

DIMENSION 4



PROUDLY MADE IN USA



BEAR®

Features at a Glance



Measurement System

The Dimension 4 Alignment systems are built based on the latest generation of Digital Imaging technology, featuring High Resolution cameras (500 megapixels each) This feature provides alignment measurements with pinpoint accuracy and high performance in shop environments.

Jack & Hold

The Dimension 4 Software offers the capability to lift the vehicle while the system 'remembers' the actual angles, to allow the operator to adjust them using a live view of the readings. This feature is called Jack & Hold and is extremely convenient to ensure a straight wheel every time without repeated adjustments. This option saves time and increases speed during the adjustment process.

Automatic System

The "Auto-Track" feature enables the cameras to move up & down automatically, matching the height of the vehicle on the lift and providing a full range of vertical travel for the operator. This feature saves significant time while setting up the vehicle at different heights either for adjusting or for the actual alignment process.

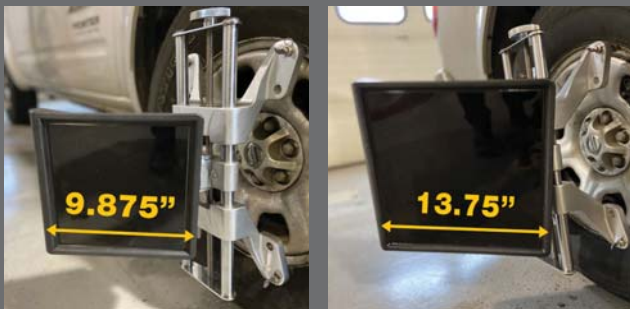
Enhanced Caster

The Dimension 4 Software offers the capability to perform the traditional caster Swing and also an extended swing that allows the operator to measure and establish the amount of toe-out on turns, as well as, the steering wheel lock angle. Understanding the Steering lock Angle is important for safety purposes while driving the vehicle.

Features at a Glance

Targets & Adapters

The Dimension 4 features two sizes of targets. The rear targets are large and adequate for long distance recognition, while the front targets are small to avoid blocking the signals intended for the rear targets. This feature is especially important during the Caster Swing and runout procedures, during which blockage of signals could occur.



The Dimension 4 imaging cameras gain readings from these high resolution targets mounted on each wheel. Inside the targets are high precision 'mirrors' that are manufactured using a state-of-the-art printing technology that offers unbeatable resolution for extremely high accuracy. Each target is mounted on a light weight, durable aluminum, self-centering clamp adapter with a range from 12\"/>



Software

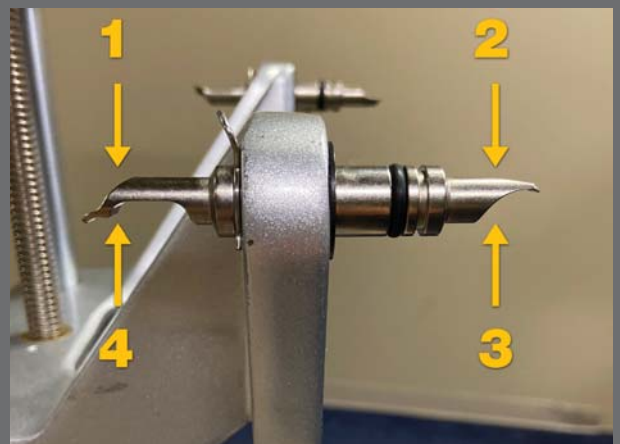
Runs on Windows operating systems and includes a Global database with more than 45,000 vehicle records. The vehicle selection is touch-driven, allowing the operator to quickly identify the correct vehicle, with no hard to see and confusing drop-down lists.

Fast Toe

The Dimension 4 Alignment Systems include as a Standard feature the "FastToe" function. This software application allows the user to adjust Toe angles to ensure a straight wheel every time, without repeated adjustments or the use of a steering wheel holder. This option saves time and increases speed.

Adjustable Pins

Enhanced stainless steel pins offer 4 unique mounting positions for greater range on different types of rims.



Features at a Glance

Body-Shop View

The Software offers a detailed view of a virtual vehicle with key dimensions and symmetry angles that help determine if the vehicle should be aligned or if collision repairs need to take place first. This is another time-saving feature embedded in the Dimension 4 Systems.

Flexible Runout

The Dimension 4 Software offers the flexibility to the operator to either roll forward or roll backward at the start of the runout compensation. The actual roll is very short, in fact, in most cases the wheel does not roll off the surface of the turntable. This flexibility is paramount to time savings.

MADE IN USA



The all new Dimension 4 III is made proudly in the USA. Components are manufactured in our on-site machine shop at our headquarters in Kalamazoo, Michigan. We use USA sourced aircraft grade aluminum for the majority of the construction. Each machine is assembled with care by our skilled technicians.



2 Year Parts warranty

Exceptions: Computer (motherboard, RAM, hard drive, floppy drive, power supply) and Computer Peripherals (mouse, keyboard, printer, monitor, camera) which are covered under their respective manufacturer's warranty. Consumable parts such as Power Cables, are covered under warranty for 90 days.



Aluminum Cabinet

The Dimension 4 Alignment systems feature a cabinet that is made from aircraft aluminum (Aluminum = no corrosion) in Kalamazoo. This cabinet offers a robust design and full portability for ease of use and time savings. The Cabinet allows the user to store the targets and clamp adapters conveniently after each alignment.



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