



Instructions for Spark Arrestor Muffler

Basics:

Removing discs to decrease the exhaust flow:

- Increases back pressure
- This will richen your fuel mixture
- Decreases exhaust noise
- Lowers the power band
- More bottom end torque

Adding discs to increase the exhaust flow:

- Leans fuel mixture
- Increase power band
- More mid-range horsepower
- Increases exhaust noise

Tuning guidelines:

The standard 12 discs provided are normally adequate for most applications.

"Open" exhaust conditions are usually achieved by installing 20 - 24 discs. Any thing above 24 discs will result in little noticeable change.

Exhaust or Power tuning:

One of the easiest ways to determine the correct disc amount is to read the color on your discs, similar to how you would read a spark plug.

A. A slight tan to dark brown color will indicate a nice flow of exhaust, back pressure and fuel mixture.

B. Non-colored or white / grey discs are usually a sign of being too lean and discs should be reduced. Some jetting may be in order.

C. If the discs are overly black or have an excessive black film on them, the system is too rich and discs should be added. Some jetting may be in order.

These are some basic guide lines to aid you in establishing the proper disc assortment that is right for your application.

99-4165/0705



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