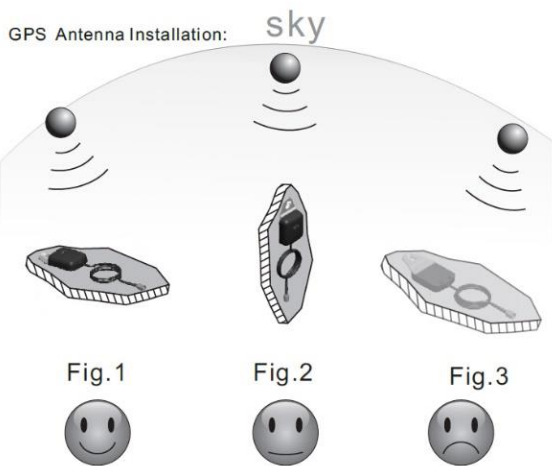


User Guide for 85mm GPS Speedometer with Tyer Pressure Multi-Function Gauge



Gauge Cable Harness Definition	
black	Power Ground -
red	Power+(12/24V)
blue	Left Turn (+)
pink	Hazard Alarm(+)
purple	Right Turn (+)
white	High Beam(+)
Brown	Oil Pressure Alarm(+)
green	Neutral(-)
green	Gear 1(-)
green	Gear 2(-)
green	Gear 3(-)
green	Gear 4(-)
green	Gear 5(-)
green	Gear 6(-)
yellow	Fuel Gauge signal(ohm)
orange	Engine Speed RPM signal(pulse)
yellow	TX
white	RX(Connect Tire Pressure sensor Adapter TX)
grey	External Button (+)
orange	Ignition coil RPM signal



Tyer Pressure Adapter Cable Harness	
black	Power Ground -
red	Power 5~12V +
green	Signal

Install the Gauge

- Place the motorcycle on a level and secure area. Disconnect the battery.
- Refer to the appropriate factory service manual and remove the OEM speedometer.
- Mount the new speedometer in the desired location.
- Locate and route the wires from the rear of the gauge to the existing OEM speedometer sensor wiring. You may extend or shorten the gauge wires as needed for your application.
- Securely fasten the GPS antenna, preferably outdoors (or inside front windscreen) so that it has a clear view of the sky to pick up satellite signals. Connect the antenna cable to socket on the gauge. Do not cut cable.
- After turning power on, allow the gauge to sample satellite signal for 1 minute.
- All data is for reference only and should not be trusted as sole navigation source.

Parameter Menu: ALAR, PULSE, oiL i, oiL dA, odo, Unit

Press and hold the back button, then power on.

The LCD will keep switching & showing “ALAr, PULSE, oiL i, oiL dA , odo, Unit” Long press to switch.

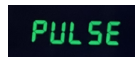
Choose the target menu, release button to enter setting.

1. “ALAR”: change overspeed buzzer alarm threshold value



After selecting “ALAR”, the LCD will show for example “080” (buzzer will be on when speed over 80km/h), press the button to change the flashing digit from 10 to 240 to set target overspeed buzzer alarm threshold value.

2. “PULSE”: Set the engine speed RPM Ratio, unit: pulse/rpm, range: 0.5-655.3

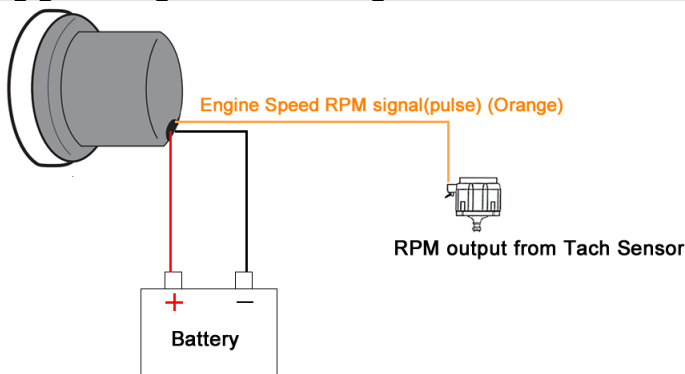


How to confirm RPM Ratio?

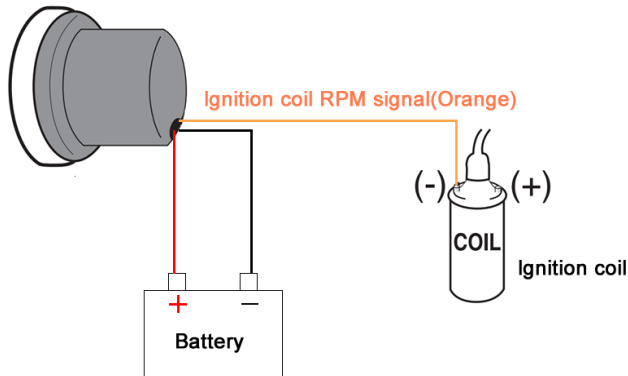
- a. If your sensor is installed on the flying wheel panel, the RPM ratio is equal to the number of gears of the engine.
- b. Normal RPM Ratio for Reference:

OutBoard Engine		InterBoard or Gasoline Engine			Diesel Engine
Electric Poles	RPM Ratio	Cylinder	Stroke	RPM Ratio	RPM Ratio=Gear Number
4	2	4	4	2	
6	3	6	4	3	
8	4	8	4	4	
10	5	10	4	5	
12	6	12	4	6	

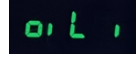
Wiring guide to get RPM Tach signal from RPM tach Sensor



Wiring guide to get RPM Tach signal from ignition coil directly



3. "oiL i" (Set Fuel Gauge Signal)

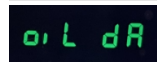


LCD will show "2" (ohm range 10~180Ω) .

Press button to set target ohm range depends on table below
Release button and wait for menu to complete flashing.

LCD Menu	Ohm Signal Range
0	0-190Ω
1	0-180Ω
2	10-180Ω
3	240-33Ω
4	240-30Ω

4. "oiL dR" (no need setting)



5. "odo" (Set Total Odometer)



After selecting "odo", the LCD will show for example "5000" (5000 km) , press the button to change the flashing digit from 0 to 999999 to set the target odometer value.

6. "Unit" (Set Unit: km/h, mph, NMI)



LCD will switch show km/h, mph, NMI .Then release button, and wait for menu to complete flashing.

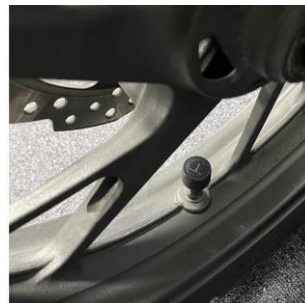
7. "Tire Pressure"



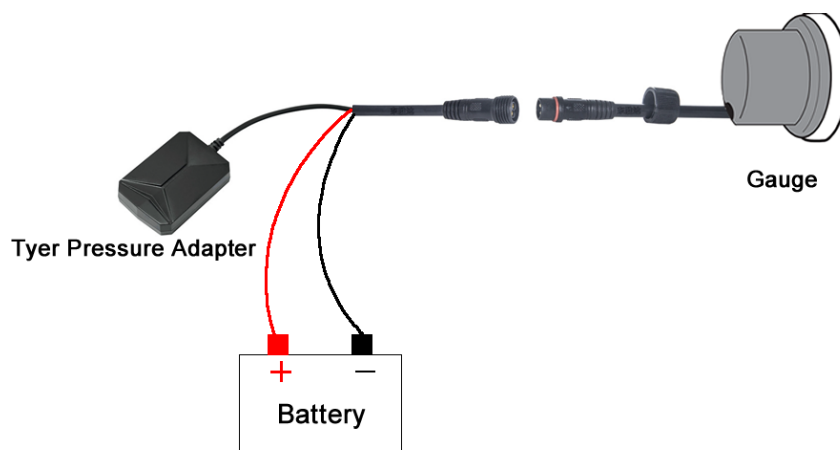
Front Wheel



Rear Wheel



Wiring guide to connect Tyer Pressure Adapter to Gauge



8. Odometer & Trip Odometer

Power on the speedometer, and long Press to reset the Trip Odometer to Zero.

Please noted: After setting, you should disconnect both Power+ and GND, and then re-power on, then it will save the setting. If you just cut Power +, then it'll not work properly.