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### **SR4 4 Stroke racing system**

**2009-10 Yamaha Raptor 250**

**Part # 50-4006**

### **Exhaust kit bill of materials**

<b>1</b>	<b>Instruction sheet</b>
<b>1</b>	<b>Stainless header pipe</b>
<b>1</b>	<b>Head flange</b>
<b>1</b>	<b>Tailpipe with SR4 muffler</b>
<b>1</b>	<b>8mmx1.25 x 50mm flange bolt</b>
<b>1</b>	<b>SA3 Aluminum spacer .323 I.D X 1.250 O.D X .984 W</b>
<b>1</b>	<b>Spark arrestor</b>
<b>2</b>	<b>Motoworks stickers</b>

**Caution: LET MOTORCYCLE COOL DOWN AT LEAST 1 HOUR BEFORE  
BEGINNING INSTALLATION.**

**Note: READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.**

## Removal of the stock exhaust,

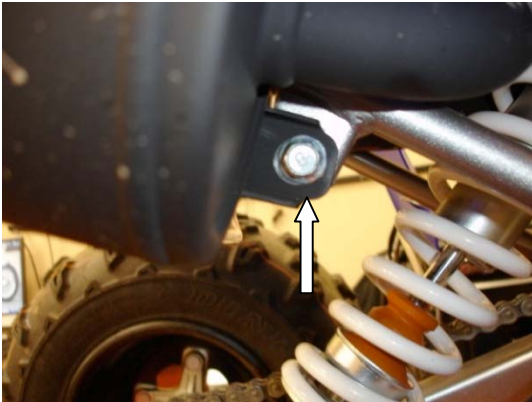
1. Remove 8mm bolt from top of stock muffler as shown. **(Fig.1)**

**Figure 1**



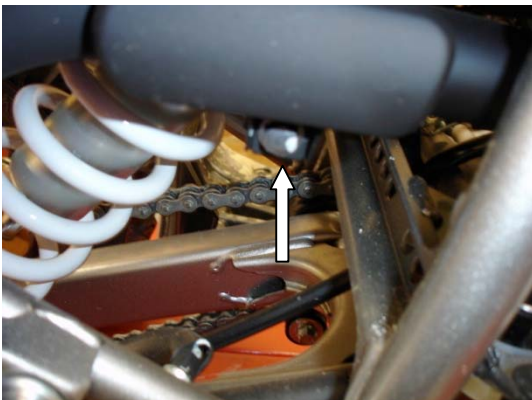
2. Remove 8mm bolt from bottom of stock muffler bracket as shown. **(Fig 2)**

**Figure 2**



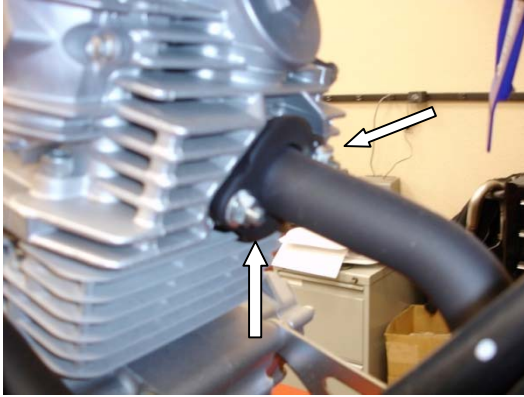
3. Loosen 8mm bolt that connects the muffler and head pipe as shown. **(Fig 3)** Once all bolts are off and loose remove stock muffler.

**Figure 3**



4. Remove stock head pipe, by removing two 8mm flange nuts as shown. (Fig 4) Once removed slide head pipe down and out to your body.

Figure 4



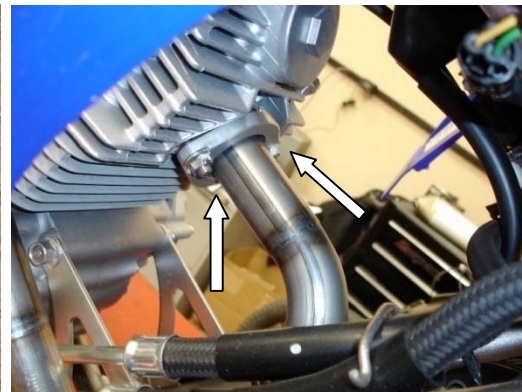
## Assembly

5. Install Motoworks head pipe with head flange, and stock nuts as shown. (Fig 5 & 6)

Figure 5



Figure 6



6. Slide Motoworks muffler on with spacer and Motoworks hardware.(Fig 7, 8 & 9)

Figure 7



Figure 8

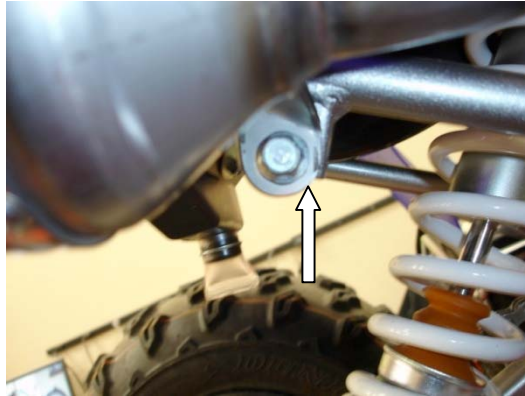


Figure 9



**7.** Use stock 8mm bolt for bottom bracket on muffler, tighten finger tight. **(Fig 10)**

**Figure 10**



**8.** Tighten head pipe nuts on flange and also tighten both bolts on muffler. Make sure system is tight and completed. **(Fig.11)**

**Figure 11**

