

Monit Speed Sensor Selection Guide

All Monit rally computers measure distances and speeds by counting the number of pulses received from a vehicle speed sensor. Because every vehicle is different, it can sometimes be difficult to determine the best way to obtain such a signal. This guide is designed to help you with this.

The three main options for obtaining a signal are listed below. If you are unsure which is the best option for your vehicle, please don't hesitate to contact us directly at our website www.monitrally.com.

Electronic Speedometer:

Many modern vehicles already have an electronic speed sensor mounted on their gearboxes. If this sensor produces a digital signal, it can usually be connected directly to the Monit without the need for any interface box. The best way to find out if your vehicle has such a sensor is to consult its workshop manual, or talk to your local automotive electrician.

Please note that ABS wheel speed sensors cannot be used with the Monit trip meters. These types of sensors produce a very sensitive high frequency signal, and are not compatible. Trying to connect one to the Monit could seriously affect the operation of your vehicle's ABS and/or traction control system.

Monit Wheel Probe:

If you have a vehicle that does not have a factory speed sensor, you will need to fit an inductive wheel probe to obtain a speed signal. This type of sensor is mounted on the wheel hub or near a drive shaft, and 'detects' metal protrusions, such as bolt heads, as they rotate past. You will typically have to fabricate a custom bracket to fit them into your vehicle. If you have some experience in metal fabrication, it is reasonably easy to install one of these sensors, otherwise we recommend you employ the services of your local automotive electrician.

Other Probe Types:

If you've previously had another brand of tripmeter installed in your vehicle, you should be able to use your existing speed sensor and wiring to drive the Monit directly. In most cases, this is a very simple installation to perform, but please contact us with details of your previous setup for detailed instructions.