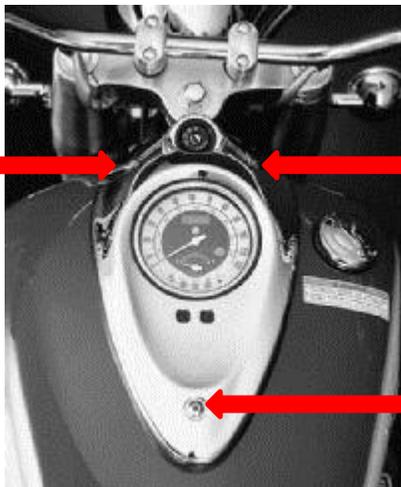


Yamaha Roadstar Speedometer Faceplate Replacement



- 1) Remove the 3 bolts that hold the Chrome housing to the tank



- b. Carefully disconnect the speedometer wiring harness from the main wiring harness and remove the complete assembly. Take the complete assembly to a work bench or suitable work surface and place it on a towel to prevent scratches (not your garage floor as pictured here).



- 2) Place the assembly on the towel face down and remove the 3 screws holding the speedometer assembly to the chrome housing. Then remove the speedometer assembly from the chrome housing.

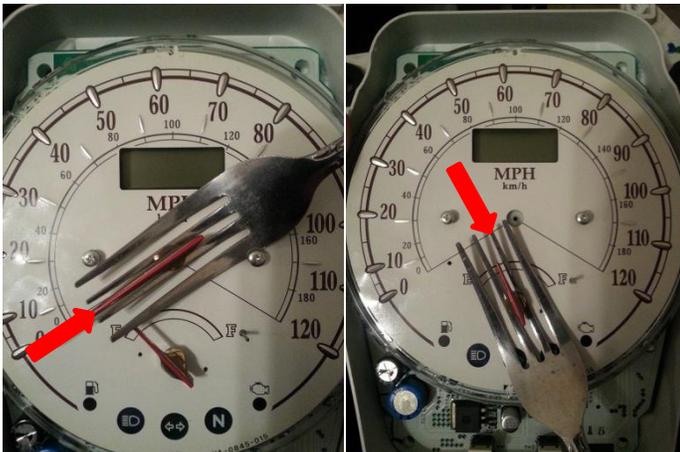


- 3) Remove the 4 screws that hold the front cover (black piece, chrome ring and clear cover do not come apart). Set the front cover to the side.

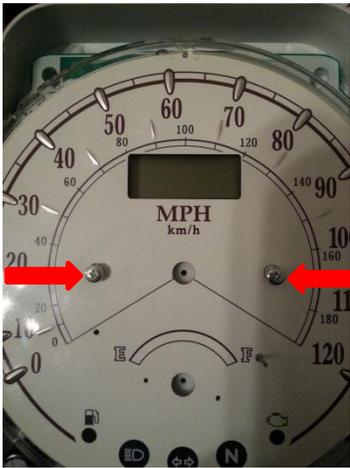


DO NOT TOUCH the inside of the glass

- 4) Once you have the speedometer faceplate exposed, use a kitchen fork or another tool with a minimum of 2 prongs (tweezers, needle nose pliers, fork, etc) and get underneath the speedo needle. I would recommend the fork, as it gives even leverage and is thinner and easier to get under the needle. Line the needle up with the open space between the prongs so that you do not put pressure on it. Do the same thing for the gas gauge needle. ** take note of where the gas needle is pointing, as you will need to place it back in this spot during install



- 5) Remove the 2 screws holding the speedometer face down.



- 6) Use a pair of pliers (needle nose work best) and place the nose of the pliers on the back side of one of the pins that stick out of the faceplate (there are 4 of them).



- 7) Placing your hand on the other side of the faceplate, directly under the pin you are working on, use the pliers to push the pin so that the back of it is flush with the back of the faceplate.
- 8) Turn the faceplate over and place the needle nose pliers on the base of the pin you were working on, which should now be up away from the faceplate. There is a round base on them that is larger than the rest of the pin, it is best to get the pliers on this base to pull. Once you have the pliers on the pin, pull it the rest of the way out of the faceplate.



9) Repeat steps 6 – 8 with the remaining 3 pins

10) Get your new Faceplate and the pins you just removed. Place the pin in the needle nose pliers as shown below.



11) Place your hand behind the faceplate, directly underneath the pin you are working on. Push the pins, 1 by 1, into the holes on the new faceplate. The pins fit very tight in the holes, so some force is required. You will feel a slight pop when it snaps into place.



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

13) To re-install the needle:

Take the speedometer back to the bike and plug the wiring harness back into the speedometer – DO NOT fully connect it as you will be removing it again.

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

b) 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 6-7) and repeat step 13a. Do this until the needle rests gently on the zero pin and not above it.

c) Place the gas needle back in the spot marked during removal (this may be easiest on a completely full or completely empty tank)

14) Replace the front cover and the 4 screws that secure it. Place the speedo assembly back into the chrome housing and replace the 3 screws that hold it on. Reconnect the wiring harness to the bike and place the chrome housing on the tank, re-installing the 3 bolts that hold it in place.

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

Thanks

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