Alignment as easy as 1-2-3!

HawkEye® Alignment Systems featuring WinAlign software fully integrate the functions of the console, sensors and lift into one highly efficient alignment system. A series of automated features and intuitive software tools save time and simplify procedures to make alignment as easy as...

**step 1 Select the vehicle**
- Scan the VIN
  - or...
  - Recall specs manually

**step 2 Measure angles**
- Install targets
- Capture measurements in 40 seconds
- Review "before" results

**step 3 Make adjustments**
- Follow the adjustment instructions
- Print before-and-after results

**Present your results!**
- Sell more alignments
- Generate greater profits
Hunter's latest productivity features!

**PATENTED**

**High-resolution cameras!**
Four high-resolution cameras provide alignment measurements with pinpoint accuracy.

**Recall specs in a snap!**
Recall OE specs and vehicle-specific alignment procedures instantly.*

**STANDARD**

**Patented integrated steering system reset!**
Reset computerized steering systems on a wide variety of vehicles with one simple tool.

**EXCLUSIVE**

**Easy access targets!**
Store targets within arm's reach of each wheel for maximum productivity.

**EXCLUSIVE**

**Inflation and no gauges!**
Set and record tire pressure automatically without cumbersome hoses and gauges.

**PATENTED**

**No more lock-pin hassles!**
Forget pulling and replacing lock pins by hand.

* Standard with WA600 consoles, optional with WA500 consoles.
Previous setups used valuable shop time...

Conventional electronic-sensor system – 10-minute-plus procedure

- Chock wheels and lift vehicle
- Jack up front and rear of vehicle
- Check air pressure and recall specs
- Mount all 4 sensors, compensate each sensor, and remove pins
- Lower rear and front of vehicle and jounce
- Steer caster
- Print results

10:05 Total

Older technology requires long set-up times...

Camera-sensor systems speed up the process

- Chock wheels and lift vehicle
- Check air pressure and recall specs
- Mount targets
- Roll backward, then forward to compensate
- Remove pins
- Steer caster
- Print results

4:00 Total

Early camera technology improved efficiency…
...Today, present your results in just 2 minutes!

Hunter’s HawkEye® System and Premium RX Lift capture all readings and produce measurements in 2 minutes!

Hunter's 2-minute procedure
- Chock wheels and lift vehicle to work height
- Mount targets and set air pressure
- Roll forward and back to compensate sensors
- Scan VIN to recall specs and perform enhanced caster steer
- Vehicle results print automatically

2:03 Total

Fast printouts in 2 minutes!
Use detailed printouts featuring your company’s logo to sell more work.
When it comes to award-winning software, WinAlign® is unmatched!

The importance of software...

Over 30 years of experience and the largest R&D department in the undercar industry bring you the most profitable and productive software on the market.

- The most extensive vehicle information database for North America's 220 million vehicles.
- Patented and award-winning power tools complete the work accurately the first time, every time.
- WinAlign maximizes profit and productivity in your alignment bay.

PATENTED
ExpressAlign®
Perform every alignment with a streamlined procedure. ExpressAlign analyzes each job and presents the optimal action sequence with the minimum steps required.

PATENTED
WinToe®
Ensure a straight steering wheel every time without repeated adjustments or using a steering wheel holder. A timesaver on nearly every alignment
**Tools and Kits Database**
Save trips back and forth to the tool box. Hunter presents all of the tools and aftermarket correction kits needed for each alignment.

**Virtual View**
See your alignment job in 3-D using real-time 3-D graphics. Used by experts and novices alike.

**Control Arm Movement Monitor**
Cut adjustment times in half for front-shim, dual-cam or dual-slot vehicles. Step-by-step graphics let you get it right on the first try.

**Shim-Select II**
Eliminate confusing shim charts and tables. Shim Select II quickly calculates and displays the template you need for proper shim installation.

**Wheel-Off Adjustment**
Speed the alignment process by making adjustments with the wheel removed.*

**Automatic Bushing Calculator**
Calculate the proper bushing size and position adjustment without wasting time with a zero bushing.

* Requires Wheel-Off Adjustment Kit 20-1978-1.

**Online ordering supported**
**Every alignment can be shown in 3-D**
**Over 60 million vehicles benefit**
**Over 30 million vehicles benefit**

**Available when you need it**
# Take your alignment business to the next level!

**Perform body shop alignments…**

![Image of alignment software](image1)

**Suspension Body Dimension Audit**
Quickly screen vehicles to determine alignability and collision repair needs.

**Symmetry Angle Measurements**
Instantly access symmetry angles and setback for your body shop customers.

---

**Perform specialty alignments…**

![Image of alignment software](image2)

**Live Ride Height Adjustment**
Measure and adjust ride height in real-time.

*Over 20 million vehicles require ride height measurement to complete alignment service*

**WinAlign Tuner**
Perform alignments on tuned suspensions and other modified vehicles with tools to monitor tire wear and handling.

---

**TPMSspecs**

*Over 100* TPMS procedures in a simple, yet comprehensive, user-friendly format for the technician.

---

**Drive-on camera**
Safely and easily position a vehicle on a lift with one technician. WinAlign® software supports the use of a drive-on camera, which uses the aligner screen as a guide. (Drive-on camera sold separately.)

---

*Standard with WA600 consoles, optional with WA500 consoles.*
Help your customers make informed decisions!

**WinAlign® Video Library***
400+ videos cover all aspects of wheel alignment today.
- Educate your customers
- Find answers to unusual problems
- Extend your service and profit opportunities
- Strengthen technician competency

**Point & Click Inspection Photos***
5,000+ vehicle-specific photos and illustrations to assist your shop.
- Show your customers their hidden repair needs
- Guide your technicians to the proper inspection points
- Extend your service and profit opportunities

**The latest specs available online**
Download, access and communicate alignment service information through the Internet.
- WebSpecs®.NET specification database **
- ShopResults.NET® online service **
- UnderCarInfo.NET subscription **

**WinAlign® printouts help sell work**
Explain needed parts and repairs and show completed work to customers using detailed, color-coded printouts.
- Clear and detailed printouts help you communicate and build rapport with your customers and sell more alignments

* Standard with WA600 consoles, optional with WA500 consoles.
** Two-year free subscription for WebSpecs.NET, one-year free subscription for ShopResults.NET and UnderCarInfo.NET.
FIA streamlines the entire alignment process. Communication links automate tasks once performed by the technician manually, eliminating time-consuming trips around the vehicle and to-and-from the console.
PATENTED
RX Scissor Lift console
- Raising the vehicle triggers the sensors to look for wheel targets
- Control PowerSlide® and Inflation Station settings on the lift console
- Store bar-code scanner and CodeLink tool near the vehicle to save steps

PATENTED
WinAlign® console
- Centralized control of entire system
- Communicate directly with lift to set tire pressure and automatically operate turnplates and slipplates
- Guide the technician through the alignment process

PATENTED
PowerSlide® system
- Slipplates and turnplates automatically lock and unlock at appropriate times
- No more struggles with lock pins

PATENTED
Inflation Station
- Automatically inflate all four tires simultaneously
- Record starting and final pressure
- Hose recoils to keep work area clear

Requires FIA lift. See RX or Four-Post lift brochures for details.
**CodeLink® — The new last step in alignment service**

**STANDARD**

CodeLink® directly "links" the vehicle OBD-II to the aligner to reset steering system sensors, as required by the manufacturer.

**Simple and efficient**

- Automatically identifies candidate vehicles
- Incorporates reset steps into the alignment
- Uses aligner screen to display instructions
- Updates automatically with system software upgrades
- Dedicated alignment tool

**Finishes the job right**

- No other reset tool matches CodeLink's patented integration with the alignment procedure
- Guarantees precision with exact steering system sensor thresholds
- Reduces errors that result in customer comebacks

*Printed documentation confirms that steering system reset was completed properly*

**Some of the more popular OEMs that currently require reset:**

- Audi
- BMW
- Chevy
- Ford
- Hyundai
- Infiniti
- Lexus
- Mazda
- Mercury
- MINI
- Nissan
- Pontiac
- Saturn
- Scion
- Toyota
- Volkswagen
## Choose the right alignment console for your shop!

### WinAlign WA500

**Premium consoles**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>3.70 GHz Intel® Core™ i3 (or greater)</td>
</tr>
<tr>
<td>Memory</td>
<td>4 GB of DDR4 RAM</td>
</tr>
<tr>
<td>Hard drive</td>
<td>240 GB Solid State Drive (or greater)</td>
</tr>
<tr>
<td>DVD-RW/CD-RW combo drive</td>
<td>Standard</td>
</tr>
<tr>
<td>Monitor class</td>
<td>24&quot; widescreen LCD</td>
</tr>
<tr>
<td>Wireless network module</td>
<td>Optional</td>
</tr>
<tr>
<td>Operating system</td>
<td>Windows 10 IoT Enterprise</td>
</tr>
<tr>
<td>Three-dimensional target (TD Target)</td>
<td>Optional (requires premium feature key)</td>
</tr>
<tr>
<td>Vehicle specifications (30 plus years)</td>
<td>Standard (2 years free updates)</td>
</tr>
</tbody>
</table>

### Industry-leading hardware

- **Compact console**
- **Wall-mount console**

### Award-winning productivity tools

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Award-winning WinAlign® software</td>
<td>Standard</td>
</tr>
<tr>
<td>Real-time specs delivered by web</td>
<td>WebSpecs’ (2 years standard)</td>
</tr>
<tr>
<td>Steering system reset (integrated)</td>
<td>Yes (with standard CodeLink®)</td>
</tr>
<tr>
<td>Bar code reader</td>
<td>Optional</td>
</tr>
<tr>
<td>Complete TPMS reset database</td>
<td>Standard</td>
</tr>
<tr>
<td>Live Ride Height adjustment</td>
<td>Optional</td>
</tr>
<tr>
<td>Fully Integrated Alignment</td>
<td>Yes (FIA-equipped lift required)</td>
</tr>
<tr>
<td>Modified vehicle alignment</td>
<td>Optional</td>
</tr>
<tr>
<td>Vehicle inspection with photos</td>
<td>Optional</td>
</tr>
<tr>
<td>Tools &amp; Kits – basic catalog</td>
<td>Standard</td>
</tr>
<tr>
<td>Tools &amp; Kits – video and photos</td>
<td>Optional</td>
</tr>
<tr>
<td>Equipment video help/assistance</td>
<td>Optional</td>
</tr>
<tr>
<td>ShopResults (via ShopResults.NET)</td>
<td>Optional</td>
</tr>
<tr>
<td>UnderCarInfo (via UnderCarInfo.NET)</td>
<td>Optional</td>
</tr>
<tr>
<td>Training and productivity aids</td>
<td>1,600+ illustrations 100+ animations</td>
</tr>
</tbody>
</table>

For product dimensions, weights and site requirements, please contact your local Hunter Sales Representative.
Choose the right sensor package for your shop!

Fixed-column configurations fit most service bay applications.

Lift-column configurations automatically position the cameras to any lift height during the alignment process.

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

Cabinet-mounted configuration is mobile to service multiple alignment bays and provides a full range of travel for additional lift height.

Manually operated vertical camera configuration provides a full range of travel for additional lift height.

Floor-mounted overhead configurations are ideal for drive-through bays or to accommodate unique applications.
# HawkEye® alignment sensor and adaptor specifications

## Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>No metal-to-metal contact with wheel</td>
<td>N/A</td>
</tr>
<tr>
<td>Weight of assembly</td>
<td>11 lbs.</td>
</tr>
<tr>
<td>Profile of assembly</td>
<td>18 inches</td>
</tr>
<tr>
<td>Installation time per wheel</td>
<td>10-15 seconds</td>
</tr>
<tr>
<td>Rolling compensation style</td>
<td>Back/Forward</td>
</tr>
<tr>
<td>Camera resolution</td>
<td>2,608 x 1,952 (pixels per camera)</td>
</tr>
<tr>
<td></td>
<td>20,000,000 (pixels total)</td>
</tr>
<tr>
<td>Track width</td>
<td>80 inches</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>210 inches</td>
</tr>
<tr>
<td>Distance to wall*</td>
<td>66 - 107 inches</td>
</tr>
<tr>
<td>Suggested distance*</td>
<td>99 inches</td>
</tr>
<tr>
<td>Short-bay distance (see site info)*</td>
<td>66 inches</td>
</tr>
</tbody>
</table>

## Secondary Measurements

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>S.A.I. and included angle</td>
<td>✓</td>
</tr>
<tr>
<td>Setback</td>
<td>✓</td>
</tr>
<tr>
<td>Maximum steering angle</td>
<td>To lock</td>
</tr>
<tr>
<td>Live ride height**</td>
<td>✓</td>
</tr>
<tr>
<td>Wheelbase difference</td>
<td>✓</td>
</tr>
<tr>
<td>Track width difference</td>
<td>✓</td>
</tr>
<tr>
<td>Tread width difference</td>
<td>✓</td>
</tr>
<tr>
<td>Lateral offset</td>
<td>✓</td>
</tr>
<tr>
<td>Rear setback</td>
<td>✓</td>
</tr>
<tr>
<td>Axle offset</td>
<td>✓</td>
</tr>
</tbody>
</table>

## Body Measurements

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBDA</td>
<td>✓</td>
</tr>
<tr>
<td>Body angle</td>
<td>✓</td>
</tr>
<tr>
<td>Body wheel offset &amp; setback</td>
<td>✓</td>
</tr>
<tr>
<td>Body roll</td>
<td>✓</td>
</tr>
</tbody>
</table>

## Adjustments

<table>
<thead>
<tr>
<th>Adjustment</th>
<th>Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>Way Up Way Out WinToe</td>
<td>✓</td>
</tr>
<tr>
<td>Wheel-Off Adjustment</td>
<td>Optional</td>
</tr>
</tbody>
</table>

* Refer to site requirements for exact bay specifications.
** Requires Ride Height targets. Standard with WA600 consoles, optional with WA500 consoles.
Increase revenue with Hunter merchandising!

Introduce your wheel alignment capabilities and educate your customers with great Point-of-Sale options from Hunter.

Sell more alignments with clear and informative printouts

STANDARD

Customized column cap

Make your alignment bay stand out. Hunter's lighted sensor column cap can be customized with your logo or shop name. (available for most sensor configurations)

Be sure to check out other Hunter literature for more quality products from Hunter Engineering.