

## BA-7113-00 ENGINE GUARD - Yamaha V-Star 1300

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Revision: 2.9 - 07/27/2010 Install Time: 15 Minutes We recommend you read all instructions fully before starting. Use Loctite® on all threaded hardware. Cover your front fender to protect it from damage prior to installing Engine Guard.

## **INCLUDED IN THE KIT:**

(2) M8-1.25 x 20mm Socket Head Cap Bolt	(2) 5/16-18 Nylock Nut
(2) 5/16-18 x 2.5" Hex Bolt Chrome	(2) 5/16" ID x 3/4" OD x 3/16" Length Metal Spacer
(4) 5/16" Flat Washer Chrome	(1) Engine Guard

## **TOOLS REQUIRED:**

Assorted Metric & SAE Wrenches	

## **INSTRUCTIONS:**

NOTE: For an easier install we recommend two people perform this installation.

- 1. Remove the 14mm floorboard mounting bolts from the left and right rider floorboards and let them hang.
- 2. On the right side lower frame rail remove the two M5 allen bolts from the rear master cylinder mount.
- 3. Place the metal spacers between the frame rail and the rear master cylinder mount, then using the new  $M8-1.25 \times 20$  Socket head cap bolts attach them back to the frame and snug up the new bolts, but do not tighten.
- 4. Insert the Engine Guard and align the mount holes of the lower brackets against the frame with the floorboard mounting holes. Lift and align the floorboard mounts with the brackets and frame. Insert the stock mounting bolts and thread them in and snug up the new bolts, but do not tighten at this time.
- 5. Push the Engine Guard's upper tube tight against the frame and insert a new chrome washer on each of the 5/16-18 x 2.50" chrome hex bolts, insert the bolts through the reinforced mount tubes into the holes in the frame. Place another chrome washer on the bolt and thread the 5/16-18 nylock nut and snug.
- 6. Align the Engine Guard to center it on the down tubes and then tighten the upper bolts/nuts fully.
- 7. Tighten the 14mm mounting bolts on the left and right floorboard mount fully.

RECOMMEND: Re-tighten all hardware after riding 100 miles.

Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. Barons bears no responsibility on installation costs associated with this product.

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