truckCam™

END OF LINE

FOR BUS & COACHES MANUFACTURERS

BODY CENTERLINE PRINCIPLE

THE EOL SYSTEM FOR BUSSES AND COACHES IS a wheel alignment station designed to perform fast, accurate and process controlled measurements.

Optimized for an industrial production environment. Measuring is performed simultaneously for all axles and live values are displayed during the adjustment.

DESIGNED FOR HARSH INDUSTRIAL ENVIRONMENT, the system enables measurement of wheel angles in relation to the body of the bus or coach to achieve optimal driving performance.

This scalable solution uses a tripod camera sensor technology handling all kinds of production volumes.

PROCESS CONTROLLED SEQUENTIAL SOFTWARE

THE SYSTEM GUIDES THE OPERATOR through a controlled flow to perform the measurement following the factory parameters and manufacturing data.

This minimizes operator dependency during measurement giving you consistent quality.

PROCESS CONTROLLED CALIBRATION

CALIBRATION OF CAMERAS (and wheel adapters when applicable) is performed on a separate calibration fixture.

Calibration sequences are controlled by the system's software, offering to the operator a guided step-by-step process.

FULLY SCALABLE

THE SYSTEM IS SUITABLE FOR ALL TYPES OF VEHICLES with different axle configurations and suspensions for coaches, city and intercity buses, articulated buses and electrical buses.

3 STEPS MEASURING WITH BUS & COACH EOL SYSTEMS

01 VEHICLE INPUT

The operator chooses the correct vehicle type from the system and enter the VIN number or bar code to start the measurement.

02 GUIDED PROCESS

The software guides the operator through the measurement, showing the result in green values if inside tolerance and red values if outside tolerance.

03 PRINT AND SAVE

The result is saved in a local database (or customized data solution) and there is a possibility to print a vehicle protocol.

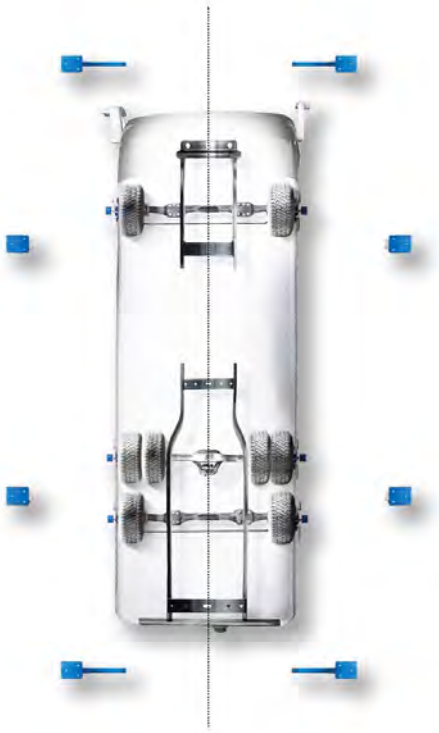
BUS & COACH WHEEL ANGLES

The system measures the following wheel angles:

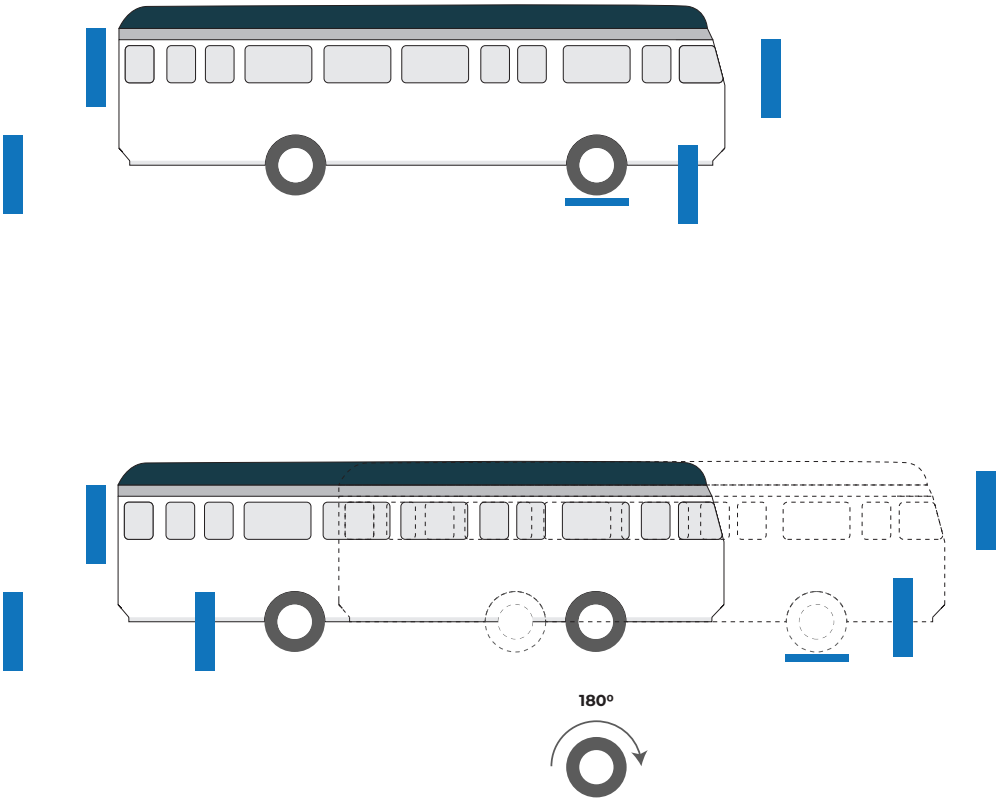
- Total toe,
- Individual toe,
- Camber,
- Out of square,
- Off set and
- Parallelism between axles

Wheel angles like caster KPI, max turn and toe out on turn are measured using the integrated gyroscope.

BODY CENTERLINE



STATIC OR DYNAMIC



MAIN ADVANTAGES

- Body center line reference
- Process controlled software and calibration
- Fully scalable for vehicle configurations and production volumes
- Traceability through data storage
- Possible add-ons such as AEBS – Autonomous Emergency Breaking System

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