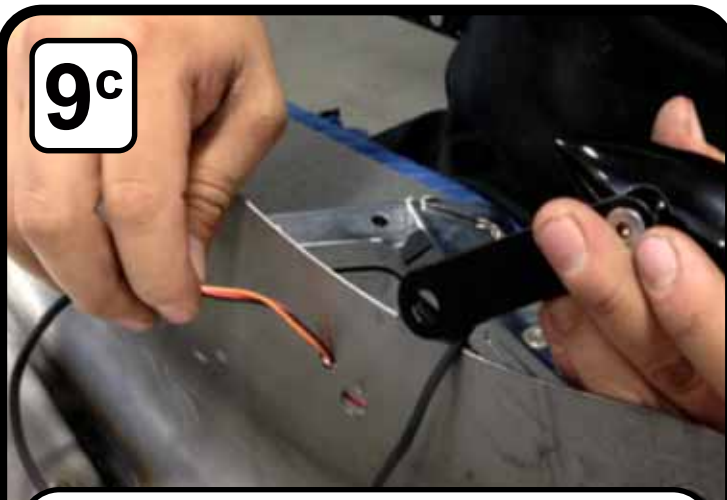
8d. Install brake caliper.

9^b



9b. First bolt the light to the light bracket.
(Always test lights before installation.)

9^c



9c. Feed the wires through the small hole from the inside out.

9^a



9a. The easiest way to assemble the fender and struts is off the bike on a table. Using a soft cloth underneath, set the fender upside down and lay out the struts next to it. Bolt each strut to the fender. If you are planning to run rear turn/brake indicators, now is the time to install them. The wires for the turn signals are meant to rest inside the struts in the "wire groove" and held in place by the fender.

9^d



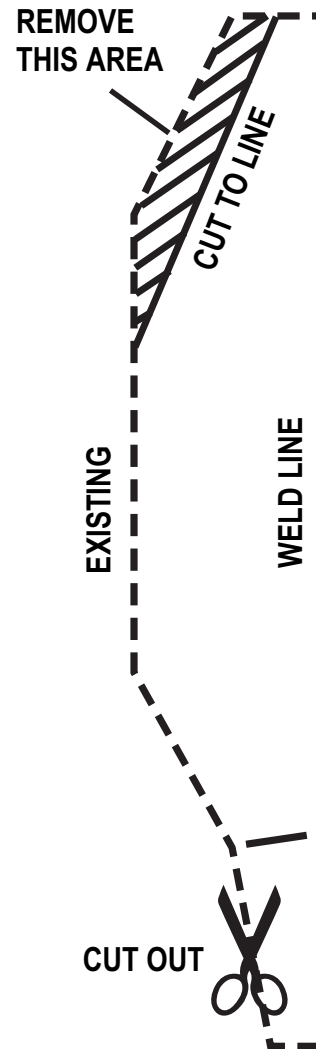
9d. Push the wires into the channel on the inside of the strut. You may want to use tape to hold wires in place while bolting the strut to the fender. Make sure there is no slack in the wire and that it is not pinched.

10



10. Now that the struts are mounted to the fender, you will bolt them to the frame. Using the hardware provided, screw each bolt in to the frame loosely. When tightening the bolts start by snugging them down and then torque the rear bolts first, followed by the front bolts.

Template for Step 5



11



11. Install new supplied seat by starting at the nose and making sure the tongue is fitting in the frame. Then slowly bring the seat down while checking clearance. The seat should not interfere with anything in the battery box. Push back of seat to activate the suction cup. Make sure the suction cup release tab is pointing upwards for easy removal."



We recommend that you lower the rear of the bike to achieve the desired look.

BREAKOUT

BILLET TEAR WIRING

3 – FUNCTION (RUN, TURN, BRAKE)

NEED – Contact Pins 20-01 gauge (Harley Part # 74191-98) 6 pcs.

TURN SIGNALS

Left Side:

- Black – Black
- Red – Blue/Purple
- Orange – Blue

Right Side Side:

- Black – Black
- Red – Blue/Black
- Orange – Blue

PLATE HOLDER W/ BRAKE WIRING

2 - FUNCTION (RUN, BRAKE)

NEED - Deutsch 6 way socket Housing (Harley Part # 72116-94BK) 1pc.

- Locking cap (Harley Part # 72156-94) 1pc.

- Contact pins 16-18 gauge (Harley Part # 72191-94) 3pcs.

- Black – Black
- Red – Blue/Red
- Orange – Red/Yellow

