

HONDA DIGITAL FAN KIT INSTALLATION GUIDE FOR CRF 450X/250X

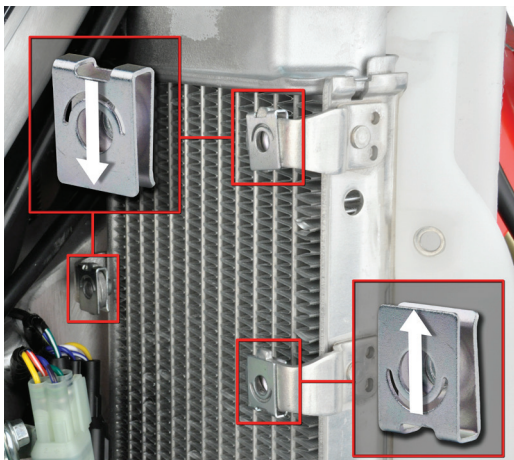
1.) Remove the seat and right radiator shroud. Unbolt the gas tank and prop it up an inch or two for an easier installation process.



2.) Install the three supplied mounting bolts to the fan bracket. Slide the plastic spacers over the bolts on the back side of the bracket and install retaining washers to hold the spacers in place. (see photo to left) Do not push the retaining washer all the way down against the bracket. The extra spacer is for the 250x. (see note below)



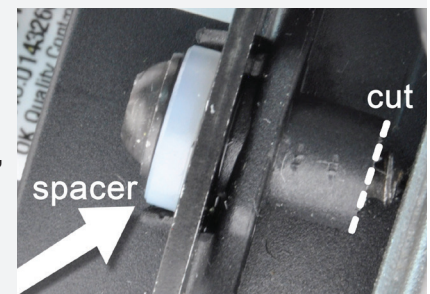
3.) Install clip nuts on radiator mounts. Position the clip nuts as shown below.



For CRF 250X models only:

If bike is equipped with an air suction valve, disconnect factory wiring connectors from the air suction valve bracket near the radiator. Remove the bolt holding the air suction valve bracket to the frame. Rotate the air suction valve down (clockwise as viewed from the riding position) so that the bracket is out of the way. If bike does not have an air suction valve, unbolt the factory wiring harness bracket from the frame and move down and out of the way.

The upper fan mounting ear interferes with the top radiator tank and must be trimmed. Remove the fan to bracket screw (T20 Torx). Trim 1/8" (3mm) from the fan mounting ear using a hacksaw, Dremel, or side cutters. Place the extra supplied plastic spacer on the fan screw and reinstall. (See photo to right) Recommended torque is 20 in-lb (2.5 Nm).



4.) Attach the fan mounting bracket to the radiator. A 4mm ball-end hex key is recommended for ease of installation. Recommended torque is 50 in-lb (5.5 Nm).

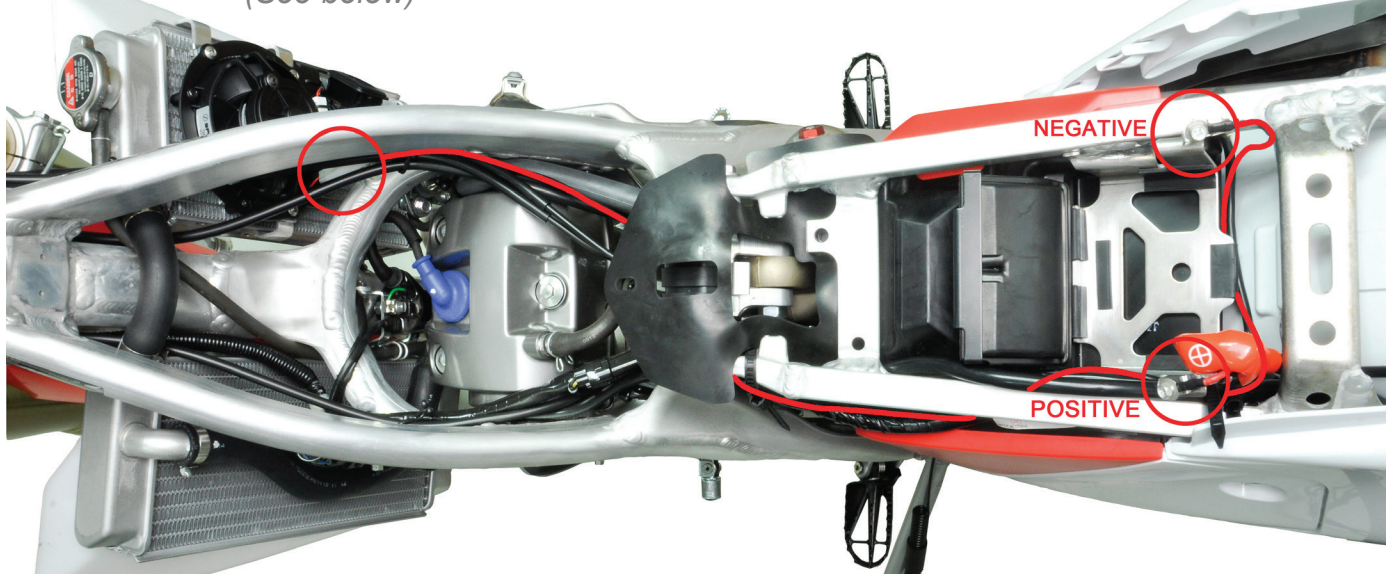
5.) Ensure the engine and radiator are cool to the touch before installing the temperature sensor. It is not necessary to fully drain the cooling system. Remove the radiator cap to relieve any pressure, then reinstall cap. Place a drain pan underneath the radiator to catch drips. Unscrew the drain plug from bottom of radiator and quickly screw in the temperature sensor with the copper sealing washer installed. Tighten the temperature sensor to 15 ft-lb (20 Nm) and plug into connector on fan assembly.

Zip tie the wire to the coolant outlet pipe. (See photo to right)

IMPORTANT: FILL THE RADIATOR BACK UP WITH THE CORRECT AMOUNT AND TYPE OF COOLANT (SEE VEHICLE MANUAL).

6.) Install the power harness. Route the harness along the frame from the fan kit to the battery. For a clean installation, the positive harness ring terminal can be routed inside the positive battery terminal protective rubber boot and bolted to the positive terminal.

(See below)



For CRF 250X models only:

Reinstall air suction valve (if applicable). Reinstall factory harness connectors on to bracket. You will need to bend the bracket slightly to clear the fan kit.

7.) Reinstall fuel tank, seat, and radiator shroud.

CHANGING TEMPERATURE UNITS AND FAN SETTING:

SETTING MENU

To enter set up menu, press and hold blue button for 3 seconds. Release when all LCD segments flash on.

SET TEMPERATURE UNIT

Select Fahrenheit or Celsius by pressing blue button.

Note: You must adjust the fan on temperature if you change the temperature units.

TEMPERATURE SETTING

After temperature unit is selected, wait 5 seconds and the word "Hi" will display. Press and hold blue button to increment or decrement fan on unit. Arrow in lower left corner indicates direction of adjustment. The direction of adjustment will change automatically in 3 seconds if button is not pressed. After 3 more seconds the meter will automatically exit setup mode and resume current temperature display.



Disclaimer: Trail Tech's Fan Kit does not guarantee your vehicle will not overheat. If steam is present or engine temperature is high, please stop and wait for engine to cool. Overheating may cause engine damage.