

Heavy Duty Wheel Alignment



Advantages

monitor 8 wheels simultaneously, and finish the adjustment at a time.

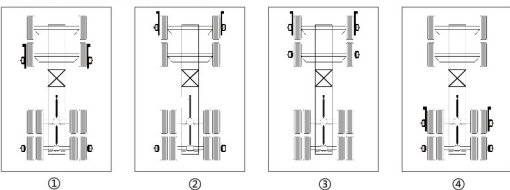
Exclusively for truck and bus:

3D technology overcomes all disadvantages of 2D technology, such as mismeasurement, low precision, human factors, which are caused by following reasons:

1. Original errors caused by wheel rim deformation cannot be eliminated by compensation.
2. Errors caused by wheel clamp deformation can not be eliminated.
3. Precision of truck should be higher than that of cars, but 2D technology makes it lower.
4. Different measurement results caused by different operational approaches and strength.

3D technology adopts anti-shake measurement technology. It can eliminate time errors caused by car body shake within 20 seconds, improving labor efficiency. Meanwhile, it avoids problems caused by wireless and high-frequency interference. It can be used at any indoor places.

Traditional Heavy Duty Wheel Alignment Procedure (Dual Axles Turning Model)

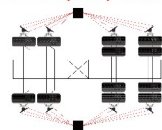


Step 1 Picture ① shows that reference is No.4 axle, adjust the toe of No.2 axle;
Step 2 Picture ② shows that reference is No.4 axle, adjust the toe of No.1 axle;
Step 3 Picture ③ shows that the drag link between No.1 and 2 axle makes No.1 and 2 axle parallel;

Step 4 Picture ④ shows that the adjustment of No.3 axle individual toe.

Remarks: When installing sensors, wheels need to be lifted to make run-out compensation.

3D Heavy Duty Wheel Alignment Procedure



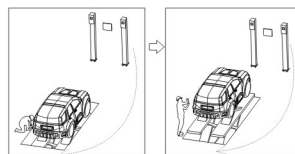
- Step 1 Install 8 wheel clamps and targets.
- Step 2 place two sensor boxes as the picture instructs.
- Step 3 Drive the truck forward about 8° to finish run-out compensation.
- Step 4 Get the results of 4 axes and still keep real time monitoring the change.

Mobile 3D Wheel Alignment

Model: TE200

NO FIELD CALIBRATION

Mobile: Fit for a variety of venues and multi-station. All-round machine, without installation. Support Multi-screen Display. All data can be shown on LCD, cell phone with android system and tablet PC simultaneously.

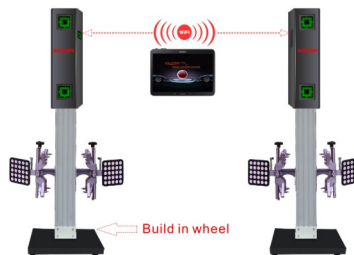


1. Wheel alignment can be operated in front of the car, or back of the car.

2. When finish wheel alignment in lift A, it can be moved to lift B for other car wheel alignment.

ALL-ROUND MOBILE 3D WHEEL ALIGNMENT

Model: TE400



NO FIELD CALIBRATION

Mobile four wheel positioning instrument adopts new technology. It overcomes the disadvantages caused by variety of venues and other equipment used for wheel alignment. It adopts internal communication by WIFI, making it possible to operate wheel alignment in different venues, different stations in front of or back of the vehicle. It can be applied to double scissor lift, small scissor lift, 2 posts lift (floor plate), 2 posts lift (clear floor) and the ditch type lift. With high precision and stability it can also be connected to a cell phone with Android system to improve work efficiency and usage rate of equipment.

SUCVARY®

3D WHEEL ALIGNMENT



MOBILE
HEAVY DUTY
FOR TWO-POST LIFT
FOR SMALL-SCISSORS LIFT



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