

# VEEDER-ROOT HUBODOMETERS



ZTS25 Mounting Bracket

ZTS5515 Mounting Washer

## Hubodometer Redesign and Improvements

The following internal changes have been made to the Veeder-Root hubodometers:

- The zinc die cast internal mechanism has been replaced by an injection moulded plastic mechanism. This reduces the rotating mass of the hubodometer and the overall weight of the unit
- The needle roller bearings have been replaced by a self-lubricating bronze bush to improve longevity and accuracy

# VEEDER-ROOT HUBODOMETERS

**PLEASE NOTE:**

Hubodometers not designated with a part number will be ordered on request, (overnight service).  
New stock of Hubo's will be identified by RPK as now allowed by LTSA

<i>Tyre Size</i>	<i>Part Number</i>
<b>12" X PLY</b>	
500.12	Z588RPK
550.12	Z588RPK
600.12	Z588RPK
<b>12" RADIAL</b>	
145 R12	Z588RPK
155 R12	Z588RPK
165/70 R12	Z588RPK
175/70 R12	Z588RPK
155/75 R12	Z588RPK
165/75 R12	Z588RPK
155/80 R12	Z588RPK
<b>13" X PLY</b>	
520.13	Z546RPK
550.13	Z546RPK
560.13	Z546RPK
590.13	Z525RPK
600.13	Z546RPK
615.13	Z572RPK
645.13	Z546RPK
650.13	Z525RPK
670.13	Z514.5RPK
700.13	Z525RPK
X78.13	Z572RPK
<b>13" RADIAL</b>	
145 R13	Z572RPK
155 R13	Z572RPK
165 R13	Z546RPK
175 R13	Z546RPK
185 R13	Z525RPK
185/60 R13	Z588RPK
205/60 R13	Z572RPK
215/60 R13	Z546RPK
225/60 R13	Z546RPK
185/65 R13	Z572RPK
205/65 R13	Z546RPK
155/70 R13	Z588RPK
165/70 R13	Z572RPK
175/70 R13	Z572RPK
185/70 R13	Z546RPK
195/70 R13	Z546RPK
205/70 R13	Z525RPK
165/75 R13	Z572RPK
175/75 R13	Z546RPK
185/75 R13	Z546RPK
155/80 R13	Z572RPK
165/80 R13	Z546RPK
175/80 R13	Z546RPK
185/80 R13	Z525RPK

<i>Tyre Size</i>	<i>Part Number</i>
<b>14" X PLY</b>	
520.14	Z514.5RPK
560.14	Z514.5RPK
590.14	Z500RPK
600.14	Z514.5RPK
640.14	Z500RPK
645.14	Z525RPK
650.14	Z500RPK
670.14	Z484.5RPK
695.14	Z500RPK
700.14	Z500RPK
750.14	Z484.5RPK
D78-14	Z500RPK
E78-14	Z500RPK
E78.14	Z484.5RPK
<b>14" RADIAL</b>	
165 R14	Z525RPK
175 R14	Z514.5RPK
185 R14	Z500RPK
195 R14	Z484.5RPK
205 R14	Z484.5RPK
215 R14	Z465RPK
175/60 R14	Z572RPK
185/60 R14	Z572RPK
195/60 R14	Z546RPK
205/60 R14	Z546RPK
215/60 R14	Z525RPK
225/60 R14	Z525RPK
235/60 R14	Z514.5RPK
245/60 R14	Z500RPK
165/65 R14	Z572RPK
175/65 R14	Z572RPK
185/65 R14	Z546RPK
195/65 R14	Z525RPK
205/65 R14	Z525RPK
215/65 R14	Z514.5RPK
225/65 R14	Z500RPK
185/70 R14	Z525RPK
195/70 R14	Z514.5RPK
205/70 R14	Z500RPK
215/70 R14	Z500RPK
175/75 R14	Z525RPK
185/75 R14	Z514.5RPK
195/75 R14	Z500RPK
205/75 R14	Z484.5RPK
215/75 R14	Z484.5RPK
165/80 R14	Z525RPK
175/80 R14	Z525RPK
185/80 R14	Z514.5RPK

<i>Tyre Size</i>	<i>Part Number</i>
<b>15" X PLY</b>	
560.15	Z514.5RPK
600.15	Z500RPK
640.15	Z484.5RPK
650.15	Z465RPK
700.15	Z450RPK
750.15	Z433.3RPK
F78-15	Z465RPK
H78.15	Z465RPK
<b>15" RADIAL</b>	
9 R15	Z433.3RPK
10 R15	Z416RPK
11 R15	Z416RPK
12 R15	Z392RPK
165 R15	Z514.5RPK
185 R15	Z484.5RPK
195 R15	Z465RPK
205 R15	Z465RPK
215 R15	Z450RPK
600 R15	Z465RPK
650 R15	Z450RPK
670 R15	Z450RPK
700 R15	Z433.3RPK
750 R15	Z416RPK
825 R15	Z392RPK
900 R15	Z381.3RPK
1000 R15	Z350RPK
195/60 R15	Z525RPK
205/60 R15	Z525RPK
215/60 R15	Z514.5RPK
225/60 R15	Z500RPK
235/60 R15	Z484.5RPK
245/60 R15	Z484.5RPK
255/60 R15	Z484.5RPK
275/60 R15	Z465RPK
185/65 R15	Z525RPK
195/65 R15	Z514.5RPK
205/65 R15	Z500RPK
215/65 R15	Z500RPK
225/65 R15	Z484.5RPK
195/70 R15	Z484.4RPK
205/70 R15	Z484.5RPK
215/70 R15	Z484.5RPK
225/70 R15	Z465RPK
235/70 R15	Z465RPK
255/70 R15	Z450RPK
195/75 R15	Z484.5RPK
205/75 R15	Z465RPK
215/75 R15	Z465RPK
225/75 R15	Z450RPK
235/75 R15	Z450RPK
165/80 R15	Z514.5RPK
205/80 R15	Z450RPK
30X9.5 R15	Z433.3RPK

# VEEDER-ROOT HUBODOMETER

<i>Tyre Size</i>	<i>Part Number</i>
30X10 R15	Z416RPK
31X10.5 R15	Z416RPK
31X11.5 R15	Z416RPK
32X11.5 R15	Z416RPK
33X12.5 R15	Z392RPK
ER70 H15	Z484.5RPK
GR78-15	Z465RPK
HR78-15	Z450RPK
LR78-15	Z433.3RPK
<b>16 X PLY</b>	
600.16	Z450RPK
650.16	Z450RPK
700.16	Z433.3RPK
750.16	Z416RPK
825.16	Z392RPK
900.16	Z381.3RPK
<b>16" RADIAL</b>	
175 R16	Z484.5RPK
205 R16	Z450RPK
650 R16	Z433.3RPK
700 R16	Z416RPK
750 R16	Z400RPK
825 R16	Z381.3RPK
900 R16	Z350RPK
1100 R16	Z333.3RPK
205/85 R16	Z416RPK
215/80 R16	Z416RPK
215/85 R16	Z416RPK
235/85 R16	Z400RPK
255/85 R16	Z392RPK
<b>16.5" RADIAL</b>	
8.75 R16.5	Z450RPK
9.50 R16.5	Z416RPK
31X10.5 R16.5	Z416RPK
33X12.5 R16.5	Z392RPK
<b>17.5" RADIAL</b>	
8 R17.5	Z416RPK
8.5 R17.5	Z400RPK
9 R17.5	Z392RPK
9.5 R17.5	Z392RPK
10 R17.5	Z381.3RPK
11 R17.5	Z350RPK
205/65 R17.5	Z465RPK
245/75 R17.5	Z400RPK
205/75 R17.5	Z433.3RPK
215/75 R17.5	Z416RPK
225/75 R17.5	Z416RPK
235/75 R17.5	Z400RPK
225/80 R17.5	Z400RPK
225/90 R17.5	Z381.3RPK

<i>Tyre Size</i>	<i>Part Number</i>
<b>19.5" RADIAL</b>	
7 R19.5	Z400RPK
8 R19.5	Z381.3RPK
8.5 R19.5	Z381.3RPK
9 R19.5	Z364RPK
9.5 R19.5	Z350RPK
10 R19.5	Z306RPK
445/65 R19.5	Z306RPK
245/70 R19.5	Z392RPK
265/70 R19.5	Z381.3RPK
285/70 R19.5	Z364RPK
305/70 R19.5	Z350RPK
445/70 R19.5	Z306RPK
265/75 R19.5	Z381.3RPK
285/75 R19.5	Z364RPK
<b>20" X PLY</b>	
700.20	Z364RPK
750.20	Z350RPK
825.20	Z350RPK
900.20	Z316.6RPK
1000.20	Z310.3RPK
1100.20	Z306RPK
1200.20	Z294RPK
1300.20	Z1300X20RPK
1400.20	Z260RPK
<b>20" RADIAL</b>	
650 R20	Z381.3RPK
700 R20	Z364RPK
750 R20	Z350RPK
825 R20	Z333.3RPK
900 R20	Z316.6RPK
1000 R20	Z310.3RPK
1100 R20	Z306RPK
1200 R20	Z294RPK
1300 R20	N/A
1400 R20	Z260RPK
1600 R20	N/A
13/80 R20	Z310.3RPK
14/80 R20	Z306RPK
15.5/80 R20	N/A
18/80 R20	Z294RPK
335/80 R20	Z306RPK
365/80 R20	Z294RPK
<b>22" X PLY</b>	
1000.22	Z294RPK
1100.22	Z294RPK
<b>22" RADIAL</b>	
1000 R22	Z294RPK
1100 R22	Z294RPK
<b>22.5" X PLY</b>	
11.22.5	Z316.6RPK

<i>Tyre Size</i>	<i>Part Number</i>	
<b>22.5" RADIAL</b>		
8 R22.5	Z350RPK	
9 R22.5	Z333.3RPK	
10 R22.5	Z316.6RPK	
11 R22.5	Z310.3RPK	
12 R22.5	Z306RPK	
13 R22.5	Z294RPK	
15 R22.5	Z306RPK	
16.5 R22.5	Z294RPK	
18 R22.5	N/A	
11/70 R22.5	Z333.3RPK	
295/60 R22.5	Z364RPK	
385/65 R22.5	Z306RPK	
425/65 R22.5	Z294RPK	
445/65 R22.5	N/A	
225/70 R22.5	Z350RPK	
245/70 R22.5	Z392RPK	
255/70 R22.5	Z350RPK	
275/70 R22.5	Z343RPK	
305/70 R22.5	Z316.6RPK	
315/70 R22.5	Z316.6RPK	
245/75 R22.5	Z392RPK	
265/75 R22.5	Z333.3RPK	
285/75 R22.5	Z310.3RPK	
295/75 R22.5	Z316.6RPK	
350/75 R22.5	Z306RPK	
275/80 R22.5	Z316.6RPK	
295/80 R22.5	Z310.3RPK	
315/80 R22.5	Z306RPK	
<b>24" - 24.5 X PLY</b>		
1200.24	Z260RPK	
1400.24	N/A	
1100 24.5	Z294RPK	
<b>24" - 24.5.5" X RADIAL</b>		
1100 R24	N/A	
1200 R24	N/A	
11 R24.5	Z294RPK	
285/75 R24.5	Z310.3RPK	
<b>HUBOS THAT NEED L.T.S.A. APPROVAL</b>		
<b>Tyre Size</b>	<b>RPK</b>	<b>VIR RPK</b>
165/95 R13	511	Z514.5RPK
195/70 R15.5	485	Z484.5RPK
215/60 R15.5	487	Z484.5RPK
195/75 R16	465	Z465RPK
205/60 R17.5	475	N/A
215/70 R17.5	416	Z416RPK
750.18	389	Z392RPK
385/65 R19.5	332	Z333.3RPK
395/85 R20	278	N/A
405/70 R20	320	Z316.6RPK
425/75 R20	298	Z294RPK
550/45 R22.5	325	Z326.6RPK

The Manager  
Economic Compliance  
Land Transport Safety Authority  
PO Box 2840  
WELLINGTON

Date: \_\_\_\_\_

## **ALTERNATIVE HUBODOMETER APPLICATION**

Application: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax No: \_\_\_\_\_

### **VEHICLE DETAILS:**

Vehicle Make: \_\_\_\_\_ Vehicle Model: \_\_\_\_\_

Registration No: \_\_\_\_\_

Tyre Size: \_\_\_\_\_ Tyre Brand: \_\_\_\_\_

Revolutions per Kilometer: \_\_\_\_\_

### **PROPOSED HUBODOMETER DETAILS:**

Make: \_\_\_\_\_ Serial No: \_\_\_\_\_

Tyre Size(s) Marked: \_\_\_\_\_

Revolutions per Kilometer: \_\_\_\_\_ Error factor: \_\_\_\_\_ %

Signed: \_\_\_\_\_

This application form is issued to assist the Owner in applying to use a hubodometer that is not marked with the correct tyre size. It is the owner's responsibility to complete all the questions on the form and forward to Economic Compliance Section of LTSA.

This form in its self does not authorise the owner to operate the vehicle with the described hubodometer.