

2004-Current Yamaha Raptor 350

Exhaust Installation

- ❑ Remove the stock exhaust system
- ❑ Install the Sparks head pipe. (Please note that the Sparks head pipe is designed to route through the frame differently than the stock head pipe.)
- ❑ The head pipe should be centered between the engine cases and frame.
- ❑ Tighten the exhaust stud nuts up to 17 ft/lbs.
- ❑ Slide the rear section onto the head pipe.
- ❑ Use the supplied bolts to install the rear section and tighten.
- ❑ If there are any clearance issues, simply loosen the exhaust stud nuts slightly and rotate the head pipe until everything clears properly.

Jetting recommendations

- ❑ To access the carburetor, take the seat and fuel tank off.
- ❑ Be sure to turn the fuel petcock off before taking the tank off.
- ❑ Take the carburetor off of the motor and pull it up into the open.
- ❑ These recommendations are with the Sparks Exhaust, the Air box lid off, at sea level only. If you're using this kit to tune for another manufacturer's performance products, please contact that manufacturer for additional jetting recommendations.

	Main jet	Needle jet / clip position	Pilot (slow jet)	Fuel screw (from closed)
Raptor 350	134	Dynojet / 3rd	Stock	3 +/- .5

- ❑ Reinstall the carburetor making certain that everything is together correctly and tight.

Air filter installation & maintenance

- ❑ We recommend the use of the Pro Design Intake system which is available at www.SparksRacing.com

Exhaust muffler maintenance

- ❑ Be sure to re-pack muffler every 25-30 hours for optimal performance and noise control.
- ❑ **Warning:** running this exhaust with very little or no packing can damage your muffler and void any warranty!