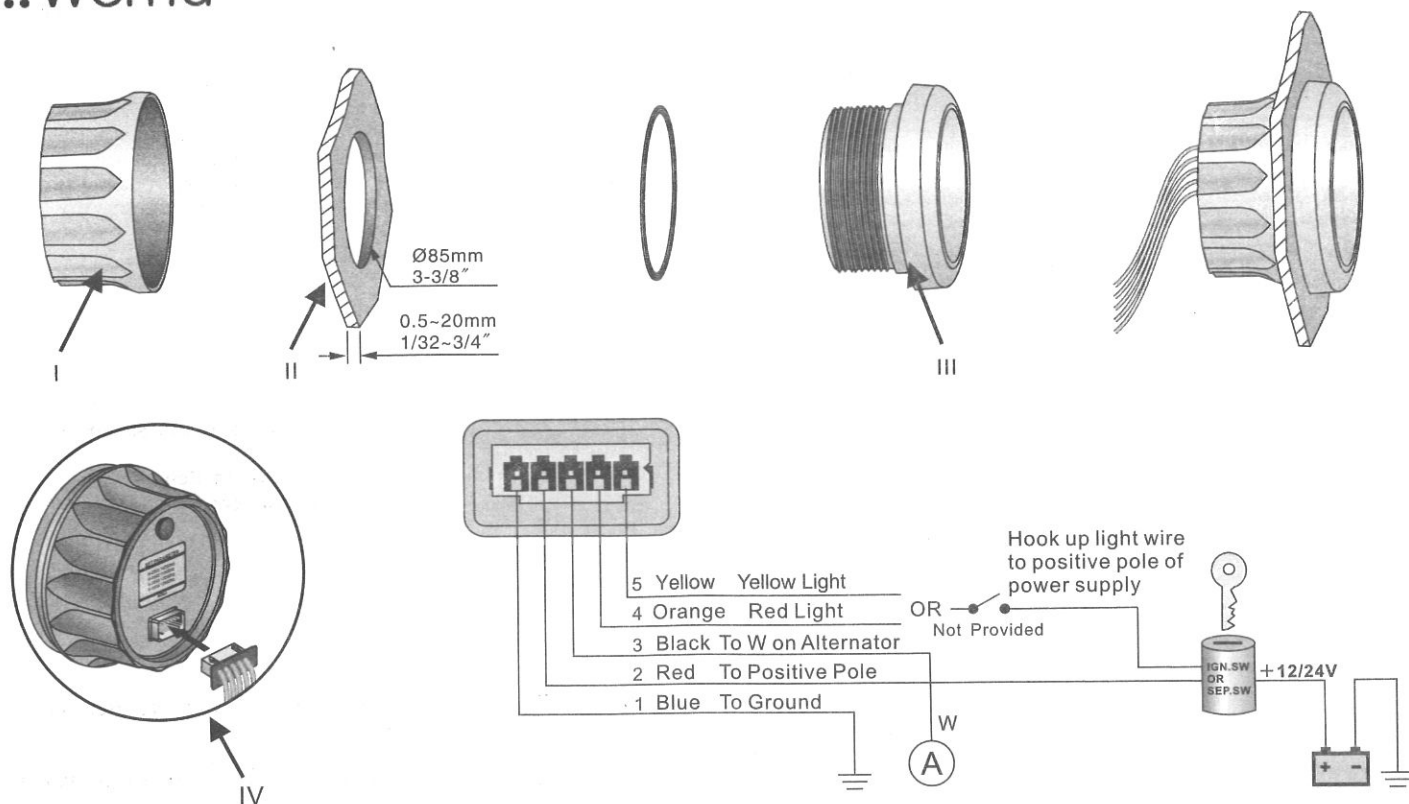




# INSTALLATION INSTRUCTIONS

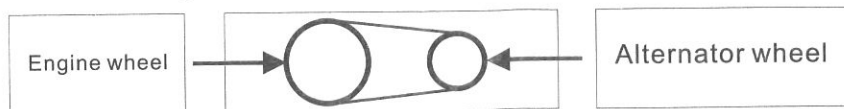


1	Blue	Blå	Blau	Bleu	Azul	Sininen	Синий	Blauw
2	Red	Rød	Rot	Rouge	Rojo	Punainen	Красный	Rood
3	Black	Svart	Schwarz	Noir	Negro	Musta	Черный	Zwart
4	Orange	Orange	Orange	Orange	Orange	Oranssi	Оранжевый	Oranje
5	Yellow	Gul	Gelb	Jaune	Amarillo	Keltainen	Желтый	Geel

## INSTALLATION STEPS

### Installation instructions for Tachometer

1. Cut an 85 mm (3 3/8") diameter hole in the panel (II). You will need a minimum clearance of 55 mm (2 3/16") behind the panel to fit the gauge.
2. Remove fastening ring (I) and insert Gauge from front and fasten gauge (III) with ring (I).
3. Connect cables according to the diagram. Choose red or yellow back ground light. The tachometer can only be used with an alternator with a W terminal (gives alternator RPM output signal).
4. Insert the wire harness (IV) firmly in the gauge (III).
5. Now the gauge must be adjusted to Engine RPM. Speed ratio adjustable range is 0,5 – 400, in steps of 0,5. On a 4000 or 8000 RPM tachometer, typical speed ratio value is between 1,0 and 10.
6. Power ON the tachometer and start the engine. You have to calibrate the Tachometer to Engine RPM, so use a device that counts the RPM for reference if you do not know the RPM. A mechanical counter or an electronic counter may be used. The signal coming from "W" on alternator, shows alternator RPM. The calibration is necessary, because of differences in the size of the wheel on the engine, and on the alternator (see Fig). A tachometer should show engine RPM, not alternator RPM.



### 7. Calibration steps:

- A. Push and hold button on rear side for 5 sec to start 'setup mode'. The LCD display shows '0,5'. When calibrating, if the button is not pushed for 3 sec it will exit setup mode.
- B. Push and hold button to increase value, release the button to stop.  
Push and hold button to decrease value, release the button to stop.  
Repeat until you have the required value.

Pushing and holding button will increase/decrease value in 0,5 increments.  
The longer the button is held the faster it will count.  
Typical speed ratio is between 1,0 and 10.  
After gauge shows correct RPM, wait for 3 sec to exit setup mode.