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**SR4 4 Stroke Carbon Racing System  
Part # 51-4001  
2006-09 Yamaha Raptor 700**

**Exhaust kit bill of materials**

|          |                                  |
|----------|----------------------------------|
| <b>1</b> | <b>Instruction sheet</b>         |
| <b>1</b> | <b>Right head pipe</b>           |
| <b>1</b> | <b>Left head pipe</b>            |
| <b>1</b> | <b>Mid pipe</b>                  |
| <b>1</b> | <b>Tailpipe with SR4 muffler</b> |
| <b>3</b> | <b>Exhaust springs</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. Loosen stock tail pipe clamp. (Fig 1)**
- 2. Unbolt and remove stock muffler. (Fig 2)**
- 3. Loosen clamp on left head pipe and unbolt and remove stock head pipes.(Fig 3)**

**Installation Motoworks exhaust**

- 1. Install right and left pipes into mid section as shown and install springs see (Fig 4, 5 & 6)**
- 2. Install head pipe mid section make nuts finger tight. (Fig 7)**
- 3. Install Motoworks muffler using stock bolts and washers.**
- 4. Tighten head pipe nuts (note make sure you tighten head pipe nuts evenly to ensure there are no exhaust leaks).**
- 5. Tighten muffler bolts.**
- 6. Install springs on muffler/mid pipe.**

**Re-check all your work**

- 7. We recommend that you clean the entire exhaust system with a mild detergent, i.e. glass cleaner prior to starting as any oily residue may cause permanent staining.**

8. Before operating check for proper clearance between Motoworks exhaust and ATV i.e. frame, plastic, brake line, fuel line etc if problems exist re-check work

## Jetting Specifications

Purchase Fuel Management Interface and install.

**Note:** It is normal for the new exhaust to emit white smoke the first time you start the ATV. This is from the oil used during manufacturing.



Figure 1



Figure 2

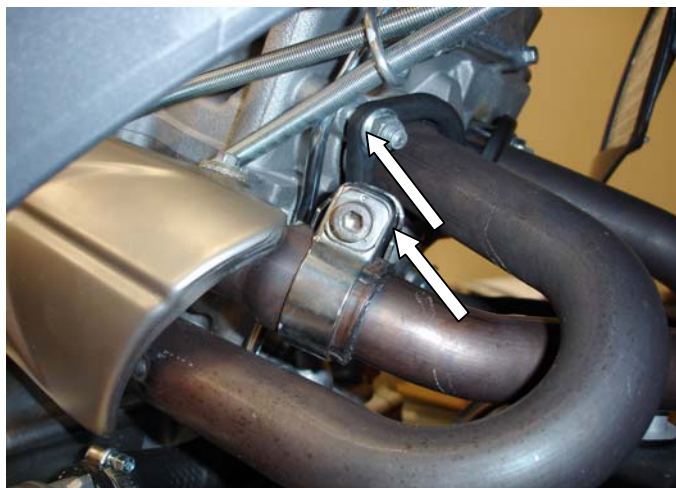


Figure 3



Figure 4 right side head pipe



Figure 5 left side head pipe



Figure 6 mid pipe with right and left assembly.

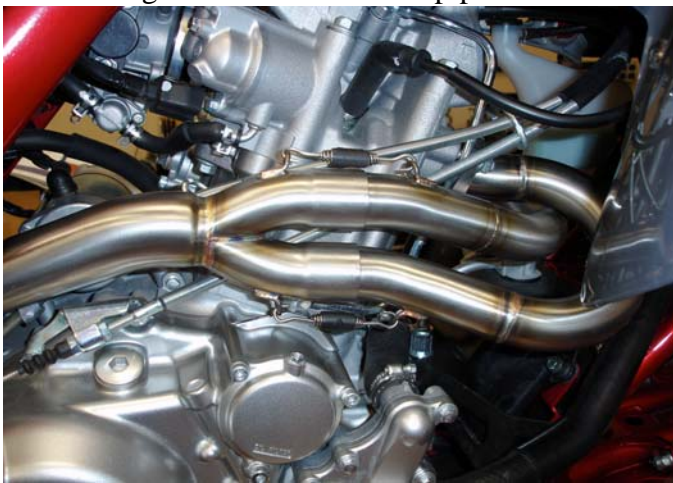


Figure 7



Complete