



## Digital ECOMETER

### Introduction

As part of our commitment to offering our customers the very best in technology and lowest cost of ownership we are proud to announce the availability of the BPW ECOMETER digital hub odometer. Introduced as a running change these digital units will replace the existing analog style ones at no extra cost to the customer. The battery operated digital display unit offers the following advantages: -

- Clear and bright display that is easily read both day and night.
- Digital accuracy and reliability.
- Long battery life.
- One hub odometer for all sizes of tyres - only the setting changes.

These hub odometers will be supplied in a dormant state and will have to be set before use to the relevant tyre size on the vehicle. This setting procedure is detailed below.

### Function

A minicomputer that is protected from water and dirt counts the wheel revolutions using a magnet and a reed contact. The digital ECOMETER with the special clasp locking ring and integrated magnet is available for all ECOPlus axles.

The tyre rolling circumference is set initially and cannot be changed subsequently. Two metallic service contacts are integrated in the display. Readout takes place when an electrical connection is made across these service contacts

**Important! Please protect the reed contact in the cap against damage.**

Do not stack the caps one inside the other, for example.

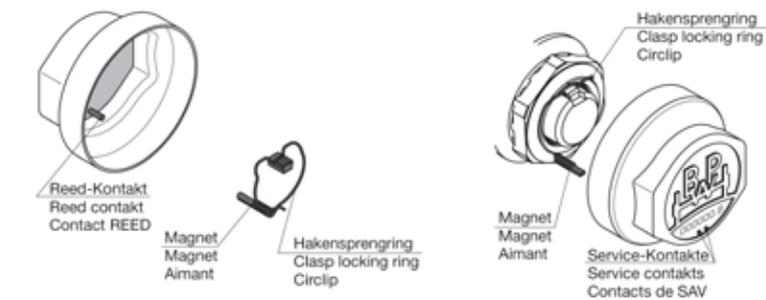
### Start-up/Setting the tyre rolling circumference

On delivery, the digital ECOMETER is in test mode.

It does not change over to normal counting mode until the tyre rolling circumference has been entered. The setting cannot be changed subsequently. Even the preset tyre rolling circumference of 3248 mm (for tyre size 385/65 R22.5) must be confirmed as described point 3. prior to start-up.

Please contact **Stephen du Toit on (082) 901-2639 or Zehraan Rassool on (082) 901-5327 for assistance.**



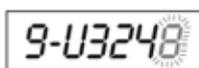


## Setting the tyre rolling circumference

The unit is changed to setting mode by shorting the service contacts and at the same time touching the reed contact with the magnet.

The display "9-U3248" appears for about 10 seconds as identification of setting mode:

1. Pass the magnet over the reed contact, the flashing digit can be incremented by one every time the service contacts are shorted (after reaching 9, the digit reverts to 0).
2. Pass the magnet over the reed contact again, the next digit flashes. Set the digit using the service contacts. In this way, change the number "3248" to the appropriate tyre rolling circumference.



3. Setting mode is exited by changing the first digit from 9 to 0: When the nine is flashing, it can be reduced from nine to zero by shorting the service contacts.



### Important!

Following this, it is no longer possible to change the set value for the tyre rolling circumference!

The display switches off automatically.

The setting procedure cannot be cancelled. When the display switches off, setting mode is merely interrupted. Pressing any contact resumes the setting procedure from the point at which it was interrupted.

## Installation

Remove the hub cap and hooked spring ring. Install the hooked spring ring with magnet and ECOMETER.

### Important!

The ECOMETER must be fitted and dismantled using only torque controlled (not impact!) airguns or manually with a torque wrench.

## Battery

A row of flashing dots appears on the display when the battery voltage has fallen below the necessary value. The battery should be changed. After the battery has been changed, the program and the display are resumed (the distance value in kilometres continues to be stored in temporary memory). The battery is available from BPW, code number 02.0130.82.00.

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