

WinAlign® HD Alignment Systems

Fast and accurate wheel alignment for multi-axle trucks



New DSP760T alignment sensors

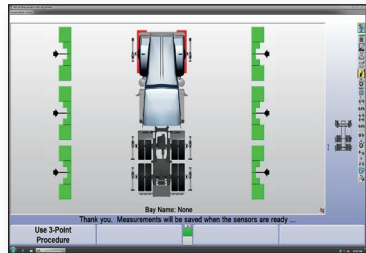
Hunter's new DSP760T heavy-duty alignment sensors reduce setup time and provide accurate alignment readings.



PATENTED

Rolling Compensation

- ✓ No jacking required
- ✓ Compensate all sensors at once
- ✓ Short roll comp



PATENT PENDING

Six Sensors Live

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



PATENT 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



STANDARD

Cordless Operation

- ✓ No cumbersome cables
- ✓ Hot-swappable batteries



PATENT 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

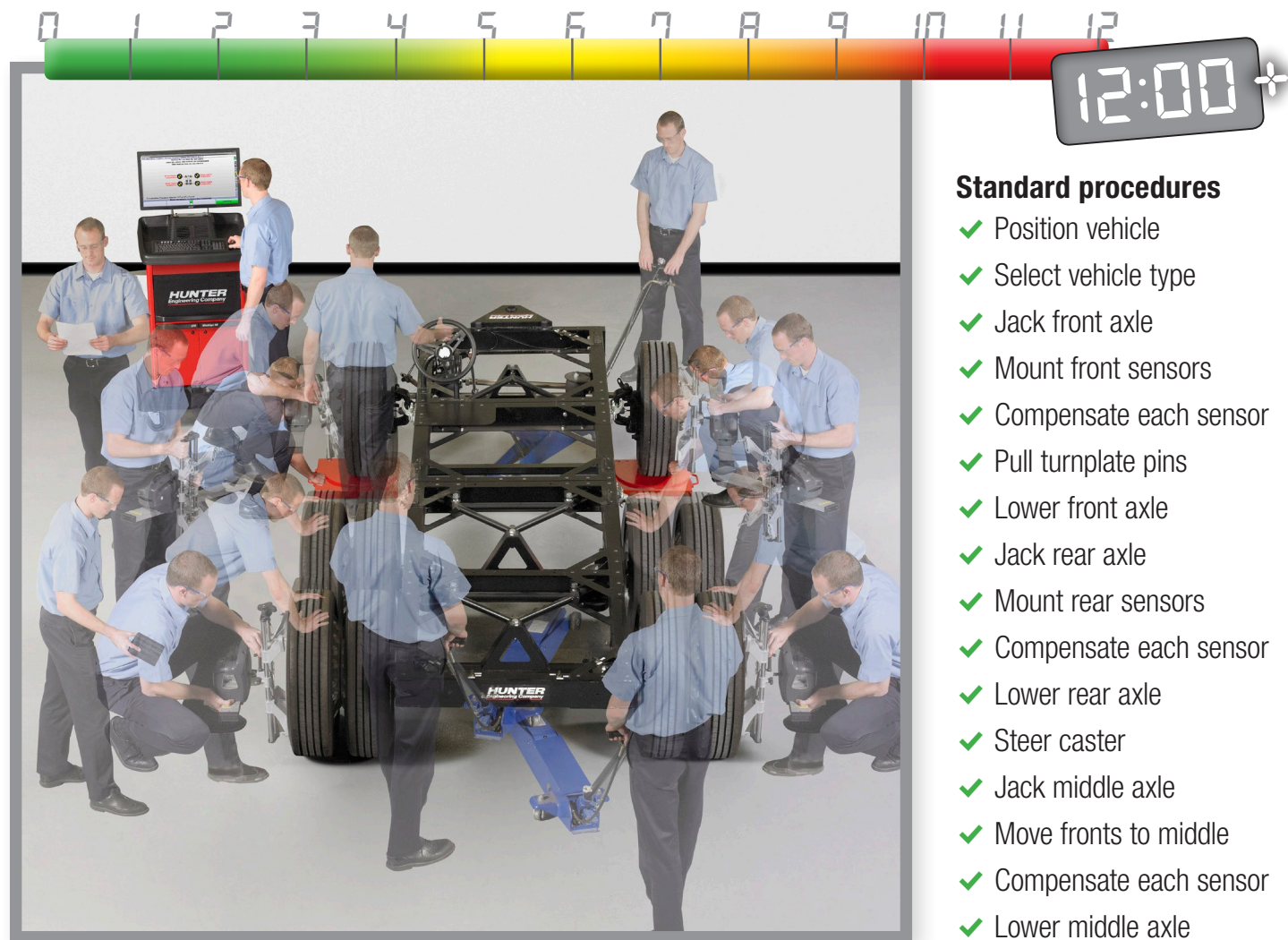
- ✓ High versatility for trucks and buses with low-hanging bumpers or air dams
- ✓ Fits wheels 15 to 28 inches in diameter



Rugged

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

Previous setups used valuable shop time...



Standard procedures

- ✓ Position vehicle
- ✓ Select vehicle type
- ✓ Jack 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 caster
- ✓ Jack middle axle
- ✓ Move fronts to middle
- ✓ Compensate each sensor
- ✓ Lower middle axle
- ✓ Print results

12:00-15:00 Total

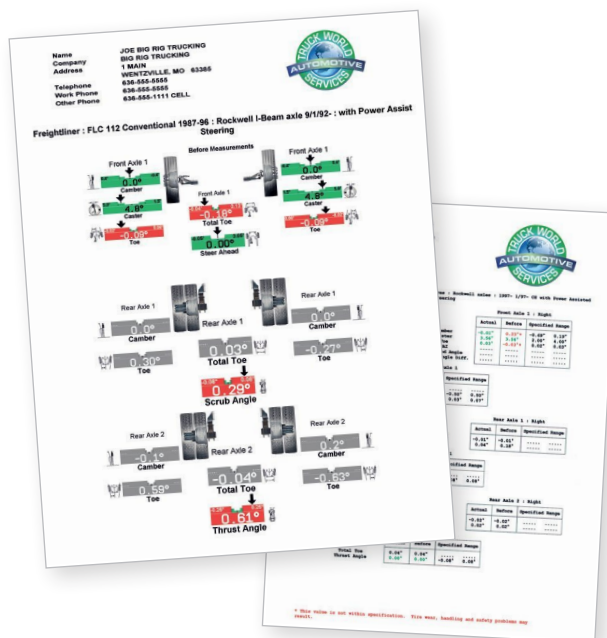
...Today, present your results in just 4 minutes!



New procedure

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

4:00 Total



ACTIVITY TRACKER

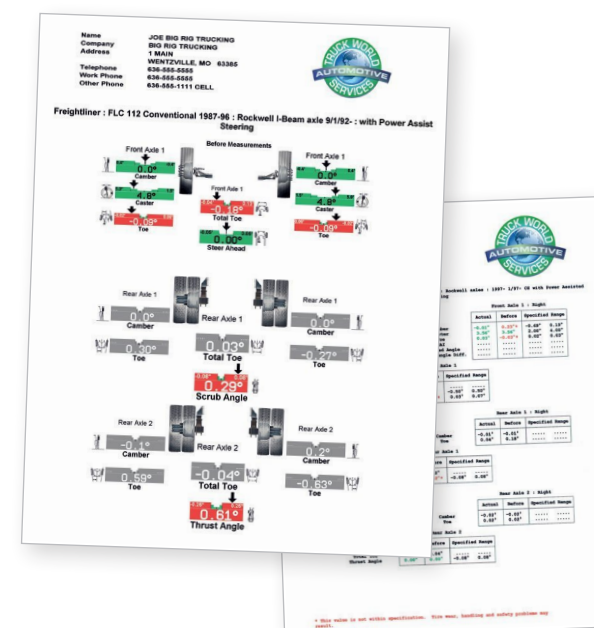


axles jacked to compensate

sensor movements

total walking steps

additional minutes required before adjustment



ACTIVITY TRACKER



axles jacked to compensate

sensor movements

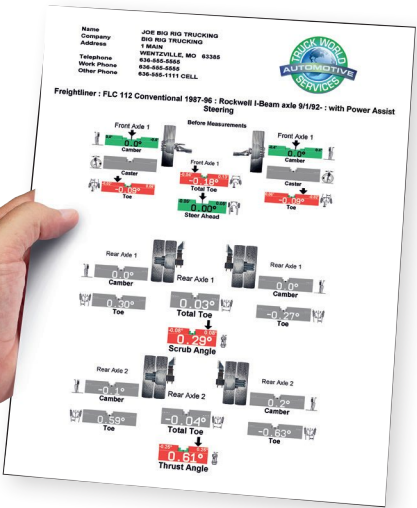
total walking steps

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

Console configurations

Industry-leading hardware and software	WinAlign HD	
	Intel Core i3 Processor 3.70 GHz (or greater)	✓
	4 GB of DDR3 SDRAM Memory	✓
	240 GB SSD hard drive (or greater)	✓
	DVD-RW/CD-RW drive	✓
	Windows® 10 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.



WA670E

Shown with optional 27 inch LCD monitor



WA570E

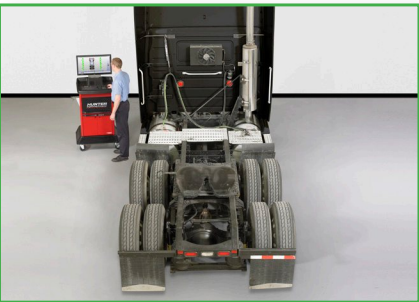
Shown with optional 27 inch LCD monitor



WA560E

Shown with optional 27 inch LCD monitor

Step-by-step procedure for HD alignment checks



1. Pull in vehicle



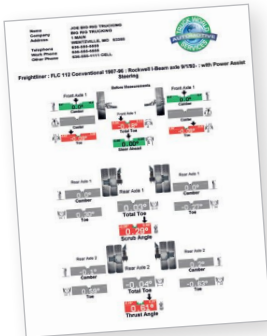
2. Recall the specs



3. Mount six sensors



4. Roll vehicle forward



5. Retrieve the printout



6. Sell the service

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	✓	✓



DSP760T



DSP740T



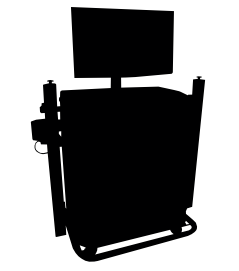

STANDARD

Self-centering wheel clamps

Standard wheel clamps allow clamping of wheels 15-28 in. diameter.

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

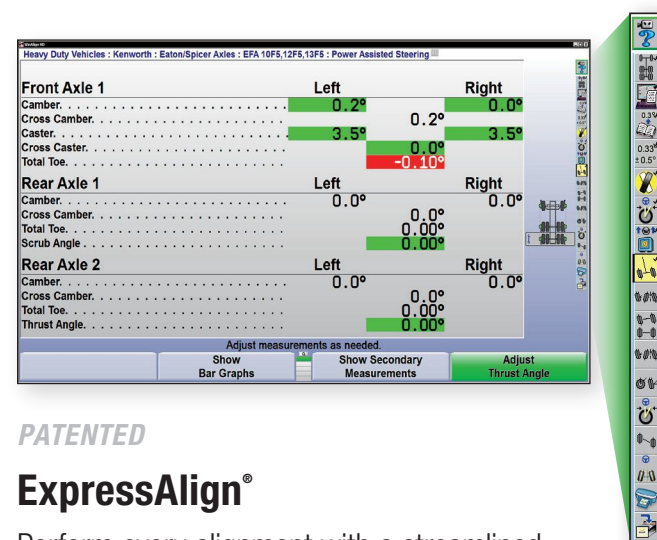
The importance of software...

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.



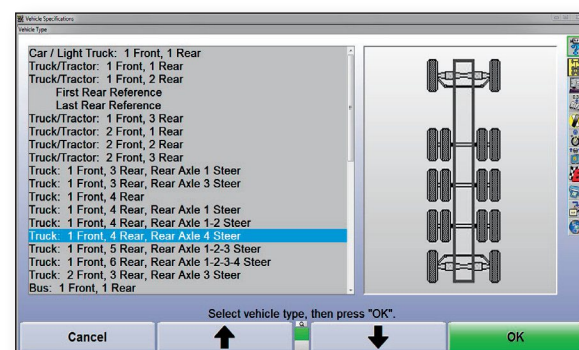
PATENTED

ExpressAlign®

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

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



60+ Axle configurations possible

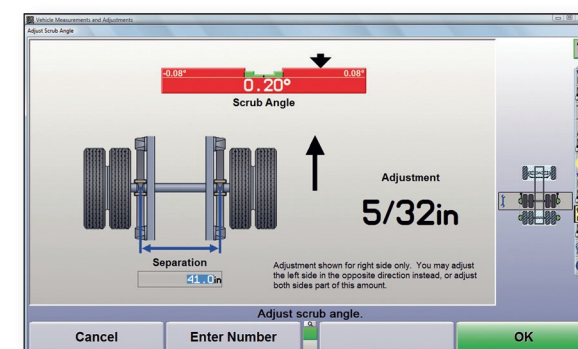
WinAlign HD software supports more than 60 customized truck, trailer and bus alignment procedures as well as passenger car and light truck alignment.



PATENTED

WinToe®

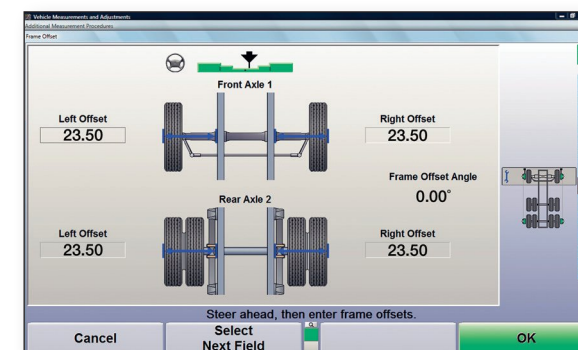
Ensure a straight steering wheel every time without repeated adjustments or using a steering wheel holder. Works with all vehicles on the road today, from cars to Freightliners.



PATENTED

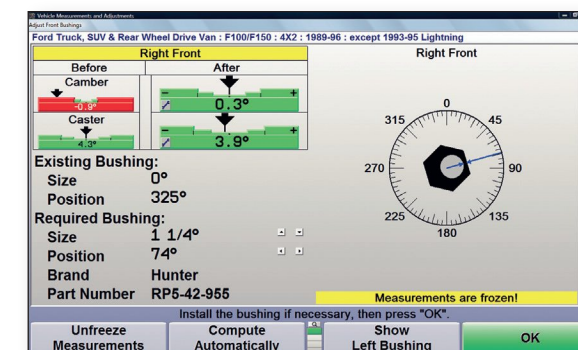
Rear Axle Adjustment Calculations

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



Frame Offset Angle Display

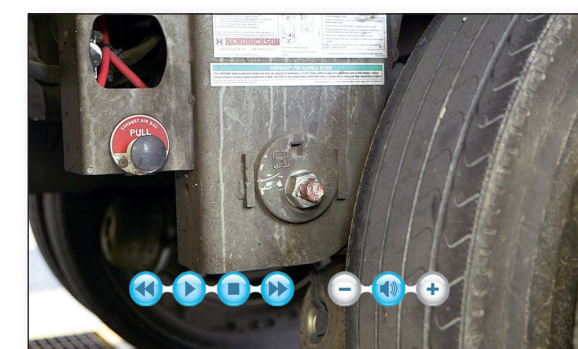
Measure frame offset angle and calculate adjustments to frame centerline, if a frame reference alignment is needed.



PATENTED

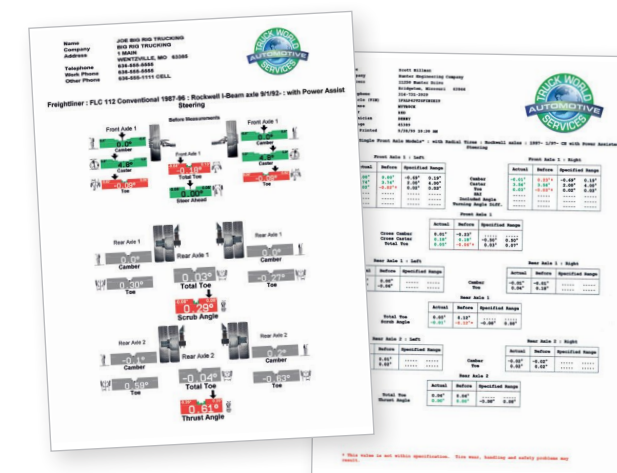
Automatic Bushing Calculator®

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.



Adjustment Videos

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



Before and after alignment results can be printed in color.

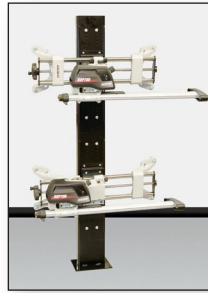
Accessories



PATENT PENDING

Truck Pusher – 20-2855-1

Hunter's battery operated pusher easily moves the vehicle for accurate rolling compensation.



Sensor storage

Post: 20-2886-1, Cart: 20-2850-1

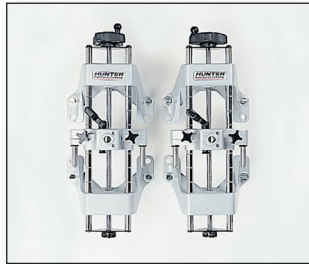
Sensor storage post (left) or cart (right) provides convenient access and storage for alignment instruments.



Remote indicator

Cordless: 20-2882-1E

Remote indicator is designed to provide the operator with complete control while making adjustments to the vehicle.



Mini self-centering wheel clamps 175-284-1 (2 required)

Allow mounting sensor to hub center of front rims.

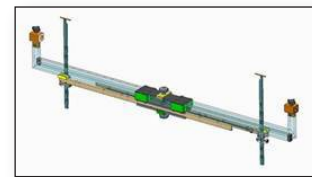


Frame reference support bar 208-34-1



Heavy-duty frame dowel adapter 20-3279-1

For Mercedes, Iveco Stralis, MAN TGA, Renault Magnum, Euro



Frame gauge kit 20-3184-1

Includes 2 adaptors, 4 short frame hooks, and 4 long frame hooks.



Trailer gauge 221-738-1

Trailer alignment gauge tool mounts sensors to the trailer kingpin. Trailer axles are adjusted to centerline.



Trailer tow eye adapter 175-486-1

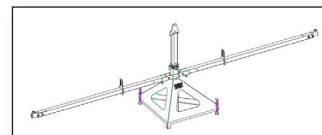


Trailer king pin adapter 175-485-1



Bus body reference stands – 20-3246-1

Includes 4 stands



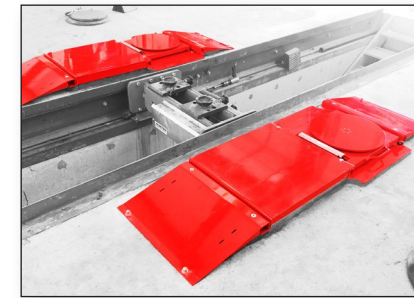
Trailer dolly 20-3161-1

Turnplate options for high-volume traffic

- ✓ Adjustable track width from half-tons to Class 8
- ✓ 10,000 kg (22,000 lbs) per axle
- ✓ Built-in turnplate bridges for rolling comp



Lock turnplates with a switch or automatically through an FIA-equipped aligner.



Surface-Mount — align heavy-duty vehicles on your shop's floor

- ✓ Permanent installation
- ✓ Accommodates existing pits

20-3291-1 PowerSlide™



Rack-Mount — breathe new life into your existing rack

- ✓ Compatible with RKHD, PT, PE, and PF model racks
- ✓ Perform Quick Checks and alignments quicker and easier

20-3334-1 PowerSlide™



Flush-Mount — great for new construction or shop remodel

- ✓ Level profile reduces tripping hazards
- ✓ Clean installation and smooth approach

20-3294-1 PowerSlide™

Other turnplate options



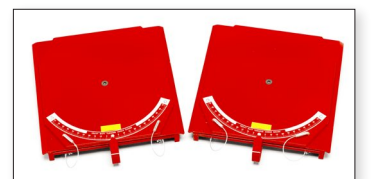
Portable Turnplates 20-3271-1

- ✓ Multiple bays
- ✓ Multiple steer axles (multiple sets required)
- ✓ Mobile alignment service
- ✓ 10,000 kg (22,000 lbs.) per axle

Aluminum construction with ball bearing rotation and polymer translation plates

Traditional Pinned Turnplates Not suitable for rolling compensation

- ✓ Low-cost solution
- ✓ Matching legacy Hunter® turnplates



Ordering Guide

1. Choose your cabinet model

WA670E

WA570E

WA560E

Standard cabinet accessories:

Steering wheel holder

Brake pedal depressor

Power Requirements:

115V or 230V, 1-ph, 50/60 Hz

2. 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

3. Choose additional optional accessories

20-2855-1 Truck pusher

CTN-1757 Printer (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 in. monitor

20-2910-1 Hand-held XF radio remote control kit
(For use with WA560E, and WA510E.
Included with WA570E and WA670E.)

20-2880-1-E Plus cordless remote indicator

20-2881-1-E Icon remote indicator

20-2882-1-E Icon cordless remote indicator

20-3291-1 Heavy-duty turnplates (surface mount)
with PowerSlide™

20-3334-1 Heavy-duty turnplates (rack mount)
with PowerSlide™

20-3294-1 Heavy-duty turnplates (flush mount)
with PowerSlide™

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)

69-1025-2 Equipment cover

221-646-1 Heavy-duty frame offset tool

208-34-1 Frame reference support bar

20-3279-1 Heavy-duty frame dowel adapter

20-3184-1 Frame gauge kit

221-738-1 Trailer guage

175-486-1 Trailer tow eye adapter

175-485-1 Trailer king pin adapter

20-3161-1 Trailer dolly

20-1473-1 Trailer dolly alignment kit

20-3246-1 Bus body reference stands (4 each)

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