

# PITSCH ELEKTRONIK

## ZÜNDANLAGEN und DREHZAHLMESSER

### MOUNTING & CONNECTING INSTRUCTIONS FOR THE "KRÖBER" LA16 REV-COUNTER

The LA16 is a universal C.D.I. rev-counter. This rev-counter is specifically designed for direct connection to capacitor discharge (C.D.I.) type ignition coils.\*

It can be used:-

- (1) On motors with a C.D.I. ignition which produces ONE spark for every revolution of the crankshaft per ignition coil.
- (2) On Kröber self-generating ignition systems (MC types) where the system produces one spark to each ignition coil for every revolution of the crankshaft.

In use the rev-counter may vibrate vigorously on its mounting rubbers, which is normal. It is important, therefore, that when mounted there is sufficient clearance around the instrument so that no damage can occur. It is recommended that a minimum clearance of 25mm exists at all times around the unit & such that nothing can come into contact with the casing. If this safety precaution is not adhered to then failure of the unit may occur within a short period of time & any guarantee will thus become invalid. Also, do not attach any other item to the rev-counter, under any circumstances.

The connection of the rev-counter is always via the lead from terminal 1 to the ignition coil or similar point of the system, whether it be a battery or magneto (self-generating) type. The base plate (which is connected to terminal 4, via an integral small cable) is connected to the chassis (earth). Where there is not good earth continuity, such as when the rev-counter is mounted on fibre-glass or a painted surface, then a suitable lead must be run from the baseplate to the chassis.

On Kröber MC type ignitions the rev-counter connection is made to the white wire which comes from any one box to the ignition coil.

The terminal 3 of the rev-counter is used to power the internal light, if required. Connect this point to a suitable +12 volt supply.

General care of the rev-counter instrument is important & cleaning should be undertaken using a soft damp cloth or sponge. Alternatively, it is recommended that a good quality lens (or visor) cleaner be used to keep the cover free from grime. (Never clean with a dry cloth as this will cause an electrostatic charge to build up in the casing which may in turn lead to the needle pointer rising from its normal position at rest & thus cause inaccurate readings!) **IMPORTANT NOTE:** Never allow the instrument to come into contact with petrol or brake fluid as this may cause permanent damage to the cover of the unit.

\* Where the C.D.I. coil forms part of the electronics of the ignition e.g. Femsas or Motoplat type ignitions, then this rev-counter is not suitable!

N.B. With certain self-generating ignitions there is not enough power available from the ignition system to operate the standard LA16 rev-counter directly. An alternative, independantly (battery) powered C.D.I. compatible rev-counter is available under these circumstances!