

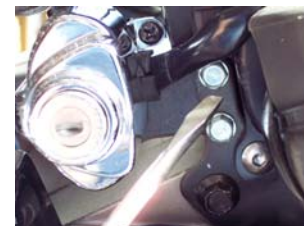
# Keyless Ignition Switch Installation instructions For The Honda VTX 1300

1. Remove the seat from the motorcycle.
2. Lift the ignition module off of the battery cover and let it drape over the side of the motorcycle.
3. Remove the battery cover and disconnect the negative battery cable.
4. Remove the gas tank and set it aside. There is a vent line at the right rear of the tank, a vacuum line and the gas feed line on the left side of the tank at the petcock, and two speedometer connectors at the left front of the gas tank.

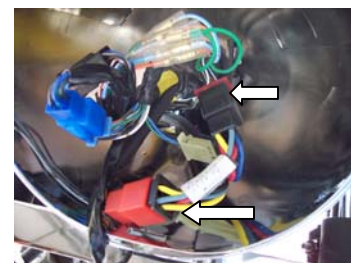
5. Remove the clip from the top of the steering head cover and remove the right hand side cover. See picture at right.
6. Remove the headlight to expose the wiring connectors inside the headlight shell.



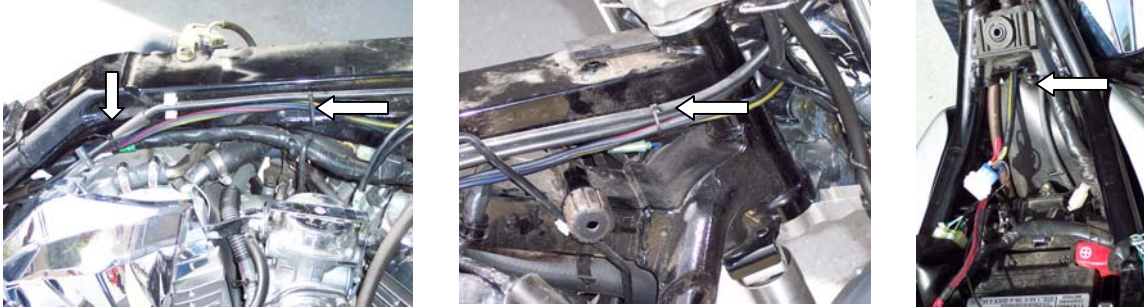
7. Remove the left-hand side cover. On the left side of the frame is an electrical wire shroud wire tied to the left side of the frame with a reusable wire tie. Inside this cover is the 3-pin connector that connects the ignition switch to the bike's wiring harness. Pull the small lever back to release the wire tie and remove the wire tie. Pull back the wire shroud to reveal the wire connectors inside. Disconnect the 3-pin connector that comes from the ignition switch. Remove the two bolts holding the ignition switch to the bike's frame. See Picture at right. Remove the ignition switch from the bike. You may have to remove the connector body from the ignition switch wires to slide the wires through the frame when removing the ignition switch. You may now reinstall the side cover.



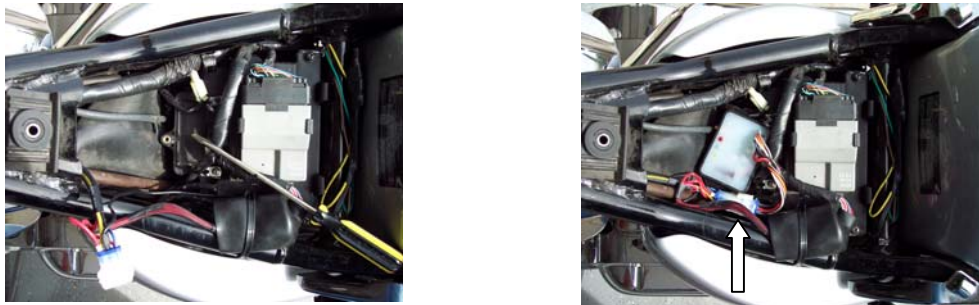
8. Lay the new wiring harness along the backbone of the bike with the two 9-pin connectors at the headlight and the 6-pin and 3-pin connectors at the battery. Insert the two 9-pin connectors through the large hole in the back of the headlight shell. Inside the headlight shell is a red 9-pin connector. Disconnect this red 9-pin connector and insert the new wiring harness connecting each side to the red 9-pin connectors. See picture at right.



- Run the new wiring harness along the right bottom side of the motorcycle back bone. There is a metal brake line that runs along there that the new wiring harness can be wire tied to with the included black wire ties. Thread the back end of the wiring harness underneath the “Y” in the frame at the rear end of the motorcycle’s back bone. See pictures below.

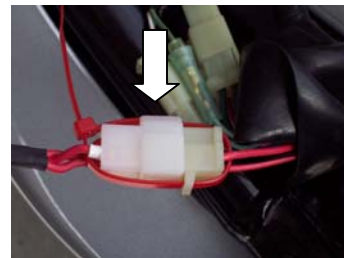


- Reinstall the head light, the steering head cover and the fuel tank.
- There is a pocket in front of the battery that will hold the Wireless Ignition Module. Set the Wireless Ignition Module in this pocket with the antenna connector facing to the front of

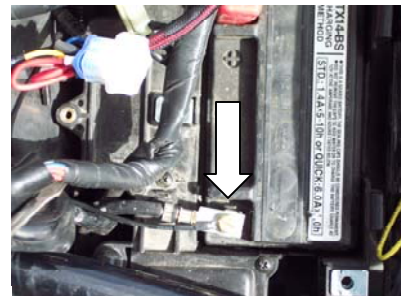


the bike. Connect the 6-pin connector of the new wiring harness to the Wireless Ignition Module. Make sure that the locks on the side of the connector click closed.

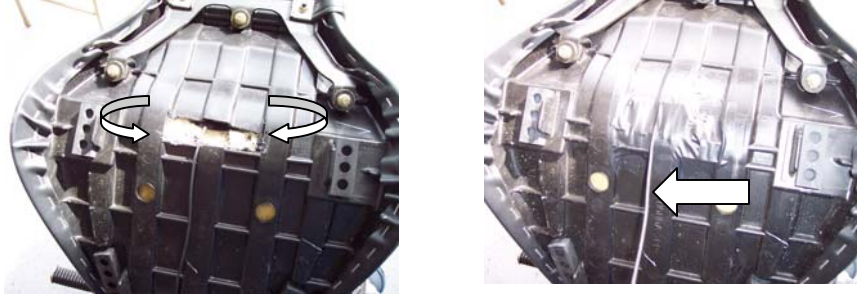
- Connect the 3-pin connector to the 3-pin ignition wire connector. Use the red wire tie that comes with the kit to secure closed. See picture at right for the position of the wire tie. There are two loops that the wire tie should be threaded through and the wire tie should be inserted between the wires as shown. Pull down the wire shroud and re-wire tie to the frame with the original wire tie.



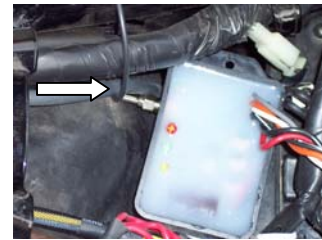
- Connect the ring connector on the black wire along with the negative battery cable to the negative terminal of the battery. Replace the battery cover. Replace the ignition module in the clips on top of the battery cover.



14. Install the antenna into the seat. (See ARSE – Keyless Ignition switch Installation and Troubleshooting Guide) On the Honda VTX 1300C stock seat the seat pan is plastic. Cut a slot as shown with a Dremel tool. Then with a sharp knife carefully make a slit in the foam to insert the antenna. Slide the antenna into the slit and cover the hole with electrical or duct tape. Leave the antenna wire draped out of the hole. See pictures below.



15. Connect the antenna wire to the Wireless Ignition Module and coil the excess on top of the Wireless Ignition Module. The Wireless Ignition Module does not need to be attached to the bike. There is a tight enough fit in the pocket to keep it in place under normal riding conditions. Reinstall the seat. See picture at right for location of antenna connection.



16. With the bike in neutral, place one of the cards on the seat above the antenna, turn the kill switch to the old off position and push the starter button. The running lights should come on and after a few seconds the bike will start. There is a delay built into the starting circuit so that on fuel injected bikes the fuel pump will have time to pressure up the system before starting. This does not apply to the VTX1300 but the delay is still there. The kill switch will now operate in reverse since now the switch needs to make the connection to stop the motor.
17. Congratulations, the install is now done and you are ready to enjoy your new Keyless Ignition Switch. Please fill out the owners registration sheet and send to BulletProof Electronics, Inc. Additional or replacement cards are available for purchase to registered owners.