

# Manual - GPS Speed Sensor



**Signal connection:** Use blue 4pin SP/TA Wire (supplied with Multigauge)  
Connect green speed wire to green GPS signal output wire.  
GPS Controller Requires Red wire to be powered with 12v (+) positive connection. (Fused).  
Black wire connected to quality ground or 12v (-) negative power source.



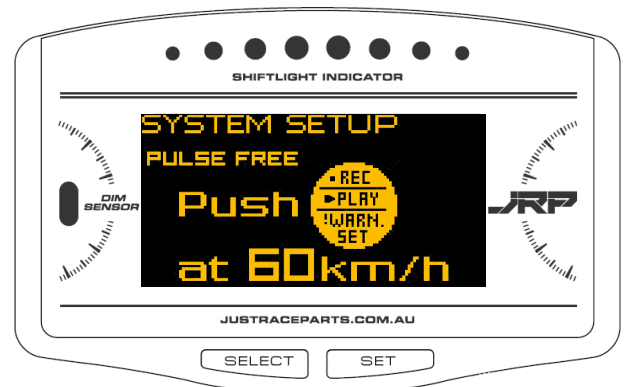
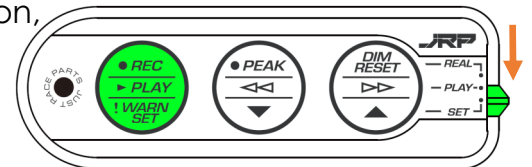
## → Speed Setup

For GPS Speed Input you can use 2x different methods. "Method A" with "Pulse Free." This calibration method will require another accurate speedo to use as calibration reference. (2 people may be required to make this safe).

"Method B" Where the GPS Speed sender is calibrated to display correct speed on gauge. (Recommended method) - Also can be integrated with Non JRP Products.

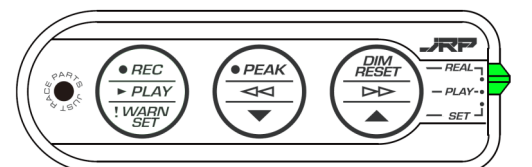
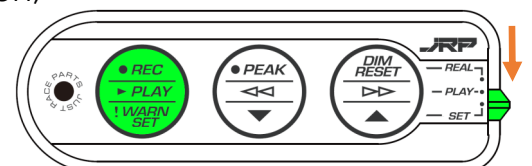
### 🔧 Method A - Pulse Free

1. Using hand controller slide switch to the **"SET"** Position, Press and hold **"! WARN SET"** for 3 Sec. This will display: SYSTEM SETUP menu.
2. Navigate to SPEED PULSES using ▲ or ▼ Press **"! WARN SET."** Using ▲ or ▼ Navigate to Free. Make selection with **"! WARN SET."**
3. Select NEW VALUE  
Using "GPS Maps" on a Smart phone as reference drive vehicle to a constant 60km/h or 40MPH.
4. Push **"! WARN SET"** when traveling at that speed to set pulse rate.
5. Move side switch back to **"REAL"** settings will be saved.



### 🔧 Method B - Calibrate GPS Module To Display Unit

1. Using hand controller slide switch to the **"SET"** Position, Press and hold **"! WARN SET"** for 3 Sec. This will display: SYSTEM SETUP menu.
2. Navigate to SPEED PULSES using ▲ or ▼ Press **"! WARN SET."** Using ▲ or ▼ Navigate to "8." Make selection with **"! WARN SET."**
3. Move side switch back to **"REAL"** settings will be saved.

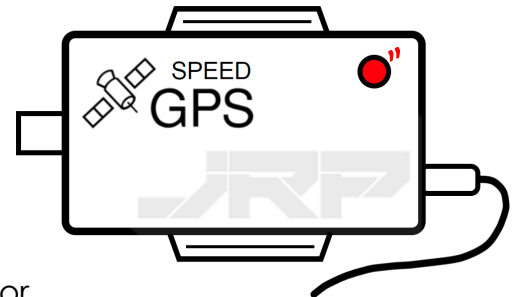


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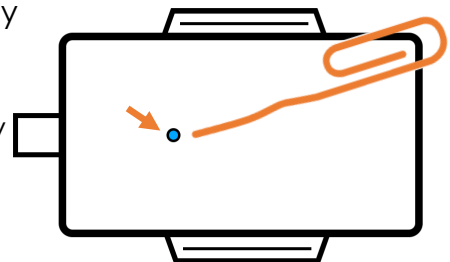


## Method B - Calibrate GPS Module To Display Unit - Cont...

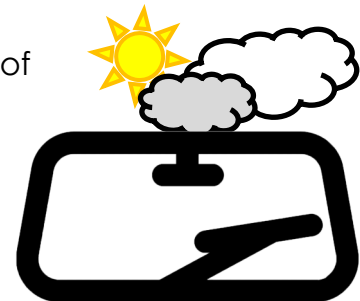
4. Ensure that there is stable power supplied to the GPS Control Module. GPS Antenna MUST BE disconnected during setup.
5. There should be slow red flash visible on GPS Control Module. Confirming there is no satellite signal detected. Speed display device should read Zero.
6. Flip the GPS Control Module. Next, using a fine point or paperclip, Press and hold button on base to enter calibration configuration mode. Speed should display on gauge Display.



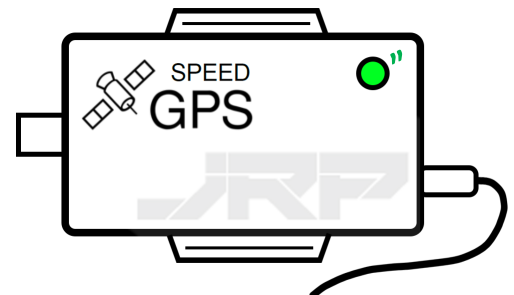
The goal here is to make the Speed display precisely 60km/h on the dot. **NOTE:** For MPH temporarily run gauge in Metric units for set up, this will ensure that accurate pulse settings are calibrated.



7. Press and hold the button. Watch speed slowly increase or decrease on screen. Release and re-hold to make speed pulse go in other direction. When gauge display reads exactly 60km/h release button. Wait 3 seconds then power cycle off. (Both gauge and speed module). Settings should now be saved.
8. Screw on GPS antenna. Ensure the GPS Antenna has line of sight with the sky. Using the adhesive on the back of the antenna, secure to top of dash board or to the glass on vehicle wind shield.
9. Test drive vehicle when safe to do so. Green light will shine solid when GPS has made connection with satellite.



**Warning:** The Speed Control Module will flash green while attempting to re-establish connection with satellites. Speed can get stuck and display inaccurate readings during this time. Take care when driving through tunnels, In some cases you can totally lose connection with satellites. There will be some speed delay after tunnel exit. Total signal drop is indicated with red flash.



Record the date of purchase here for warranty purposes \_\_\_\_\_.

Notes: \_\_\_\_\_  
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