

INSTRUCTIONAL EQUIPMENT REQUEST

2021-2022



LPC ADMINISTRATIVE SERVICES - REQUISITION INFORMATION PAGE

Internal Use
IE #: 2021-16
Total \$: 27,136.44

Requester Name: James Weston/Brian Hagopian Division Name: PATH

The equipment is: A Replacement An Upgrade New Equipment/Technology

SECTION 1: EQUIPMENT DESCRIPTION

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

The LPC Automotive Technology (AUTO) program is requesting a new John Bean/Snap On V3300 Wheel Alignment System. This alignment machine is one of the most modern (came out in late 2020) vehicle alignment systems on the market. The V3300 is one of the first vehicle alignment systems to fully integrate alignment calibration with Advanced Driver Assistance Systems (ADAS) calibration.

ADAS are vehicle systems like Lane Departure Correction, Automatic Emergency Steering/Braking and "Auto-Pilot" type systems that are very commonplace on vehicles built over the past 6-8 years. When performing a vehicle alignment on these ADAS equipped vehicles it is often necessary to recalibrate the ADAS features as well. A fully integrated Alignment/ADAS calibration machine is new technology now but will be commonplace at dealership and independent shops over the next decade. It is absolutely necessary to educate our students on a machine like this to prepare them for their careers.

In addition this alignment machine will allow our SnapOn/National Coalition of Certification Centers certified instructor (Professor Hagopian) to issue our students a nationally recognized certification (Stackable Credentials) in Vehicle Alignment and Calibration.

Equipment Location Building: 800 Room: 809

Location Comments:

This equipment is fully self contained and fits our model of a flexible workspace as it can be rolled away into storage when not in use but set up and ready to use in 5 minutes when needed.

SECTION 1: EQUIPMENT DESCRIPTION (continued)

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

N/A

SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

Las Positas College provides an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career-technical goals while promoting life-long learning.

LPC PLANNING PRIORITIES:

- ❖ Implement the integration of all ACCJC standards throughout campus structure and processes.
- ❖ Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- ❖ Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

Specify how the equipment supports *LPC's Mission Statement and Planning Priorities*:

I believe that this Alignment System supports our mission statement because it can offer our career-technical students a nationally recognized certification that could potentially lead directly to obtaining a skilled job in the automotive industry. This certification can be achieved regardless of background or prior training or educational opportunities.

For the reasons just mentioned, I believe that obtaining this equipment also supports our planning priorities. This system will allow our instructor to issue a nationally recognized certification that can be obtained by students of any background and then use that certification to obtain a skilled job in industry.

SECTION 3: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

This equipment will support the Automotive Technology program, more specifically it will be used in our AUTO Introduction, AUTO A4 Suspension and Steering and our AUTO Lab classes primarily.

Will this equipment be a part of your upcoming Program Review or was it included last year? Please explain using the exact words from your Program Review. If not, explain why.

While this piece of equipment is not specifically mentioned in our 20-21 PR I believe Section 1, Part D, Item 3- "Building for Auto is in process" is our underlying motive for IER's for the next few years. At this time we are being advised there is no real budget allocated for new equipment to fill our new building, just basically moving our existing equipment into the new building, we plan on using the IER process to purchase things we can use now in our old building that will be shiny and new-ish for our new building in Fall 2023.

SECTION 4: TEACHING AND LEARNING

In detail describe evidence and data that equipment provides much needed benefit and enhancement to teaching beyond current capabilities.

As mentioned previously the main enhancements

- New technology, alignment+ADAS. We do not currently have this capability at LPC Automotive Technology.
- Professor Hagopian will be able to issue yet another stackable credential (SnapOn/NC3 Wheel Service Certification) to help students become employed as skilled workers. Without this equipment he will not be able to offer this certification to his students.

Describe in detail the impact this equipment will have on learning:

This technology (wheel alignment + ADAS) is not only new technology to Las Positas, but is new technology to the industry. It is very rare when an automotive training school can offer new technology before it is the standard in the industry. Students will be able to learn on this new piece of technology before many of their more veteran counterparts in the field, giving them an advantage in learning skills that will make them valuable in the workforce.

Each academic year, this equipment will impact: ¹⁰ _____ # of classes/sections ¹⁵⁰ _____ # of students

SECTION 5: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved beyond current capability.

The SLO that would most closely apply to this equipment request comes from our AUTO A4 class...

AUTOA4 - Suspension and Steering

- Upon completion of AUTO A4, the student should be able to obtain and interpret powertrain data related to the steering and suspension system.

Again, this being new technology, students just simply could not satisfy this SLO in the same way as they could if we were able to offer them training and certification on this machine.

SECTION 6: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?

As with most automotive equipment like this life span should be 15-20 years. Software updated with new vehicle specifications come out frequently but typically for our purposes only need update every 3-4 years. This will be the first of this new type of alignment+ADAS machines, within 10 years the rest of our alignment machines will be replaced with technology like this.

If new storage is needed what are the storage requirements, location requirements, and costs associated with the new equipment: (NOTE: Specific storage costs should be detailed in the “Part A: Initial Start-up Costs” section below.)

N/A

If this equipment replaces old equipment but the old equipment will not be retired, are there on-going storage requirements, location requirements, and costs associated with the old equipment? If so, provide details.

If we weren't moving into a new facility in Fall 2023, storage might be a concern. We will make it work for now, and have plenty of room in the new building.

What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the “*Part B: On-Going Annual Operating Costs*” sections below as applicable.)

Aside from the aforementioned software updates every 3-5 years there are no regular servicing or upkeep costs related to this equipment.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:

I believe this equipment meets or exceeds our basic sustainability efforts and/or provides renewable resources by the fact that it has a minimum usable life of 15-20 years.

Part A: Initial Start-up Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials	24,158.55	
Taxes (9.5%)	2522.89	
Shipping or Delivery Charge	380.00	
Installation Costs *	75.00	Liftgate
Miscellaneous Costs:		
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Storage		
Other: ¹⁵⁰		
Vendor Discount		
Grand Total:		27,136.44

Part B: On-Going Annual Operating Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Annual Service or Maintenance		
Estimated Parts Replacement Per Year		
Outside Standardization or Calibration Costs		
Storage Costs		
New Supply Costs		
Maintenance & Repair Labor		
Licensing or Software	150	(averaged over 5 years)
Other: _____		
Annual Operating Costs:		150

Indicate the source of funding for on-going annual operating costs:

Regular operations budget.

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: Students

Is this in their current scope of duties? Yes, after training from Faculty

Indicate cost to train key operator (include in Initial Start-up Costs above): 0

Indicate amount of time per month key operator will use equipment: 20 hours

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: Lab Technician

Is this in their current scope of duties? Yes

Indicate cost to train for maintenance and repairs: 0

Indicate amount of time per month maintenance will be required: 10 minutes

SIGNATURE APPROVALS

Funded requesters will be expected to respond to a brief RAC feedback survey by a requested deadline.

- *Requests for computer-related equipment and printers will be reviewed by the LPC IT Department.*

REQUESTOR

Date 9/6/21

DIVISION DEAN/MANAGER

Date 9/16/21

ADMIN SERVICES, VP

Date

Admin Services will route as needed

IT MANAGER

Date

M&O DIRECTOR

Date



OPEN PO

Office of Administrative Services

(Wait 5-10s)

Reset Submit

Requisition Request Form

R _____ - _____

Fiscal Year	Vendor ID #	Vendor Name	Date Required		
21-22		Snap-on Industrial	10/1/2021		
Deliver To		Room #	Return Copy of Requisition To		
James Weston/Brian Hagopian			James Weston/Brian Hagopian		
Seq	Item #	Description	Qty	Unit Price	Extended Cost
1	EEWA552CKT	V3300 Certification Kit	1	\$ 24,158.55	\$ 24,158.55
2	SOEFREIGHT	Freight for Snap-On Equipment	1	\$ 380.00	\$ 380.00
3	SOELIFTGATE	Lift Gate for Snap On Equipment	1	\$ 75.00	\$ 75.00
4					\$ 0.00
5					\$ 0.00
6					\$ 0.00
7					\$ 0.00
8					\$ 0.00
9					\$ 0.00
10					\$ 0.00
11					\$ 0.00
12					\$ 0.00
13					\$ 0.00
14					\$ 0.00
15					\$ 0.00
Comments				Subtotal	\$ 24,613.55
				0.00% Tax	\$ 2,522.89
				Shipping	\$ 0.00
				Total Cost	\$ 27,136.44
FOAP to be Charged				%	Amount
				100	\$ 27,136.44
FUND	ORG	ACCOUNT	PROGRAM		
-	-	-	-		
FUND	ORG	ACCOUNT	PROGRAM		

James Weston/Brian Hagopian

Requestor (print name)

Date

Dean (signature)

Date

Kristina Whalen 9/22/21

Coordinator/Manager (signature)

Date

Vice President (signature)

Date

OFFICE OF ADMINISTRATIVE SERVICES USE ONLY

Reviewed: _____
Administrative Services

Verified: _____
Administrative Services Officer

Approved: _____
VP, Administrative Services

PO Number: _____

Budget Transfer #: _____

Entered: _____



Quote

Submit to Snap-on Industrial
 3011 IL RTE 176, Door 1
 Crystal Lake, IL 60014
 877-740-1900

Quote Number IMP-000792330
Quote Date 8/4/2021
Quote Expiration Date 10/3/2021
Contact Name James Weston
Email jweston@laspositascoll
 ege.edu
Phone Number 9254241137
Customer BP 201270996
Customer Name CHABOT-LAS POSITAS
 C.C.D. ATTN: RECEIVING
 DEPT
Sales Rep Paredes, Robert F
Mobile # 408-826-1460
Email Address Robert.F.Paredes@snapon.com

Ship Via 52 - UPS FREIGHT COLLECT
Payment Terms P30 - NET 30 DAYS
Ship to 201270996
 CHABOT-LAS POSITAS C.C.D. ATTN:
 RECEIVING DEPT
 3000 CAMPUS HILL DRIVE
 LIVERMORE CA 94551
Bill to 201238479
 DO NOT MAIL DO NOT MAIL
 7600 DUBLIN BLVD
 accountspayable@clpccd.org
 DUBLIN CA 94568

Line Number	Part Number	Description	Quantity	List Price	Unit Net Price	Line Total
1	EEWA552CKT	V3300 CERTIFICATION KIT	1	\$24,158.55	\$24,158.55	\$24,158.55
Notes: Installation Included. Stewart McClain 08-04-21						
2	SOEFREIGHT	FREIGHT FOR SNAP-ON EQUIPMENT	1	\$1.00	\$380.00	\$380.00
Notes: Stewart McClain 08-04-21						
3	SOELIFTGATE	LIFT GATE FOR SNAP-ON EQUIP	1	\$75.00	\$75.00	\$75.00
Notes: Stewart McClain 08-04-21						

Total Weight 500.00 lbs
Subtotal \$24,613.55
Shipping \$0.00
Tax total \$2,522.89

Grand Total \$27,136.44

Tax and freight shown are estimates.

Applicable tax and freight will be charged to the Customer's account.

The sale of product is subject to Snap-on Industrial's standard terms and conditions of sale. Placement of an order is Customer's assent to these terms and conditions and Snap-on hereby objects to any additional and/or different terms which may be contained in any Customer forms or other documents. No such additional terms will be of any force or effect.

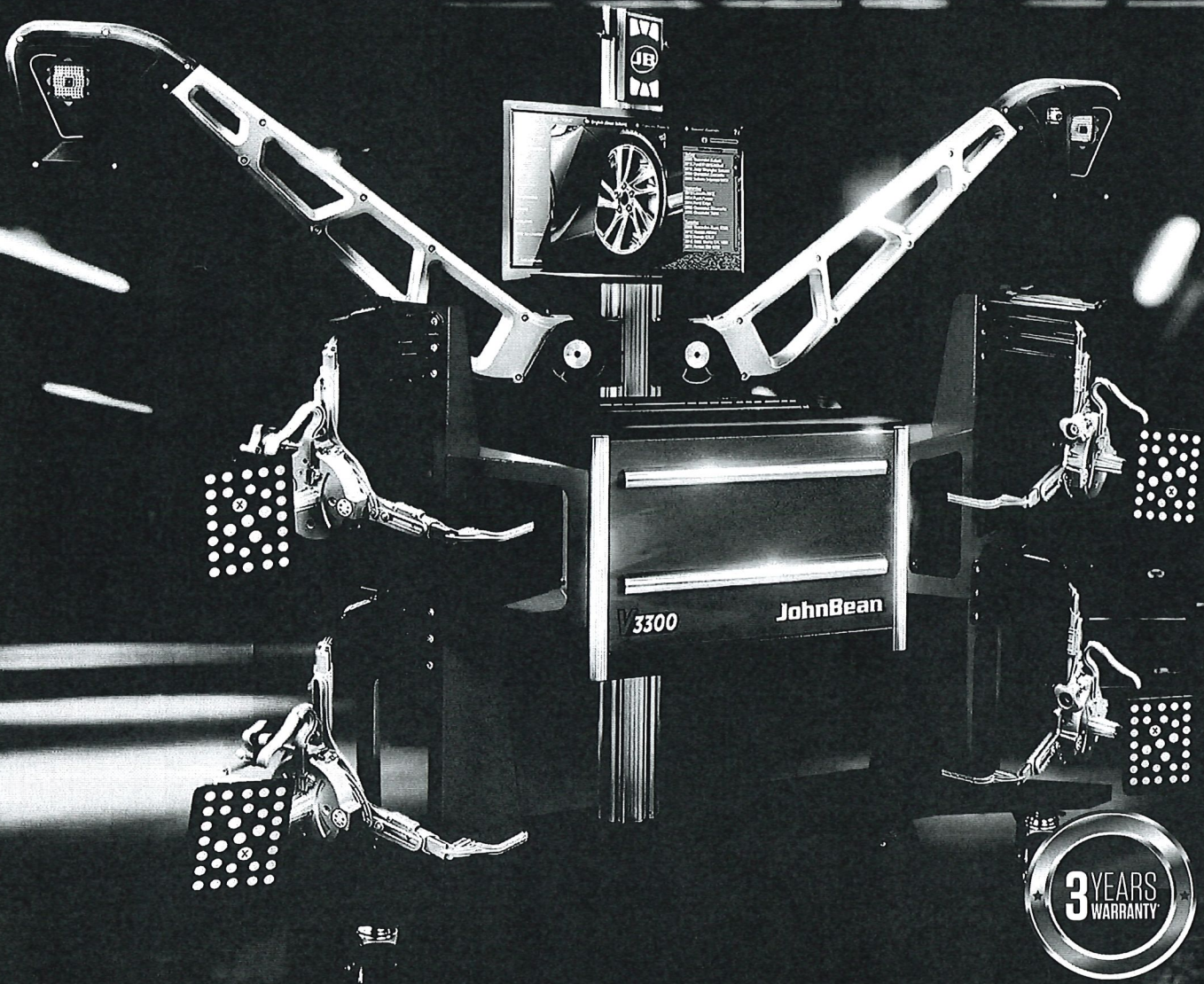
The sale of product is subject to Customer meeting Snap-on Industrial's credit approvals. Financing through Snap-on Credit LLC is available on most purchases. Ask your Sales Rep for more information.

*Please provide vendor and pricing information to customer service on this part number.



Be **FAST**

JohnBean



V3300

WORRY-FREE
DIAGNOSTIC WHEEL ALIGNER

THE FAST, FLEXIBLE WAY TO REV UP YOUR ALIGNMENT REVENUE.

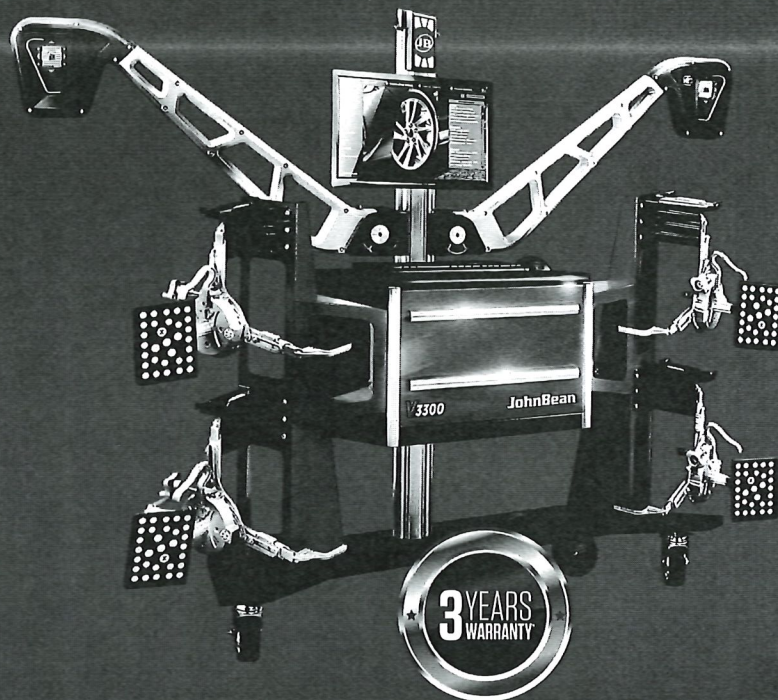
Be **FAST**

Who needs more to worry about? We've designed a standalone, worry-free mobile wheel alignment system that is able to provide quick and accurate measurements to increase error-free repair services.

The V3300 alignment system is designed to guide technicians of multiple skill levels through an accurate alignment in less time, reducing errors.

Its advanced notification system monitors the entire alignment procedure in order to automatically correct and compensate for simple issues without slowing you down; ensuring that every alignment is done on time.

If you are looking for a worry-free wheel aligner you can trust to be accurate while saving you time and increasing your revenue, the V3300 is your system of choice.

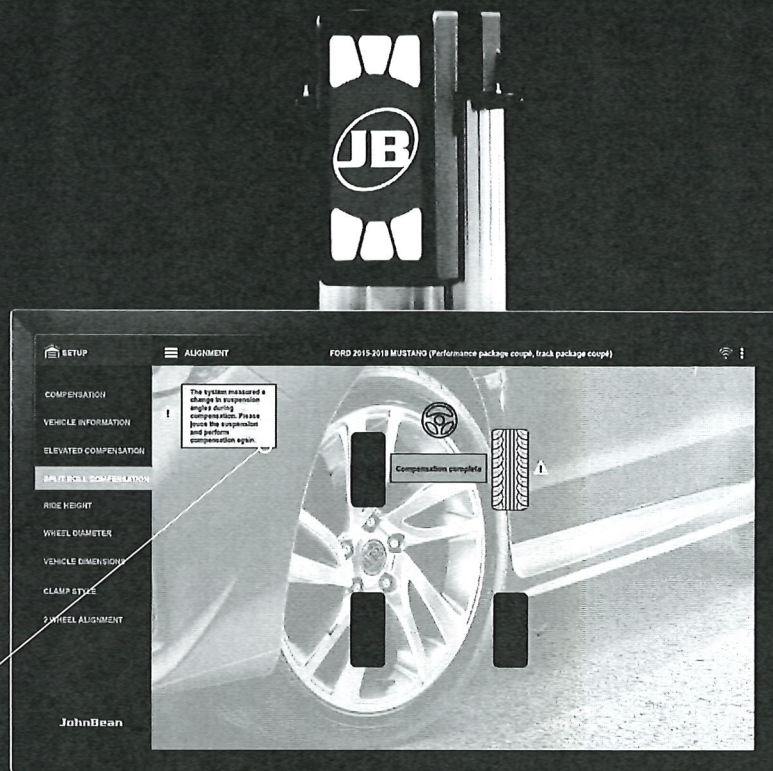


SHIFT YOUR REPAIR BUSINESS INTO HIGH-GEAR WITH THE V3300.

NOTIFICATION SYSTEM

We call it "Compensate-Warn-Alert" but all you need to know is that the system will compensate almost any error made during the alignment. Whether it's due to suspension stress or loose components, **the V3300 will quickly find and correct errors as they are made.** If the system is unable to fix an error, the technician will be notified with the right instructions to fix it.

The system measured an inconsistent rolling surface during compensation. Please check the rolling surface and perform compensation again.

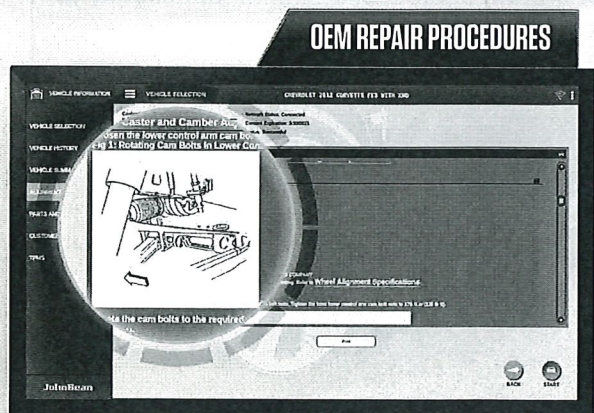
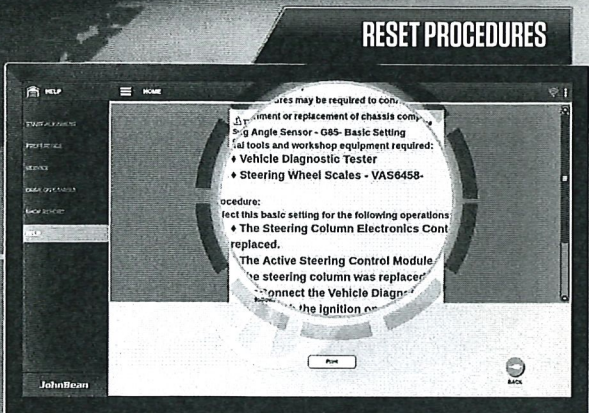
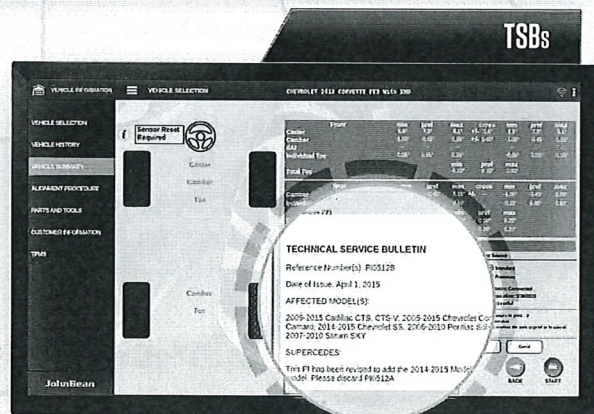
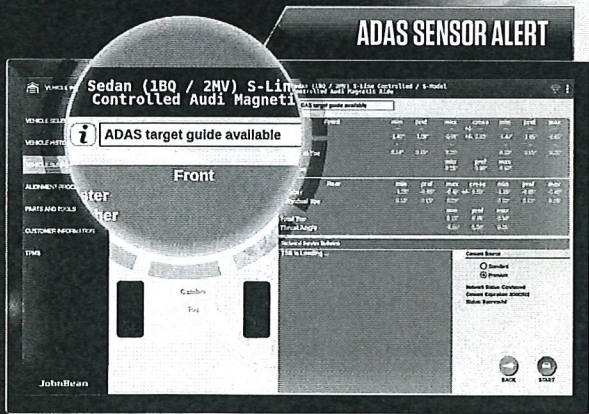
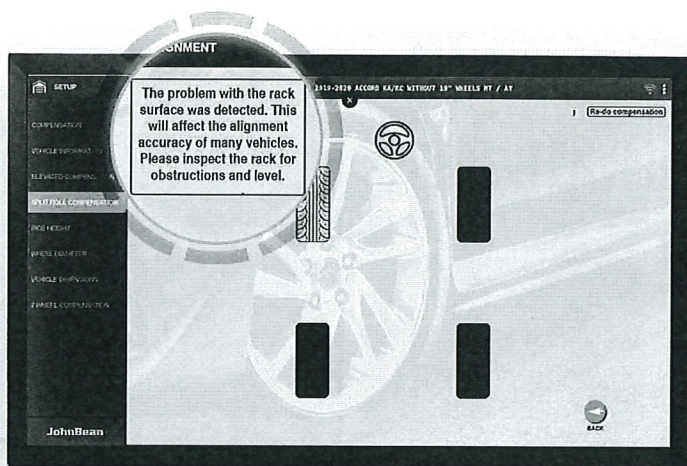


GO BEYOND WHEEL ALIGNMENT EASY ACCESS TO CRITICAL INFORMATION

The V3300 allows you to instantly access real-time OEM repair information, TSBs, recalls, and TPMS reset procedures.

There will be no more concerns about ADAS (Advanced Driver Assistance Systems), the aligner will alert you when the vehicle includes ADAS features and will provide the right procedure for adjustments and target placement.

The system's online connectivity allows for software and vehicle specification database updates in order for your shop to support the latest in alignment specs, aftermarket parts replacement, and steering angle reset procedures.



INCREASE PROFITS THROUGH PRODUCTIVITY

WORK
FAST

The fastest camera we have ever offered, the optimized software flow, and the built-in notification system work together to provide fast and accurate readings; allowing you to work quickly while maintaining confidence the results will be correct.

SAVE
TIME

Saving time in the alignment means you can complete the repair faster and do more alignments a day — increasing your profits while improving customer satisfaction.

SELL MORE ALIGNMENTS

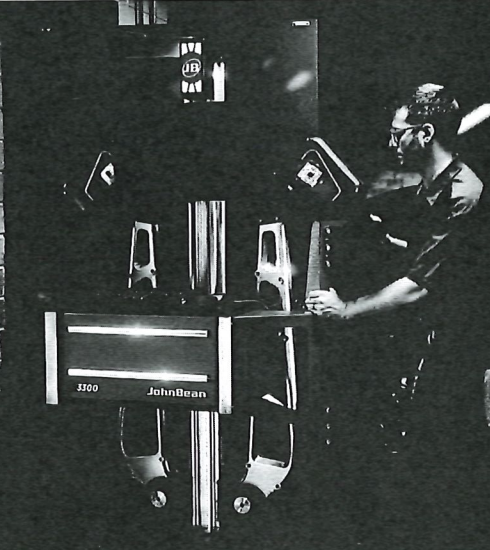
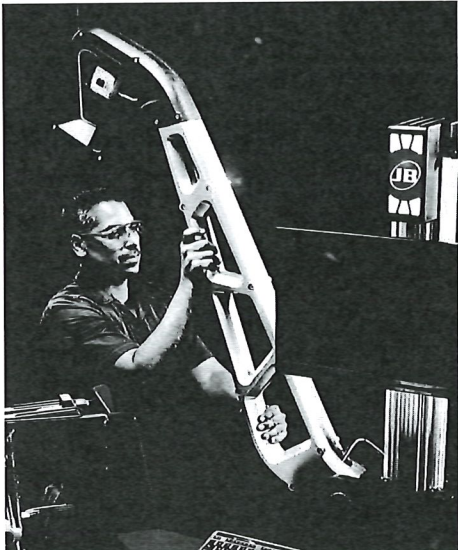
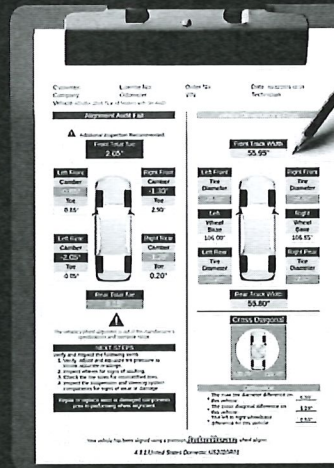
We can help you explain what additional repairs are needed. With features like Audit Check, you can uncover alignment problems and pick up extra services with easy-to-read printouts in under a minute.

ADDITIONAL
BUSINESS

Automatic alignment measurement print-out includes:

- Measurement of track width
- Front and rear toe
- Camber
- Wheelbase
- Rolling radius
- Cross diagonal

JohnBean



IT'S FLEXIBLE!

The V3300 allows you to move it around the shop and perform wheel alignments in any bay.

IT'S CONVENIENT!

Perform wheel alignment audit checks anywhere on the shop floor.

IT'S COMPACT!

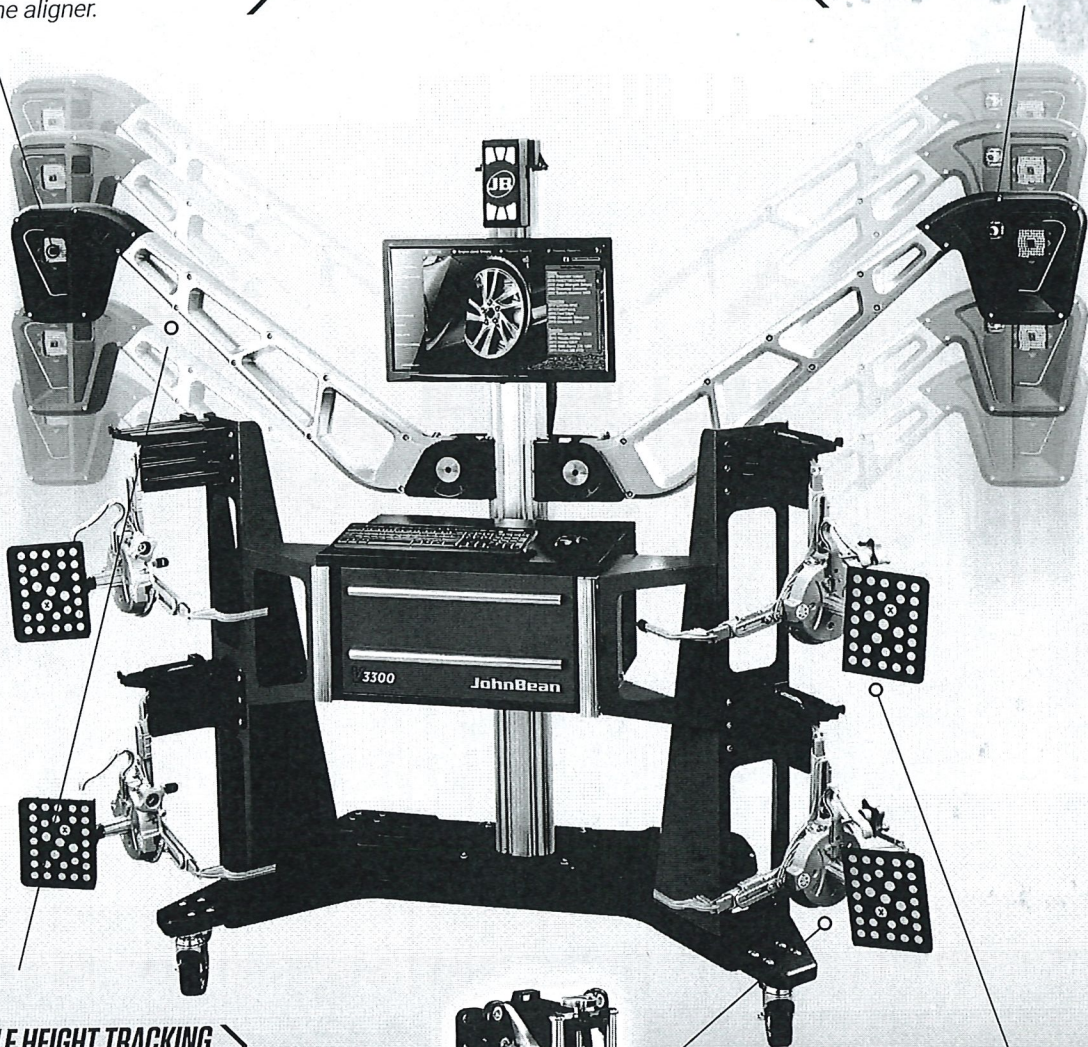
Integrated mobile base, folding beams and space-saving design makes storage easier.

VODI™

Guides the technician through the measurement process and reduces the amount of time spent walking back and forth from the vehicle to the aligner.

INTEGRATED DRIVE-ON CAMERA

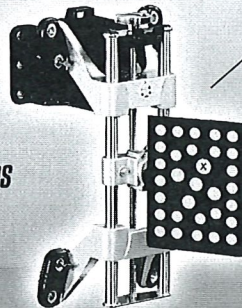
Creates a visual record of the vehicle that can be attached to the customer printout.



AUTOMATIC VEHICLE HEIGHT TRACKING

The camera system follows the height of the vehicle, eliminating the need to adjust the aligner when you move the lift. Continuous third camera calibration provides accurate readings and reliable alignment results.

OPTIONAL:
UNIVERSAL
WHEEL CLAMPS
AC200



AC400 WHEEL CLAMP

Clamp attaches to the tire with limited clamping force without touching the rim for a safe, fast and consistent placement every time.

EZ-TOE

Turn the front wheels to access difficult adjustment points while still displaying centered toe readings.

CROSS DIAGONAL

Measurements identify frame or structural damage.

WHEEL OFF MODE

Hard-to-reach adjustments are made easier.

FORD BUSHING CALCULATOR

Allows the user to enter the currently installed parts and select potential replacement parts to see the alignment results.

ROLLING RADIUS

Identifies mismatched tire sizes; a potential cause of vehicle pulling and driver complaints.

OTHER ADJUSTMENTS

Cradle, A-Arm, Drag Link, Single Tie Rod.

5 YEARS PEACE OF MIND WARRANTY PROGRAM
Always be up-to-date and at the peak of accuracy

Platinum

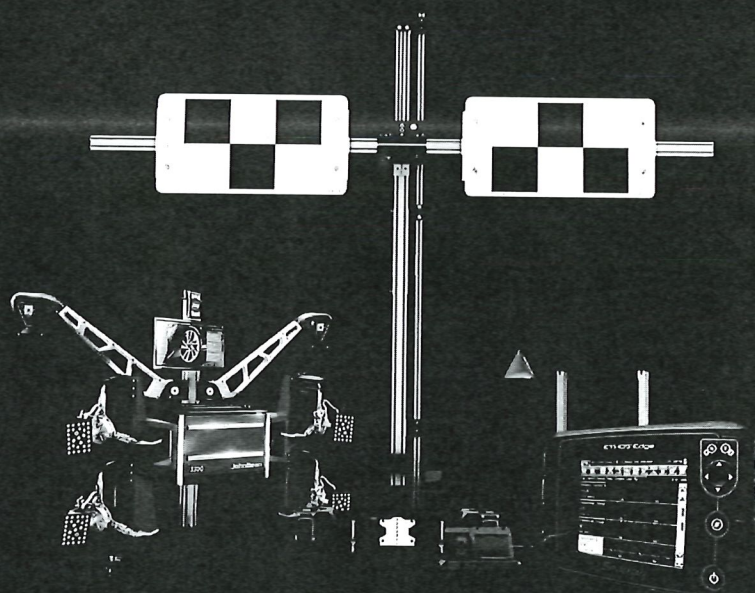
Specifications
Software Upgrades and Enhancements*
On-Site Service (Includes Parts & Labor)
Annual Optimizations and Precision Adjustments

PACKAGE SAVINGS!
\$6,700

* (3 Updates/Year Installed by a Factory Trained Professional)

REV UP REVENUE
WITH
ADAS RECALIBRATIONS

EZ-ADAS ALLOWS SHOPS TO EXPAND SERVICES AND COMPETE MORE EFFECTIVELY IN TODAY'S ADVANCED REPAIR ENVIRONMENT.



- Target placement guide uses clear, easy steps directly identified from the OEM
- High-accuracy laser positioning system
- Simple three-part system is fast to set up
- Exclusive mobile app with step-by-step videos that includes all information needed to perform recalibrations

TECHNICAL SPECIFICATIONS

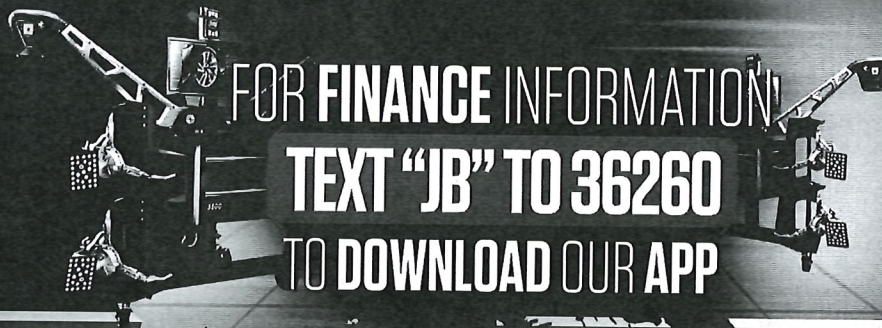
Tire Size (AC400)	19"-39" (48.3cm - 99.1cm)
Track Width	48"-96" (121.9cm - 243.8cm)
Wheel Base	79"-180" (200.7cm - 457.2cm)
Shipping Weight	544lbs (246.75kg)
Power requirements	100-230V
Display	24" TFT

STANDARD ACCESSORIES

- Steering Wheel Holder
- Brake Pedal Depressor
- Color Inkjet Printer
- (2) Wheel Chock
- 24" Flat Panel Monitor
- Wheel Clamps with XD Targets

*WARRANTY

- 3 year for part replacement
- 1 year for labor and travel



GET A QUOTE!

UNITED STATES
800.362.4618

CANADA
800.362.4608

JohnBean