

# Yamaha Sidewinder turbo RJWC muffler installation manual



Before you start working on your snowmobile make sure that the engine is cold and the factory exhaust/muffler to avoid injury .

We also highly recommend you to tune your vehicle to not damage your engine due to lean fuel mixture. Contact [maptunpowersports.com](mailto:viktor@maptunpowersports.com) (viktor@maptun.com) for information regarding the stage 1 (226hp) and stage 2 (250hp) reflash upgrades.

Always check rules and regulations in your country/ state/community before installing performance increasing upgrades. RJWC products is only for racing.

- **Step 1**  
Remove the right side plastic cover , if you want to make the work even easier we recommend you to remove the plastic hood as well.

- **Step 2**

Remove the aluminum heatshield that covers the factory muffler. It sits in place with 5 bolts. For the bolts that sits on the header manifold use an 8 mm socket. For the other 3 bolts use an torx tool (27). Be careful with the heatshield as we recommend that you re use it with the new rjwc muffler.

- **Step 3**

Remove the factory muffler. Start by removing the spring holding the rear bracket/tab in place. Then remove all torx screws (45) holding the flange in place, see picture below. Be careful with the factory ss gasket .

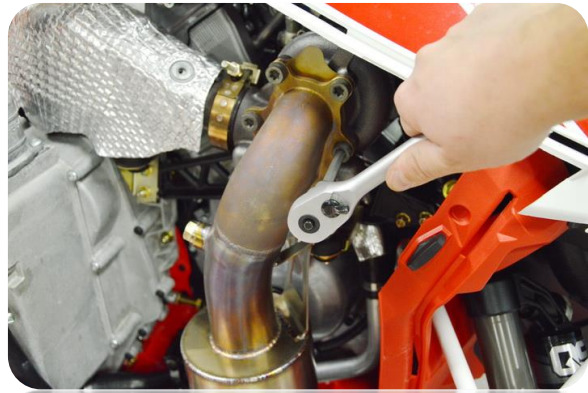
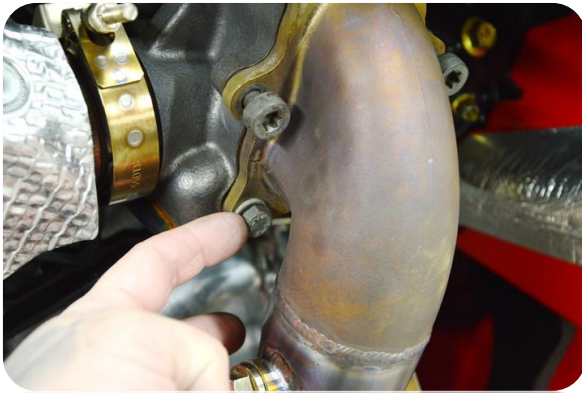


- **Step 4**

Time to install the new rjwc muffler!. Start by installing the small billet tab that is included with the hardware parts. Just slide it in the factory rubber bushing in the frame like the picture below shows. This can not be done when the muffler is installed so its important you do this before you install the new muffler.



- **Step 5** Installing the new rjwc muffler is easier then to remove or reinstall the factory muffler. Line everything up and use the factory ss gasket. Also use the factory bolts with torx head. Replace the lower left side bolt with the m8x25 hexagon bolt included with the hardware and use a 13 mm (1/2) wrench to tighten it. Make sure that you tighten all bolts equally. For example start by tighten the right upper bolt and then the lower left side bolt etc. See picture below.



- **Step 6**

We recommend that you re-install the factory heatshield to avoid damages on plastics if your plastic covers get pushed in during riding. Re-install it just like it sits with the factory muffler. Except that you install the plugs included in the hardware kit. Two M6 Allen bolts with washers on each side and nuts. This can be done with the heatshield installed or removed from the vehicle. See picture below.



**Everything is now installed! And don't forget to tune your sled!.**



For more information contact your local dealer or RJWC directly.

**RJWC Exhaust systems**

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