

# Why pack it when you can . . .

## **RACKIT**<sup>TM</sup> BILLET ALUMINUM CARGO RACKS<sup>tm</sup>



**Manufactured by:**  
Pro Moto Billet  
11461 Lone Star Rd.  
Nampa, ID 83651  
1-208-466-4762

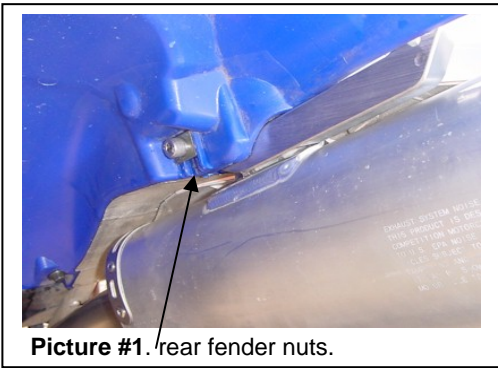
Thank you for purchasing the best looking rack in the motorcycle industry. Your new rack is constructed of 6061 billet aluminum and then anodized to give you a high quality and good-looking rack for years of backpack free riding enjoyment.

### Instructions for 2003-2007 Yamaha YZ/WR250F/450F

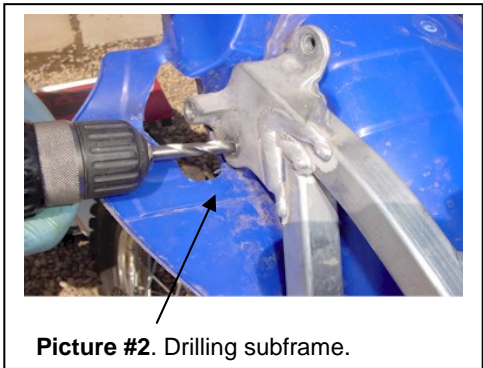
**NOTE:** We recommend using a removable thread locking agent on all bolts.

1. Remove the 2 seat bolts. Remove the left and right side panels.
2. Remove the rear fender mounting bolts and the fender nuts (under fender, **see picture #1**).
3. Drill a 21/64" hole in the subframe left and right rear fender mounting bolt hole locations, these are the slotted holes. Drill this hole in the center of the slot! This removes enough material to enlarge the rear fender bolt diameter to 8 mm. This can also be done with a file. (**See picture #2**)
4. Drill out the threads in the left and right rear fender nuts with the 21/64" drill bit. (**See picture #3**)
5. Cut out and tape the provided paper template on the left, underside of the fender (**See picture #4**). Using the cutout lines as a guide, mark and then cut out a slot in the fender for the left side arm support to pass through the fender. Use a sharp razor knife or a rotary cutting tool to cut the plastic. If a razor knife is used, it will help to heat up the blade with a cigarette lighter or a heat gun.
6. Place the left side arm support through the slot and make sure the bolt holes will line up with the bolt holes in the subframe.
7. Remove the rear exhaust mounting bolt. YZ models will need to temporarily remove the exhaust pipe to give proper clearance for the right side arm support to pass through.
8. Re-install the left and right rear fender mounting nuts that now have the threads removed.
9. Loosely install the left and right side arm supports using two (2)-M8 X 25 mm long socket head cap screws. These rear fender mounting bolts are now accessed from under the fender. (**See picture #1**)
10. Re-install the rear exhaust bolt, place the one (1)-8mm washer between the exhaust pipe mount and subframe (WR models only!). Tighten this bolt now. YZ models can re-install the exhaust pipe, there is no need for the washer on the YZ models.
11. Re-install the plastic side panels, you must slip the rear edge of the panels under the rack side arm supports, then tuck them into place. Install and tighten the front side panel bolts.
12. Install the .58" long spacers between the rack side arm supports and the seat mounting bolt locations, then loosely install the two (2)-M8 X 40 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. YZ 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 nuts.



Picture #2. Drilling subframe.



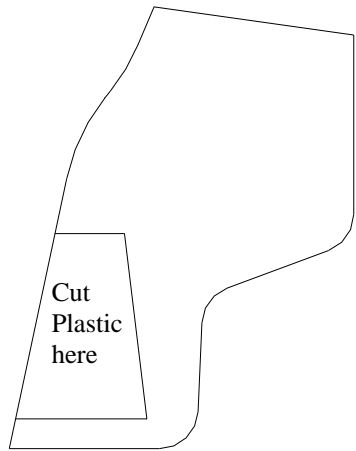
Picture #3. drill rear fender nuts



Picture #4. cutting template location

**Parts List:**

- 1-top
- 2-arms
- 1- 8mm flat washer
- 2-spacers (.58" long, 5/8" dia., 21/64" hole)
- 2-M8 X 40mm SHCS
- 2-M8 X 25mm SHCS
- 4-M6 X 16mm long FHCS



Fender cutting template