

INSTRUCTION SUPPLEMENT FOR 2003- LATER POLARIS PREDATOR

Removing stock carburetor and cables.

1. Remove seat and gas tank. **Make sure fuel petcock is in "off" position.**
2. Remove throttle cable paying close attention to routing, as the new cable(s) will need to be routed the same.
3. Remove stock carburetor and stock throttle housing. Stuff a clean, dry rag into manifold to keep debris out of motor.

Twist Throttle Instructions

1. Install the throttle cables into the supplied throttle housing and place onto clean handlebar end.
2. Route throttle cables through frame as stock cable was routed.
3. Install the pull cable into the 4:00 position and the return cable end into the 1:00 position of the cable wheel. Secure cables to cable bracket by replacing end piece and Phillips screw. See figure 2.

NOTE: SEE FIGURE 1 TO IDENTIFY CABLES.
The bottom cable is the pull cable.

Figure1.

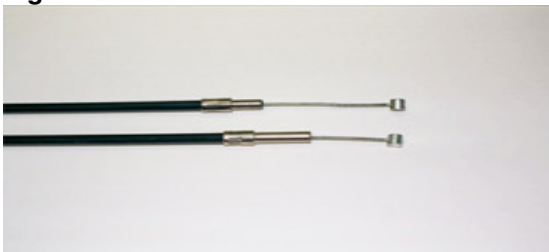
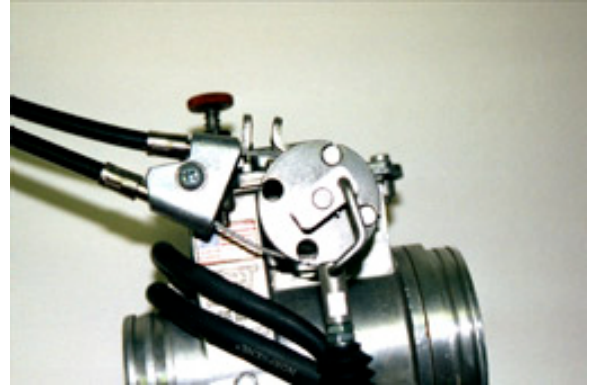


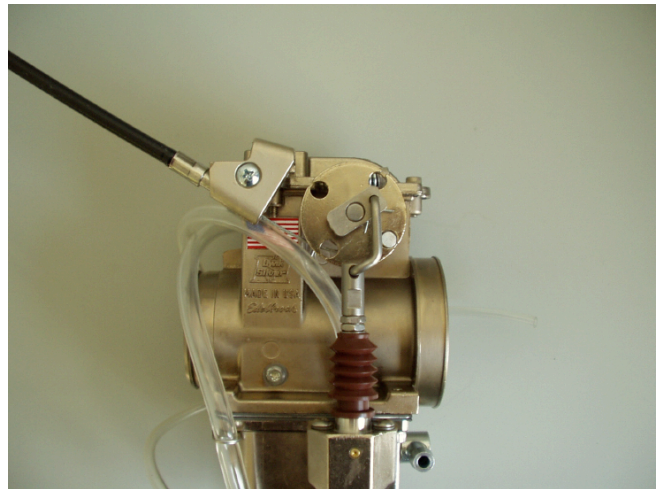
Figure 2.



Thumb Throttle Instructions

NOTE: #3196 KIT REQUIRES THE USE OF A SUZUKI THUMB THROTTLE HOUSING. PART #57100-07G00 CAN BE ORDERED FROM ANY SUZUKI DEALER.

1. Thread new throttle cable into housing and insert cable end into throttle lever.
2. Install cable into cable wheel on carburetor in the 4:00 position and secure cable into lower slot on cable bracket by replacing end piece and Phillips screw. See figure 6.



Carburetor installation

1. Carefully trim the rubber alignment tab off of the face of the manifold with a razor blade or side cutters.
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. Attach fuel line to carburetor and secure with clamp.
4. Place carburetor into manifold and air boot. Tighten clamps with carb sitting as close to vertical as possible.
5. Adjust throttle cable to take up the slack in the throttle. **Note: When throttle cables are properly adjusted, 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. Install fuel tank and connect fuel line to petcock and secure with provided pinch clamp. Do not bolt tank in place, as minor adjustments may be necessary and may be easier with the tank off.
8. Turn fuel petcock to "on" and check for leaks.

NOTE: Because this machine is equipped with a fuel pump, fuel will not flow out of the tank unless there is manifold vacuum present. With the throttle closed engage starter for 5-10 seconds. This should get adequate fuel in the carburetor bowl for the following steps to be performed.

9. Open throttle 3-5 times to prime accelerator pump. **Do not open throttle any more than 5 times as this may flood engine!!**
10. Once pump is primed, If Motor will not fire open idle cable ½ turn and repeat starting process.

NOTE: If flooding occurs, slowly open throttle to wide open 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 #3196 and #3197 Predator Carburetor Specifications

Bore Size: 36mm tall X 40mm wide

Needle: 15E @ 12 Clicks

Accelerator Pump Bypass: 2.5 turns out

Alternate Needles: 13E, 17E

Replacement Cable

Thumb #9351

Twist #9352