

# **RACKIT**<sup>TM</sup>

## **BILLET ALUMINUM CARGO RACKS**



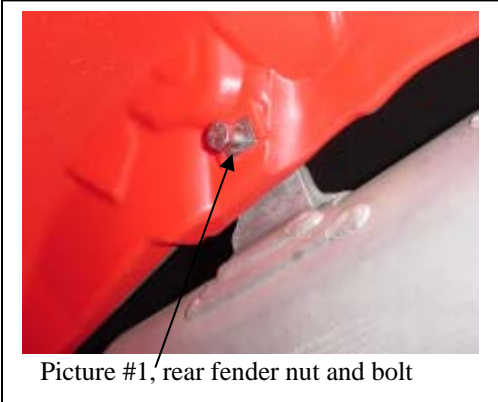
Manufactured by:  
Pro Moto Billet  
11461 lone star rd.  
Nampa, ID 83651  
1-208-466-4762

Thank you for purchasing the best looking rack in the motorcycle industry. Your new rack is constructed of 6061 billet aluminum and then anodized to give you a high quality and good-looking rack for years of backpack free riding enjoyment.

### **Instructions for 2004–07 Honda CRF250 R/X Rack**

1. We recommend using a removable thread locking agent on all bolts.
2. Remove the 2 seat bolts. Remove the left and right side panels.
3. Remove the rear fender mounting bolts and the fender nuts (under fender, see picture #1).
4. Remove the rear exhaust mounting bolt.
5. Drill out the 6 mm threads in the left and right rear fender nuts with a 1/4" drill bit. (See picture #2)
6. Re-install the left and right rear fender mounting nuts that now have the threads removed.
7. Loosely install the left and right side arm supports using two (2) supplied M6 X 30mm long hex head bolts, install these bolts into the rear fender washers, through the two (2) supplied 5mm thick spacers and into the treaded rack side arm support. These rear fender mounting bolts are now accessed from under the fender. (See picture #1)
8. Re-install the rear exhaust bolt, placing one (1) supplied 4mm spacer between the exhaust pipe mount and subframe. Tighten this bolt now. (See picture #3)
9. Using the provided template as a guide, trim the inside of the left side panel as shown in picture #4. This needs to be trimmed to provide proper clearance for the rack side arm support. Use a sharp utility razor knife and trim small amounts at a time to ensure the best results.
10. Re-install the plastic side panels, you must slip the rear edge of the panels under the upper portion of the rack side arm supports, then tuck them into place. Install and tighten the lower front side panel bolts.
11. Make sure the the stock side panel washers are in place at the seat mounting locations.
12. Install the two (2) supplied 12 mm long spacers between the rack side arm supports and the seat mounting bolt locations, then loosely install the two (2)-M8 X 35 mm long socket head cap screws.
13. Install the rack top to the rack side support using four (4)-M6 X 16 mm flat head bolts. Tighten all four bolts.
14. Tighten the seat mounting bolts, then the under fender bolts.
15. Tighten all bolts on the rack assembly. Periodically check bolts for tightness.
16. CRF 250 R models, When removing the seat to clean the air filter, loosen the two under fender bolts before removing the seat bolts. This will allow the seat bolts come out easier.

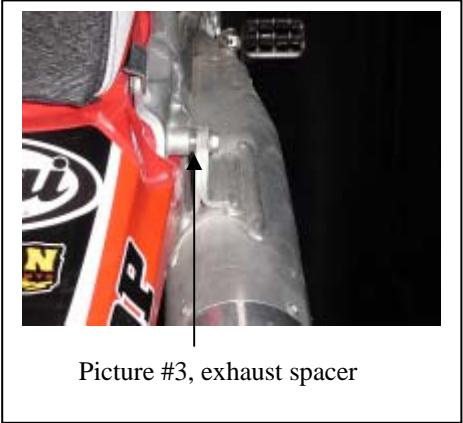
**Caution:** As with all racks on dirt bikes, they should not have excess amounts of weight put on them. Excess weight can damage the rear subframe of the motorcycle.



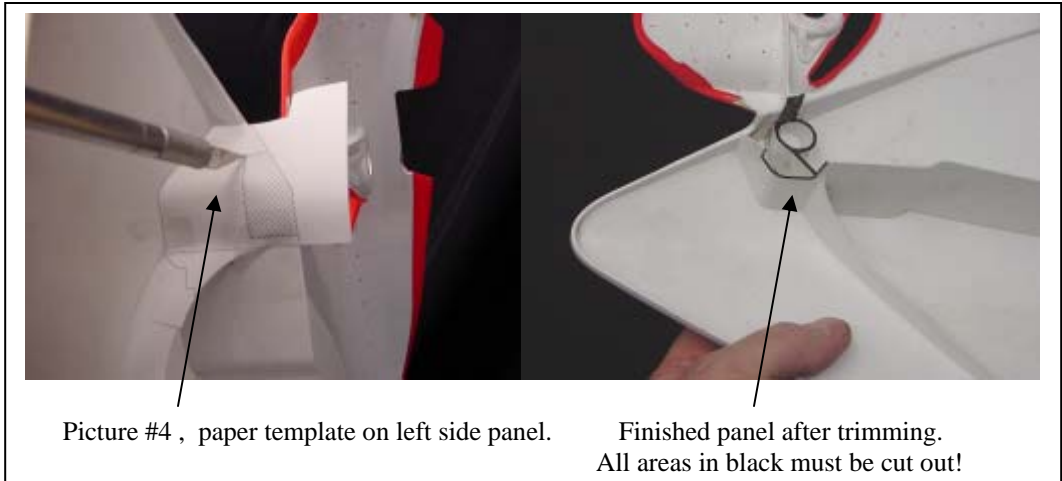
Picture #1, rear fender nut and bolt



Picture #2, drill rear fender nuts

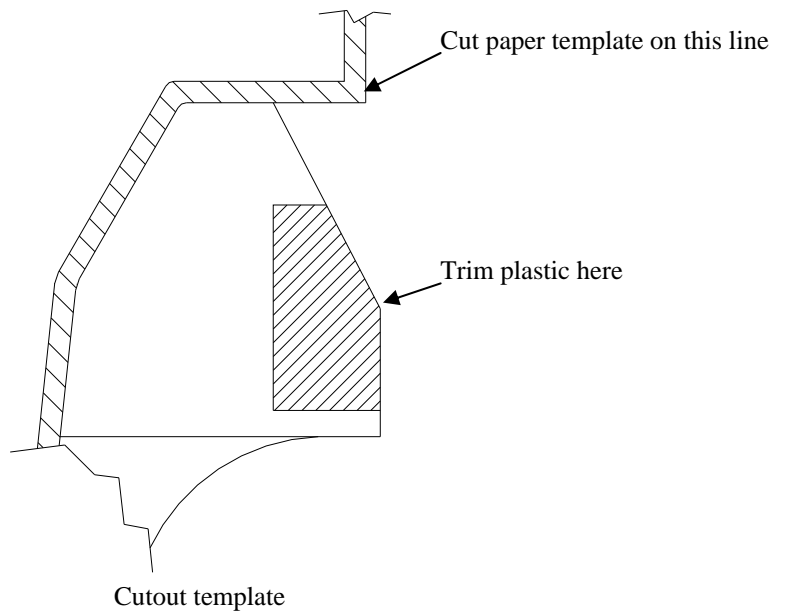


Picture #3, exhaust spacer



Picture #4 , paper template on left side panel.

Finished panel after trimming.  
All areas in black must be cut out!



**Parts List:**

- 1-top
- 2-arms
- 1- 4mm flat exhaust spacer, 8mm hole
- 2-spacers 12 mm long, 8mm hole
- 2-spacers 5 mm long, 6mm hole
- 2-M6 X 30mm hex head bolts
- 2-M8 X 35mm SHCS
- 4-M6 X 16mm long FHCS