

# **WinAlign<sup>®</sup> HD Alignment Systems**

*Fast and accurate wheel alignment for multi-axle trucks*

**NEW!**



**HUNTER**  
Engineering Company

# New DSP760T alignment sensors

Hunter's new DSP760T heavy-duty alignment sensors reduce setup time and provide accurate alignment readings.

**PATENTED**

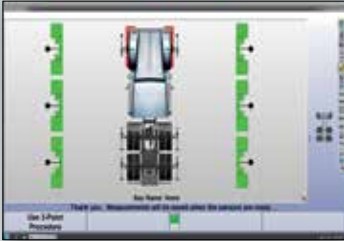
## Rolling Compensation



- ✓ No jacking required
- ✓ Compensate all sensors at once
- ✓ Short rolling compensation

**PAT. PENDING**

## Six Sensors Live



- ✓ Three axles live
  - ✓ See all measurements at once
  - ✓ Diagnose tire wear conditions
- ✓ Reduce setup time through minimal sensor movement

**PAT. PENDING**

## Truck Pusher



- ✓ Easily move vehicle for rolling comp
- ✓ Rechargeable battery
- ✓ Doubles as a wheel chock

**PATENTED**

## Fully Integrated Alignment



- ✓ Auto-locking turnplates
- ✓ Built-in turnplate bridges for rolling comp





**PAT. PENDING**

### Trailer Alignment



- ✓ Align without unhooking from tractor
- ✓ Align using optional kingpin adaptor without tractor
- ✓ Accurate to 15.24 m (600 in.)

**STANDARD**

### Self-Centering Adaptors



- ✓ High versatility for trucks and buses with low-hanging bumpers or air dams
- ✓ Fits wheels 15 to 28 inches in diameter

**STANDARD**

### Cordless Operation



- ✓ No cumbersome cables
- ✓ Hot-swappable batteries

### Rugged



- ✓ Integrated electronic components enhance reliability
- ✓ Lightweight, rubberized design
- ✓ Impact-prone areas protected by integrated rubber bumpers



# Previous setups used valuable shop time...



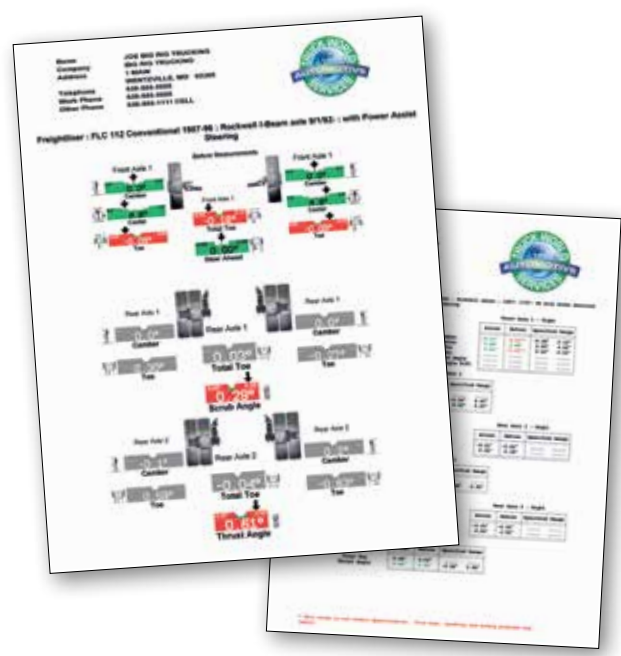
12:00+



## Standard procedures

- ✓ Position vehicle
- ✓ Select vehicle type
- ✓ Jack up front axle
- ✓ Mount front sensors
- ✓ Compensate each sensor
- ✓ Pull turnplate pins
- ✓ Lower front axle
- ✓ Jack rear axle
- ✓ Mount rear sensors
- ✓ Compensate each sensor
- ✓ Lower rear axle
- ✓ Steer to measure caster
- ✓ Jack up middle axle
- ✓ Move front sensors to middle
- ✓ Compensate each sensor
- ✓ Lower middle axle
- ✓ Print results

**12:00-15:00 Total**



### ACTIVITY TRACKER

3 axles jacked to compensate

2 sensor movements

203 total walking steps

8+ additional minutes required before adjustment

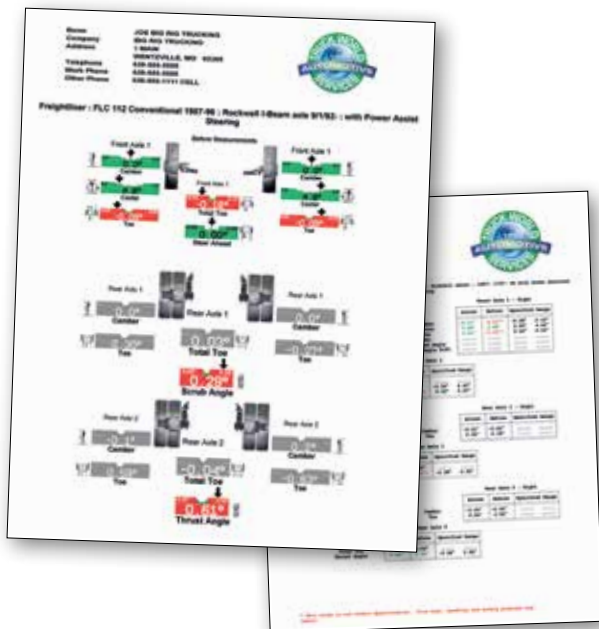
# ...Today, present your results in just 4 minutes!



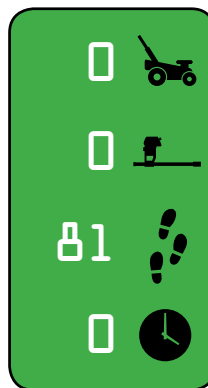
## New procedure

- ✓ Position vehicle
- ✓ Select vehicle
- ✓ Mount sensors
- ✓ Roll forward to compensate
- ✓ Steer to measure caster
- ✓ Print results

**4:00 Total**



## ACTIVITY TRACKER



axles jacked to compensate

sensor movements

total walking steps

additional minutes required before adjustment

## Fast printouts in 4 minutes!

Use detailed printouts featuring your company's logo to sell more work.

# Check tire wear angles in under 3 minutes!



Use detailed printouts featuring your company's logo to sell more work

- ✓ Get measurements on three axles
- ✓ Toe and camber on front axle
- ✓ Thrust and scrub on rear axles

## Step-by-step procedure for HD alignment checks



1. Pull in vehicle



2. Recall the specs



3. Mount six sensors



4. Roll vehicle forward



5. Retrieve the printout



6. Sell the service



# Accessories

**PAT. PENDING**



## Truck Pusher\*

Hunter's battery operated pusher easily moves the vehicle for accurate rolling compensation. (20-2855-1)

**PATENTED**



Rack turnplates are also available.

## Turnplates

Optional HD PowerSlide turnplates automatically lock and unlock and allow garages to align heavy-duty vehicles on the floor or with a truck rack. (Floor: 20-2876-1, Rack: 20-2875-1)

**STANDARD**



**OPTIONAL**

## Self-centering wheel clamps

Standard wheel clamps allow clamping of wheels 15-28 in. diameter. Optional mini clamps allow for mounting sensor to hub center of front rims (2 required) (175-284-1).

**OPTIONAL**



**OPTIONAL**

## Sensor storage options

Sensor storage post (left) or cart (right) provides convenient access to alignment instruments when you need them and convenient storage when you don't. (Post: 20-2886-1, Cart: 20-2850-1)

**OPTIONAL**



## Remote indicator

Remote indicator is designed to provide the operator with complete control while making adjustments to the vehicle. (Cordless: 20-2882-1-E)

**OPTIONAL**



## Trailer gauge

Trailer alignment gauge tool mounts sensors to the trailer kingpin. Trailer axles are adjusted to centerline. (221-738-1)

# When it comes to heavy-duty software, WinAlign® HD is unmatched!

The importance of software...



Ordinary systems simply present alignment readings

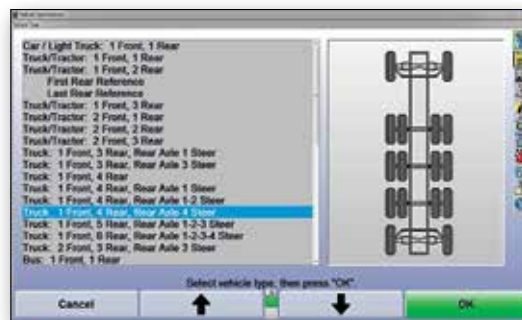
WinAlign HD maximizes profit and productivity

- ▶ The **most extensive** vehicle information database.
- ▶ **Vehicle-specific** procedures guide your technicians with step-by-step instructions.
- ▶ **Patented power tools** complete the work accurately the first time, every time.
- ▶ **WinAlign HD maximizes profit and productivity** in your alignment bay.



## ExpressAlign®

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



## 60+ Axle configurations possible

WinAlign HD software supports more than 60 customized truck, trailer and bus alignment procedures as well as passenger car and light truck alignment.

### Additional power features for light-vehicle work includes:

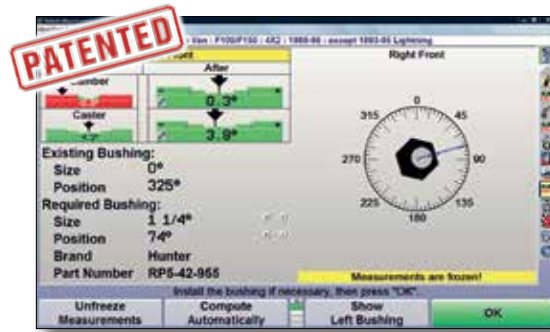
- CAMM® feature • Tools and Kits database • Digital photos/videos\* • ExpressAlign® procedure • Shim Select® II feature • Work Management features





### WinToe®

Ensure a straight steering wheel every time without repeated adjustments or using a steering wheel holder. Works with all vehicles on the road today.



### Automatic Bushing Calculator®

Calculate the proper bushing size and position adjustment without wasting time with a zero bushing. Eases the process of servicing Ford F-150-450's.



### Rear Axle Adjustment Calculations

Cut adjustment times in half for rear axle corrections. Graphics let you get it right on the first try.



### Adjustment Videos

Strengthen technician competency and extend profit opportunities with helpful adjustment videos.



### Frame Offset Angle Display

Measure frame offset angle and calculate adjustments to frame centerline, if a frame reference alignment is needed.



**Before and after alignment results can be printed in color.**

# Console configurations

	WinAlign HD	
Industry-leading hardware and software	Intel Core i3 Processor 3.06 GHz (or greater)	✓
	4 GB of DDR3 SDRAM Memory	✓
	120 GB SSD hard drive (or greater)	✓
	DVD-RW/CD-RW drive	✓
	Windows® 7 operating system	✓
	Car and light truck software*	✓
	2 years of free VID updates	✓
	2 years of free HunterNet access	✓
	Wireless network module	Optional
	AlignGuide training	Optional
	DSP760T or DSP740T sensor	✓
	Rolling compensation	✓
	Truck Pusher	Optional

\* Passenger car alignment sensors required.



**WA470E**  
(shown with optional 27 inch LCD monitor)



**WA310E**  
(shown with optional 27 inch LCD monitor)



**WA360E**  
(shown with optional 27 inch LCD monitor)



**WA370E**  
(shown with optional 27 inch LCD monitor)

# DSP700T sensor features

	DSP760T	DSP740T
Axles live	3	2
High-speed wireless radio communications	✓	✓
Pro-Comp® continuous compensation	✓	✓
Rolling compensation	✓	✓
Level Reminder® on-screen leveling	✓	✓
Sensor locking mechanism	✓	✓
Interrupted measurement retention	✓	✓
Light-weight construction	✓	✓





# Ordering Guide

## Choose your cabinet model...

- WA310E** *Standard cabinet accessories:*  
– Steering wheel holder  
**WA360E** – Brake pedal depressor  
**WA370E** *Power Requirements:*  
115V or 230V, 1-ph, 50/60 Hz  
**WA470E**

## Choose your alignment sensors...

- DSP760T** **6 cordless optical sensors**  
with 6 self-centering wheel adaptors, 6 storage  
brackets, 2 sensor shaft extensions  
**DSP740T** **4 cordless optical sensors**  
with 4 self-centering wheel adaptors, 4 storage  
brackets, 2 sensor shaft extensions



20-2886-1



20-2850-1



20-2882-1-E



20-2855-1



20-2876-1

20-2875-1

Rack turnplates are also available.

## Choose additional optional accessories...

- 20-2855-1 **Truck Pusher**  
CTN-1757 **Printer** — High Speed USB  
CTN-1833 **LCD Monitor** (27 inch)  
with Mounting Bracket  
CTN-1834 **LCD Monitor** (24 inch)  
with Mounting Bracket  
20-2871-1 **Mounting Bracket**  
for 24-27 inch Monitor  
20-2910-1 **Hand Held XF Radio Remote Control Kit**  
(For use with WA360E, and WA310E. Included  
with WA370E and WA470E.)  
20-2875-1 **Heavy-Duty Rolling Comp Plates**  
(Rack Mount)  
20-2876-1 **Heavy-Duty Rolling Comp Plates**  
(Floor Mount)  
25-24-1 **Heavy-Duty mechanical turning angle**  
**gauges** (2 required)  
20-2886-1 **Truck 2 Sensor Storage Post**  
with Recharge Power  
20-2850-1 **Truck 6 Sensor Storage Cart**  
with Recharge Power  
20-2902-1 **Hub center Adapters**  
with Storage Brackets (2 each)  
221-646-1 **Heavy-Duty frame offset tool**  
69-1025-2 **Equipment cover**  
221-738-1 **Trailer gauge**  
20-1473-1 **Trailer Dolly Alignment Kit**  
20-2880-1-E **Plus Cordless Remote Indicator**  
20-2881-1-E **Icon Remote Indicator**  
20-2882-1-E **Icon Cordless Remote Indicator**

*For detailed information on models, cabinets and accessories, contact your Hunter representative.*

**HUNTER**  
**Engineering Company**

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