

# Installation manual - 8199602110

## Electronic dashboard gauge set for replica Porsche model 356 and 550



**Kit contains:** fuel and temperature gauge,  
speedometer, tachometer and fuel sender

## Technical Specifications:

This tachometer has an operating range of 0-6.000 RPM on 4cylinder engine of any CC. for use with carbureted or injected engines.  
This instrument is intended to indicate the number of the crankshaft rotation per minute (Rotation x minute)

Operating Voltage.....:10 - 16V  
Movement Type.....: Coil Motor  
Type of Lighting.....: Lamp 12V 2W

### **Electrical Connetion Notes & Troubleshooting** **Recommendations**

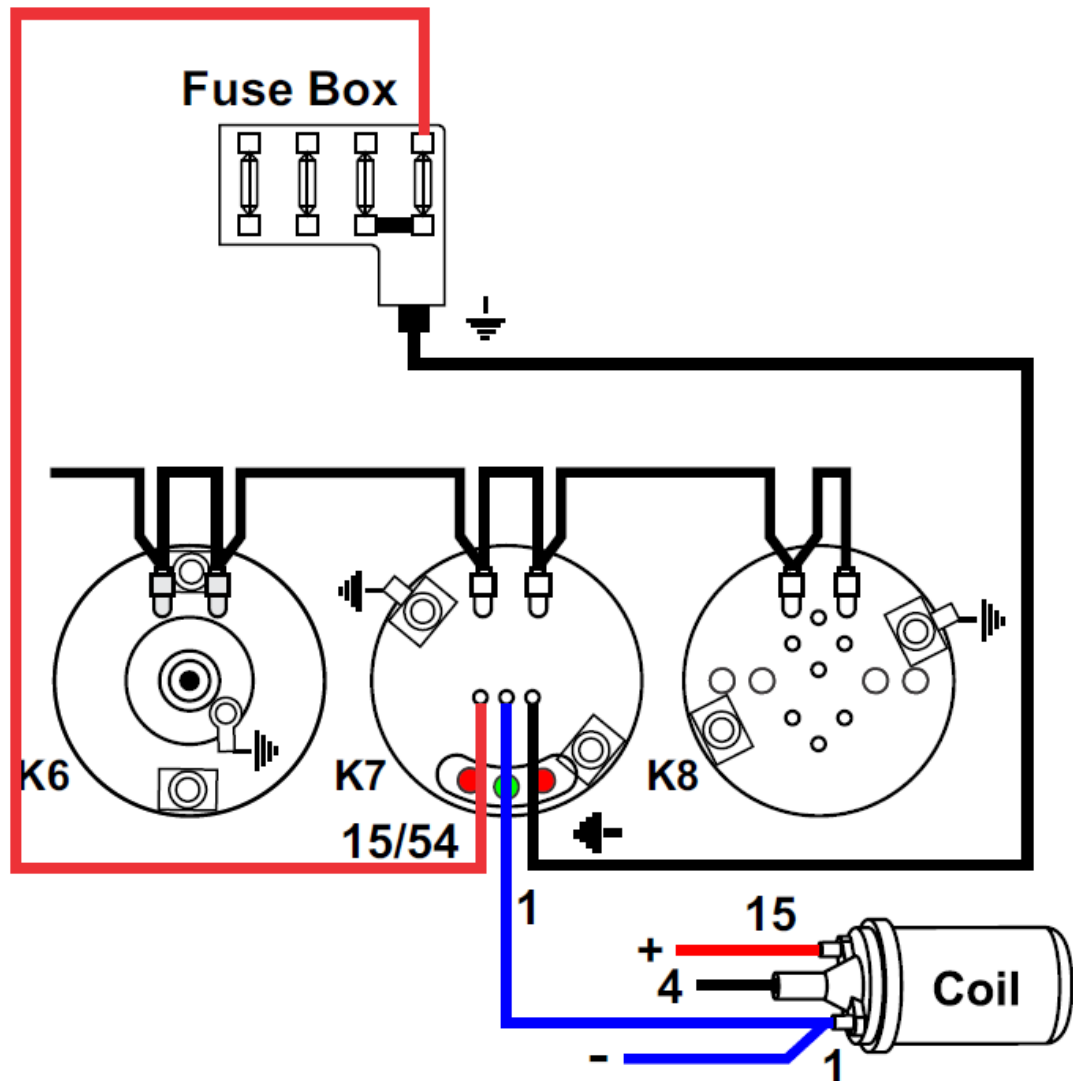
Before installation check the condition of the spark plug wires. Use a good noise canceling or resistor set plug wires.

If you see any erratic movement or inaccurate gauge readings the internal cable may be compromised.

This tachometer uses the stock socket type lamp / lighting very simple and easy to service, keeping within the originality of the existing gauges.

# TACHOMETER

## Wiring Diagram



## Key to wiring diagram

### K6 - Speedometer

## K7 - Tachometer

## K8 - Fuel / Temperature Gauges

Connect wires coming out of tach as follows:

- Red to power
- Blue to signal
- Black to ground

# FUEL AND TEMPERATURE

## Wiring Diagram

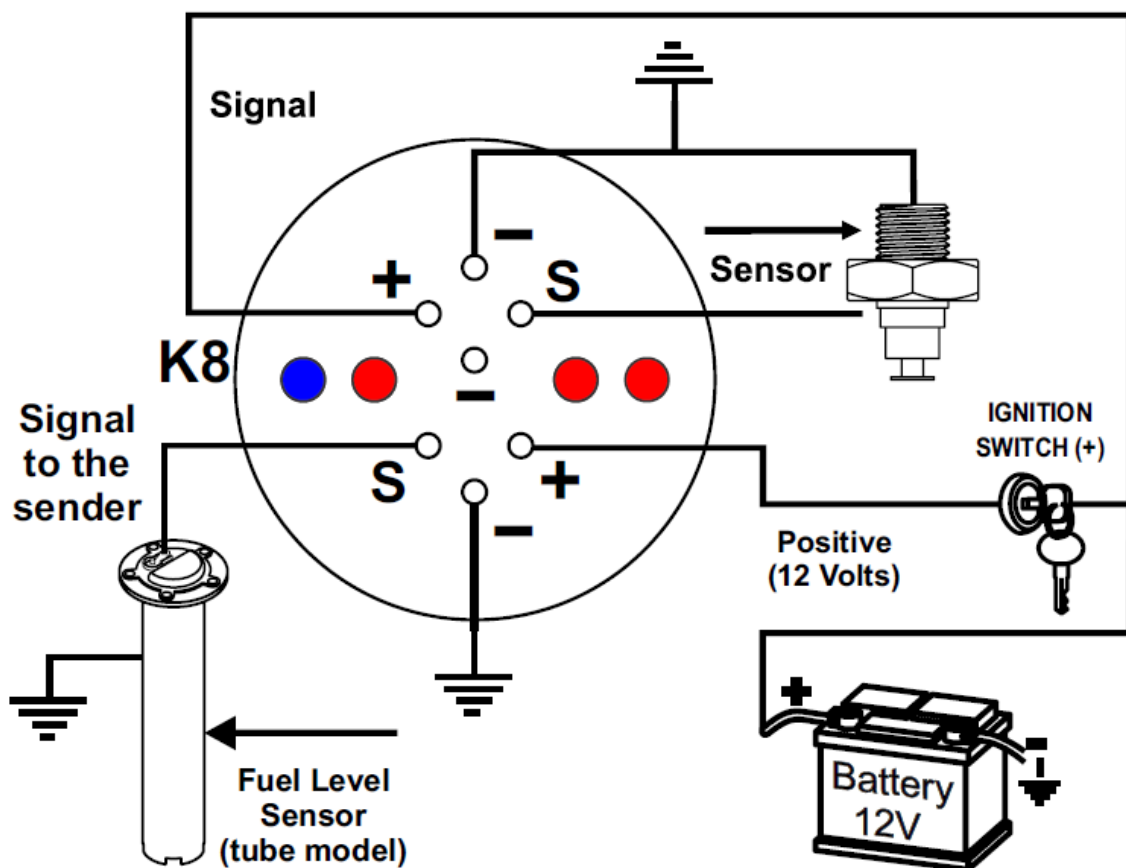
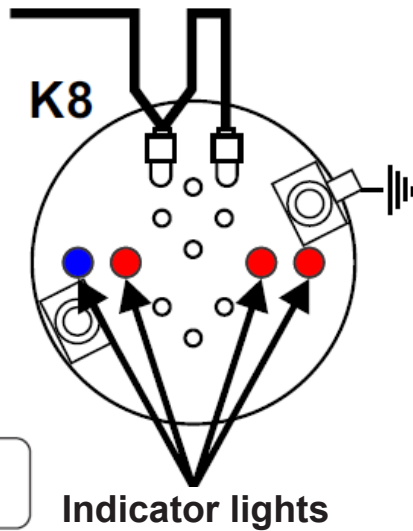
### Key to Wiring Diagram

K6 - Speedometer

K7 - Revolution Counter

K8 - Fuel / Temperature Gauges

In the case of electric thermometer of oil, the adapter should be put in place of the oil drain plug.



# FUEL AND TEMPERATURE

## SPEEDOMETER MECHANIC WITH ODOMETER AND TRIP COUNTER

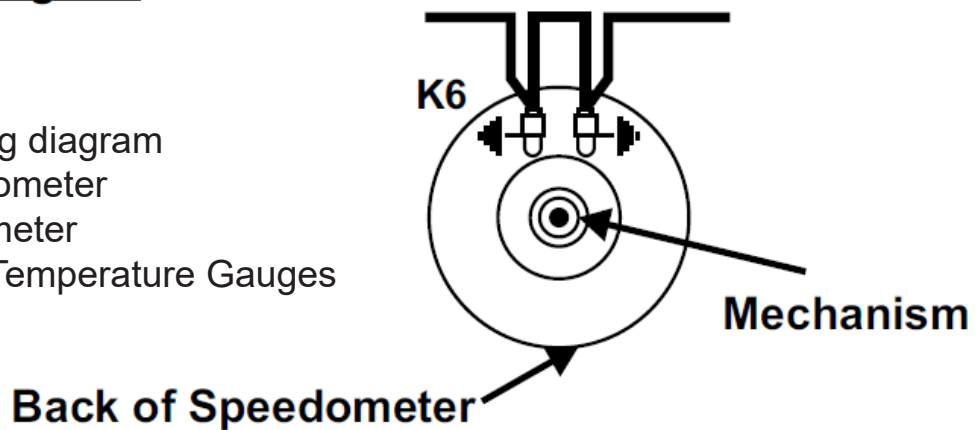
### Wiring Diagram

Key to wiring diagram

K6 - Speedometer

K7 - Tachometer

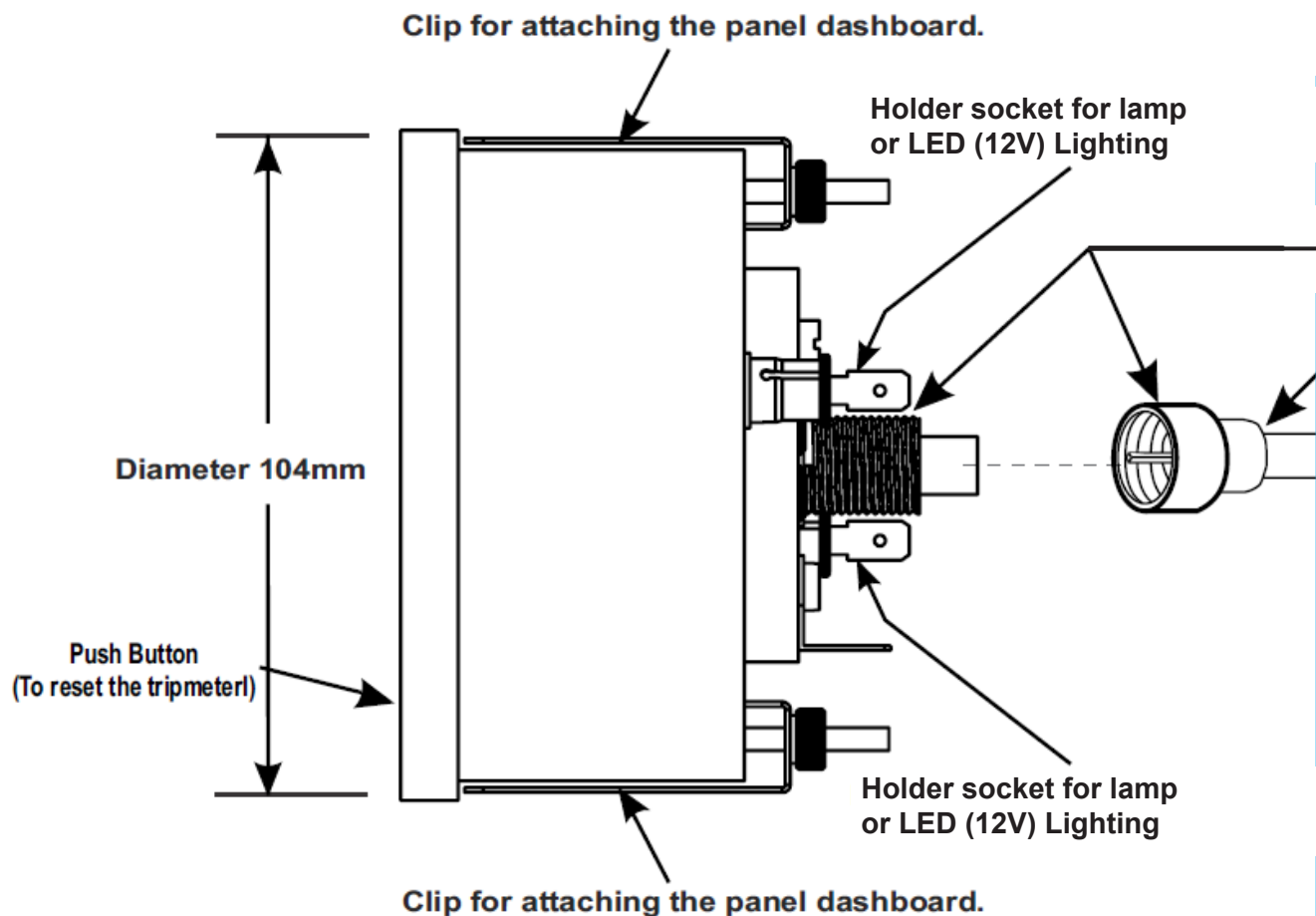
K8 - Fuel / Temperature Gauges



### Recommendations and important checks on the installation:

- The installation must be done by specialized people
- “W” is RPM counter plug on the generator. However, if this vehicle has the perimeter of the tire changed to greater or smaller than the original and marking instrument with tire measures to a specialist
- Check the speedometer cable conditions. Turn the cable handle in your hand. If it shows vibrations or not, make a good lubrication for conservation of the cable and in order to eliminate any noise. When you check the cable detect vibrations before assembling, it will be necessary to replace the cable with a new
- Connect the wires and test them for proper function

## Installation Speedometer

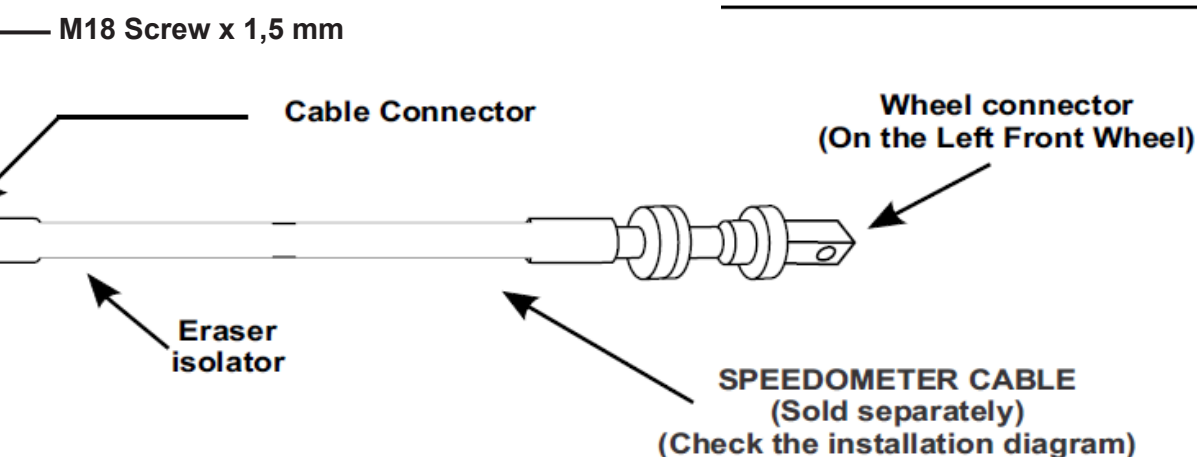


### Important recommendations on the installation:

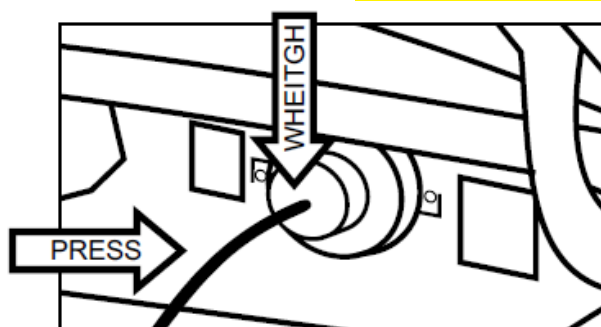
The speedometer has the standard of original thread to meet the same cable used in the VW Beetle. Yet if the cable of your vehicle does not fit properly to the speedometer mechanism, you will need to take it to a company specializing in speedometers and request that they only change the cable thread (which connects to the instrument). Thus the cable will have its correct connection not suffering vibration, noise, instrument malfunction and loss of warranty.

Brand	Screw
Volkswagen	M18 x 1,5

Installation Speedometer is easy, however, if you have no aptitude or proper tools, go to your trusted electrician, or specialty stores for perform the service.  
(to prevent loss of warranty)



# DO NOT!



Do not put weight or press speedometer cable, it can damage or break the same, result in non-functioning the speedometer.