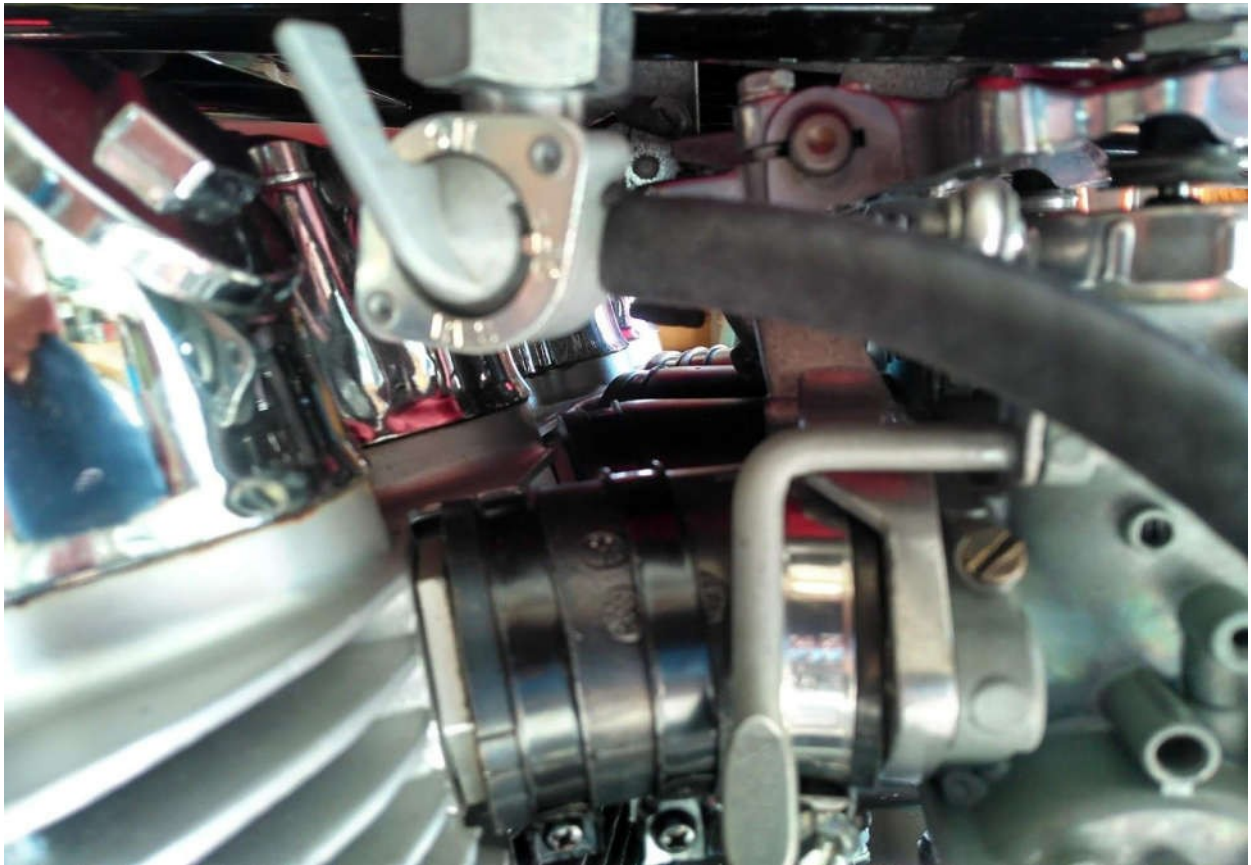


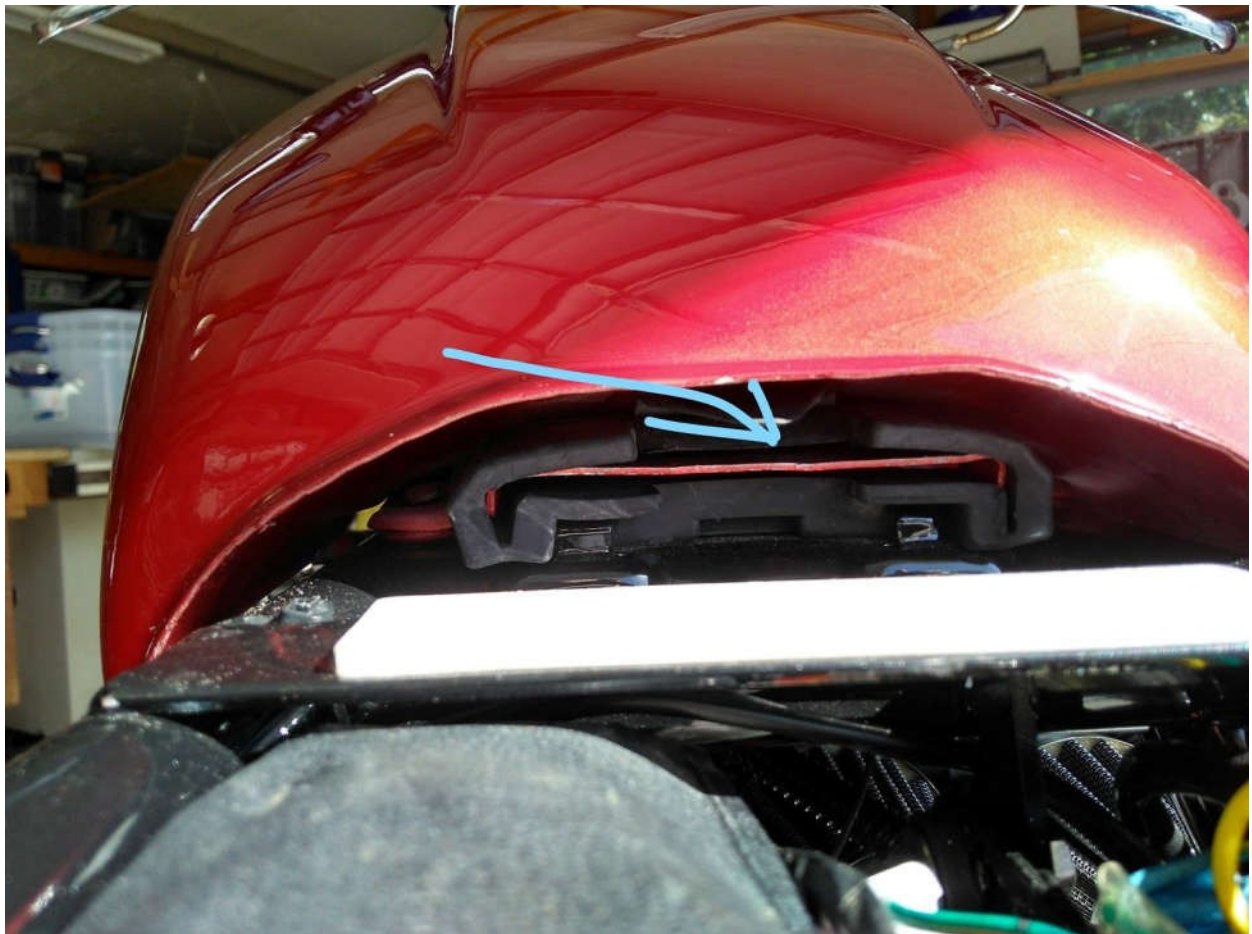
## Installation Instructions - CB-71513/ACS-31514 Dual Coil Assembly

Note, the right side of the motorcycle is on the right as you are sitting on it.  
Number one cylinder is on the left and number 4 cylinder is on the right

1. Turn the fuel valve to the off position then disconnect the fuel line from the fuel valve.



2. Unlock and lift the seat to expose the rear gas tank rubber mount. Pull the upper tab on the rear gas tank rubber mount in a rearward direction to release it. Then pull the gas tank slightly to the rear and up to remove it.



3. Disconnect the spark plug wires from the spark plugs.

4. Remove wire connections between the existing coil and the wiring harness. Take note of the coil placement relative to which side of the frame the front and rear coil mounts are attached. The front mount should be on the left side of the frame and the rear mount should be on the right side of the rear mount bracket

5. Disconnect the existing coil harness wires including the blue, yellow and the two black with a white stripe wires. The green wire attached to the front coil mount bolt is a frame ground and not included on all models.

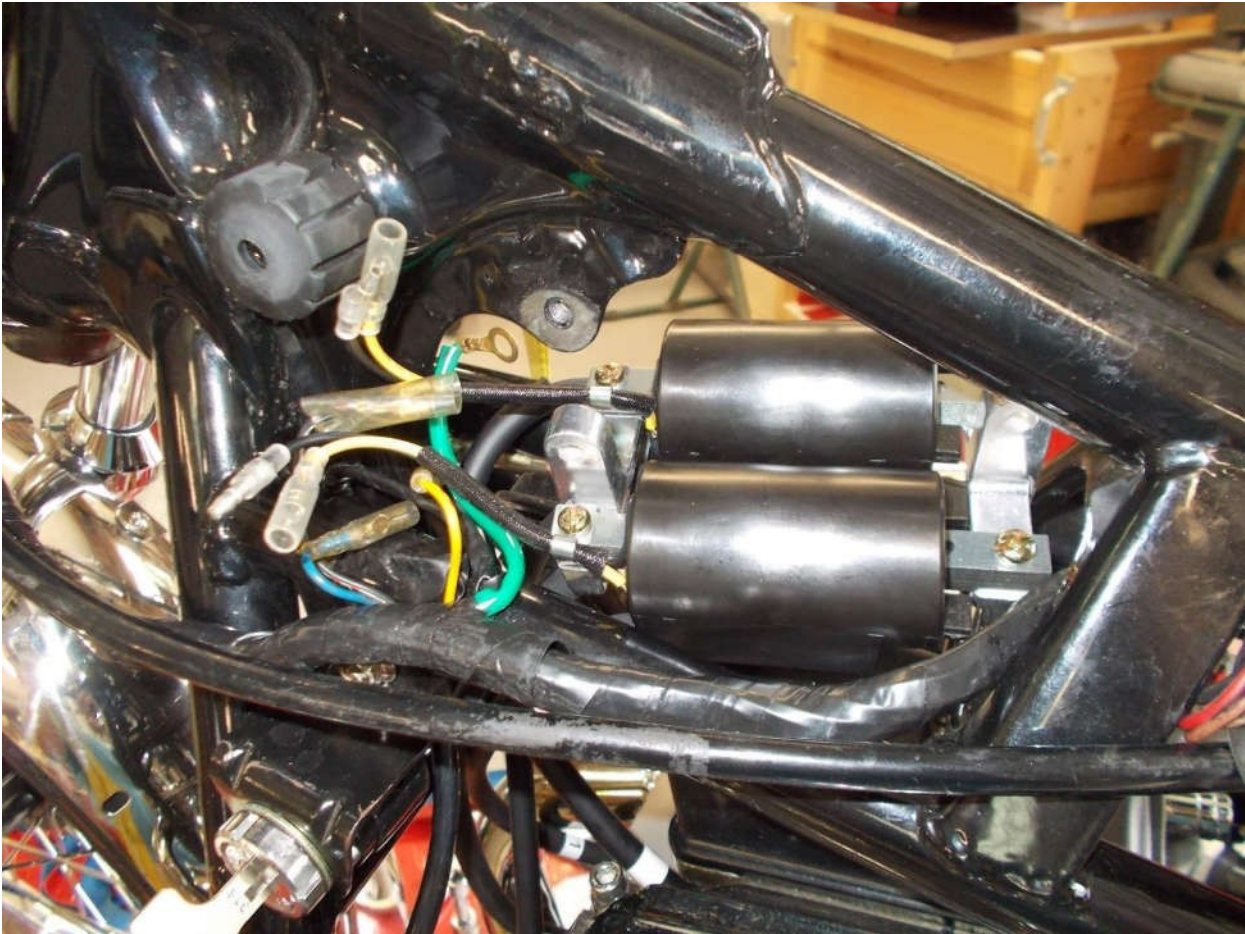
6. Remove the 2 10mm coil attaching bolts and remove the existing coil assembly.



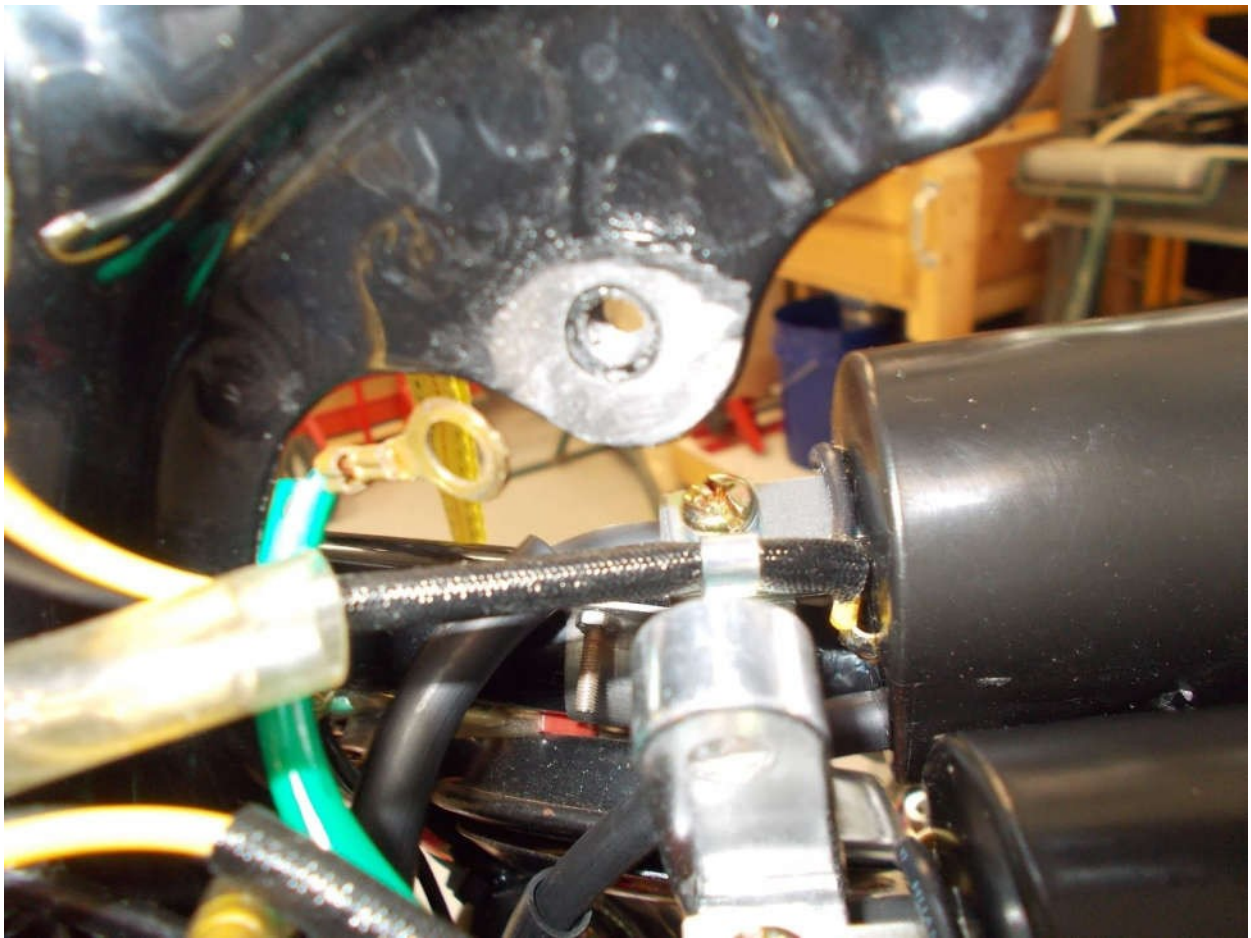
7. Begin installation of the new coil assembly. Start from the right side being careful to feed the spark plug wires down through the frame rails in the direction of the spark plugs.



8. Maneuver the coil assembly into place as shown



9. Be sure to clean the paint from the frame where the front coil bracket attaches to the frame, some models use this for a grounding point.

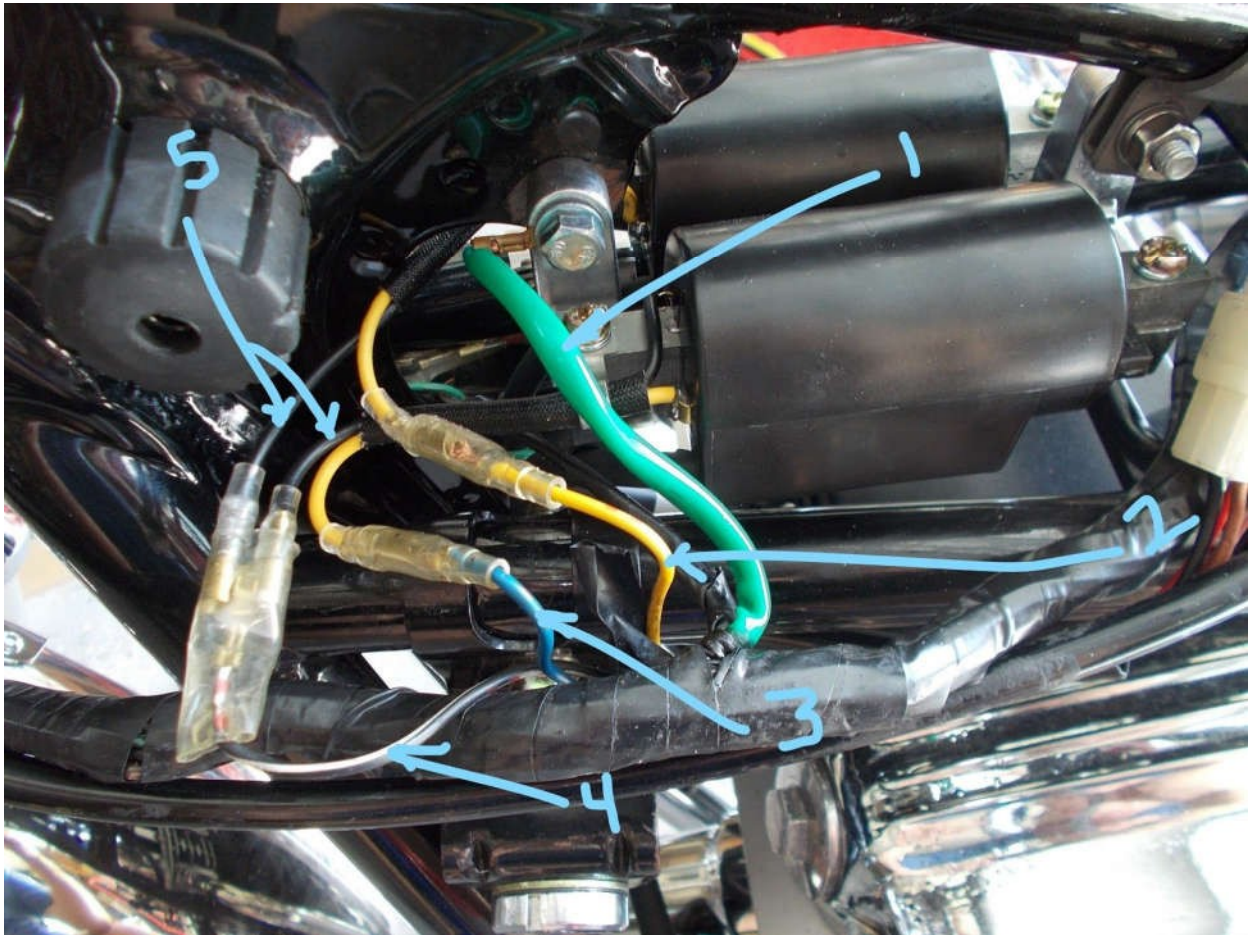


10. Slide the green frame ground wire 1, onto the front mounting bolt (outside of the coil bracket) if your model is so equipped.

11. Loosely install the front mounting bolt through the coil mount and install on the right side of the frame. Then install the rear mounting bracket on the right side of the coil mount. Install the rear mounting bolt and then tighten both.

12. Connect the blue and yellow wires from the coils to the blue and yellow wires from the harness 2 and 3

13. Connect the two solid black wires 5 from the new coils to the black with a white stripe harness wire (This one has a dual connector)



- 1 Green wire, (chassis ground), not all models have this.
- 2 Yellow coil and yellow harness (points)
- 3 Blue coil and blue harness wires (points)
- 4 Black with white stripe harness wire with a dual connector (coil power)
- 5 Solid Black wires ( coils)

Coils mounted in place, front bracket on the left side of the frame and the rear coil mount on the right side of the frame bracket.

14. Position the spark plug wires starting with the #1 one wire on the left. Then from left to right #2,#3 and #4 on the outside right. You may want to adjust the wire length for your application.

15. Install the spark plug caps by screwing them in clockwise motion until seated. Careful not to go to far as you could strip them out. The angled spark plug caps are on the outside cylinders (#1 and #4) The straight spark plug caps are on the 2 center cylinders (#2 and #3)

16. Reattach spark plug wires to the spark plugs.

17. Install the gas tank and fuel line.