

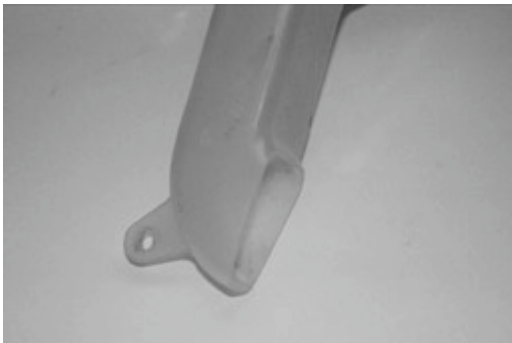
INSTRUCTION SUPPLEMENT 99-LATER HONDA TRX400EX

Removing Stock Carb and Cables

1. Remove seat/fender assembly and fuel tank.
2. Remove throttle cables paying close attention to routing.
3. Remove thumb throttle housing if you are installing a twist throttle.
4. Remove air box and air box intake tube.
5. Remove stock carburetor.
6. Stuff a clean rag into intake manifold to keep debris from entering engine.

Preparing machine for carburetor installation

1. Route the provided throttle cables per manufacturer's recommended procedure, routing them the same as the stock cables.
2. Remove the rubber alignment tabs from the manifold using a razor blade or cutters. **Be very careful not to damage the intake manifold!**
3. Remove air box intake tube from the air box and use a hacksaw to cut approx. 1½" off of the air box intake tube. Your tube should resemble the one shown in **Figure 1**. Re-assemble the air intake tube into air box and install back onto bike. **Don't forget to tighten clamp around intake tube and re-**



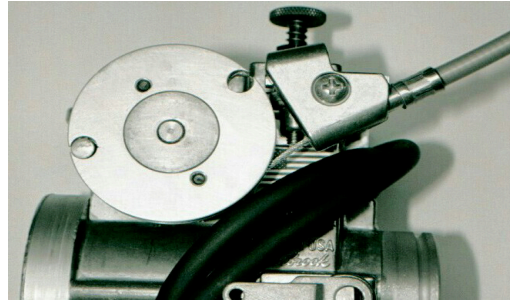
insert crank vent into the air boot.

Figure 1.

Thumb Throttle

Attach cable into cable wheel with the cable end at the 8:00 position of the cable wheel, then into bracket. Secure by replacing the cable bracket end and phillips screw. **See Figure 2.**

Figure 2.



Twist Throttle

1. Install the pull (see figure 4 for cable identification), cable end into the 8:00 position and the idle cable end into the 11:00 position on the cable wheel. **See Figure 3.**

Figure 3.

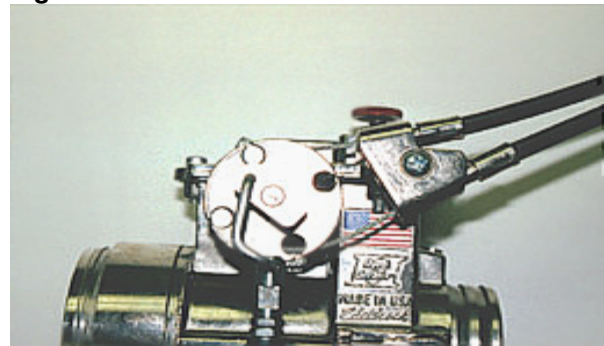
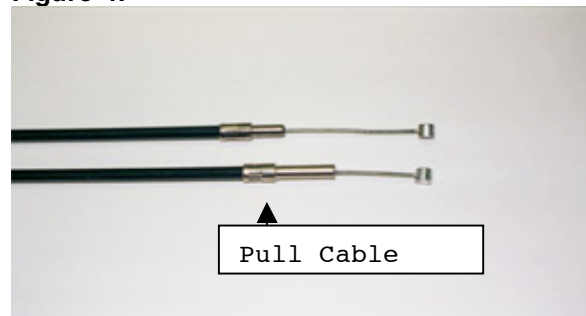


Figure 4.



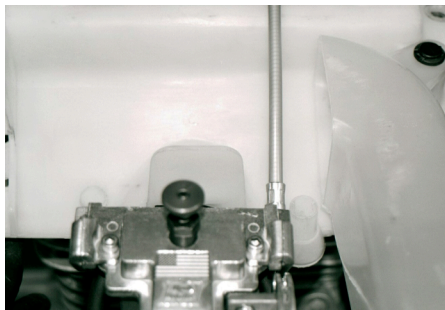
2. Adjust the pull cable to achieve wide-open throttle. Adjust the idle cable to take up the slack. **When cables are properly adjusted, there should be approx. 1/8" of free-play in the throttle.**

Edelbrock Carburetor Installation

1. Using an 11mm or 7/16" wrench, remove hex plug from carburetor cap. **Do not discard, as it may be reinstalled after all adjustments are made.**
2. Install supplied metering adjustment tool into cap. **Do not over-tighten as damage may occur!!!**
3. Install supplied fuel line onto carburetor fuel inlet and secure with supplied clamp.
4. Install carb into manifold and align as close to vertical as possible and tighten manifold clamp.

NOTE: After throttle cables have been installed, the handlebars should be rotated from one stop to the other, making sure they operate smoothly throughout the motion. If the throttle is not smooth check the cable adjustment, throttle housing and cable routing.

With the carb and airbox in place, the intake tube should clear the throttle cable as shown in Figure 5.



5. Install fuel tank and cut fuel line to proper length. Install fuel line onto fuel valve securing line with remaining pinch clamp.
6. Turn on fuel and check for leaks.
7. Open throttle 3-5 times until fuel is dispensed out of squirter. This will ensure that the accelerator pump is primed and operational. **Once fuel is dispensed, DO NOT continue to pump throttle as this will flood the engine!**

8. Attach air boot to front of carb and secure with clamp.

NOTE: If flooding occurs, open throttle wide open while turning over engine until the engine starts.

If you have any questions concerning installation or tuning please call our toll free tech line at 877-888-7504 ext 2.. M-F 8:00am-12:30pm, 1:30pm-5:00pm PST

SPECIAL NOTE: For thumb throttle applications, it will be necessary to grind away some of the throttle housing to obtain full throttle. See supplied throttle modification sheet.

Edelbrock #3004 and #3105 Carburetor Specifications

Bore Size: 34mm wide X 38mm tall oval bore

Needle: 15E @ 12 clicks

Alternate Needles: 13E, 17E

Pump Setting: 2 1/4 turns out

**Replacement Cables: Thumb-#3013
Twist- #9337**

Edelbrock #3027 and #3156 Doug Eichner Signature Series Carburetor Specifications

Bore Size: 38mm round bore

Needle: 23E @ 21 clicks

Alternate Needles: 21E, 25E

Pump Setting: 2 1/4 turns out

**Replacement Cables: Thumb-#3013
Twist- #9337**