

INSTRUCTION SUPPLEMENT FOR 2001-LATER YAMAHA RAPTOR

Removing stock carburetor and cables

1. **Make sure fuel petcock is in “off” position. Remove seat, front fenders and fuel tank.**
2. Remove throttle cables paying close attention to routing, as the new cables will need too be routed the same.
3. Remove stock carburetors.
4. Remove stock manifolds and air boots coming from air box.
5. Stuff a dry, clean rag into the intake manifold to keep debris from entering engine.
6. Remove two (2) bolts holding air box in place.

Installing the Edelbrock Induction kit

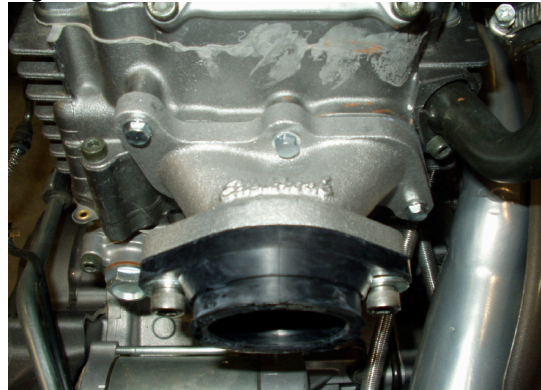
1. Install the provided throttle cables into OEM throttle housing (If using thumb throttle kit) or for twist throttle, install throttle cables into supplied throttle housing and onto handle bars.
2. Remove the hex pipe plug from the carb cap using a 11mm or 7/16 wrench. **Do not discard plug, as it will be needed later.** Install the metering adjustment tool included in the hardware kit. **Do not over-tighten as damage may occur to cap.**
3. Install provided fuel line onto fuel inlet banjo and secure with pinch clamp.
4. Install rubber flange onto manifold using supplied bolts and washers. See Fig 1.

Figure 1.



5. Install gasket and manifold onto engine using four (4) M6.1X1” flange head screws supplies in kit. See Fig 2.

Figure 2.



6. Remove stock air box clamps from air boots and install onto rubber hoses attached to plenum. See Fig 3.

Figure 3.

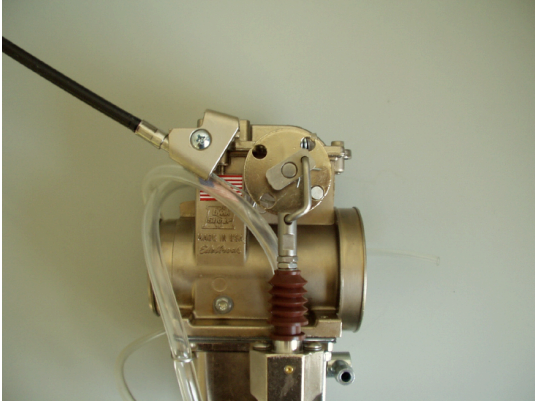


7. Place plenum onto front of air box and tighten clamps. Make sure rubber hoses are pushed all the way onto air box.
8. Place Edelbrock carburetor into manifold. Do not tighten clamp yet.
9. Stretch rubber hose onto front of carb.

Thumb Throttle Installation

1. Remove the cable bracket end from cable bracket using #2 phillips.
2. For thumb cable installation, install cable end into the 4:00 position of the cable wheel and the shouldered end into the bottom slot of the cable bracket and secure by replacing cable bracket and Phillips screw. See Fig 4.

Figure 4.



Twist Throttle Installation

1. Install pull cable (see Figure 5) end into the 4:00 position of the cable wheel and the return cable into the 1:00 position. Secure cables into cable bracket by replacing end piece and phillips screw. See figure 6.

Figure 5.

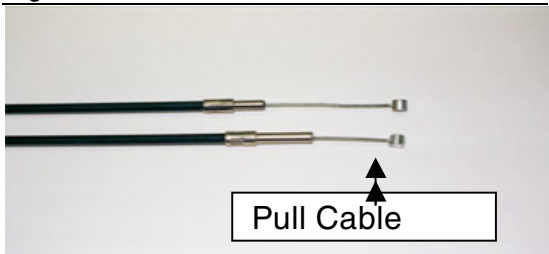
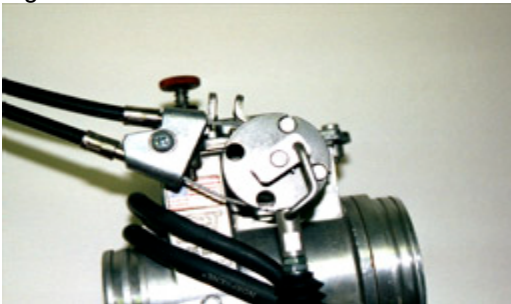


Figure 6.



3. Place supplied hose clamp over rubber hose and carburetor.
4. Align carburetor as close to vertical as possible and tighten both clamps on each end of carburetor.
5. Adjust pull cable until wide-open throttle is achieved. Adjust return cable to take up the slack (for twist throttle only). **Note: When throttle cables are adjusted properly,**

there should be approx. 1/8" of free play in the throttle.

6. After throttle cables have been adjusted the handle bars should be rotated from full right stop to full left stop while opening and closing throttle to ensure smooth operation. Also check to make sure the cables do not catch or bind on anything, i.e., hand guards, stabilizers.
7. Connect crank vent line to the plastic elbow on upper left side of the plenum.
8. Install remote idle cable into threaded tab on top of carburetor. Refer to main instruction for remote idle cable installation and adjustment.
9. Install fuel tank and connect fuel line to petcock and secure with remaining pinch clamp. Turn fuel on and check for leaks.
10. Open throttle 3-5 times to prime accelerator pump. **Do not open throttle any more than 5 times as this may flood engine!!**
11. Install air box bolts back into frame to secure air box.

NOTE: If flooding occurs, slowly open throttle about half way and hold. With throttle still open, engage starter until engine fires

For any questions regarding tuning or installation of Edelbrock products, please call our toll free tech line M-F 8:00am-12:30pm, 1:30pm-5:00pm PST. 877-888-7504 ext.2.

Edelbrock #3026 and 3154 Carburetor Specifications

Bore Size: 36mm tall X 42mm wide
 Needle: 19E @ 12 clicks
 Accelerator Pump Bypass: 1 3/4 turns out.
 Alternate Needles: 17E, 21E

Replacement Throttle Cables:
 THUMB-#9339
 TWIST-#9355