



**HAPPY-TRAIL.COM**  
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](mailto: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 page of these instructions. If any parts or hardware are missing, contact us immediately at the number or email listed above.

### Step 1

Instructions assume you already have HT SU rack installed and purchased an Arrow Exhaust Kit after. If SU rack is a new install, please reference SU rack instructions and note these differences.

Remove original rear bumper and set aside. This rear bumper is 1/2" too narrow so it will not be reused, but mounting hardware will.

*Note picture shows Arrow Kit bumper after install is complete - Sorry for any potential confusion.*

### Step 2

Remove right hand (exhaust side) SU rack at the three locations indicated in Fig 2. Bolts will not be reused, but other hardware will.

### Step 3

Reinstall right side SU rack using 1/2" spacers at each of the three mount locations shown in Fig 2.

Note spacers go between SU rack tab and shock mount at front location or frame mounted tabs at other locations. See shock location example in Fig 3.

Secure with M8x45 bolt at shock mount and M8x35 bolts at top rear and foot peg mount points.

Fig1



Fig 2



Fig 3



**Step 4**

Install new 1/2" wider rear bumper included in the kit using original hardware.

Align bumper with SU tabs and fully tighten 6mm bumper bolts to 7 ft/lbs.

Fig 4

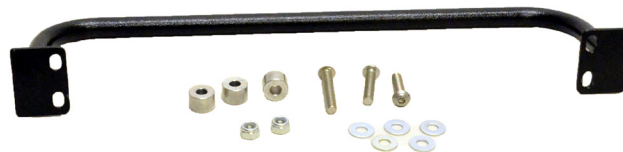
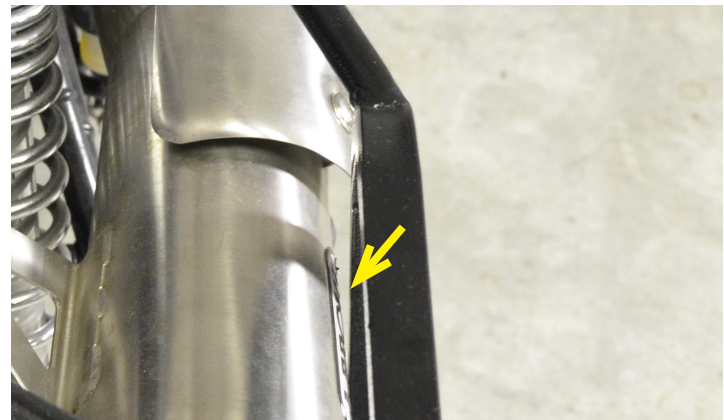


**Step 5**

Tighten remaining mount locations with 8mm bolts to 18 ft/lbs.

Note this spacer installation should give about 1/4" of space at the closest location to the Arrow exhaust. One or two additional flat washers can be installed with the 1/2" spacers to fine tune desired clearance as the new wider rear bumper will allow for some adjustability.

Fig 5



**Recommended Tools:**

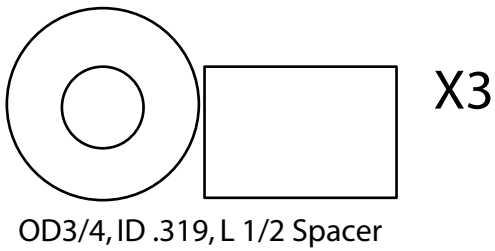
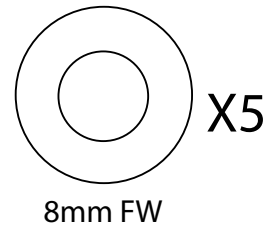
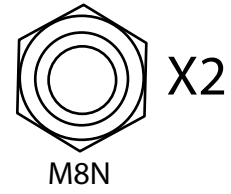
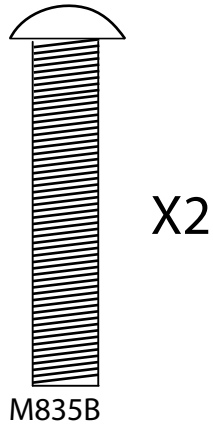
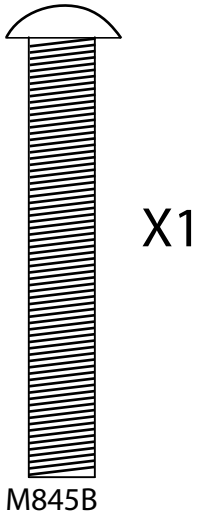
- 5mm Allen (hex) Wrench
- 13mm box end wrench
- 10mm box end wrench



**Hardware List:**

- (1) Bumper Bar (1/2" wider) (~18.25" outside-outside)

Bolt Kit  
Instructions



Torque Specs  
8mm = 18 ft/lbs