

INSTRUCTION SUPPLEMENT FOR 1996 and Later Honda XR400 & 1988 and Later Honda XR600

Removing stock carburetor and cables.

1. Remove seat and gas tank. **Make sure fuel petcock is in "off" position.**
2. Remove throttle cables paying close attention to routing, as the new cables will need too be routed the same.
3. Remove stock carburetor and stock throttle housing.
4. Stuff a dry, clean rag into the intake manifold to keep debris from entering engine.

NOTE: It may be easier to remove sub-frame prior to installation. (XR400 only)

Installing the Edelbrock Carburetor and Throttle Cables

5. Install the throttle cables into the supplied throttle housing and place onto clean handlebar end.
6. Remove the rubber carburetor alignment tabs from the manifold using a razor blade or sharp cutters. This should be done with the rag left in the manifold. **Be very careful not to damage the manifold or your hands while doing this!!**
7. Remove the hex pipe plug from the carb cap using an 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.**
8. Remove rag from manifold.
9. Install carburetor into manifold. Do not tighten yet.
10. Install the pull cable (long shoulder on 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 1.
11. Align carburetor as close to vertical as possible and tighten manifold clamp.
12. Adjust cable until wide-open throttle is achieved. Adjust return cable to take up the slack. **Note: When throttle cables are properly adjusted, there should be approx. 1/8" of free play in the throttle.**
13. 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.
14. Secure clamp around air boot onto back of carburetor.
15. Install Remote Idle Cable into threaded tab on top of carburetor. Refer to main instruction manual for remote idle cable installation and adjustment.
16. Install fuel tank and connect fuel line to petcock and secure with provided pinch clamp. Refer to figure 1. Do not bolt tank in place, as minor adjustments may be necessary.
17. Turn fuel petcock to "on" and check for leaks.
18. Open throttle 3-5 times to prime accelerator pump. **Do not open throttle any more than 5 times as this may flood engine!!**
19. Once pump is primed, get motor to TDC and kick through without opening throttle. If

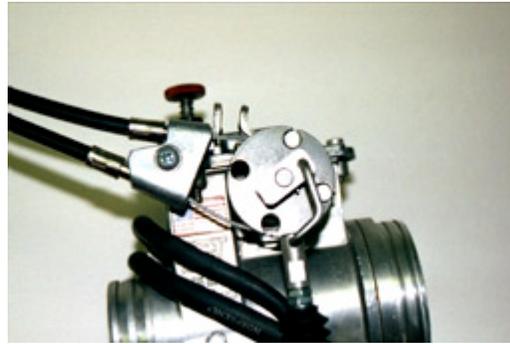


Figure 1.

Motor will not fire with a few kicks, 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, hold decompression lever and kick motor through 5-10 times. Release throttle and decompression lever and proceed with normal starting procedure.

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 #3112 XR400 Carburetor Specifications

Bore Size: 38mm Tall X 32mm Wide

Needle: 15E @ 12 Clicks

Accelerator Pump Bypass: 2.75 turn out

Alternate Needles: 13E, 17E

Replacement Cables: #9331

Edelbrock #3113 XR600 Carburetor Specifications

Bore Size: 40mm Tall X 34mm Wide

Needle: 17E @ 15 Clicks

Accelerator Pump Bypass: 2 turn out

Alternate Needles: 15E, 19E

Replacement Cables: #9332