



Motorcycle Mounting Info for SIGMA BC 1609 Speedometer (#2151)

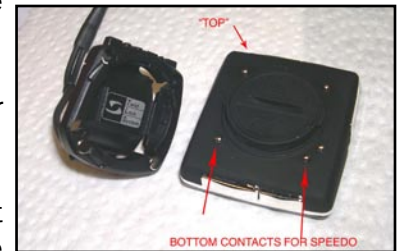
Mounting instructions and photos shared by Douglas Howard, who mounted the SIGMA Speedo to his 1981 Suzuki GS 850G. Thanks Douglas!

This is basic info on adapting the SIGMA BC 1609 to motorcycle use. Mounting specifics are left to you although a few tips are given at the end. The diagrams in the included literature may show a speedo unit pre-wired at the factory. If this is the case then the bulk of the below info doesn't apply. However, if the BC1609 unit has no wires going into it then you have to set up the wiring by fitting two leads from a pickup into the mounting base as shown in the mounting instructions for the CADENCE operation.

1. The unit, as packaged, has 2 (two) wired pickup units. They are as IDENTICAL as they appear. One was intended for SPEEDOMETER function and the other for the CADANCE function on bicycles. If you want to also use the 1609 on a bicycle you can obtain a second mounting bracket and use the SECOND BIKE function.

2. The ends of the pickup wires have silver colored metal tips. It does NOT matter which side (Left or Right) they are fitted to on the mounting bracket.

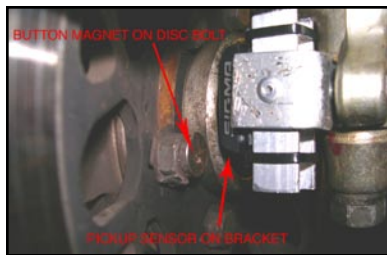
3. The TOP of the SIGMA unit and mounting base have the silver 'SIGMA' cast on them. The TOP contacts on the unit are for the CADENCE FUNCTION in bicycle use (or if your motorcycle has pedals J). For SPEEDO FUNCTION the pickup wires have to engage the BOTTOM CONTACTS. Again LEFT or RIGHT position of the wire's contacts is NOT important BUT TOP & BOTTOM IS.



4. The unit also comes with 2 (Two) magnetic 'triggers'. The smaller of the two clips onto the skinny spokes of a bicycle. The black plastic wedge shaped magnet is intended to set up on a bicycle crank for the cadence function. It is likely that you will find the plastic magnet more suitable to mount on your motorcycle wheel.



Alternately, you can use pretty much any small magnet that you can mount, with the required 5mm maximum air gap, on your wheel. You can test an alternative magnet by hooking one of the pickup sensors to the CADENCE position on the bracket & clicking the BC1609 unit into place. If you pass the magnet you are testing slowly across the pickup about 5mm apart you should see a reading. If so, the magnet is suitable.



You will also see the larger, black magnet pulls apart so, if spacing is tight, you can use it as a smaller, lower profile piece. Either way there is a sticky tape mount or use of the supplied nylon tie can be chosen.

5. If you place the magnet further to the outside of the wheel it is likely it will need re-balancing. I chose to use a small but strong button magnet on one of the steel mounting bolts for the brake rotor. That kept the added weight very close to the wheel's axle where it has the least effect. This magnet will then be permanently secured with an appropriate adhesive.



A threaded tab on the lower fork leg allowed me to attach a small, handmade aluminum bracket to hold the pickup sensor in place. Each application will present its own set of problems & challenges in setting up the best mounting. Good luck, hope this helps you make the job go smoother.



Questions? Call 800 222 1994 or Email <products@aerostich.com>. Thanks again and good riding!