

HTA-MB Wheel Alignment Systems

Customized for Aligning All Mercedes-Benz Vehicles



***Mercedes-Benz – Approved
Hunter Performance Features
Save Time and Effort ...***



asanetwork

Supports ASA-Network
Integration

HUNTER
Engineering Company

Mercedes-Benz HTA-MB-R Wheel Alignment Systems

Approved Equipment for All Mercedes-Benz Workshops

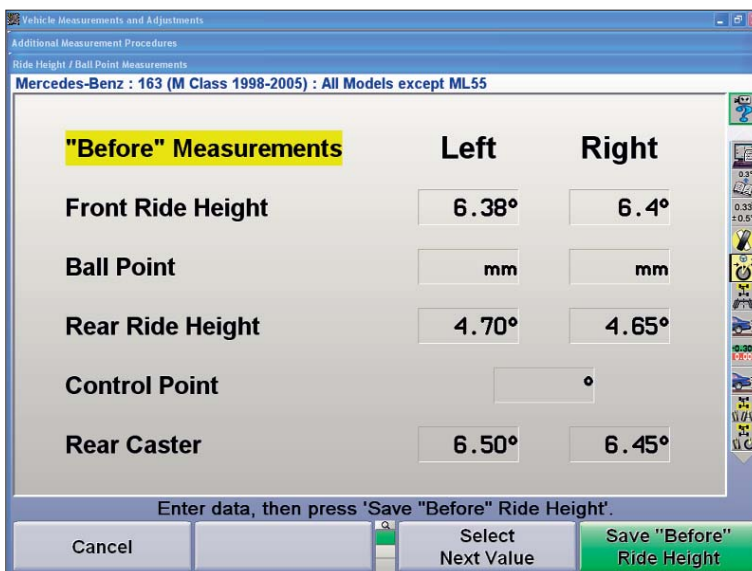
Hunter has designed the Mercedes-Benz HTA-MB-R wheel alignment systems to meet the specific requirements of Mercedes-Benz workshops and provide superior high-precision alignment on all cars and light commercial vehicles. A customized version of Hunter's WinAlign® alignment software has been designed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

■ Customized Alignment Software

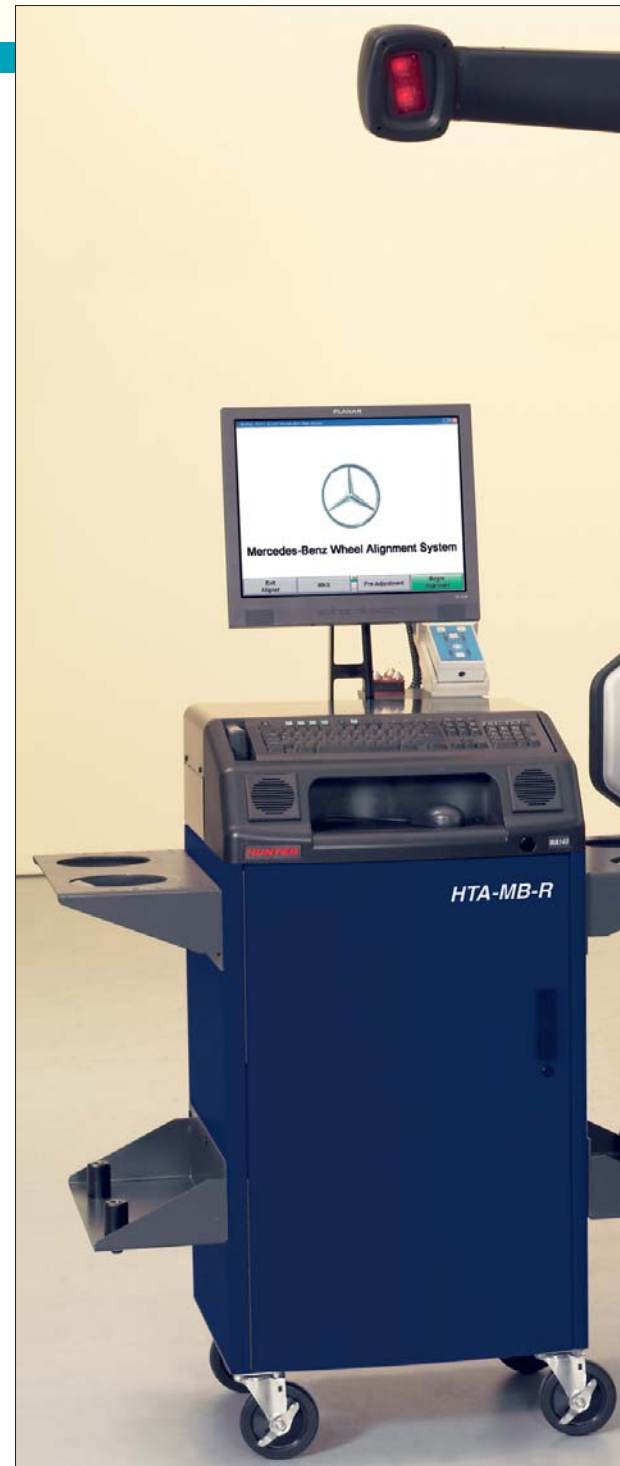
The customized WinAlign alignment software guides the Mercedes-Benz technician through a simple, vehicle-specific alignment process with step-by-step instructions and clear, concise graphics. The work sequence is so flexible that it is possible to move to another part of the program at any time.

■ Complete Mercedes-Benz Model Support

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



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



Mercedes-Benz HTA-MB-R

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.

Lift Options

RX DC

RX Scissor MKS Alignment Rack, 11,000-lb. capacity, open front and rear, with (1) 6,000-lb. capacity swing air jack



RX DC

Shown with optional second jack

RX DC-P

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

RX Scissor MKS Alignment Rack Includes:

- MKS Alignment Sensor Brackets
- Harting Rack Wiring Kit
- Low-Profile 2-Stage Ramps suitable for SLR Sports Car
- (1) MKS Jack Adaptor and storage bracket
- 80" long full-floating slipplate with PowerSlide® central locking system
- Built in 50mm turnplate pockets
- Fast 48 second raise time
- Integrated Air Line Kit
- Standard lubricator / air filter with auto drain
- Clip-On Movable Workstep
- Built in rub rails

Optional Jacks for Scissor Alignment Rack (RX DC):

(1) 6,000-lb. capacity swing air jack is standard. Other jacks may be substituted. A second jack of any type may be added.

6,000-lb. capacity swing air jack

4,500-lb. capacity swing air jack

4,500 lb. capacity air-actuated power jack



MKS Alignment Sensor Brackets and Harting Rack Wiring Box



MKS Jack Adaptor



Low-Profile 2-Stage Ramps

4P DC

4-Post MKS Alignment Rack, 12,000 lb. Capacity, Closed Front, with (1) 8,000 lb. Capacity Swing Air Jack

4-Post MKS Alignment Rack Includes:

- MKS Alignment Sensor Brackets
- Harting Rack Wiring Kit
- Low-profile 2-Stage Ramps suitable for SLR Sports Car
- (1) MKS jack adaptor and storage bracket
- 80" long full-floating slipplate with spacer kit installed and tethered lock pins
- Built in 1 1/2" turnplate pockets
- Fast 44 second raise time
- Integrated Air Line Kit
- Standard lubricator / air filter with auto drain
- Clip-On Movable Workstep
- Built in rub rails



4P DC

(Shown with optional turnplates)

Optional Jacks for 4-Post Alignment Rack (4P DC):

(1) 8,000-lb. capacity swing air jack is standard. Other jacks may be substituted. A second jack of any type may be added.

8,000-lb. capacity swing air jack

4,500 lb. capacity swing air jack

4,500 lb. capacity air-actuated power jack

Mercedes-Benz Console Options



HTA-MB-R Console
Shown with HS401 Hexagonal Targets
and Quick Clamp Adaptors



HTA-MB Console
Shown with Optional DSP508-MB Sensors
and Quick Clamp Adaptors

HTA-MB-R Equipment Package

Alignment Console includes:

- WinAlign® WA100 Series console with compact cabinet
- Configured computer (specification listed below)
- 17" LCD color monitor
- HS401WMMB sensor with hexagonal 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
- (2) 20-1962-1 50mm low-friction stainless steel turnplates

Computer Specifications:

- WinAlign® Software with
- Special Mercedes-Benz software and specification database
- Electronic software authorization key for MB software
- Two years of VID updates
- Intel Pentium Dual-Core 1.6 GHz (or greater)
- 1 GB RAM
- 80.0 GB SATA (or greater)
- Single DVD/CD-RW Drive
- USB 2.0
- Mouse
- Windows Vista Basic
- HP color printer
- Keyboard

HTA-MB Equipment Package

Alignment Console includes:

- WinAlign® WA100 Series console with compact cabinet
- Configured computer (specification listed below)
- 17" LCD color monitor
- DSP506-MB sensors
- Storage panel and Interface Cable Kit for Mercedes-Benz Electronic Level Gauge
- Handheld wireless remote control
- Pre-wired for multimedia & cordless sensor charging
- (2) 20-1786-1 Electronic turnplates with protective covers for DSP500 Sensors
- 20-1374-1 Harting 5 Cable Kit for connecting to an MB MKS compliant rack
- (2) 20-1394-1 Offset adaptor (50mm) used to clear spoilers
- 20-1889-1 DSP500 Quick Clamp Adaptor Support Kit

Computer Specifications:

- WinAlign Software with
- Special Mercedes-Benz software and specification database
- Electronic software authorization key for MB software
- Two years of VID updates
- Intel Pentium Dual-Core 1.6 GHz (or greater)
- 1 GB RAM
- 80.0 GB SATA (or greater)
- Single DVD/CD-RW Drive
- USB 2.0
- Mouse
- Windows Vista Basic
- HP color printer
- Keyboard

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



**Complies With
All Mercedes-Benz
Adjustment
Requirements**

Wheel Alignment System Offers:

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 System uses Digital Imaging Sensors

Hunter Digital Imaging Alignment 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.



Alignment Targets

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

Targets have no electronics to damage if dropped.

Approved Sensor Configurations



The wall-mount HS401WMMB is designed for straight or herringbone bay applications. This configuration is also easily adapted to mount from the ceiling.



The HS401FMMB floor-mounted overhead camera configuration is suitable for drive-through applications.

HTA-MB Wheel Alignment System With DSP506-MB Sensors



Enhanced Reliability

- Instantaneous data transfer between sensors and alignment console
- Sturdy construction reduces potential damage to sensor
- “Foolproof” locking mechanism prevents movement after mounting
- Optional DSP508 sensors feature rear toe arms for total around-the-car Cal-Check® toe calibration checking.

Ease of Use

- Optional DSP506XF-MB or DSP508XF-MB cordless sensors remove hassle of connecting cables
- Cordless sensor batteries provide a full day of continuous operation and are “hot-swappable”, ensuring measurements are not lost during battery replacement
- Quick, precise measurement readings
- Fast, simple sensor calibration



Optional DSP508XF-MB Cordless Sensors* provide high-speed data communication without the extra service time associated with cable connectivity.

Optional Accessories

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

Specialized Mercedes-Benz wheel adaptors have new longer tire hooks that easily reach around the tread blocks of Mercedes-Benz vehicles equipped with performance tires. The long hooks are also useful on models that have tight gaps between the tire and wheel opening. 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 tire/wheel assemblies to speed setup and reduce overall alignment time (4 required).



DSP506-MB Quick Clamp Supports

Convenient storage shelves for Quick Clamp Wheel Adaptors and DSP506-MB Sensors. (Standard with HTA-MB) Shown with optional wheel clamps and sensors.



HawkEye-Series Adaptor 175-325-1

For servicing vehicles other than Mercedes-Benz. Patented Alignment Targets remain centered while the technician clamps the adaptor to non-Mercedes-Benz rims.



DSP500-Series Adaptor 175-321-1

Hunter's conventional DSP500 Alignment Sensors remain centered while the technician clamps the adaptor to non-Mercedes-Benz rims.



HawkEye™ Quick Clamp Supports

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

Display provides graphic indication of live measurements. View measurements with touch of a key.

Visit our Web site at www.hunter.com

HUNTER

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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.