

WHY PACK IT, WHEN YOU CAN

RACKIT™

BILLET ALUMINUM CARGO RACKS



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Thank you for purchasing the best cargo 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 2004-2007 KTM 125-525 EXC, MXC, XC-F, SX (some 2003 models with one piece side panel/rear fender)

(If you are installing this rack onto a 2-stroke SX model, you will need an additional mounting tab, which will need welded to the subframe in order to complete the installation. Please call for this additional mounting tab.)

NOTE: We recommend using a removable thread-locking agent on all bolts. When the instructions tell you to install a bolt, remember to use a thread-locking agent.

1. Remove the seat.
2. Remove the black rear fender extension if applicable. (EXC models)
3. Remove the side panel/rear fender bolts and remove side panel/rear fender.
4. Tape the left hand airbox cutout template (Figure #1) on the airbox. Mark and carefully trim out the plastic in the cross hatched area with a sharp razor knife (figure #2). Trim small amounts at a time to ensure the best fit. It is sometimes useful to apply some heat to the plastic and knife with a hot air gun to make cutting easier.
5. Check the slot in the plastic for proper size by placing the Left Hand subframe bracket down into the slot and onto the lower subframe tube. Position the subframe bracket into the correct position by installing the Left Hand upper subframe clamp and inserting (1) one M6 X 20mm socket head bolt into the center hole and snug it up, but do not use any thread-locking agent.(Figure #3). If the slot is not large enough to allow proper placement, trim more plastic until proper fit is achieved.
6. Install the Left Hand lower bracket clamp onto the back of the lower subframe tube. Installation is easiest by placing the lower clamp below the bracket and sliding it up into place. Make sure that you orient the clamp so that the subframe tube passes through it on the correct angle(Figure #4), the deep end of the groove must be toward the top. **Install and tighten** (4) four M6 X 25mm socket head bolts.
7. Remove the upper subframe clamp at this time. **You will not be able to install or remove the side panel/rear fender with this clamp installed!**
8. Remove the two 6mm exhaust-mounting bolts, clip nuts and any springs. Remove the exhaust pipe. Disassemble and drill out the holes in the aluminum exhaust mount washers to 21/64" diameter. There are four separate aluminum washers that make up the two exhaust mounts (Figure #5). After drilling to make a clearance hole for the new 8mm bolts, re-assemble the exhaust mount washers onto the exhaust pipe.
9. Drill out the exhaust pipe mounting holes that are located on the subframe to 21/64" diameter. Drill these holes in the center of the factory slot (Figure #5).
10. Tape the Right Hand airbox cutout template (Figure #7) on the airbox to make clearance for the right hand subframe bracket front clamp. Mark and carefully trim out the plastic in the crosshatched area with a sharp razor knife (Figure #8). Trim small amounts at a time to ensure the best fit. Test fit the front clamp to ensure proper fit.
11. Re-install the plastic side panel/rear fender and seat using the factory fasteners. There will be a small piece of plastic in the upper left hand side that will need trimmed to match up with the slot cut in step #5.
12. EXC models and others with the black plastic fender extension with tail light: You must cut the plastic off just in front of the forward most bolt holes (Figure #9). The right edge of the plastic on the right hand side must also be trimmed back to provide clearance for the RH extension bracket to sit into the right hand subframe bracket . A cut template is provided and must be cut 5/16" deep (Figure #10)

13. **Install and tighten** the four factory bolts used to hold the rear fender extension in place. Make sure that the tail light wire runs between the two exhaust mounting tabs.
14. **Install** the Right Hand subframe bracket **front clamp** onto the subframe of the bike and then **install and tighten** the clamp to the Right Hand subframe bracket using (2) two M6 X 14mm long socket head bolts (Figure #11).
15. Installing the Right Hand subframe bracket and exhaust pipe on the bike(Figure #6):
 Place the exhaust pipe on to the mid-pipe. Use (1) one M8 X 45mm socket head bolt, push it into the lower exhaust pipe mount, now place the .415" thick spacer onto the bolt on the back side of the mount. Now thread the bolt a small distance into the RH subframe bracket.
 Use one M8 X 40mm socket head bolt, push it into the upper exhaust mount, now place the .23" thick spacer onto the bolt on the backside of the mount. Now thread the bolt a small distance into the RH subframe bracket.
Tighten both exhaust mounting bolts to the proper torque.
 Re-Install the exhaust pipe tensioning spring.
16. **Install and tighten** the right hand extension bracket and the right hand rack side support arm using (2) two M8 X 35mm long socket head bolts (Figure #12).
17. **Install and tighten** the left-hand upper subframe clamp using the M6 X 20mm long socket head bolt in the center hole. **Install and tighten** the (2) two M8 X 35mm long socket head bolts, insert them into the LH upper subframe clamp and into the left-hand rack side support arm (figure #13).
18. **Install and tighten** the rack top to the rack side support arms using four M6 X 16mm long flat head bolts.
19. Make sure that all bolts are tightened! Check them periodically, as they can loosen due to vibration.
20. This rack is easily removable. All that is required to remove the rack when it is not needed is to remove the four 8 mm bolts and the four 6 mm bolts holding the rack top to the side support arms. There is no need to remove the subframe brackets. Make sure that you store all of the bolts and rack pieces together in a safe place.

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 sub-frame of the motorcycle. Weight capacity will vary depending on the ride conditions. The subframe of your bike can handle more weight when fire road riding verses riding through the whoops at high speed. Please consider this when carrying items on your rack.

We recommend using a removable thread-locking agent on all bolts.



Right Hand assembly view



Left Hand assembly view

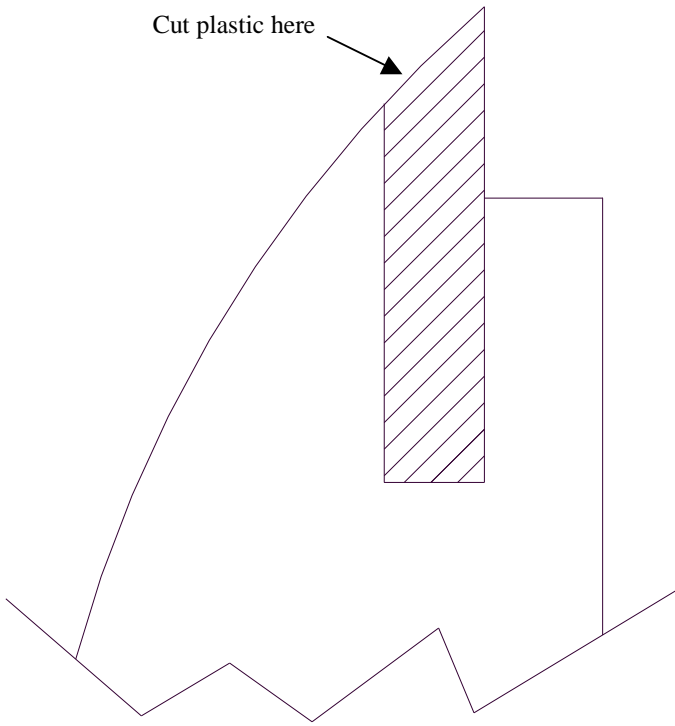


Figure #1: LH airbox cutout template

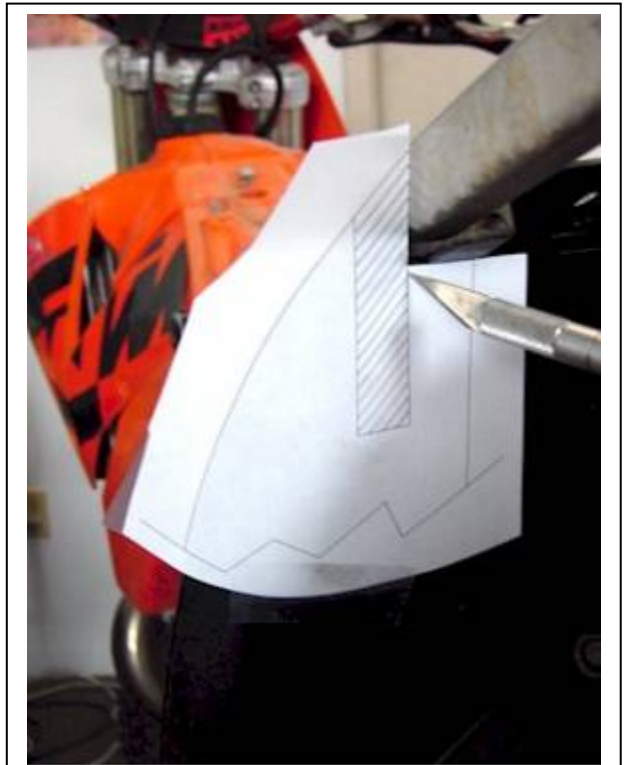


Figure #2: LH airbox template taped to plastic

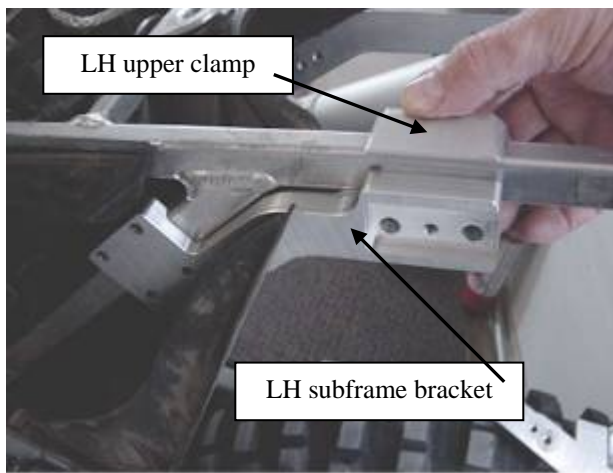


Figure #3: LH subframe bracket and Upper



Figure #4: Install of LH lower clamp

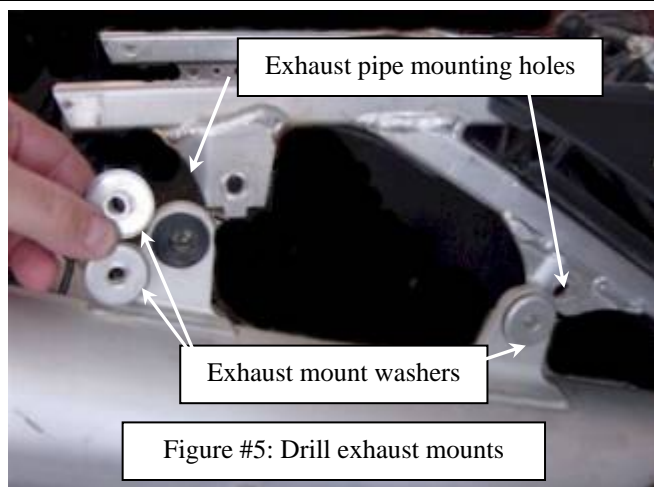


Figure #5: Drill exhaust mounts

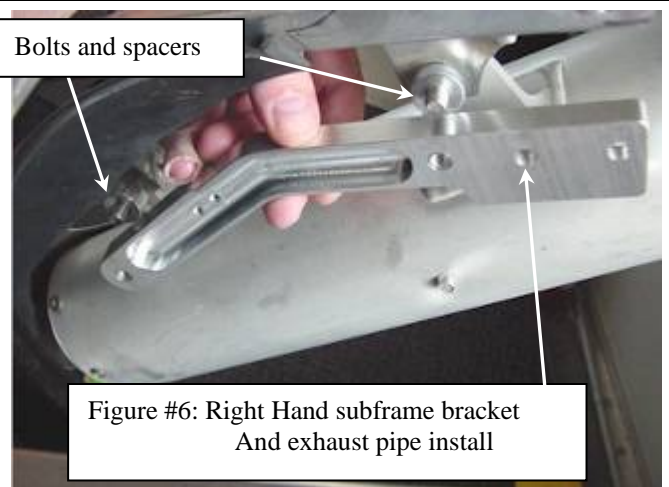


Figure #6: Right Hand subframe bracket
And exhaust pipe install

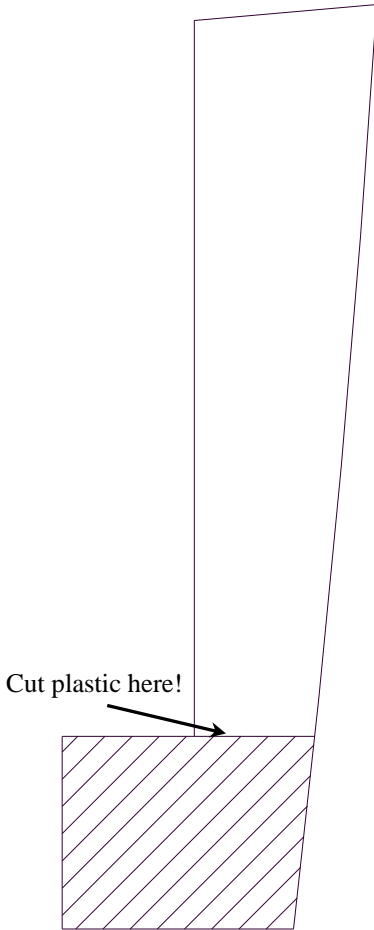


Figure #7: Right Hand airbox cutout template



Figure #8: RH airbox trim template taped to plastic



Figure #9: Fender extension

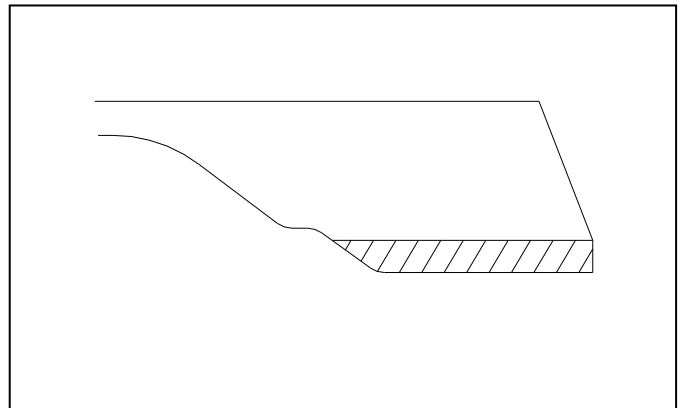


Figure #10: RH fender extension cut template. Cut 5/16" deep



Figure #11: RH subframe bracket clamp

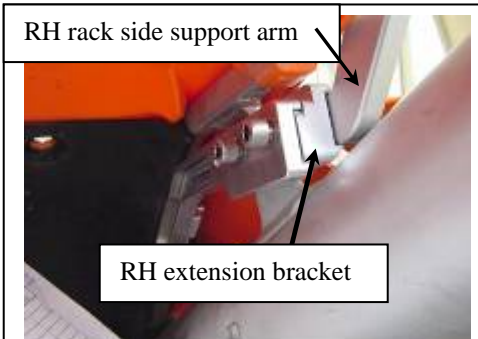


Figure #12: RH extension and side arm install

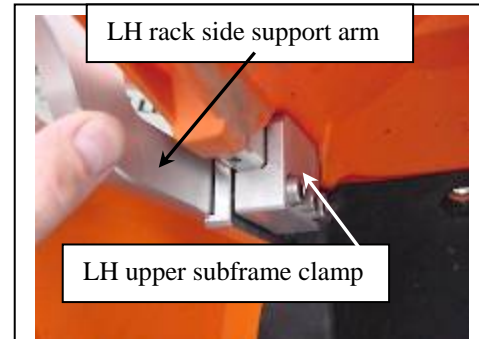


Figure #13: LH upper clamp and side arm install

Bolt & Spacer List:

- 1- M6 X 20 MM SHCS
- 4- M6 X 16 MM FHCS
- 4- M8 X 35 MM SHCS

- 4- M6 X 25 MM SHCS
- 1- M8 X 40 MM SHCS
- 1- .415" SPACER

- 2- M6 X 14MM SHCS
- 1- M8 X 45MM SHCS
- 1- .23" SPACER