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## VSS-VANAGON

### Square Wave Vehicle Speed Sensor for Vanagon

The GoWesty vehicle speed sensor (VSS) is a hall effect sensor, which produces a square wave signal. This VSS can be used with any application requiring a square wave VSS signal.

#### To Replace Factory Cruise Control VSS:

The factory VSS is a 2-wire speed sensor, while the GoWesty VSS is a 3-wire design. This means that you will have to connect the red wire from the GW VSS to a "key on" 12V source (Circuit 15 or X). The black wire from the new VSS should be connected to the brown wire (ground) on the factory harness. The gray wire from the GW VSS should be connected to the white/blue wire (signal) on the factory harness.

*Note: Your speedometer **must** have the snap-on style speedometer cable with a VSS provision cut out in order to use this sensor. If your speedometer has a screw-on speedometer cable, you do not have a provision for the VSS (vehicle speed sensor).*

**ENGINE CONVERSION NOTE:** *These instructions are for replacing the VSS on the factory cruise control only. If you are using this VSS for an engine conversion (engine type other than original VW), the VSS should be wired according to your particular engine conversion's VSS wiring diagram (Typically all wires will go to the ECU). After wiring the VSS properly, the white/blue factory cruise control wire may be tapped into the Grey VSS wire to maintain the factory cruise control if desired.*

Red=12V+  
Black=Ground  
Grey=Signal



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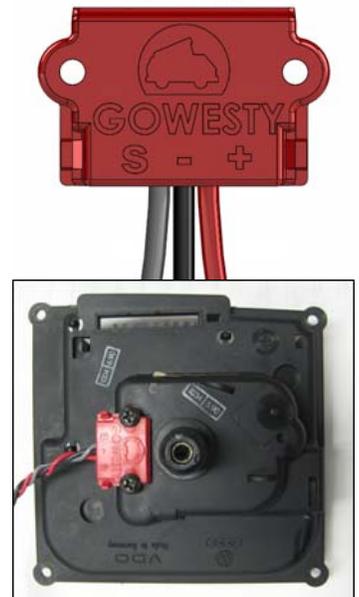
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