



**OUTBACK
MOTORTEK**

Installation Instructions >> Short Skid Plate >> Suzuki Vstrom 650

Thank you for trusting Outback Motortek with your purchase of our product. Hope you will find pride in installing and showing off the item you are just about to open. Outback Motortek products are designed and tested in Ontario, Canada and engineered and manufactured in the European Union, Hungary.

“Till the wheels fall off”

Lorry Gombos
Founder and owner
Outback Motortek

See attached pages for product kit, recommended tools and recommended torque specs.



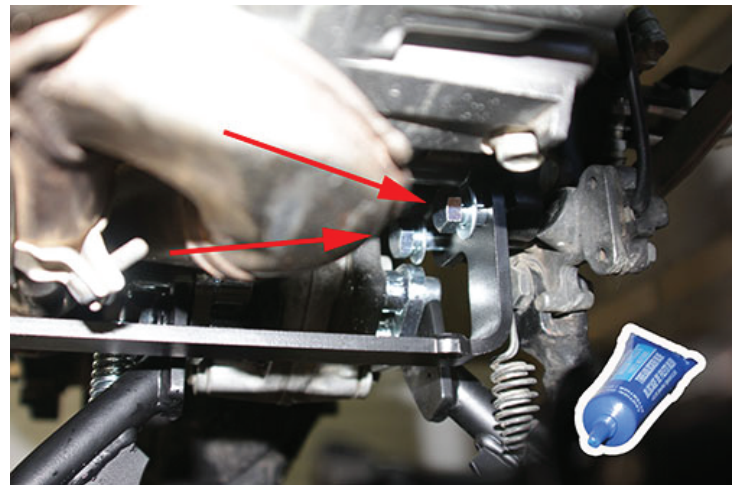
1.

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3. Mount the U-bracket (rear). Thread the original 8x45mm bolt in the right side (exhaust pipe) of the bracket. Use thread locker!



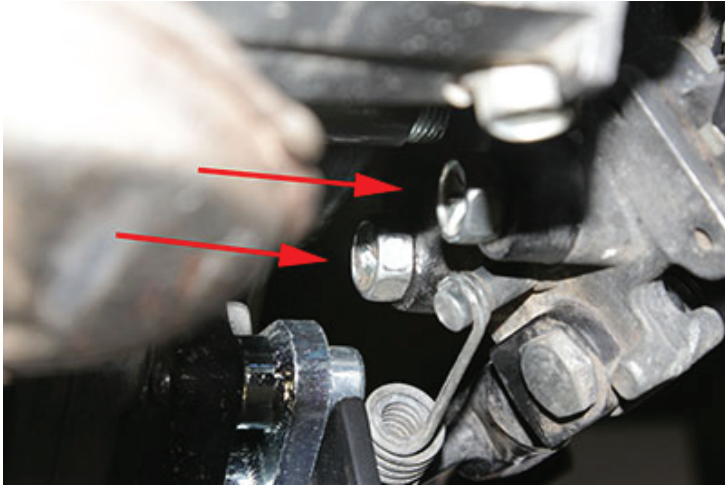
4. Insert the M12x38 (x2) bolts but do not tighten it yet. Use thread locker!



3.

CLUTBACK MOTORCYCLE

1. Remove both of the M12 fasteners that hold the kickstand using a 17mm socket. You may need a helper to hold the bike if your bike is not equipped with a center stand.



2. Using a 12 mm socket remove the M8 exhaust hanger bolt on the right side of the bike (rider's right).



2.

CLUTBACK MOTORCYCLE

5. Attach front mount inside the skid plate by threading in the M8x20mm flat head Allen bolts. Use a 5mm Allen key to insert the bolts from the bottom side of the skid plate. Keep them slightly loose.



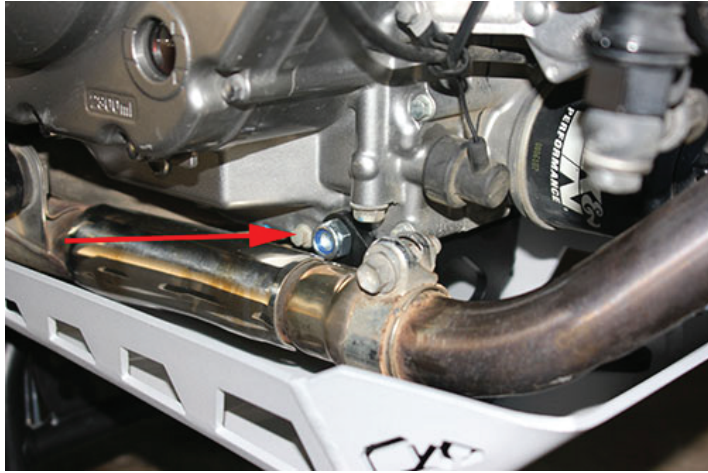
6. Insert the M10x120mm Allen bolt on the left hand side (rider's side) through the engine mount hole. Thread in the nyloc nut from the right hand side by hand.



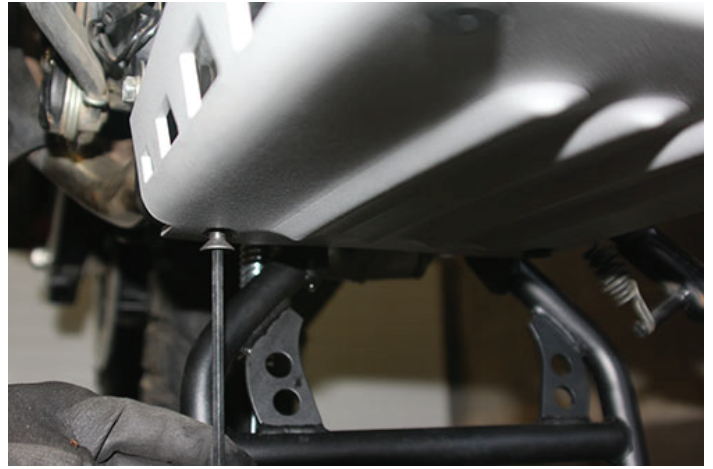
4.

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7. Using a 17mm wrench (right side, nyloc nut) and an M8 Allen socket (left side) tighten the bolt but not completely, yet.



8. Using one hand align the mounting holes on the skid plate and the rear mounting bracket. Insert the M8x20mm (x2) flat head bolts into the holes and tighten both of them to the required torque. Apply thread locker.



9. Make sure all the bolts are now tightened and double check after a test ride.

5.

PRODUCT KIT AND RECOMMENDED TOOLS

- 1) TORQUE WRENCH
 - 2) 17MM WRENCH
 - 3) 3/8" RATCHET
 - 4) M8 ALLEN SOCKET
 - 5) 17MM SOCKET
 - 6) 5MM ALLEN KEY
-
- 7) FRONT MOUNT
 - 8) REAR MOUNT
 - 9) M10X120MM ALLEN BOLT
+ NYLOC NUT+WASHER
 - 10) 4X M8X20MM ALLEN BOLTS
 - 11) 2X M12X38MM HEX BOLTS+WASHERS
 - 12) THREADLOCKER



Congratulations! You've completed installing your Outback Motortek product.



Should you have any question regarding the installation, please contact us at info@outbackmotortek.com.

Or call toll free at 1 877 931 3636

Important note! Outback Motortek recommends its customer to install their products by a certified, experienced motorcycle mechanic. Outback Motortek assumes no liability for any accident, injury, death, loss, or other claim related to or resulting from the use of its products. In no event shall Outback Motortek be liable for incidental or consequential damages relating to or resulting from the use of its product or any of its parts.

Table a. General bolt tightening torques in Nm (max. permissible)

Bolt diameter	Bolt Class (according to DIN 267)					
	5.6	5.8	6.8	8.8	10.9	12.9
M5	2.5	3.5	4.5	6	8	10
M6	4.5	6	7.5 <small>5.5 ft lb</small>	10 <small>7.4 ft lb</small>	14 <small>10.3 ft lb</small>	17
M8	11	15 <small>11.1 ft lb</small>	18 <small>13.3 ft lb</small>	24 <small>17.7 ft lb</small>	34 <small>25.1 ft lb</small>	40
M10	23	30 <small>22.1 ft lb</small>	36 <small>26.6 ft lb</small>	47 <small>34.6 ft lb</small>	66 <small>48.7 ft lb</small>	79
M12	39	52 <small>38.4 ft lb</small>	62 <small>45.7 ft lb</small>	82 <small>60.5 ft lb</small>	115	140
M14	62	82	98	130	180	220
M16	94	126	150	200	280	340
M18	130	174	210	280	390	470