



Tech Tips

[Home](#)

[Products](#)

[Manuals](#)

[Race sheets](#)

[Tech tips](#)

[What's new](#)

[Contact us](#)

[Other links](#)

Please follow these simple steps during installation to eliminate any potential for problems with your sensor assembly. The key to absolute reliability is to properly secure the two ends of the wire assembly as follows.

First, always leave a small loop in the wire down at the sensor, as shown.

DO NOT pull the wire to a hard 90 out of the sensor housing.

Always leave a small loop coming out of the sensor

DO NOT force the wire to a hard 90

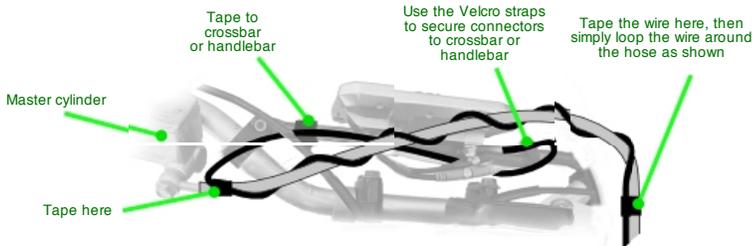
Next, run the wire up the brake hose on the tire side, where there's less chance of being snagged by trail gremlins.

Wire shown in grey

Tape the wire every 6 inches, or tape continuously up the entire brake hose.

DO NOT branch off from the top of the brake hose as shown at the right. The wire and connectors gets bounced around every time you hit a bump, probably thousands of times each ride.

ALWAYS run the wire up to the beginning of the bend at the top, tape the wire there, then loop the wire around the hose as shown. This allows the wire to float while the hose is flexing. Tape at the master cylinder, then continue up the crossbar or handlebar as shown. Use the Velcro straps to secure the connectors.



More tips:

Why is the sensor wire installation more critical than the installation of the other wires on a bike?
The sensor wires move up and down with every bump, while all the other wires simply hang around under the gas tank. Therefore a few precautions have to be taken to reduce the amount of movement by the wires and to eliminate any chance of trouble.

Zip-ties

They can cut any wires if tightly pulled, PARTICULARLY those which are moving around a lot. If you use any be sure NOT to gonilla them down.

Connectors

A few riders have reported some loosening during a ride, probably caused by allowing them to flop around. If you do have any problems with this then wrap some tape around them before a ride.

Wires rubbing

We haven't seen any problems with this. The outer jacket on the wires is a special abrasive-resistant material, but still keep an eye out for rub marks. We use yellow insulation on the inner wires so bare spots in the jacket will be easy to spot.