

Honda VTX Speedometer Faceplate Replacement

VTX 1300 R, S, C, T; VTX 1800 R, S, T, N

1) Disconnect speedometer wiring assembly (tank remains on bike)

a. Remove rubber housing (simply pull or work back) – Right side, front, underneath tank.

**This step may be easier if you remove the chrome “valve cover” from this side



b. Disconnect two (2) small green connectors. Use small (eyeglasses sized) screwdriver to release catch



c. Work wiring harness out behind tank support, bend flexible tab/finger on underside of tank

2) Remove three (3) screws holding chrome speedometer assembly (lower three – closest to rider).



Remove gas cap, lift rear of assembly up over gas neck and then entire assembly forward.

Replace gas cap.

3) Moving to work bench, remove remaining four (4) screws holding speedometer assembly to chrome housing.

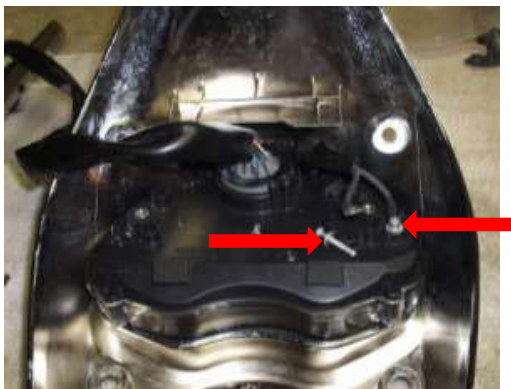
3a) On VTX 1800's there are 5 screws. The 4 indicated, as well as an additional screw on the front center of the chrome housing



4) Remove two (2) short silver screws – separate speedometer assembly from bracket.



5) Remove two (2) long thin silver screws – reset switch wires



6) Remove speedometer assembly from chrome housing.

7) Remove four (4) black screws with white washers from speedometer assembly front cover.



10) Remove front cover and set aside. (Place in a non-abrasive area such as on a towel)

12) Use a something with (at least) 2 prongs (fine point tweezers, kitchen fork, needle nose pliers) and slide the prongs gently under each side of the needle base. Check to make sure that you are touching the base, not the actual needle part. (this image is from a VTX1800C, but still gives you the idea)



13) Gently pry up on the needle with even force. This step may take a little time and patience, but the needle will come off. IF you happen to separate the needle from the base, DO NOT PANIC. These two parts are easily glued back together, and they only fit together one way.

13) Remove two (2) small black screws from the front of the faceplate

14) Lift the faceplate off of the plastic base (there is adhesive but it is light)

16) Carefully remove the zero pin from the old faceplate. Be sure to hold onto this as you are removing it, it is a small piece and can be lost easily – use a pair of tweezers or needle nose pliers to squeeze the back side of the pin together, allowing it to release from the faceplate.

17) Install the zero pin onto the new faceplate

15) Install new faceplate onto the base and re-install two (2) small black screws into the front of the faceplate

16) Re-install the needle:

a) VTX1300 – re-install the needle with the back (short end) pointing at 101mph (93 if you have a corrected speed gauge face), then turn the needle clockwise and gently lift it up over the zero pin and let it rest back onto the pin.

b1) VTX1800 – plug the green connectors on the speedometer back into the green connectors on the bike – DO NOT fully connect them as you will be removing them again.

b2) turn the key on and wait 10 seconds before re-installing the needle at zero, resting gently on the zero pin

b3) turn the key off and wait 10 seconds before turning it back on. Observe the needle to make sure it rests gently on the zero pin. If it is not on the pin, remove the needle (steps 12-13) and repeat step 16(b2). Do this until the needle rests gently on the zero pin and not above it.

17) Re-install clear speedometer assembly front cover along with 4 black screws and white washers

18) Re-attach reset button wires using the 2 long silver screws and re-install speedo bracket onto speedo assembly

19) Re-install speedo assembly and bracket into the chrome tank housing and attach using the 4 hex head screws

20) Remove gas cap and re-install complete speedo assembly and chrome housing onto the tank, re-routing wires properly. Plug in green connectors and replace all removed parts (chrome valve cover, gas cap, etc)

21) Test ride and enjoy

If you have questions, please feel free to contact me.

Thanks

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