

SPECIAL TUNING SUPPLEMENT FOR MAIN JET-EQUIPPED CARBURETORS

Unlike most of the Edelbrock Performer Series Carburetors, the carburetor you have purchased is equipped with a main jet for fuel metering above 2/3 throttle opening.

The following chart will help determine which type of adjustment needs to be performed.

Off-idle throttle response-Accelerator Pump
Idle to 1/3 throttle-Needle height
1/3 to 2/3 throttle-Needle size
2/3 to wide open-Main Jet

For adjustments other than main jet, please refer to the main tuning manual.

MAIN JET ADJUSTMENTS

The main jet controls fuel flow from about 2/3 throttle to wide open. If you have a problem in this area of throttle opening a main jet change is in order. The main jet is located in the bottom of the pick up tube and can be accessed by removing the plug in the bottom of the float bowl.

1. Turn fuel petcock to off position.
2. Remove aluminum plug from bottom of float bowl using 11/16 (or 18mm) socket or wrench. **NOTE:** It may be advantageous to loosen both clamps and rotate top of carb towards the right side of the bike to gain access to the plug and jet. Use a small cup to drain fuel from bowl into while removing plug. **WARNING!!** Gasoline and gasoline fumes are extremely flammable. It is strongly recommended when working with gasoline, it be done in a well-ventilated area away from any open flames or ignition source.
3. Using a stubby flat-blade screwdriver remove main jet from pick up tube. See figure 1.



Figure 1

NOTE: If you need more fuel a larger # main jet will be required. A smaller main jet will deliver less fuel.

4. Install desired jet into pick up tube. **Do not over tighten jet as brass is soft and can easily strip.**

5. Replace bowl plug with O-ring. **Do not over tighten plug when reinstalling as it is hollow and can easily crack or break.** It is also recommended a small amount of grease be applied to the O-ring before re-installation.

MAIN JET SIZES AND PART NUMBERS

.062	#8140	.076	#8147
.064	#8141	.078	#8148
.066	#8142	.080	#8149
.068	#8143	.082	#8150
.070	#8144	.084	#8151
.072	#8145	.086	#8252
.074	#8146	.088	#8253

NOTE: Refer to Model Supplement for standard main jet and alternate main jets supplied with kit.