

# IMPORTANT INFORMATION

KEEP THIS PAGE WITH YOUR OWNER'S MANUAL.

A running production change has occurred affecting the maintenance of your vehicle. This is a special manual "update."

Be sure to read the important warnings of this update and the fuel warnings in your owner's manual.

## FUEL FILTER REPLACEMENT PROCEDURE

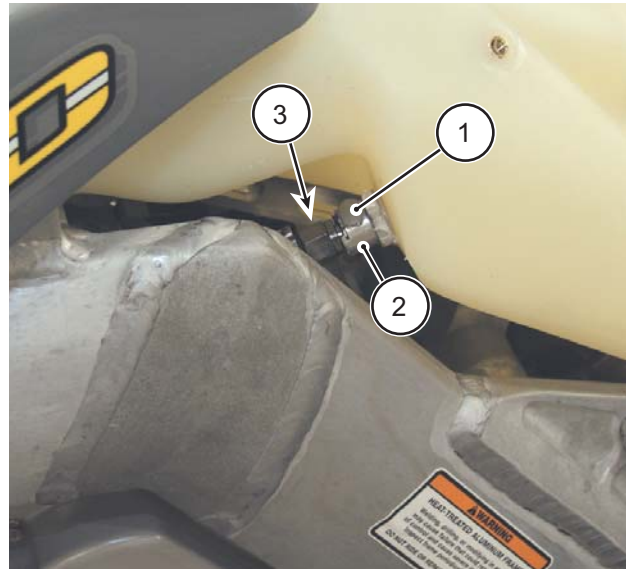
*(FRONT OUTLET FUEL TANKS ONLY)*

1. Make sure the engine and exhaust system are completely cool. Remove the key from the ignition switch, main fuse, and seat. Remove the left side panel bolts and top hats and carefully slide the panel down and out from between the front fender and rear fender panels.



Left side panel

2. Press in the tab on the coupling body (female connector) and remove the coupling insert (male connector) from the fuel tank..



1. Coupling body
2. Tab
3. Coupling insert



**⚠ WARNING**

**POTENTIAL HAZARD(S)**

**Fuel siphoning**

**Spilling fuel, leaking fuel system**

**WHAT CAN HAPPEN**

Fuel is highly flammable, spilling it can cause a fire or explosion. If you do not disconnect the fuel hose from the left front (outlet) fitting of the fuel tank before removing the inline fuel filter, gasoline can siphon or “flow” from the hose end. If the fuel is permitted to siphon, the entire contents of the tank can spill out.

**YOU CAN BE SERVERELY INJURED OR KILLED IN A FIRE OR EXPLOSION.**

**HOW TO AVOID THE HAZARD**

Disconnect the fuel outlet fitting from the left front of the fuel tank before removing the inline fuel filter.

Work in a well-ventilated area free of cigarettes, welders, torches, grinders, electric shop tools, or sources that could ignite any spilled fuel accidentally.

Wipe up any spilled fuel immediately.

Have your fuel filter service by your Cannondale dealer.

- Carefully pull the fuel hose back toward the fuel filter. Hold the coupling insert over a open fuel container and press the small white fuel end with you finger allowing the contents of the hose and filter to drain completely. Carefully remove the cable tie securing the lower fuel hose to the frame. Cradle the fuel filter in a dry shop towel to absorb any residual fuel and loosen the hose clamps on either side of the filter. Remove the fuel filter. Wipe up and spill fuel immediately.
- Install a new filter with the flow indicator molded into the filter body pointing toward the fuel pump. Make sure the larger diameter of the filter ends are inserted into the hose ends. Position the clamp over the larger filter ends and tighten the hose clamps securely.
- Re-route the fuel hose back to the tank coupler. Make sure the tab on the tank fitting is pressed in. Inspect the coupler insert fitting O-ring for damage. If the O-ring is damaged, fuel can leak from the fitting. Be sure to replace a damaged O-ring with a new one.

- Lubricate the fitting O-ring with some clean engine oil and insert it until the coupling body on the fuel tank clicks.
- Replace the two zip ties as indicated. Do not pinch the hose when tensioning the tie. See “Zip tie placement” on page 3.

**⚠ WARNING**

**POTENTIAL HAZARD**

**Stuck throttle**

**WHAT CAN HAPPEN**

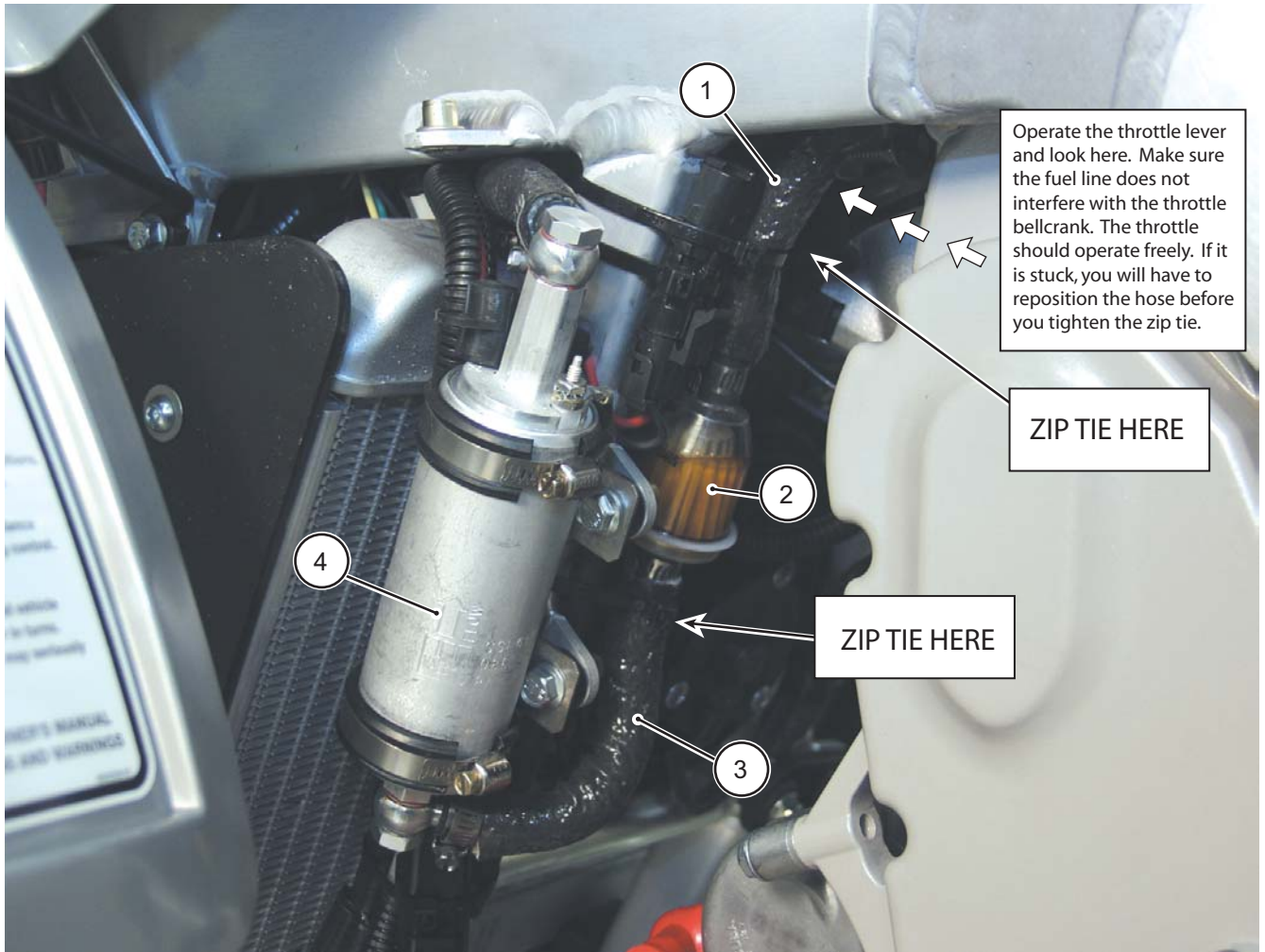
When you replace the fuel filter, you **MUST** take extra care and replace the zip ties securing the fuel lines to the frame. These zip ties prevent the fuel lines from contacting the throttle bellcrank. If you do not re-secure the zip ties to the frame as described in this update, the fuel hose can contact the throttle mechanism causing it to stick open or prevent it from opening. You can lose the ability to control accelerate and decelerate engine speed. You can be injured or killed in an accident.

**HOW TO AVOID THE HAZARD**

Replace the zip ties securing the fuel line to the vehicle frame as described in this update. And inspect the throttle operation before operating. Or, have your fuel filter service by your Cannondale dealer.

- Reinstall the removed components and check the fuel system for any leaks. Take corrective action if necessary.
- Check for proper throttle operation. It should operate freely without sticking or binding in all throttle positions. When released, the lever should close automatically.

## ZIP TIE PLACEMENT



1. Fuel hose (from tank)
2. Fuel filter
3. Fuel hose (from filter-to-pump)
4. Fuel pump