

# ***HTA-MB-TD Alignment Systems***

***Customized for aligning all Mercedes-Benz vehicles***



# HTA-MB-TD alignment systems complies with all Mercedes-Benz adjustment requirements

## Approved equipment for all Mercedes-Benz workshops

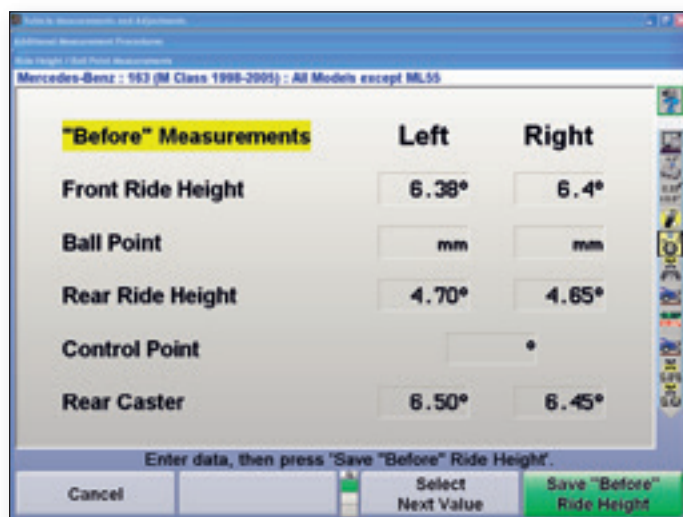
Hunter has designed the Mercedes-Benz HTA-MB-TD wheel alignment systems to meet the specific requirements of Mercedes-Benz workshops and provide superior high-precision alignment on all cars and light commercial vehicles. A customized version of Hunter's WinAlign® alignment software has been designed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



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



**Note:** Cover photo and photo to right shown with optional Mercedes-Benz docking station.

## Mercedes-Benz HTA-MB-TD Wheel Alignment System offers:

### Speed & precision

- ✓ Mount targets
- ✓ Roll forward
- ✓ 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 components to  
damage if targets are dropped
- ✓ Virtually maintenance-free

### Ease-of-use

- ✓ Wide field-of-view
- ✓ Make adjustments  
from any vehicle height
- ✓ No cables



# **Mercedes-Benz HTA-MB-TD alignment systems use HawkEye Elite® digital imaging sensors**



HawkEye Elite® 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.

HawkEye Elite® sensors provide the same high-speed screen updates as conventional sensors. Four high-resolution digital video cameras continuously measure wheel position and multi-dimensional modeling provides accurate, high-speed alignment measurements.



*PATENTED*

## **Alignment Targets**

Easy-to-install, 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!***



Wall- and ceiling-mounted 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-TD Equipment Package

### Alignment console includes

- ✓ WinAlign® WA600 series console with compact cabinet
- ✓ Configured computer (*specifications listed below*)
- ✓ 24" LCD color monitor
- ✓ HawkEye Elite® HE421 sensors with three-dimensional 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
- ✓ 3.7 GHz Intel® Core™ i3 processor
- ✓ 4GB RAM
- ✓ 250GB SSD (or greater) hard drive
- ✓ Single DVD/CD-RW Drive
- ✓ USB 3.0/2.0
- ✓ Network module
- ✓ Mouse
- ✓ Windows® 10
- ✓ 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



**WA674MB console**



**WA673MB console**

### Basic Compliance Equipment Package

- ✓ Current WinAlign® software
- ✓ Special Mercedes-Benz software and specification database
- ✓ Electronic software authorization key for Mercedes-Benz software
- ✓ Two years of VID updates
- ✓ 3.7 GHz Intel® Core™ i3 processor
- ✓ 4GB RAM
- ✓ 250GB SSD (or greater) hard drive
- ✓ Single DVD/CD-RW Drive
- ✓ USB 3.0/2.0
- ✓ Network module
- ✓ Mouse
- ✓ Windows® 10
- ✓ 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 or CM
- ✓ Three-dimensional targets
- ✓ Stainless steel turnplates - low friction (20-1918-1) (two required)
- ✓ Kit to modify MB alignment tool to fit Hunter alignment lifts (20-1194-1)
- ✓ Bar code reader

# Lift options

## RXDC Scissor MKS Alignment Lift

- ✓ MKS alignment sensor brackets with Harting wiring kit
- ✓ 11,000-lb. capacity
- ✓ Open front and rear workspaces
- ✓ (1) 6,000-lb. capacity swing air jack
- ✓ (1) MKS jack adaptor and storage bracket
- ✓ (2) PowerSlide™ low-friction stainless steel turnplates
- ✓ Low-profile 2-stage ramps (on surface-mounted models only)
- ✓ 80" long full-floating slipplate with PowerSlide™ central locking system
- ✓ Fast 48-second raise time
- ✓ Integrated air line kit
- ✓ Movable workstep (on surface-mounted models only)



*RXDC* shown with optional second jack

### Models

**RXDC** Surface-mounted lift

**RXDCFT** Flush-mounted lift

**RXDC-IS** Surface-mounted lift with Inflation Station

**RXDCFIS** Flush-mounted lift with Inflation Station

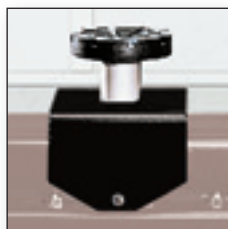
### Optional Jacks for RXDC

**133-69-1** 6,000-lb. capacity swing air jack

**133-67-1** 4,500-lb. capacity swing air jack



*MKS alignment sensor brackets and Harting rack wiring box*



*MKS jack adaptor*



*Low-profile 2-stage ramps*



**4PMBT-IS**

### Models

**4PMBT** Four-Post lift

**4PMBT-PS** Four-Post lift with PowerSlide slipplates and turnplates and one additional swing air jack

**4PMBT-IS** Four-Post lift with PowerSlide slipplates and turnplates, Inflation Station and one additional swing air jack

## 4PMB Four-Post MKS Alignment Lift

*The only Mercedes-Benz approved alignment rack for Sprinter*

- ✓ MKS alignment sensor brackets with Harting wiring kit
- ✓ 18,000-lb. capacity
- ✓ 26" extra-wide runways
- ✓ (1) 9,000-lb. capacity swing air jack
- ✓ (1) MKS jack adaptor and storage bracket
- ✓ (2) 20-1962-1 50mm low-friction stainless steel turnplates
- ✓ Low-profile 2-stage ramps
- ✓ 100" long full-floating slipplate
- ✓ Fast 44-second raise time
- ✓ Integrated air line kit
- ✓ Standard lubricator / air filter with auto drain
- ✓ Movable workstep

### Optional Jacks for 4PMB:

**133-83-1** 9,000-lb. capacity swing air jack

**133-69-1** 6,000-lb. capacity swing air jack

**133-67-1** 4,500-lb. capacity swing air jack

# 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.



### Wheel adaptors suitable for Mercedes-Benz vehicles – 175-349-1

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



### Universal QuickGrip® Adaptor

Used to align Mercedes-Benz vehicles with aftermarket wheels, Sprinter vans, Smart cars and other non-Mercedes-Benz vehicles.



### Cordless Icon Remote Indicator – 20-2882-1

Provides technician with complete control of the alignment system while making adjustments to the vehicle.

*WinAlign® software upgrades may require additional and/or upgraded hardware.*

*Because of continuing technological advancements, specifications, models and options are subject to change without notice.*

*WinAlign, WebSpecs, HunterNet, CodeLink, HawkEye Elite and QuickGrip are registered trademarks of Hunter Engineering Company.*



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