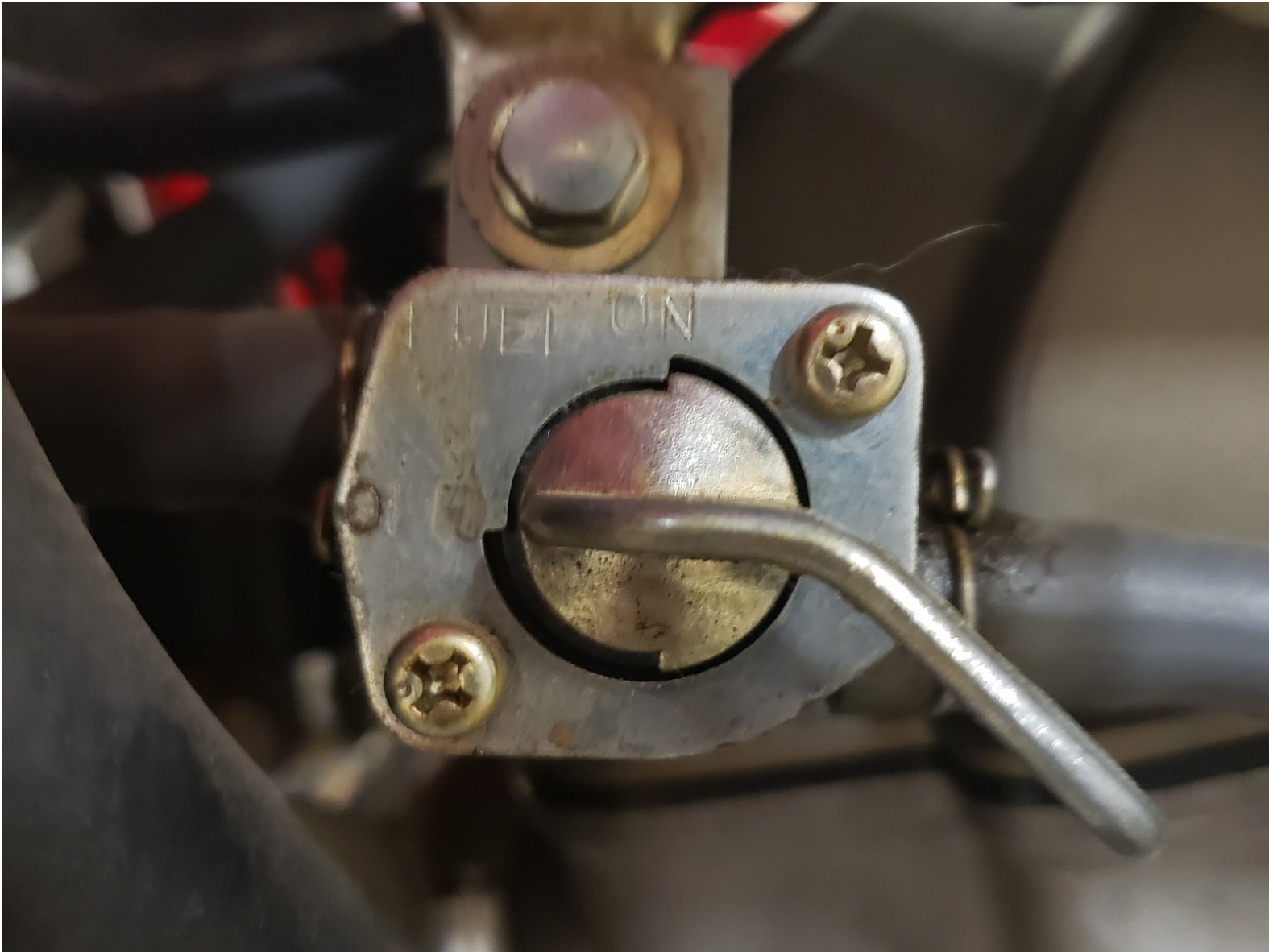




2003 Honda CRF 450 Carburetor Disassembly

This guide will show how to completely disassemble a 2003 CRF450 carburetor.

Written By: Tony Rhodes

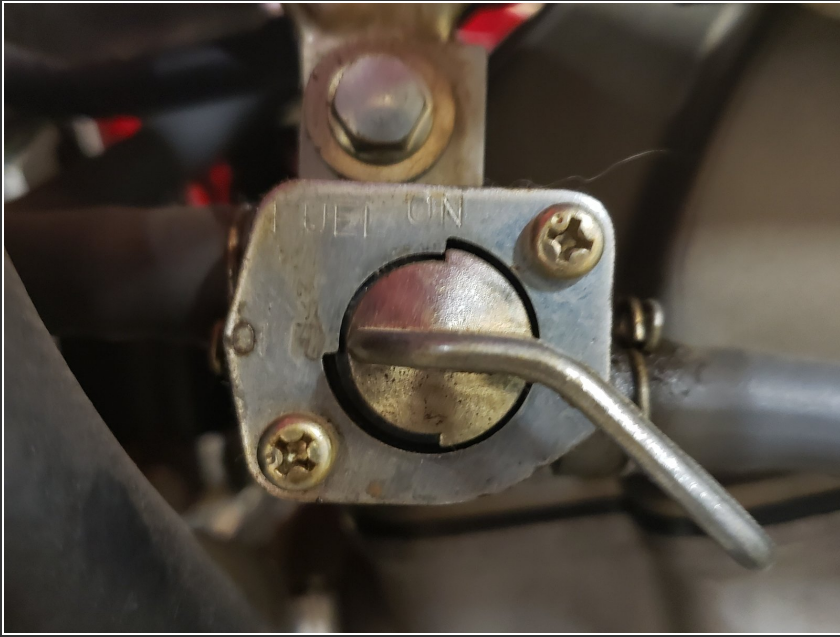




TOOLS:

- [Drain Pan](#) (1)
- [3/8" Drive Ratchet](#) (1)
- [3/8 inch Drive Socket Ratchet Extension](#) (1)
- [8 mm socket](#) (1)
- [10mm Socket](#) (1)
- [12mm Socket](#) (1)
- [17mm Socket](#) (1)
- [4 mm Hex Key](#) (1)
- [13mm Wrench](#) (1)
- [Phillips #2 Screwdriver](#) (1)
- [Large Needle Nose Pliers](#) (1)
- [Carburetor Cleaner](#) (1)
- [clean rags](#) (1)
- [Nitrile Gloves 100 Box](#) (1)

Step 1 — Turn Fuel Off



- Move the fuel lever from the on position to the off.

Step 2 — Drain Pan



- Place a drain pan under the motorcycle to catch any excess fuel.

Step 3 — Remove Seat



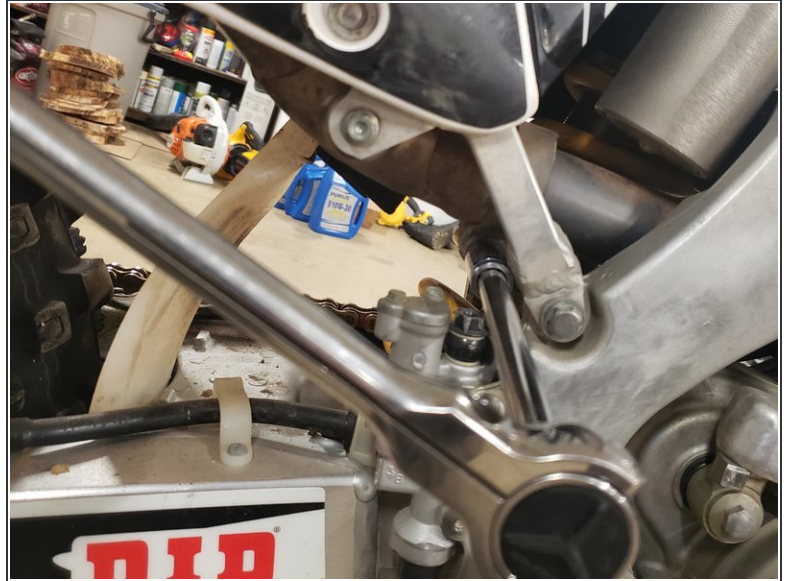
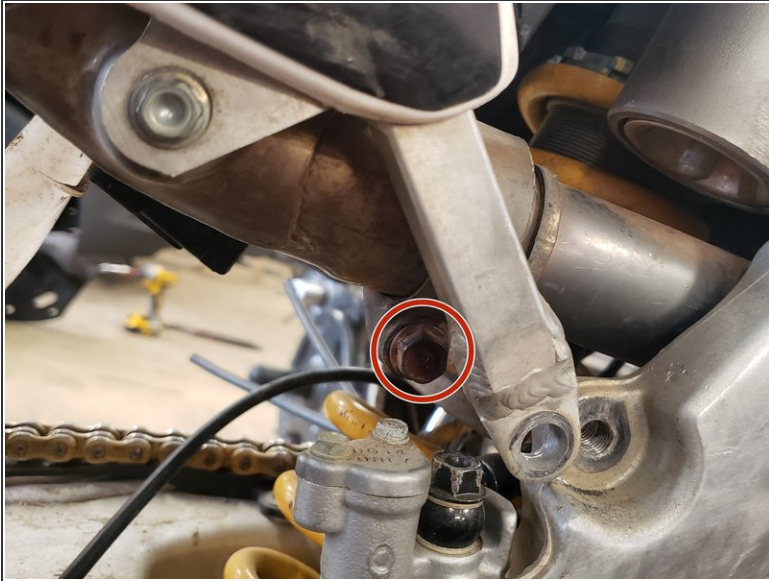
- Remove the two bolts from each side of the seat with a 10mm socket.
- Lift up on the rear of the seat to remove.

Step 4 — Loosen Air Intake Boot



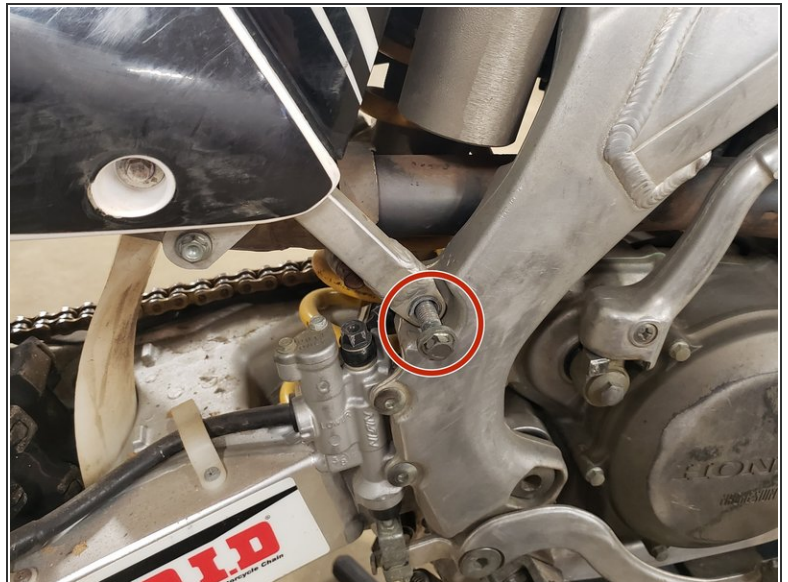
- Loosen the screw with a phillips head screwdriver so the clamp can move freely.

Step 5 — Exhaust Bolt



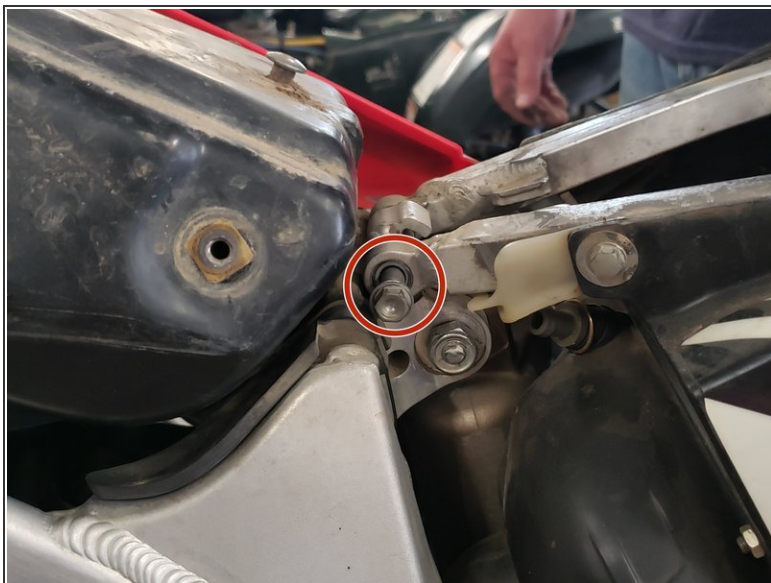
- Loosen the 12mm bolt to separate the exhaust muffler from the exhaust header.

Step 6 — Lower Sub-Frame Bolts



- Remove the 10mm lower sub-frame bolts on each side of the motorcycle.

Step 7 — Upper Sub-Frame Bolt



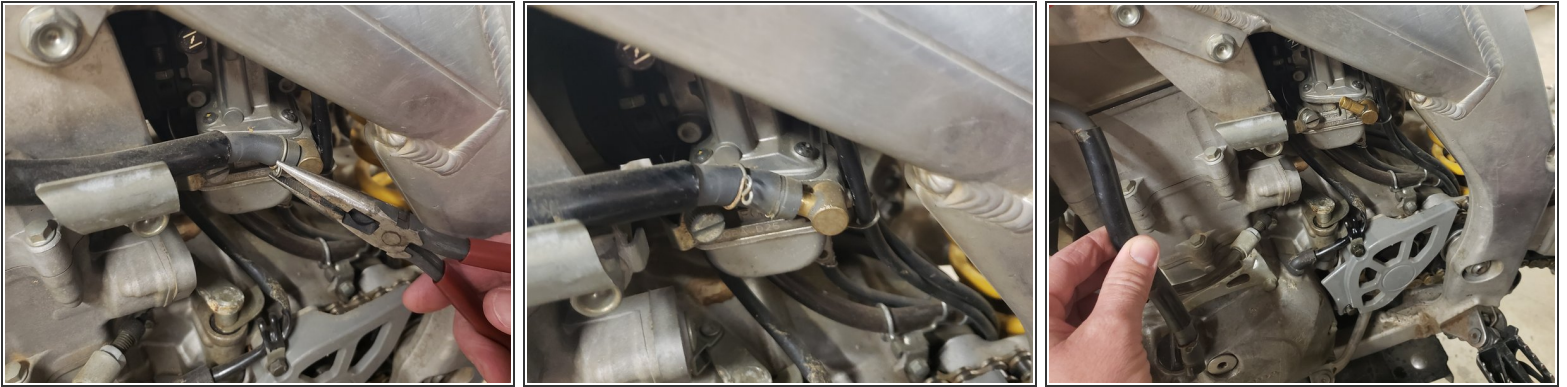
- Remove the 10mm upper sub-frame bolt from the motorcycle.

Step 8 — Sub-Frame Removal



- Remove the sub-frame assembly from the rest of the motorcycle.

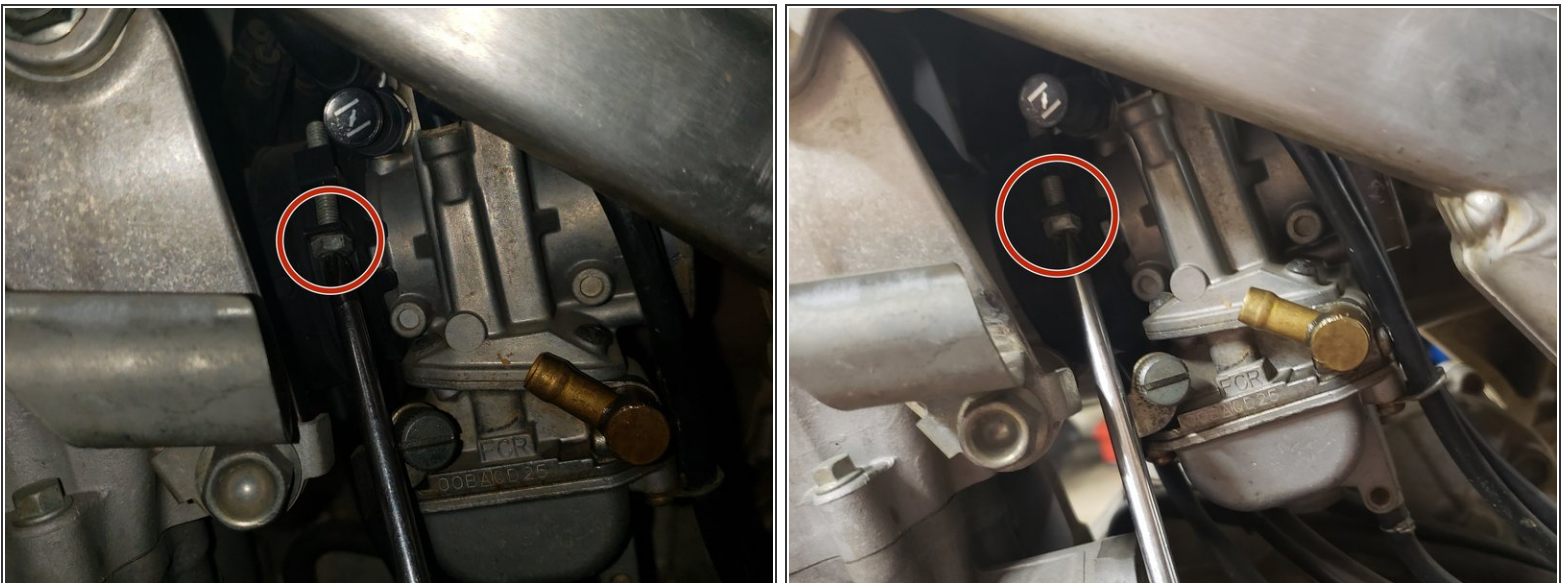
Step 9 — Remove Fuel Line



- Using needle-nose pliers, loosen the clamp and slide it forward on the fuel line. Then remove the fuel line.

⚠ The fuel line should contain a small amount of fuel, so beware of spillage.

Step 10 — Loosen Clamp



- Loosen the clamp on the front of the carburetor with the Phillips head screwdriver.

Step 11 — Remove Shock Bolts



- Remove the top and bottom shock bolts with 17mm socket.

Step 12 — Remove Shock



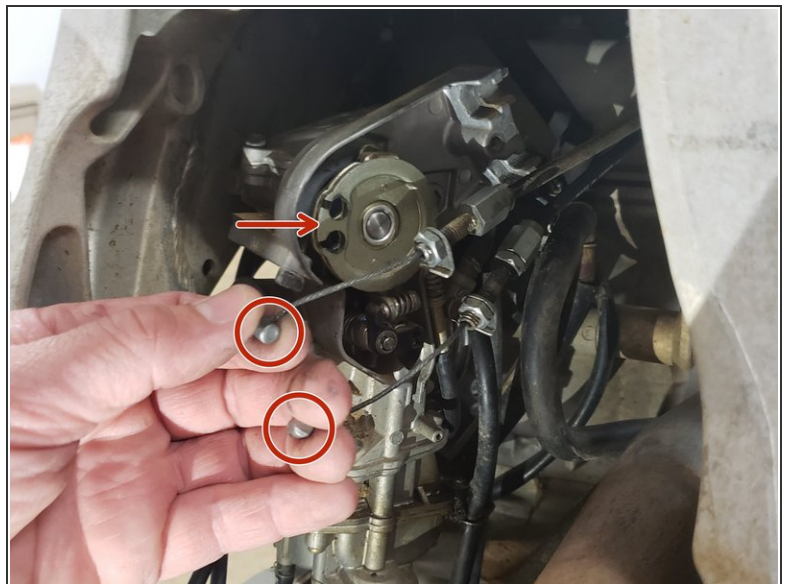
- Remove the shock from the motorcycle.

Step 13 — Plastic Cover



- Remove this screw with the 4mm hex key
- Now remove the plastic cover, allowing access for the removal of the throttle cables.

Step 14 — Slack Adjusters



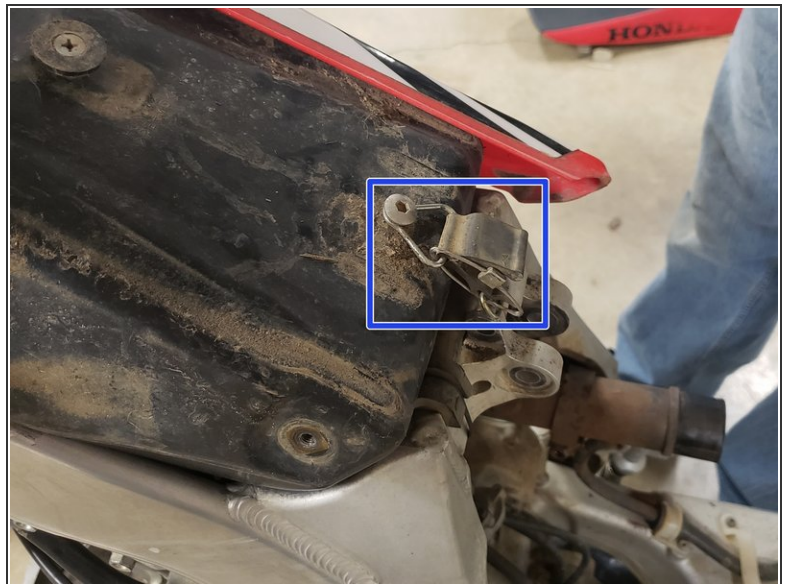
- Loosen the top and bottom slack adjusters. This will allow you to slide the slack adjusters out from the body of the carburetor.

Step 15 — Side Shrouds



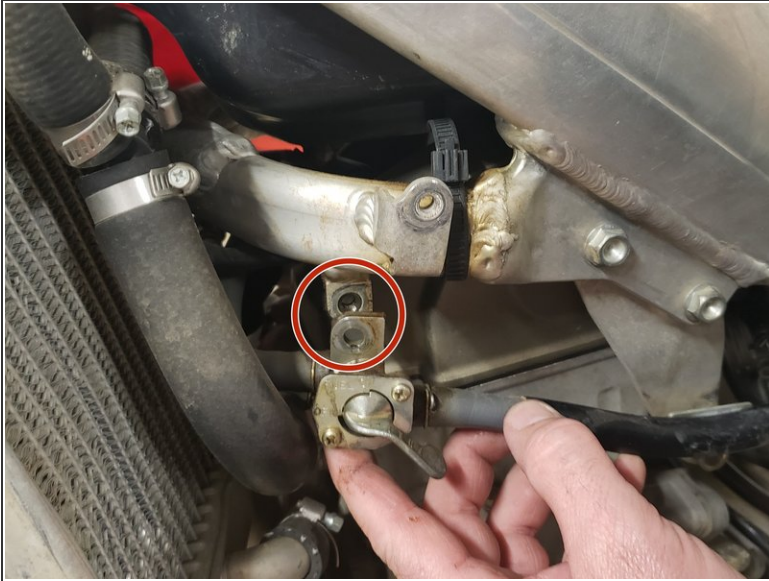
- Remove the side shrouds from the motorcycle by loosening the four 8mm screws. Complete this step for both sides of the bike.

Step 16 — Fuel Tank Bolts



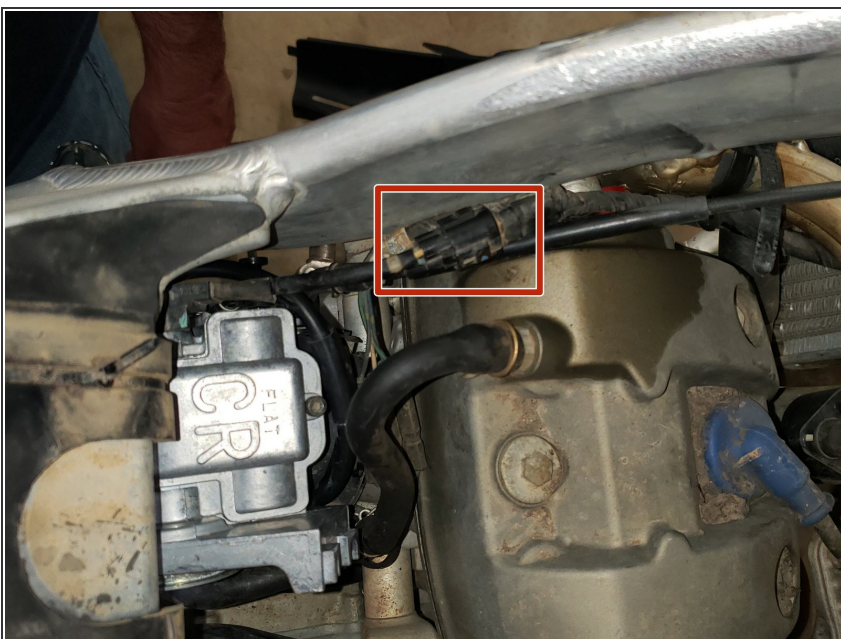
- Remove the 8mm bolt above the fuel tank.
- Remove the safety clip at the bottom of the fuel tank.

Step 17 — Fuel Tank Removal



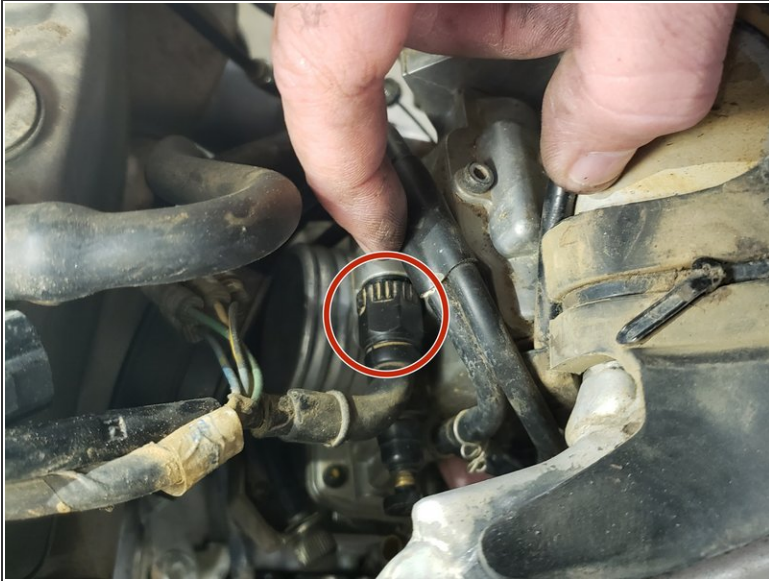
- Remove the 8mm bolt from the fuel petcock.
- Then remove the fuel tank from the motorcycle.
- ⓘ Tilting the fuel tank (second picture) will keep it from draining/spilling.

Step 18 — Wiring Harness



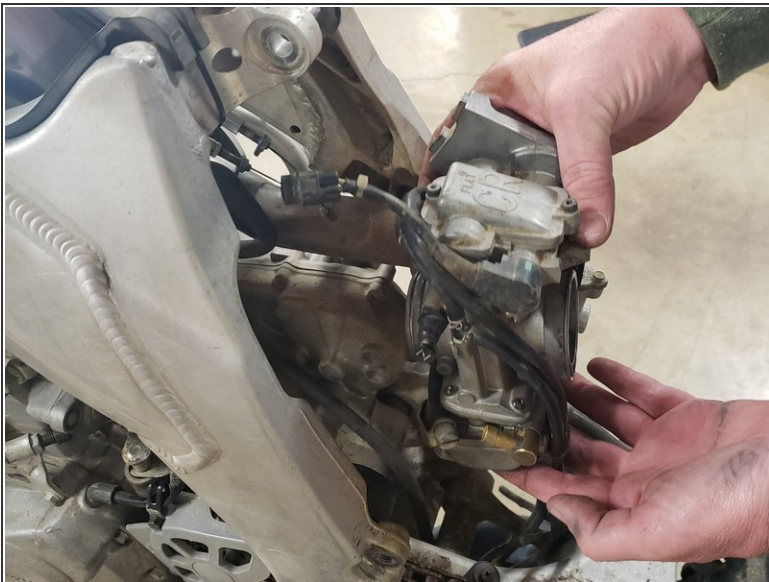
- Gently press on the plastic release on the clip to separate the wiring harness from the carburetor.
- ⚠ Be careful not to break the plastic clip.

Step 19 — Hot Start Cable



- Un-thread the 13mm plastic hot start cable from the carburetor.

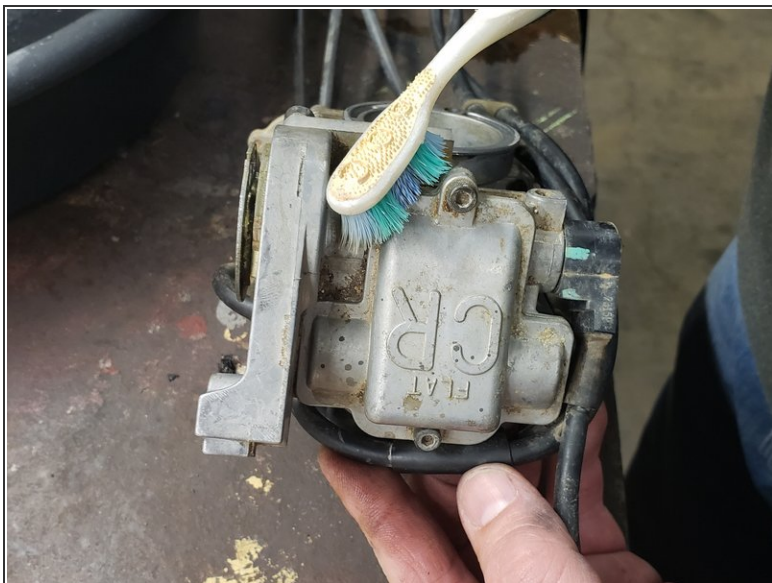
Step 20 — Remove Carburetor



- At this stage, everything should be disconnected and the carburetor can be removed from the motorcycle.

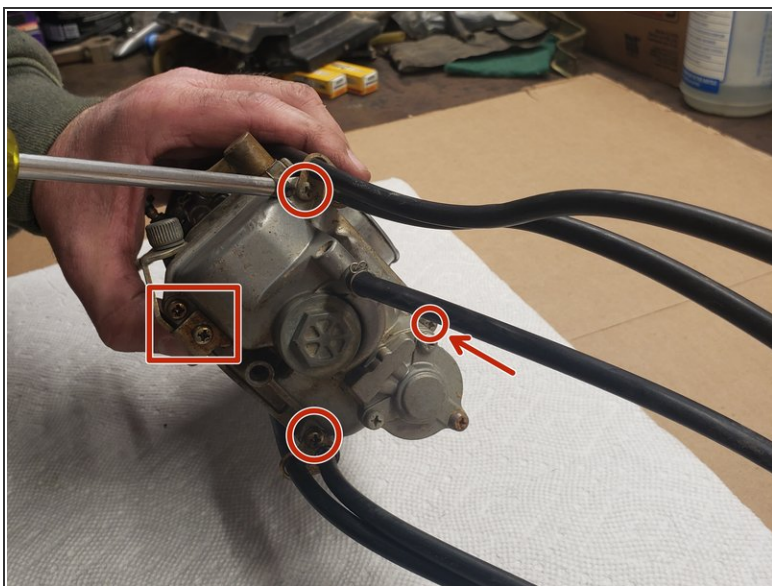
⚠ The carburetor will more than likely still contain fuel, so be careful transporting it to the area where you will disassemble it.

Step 21 — Clean Carburetor



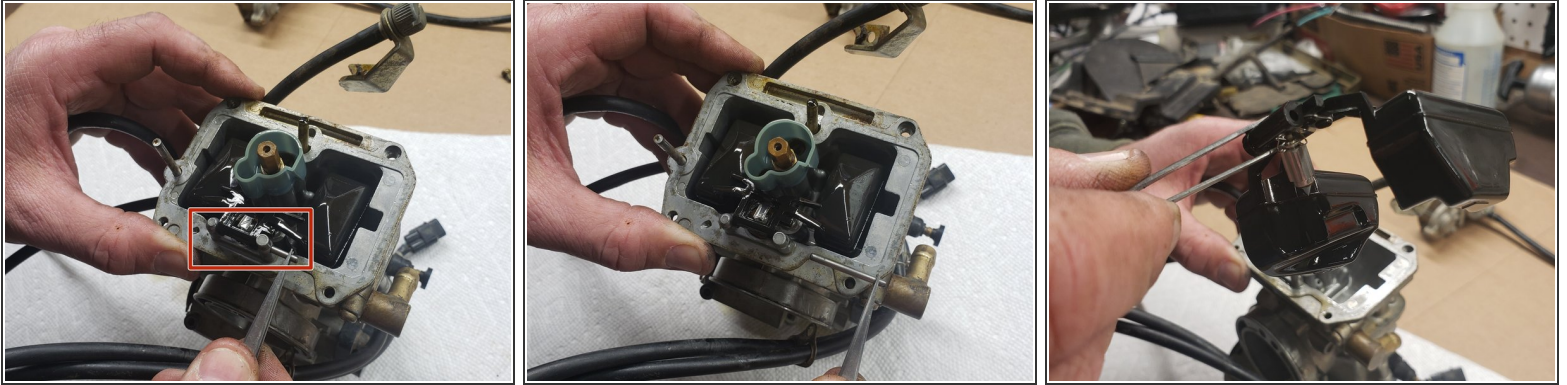
- Gently brush and blow off any debris from the carburetor.

Step 22 — Disassemble Carburetor



- Loosen and remove the 5 screws at the bottom of the carburetor, with the Phillips head screwdriver, to detach the bowl. Then remove the bowl.

Step 23 — Remove Float



- Remove the shaft from the two posts sticking up on the inside of the carburetor.
- Remove the float.

Step 24 — Remove Jets



- Remove the jets from the body of the carburetor.
- Thoroughly clean all jets and body of carburetor.

To reassemble your device, follow these instructions in reverse order.