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Dual Sport & Adventure Touring Specialists

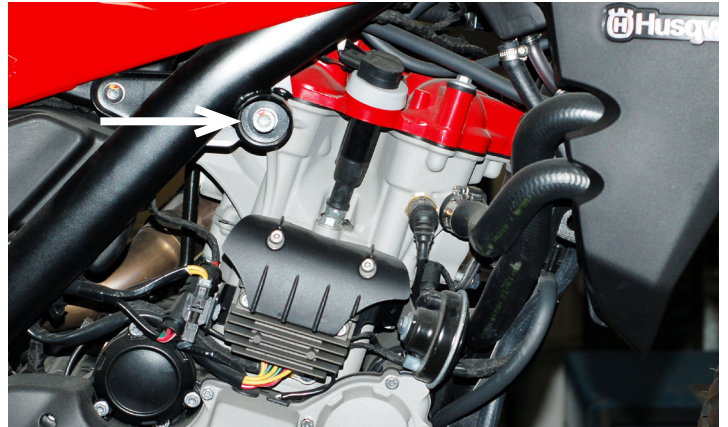
Thank you for purchasing Happy Trails products. Our products are proudly hand made in Boise Idaho, USA. If you have any questions or concerns about the installation of this product, please contact us directly at 1-800-444-8770 or e-mail installation@happy-trail.com.

Before you begin, place the bike on a hard level surface where you have room to work. Lay out the parts included in this kit and compare to the parts list on the final of these instructions. If any parts or hardware are missing, contact us immediately at the number or email listed above.

Step 1

Using a T-50 Torx driver, remove the two upper engine mount bolts. Take care that the spacer on the right side between the frame and the engine doesn't fall out. See Fig 1.

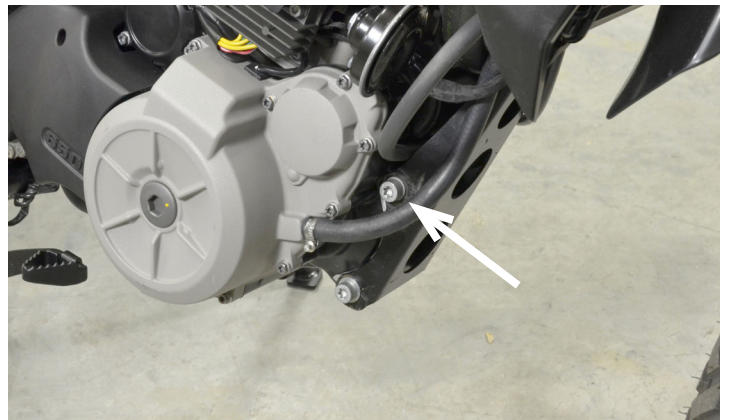
Fig 1



Step 2

Remove the upper of the 2 front engine mount bolts. See Fig 2.

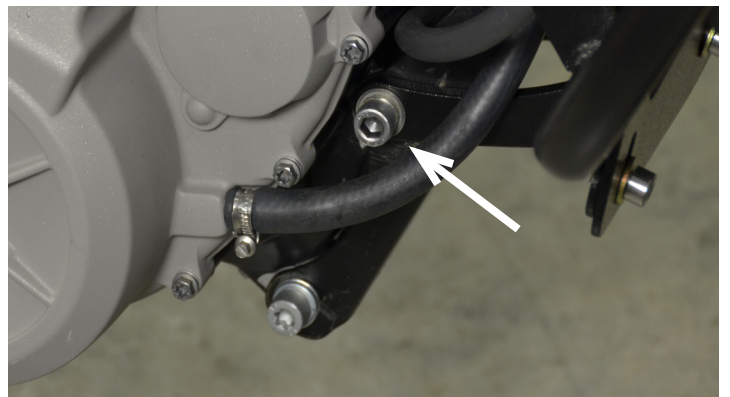
Fig 2



Step 3

Install the front mounting bracket, MT-1, with the support arms curving upward. Use the M10x120 SHCS, 2 flat washers and an M10N locknut. Leave slightly loose for now. See Fig 3.

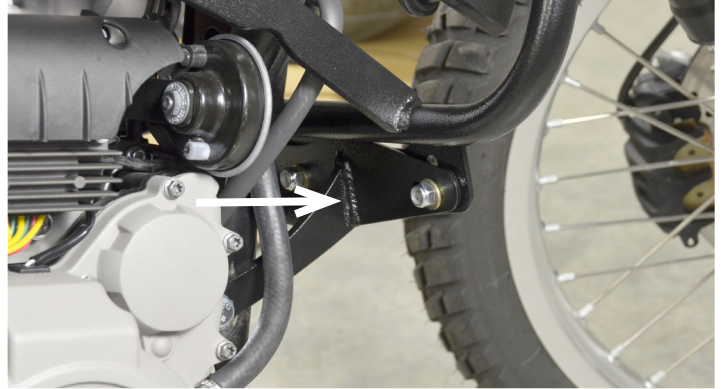
Fig 3



Step 4

Hold the PD Nerf in position and attach it to the MT-1 mount plate using 3 M8x20 SHCS, 6 flat washers, and 3 M8N nuts. Hand tighten only. See Fig 4

Fig 4



Step 5

At the upper mounts, place a 3/4 x 1/2 x 1 1/4 aluminum spacer between the Nerf and the frame on both sides. On the left side, attach with an M10x65 SHCS, lock washer and flat washer. On the right side, use an M10x75 SHCS, lock washer and flat washer, and make sure the OEM spacer is between the engine and frame.

Fig 5

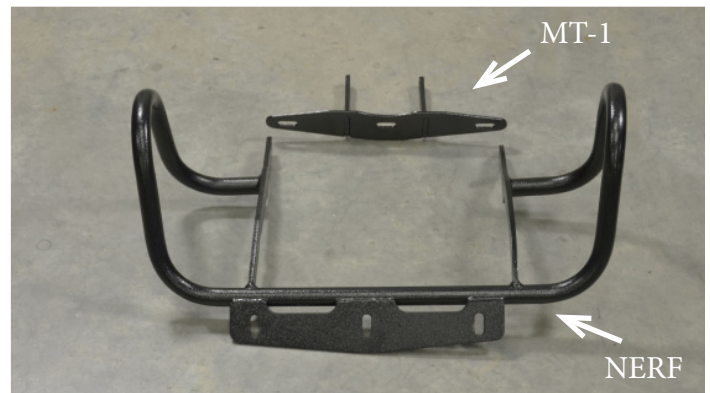


Tighten both bolts to 28 ft/lbs. See Fig 4

Tighten the (3) M8x20 bolts to 18 ft/lbs.
Tighten the M10x120 bolt to 28 ft/lbs.

Recommended Tools:

- 3/8 drive ratchet wrench
- 3/8 drive 16mm socket
- 3/8 drive 6mm Allen driver
- 3/8 drive T-50 Torx driver



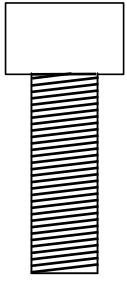
Hardware List:

- (1) NERF bar
- (1) Mount Plate (MT-1)



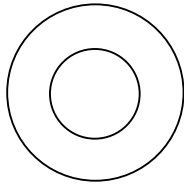
HUSQVARNA TERRA 650

PD NERF BAR



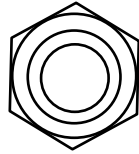
X2

M820S



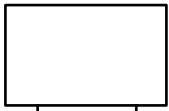
X6

8mm FW

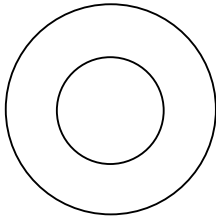


X3

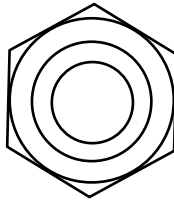
M8N



X2

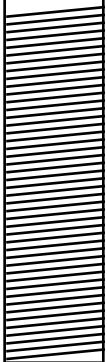


10mm FW

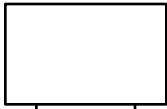


X1

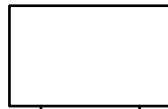
M10N



X1



X1

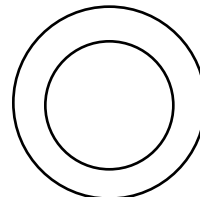


X1

M10120H12.9

M1075H12.9

M1065H12.9



OD3/4, ID .500, L 1 1/4 spacer



X2