

V3300

IMAGING WHEEL ALIGNER

JohnBean

A division of Snap-on, Inc



V3300

IMAGING WHEEL
ALIGNER

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FAST, EASY TO USE

Built from the ground up
for **SPEED**, with
mobility, flexibility,
and productivity in mind



MOBILE AND PORTABLE

WE'VE MADE IT EASY TO MOVE

- 4 swivel casters with brakes
- Lightweight platform
- Compact design

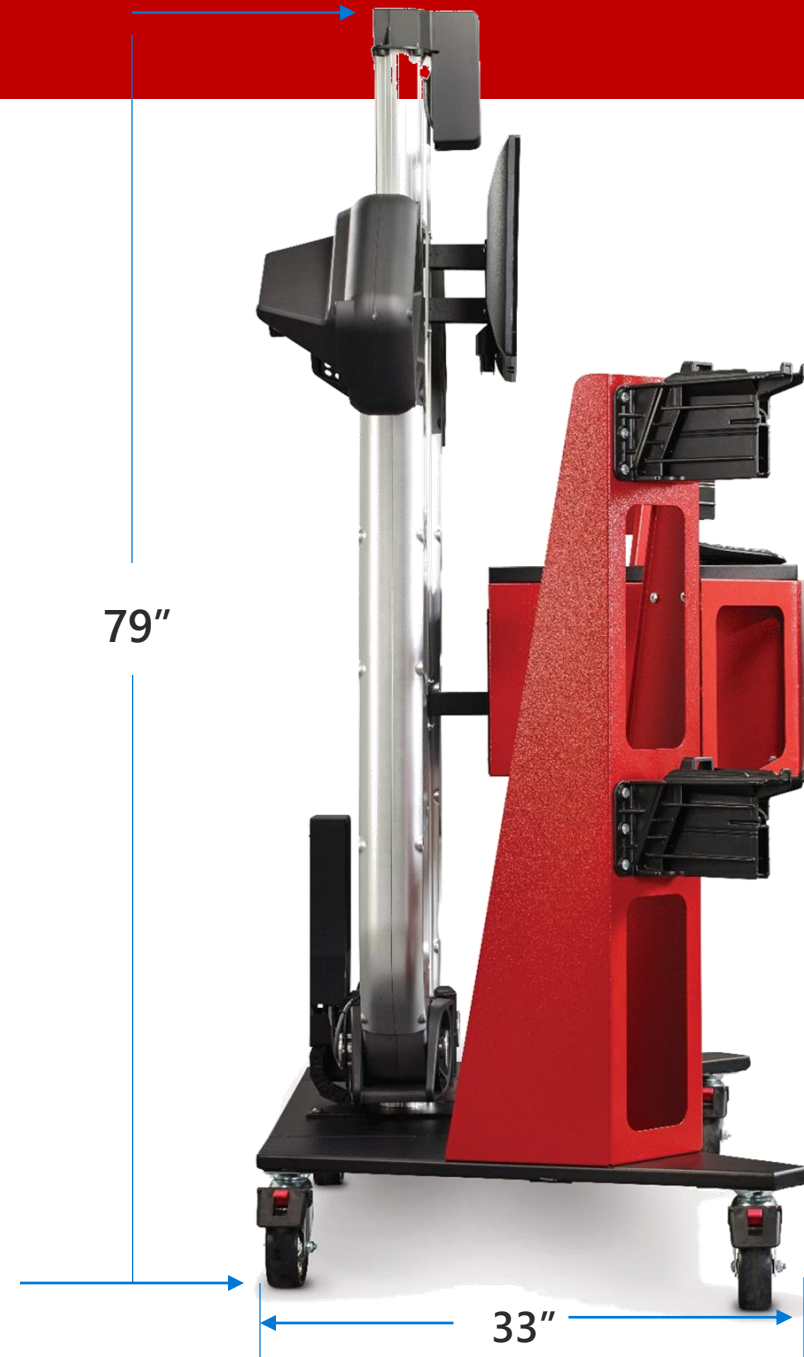
Perform alignment checks in one bay (built-in fast alignment check)

Align the cars in another bay



SLIM DESIGN

- Fits through a standard commercial door
- Gives you more floor space in front of the car
- Rolls nicely in a standard bay



LOW PROFILE

Low profile enhances the stability, by lowering the center of gravity, when moving the unit to another rack inside a crowded shop

Unit is shown in transport mode, camera beam folded and retracted.



UNIQUE AND PATENTED 3 CAMERA SYSTEM

- Eliminates periodic system calibration
- Lower yearly maintenance cost
- Faster return on investment
- Better wheel alignments



Auto-Tracking

Camera height automatically adjust to the vehicle height when the alignment platform is elevated or lowered

- Increase productivity
- Faster alignment time
- Less walking back and forth between the car and the console



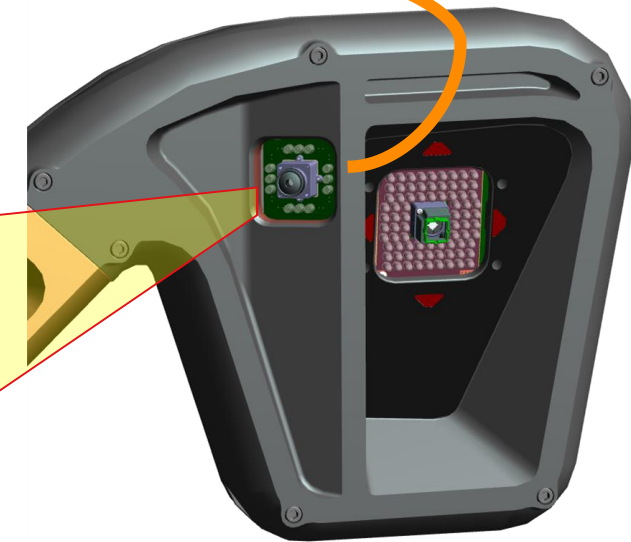
DRIVE-ON CAMERA

Color drive-on camera aids, assists the technician in properly positioning of the vehicle on the alignment rack without any help

Take a picture of the car and put in on the final alignment report



Drive-on camera aid



Productivity tool | saves time

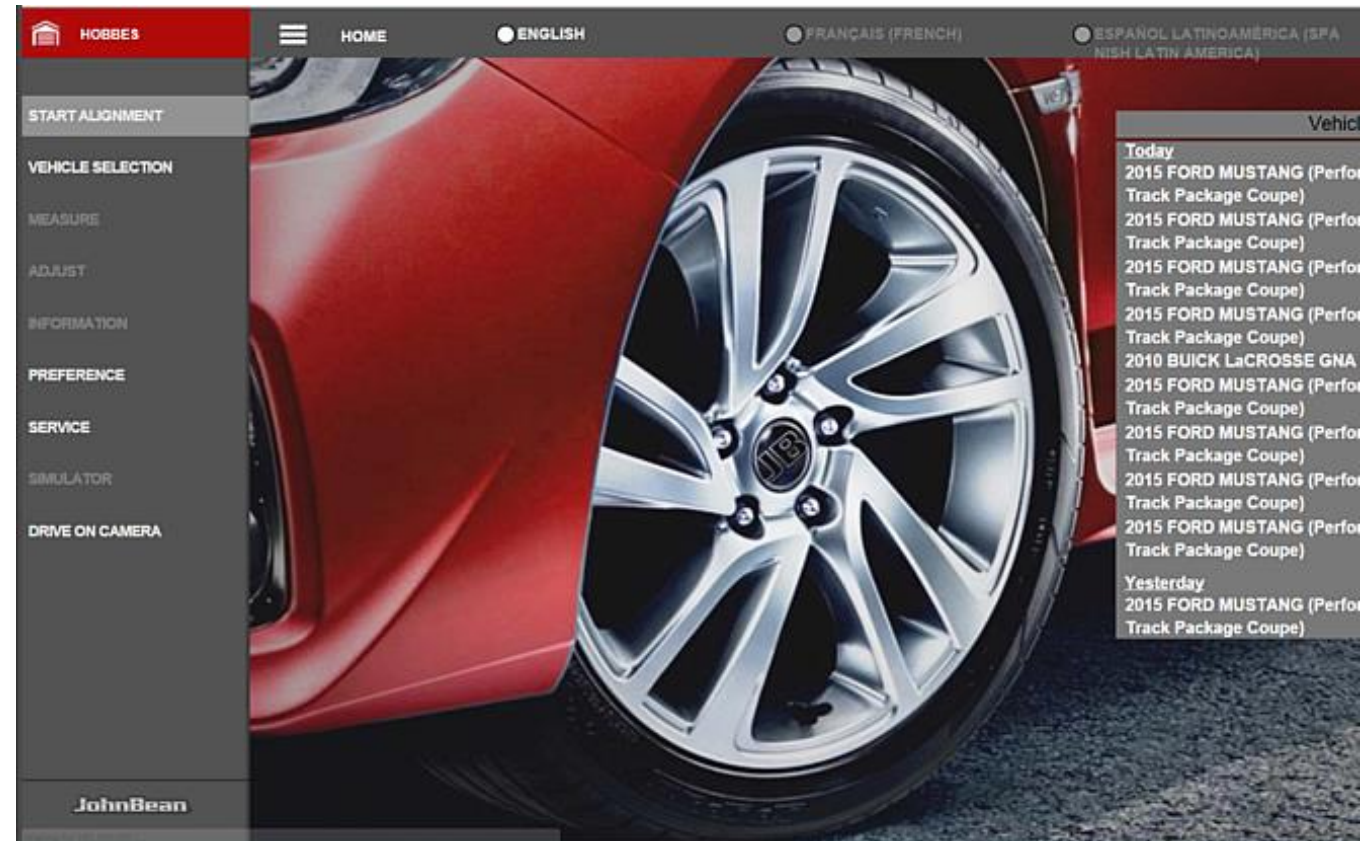
LANGUAGES

One on screen language
One print language

MULTIPLE LANGUAGES

Multiple languages of your choice, are conveniently positioned on the top tool bar for simple and fast selection

Chose one language for display while using another for printing



VEHICLE SELECTION

3 methods of selecting the car

- 1 VIN reader (linear and QR codes)
- 2 Manual (Make, Model, Model Year)
- 3 From the vehicle history file

- Faster vehicle selection
- Manual entry has predictable search



SELECT VEHICLE | **VEHICLE HISTORY**

VIN : 1FA6P8CFX5399103

Vehicle History

Today

- 2015 FORD MUSTANG (Performance Package Coupe, Track Package Coupe)
- 2015 FORD MUSTANG (Performance Package Coupe, Track Package Coupe)
- 2015 FORD MUSTANG (Performance Package Coupe, Track Package Coupe)
- 2015 FORD MUSTANG (Performance Package Coupe, Track Package Coupe)
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- 2015 FORD MUSTANG (Performance Package Coupe, Track Package Coupe)

2015 FORD MUSTANG (Performance Package Coupe, Track Package Coupe)

VIN	1FA6P8CFX5399103
License	
Odometer	
Name	
Address1	
Address2	
phone	
Email	

Use Photo?

JohnBean

PRINT | BACK | USE VEHICLE

VEHICLE SPECIFICATIONS

ALIGNMENT
SPECIFICATIONS

TSB' RECALLS INFO

SPECIAL PRE-ALIGNMENT
REQUIREMENTS

The screenshot displays the JohnBean V3300 software interface for a Ford 2015-2015 Mustang. The interface includes a sidebar menu with options like 'VEHICLE INFORMATION', 'VEHICLE SELECTION', 'VEHICLE HISTORY', 'VEHICLE SUMMARY', 'ALIGNMENT PROCEDURE', 'PARTS AND TOOLS', and 'CUSTOMER INFORMATION'. The main area shows a steering wheel icon and adjustment categories: Caster, Camber, and Toe. A table of specifications is visible, with columns for 'min', 'pref', 'max', and 'cross' for various parameters. A 'Technical Service Bulletins' section is also present, listing various vehicle issues. Three orange arrows point to specific features: 'VEHICLE INFO' points to the table, 'SPECIFICATIONS' points to the table, and 'LOADING' points to a loading indicator at the bottom.

	min	pref	max	cross	min	pref	max
Caster	6.16°	6.91°	7.66°	0.00°	6.16°	6.91°	7.66°
Camb	-1.78°	-1.03°	-0.28°	0.00°	-1.78°	-1.03°	-0.28°
SAI	--	--	--	--	--	--	--
Indivi	-0.05"	0.00"	0.05"		-0.05"	0.00"	0.05"
Total			-0.10"	0.00"	0.10"		

	min	pref	max	cross	min	pref	max
Camb	-2.25°	-1.50°	-0.75°	--	-2.25°	-1.50°	-0.75°
Indivi	0.00"	0.06"	0.10"		0.00"	0.06"	0.10"

	min	pref	max	
Toe		0.01"	0.11"	0.21"
Thrus			0.00"	

Technical Service Bulletins

- Recalls (3)
- Auxiliary Emission Control Systems (4)
- Cooling System (Mechanical) (1)
- Engine Control Systems (4)
- Exhaust (3)
- Fuel System (1)
- Mechanical - Hydraulic (1)
- Passive Restraints (1)
- Seats (1)

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CONNECTED AND INFORMED

INSTANT SOFTWARE UPDATES
OVER THE AIR SPECS

Vehicle undercar repair information
with torque specs TPMS info and
much more



TECHNICAL SERVICE BULLETINS

Specifications
Torque specs
Suspension information
Steering information
Repair information

ALL WHEEL DRIVE POWER TRANSFER UNIT FAILURE

TECHNICAL SERVICE BULLETIN

Reference Number(s): 21-05-00, Date of Issue: July 28, 2000
Related Ref Number(s): 21-05-00

ARTICLE BEGINNING

ALL WHEEL DRIVE POWER TRANSFER UNIT FAILURE

Model(s): 1996-2000 Chrysler (NS) Town & Country; 1996-2000 Dodge (NS) Caravan; 1996-2000 Plymouth (NS) Voyager; 1996-2000 Chrysler (GS) Voyager (International Markets); 2001 Chrysler (RS) Town & Country; 2001 Dodge (RS) Caravan; 2001 Plymouth (RS) Voyager; 2001 Chrysler (RG) Voyager (International Markets)

Group: Transmission

Bulletin No.: 21-05-00

Date: July 28, 2000

DISCUSSION

The All Wheel Drive (AWD) system used on Minivans uses a Power Transfer Unit (PTU) that connects the front drive components to the rear drive components. The PTU may fail if identical tires are not used on all four wheels. This kind of PTU failure is the result of extreme heat build up caused by a continuous difference of rotation speeds and torque transfer between the front and rear drive components when different size tires are used on the front wheels versus the rear wheels.

A difference in tire circumference measurements as small as 0.5% is enough to cause a PTU failure. PTU failures related to mismatched tires are not warrantable.

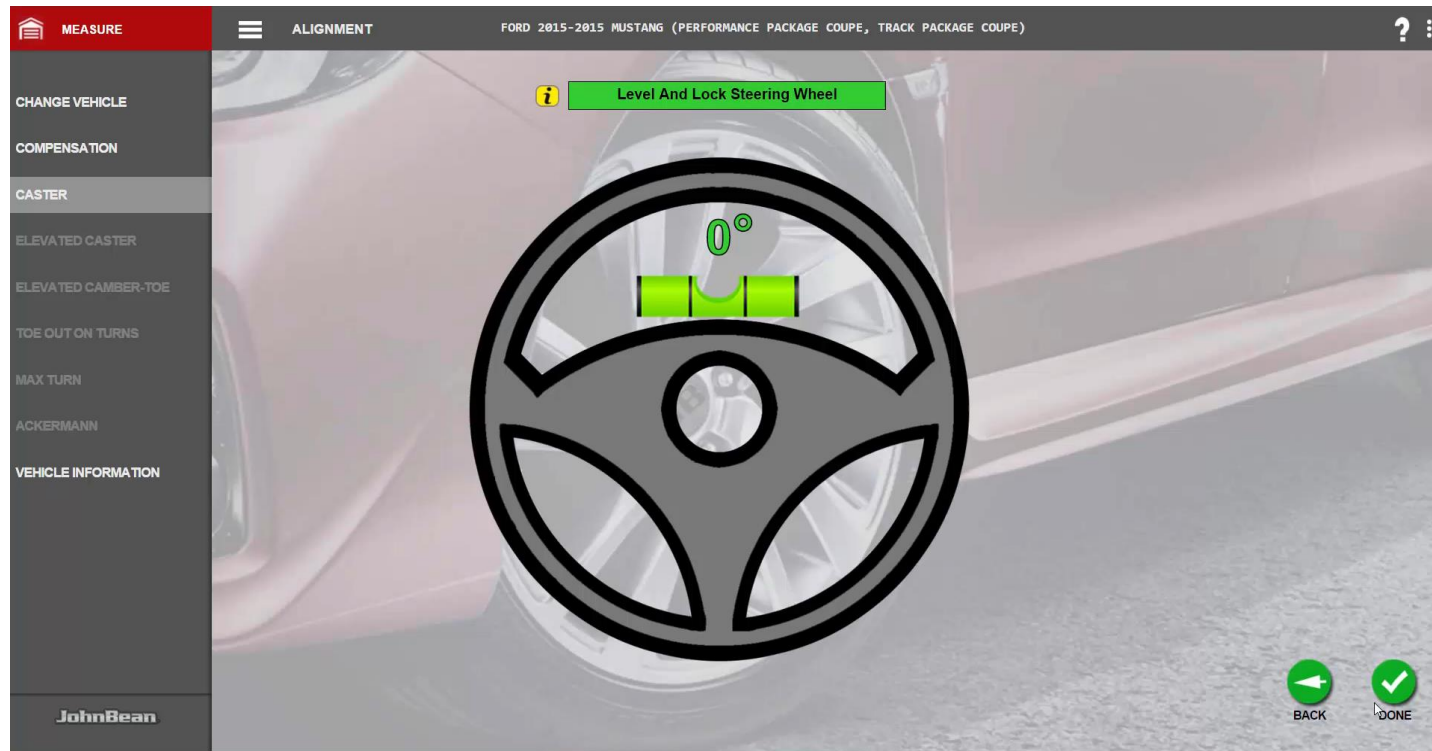
Important points to be remembered and to remind AWD minivan vehicle operators:

- Tires should be rotated every 7,500 miles or less to maintain even tread wear.
- Correct tire air pressure must be maintained.
- When tire replacement is necessary all 4 tires must be replaced with a matched (same manufacturer, model, and size) set.

DOCK AND LOCK METERS

SIMPLE METERS DELIVER A
POWERFUL VISUAL AID FOR FAST
AND PRECISE ADJUSTMENTS WITH
REAL TIME FEEL AND DOCK AND
LOCK FEATURE

Watch it here in real time

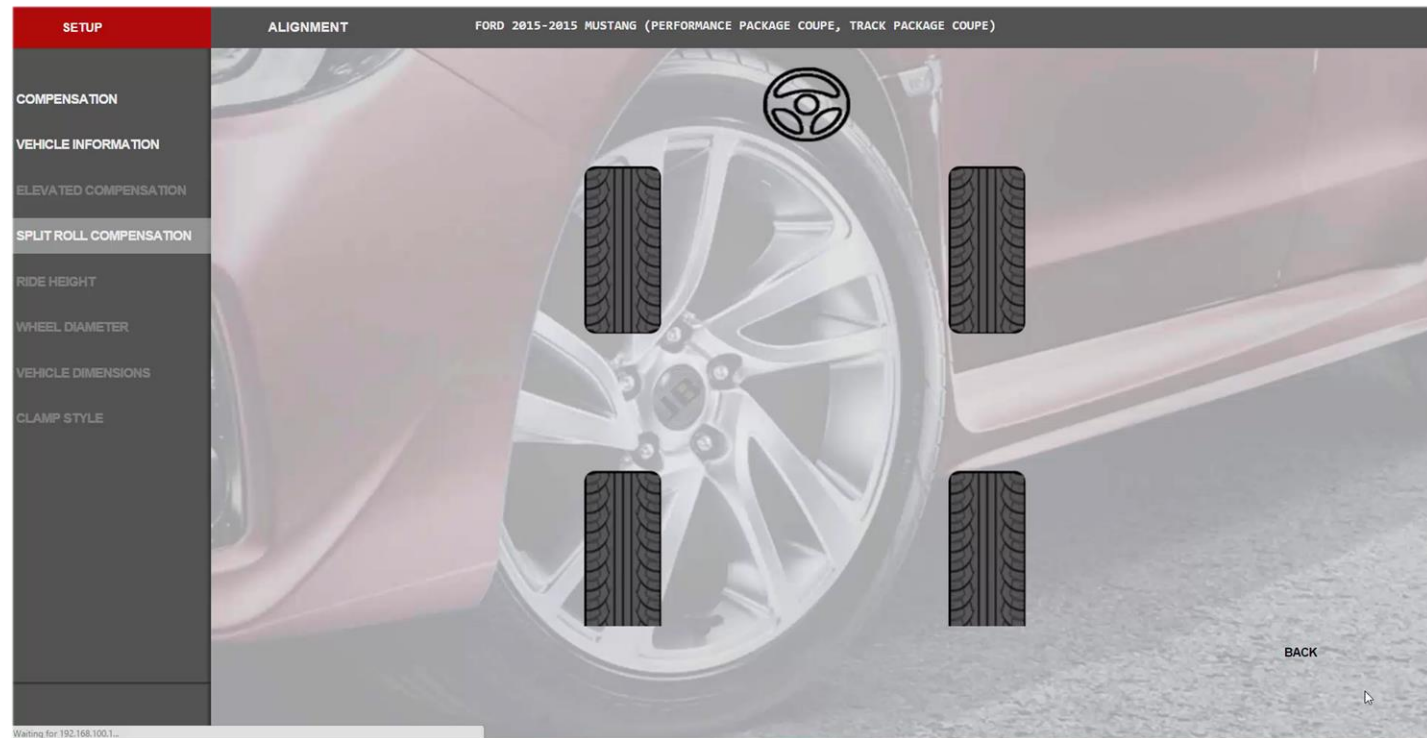


NO WAIT VEHICLE COMPENSATION

TRANSIENT COMPENSATION
MEANS YOU GET TO THE
NUMBERS IN LESS TIME

- Start adjusting faster
- Get more alignments out the door

Watch it here in real time



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NO WAIT CASTER \ SAI

TRANSIENT CASTER | SAI
MEASUREMENTS

Continuous uninterrupted
measurement

More speed where it counts

Watch it here in real time

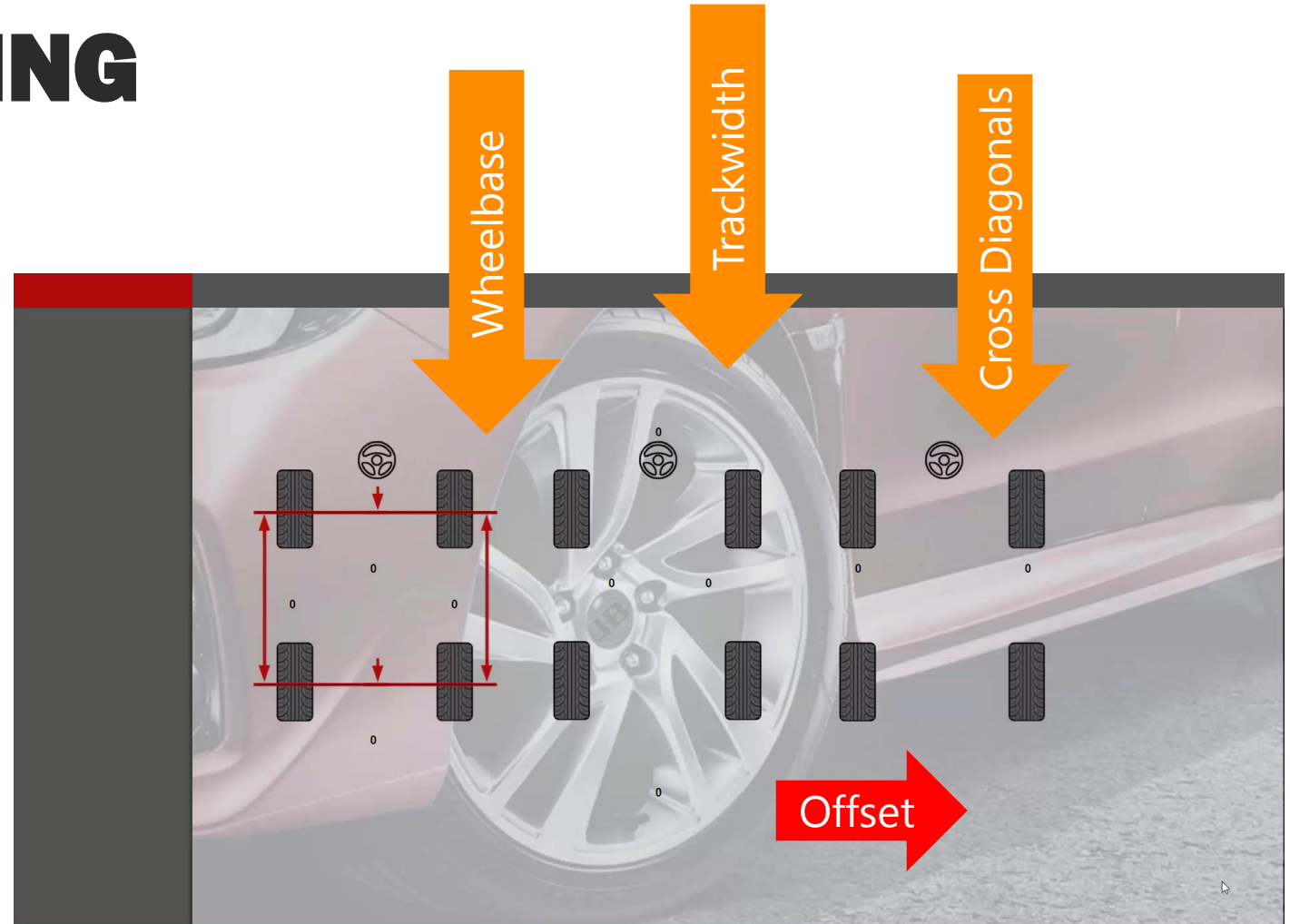


Video should start automatically

VEHICLE DIMENSIONING

INTELLIGENT APPLICATION
SCREEN ONLY DISPLAYS IF THERE
IS A REASON FOR IT

- Vehicle has been in a crash
- Came from a body shop
- Powerful diagnostic tool
- Frame is not square
- Cradle has shifted



How would you like to know if the know of the vehicle can be adjusted before you start?

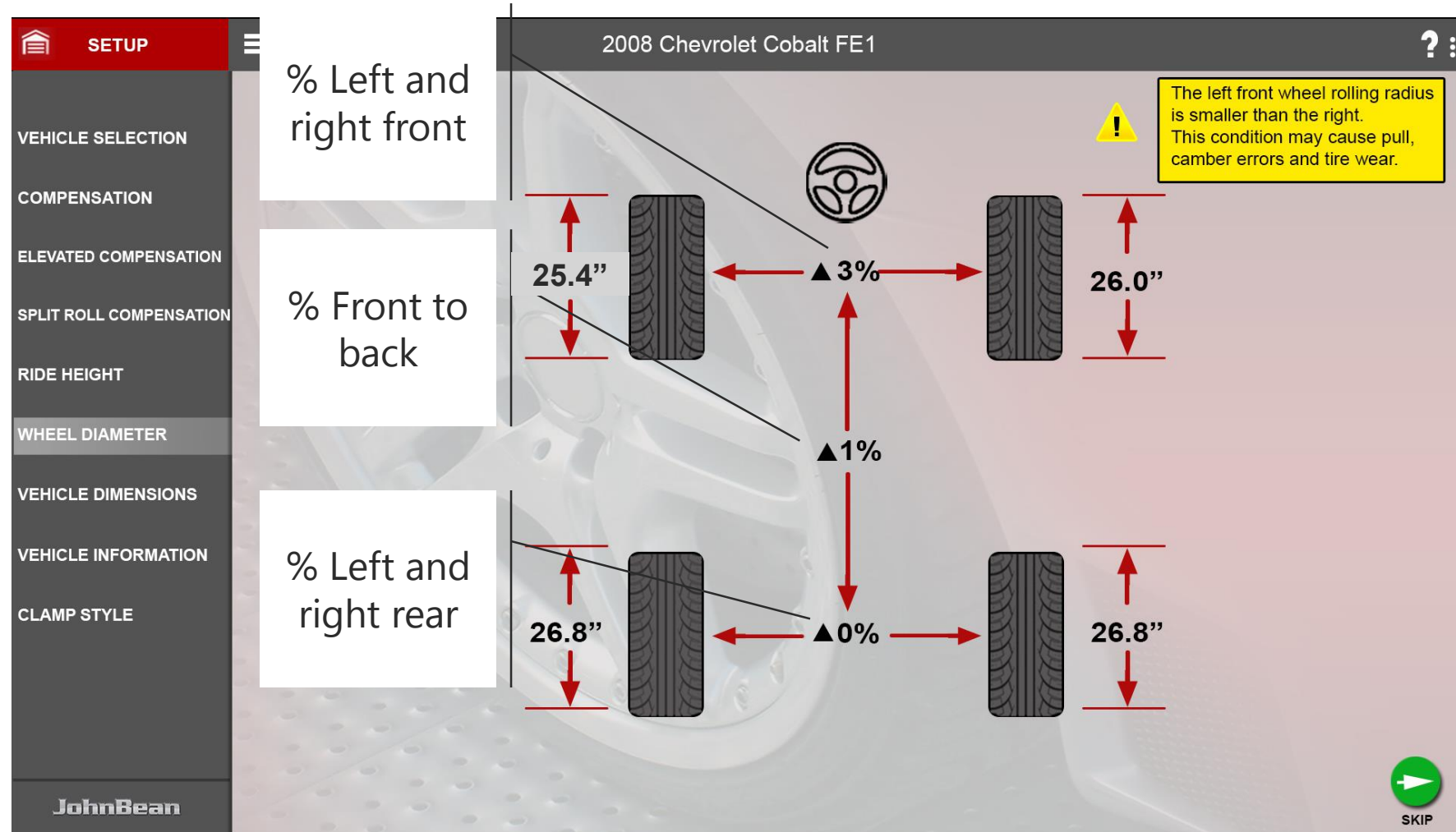
ROLLING RADIUS

ABS ESC light "ON"

Check for rolling radius in less than a minute

- No chalk
- No floor markings
- No rolling the vehicle

That's 15 to 30 times faster than the standard procedure



VEHICLE CONDITION REPORTS

SELECTION OF VARIOUS
PRINTOUT OPTIONS TO SUITE
YOUR TASTE

- Customer friendly printout
- Technician in depth alignment data printout
- Customer friendly alignment audit printout



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SMART

WARN | COMPENSATE | ALERT

Like having a buddy
watching your back



WORKSPACE MONITORING

A unique feature of the V3300 is the ability to detect circumstances that would lead to a bad alignment

There are three levels of error detection

COMPENSATE

WARN

ALERT

COMPENSATE

LEVEL 1

The machine has detected a potential error and will compensate or make the necessary corrections

You will have a great alignment

COMPENSATE

WARN

ALERT

WARN

LEVEL 2

The machine has detected a potential error and will compensate or make the necessary corrections and is advising you of the condition

You will still have a great alignment

COMPENSATE

WARN

ALERT

ALERT

LEVEL 3

The machine has detected an issue and is informing you that this may not be a good alignment

Please proceed and fix the issue

COMPENSATE

WARN

ALERT

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PROFITABLE

Example of a successful
Investment summary



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INVESTMENT SUMMARY

SUMMARY								
1	Base on	123	Cars per week					
2	On a	4	Additional wheel alignments per day					
3	and paying the technician	\$ 25.00	per hour or per alignment					5 years later
4	Initial investment	\$ 43,000.00		40,000	placed in a CD for 5 years		1.85%	\$3,700.00
5	Year 1 return	\$ 59,012.51						
6	Year 2 return	\$ 63,893.66	with a 5% increase in wheel service charge					
7	Year 3 return	\$ 69,018.87	with a 5% increase in wheel service charge					
8	Year 4 return	\$ 74,400.34	with a 5% increase in wheel service charge					
9	Year 5 return	\$ 80,050.88	with a 5% increase in wheel service charge					
10								
11	Equipment capitlization over 5 years	\$ 57,389.52						
12	Net revnue of alignment service	\$ 403,765.78						
13	Net profit over 5 years	\$ 346,376.26	From wheel alignment only no parts no labor					

FIVE YEAR “PEACE OF MIND” WARRANTY AVAILABLE ON WHEEL ALIGNMENT EQUIPMENT

OPERATE YOUR WHEEL ALIGNER WITH CONFIDENCE

- Extended Factory Warranty
- Current Specification Updates
- Annual Optimizations and Precision Adjustments

<input type="checkbox"/>	PLATINUM PACKAGE
	<p>Five Years of Specifications</p> <p>Five Years of Software Upgrades and Enhancements (Three Updates per Year Installed by a Factory Trained Professional)</p> <p>Five Years of On-Site Service (Includes Parts & Labor)</p> <p>Five Annual Optimizations and Precision Adjustments</p>
<input type="checkbox"/>	GOLD PACKAGE
	<p>Five Years of Specifications</p> <p>Five Years of Software Upgrades and Enhancements</p> <p>Three Years of On-Site Service (Includes Parts & Labor)</p>
<input type="checkbox"/>	SILVER PACKAGE
	<p>Five Years of Specifications</p> <p>Five Years of Software Upgrades and Enhancements</p>
<input type="checkbox"/>	PRICE: \$0 DECLINED
	Standard Warranty Applies

_____	_____	_____
<i>Customer Signature</i>	<i>Customer (Print)</i>	<i>Date</i>
_____	_____	_____
<i>Representative Signature</i>	<i>Representative (Print)</i>	<i>Date</i>

Sale is subject to the original sales agreement. Important Credit Notice: Please be aware that the monthly payment is an estimate only and may not apply to you. Your actual payment may be different than the estimated financial payment shown. All credit sale and lease contracts are subject to approved credit and the terms of the standard Snap-on Credit sale or lease contract form. Not all applicants will qualify. Taxes, installation and costs of financing, such as charges for filing FCC statements, are extra. Finance charges begin accruing at contract inception. Terms and finance charges may vary and such terms are subject to change without notice. In the event you fail to make payments when due, the terms of the sale or lease contract will apply and late charges may be due. Please contact Snap-on Credit regarding finance terms and conditions.

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ETHOS EDGE | ADAS Coverage

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WHEEL ALIGNMENT ADJUSTMENT GUIDE FOR ADVANCED AUTOMOTIVE SYSTEMS

QUICK GUIDE FOR WHEEL ALIGNMENT SYSTEMS AND DIAGNOSTIC TOOLS

COVERAGE INCLUDES THE FOLLOWING
ADAS • ASC • SAS • TPMS

- ADVANCED DRIVER ASSISTANCE SYSTEMS
- ACTIVE SAFETY CONTROLS
- STEERING ANGLE SENSOR RESET
- TIRE PRESSURE MONITORING SYSTEM

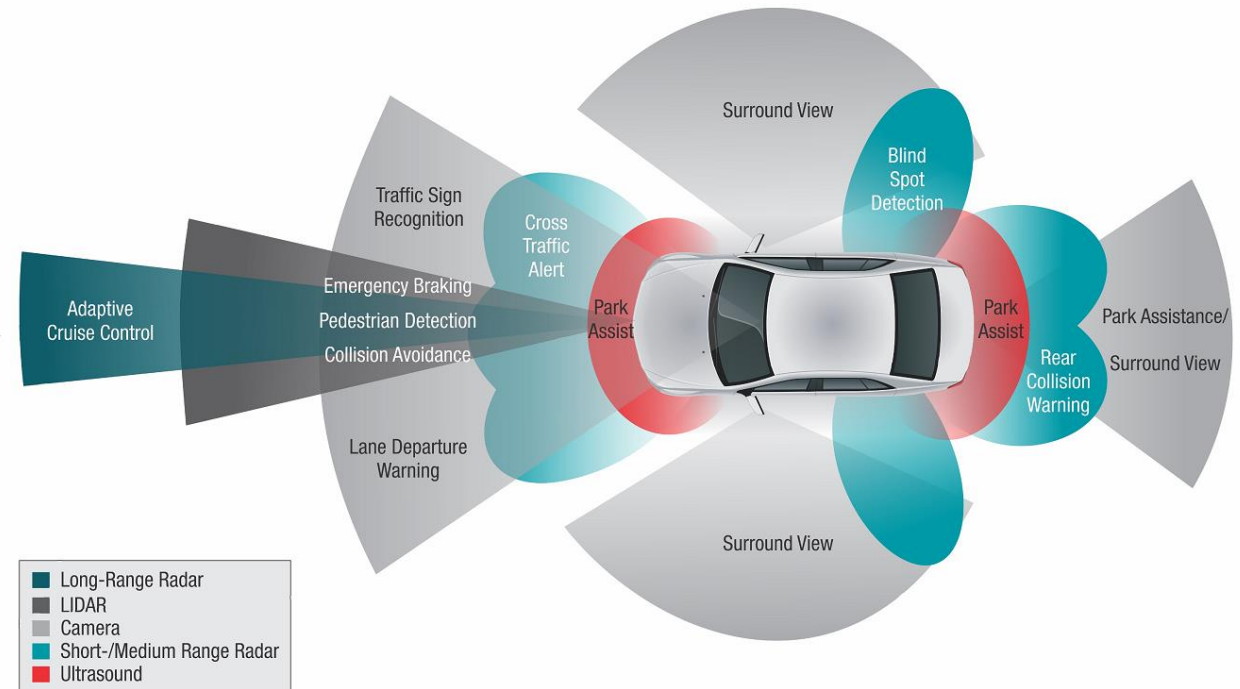


Snap-on

TOTAL SHOP SOLUTIONS

ADAS COVERAGE

For passenger cars and light duty trucks, OEM standard production vehicles



WE HAVE THE TOOL



Adapt
Cruise C

Cross
Traffic
Alert

Park
Assist

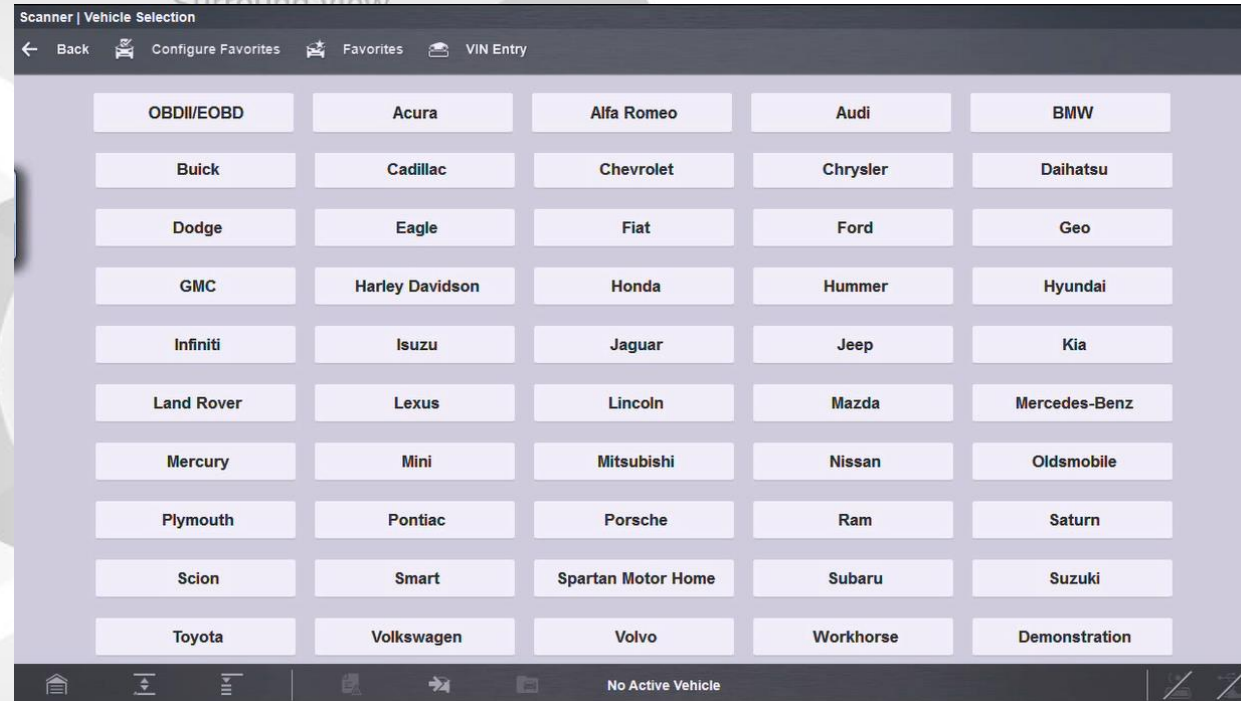
Lane Departure
Warning

Ethos Edge providing coverage for nearly 50 domestic, Asian and European vehicle makes dating back to 1983, as well as OEM-specific coverage for more than 100 vehicle systems. Additionally, Ethos Edge includes live data graphing, functional tests, ADAS **relearns and/or adaptations**.

- Camera
- Short-/Medium Range Radar
- Ultrasound

AND THE COVERAGE

[Interactive Application Guide](#)



Surround View

The Ethos Edge features an auto vehicle ID to read the VIN and One-Touch Code Scan and Clear, which reads all available vehicle systems keeps technicians moving when they aren't sure which system is the root cause, Snap-On said.

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<http://www.johnbean.com/en>

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WORKSPACE MONITORING

PUT ONE TO WORK IN YOUR SHOP TODAY

[Find a sales rep](#)

Perfect alignment every time

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JohnBean™

Automotive Service Equipment



Whatever your measuring needs
happen to be, Blackhawk
has the solution!