

BREAK THE SPACE BARRIER

IN A FAST, EASY TO USE,
PRACTICAL, AND AFFORDABLE
PACKAGE





WHO WE ARE

Snap-on Incorporated

Who We Are

OUR MISSION

The most valued productivity solutions in the world

BELIEFS

We deeply believe in:

- Non-negotiable Product and Workplace Safety
- Uncompromising Quality
- Passionate Customer Care
- Fearless Innovation
- Rapid Continuous Improvement

VALUES

Our behaviors define our success:

- We demonstrate Integrity.
- We tell the Truth.
- We respect the Individual.
- We promote Teamwork.
- We Listen.

VISION

To be acknowledged as the:

- Brands of Choice
- Employer of Choice
- Franchisor of Choice
- Business Partner of Choice
- Investment of Choice



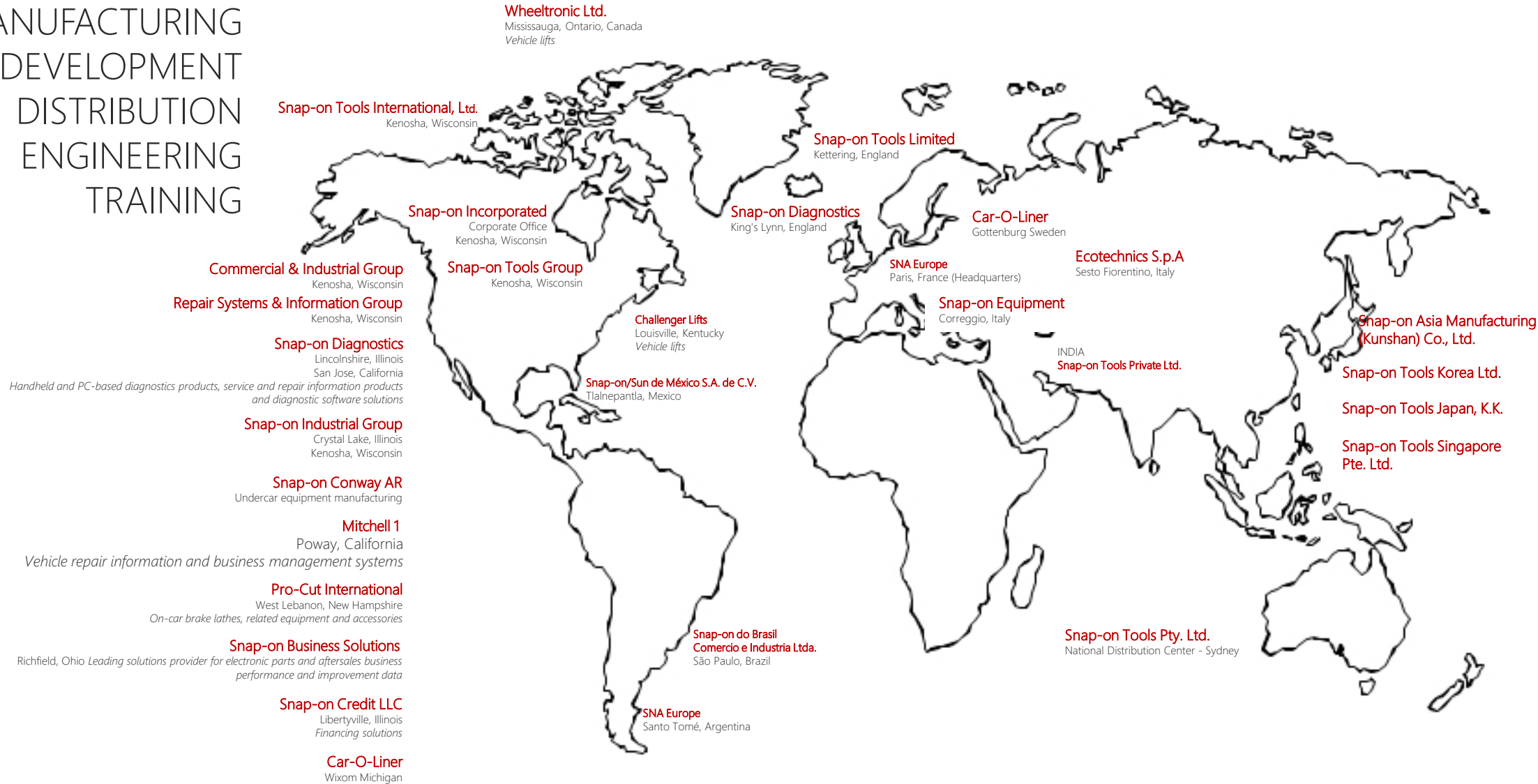
WHAT WE MAKE

SNAP-ON IS IDEAS
It started with a spark and the spark became an idea; and the innovation ignited our Company...and that tradition has continued through the decades...idea after idea...formed by observing the practical...and enabling the invention of the possible.

Products and services include:

- HAND AND POWER TOOLS
- TOOL STORAGE
- DIAGNOSTICS SOFTWARE
- INFORMATION AND MANAGEMENT SYSTEMS
- SHOP EQUIPMENT

PRODUCT MANUFACTURING
 PRODUCT DEVELOPMENT
 DISTRIBUTION
 ENGINEERING
 TRAINING



OUR PARTNERS WORLDWIDE



OEM partners worldwide.
North and Latin America may include Asian and European partners as well



THINK BIG

JohnBean
A division of Snap-on, Inc.

SNAP-ON IS THE LARGEST AUTOMOTIVE EQUIPMENT MANUFACTURER IN THE WORLD

**WE HELP MORE PEOPLE DAILY, WITH CRITICAL TASK SOLUTIONS WORLDWIDE,
THAN ANY OTHER AUTOMOTIVE SERVICE EQUIPMENT COMPANY**

WHO IS JOHN BEAN ?

John Bean is a division of Snap-on Incorporated, a leading global innovator, manufacturer and marketer of:

- IMAGING WHEEL ALIGNMENT EQUIPMENT
- WHEEL BALANCERS
- TIRE CHANGERS
- ALIGNMENT RACKS

for professional users performing critical tasks

WHERE SECOND BEST IS NOT AN OPTION

TIMELINE

In 1904 he founded the John Bean Spray Pump Company. When the company merged with a nearby food machinery company, it became the Food Machinery & Chemical Company (FMC).

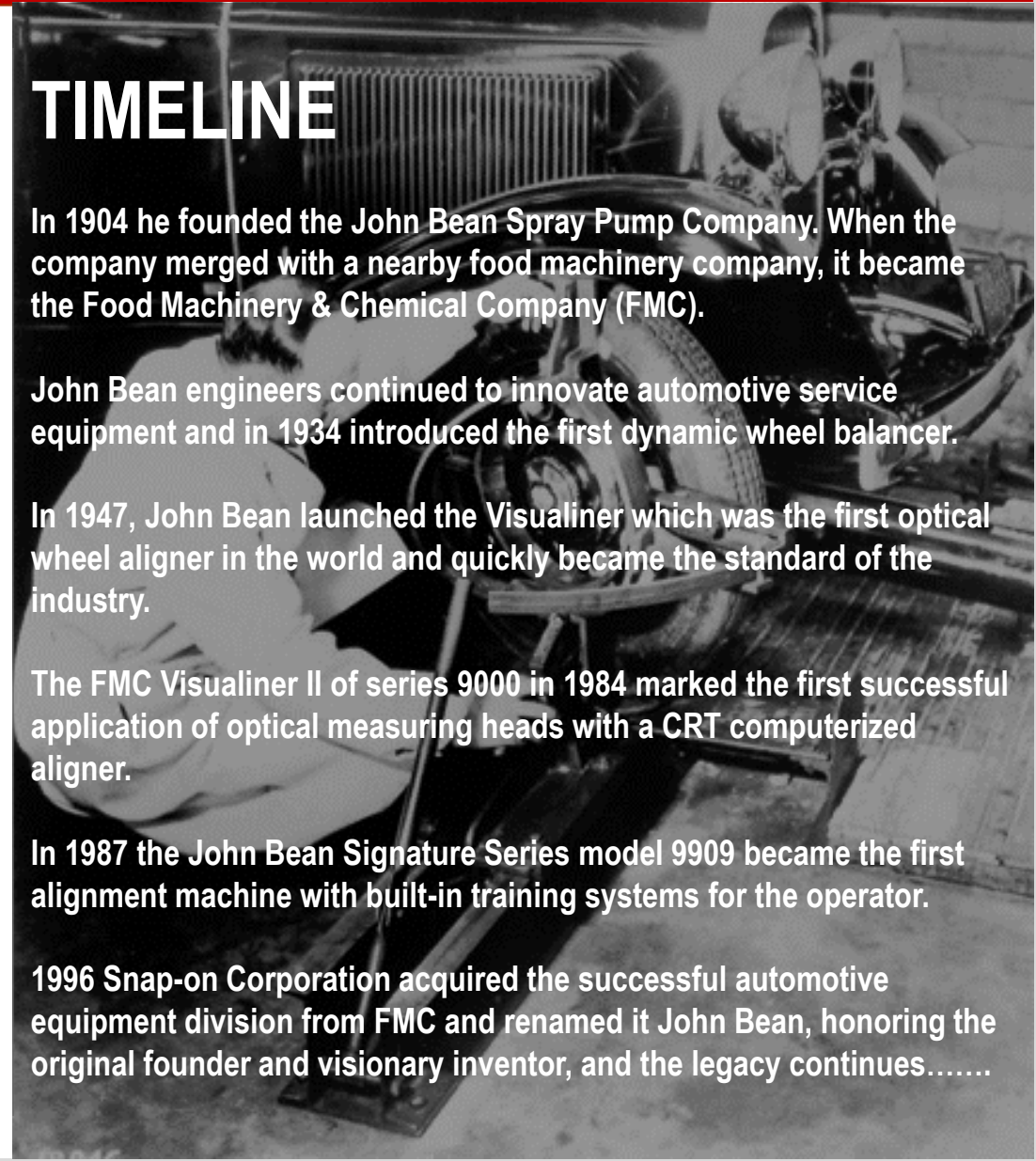
John Bean engineers continued to innovate automotive service equipment and in 1934 introduced the first dynamic wheel balancer.

In 1947, John Bean launched the Visualiner which was the first optical wheel aligner in the world and quickly became the standard of the industry.

The FMC Visualiner II of series 9000 in 1984 marked the first successful application of optical measuring heads with a CRT computerized aligner.

In 1987 the John Bean Signature Series model 9909 became the first alignment machine with built-in training systems for the operator.

1996 Snap-on Corporation acquired the successful automotive equipment division from FMC and renamed it John Bean, honoring the original founder and visionary inventor, and the legacy continues.....



JohnBean™

THE BEST CUSTOMER EXPERIENCE THE INDUSTRY CAN OFFER

- First wheel aligner
- First dynamic wheel balancer
- First computerized wheel aligner
- First cordless measuring heads
- First built-in operator video training
- First use of color monitors
- First use of CD-ROM

- First use of animated color graphics
- First pre-wired alignment lifts
- First preventative maintenance programming
- First use of 3D imaging technology for wheel aligners
- First to use true 32 bit Windows alignment software
- First wheel aligner with PRISM technology
- First wheel aligner with live alignment error checking

SNAP-ON EQUIPMENT

A NEW STANDARD IN AUTOMOTIVE EQUIPMENT SERVICE

Snap-on Equipment has over 300 factory-trained service technicians nationwide with an average of 17 years of experience, representing the industry's largest repair & maintenance organization.

When you need installation, training or service, we'll have the right tools, genuine OEM replacement parts and the knowledge to satisfy your needs.

Your business is servicing automobiles. Keeping your equipment running smoothly and profitably is ours.



Highly skilled technicians equipped with the right tools and latest technology will ensure that repairs are done right, every time.

Snap-on

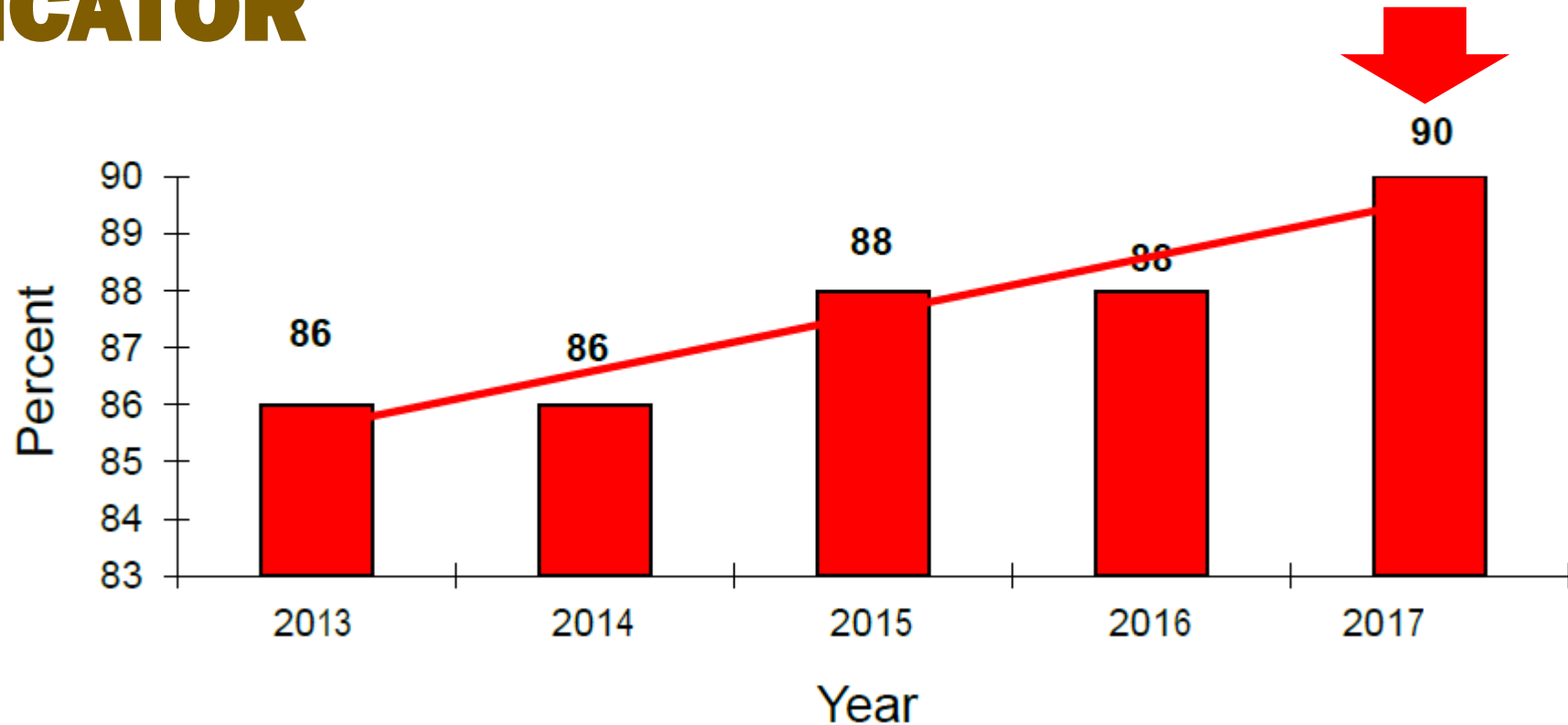
Equipment Service On-Site

SNAP-ON EQUIPMENT KEY PERFORMANCE INDICATOR

The most efficient service repair technicians in the industry

**90% OF ALL SERVICE CALLS ARE
COMPLETED WITHIN 48 HOURS**

Our service technicians carry an array of repair parts on their trucks



SNAP-ON CREDIT

SNAP-ON CREDIT HAS SEVERAL EQUIPMENT PURCHASE PROGRAMS AVAILABLE, DESIGNED SPECIFICALLY FOR OUR INDUSTRY, AND TO MEET EVERY BUDGET.



WE UNDERSTAND THE AUTOMOTIVE BUSINESS

Snap-on Credit is a world-class provider of innovative tools and equipment acquisition solutions to Snap-on and its customers on a global basis. What makes us so successful is our commitment to quality service.

Our dedication to your satisfaction begins with our support staff. In fact, no one else in the industry can give you the level of confidence you'll feel when working with Snap-on Credit.

TRAINING WHEN YOU NEED IT

- AT YOUR OWN PACE
- CERTIFIED COURSE

- OPTIMIZE YOUR KNOWLEDGE
- MINIMIZE YOUR TRAINING EXPENSE
- INCREASE YOUR SHOP'S PRODUCTIVITY

The Snap-on Training group develops and delivers training for individuals as well as for groups.

- Wheel alignment geometry Level 1 and Level 2
- OEM specific wheel alignment training
- Equipment specific training
- Group assessment



Patents

Method and apparatus for determining the alignment of motor vehicle wheels

US 5535522 A

ABSTRACT

An apparatus for determining the alignment of a motor vehicle's wheels and including targets (22L, 22R, 24L, 24R) which either form part of the wheels or are attached thereto, an optical sensing means such as a television camera (30) for viewing the targets, an electronic processing means (32) connected to the optical sensing means for processing the target images to determine wheel alignment, and a display means (34, 36) for displaying the alignment information. The optical sensing means (30) views a target located on each wheel and forms an image of each target. Electronic signals corresponding to each of the images are transferred to the electronic processing means (32) which correlates the perspective image of each of the targets with the true shape of each target. In so doing, the processor (32) relates the dimensions of certain known geometric elements (62, 63) of the target with the dimensions of corresponding elements in the perspective image and calculates the alignment of the wheels of the vehicle.

[Find prior art](#)

[Discuss this patent](#)

Publication number	US5535522 A
Publication type	Grant
Application number	US 08/122,550
PCT number	PCT/US1993/008333
Publication date	Jul 16, 1996
Filing date	Sep 3, 1993
Priority date	Sep 4, 1992
Fee status	Paid
Also published as	CA2143844A1 , 7 More »
Inventors	Bernie F. Jackson
Original Assignee	Jackson; Bernie F.
Export Citation	BiBTeX , EndNote , RefMan
Patent Citations (3), Referenced by (146), Classifications (11), Legal Events (6)	

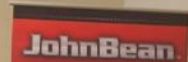
External Links: [USPTO](#), [USPTO Assignment](#), [Espacenet](#)



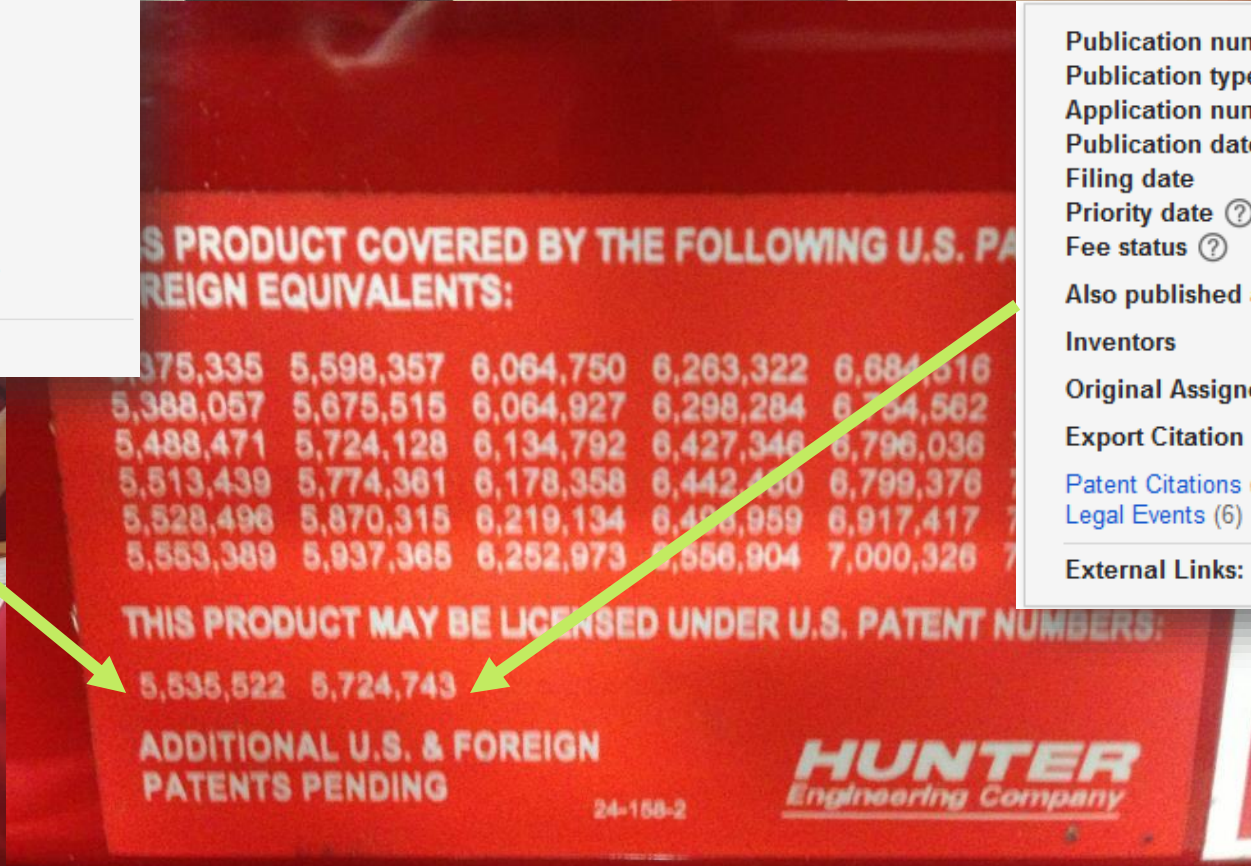


OUR COMPETITORS USE OUR TECHNOLOGY

Publication number US5535522 A
Publication type Grant
Application number US 08/122,550
PCT number PCT/US1993/008333
Publication date Jul 16, 1996
Filing date Sep 3, 1993
Priority date [?](#) Sep 4, 1992
Fee status [?](#) Paid
Also published as [CA2143844A1, 7 More »](#)
Inventors [Bernie F. Jackson](#)
Original Assignee [Jackson; Bernie F.](#)
Export Citation [BiBTeX](#), [EndNote](#), [RefMan](#)
[Patent Citations \(3\)](#), [Referenced by \(146\)](#), [Classifications \(11\)](#), [Legal Events \(6\)](#)
External Links: [USPTO](#), [USPTO Assignment](#), [Espacenet](#)



Publication number US5724743 A
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Publication date Mar 10, 1998
Filing date Oct 10, 1995
Priority date [?](#) Sep 4, 1992
Fee status [?](#) Paid
Also published as [CA2232534A1, 10 More »](#)
Inventors [Bernie Fergus Jackson](#)
Original Assignee [Snap-On Technologies, Inc.](#)
Export Citation [BiBTeX](#), [EndNote](#), [RefMan](#)
[Patent Citations \(17\)](#), [Referenced by \(152\)](#), [Classifications \(10\)](#), [Legal Events \(6\)](#)
External Links: [USPTO](#), [USPTO Assignment](#), [Espacenet](#)



Picture taken from the back of a Hunter Wheel Aligner

BREAK THE SPACE BARRIER

MOBILE, FLEXIBLE

SHORT BAYS | NOT A PROBLEM

BODY SHOPS | ON THE FRAME RACK

GAS STATIONS | YES IT FITS IN THE BAY



**BUILT FROM THE
GROUND UP WITH**

**MOBILITY and
FLOOR SPACE
in mind**



ERGONOMICALLY DESIGNED CABINET

- ✓ Clamp holders
- ✓ Battery chargers
 - ✓ Pod holders
- ✓ Reference Pod Storage
- ✓ Small, compact, easy to move, and easy to store



SCISSORS, FOUR POST ALIGNMENT PLATFORMS AND PITS

Solid state design and construction, the V1200 Wheel Alignment System is built for reliability and durability providing many years of service

Self contained on the vehicle



NO WAIT \ NO STOP COMPENSATION

FULL IMAGING ROLLING COMPENSATION

- No waiting for data acquisition | fast and easy
 - No need to hold the vehicle in position
- High end feature in an affordable package

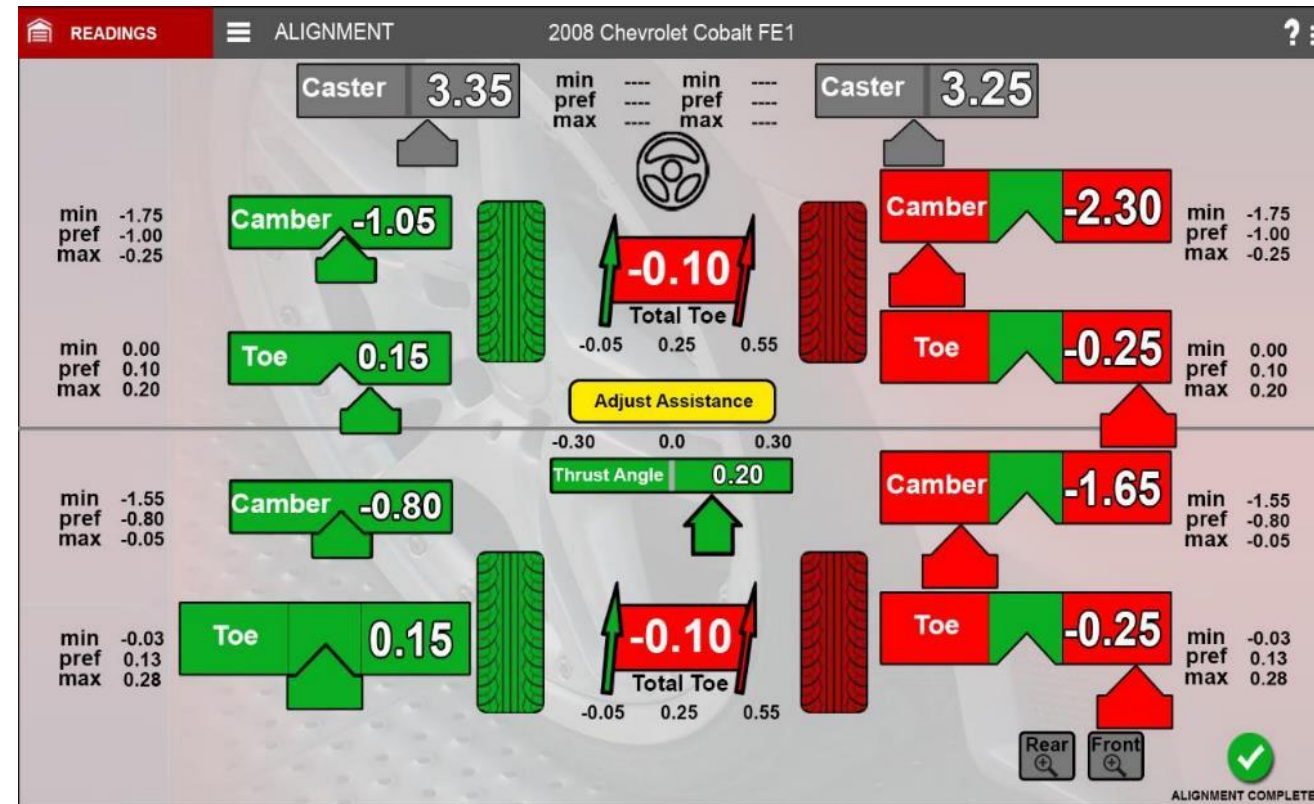


DOCK AND LOCK METERS

Motion sensitive meters | Precisely follow the adjustment

Dock and Lock Meters | Adjustment glider block “sticks” when at the preferred setting

Get the alignment adjustment done faster with the Dock and Lock feature, unique to John Bean equipment



BATTERY POWERED

18 VOLT MONSTER BATTERIES WITH
INDIVIDUAL CHARGERS

EXTENDED USAGE | LAST ALL DAY

HOT SWAPPABLE | WILL NOT LOSE THE
ALIGNMENT DATA

BUILT IN CAPACITY METERS AND CHARGE
CYCLE COUNTER



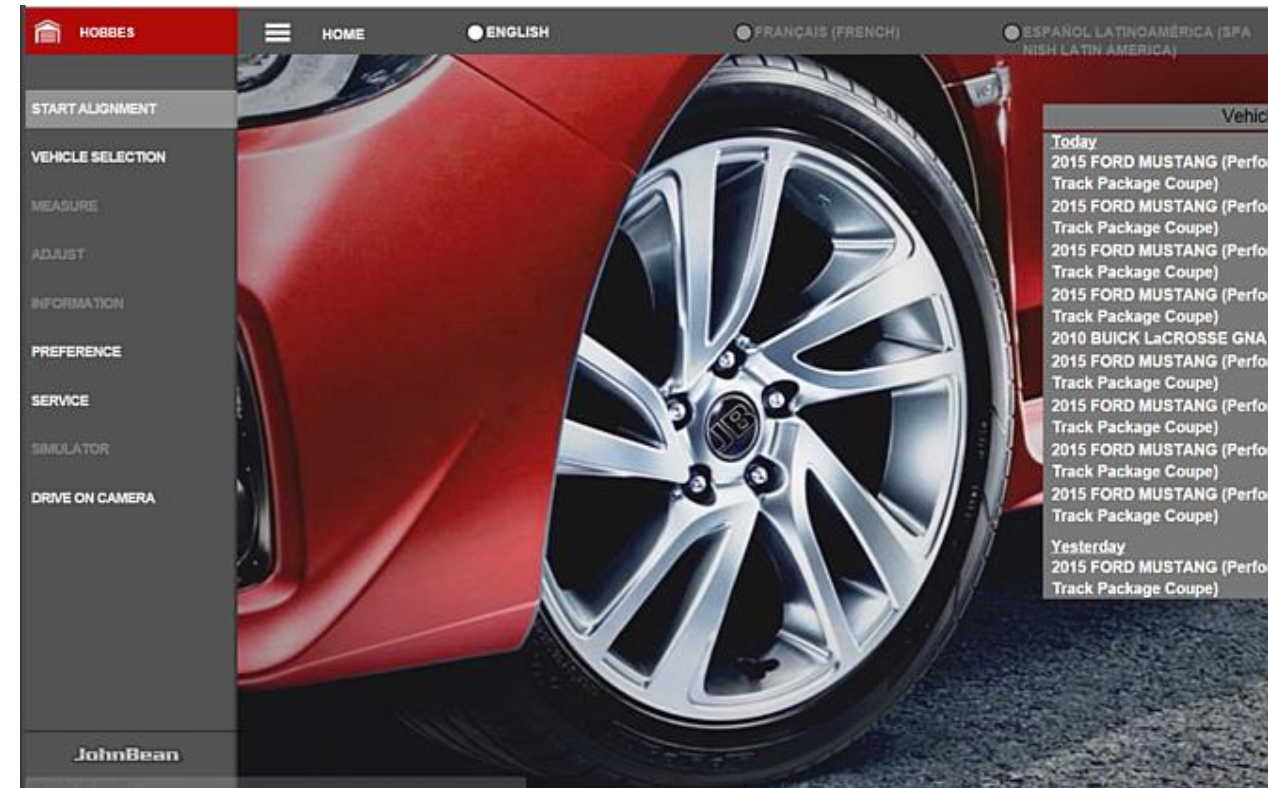
MULTIPLE LANGUAGES

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

LANGUAGES

One on screen language
One print language



PREDICTIVE VEHICLE SELECTION

3 METHODS OF SELECTING THE CAR

VIN reader (linear and QR codes)

Manual (Make, Model, Model Year)

From the vehicle history file

Faster vehicle selection



SELECT VEHICLE | **VEHICLE HISTORY**

VIN : 1FA6P8CFXF5399103

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)
- 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)

VIN	1FA6P8CFXF5399103
License	
Odometer	
Name	
Address1	
Address2	
phone	
Email	

Use Photo?

JohnBean

PRINT | BACK | USE VEHICLE

PRE-ALIGNMENT INFORMATION

ALIGNMENT SPECIFICATIONS

Non aggregated | make | model | model year specific

TSB' RECALLS INFO

Get the latest OEM info and sell additional required services

SPECIAL PRE-ALIGNMENT REQUIREMENTS

Loading and fuel tank fill information

The screenshot displays the JohnBean V1200 software interface for a Ford 2015-2015 Mustang (Performance Package). The interface is divided into several sections:

- Vehicle Information:** Shows the vehicle make, model, and year.
- Vehicle Selection:** Displays a steering wheel icon and a tire icon.
- Alignment Specifications:** A table showing specifications for Front and Rear wheels, including Caster, Camber, SAI, Individual Toe, Total Toe, and Thrust Angle.
- Technical Service Bulletins (TSB):** A list of recalls and technical service bulletins for the vehicle.
- Loading Information:** A fuel tank icon and a loading bar showing the current fuel level.

Yellow arrows point to specific features: "SPECIFICATIONS" points to the alignment table, "LOADING" points to the loading bar, and "VEHICLE INFO" points to the TSB list.

	min	pref	max	cross	min	pref	max
Caster	6.16°	6.91°	7.66°	0.00°	6.16°	6.91°	7.66°
Camber	-1.78°	-1.03°	-0.28°	0.00°	-1.78°	-1.03°	-0.28°
SAI	--	--	--	--	--	--	--
Individual Toe	-0.05"	0.00"	0.05"		-0.05"	0.00"	0.05"
Total Toe			min -0.10"	pref 0.00"	max 0.10"		

	min	pref	max	cross	min	pref	max
Camber	-2.25°	-1.50°	-0.75°	--	-2.25°	-1.50°	-0.75°
Individual Toe	0.00"	0.06"	0.10"		0.00"	0.06"	0.10"
Total Toe			min 0.01"	pref 0.11"	max 0.21"		
Thrust Angle				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)

V1200 IMAGING WHEEL ALIGNMENT


JohnBean
A division of Snap-on, Inc


CONNECTED AND INFORMED

INSTANT SOFTWARE UPDATES
OVER THE AIR SPECS

VEHICLE UNDERCAR REPAIR
INFORMATION

ALWAYS BE UP-TO-DATE

Internal WIFI 

External WIFI 



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.

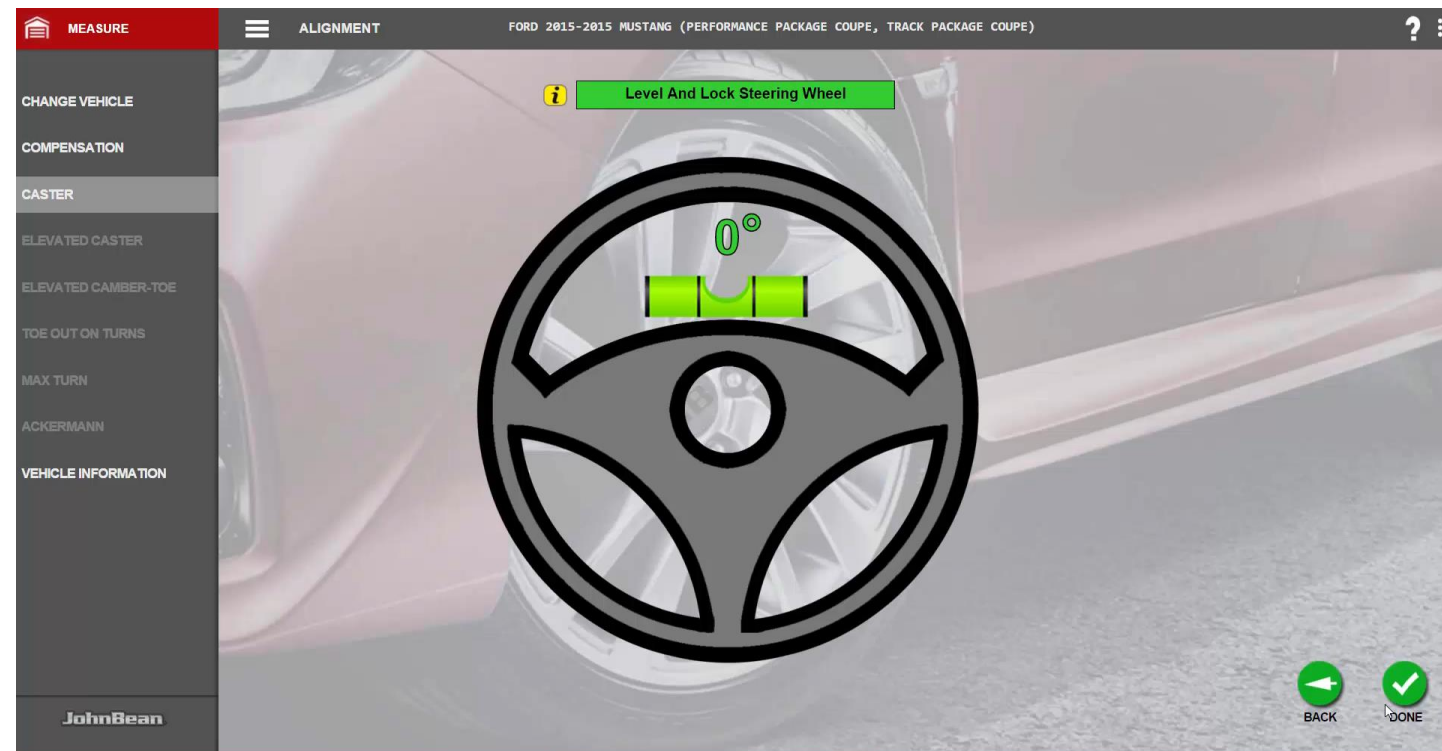
Important points to be remembered and to remind AWD minivan vehicle operators:

- 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.

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

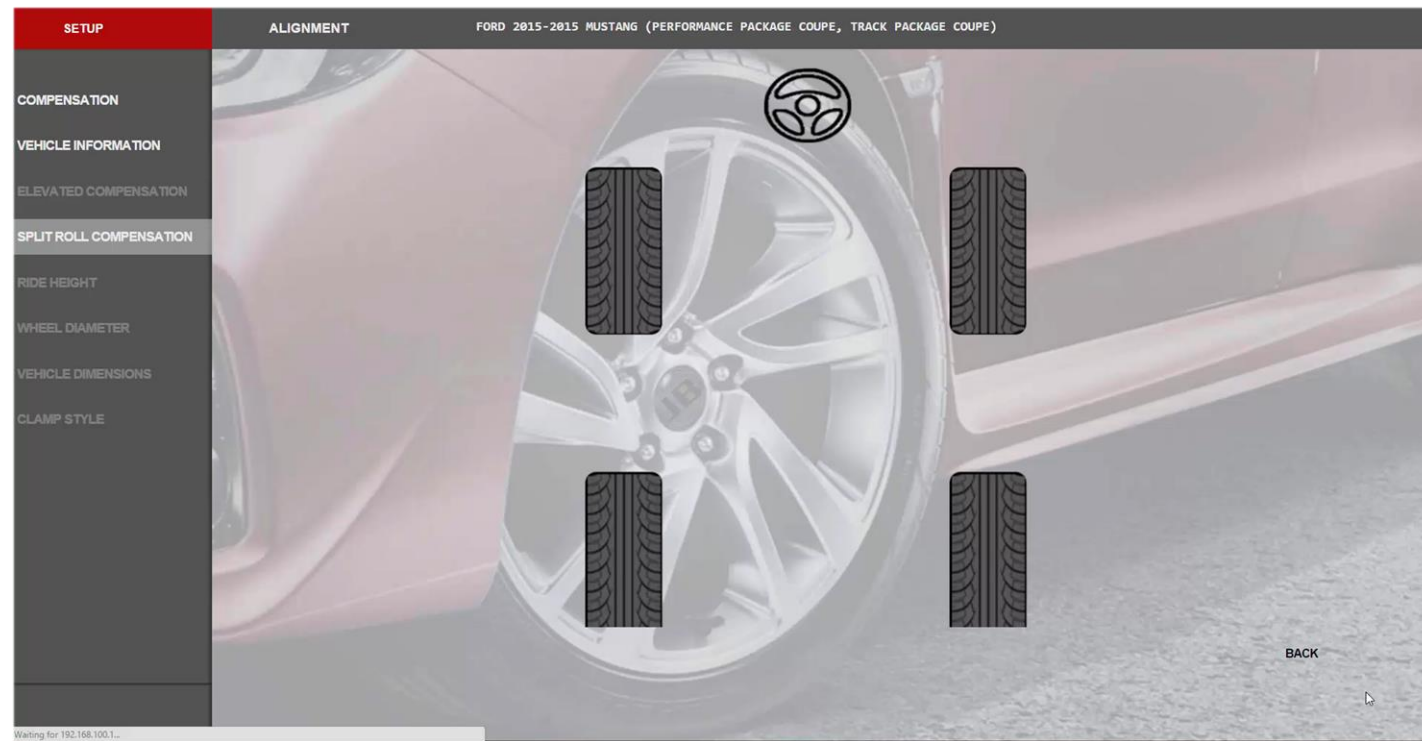


NO WAIT COMPENSATION

FAST AND NO WAIT VEHICLE
POSITIONING

Get to the numbers in less time
Start adjusting faster
Get more alignments out the door

Watch it here in real time



NO WAIT CASTER \ SAI MEASUREMENT

Watch it here in real time

No wait and no stop caster | SAI
measurements

Continuous uninterrupted
measurement

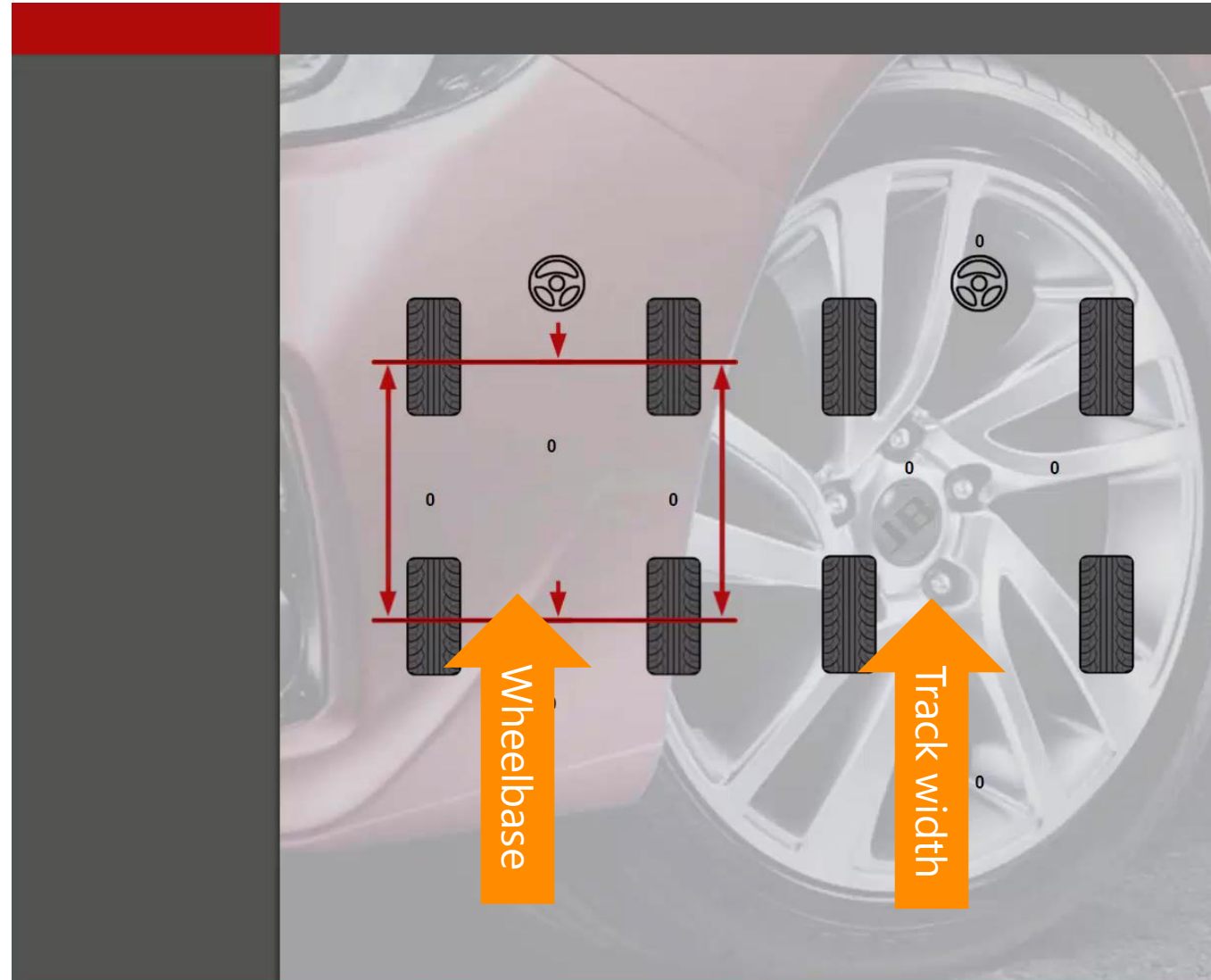
More speed where it counts



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



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

WHEEL ALIGNMENT REPORTS

Selection of various printout options
to suite your taste

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

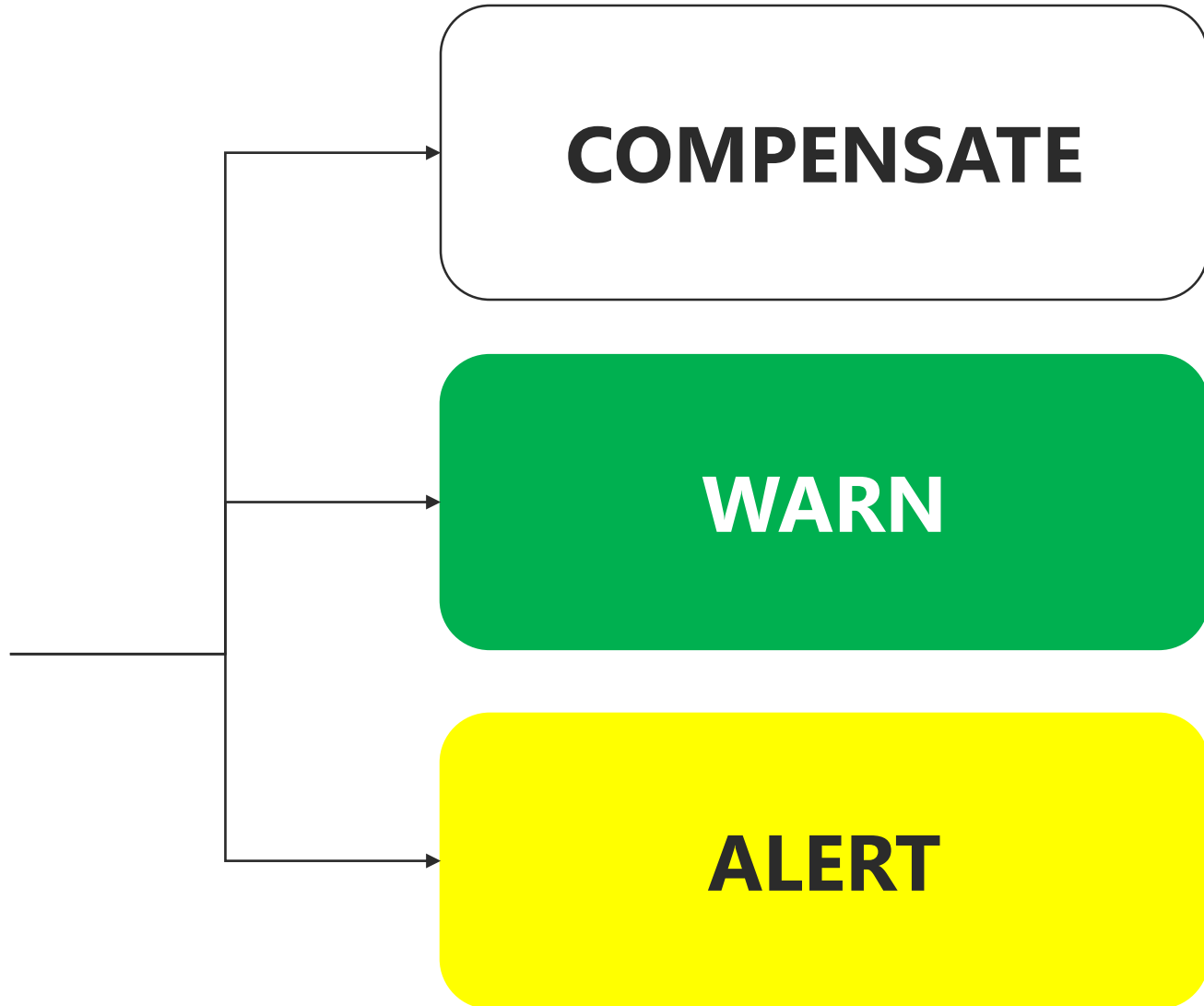
Watch it here in real time



WORKSPACE MONITORING

A unique feature of the V1200 is it's ability to detect circumstances that would lead to a bad alignment

There are three levels of error detection



ERROR DETECTION

The machine can recognize certain conditions that can lead to a bad wheel alignment and inform the user of the situation.

LEVEL 1

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

You will have a great alignment

COMPENSATE

Correct do not inform the user

WARN

ALERT

ERROR DETECTION

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 have a great alignment

COMPENSATE

WARN

Correct and inform user

ALERT

ERROR DETECTION

LEVEL 3

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

COMPENSATE

WARN

ALERT

Inform and notify the user to correct the condition

BREAK THE SPACE BARRIER

IN A FAST, EASY TO USE,
PRACTICAL, AND AFFORDABLE
PACKAGE





FIVE YEAR “PEACE OF MIND” WARRANTY

AVAILABLE ON JOHN BEAN 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
	Five Years of Specifications Five Years of Software Upgrades and Enhancements (Three Updates per Year Installed by a Factory Trained Professional) Five Years of On-Site Service (Includes Parts & Labor) Five Annual Optimizations and Precision Adjustments
<input type="checkbox"/>	GOLD PACKAGE
	Five Years of Specifications Five Years of Software Upgrades and Enhancements Three Years of On-Site Service (Includes Parts & Labor)
<input type="checkbox"/>	SILVER PACKAGE
	Five Years of Specifications Five Years of Software Upgrades and Enhancements
<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 financing 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 SCC statements, are extra. Finance charges begin accruing at contract inception. Terms and finance charge rate 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 Snap-on lease contract will apply and late charges may be due. Please contact Snap-on Credit regarding finance terms and conditions.

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PUT ONE TO WORK IN YOUR SHOP TODAY

**Add a 14K lights and lock
alignment platform and get
the job done faster with
less effort**

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

[Find a sales rep](#)



V1200 IMAGING WHEEL ALIGNMENT

JohnBean
A division of Snap-on, Inc

JohnBean™

Automotive Service Equipment

