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**SR4 4 Stroke Racing System  
Part # 50-4001  
2006-09 Yamaha Raptor 700**

**Exhaust kit bill of materials**

1	Instruction sheet
1	Right head pipe
1	Left head pipe
1	Mid pipe
1	Tailpipe with SR4 muffler
3	Exhaust springs
1	Spark arrestor
2	Motoworks stickers

**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

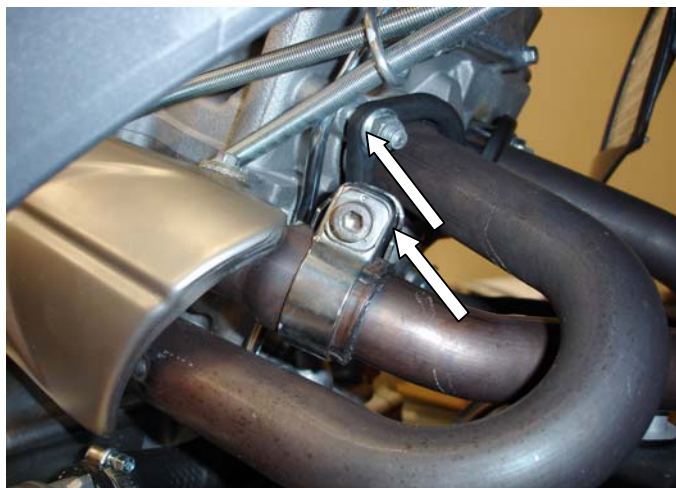


Figure 3



Figure 4 right side head pipe



Figure 5 left side head pipe



Figure 6 mid pipe with right and left assembly.

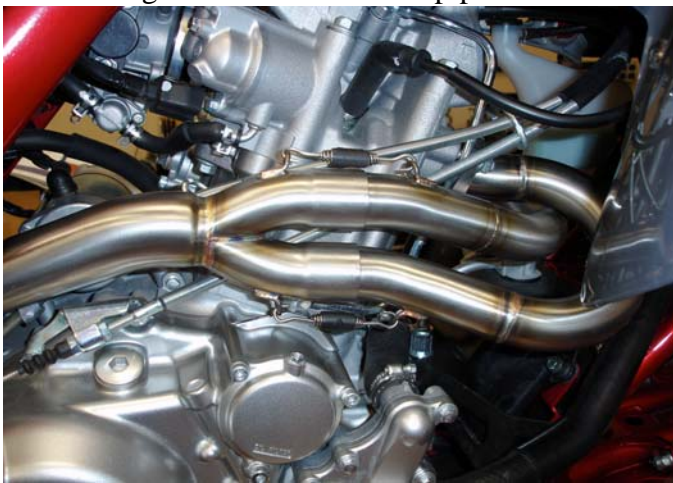


Figure 7



Complete