

## 2001 Suzuki GSX-R 600 - HealTech Speedo Healer V4.0 installation

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1. Carefully remove all the bolts ( using an Allen Key ) that hold the lower fairings to the body. I removed them from both left and right fairings as it was difficult to undo the 3 bolts joining the 2 halves at the very bottom ( underside ). Let the fairings rest down on a soft rag ( still joined at the bottom ).



2. Remove seat, and also seat cowl or pillion seat. You can also remove the pillion surround bolts to allow easy movement of the pillion surround ( for when you want to thread the wires through ).



3. Undo the 2 bolts ( using Allen Key ) that hold the front of the petrol tank down, and then gently lift the tank upwards from the front. It hinges upwards from the front. Place a 100mm softwood block under the front end of the tank to hold it up. This allows access to route the cables along the inside of the frame and along the left side of the battery to the rear storage compartment. With the tank raised, you can get your hand the gap to help feed the wires through.



4. Locate the wire coming from the speedo sensor to the black connector ( just in front of the coolant overflow tank ). Carefully pull the black connector apart. Run the SH-S01 cable up behind frame and along left side of battery up to the left side of the rear luggage compartment. ( Also run the optional Top Speed Recall button cable along the same route. ) Plug the black connectors on the SH-S01 harness into the separated side of the bike's black speed sensor cable connector. Press in tightly.



5. Use cable ties and electrical tape to secure the SH-S01 harness ( and the optional Top Speed Recall button and wire ). I chose to locate the SpeedoHealer V 4.0 on the left inside of the storage compartment on a vertical flat piece of the black plastic. Plug in the 4 pin white SH-S01 harness connector, and the optional 2 pin white Speed Recall connector, to the corresponding connectors on the SpeedoHealer. Use the stick-on Velcro tabs to fasten the SpeedoHealer securely. Make sure you can see the LED display and can access the red SEL & SET buttons.



6. I recommend installing the Top Speed Recall button and harness, even if you don't connect it to the SpeedoHealer. At least it is in place if you ever decide to use this feature. Route the Top Speed Button cable along the Clutch cable ( fasten with electric tape ), and then choose a mounting position on the fixed frame that supports the headlight assembly and gauges cluster.



**See small red switch in centre of picture. I fastened it with a cable tie.**



- 7. Carefully replace the fairings, seat and pillion seat surround fairing. Fasten down the petrol tank at the front. Ensure radiator stone guard is properly in place.**
- 8. You are now ready to program the SpeedoHealer. Follow the easy step by step instructions that are supplied with your SpeedoHealer.**

**I already had used a GPS to work out that at a true speed of 100km/h my speedo was reading 113km/h. Using the online calculator on the SpeedoHealer website it advised that I needed to program the SpeedoHealer to minus 11.3.**

**This was easy to do. Turn ignition on. Press and hold both the Red SEL and SET buttons until "L" is displayed on the LED. It was then a simple process of first pressing SEL to select the "-" ( minus sign ) using SET button, press then press SEL again and use SET button to select 1, then SEL , select 1 again with SET, then SEL, then press SET several times to get 3, and then just leave it. It was that easy!**

**I went out on the road and did extensive testing with my GPS, and at speeds of 50, 60, 70, 80, 90, 100 and 110km/h the bike's speedo was reading correctly ( same as GPS ).**

**The Top Speed Recall button worked ok as well when I got home. If you press it with your ignition on, it will briefly make your speedo display your last recorded top speed. To reset this, just hold the little red button for a few seconds and it will clear the top speed memory.**

**HAVE FUN! I hope these installation tips have been of some help, but of course, I take no responsibility if you somehow get your installation wrong. THANKS to HealTech, for a fantastic product!**