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SR4 4 Stroke racing system
Part # 51-2003
(03-09) Suzuki LTZ – 400

Exhaust kit bill of materials

1	Instruction sheet	
1	Stainless header pipe	50-2003A
1	Tailpipe with SR4 muffler	51-2003
1	Header pipe port flange	PF6
1	8mmx 1.25 x 25mm flange bolts	70-100-09
1	Spark arrestor	75-100-01
2	Motoworks stickers	07-1002

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 tail pipe clamp. (Fig. 1)**

Figure 1



- 2. Unbolt and remove stock muffler by removing two 8mm socket cap bolts. (Fig. 2 & 3)**

Figure 2

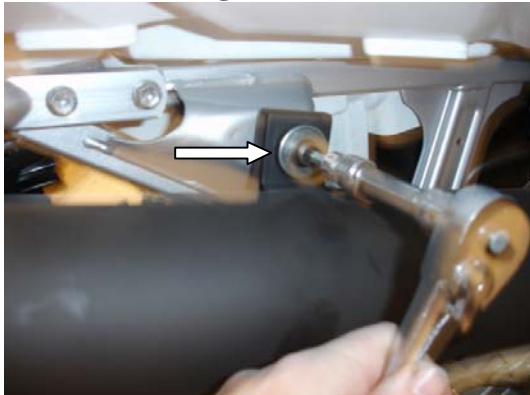


Figure 3



- 3. Remove right side plastic radiator shroud by removing two plastic push pins and 1 screw. (Fig 4 & 5)**

Figure 4

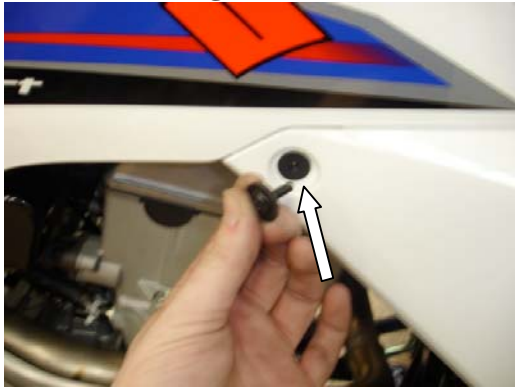
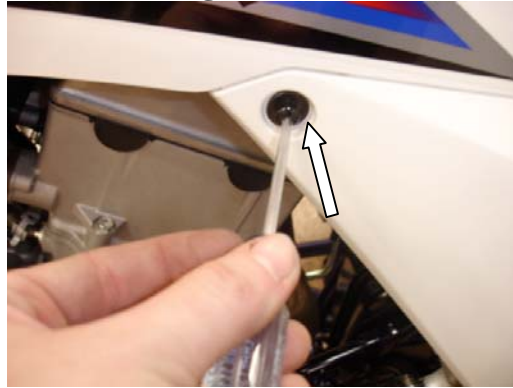


Figure 5

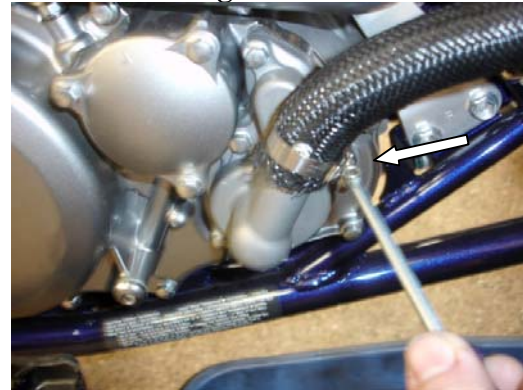


- 4. Drain radiator coolant and remove radiator hose. (Fig. 6 & 7)**

Figure 6



Figure 7



5. Remove two 8mm nuts on stock head pipe and remove head pipe. (Fig. 8 & 9)

Figure 8

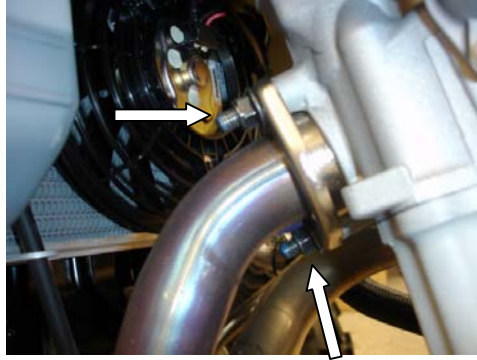


Figure 9



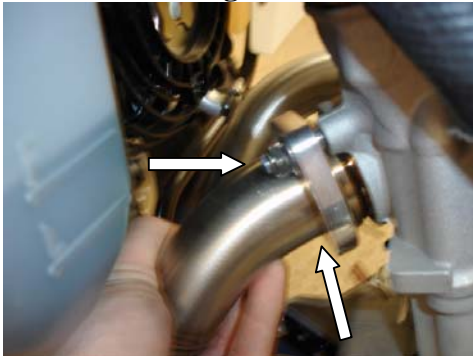
Assembly of the Motoworks exhaust,

6. Install Motoworks head pipe using stock 8mm nuts and make finger tight only at this time. (Fig. 10 & 11)

Figure 10



Figure 11



7. Install Motoworks tail pipe using provided 8mm x 1.25 x 25mm flange bolt. Adjust head pipe for correct alignment and tighten head pipe nuts and tail pipe bolts. (Fig. 12 & 13)

Figure 12



Figure 13



8. Reinstall radiator hose. (Fig. 14)

Figure 14



9. Refill radiator coolant. Check owner manual for coolant information.

**10. Reinstall right side radiator shroud using stock plastics pins and stock screw.
(Fig. 15 & 16)**

Figure 15



Figure 16



11. Re-check all your work

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.

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 Settings

For 2003-07 models, refer to www.dynojet.com for jetting chart.

For 2008 and 09 models only, purchase a Fuel Management Interface (FMI) 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.