

Mercedes-Benz HD Alignment

Customized for aligning all Mercedes-Benz commercial vehicles

NEW



Meets or exceeds new equipment requirements for Mercedes-Benz workshops

- ✓ Heavy-duty commercial trucks, buses, trailers, and vans (Sprinter, Citan, Vito, and Viano) can be measured.
- ✓ Frame reference mode measures angles relative to chassis/body centerline.
- ✓ Axle reference mode measures angles relative to thrustline of rear reference axle.
- ✓ No need to put spacer plates under rear wheels.
- ✓ Use truck pusher to roll vehicle a short distance (~ 22 inches (~ 559 mm)) to automatically compensate for lateral runout on up to 3 axles simultaneously.
- ✓ No axle jacking required.
- ✓ Quick Check® printouts can be used to sell wheel alignment service.

Floor slope mapping & memorizing

- ✓ Automatically compensates for non-level alignment bays to ensure precise measurements.
- ✓ The actual floor slope from any number of workshop bays can be mapped and memorized.
- ✓ Move the aligner from bay-to-bay without hassle.
- ✓ No need for additional measuring devices to compensate measurements.



Standard equipment features



15-28 inch adaptors shown

Self-centering adaptors

- ✓ High versatility for trucks and buses with low-hanging bumpers or air dams
- ✓ Supplied adaptors fit 15-28 inch or 10-20 inch rim diameters



PATENT PENDING

Truck pusher

- ✓ Easily move vehicle for rolling compensation
- ✓ Rechargeable battery
- ✓ Also services as a wheel chock



Mobile turnplates

- ✓ Four mobile turnplates included
- ✓ Portable between alignment bays
- ✓ For single or twin steer axle vehicle alignment

Optional equipment

A. Stationary turnplates

Optional stationary PowerSlide pneumatic turnplates automatically lock and unlock during the alignment process. Stationary mechanical turnplates are also an option.

Installed with floor mount ramps or can be flush/surface mounted.



B. Trailer king pin adapter – 175-485-1

C. Trailer tow eye adapter – 175-486-1

D. Trailer dolly – 20-3161-1

E. Bus body reference stands – 20-3246-1

Includes 4 stands

F. Frame offset measurement tool – 221-646-1

G. Frame reference support bar – 208-34-1

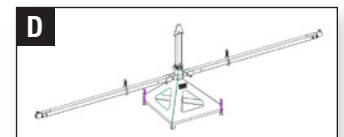
H. Heavy-duty frame dowel adapter – 20-3279-1

For Mercedes-Benz Actros 2011 and later

I. Sensor storage

Sensor storage cart provides convenient access to alignment instruments when you need them and convenient storage when you don't.

Standard with 6 sensor system



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HTA-MBHD equipment packages

INCLUDED EQUIPMENT PER PACKAGE	6 SENSOR SYSTEM	4 SENSOR SYSTEM
Compact mobile cabinet with accessory hanger	✓	✓
Brake pedal depressor	✓	✓
Steering wheel holder	✓	✓
Configured computer	✓	✓
LCD color monitor (24 inch)	✓	✓
DSP760T cordless optical sensors	6	4
Wheel adapters (15-28 inch)	6	4
Wheel adapters (10-20 Inch)	2	2
Sensor shaft extensions	2	2
Sensor storage	✓	✓
Sensor storage cart	✓	
Battery charger	✓	✓
Mobile Turnplates	4	4
Frame Gauges	2	2
Truck Pusher	✓	✓
Wheel chock with distance cable	✓	✓
Hand Held XF Radio Remote Control	✓	✓

DSP700T SENSOR FEATURES	DSP760T	DSP740T
Axles live	3	2
Wireless communications		✓
Pro-Comp® continuous compensation		✓
Rolling compensation		✓
Level Reminder® on-screen leveling		✓
Interrupted measurement retention		✓
Light-weight construction		✓

CONSOLE FEATURES	
3.7 GHz Intel® Core™ i3 processor	✓
4 GB RAM	✓
250 GB SSD (or greater) hard drive	✓
DVD-RW/CD-RW drive	✓
Windows® 10 operating system	✓
WinAlign® HD software Mercedes-Benz	✓
Specification data for Mercedes-Benz and non-Mercedes-Benz vehicles with WebSpecs®	✓
2 consecutive years of free specification database updates	✓
2 years of free HunterNet® access	✓



Compact mobile console shown with LCD monitor and keyboard

OPTIONAL ACCESSORIES

20-2974-1	DSP740T to DSP760T upgrade Kit – Includes 2 middle sensors, 2 middle adaptors, recharge components and storage supports for middle sensors
20-3291-1BLK	Floor Mount Rolling Compensation Kit with PowerSlide™ Turnplates – Includes FIA control box, 4 ramps, 2 rolling compensation platforms, 2 removable steel wheel chocks, and 2 PowerSlide™ pneumatic turnplates with pneumatic turnplate bridges
20-3292-1BLK	Floor Mount Rolling Compensation Kit with Mechanical Turnplates – Includes 4 ramps, 2 rolling compensation platforms, 2 removable steel wheel chocks, and 2 mechanical turnplates with mechanical turnplate bridges
20-3293-1BLK	Surface/Flush mount Rolling Compensation Kit with Mechanical Turnplates – Includes 2 mechanical turnplates with mechanical turnplate bridges, 2 leveling plates and hardware to be installed into a concrete pocket located in the floor
20-3294-1BLK	Surface/Flush mount Rolling Compensation Kit with PowerSlide™ Turnplates – Includes FIA control box, 2 PowerSlide™ pneumatic turnplates with pneumatic turnplate bridges, 2 leveling plates and hardware to be installed into a concrete pocket located in the floor
20-3295-1BLK	Surface/Flush mount Pocket Only Kit – Includes 2 leveling plates and hardware to be installed into a concrete pocket located in the floor
20-3335-1BLK	Mechanical Turnplate kit – Includes 2 Mechanical turnplates with mechanical turnplate bridges
20-2881-1-E	Remote Indicator
20-2882-1-E	Cordless Remote Indicator
221-646-1	Frame offset measurement tool
20-3253-1	Kit - HD Frame Gauge Includes (1) 208-34-1, (1) 175-485-1, and (1) 175-486-1
208-34-1	Frame Reference Support Bar
175-485-1	Trailer King Pin Adapter
175-486-1	Trailer Tow Eye Adapter
20-3279-1	Kit - Adapter- HD Frame Dowel (set of 2)
20-3161-1	Trailer Dolly
20-2927-1	DSP700T Battery Charger Includes external 6 battery charger, 6 additional sensor battery packs
20-3246-1	Bus Body Reference Stands – Includes 4 stands
69-1025-2	Equipment cover

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