

HUNTER AUTOMOTIVE SERVICE EQUIPMENT

# V.A.G. PRODUCT ORDERING GUIDE

**REFER TO QUOTE BUILDER FOR CURRENT  
PRICING INFORMATION**

F.O.B. PLANT POINT OF SHIPMENT-  
BRIDGETON, MO. / DURANT, MS. / RAYMOND, MS / UNION, MS

**PRICE REFERENCE NOTES:**

- A - Price includes installation
- B - Price includes installation with major equipment groups

***HUNTER***  
**Engineering Company**

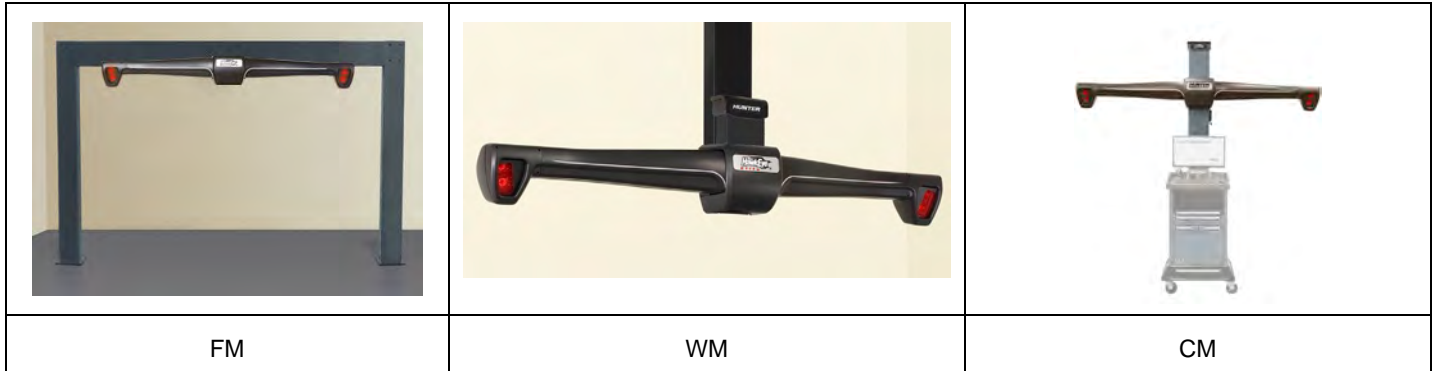
# Wheel and Tire Service Equipment

## New Hawkeye Elite Camera Sensors, Alignment Consoles (VAS6292) and Lifts

All VAS6292 versions of the HawkEye Elite HE421 Series Sensors ship with Three Dimensional Targets and Quick Grip Adaptors.

### HE421 CAMERA SENSOR TYPE

CONSOLE	HE421FMVAG	HE421WMVAG	HE421CMVAG
WA684VAS	VAS6292PLFM	VAS6292PLWM	VAS6292PLCM
WA683VAS	VAS6292PFM	VAS6292PWM	VAS6292PCM
WA673VAS	VAS6292FM	VAS6292WM	VAS6292CM



Wide Angle TD Targets with Quick Grip Adaptors and Elite Accessory Package

P/N	HE421 Family Sensors
CM	<b>HE421CMVAG</b> Sensors – Portable cabinet mount sensors mount to a WA680 or WA670 series console and may be rolled from bay to bay. A manually operated vertical camera lift provides a full range of travel for additional lift height or to work with the vehicle on the floor. Includes 4 Cameras, Wide Angle Three Dimensional Targets with Quick Grip Adaptors, turnplate bridges and one set of anchor plates.
WM	<b>HE421WMVAG</b> Sensors - Suitable for most installations. Wall mounted for straight or angled (herringbone) approach bays. Patented fixed camera configuration. NO MOVING PARTS, yet still allows the technician to lift the vehicle to a comfortable working height. Includes 4 Cameras, Wide Angle Three Dimensional Targets with Quick Grip Adaptors and turnplate bridges.
FM	<b>HE421FMVAG</b> Sensors - Floor mounted overhead camera configuration suitable for drive through. Patented fixed camera configuration. NO MOVING PARTS, yet still allows the technician to lift the vehicle to a comfortable working height. Includes 4 Cameras, Wide Angle Three Dimensional Targets with Quick Grip Adaptors and turnplate bridges.

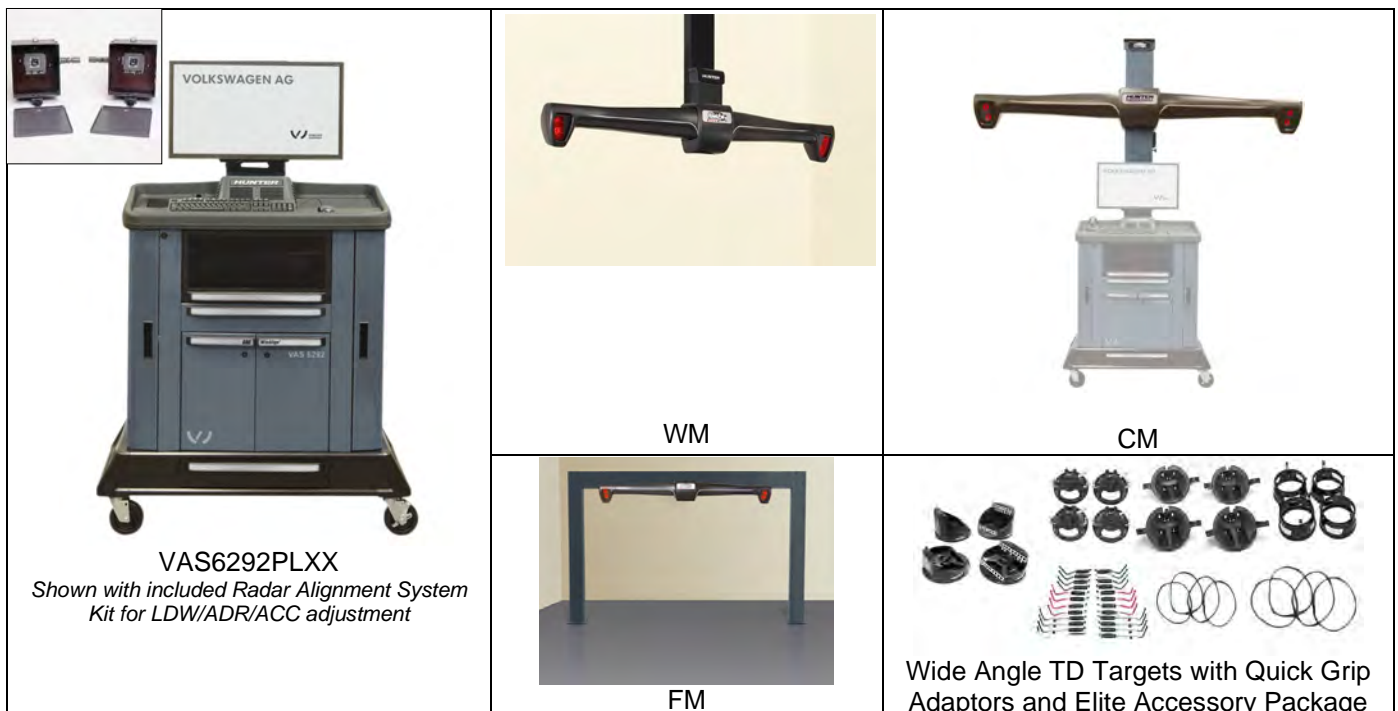
# Wheel and Tire Service Equipment

## Recommended VAS6292 Equipment Package

P/N	Description
VAS6292PLXX	(Standard package for new installations) WinAlign WA600 Series with premium large cabinet and 27" Widescreen LCD
<b>XX=</b> Sensor Options  <b>CM</b> = Cabinet Mounted <b>WM</b> = Wall Mounted <b>FM</b> = Floor Mounted	Alignment consoles include: <ul style="list-style-type: none"> <li>- Computer with;               <ul style="list-style-type: none"> <li>- Current WinAlign® Software</li> <li>- Electronic Software Authorization Key for VAS software</li> <li>- Two Years of Vehicle Specification Updates</li> <li>- 2 years subscription to Hunternet™ featuring Webspecs™ and Shop Results</li> <li>- Intel Core i3 Processor – 3.6 GHz (or greater)</li> <li>- 4 GB RAM</li> <li>- 250.0 GB HDD (or greater)</li> <li>- Single DVD/CD-RW Drive</li> <li>- USB 2.0</li> <li>- Network Module</li> <li>- Wireless Network Module</li> <li>- Mouse</li> <li>- Windows 10</li> <li>- Digital-Photo</li> <li>- Digital-Video</li> <li>- HP Color Printer</li> <li>- Keyboard</li> <li>- iShop™ and ASANet™ compatible</li> <li>- Handheld wireless remote control</li> <li>- Live Ride Height Targets (20-2050-1)</li> <li>- Steering Wheel Holder</li> <li>- Brake Pedal Depressor</li> <li>- Select one of the following Hawkeye Elite camera sensor types: WM, FM, CM</li> <li>- Wide Angle Three Dimensional Targets and Quick Grip Adaptors</li> <li>- Radar Alignment System Kit for LDW/ADR/ACC adjustment (20-2814-1)</li> </ul> </li> </ul>

See "VAS Minimum Requirement Alignment Tools" section on page 13 for additional requirements.

Radar Alignment System Kit 20-2814-1 is used with VAS6430 calibration bar and fixture for LDW/ADR/ACC adjustment. See page 13 for details.



# Wheel and Tire Service Equipment

## VAS6292 Equipment Package

(Standard package for new installations)	
P/N	Description
VAS6292PXX	WinAlign WA600 Series with premium large cabinet and 24" Widescreen LCD
<b>XX=</b> Sensor Options  <b>CM</b> = Cabinet Mounted <b>WM</b> = Wall Mounted <b>FM</b> = Floor Mounted	Alignment consoles include: - Computer with; - Current WinAlign® Software - Electronic Software Authorization Key for VAS software - Two Years of Vehicle Specification Updates - 2 years subscription to Hunternet™ featuring Webspecs™ and Shop Results - Intel Core i3 Processor – 3.6 GHz (or greater) - 4 GB RAM - 250.0 GB HDD (or greater) - Single DVD/CD-RW Drive - USB 2.0 - Network Module - Wireless Network Module - Mouse - Windows 10 - Digital-Photo - Digital-Video - HP Color Printer - Keyboard - iShop™ and ASANet™ compatible - Handheld wireless remote control - Live Ride Height Targets (20-2050-1) - Steering Wheel Holder - Brake Pedal Depressor - Select one of the following Hawkeye Elite camera sensor types: WM, FM, CM - Wide Angle Three Dimensional Targets and Quick Grip Adaptors - Radar Alignment System Kit for LDW/ADR/ACC adjustment (20-2814-1)

See "VAS Minimum Requirement Alignment Tools" section on page 13 for additional requirements.

Radar Alignment System Kit 20-2814-1 is used with VAS6430 calibration bar and fixture for LDW/ADR/ACC adjustment. See page 13 for details.



# Wheel and Tire Service Equipment

## Basic Compliance VAS6292 Equipment Package

P/N	Description
VAS6292XX	(Standard package for new installations) WinAlign WA600 Series with premium compact cabinet and 24" Widescreen LCD
<b>XX=</b> Sensor Options  <b>CM</b> = Cabinet Mounted <b>WM</b> = Wall Mounted <b>FM</b> = Floor Mounted	Alignment consoles include: <ul style="list-style-type: none"> <li>- Computer with;               <ul style="list-style-type: none"> <li>- Current WinAlign® Software</li> <li>- Electronic Software Authorization Key for VAS software</li> <li>- Two Years of Vehicle Specification Updates</li> <li>- 2 years subscription to Hunternet™ featuring Webspecs™ and Shop Results</li> <li>- Intel Core i3 Processor – 3.6 GHz (or greater)</li> <li>- 4 GB RAM</li> <li>- 250.0 GB HDD (or greater)</li> <li>- Single DVD/CD-RW Drive</li> <li>- USB 2.0</li> <li>- Network Module</li> <li>- Wireless Network Module</li> <li>- Mouse</li> <li>- Windows 10</li> <li>- Digital-Photo</li> <li>- Digital-Video</li> <li>- HP Color Printer</li> <li>- Keyboard</li> <li>- iShop™ and ASANet™ compatible</li> <li>- Handheld wireless remote control</li> <li>- Live Ride Height Targets (20-2050-1)</li> <li>- Steering Wheel Holder</li> <li>- Brake Pedal Depressor</li> <li>- Select one of the following Hawkeye Elite camera sensor types: WM, FM, CM</li> <li>- Wide Angle Three Dimensional Targets and Quick Grip Adaptors</li> <li>- Radar Alignment System Kit for LDW/ADR/ACC adjustment (20-2814-1)</li> </ul> </li> </ul>

See "VAS Minimum Requirement Alignment Tools" section on page 13 for additional requirements.

Radar Alignment System Kit 20-2814-1 is used with VAS6430 calibration bar and fixture for LDW/ADR/ACC adjustment. See page 13 for details.

 <p style="text-align: center;"><b>VAS6292XX</b> Shown with included Radar Alignment System Kit for LDW/ADR/ACC adjustment</p>	 <p style="text-align: center;">WM</p>	 <p style="text-align: center;">FM</p>	 <p style="text-align: center;">CM</p>
 <p style="text-align: center;">Wide Angle TD Targets with Quick Grip Adaptors and Elite Accessory Package</p>			

# Wheel and Tire Service Equipment

## Accessories Package - Options

Upgrade Options							
	20-2775-1-V	20-2776-1-V	20-3322-1-V	20-3394-1-V	20-2005-1	REQUIRES	REQUIRES
	TD Targets Upgrade Kit	WA 14.x Software Upgrade Kit	WA 15.x Software Upgrade Kit	Console Upgrade Kit	WinAlign Plus Key Kit	HE421xxVAG Sensor Package	20-2814-1 Radar Alignment Kit for LDW/ADR/ACC
<b>WA400 Aligner with HW1B PC and HS421 Sensors</b>	✓		✓				✓
<b>WA300 Aligner with HW1B PC and HS421 Sensors</b>	✓		✓		✓		✓
<b>WA400 Aligner with HW1 PC and HS421 Sensors</b>	✓	✓					✓
<b>WA300 Aligner with HW1 PC and HS421 Sensors</b>	✓	✓			✓		✓
<b>WA200 Aligner</b>				✓		✓	✓
<b>WA100 Aligner</b>				✓	✓	✓	✓
<b>811 Plus Aligner</b>				✓		✓	✓
<b>811 Aligner</b>				✓	✓	✓	✓

**NOTE:** All WinAlign 14.x and 15.x upgrades require that a Gen 2 or greater USB Box be installed. If needed order Part #232-246-1 Gen 3 USB box.

P/N	TD Target Kit
TD Target Upgrade Package Kit # 20-2775-1	
20-2775-1-V <sup>A</sup>	<b>WA300, WA400 to WinAlign 14.x Hardware Upgrade Kit</b> – Kit Includes 2 TD-WA Targets and 2 Standard TD targets, Quick Grip Clamp on Adaptors, Fixed Hook Kit, Wheel Spacer Kit, Storage Bracket Kit and Protective Ring Replacement Kit.
20-2005-1 <sup>A</sup>	<b>WinAlign Plus Electronic Key Kit</b> – Kit includes WinAlign Plus Software Required for Hawkeye Elite Sensors.

# Wheel and Tire Service Equipment

## Upgrading Existing VAG/VAS Aligners


### Upgrades for Existing VAG/VAS Aligners with VAG/VAS Program Key

All upgrade kits listed below conform to VAS6292 specifications.

All upgrade kits on this page should be ordered when upgrading an existing VAG/VAS aligner. For the upgrade to work properly, the following must be present in the existing aligner:

**VAG/VAS Program Key - (verify program key installed by pressing "Show Authorization" key from logo screen)**

VAS requires a color printer and 22" Widescreen LCD monitor or larger.

P/N	Series 811 to WinAlign HW2 Upgrade Kits
WinAlign HW2 Configured Computer	
20-3394-1-V <sup>A</sup>	<b>811, WA100, WA200, WA300, WA400 to WinAlign HW2 Upgrade Kit</b> - Upgrades VAG/VAS 811, WA100, WA200, WA300, WA400 console w/ Gen 2 USB box and VAG key to the latest WinAlign HW2 PC hardware and VAG software/key. <i>(No exchanges and no deletions). Requires that a Gen 2 or greater USB box, color printer, minimum 22" UVGA monitor, and VAG Program Key be present.</i>
P/N	WinAlign 14.x Software Upgrade Kits
20-2776-1-V <sup>A</sup>	<b>WinAlign 14.x Upgrade for VAG</b> – Upgrades WA300 and WA400 VAG Aligners with HW1 or HW1B PCs. <i>(No exchanges and no deletions). Requires that a Gen 2 or newer USB box, color printer, minimum 22" UVGA monitor and VAS Program Key be present.</i>
P/N	WinAlign 15.x Software Upgrade Kits
20-3322-1-V <sup>A</sup>	<b>WinAlign 15.x Upgrade for VAG</b> - Upgrades WA300 and WA400 VAG Aligners with HW1B PCs. <i>(No exchanges and no deletions). Requires that a HW1B PC, Gen 2 or newer USB box, color printer, minimum 22" UVGA monitor and VAS Program Key be present.</i>
P/N	Series WinAlign HW2 Upgrade Kit Options
20-3197-1 <sup>B</sup>	<b>Wireless Network Module</b> – connects a Hunter WinAlign WA Series Aligner to a customer's wireless network.

# Wheel and Tire Service Equipment

## Upgrading older VAS6292 Systems to New Hawkeye Elite Targets

### Hunter Required Accessories for Upgrading Existing VAG/VAS Equipment with Camera Sensors

- For existing installations the following criteria must be met:

One of the following Hunter camera sensor types:

HS401, Hx421 with High Definition Targets or TD Targets

Current WinAlign® Software and specification database.

Electronic Software Authorization Key for V.A.G software.

Stainless steel turnplates – convertible low friction (20-2533-1)

Radar Alignment System Kit 20-2814-1-1(requires Hx421), for LDW/ADR/ACC adjustment.

Network Module.

Windows 7 or 10

HW2, HW1B, HW1, WA Series or Series 811 or 811P computer (or greater)

22" Widescreen LCD monitor or larger

Color printer

Live Ride Height Targets, 20-2050-1

Note: Dealer must have or order a VAS compliant rack capable of stainless steel turnplates and two jacks to meet requirements

#### VAS LDR/ADR/ACC TOOL CLEARANCE NOTE:

Some VAG vehicles have radar-based cruise control options. The aiming of these systems requires a special tool to be placed in front of the vehicle while alignment sensors are mounted to the tool and the rear axle of the vehicle.

#### Training

New VAG/VAS package does not include required suspension training. Please contact your local Learning Center if you are interested in scheduling alignment training.



# Wheel and Tire Service Equipment






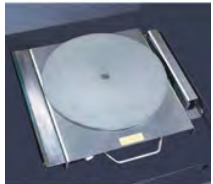
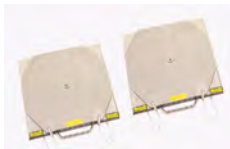
## HE421xxVAG Sensor Packages

### HE421xxVAG Sensor Packages

	<p><b>HE421WMVAG Sensors</b> - Suitable for most installations. Wall mounted for straight or angled (herringbone) approach bays. Patented fixed camera configuration. <b>NO MOVING PARTS</b>, yet still allows the technician to lift the vehicle to a comfortable working height. Includes 4 Cameras, Wide Angle Three Dimensional Targets with Quick Grip Adaptors and turnplate bridges.</p> <p style="text-align: center;"><b>Sensors only.</b> <b>Cabinet and Turnplates not included.</b></p>
	<p><b>HE421FMVAG Sensors</b> - Floor mounted overhead camera configuration suitable for drive through. Patented fixed camera configuration. <b>NO MOVING PARTS</b>, yet still allows the technician to lift the vehicle to a comfortable working height. Includes 4 Cameras, Wide Angle Three Dimensional Targets with Quick Grip Adaptors and turnplate bridges.</p> <p style="text-align: center;"><b>Sensors only.</b> <b>Cabinet and Turnplates not included.</b></p>
	<p><b>HE421CMVAG Sensors</b> – Portable cabinet mount sensors mount to a compact (narrow) console and may be rolled from bay to bay. A manually operated vertical camera lift provides a full range of travel for additional lift height or to work with the vehicle on the floor. Includes 4 Cameras, Wide Angle Three Dimensional Targets with Quick Grip Adaptors, turnplate bridges and one set of anchor plates.</p> <p style="text-align: center;"><b>Sensors only.</b> <b>Cabinet and Turnplates not included.</b></p>

# Wheel and Tire Service Equipment

## Recommended Aligner Options

P/N	Description	
20-2881-1	<b>Icon Corded Remote Indicator</b> - New style remote indicator for WinAlign WA400, WA600 Series Aligners.	
20-2882-1	<b>Icon Cordless Remote Indicator</b> - New style cordless remote indicator for WinAlign WA400, WA600 Series Aligners.	
20-2880-1	<b>Plus Cordless Remote Indicator</b> - New style cordless remote indicator for WinAlign WA400, WA600 Series Aligners. Records tire pressure, tread depth, ride height and measures tire temperature and frame angle. Includes Tire Temperature Probe.	
20-2112-1	<b>Live Ride Height Adhesive Strips Kit</b> - For use with Live Ride Height Targets. (100 Adhesive Strips)	
20-1872-1	<b>VAS Rollback plates</b> - used where clearance is limited between rack and wall.	<b>Photo Unavailable</b>
20-2538-1	<b>Vin Bar Code Reader</b> – Quick and accurate vin information.	
20-2336-1	Pair of PowerSlide Low Friction Turnplates. For use with previous vintage of VAS approved RX lift with PowerSlide or Inflation Station.	
20-2533-1	Pair of Stainless steel turnplates - low friction.	
20-1194-1	VAG Alignment Tools Supports Kit	<b>Photo Unavailable</b>

# Wheel and Tire Service Equipment

## VAG6430 LDR/ADR/ACC TOOL CLEARANCE NOTE:

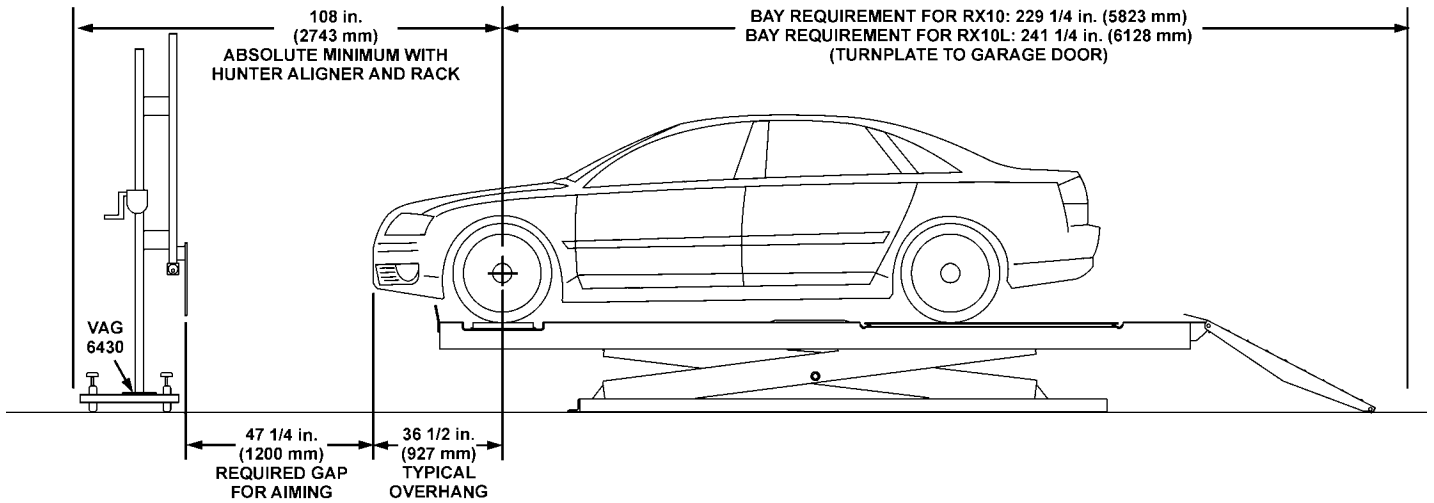
Many VAG vehicles have radar-based cruise control options. The aiming of these systems requires a special tool to be placed in front of the vehicle while alignment sensors are mounted to the tool and the rear axle of the vehicle.

The VAS LDR/ADR/ACC tool requires a specific amount of space in front of the vehicle to operate. In tight bays, it is ok to roll the vehicle back to achieve this space.

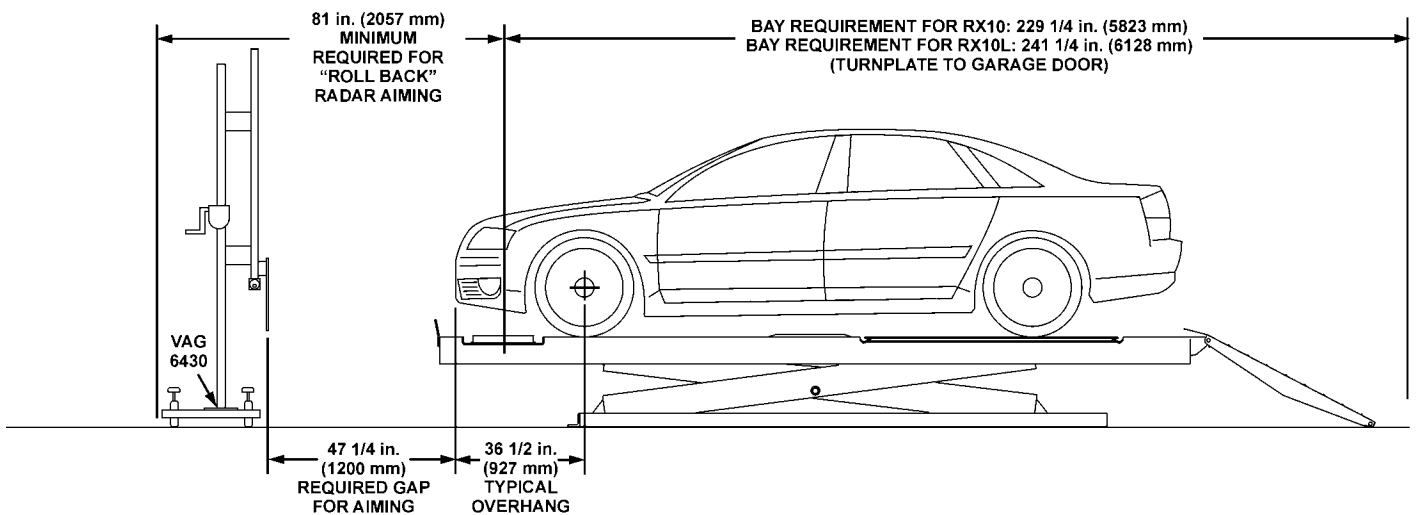
Refer to the following diagrams for **minimum** rack to wall and LDR/ADR/ACC tool clearances.

*Note: HE421FMVAG and HE421WM sensor do not have supporting structure along the center of the bay, therefore they will not interfere with radar aiming. The HE421CM3VAG or HE421CM4VAG can be rolled out of the way with the cabinet.*

### Minimum rack to wall clearance without rolling back:

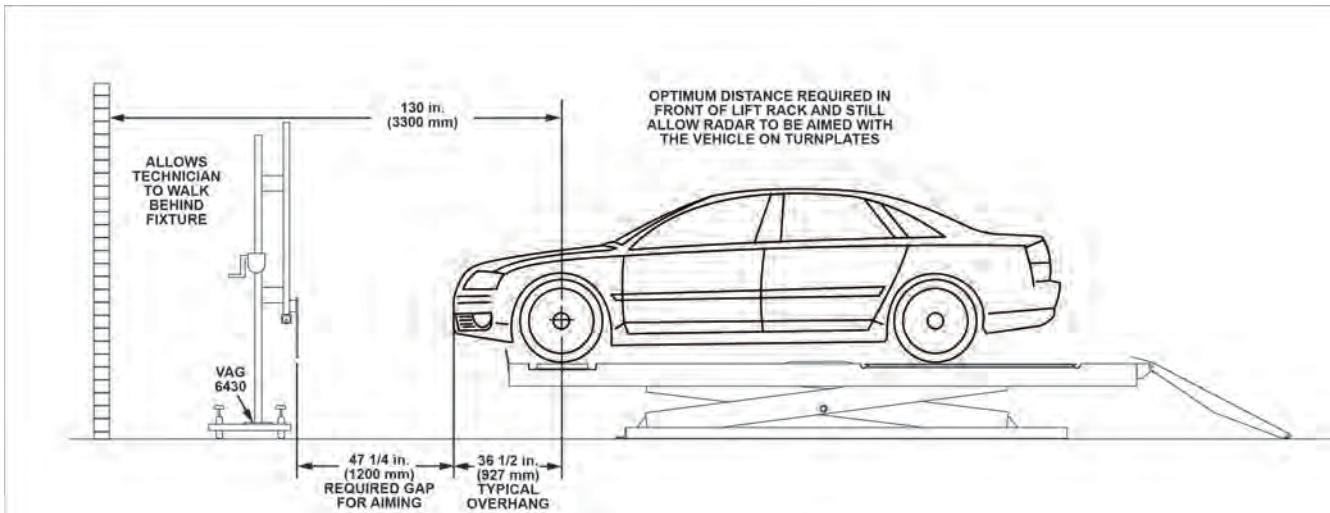


### Minimum rack to wall clearance with rolling back:



# Wheel and Tire Service Equipment

## Optimum rack to wall clearance with technician lane:



If bay length is insufficient to accommodate optimal layout, refer to minimal distance layouts on following page.

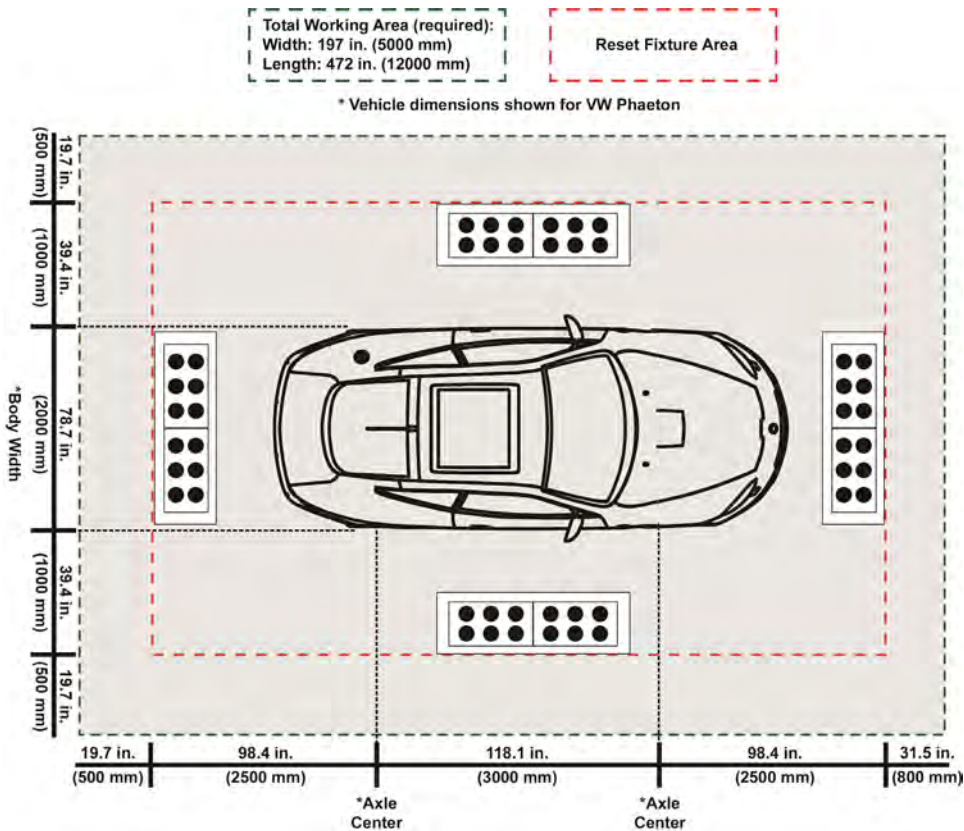
Refer to "Hawkeye Series Sensor Placement to Accommodate the Aiming of Radar-Based Cruise Control Systems (LDW, ADR AND ACC)", Form 5570-T, for more information.

Radar Alignment System Kit 20-2814-1 is standard with all of the VAS6292 equipment packages. The Radar Alignment System Kit is used with VAS6430 calibration bar and fixture for LDW/ADR/ACC adjustment.

### NEW CONSTRUCTION






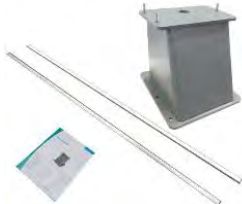

VAS new construction clearance in front of rack spec. is 130 in. (3300 mm).

**NOTE:** It's a best practice to flush mount alignment racks if possible, to accommodate peripheral camera calibrations (shown below) in the alignment bay. However, peripheral camera reset may be performed on any flat surface, it does not require an aligner or rack.



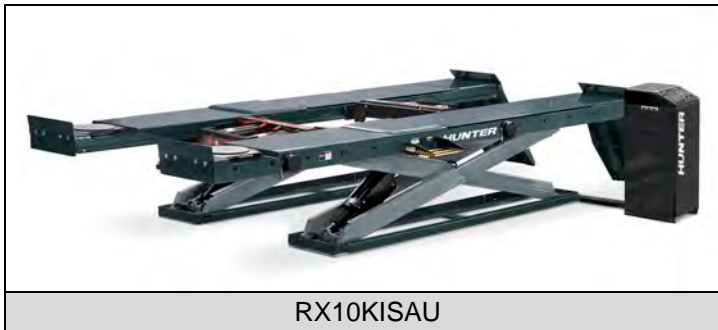
# Wheel and Tire Service Equipment

## V.A.G. Minimum Requirement Alignment Tools

P/N	Description	
VAS6430/1	Setting Device Basic Set. Minimum Requirement: Audi Minimum Requirement: Volkswagen <b>This tool must be ordered from VWoA.</b>	
VAS6430/2	ACC Laser Unit for Volkswagen. Minimum Requirement: Volkswagen <b>This tool must be ordered from VWoA.</b>	
VAS6430/3	ACC Reflector Mirror for Audi. Minimum Requirement: Audi <b>This tool must be ordered from VWoA.</b>	
VAS6430/4	Calibration Board for Lane Guard System. Minimum Requirement: Audi <b>This tool must be ordered from VWoA.</b>	
VAS6430/6	Night Vision Assist Calibration & Adjust Tool. Optional Requirement: Audi <b>This tool must be ordered from VWoA.</b>	
VAS6430/9	Height Extension kit for VAS6430/1 Optional Requirement: Audi <b>This tool must be ordered from VWoA.</b>	
20-2814-1	Radar Alignment System Kit to Attach to VAS6430 LDW/ADR/ACC/Night Vision Calibration Bar & Fixture. Minimum Requirement: Audi Minimum Requirement: Volkswagen <b>This tool is included with Hunter VAS6292.</b>	

# Wheel and Tire Service Equipment

## Recommended Rack Groups

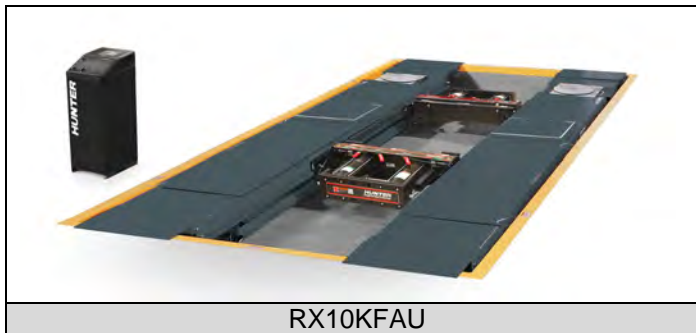


RX10KISAU

P/N	Description
RX10KISAU <sup>A</sup>	<b>RX Scissor Rack</b> , 10,000 lb. Capacity, Air line kit included, (2) 6,000 lb. Capacity Swing Air Jacks, 161" max. Stainless Steel Low Friction Turnplates , Align Wheelbase, w/Power Slide Slipplates, w/InflationStation.
RX10KPSAU <sup>A</sup>	<b>RX Scissor Rack</b> , 10,000 lb. Capacity, Air line kit included, (2) 6,000 lb. Capacity Swing Air Jacks, 161" max. Stainless Steel Low Friction Turnplates , Align Wheelbase, w/Power Slide Slipplates.
RX10KAU <sup>A</sup>	<b>RX Scissor Rack</b> , 10,000 lb. Capacity, Air line kit included (2) 6,000 lb. Capacity Swing Air Jacks, 161" max. Stainless Steel Low Friction Turnplates , Align Wheelbase.

-AU is medium gray and dark gray color scheme.

## Rack Groups for Flush Mount Applications



RX10KFAU

P/N	Description
RX10KFISAU <sup>A</sup>	<b>RX Scissor Rack</b> , 10,000 lb. Capacity, Air line kit included, (2) 6,000 lb. Capacity Swing Air Jacks, 161" max. Stainless Steel Low Friction Turnplates, Align Wheelbase, w/Power Slide Slipplates, w/InflationStation. Flush Mount.
RX10KFPSAU <sup>A</sup>	<b>RX Scissor Rack</b> , 10,000 lb. Capacity, Air line kit included, (2) 6,000 lb. Capacity Swing Air Jacks, 161" max. Stainless Steel Low Friction Turnplates, Align Wheelbase, w/Power Slide Slipplates. Flush Mount.
RX10KFAU <sup>A</sup>	<b>RX Scissor Rack</b> , 10,000 lb. Capacity, Air line kit included (2) 6,000 lb. Capacity Swing Air Jacks, 161" max. Stainless Steel Low Friction Turnplates, Align Wheelbase. Flush Mount.

-PS and -IS groups suitable for camera or conventional sensors.

## Options for RX Racks

P/N	Description
20-3438-1 <sup>A</sup>	<b>New Alignment Rack LED Lighting Kit</b> – Brilliant illumination utilizing LED lights. Easy service and installation.
20-1579-1	<b>Center Lift Jack Adaptor</b> – For Swing Air jacks includes clip-on storage tray.
20-1194-1	<b>Raised Toe Fixture</b> – Kit to modify VAS alignment tool to fit on Hunter alignment racks.

# Wheel and Tire Service Equipment

## Road Force Elite Measurement System (VAS6230)

### VAS6230 Wheel Balancer Minimum Requirement

P/N	Description
VAS6230BE4	Road Force Elite with SmartScan laser measuring, printer, wheel lift, StraightTrak, Auto Clamping, Road Force Measurement, Hammerhead, Run Out Measurement and Balancer, 21" Touchscreen, Spindle-Lok, Servo- Stop, Direct Weight Placement , BullsEye Centering Collets, and Adjustable Flange Plate with Accessories (208-230V/8 Amp, NEMA #L6-20P, 1Ph.)



VAS6230BE4

## Other Balancers, Brake Lathes and Tire Changer Groups





### Wheel Balancers

P/N	Description
VAS6230BE4NP	Road Force Elite with SmartScan laser measuring, wheel lift, StraightTrak, Auto Clamping, Road Force Measurement, Hammerhead, Run Out Measurement, and Balancer, 21" Touch Screen, Spindle-Lok, Servo- Stop, Direct Weight Placement , BullsEye Centering Collet Kit with Adjustable Flange Plate with Accessories (208-230V/8 Amp, NEMA #L6-20P, 1Ph. direct current patented Servo Drive system) <b>VAG/VAS only</b>
P/N	Description
VAS6230BE3	Road Force Elite with SmartScan laser measuring, printer, StraightTrak, Auto Clamping, Road Force Measurement, Hammerhead, Run Out Measurement, and Balancer, 21" Touch Screen, Spindle-Lok, Servo- Stop, Direct Weight Placement , BullsEye Centering Collet Kit with Adjustable Flange Plate with Accessories (208-230V/8 Amp, NEMA #L6-20P, 1Ph. direct current patented Servo Drive system) <b>VAG/VAS only</b>
P/N	Description
VAS6230BE3NP	Road Force Elite with SmartScan laser measuring, StraightTrak, Auto Clamping, Road Force Measurement, Hammerhead, Run Out Measurement, and Balancer, 21" Touch Screen, Spindle-Lok, Servo- Stop, Direct Weight Placement , BullsEye Centering Collet Kit with Adjustable Flange Plate with Accessories (208-230V/8 Amp, NEMA #L6-20P, 1Ph. direct current patented Servo Drive system) <b>VAG/VAS only</b>
P/N	Description
20-2031-1	<b>NEW</b> – Adaptor Kit-Porsche – Porsche large press ring, Porsche pressure ring, one spacer - 1.50 Wheel Offset MTG.
175-439-2	Adaptor – Porsche – 55 mm press ring

# Wheel and Tire Service Equipment

## Recommended VAS Tire Changers

P/N	Description
VAS 741 005	Revolution Fully Automatic Tire Changer, Space Efficient Console, 12-30" Capable, Center Clamp, Leverless Toolhead, Powered Press Arms, WalkAway Operation, Touchscreen Display. Standard flange plate and camera kit. 208-230V, 30A, 1 phase (L6-30P Plug Provided). Black.
TCA34RBLK <sup>A</sup>	Auto 34R tire changer. 10-34", Automated toolhead for lever free operation. Variable speed high-torque 220V motor, Bead Press arm standard, simple, three button control.
TC39BLK	Center Clamp Tire Changer, Leverless Toolhead, bead press arm, split bead loosening arms, variable speed electric motor, movable column, adjustable work height. 220V, 15A, 1ph (L6-20P plug provided), Black. Optional side shovel bead breaking mechanism (TC39SSBLK), optional wheel lift (TC39WBLK) optional side shovel and wheel lift (TC39SSWBLK).
TC37BLK	Center Clamp Tire Changer, Vertically locking conventional head, bead press arm, split bead loosening arms, variable speed electric motor, movable column, adjustable work height. 220V, 15A, 1ph (L6-20P plug provided), Black Optional side shovel bead breaking mechanism (TC37SSBLK), optional wheel lift (TC37WBLK) optional side shovel and wheel lift (TC37SSWBLK).

			
VAS 741 005	TCA34RBLK	TC39SSWBLK	TC37BLK



# Wheel and Tire Service Equipment

## Combination Brake Lathe

P/N	Description
BL31BLK <sup>A</sup>	BL Series Lathe and Bench with ACT and Digi-Cal Measuring System, No Adaptors
BL30BLK <sup>A</sup>	BL Series Lathe with ACT and Digi-Cal, No Bench, No Adaptors
BL11BLK <sup>A</sup>	BL Series Lathe and Bench, No Adaptors
BL10BLK <sup>A</sup>	BL Series Lathe, No Bench, No Adaptors

The above groups require a HunterPro™ Adaptor Kit listed below.

**NOTE:** Audi Does NOT Allow Rotor Resurfacing, therefore all lathes are not intended for use on Audi vehicles.

## HunterPro™ Adaptor Kit

P/N	Description
20-1665-1	HunterPro™ Level 1, Car and some LT Truck Rotors, Drums, some Flywheels

## On-Car Brake Lathe (VW Only)



P/N	Description
ACE29BLKV <sup>A</sup>	AutoComp Elite™ on-car lathe with Automatic Compensation, Anti-Chatter Technology, tablet interface, Digi-cal, adaptor storage, chip tray, custom 4 adaptor VAG Kit, 25 ft. power cable, 1 1/2 HP motor, 115v/220v, 50/60H.



ACE29BLKV



# Wheel and Tire Service Equipment


## Quick Check Drive® and Quick Tread Edge® SuperGroups



Quick Check Drive® and Quick Tread Edge® Supergroups	
 <p><b>QCD92TFBLK</b></p>	 <p><b>QCD92TFECSBLK</b></p>
QCD92TFECSBLK	Quick Check Drive Sensors (DRV1), Wall Mounted Console (WU592), and Damage-Cam 3 year subscription with 15 day image storage ("BDC"). QuickTread Edge Flush (QTEF) Short Focal Length External Camera (20-3584-1) BLACK
QCD92TFBLK	Quick Check Drive Sensors (DRV1), Wall Mounted Console (WU592), and Damage-Cam 3 year subscription with 15 day image storage ("BDC"). QuickTread Edge Flush (QTEF) BLACK
Quick Check Drive® and Quick Tread Edge®	
<ul style="list-style-type: none"> <li>- 32 lasers and 8 cameras scan wheel</li> <li>- 3 year Damage Cam subscription</li> <li>- 15 day Damage Cam image storage</li> <li>- Plate-to-VIN specs</li> <li>- No stopping, data entry or labor required</li> <li>- Automatic alignment results</li> <li>- New cabinet console</li> <li>- Hunter Shop Tough™ PC with Windows 10</li> <li>- 2 years free vehicle spec updates</li> <li>- HunterNet provides front-shop personnel w/quick access to vehicle specific undercar information to sell service</li> <li>- Certified iShop &amp; ASANET complaint</li> <li>- Professional Installation &amp; On-Site Training</li> </ul>	<ul style="list-style-type: none"> <li>- QuickTread Edge® Drive Over Tread Depth (Flush Mount)</li> <li>- Flush Mount Ramps</li> <li>- Pit Frame (20-3563-1)</li> <li>- HunterNet® Capable</li> <li>- Hardwired Internet connection required</li> </ul>
Made in the USA	

# Wheel and Tire Service Equipment

## Quick Check Drive® and Quick Tread Edge® Console and Sensor Options



Quick Check Drive® and Quick Tread Edge® Consoles and Sensors	
P/N	Description
WU572-BLK	Quick Check Drive™/Quick Tread Edge™ compact mobile console with 24" monitor widescreen LCD.
WU592-BLK	Pedestal/Wall-mounted Unmanned Quick Check Drive™/Quick Tread Edge™ console with 22" monitor touchscreen LCD.
 <b>Compact Mobile Console (WU572-BLK)</b>	 <b>Unmanned Console (WU592)</b>
WU572 / WU592 Series hardware and standard software	
Quick Check Drive consoles include: Computer with; Current Quick Check Drive™ Software Two Years of Vehicle Specification Updates 2 years subscription to Hunternet™ featuring Webspecs™ and Shop Results Intel Core i3 Processor – 3.6 GHz (or greater) 4 GB RAM 250.0 GB SSD (or greater)	Single DVD/CD-RW Drive USB 2.0 Network Module Wireless Network Module Mouse (WU572 Console Only) Windows 10 Keyboard HP Color Printer (WU572 Console Only) Bar Code reader (WU572 Console Only)

Quick Check Drive™ Alignment Sensors	
P/N	Description
DRV1BLK	Quick Check Drive™ Towers - Black
	

Quick Tread Edge® Sensors	
P/N	Description
QTEF	Stand alone QuickTread Edge™ Flush mount BLACK with 20-3563-1 pit frame
QTE	Stand alone QuickTread Edge™ Surface mount Black
 <b>QTEF</b>	 <b>QTE</b>

# Wheel and Tire Service Equipment

## Quick Check Drive® and Quick Tread Edge® Ala Carte/Upgrade Options

P/N	Description	
20-3584-1	Short focal length camera for Quick Check Drive® For plate-to-camera distance of 96 in. or less Best for systems installed near service drive entrance	
20-3541-1	Long focal length camera for Quick Check Drive® For plate-to-camera distance of greater than 96 in. Used with systems installed in the middle of service drive	
QIDS	Short focal length camera for Quick Tread Edge® For plate-to-camera distance of 96 in. or less Best for systems installed near service drive entrance	
QID	Long focal length camera for Quick Tread Edge® For plate-to-camera distance of greater than 96 in. Used with systems installed in the middle of service drive	
BDC	QCD Damage Cam, 3 year subscription. Includes 15 day image storage. Requires Quick Check Drive™, HW2 PC and WinAlign® 16 software or newer.	
ES90	Annual subscription for 90 day extended image storage. Requires BDC package. Requires Quick Check Drive™, HW2 PC and WinAlign® 16 software or newer.	