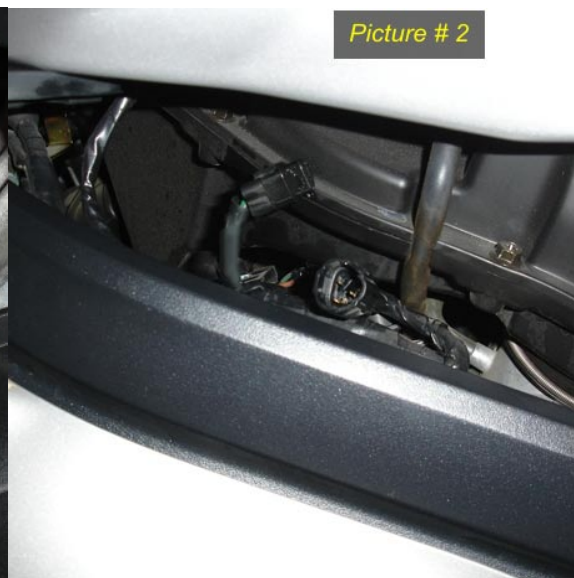
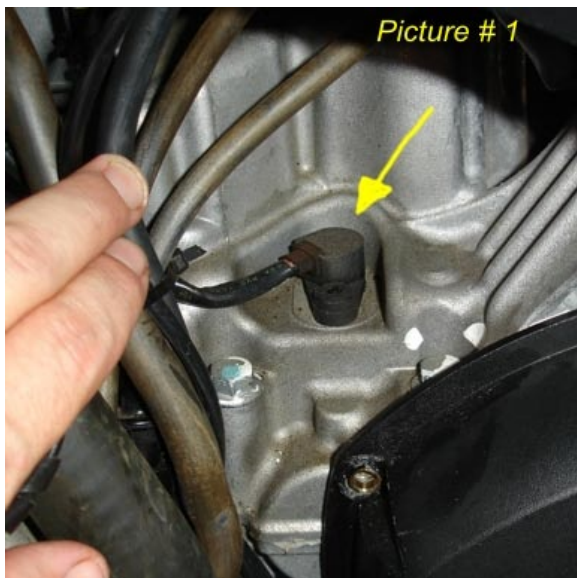


Instructions for Installing Speedo Healer on a 2006 Triumph Sprint ST 1050



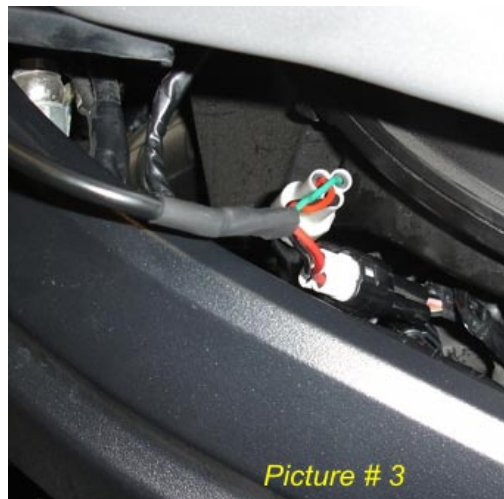
Step #1 – Read all of the documentation that comes with your Speedo Healer! I suggest familiarizing yourself with how the unit is programmed and operated.

Step #2 – Locate your speed sensor on the bike. As you can see from picture #1, it is located on the engine/transmission located just above, and inboard of the front sprocket cover. You need to chase the wire routing to find the connector. I found my connector *under* the fuel tank on the left side just inside the frame rail next to the airbox. (See picture #2) To get to it you'll need to lift the tank up a few inches.



Note on lifting the tank: You'll need to be careful lifting the tank, as there are a couple of vent lines on the underside and on the right that like to pop off. Make sure to connect these back when you lower the tank. Also, the main fuel line coming out of the tank is plastic and has a tendency to break! Be very careful of this, a broken plastic bit is very expensive and will ruin your day! Also, I used duct tape rolls as "Jackstands" to hold the tank up a few inches. You can use anything that is stiff enough and won't mar your paint. Doing this allows you to get to the connector without completely removing the tank.

Step #3 – Connect the Speedo Healer! (See picture #3) Make sure you have found the correct connector, as there are two connectors very close to each other that are the same type and pin count. I connected my Speedo Healer to the wrong one the first time. (The Speedo Healer won't power up if you connect it to the wrong one.) The connector wires leading to the speed sensor on my bike were colored orange w/red stripe, black w/white stripe and pink. Yours should be the same colors on a 2006.

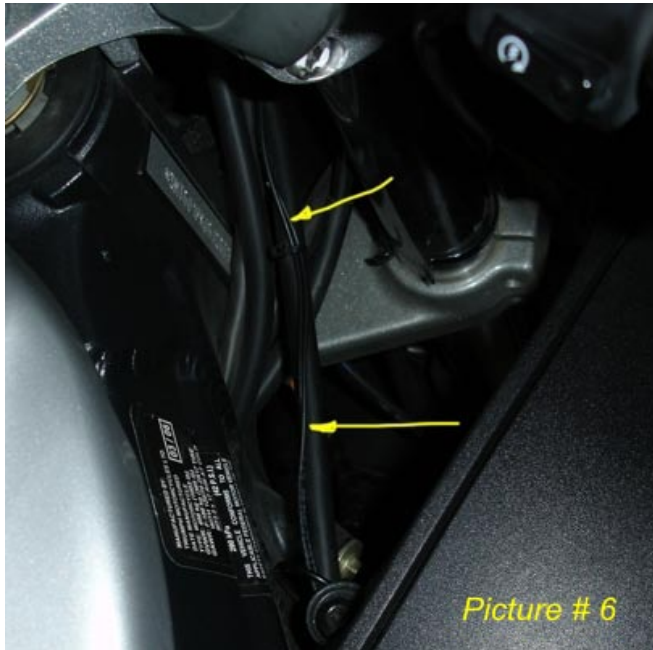


This would be a good time to follow the instructions that came with your unit to verify that it is working.

Step #4 - Mount your Speed Healer. Deciding where to put the unit took me a while, until I realized that there is enough room in the glove box. *This is where I mounted it, but you can mount it anywhere you want.* To mount it in the same location, you'll need to remove your right side fairing in order to give you plenty of room to get to your wires and to drill a hole in the glove box. I routed my wires under the front of the tank to the area just in front of the relays. As you can see from picture #4, I drilled a hole (be careful!) big enough to run the two wires that connect to the Speed Healer. The hole needs to be big enough to accommodate the bigger of the two connectors. I used a rubber grommet to seal the hole around the wires. In picture #5 you can see where I mounted the unit itself. This location keeps the unit out of the elements, away from the engine heat and still allows you to access it to read the display or use the buttons on the unit.



Step #5 (Optional) – If you would like to use the “Top Speed” function of your Speedo Heater you will need to have access to the button that connects to the unit. I decided that I wanted to get to this button easily, so I mounted it right next to my throttle. Picture #6 shows how I tie wrapped the remote button wire to one of the cables running to my throttle. Picture #7 shows how I wedged the wire in between the throttle assembly and the brake lever mount. I know this isn’t very professional, but it works for me. As suggested in the instructions, you can use any normally open, momentary switch in place of the one supplied. Of course you will have to do some crimping or soldering to accomplish this.



Picture # 6



Picture # 7

Step #6 – Follow the instructions supplied to program and operate the unit. Enjoy!

James F. Las Vegas, NV