TOTAL DRIVE WHEEL ALIGNER

TD2200WS (8CCD) BLUETOOTH

*Top of the range model.*
Wireless data transfer using state of the art Bluetooth technology for speed and reliability. Eight CCD optics deliver additional collision angles helpful during diagnosis of chassis. System is highly mobile and can be positioned anywhere in the workshop. Patented non-runout Fast Clamps provide the ultimate in accuracy, speed, and versatility. Guarantee of precision accuracy furnished by Ravaglioli.
Complete Set Up and Measuring in Less than 3 Minutes!

1. Install Non-Runout Fast Clamps and Sensors
2. Conduct 10 Second Turning Routine
3. Complete Measurements Completed for Both Axles

Remote Indicator
- Contacts for battery charging.
- Pin mounted on bearing.
- 8 lb.

Remote Control
- Simple 5 button operation. System can be controlled from any sensor head as well as from the console.
- Keyboard with remote-control function.

No Broken Beams
- Operator is not hindered by broken beams while adjusting the front axle of the vehicle.

Drawer
- Special supports to house the measuring heads and recharge the batteries.
- The paper-exit opening permits using the printer with the drawer closed, thereby providing total protection against damage and pollution.
- Drawer to store clamps and accessories.

A useful cover can be opened and closed easily to protect the keyboard.

22” LCD monitor on high riser

22” LCD monitor on high riser
It is possible to measure wheel run out by moving the vehicle by only 30° (quick compensation in a little space) without lifting the vehicle.

System also allows for the choice of vehicle raised for run out compensation procedure.

Windows managed data bank contains over 90,000 vehicles. Customer data bank for storing alignment reports with search by customer name or vehicle plate number.

Easily updateable by internet or USB Key. Save and restore customer data using a common USB key.

Easy to use adjustment graphics guide the operator to fast and precise settings.

Operator instructions are shown using animated graphics.

Over 500 adjustment movies, images, and drawings to assist the operator for a correct adjustment of the vehicle.

The data base automatically modifies the alignment specifications when chassis ride height is entered.
**STANDARD**

- Premium cabinet/control console with PC, 22” monitor, printer, and charger.
- Four - CCD Bluetooth wireless measuring heads
- Four - STDA96 Non-Runout Fast Clamps
- Twelve - STDA39 Plastic rim pegs
- Twelve - 14000AA Lipless rim adapters
- Six - STDA42 extension pegs
- One - brake pedal depressor
- One - steering wheel lock
- Instruction manual on CD
- FREE TECH ASSISTANCE VIA PHONE AND INTERNET

**OPTIONAL**

- STD 10A7 Turn Plates
  - Turntables: Diameter 12.35 in.
  - Capacity 2000 lb. each

- R.M.S. - Remote Measuring Devices
  - STD23/C
  - STD24/C

**Accuracy and Measuring Range**

<table>
<thead>
<tr>
<th>TECHNICAL FEATURES</th>
<th>ACCURACY</th>
<th>MEASURING RANGE</th>
<th>TOTAL MEASURING RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total toe</td>
<td>+/- 2'</td>
<td>+/- 2°</td>
<td>+/- 20°</td>
</tr>
<tr>
<td>Partial toe</td>
<td>+/- 1'</td>
<td>+/- 1°</td>
<td>+/- 20</td>
</tr>
<tr>
<td>Set-back</td>
<td>+/- 2'</td>
<td>+/- 2°</td>
<td>+/- 5°</td>
</tr>
<tr>
<td>Camber</td>
<td>+/- 2'</td>
<td>+/- 3°</td>
<td>+/- 10°</td>
</tr>
<tr>
<td>Caster</td>
<td>+/- 5'</td>
<td>+/- 10°</td>
<td>+/- 18°</td>
</tr>
<tr>
<td>King-pin</td>
<td>+/- 5'</td>
<td>+/- 10°</td>
<td>+/- 18°</td>
</tr>
<tr>
<td>Thrust angle</td>
<td>+/- 2'</td>
<td>+/- 2°</td>
<td>+/- 5°</td>
</tr>
</tbody>
</table>

**RAV Alignment Wheel Adaptors**

A System is Only as Accurate as its Reference.

- **STANDARD:** STDA96 Premium Non-Runout Fast Clamp 12-24”
- **OPTIONAL:** STDA 33EU 4 point self-centering with removable claws
- **OPTIONAL:** Mercedes, BMW, Smart-Specific OEM wheel adaptors
- **OPTIONAL:** Porche – for Porche rims with quick lock device

**Distributed by:**

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