

HTA-MB-R Wheel Alignment Systems

Customized for Aligning All Mercedes-Benz Vehicles



Mercedes-Benz HTA-MB-R Wheel Alignment Systems

Approved Equipment for all Mercedes-Benz Workshops

Hunter has designed the Mercedes-Benz HTA-MB-R wheel alignment systems to meet the specific requirements of Mercedes-Benz workshops and provide superior high-precision alignment on all cars and light commercial vehicles. A customized version of Hunter's WinAlign® alignment software has been designed to meet the specifications of Mercedes-Benz vehicles.

Customized Alignment Software

Customized WinAlign alignment software guides the Mercedes-Benz technician through a simple, vehicle-specific alignment process with step-by-step instructions and clear, concise graphics. The work sequence is so flexible that it is possible to move to another part of the program at any time.

Complete Mercedes-Benz Model Support

Hunter's customized WinAlign alignment software includes new alignment steps necessary for proper wheel alignments on all Mercedes-Benz models.

"Before" Measurements	Left	Right
Front Ride Height	6.38°	6.4°
Ball Point	mm	mm
Rear Ride Height	4.70°	4.65°
Control Point		•
Rear Caster	6.50°	6.45°

Enter data, then press "Save "Before" Ride Height".

Buttons: Cancel, Select, Save "Before"

The Mercedes-Benz customized WinAlign alignment software provides easy-to-follow vehicle-specific procedures to simplify alignment service.



Complies With All Mercedes-Benz Adjustment Requirements

Mercedes-Benz HTA-MB-R Wheel Alignment System Offers:

Speed

- ✓ Mount targets
- ✓ View measurements

It's that quick!

No need to install spoiler adapters. No need to remove or adjust targets during the alignment procedure.

Durability / Low Long-Term Cost of Ownership

- ✓ No electronics at the wheel; no electronic circuitry to damage if targets are dropped
- ✓ No moving parts and virtually maintenance-free
- ✓ No batteries

Ease of Use

- ✓ Wide field of view
- ✓ Vehicle can be raised to a comfortable working height for adjustment
- ✓ No cables or electronic signals between the targets and the console

Mercedes-Benz HTA-MB-R Wheel Alignment Systems use HawkEye® Digital Imaging Sensors

HawkEye® Sensors offer speed, durability, ease of use and are engineered to provide low long-term cost of ownership. Sensors have no electronics at the wheel, no batteries and no moving parts. Four high-resolution digital video cameras continuously measure wheel position and multi-dimensional modeling provides accurate, high-speed alignment measurements.



Lightweight, durable targets are easy to install.



Targets contain no electronics to damage if dropped.

Alignment Targets

Patented, lightweight targets have no electronic circuitry to damage if dropped and require no calibration, making them virtually maintenance-free.

Choose the right sensor package for your shop!

HawkEye Sensors provide the same high-speed screen updates as conventional sensors. Four high-resolution digital cameras (one per target) continuously monitor

targets at each wheel. Targets have no electronic circuitry to damage if dropped and require no calibration, making them virtually maintenance-free.



Wall- and ceiling-mount configurations are perfect when space is at a premium.



Cabinet-mounted configurations are mobile to service multiple alignment bays and provide a full range of travel for additional lift height.



Floor-mounted overhead camera configuration is suitable for drive-through applications.

Mercedes-Benz Console Options

HTA-MB-R Equipment Package

Alignment Console includes

- WinAlign® WA300 Series console with compact cabinet
- Configured computer (specification listed below)
- 24" LCD color monitor
- HS421WMMB sensors with high-definition targets
- Storage panel and Interface Cable Kit for Mercedes-Benz Electronic Level Gauge
- Handheld wireless remote control
- (2) 20-1963-1 50mm turnplate bridges
- 20-1900-1 Quick Clamp Adaptor Support Kit

Computer Specifications:

- Current WinAlign® software
- Special Mercedes-Benz software and specification database
- Electronic software authorization key for MB software
- Two years of VID updates
- 3.3 GHz Intel Core i3
- 4 GB RAM
- 120 GB SATA (or greater)
- Single DVD/CD-RW Drive
- USB 2.0
- Network module
- Mouse
- Windows® 7
- HP color printer
- Keyboard
- iShop™ and ASANet™ compatible

All new configurations include a 3-year warranty on PC and installed components.
(Note: Does not include self-centering adaptors nor MB Special Adaptors)



WA372MB console



WA474MB console



WA473MB console

Basic Compliance Equipment Package

Computer Includes:

- Current WinAlign® software
- Special Mercedes-Benz software and specification database
- Electronic software authorization key for MB software
- Two years of VID updates
- 3.3 GHz Intel Core i3
- 4 GB RAM
- 120 GB SATA (or greater)
- Single DVD/CD-RW Drive
- USB 2.0
- Network module
- Mouse
- Windows® 7
- HP color printer
- Keyboard
- iShop™ and ASANet™ compatible

Standard Accessories:

- Handheld wireless remote control
- Steering wheel holder
- Brake pedal depressor
- Select one of the following camera sensor types: WM, FM, CM3 or CM4
- High-definition targets
- Stainless steel turnplates - low friction (20-1918-1) (two required)
- Kit to modify MB alignment tool to fit on Hunter alignment lifts (20-1194-1)
- Bar code reader

Lift Options

RXDC Scissor MKS Alignment Lift:

- MKS alignment sensor brackets
- (2) PowerSlide low-friction stainless steel turnplates
- Low-profile 2-stage ramps
- (1) MKS jack adaptor and storage bracket
- 80" long full-floating slipplate with PowerSlide central locking system
- Fast 48-second raise time
- Integrated air line kit
- Clip-on movable workstep



RXDC
(Shown with optional second jack)

RXDC-IS

Same as RXDC plus Inflation Station

RXDCFIS

Same as RXDCF plus Inflation Station

Optional Jacks for RXDC:

6,000-lb. capacity swing air jack (133-69-1)
4,500-lb. capacity swing air jack (133-67-1)

RXDC

11,000-lb. capacity, open front and rear,
(1) 6,000-lb. capacity swing air jack

RXDCFT

RXDC flush-mount for low-clearance vehicles.
Same as RXDC except no clip-on movable worksteps included.

4PMB 4-Post MKS Alignment Lift:

- MKS alignment sensor brackets
- (2) 20-1962-1 50mm low-friction stainless steel turnplates
- Harting rack wiring kit
- Low-profile 2-stage ramps
- (1) MKS jack adaptor and storage bracket
- 100" long full-floating slipplate
- Fast 44-second raise time
- Integrated air line kit
- Standard lubricator / air filter with auto drain
- Clip-on movable workstep
- Built in rub rails

4PMBT

18,000-lb. capacity, closed front,
(1) 9,000-lb. capacity swing air jack

4PMBT-PS

Same as 4PMBT plus PowerSlide slipplates and turnplates and one additional jack



MKS Alignment Sensor Brackets and Harting Rack Wiring Box

MKS Jack Adaptor

Low-Profile 2-Stage Ramps



4PMBT
(Shown with optional turnplates)

4PMBT-IS

Same as 4PMBT-PS plus Inflation Station

Optional Jacks for 4PMB:

9,000-lb. capacity swing air jack (133-83-1)
6,000-lb. capacity swing air jack (133-69-1)
4,500-lb. capacity swing air jack (133-67-1)

Optional Accessories

Exclusive Easy-to-Use Features Provide Greater Versatility and Extra Durability

Specialized Mercedes-Benz wheel adaptors have long tire hooks that easily attach to the tread blocks of Mercedes-Benz performance tires. The long hooks are also useful on models that have tight gaps between the tire and rim. The lower profile of the long hooks enable them to stay close to the tire.



Mercedes-Benz Quick Clamp Wheel Adaptor 175-349-1

Mount quickly and easily to Mercedes-Benz wheel assemblies to speed setup and reduce overall alignment time (4 required).



Quick Clamp Support Kit

Convenient storage shelves for Quick Clamp Wheel Adaptors and targets. (Standard with HTA-MB-R) Shown with optional wheel clamps and targets.



Remote LED Indicator 30-419-1

Provides remote display of live vehicle measurements.



Self-Centering Wheel Adaptor 175-325-1

Used to align Sprinter vans, Smart cars, and other non-Mercedes-Benz vehicles



WinAlign™ Alignment Software upgrades may require additional and/or upgraded hardware. Because of continuing technological advancements, specifications, models and options are subject to change without notice.

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