

KTM 950/990 Adventure Retrofit instructions for “Shok Blok”



<p>Contents: “Shok Blok” M8 x 30mm bolt Washer locknut Shim for “Shok Blok” (<i>may not be required</i>)</p>	<p>Estimated Installation Time: 30 minutes</p> <p>Tools Required:</p> <ul style="list-style-type: none">• 10mm hex• 5mm allen• 13mm hex socket• Blue lock tite• Razor blade knife (<i>may not be required</i>)• 90 degree countersink drill bit• 3/8” (or 10mm) drill bit• Drill• Tape
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1. Remove Black Dog Skid Plate from bike.
2. Mark the skid plate as indicated by measurements A & B in [PHOTO 2](#).
3. Once the location is marked, secure the “Shok Blok” firmly in place using tape with the hole in the “Shok Blok” centered over the mark to TEST FIT BEFORE DRILLING THE HOLE. Minor adjustments may need to be made to the location of the hole based on the various versions of the skid plate and the hand built nature of the bikes.
4. Install the two rear mounting bolts but DO NOT TIGHTEN.
5. Lift the front portion of the skid plate by hand and push the skid plate towards the back of the bike (so the front skid plate mounting holes are located correctly against the front mounting holes on the bike and verify that the bumper is touching the engine case below the unused “through bolt hole”. This is best viewed from the right side of the bike. ([See PHOTO 3](#)).
6. Adjust the location of the hole to be drilled for the “Shok Blok” if necessary. Remove the skid plate from the bike.
7. Using a 3/8” drill bit, drill a hole through the top of the skid plate once you have confirmed the location of the hole.
8. Using a 90 degree countersink bit, countersink the hole from the BOTTOM of the skid plate in order to allow the bolt to be installed flush with the bottom of the skid plate ([see PHOTO 4](#))
9. Once the hole is drilled and countersunk, install the “Shok Blok” using the supplied M8 X 30 bolt, washer and loc-nut. The washer should go under the loc-nut on the top side of the “Shok Blok”. ([See PHOTO 5](#))
10. Reinstall the two rear mounting bolts but DO NOT TIGHTEN
11. Lift the skid plate all the way to the front mounting holes to determine if the supplied shim is necessary. There should be a little resistance when lifting the front of the skid plate to install the front bolts. This will allow the rubber to compress slightly. You should NOT need a tremendous

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amount of pressure to raise the skid plate to install the front bolts, as this may cause undo stress on the front mounting bolts and threads over time. You can trim the top of the “Shok Blok” to obtain the proper clearance if necessary.

12. Once it has been determined if you need the supplied shim or not, install the stock mounting bolts. It may be necessary to push the skid plate towards the back of the bike in order to line up the front mounting holes properly. If the location of the “Shok Blok” is off slightly, you can also trim the “Shok Blok” with a razor blade if necessary.
13. Tighten the front mounting bolts to 25 Nm per manufacture spec, then tighten the rear bolts to the same torque spec.
14. *Due to the hand-built nature of the skid plates and the KTM motorcycles, it may be necessary to install washers on the mounting bolts to ensure a snug fit for the skid plate. There should be some movement due to the rubber grommets in the skid plate but the skid plate should not move freely. Install provided 7/16” washers as necessary to ensure skid plate is securely mounted.*
15. Recheck torque of bolts after 25 miles and periodically after that.

IMPORTANT: *Periodically inspect the rubber grommets used to mount the skid plate. These may need to be replaced periodically based on how rugged the bike is used. Contact us if you need more grommets or washers.*

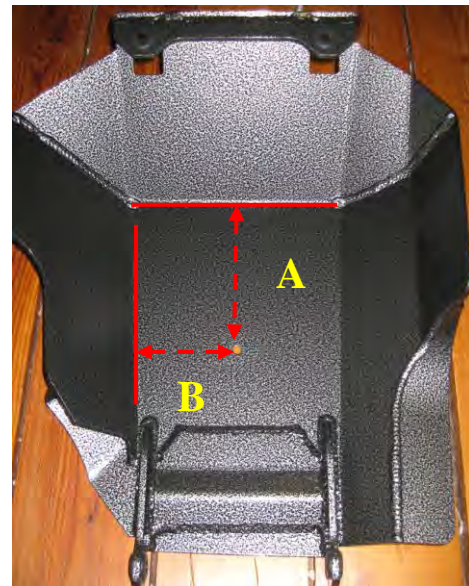
PHOTO 1



Rear Mounting Bolts

Front Mounting Bolts

PHOTO 2



Hole location: measurement A - 6.75” from front bend;
measurement B - 4” from left bend

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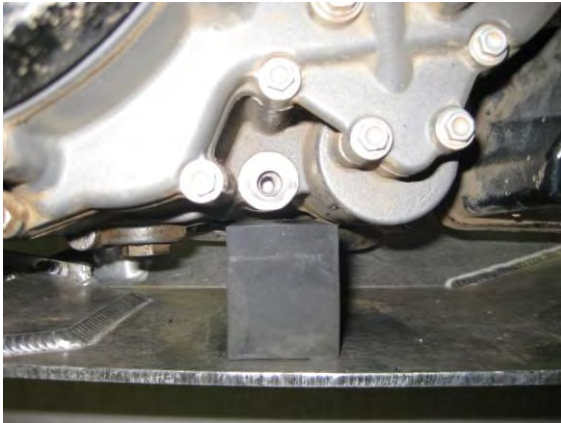
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PHOTO 3



Correct location of "Shok Blok"

PHOTO 4



Countersunk hole in bottom of skid plate

PHOTO 5



Correctly installed "Shok Blok" bumper