



Rear Axle Alignment

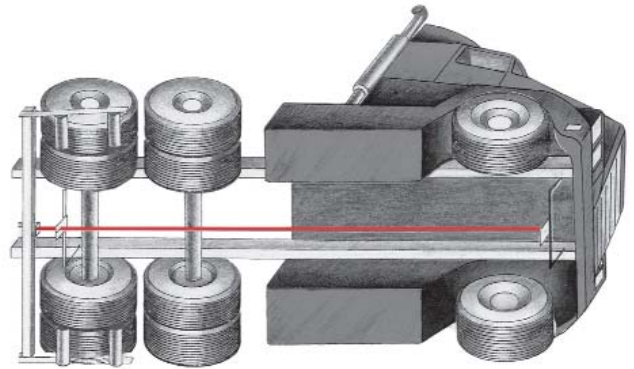


With the 21000 Rear Axle Aligner you can take rear axle alignment to your customers' shops, terminals or wherever they might be located. The 21000 is constructed out of light-weight, durable and strong aluminum, making it easy to transport. The 21000 comes with the laser assembly built into the rear channel, reducing the risk of damage to your equipment during transportation to and from different locations.

Bee Line develops alignment systems based on the center line of the vehicle. In order for a vehicle to achieve proper tracking, the wheels must travel parallel to the center line. All rear axles, including offset axles and axles with different tire spacers or different size tires are set perfectly at 90 degrees to the centerline of the vehicle regardless of whether the chassis is centered over the axle.

The Proven Bee Line self-centering Wheel Cradles assure the correct position of the laser when seated on the cradles in relation to the axle. Wheel Cradles eliminate the need for run-out and raising the vehicle off the floor, allowing the operator to gauge the suspension alignment in its operational position.

The 21000 system is so versatile, it can be used on the floor of your shop or on Bee Line's Advanced Aligner Runway System.



The proven 21000 lets you accurately position your rear axles perpendicular to the vehicles center line allowing the wheels to travel in a straight line.



The wheel cradles feature rack and pinion frame gauges that assure accuracy when determining the axle center.



Centerline Gauging



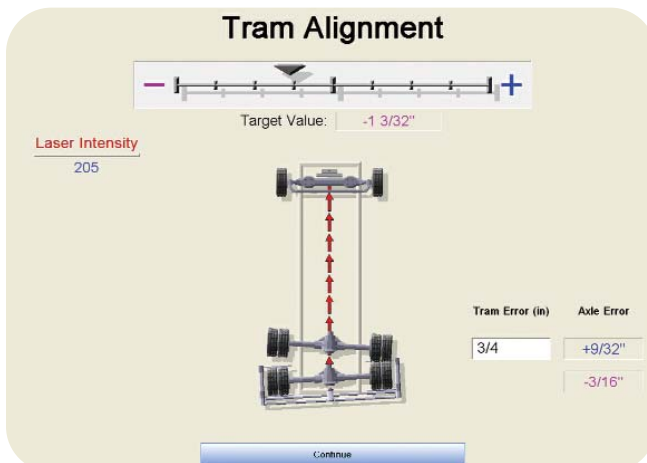
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21000 Rear Axle Aligner Features:

- Access to AC power is not required.
- Long life ni-cad battery that powers the laser for up to 20 hours before recharging is necessary.
- Wheel Cradles weigh only 32 lbs. and the Rear Beam weighs only 10 lbs.
- User friendly construction allows even novice users to assemble the Rear Axle Aligner and take all necessary measurements in just a few minutes..
- Easy one person operation.
- Calibrates easily to assure consistent accuracy.
- Fastest method of accurately gauging rear axle alignment.
- Save up to 30% on tire costs and up to 2% on fuel costs.



The aluminum beam is seated parallel to the axle and emits a laser that travels through a slot in the rear target that hangs in a centered position between the frame rails.



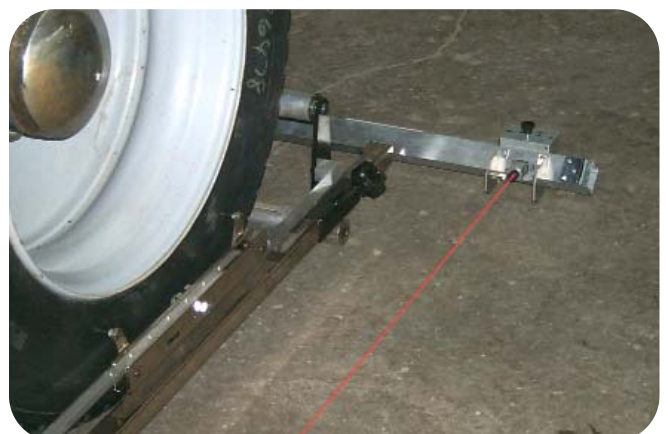
When used with an EPM850 Electronic Target, live readings are displayed in WindSpeed 7000.



The laser travels forward in a line identical to the axles thrust line and strikes the front target which measures the amount of axle error from the centerline of the vehicle.



Trailer axles can be aligned by moving the cradles and beam to the trailer axles. The tandem target hangs from the kingpin.



The 21000 can be ordered with an optional side shooting feature. This configuration is ideal for lower profile vehicles.