

# GPS SPEED SENSOR

## INSTALLATION AND SPECIFICATIONS

### GPS Speed Sensor Installation

1. Place the GPS Speed Sensor in a location inside the vehicle that is easily viewed while driving.
2. Mount the GPS Speed Sensor using the two screws or Velcro® (included).
3. Connect the GPS Speed Sensor cable to the Rate Controller
4. Connect the antenna cable to the antenna SMA Connector on the back of the GPS Speed Sensor.



### GPS Speed Sensor Operation

Icon	Indicator	Color	Description
	Speed	Green	LED will blink when a ground speed signal is present
	GPS Status	Blue	GPS is detected. The light will blink consistently when vehicle moves. If the vehicle is stationary, the LED will blink irregularly.
	Power	Red	A solid light indicates power.

### Antenna Mounting Considerations

1. The antenna must be located in an area with a clear view of the sky and mounted at the highest point on the vehicle in the center of the roof.
2. If the vehicle is non-metallic, attach the metal mounting plate via the Velcro® strips. Place the antenna on the metal plate.
3. Avoid overhead metal objects that may interfere with satellite signals.
4. Avoid mounting in areas that receive excessive vibration.
5. Mount antenna away from sources of electromagnetic output such as radio antennas and electric motors.
6. Make sure the antenna's cable can be safely routed to the cab from the mounting position.

### Antenna Installation

1. Make sure the surface of the vehicle is clean, dry, and free of dust particles.
2. Magnetically mount the antenna to a metal surface.
3. If the vehicle is non-metallic, attach the metal mounting plate via the Velcro® strips. Place the antenna on the metal plate.

**C.I.E. CHAMPION  
INDUSTRIAL  
EQUIPMENT**

2855 Marleau Avenue, Suite A, Cornwall, Ontario K6H 7B6  
Tel: 613 938-2900 Fax: 613 938-8219  
www.cie-eic.com