

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

JohnBean
A division of Snap-on, Inc.



Utilizing advanced imaging technology, the John Bean® V2280 provides accurate, real-time measurements - reducing setup and measurement times while generating serious productivity benefits. Matched with our latest software, the V2280 wheel aligner will have your technicians getting readings in a matter of minutes.

3D IMAGING WHEEL ALIGNMENT MACHINE

For passenger cars and light duty trucks

Small footprint, designed to do alignments fast and with the highest degree of precision.



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

Products and services include:

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

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.





THINK BIG

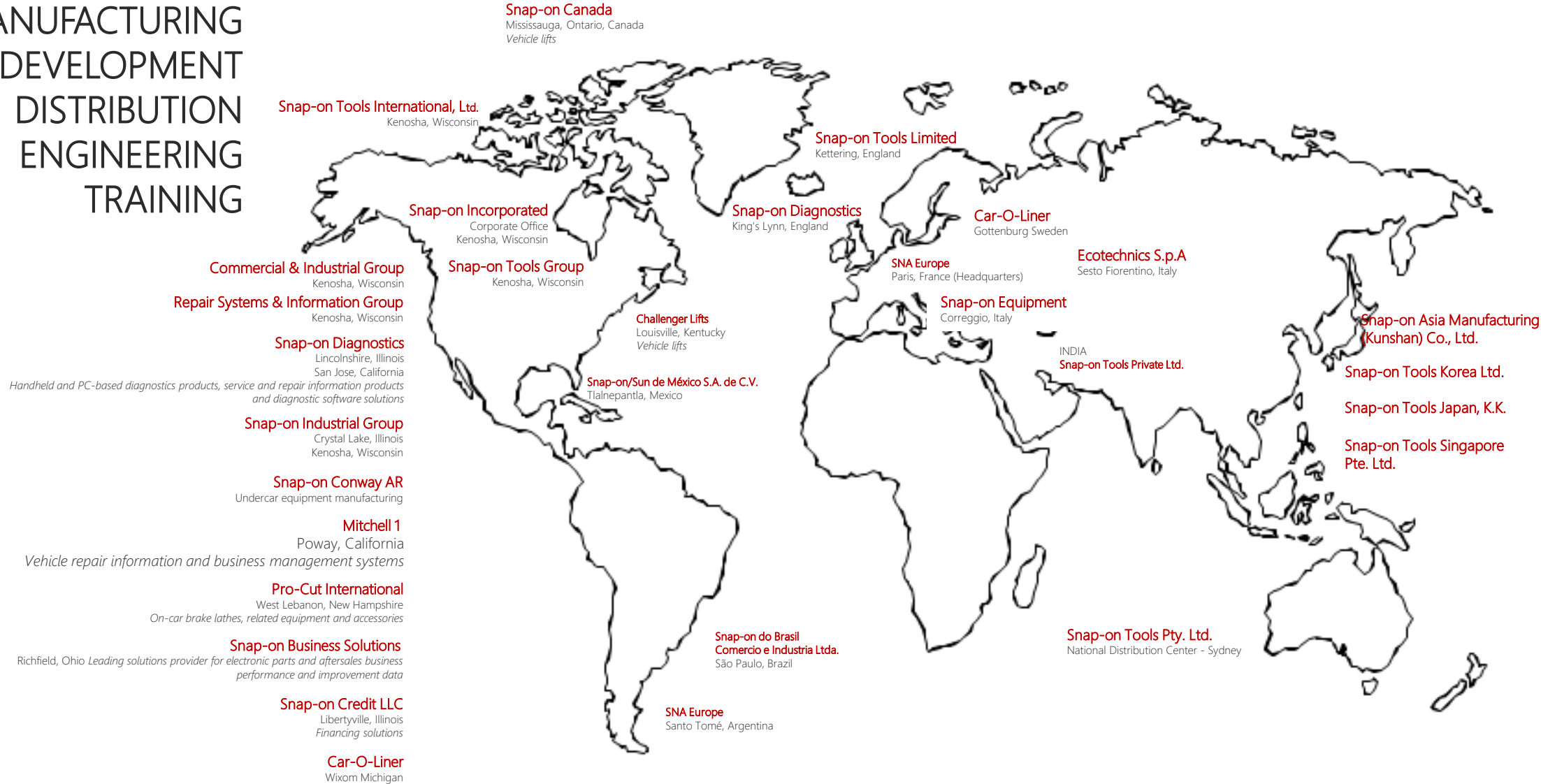
JohnBean
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A grayscale photograph of a workshop or service center. In the foreground, a long row of Snap-on rolling toolboxes is parked. In the background, a chalkboard displays the word 'CERTIFICATION' and 'CENTER' along with the handwritten phrase 'Quality means Doing it right'. The scene is brightly lit, suggesting a clean and professional environment.

**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

PRODUCT MANUFACTURING
 PRODUCT DEVELOPMENT
 DISTRIBUTION
 ENGINEERING
 TRAINING





Jeep



Europe
Asia
North America
Latin America



Europe



Brazil



IVECO



Europe
Asia
North America
Latin America



Mercedes-Benz



上汽通用五菱
SGMW



DYULONG



SUZUKI



Europe
Asia
North America
Latin America

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



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



FACTORY TRAINED SERVICE TECHNICIANS

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.



Equipment Service On-Site



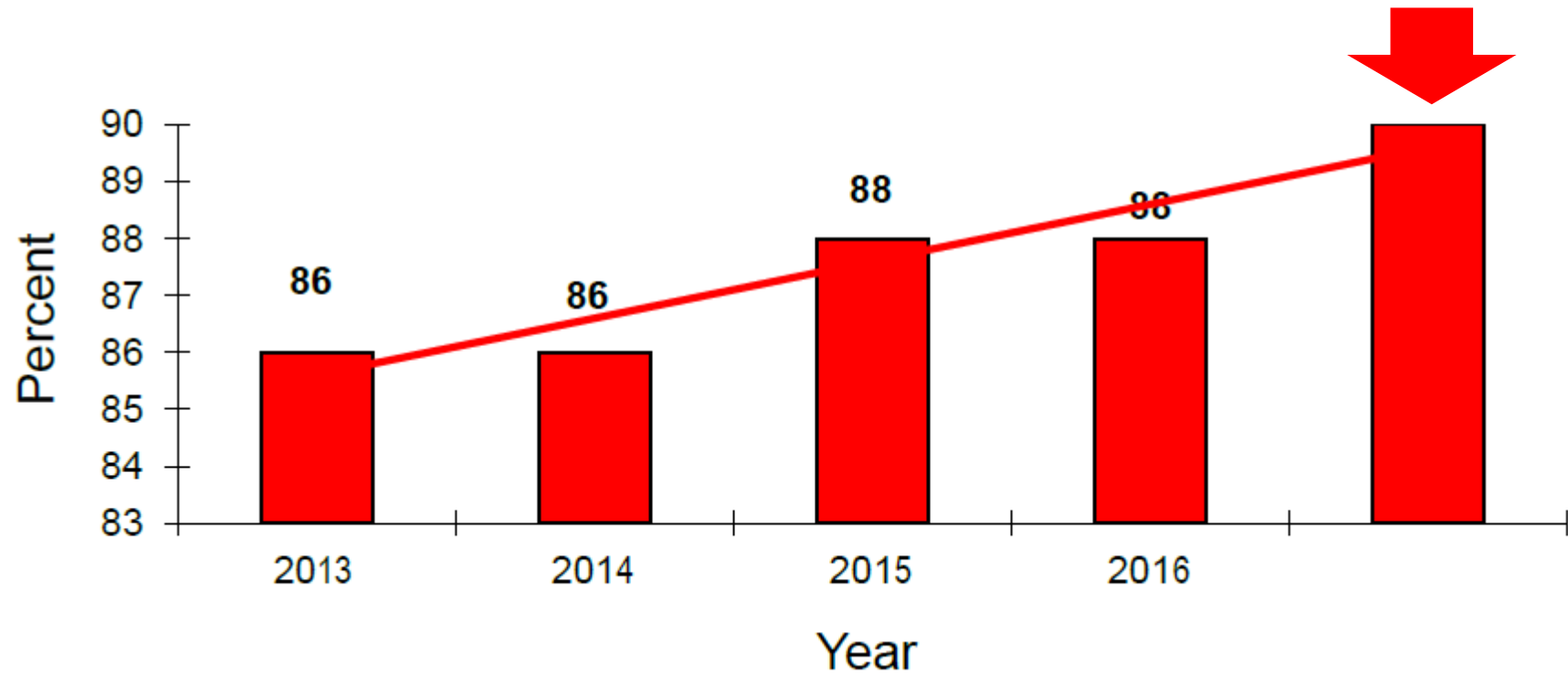
FAST AND DEPENDABLE SERVICE

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

CERTIFICATION CENTER

- 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

[Find prior art](#) [Discuss this patent](#)

Method and apparatus for determining the alignment of motor vehicle wheels

US 5535522 A

ABSTRACT

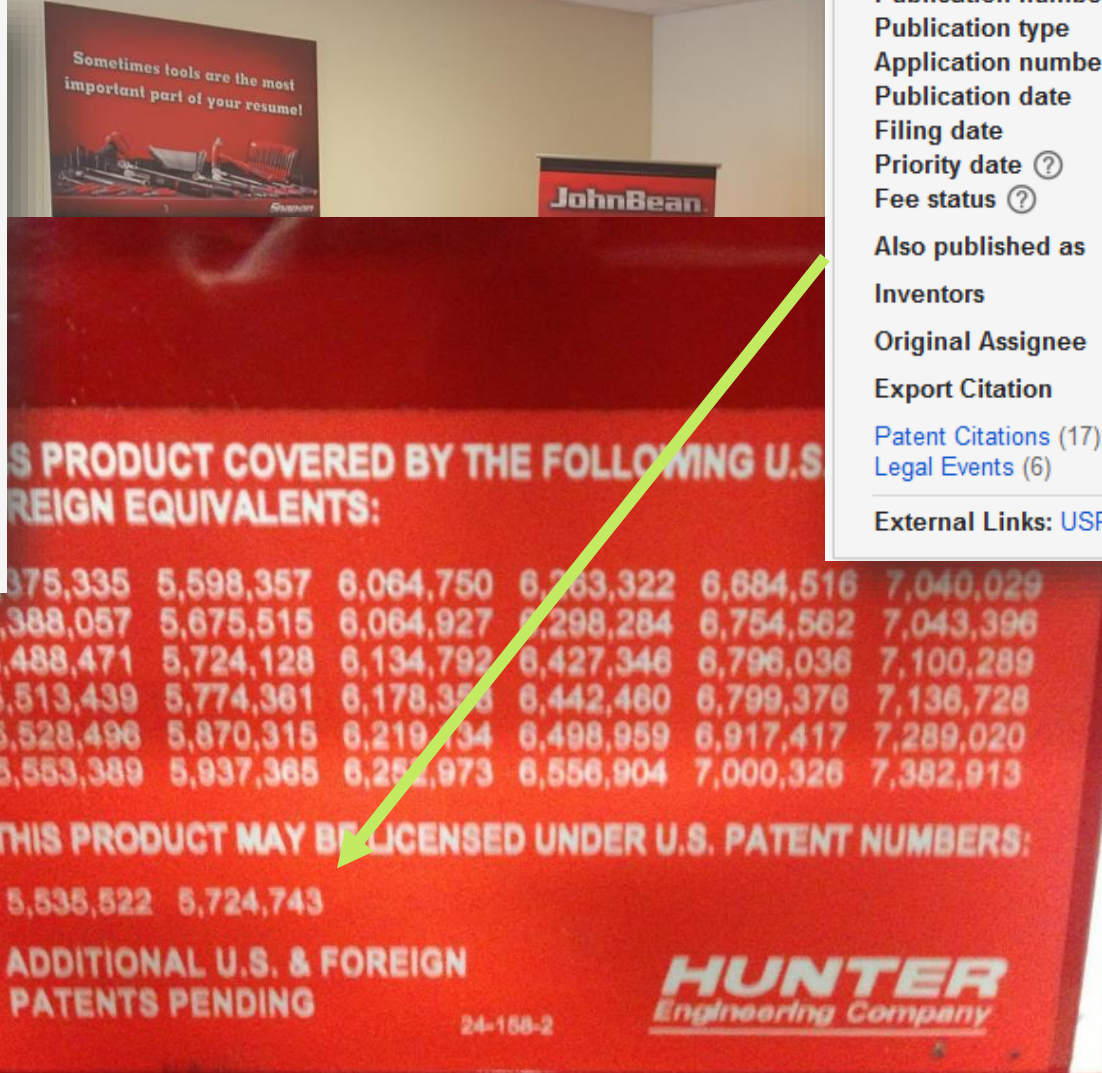
An apparatus for determining the alignment of a motor vehicle's wheels and including targets (22L, 22R, 24L, 24R) which either form part of the wheels or are attached thereto, an optical sensing means such as a television camera (30) for viewing the targets, an electronic processing means (32) connected 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.

| | |
|---|---|
| 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 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
Publication type Grant
Application number US 08/544,378
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

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

JohnBean
A division of Snap-on, Inc



DESIGNED FOR SHOPS THAT DO:

- **SUSPENSION**
- **STEERING**
- **TIRE WORK**

- Space smart footprint optimized | mounts close to the wall
- Integrated design | everything in one location
- Connected and informed | WiFi ready
- Compact and practical

V2280 IMAGING WHEEL ALIGNMENT SYSTEM

JohnBean
A division of Snap-on, Inc

OPTIONAL MOVEABLE BEAM

Raise the alignment lift to any comfortable working position

EXTRUDED ALUMINUM CAMERA BEAM

Rigid support for added consistency and precision, yet lightweight

Counterbalanced to minimize the load on the electric motor.

Provides smooth vertical motion

HD CAMERAS

High resolution cameras acquire the data faster

Software

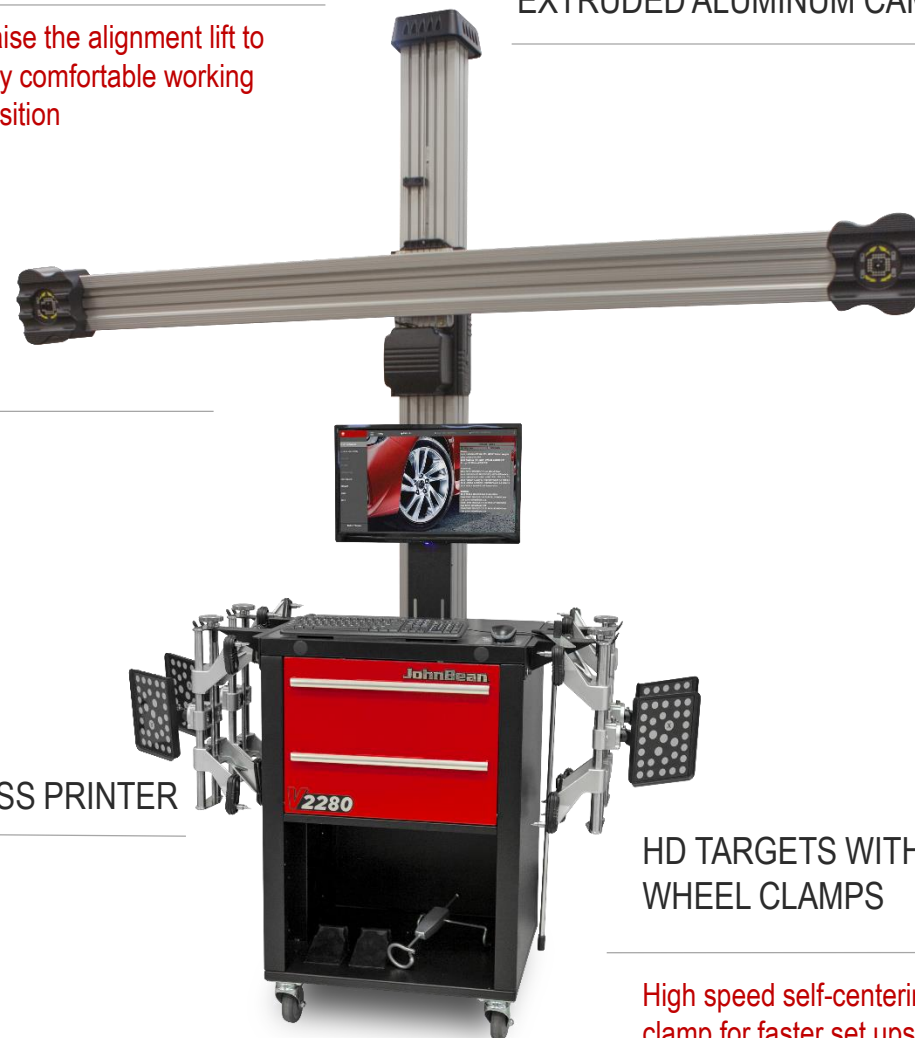
Fastest wheel alignment software
Get to the readings faster and start making adjustments sooner.
Beat the flat rate time

FAST ACCESS PRINTER

Easy access

HD TARGETS WITH AC200 WHEEL CLAMPS

High speed self-centering wheel clamp for faster set ups



SPEED and EASE of USE

Do more alignments faster and better without tying up too much shop real estate.

WHEEL ALIGNMENT EQUIPMENT

State-of-the art technology in an affordable package

Fast and easy to use



V3300
Three camera system
Portable
Mobile
Audit capable
For high volume and high production shops



V1200
Break the space barrier
Portable
For smaller bays and low volume shops

V2280

- Two Camera System
- Movable beam option
- Passenger cars and light duty trucks up to one ton
- OEM standard production vehicles
- Short and extended wheelbase
- Four wheel alignment
- Thrust line alignment
- Two wheel alignment



WHEEL ALIGNMENT EQUIPMENT

State-of-the art technology in an affordable package

Fast and easy to use



V2280

- Two Camera System
- Movable beam option
- Passenger cars and light duty trucks up-to one ton
- OEM standard production vehicles
- Short and extended wheelbase
- Four wheel alignment
- Thrust line alignment
- Two wheel alignment

V2280 Productivity Power Tools

- EZ Toe
- Cradle Adjust
- Elevated adjustments
- A-arm adjustment
- Eccentric cams adjustment
- Slotted control arms adjustment
- Vehicle Dimensioning (basic)

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

JohnBean
A division of Snap-on, Inc

WHEEL ALIGNMENT EQUIPMENT

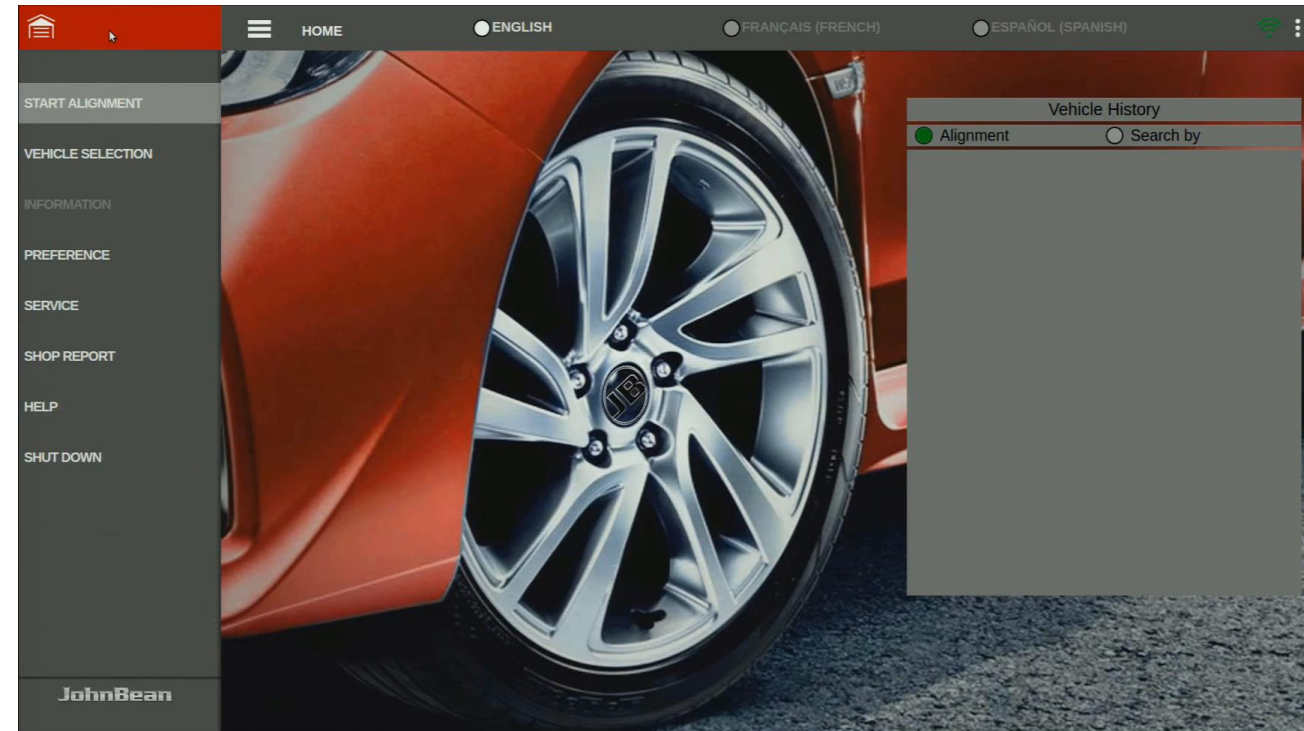
State-of-the art technology in an affordable package

Predictive Vehicle Selection



V2280 Vehicle Selection

- Using an optional VIN reader
- Using the vehicle history
- Entering the VIN manually
- Manual Make, Model, Model year entry



WHEEL ALIGNMENT EQUIPMENT

State-of-the art technology in an affordable package

Full Repair Support



V2280 OEM Alignment Procedure

- Full undercar repair support
- Detailed step-by-step vehicle specific procedures
- Torque specs
- And more....

A screenshot of the JohnBean V2280 software interface. The top bar shows 'VEHICLE INFORMATION', 'VEHICLE SELECTION', and 'FORD 2015 MUSTANG (Performance Package Coupé, Track Package Coupé)'. The left sidebar has menu items: 'VEHICLE SELECTION', 'VEHICLE HISTORY', 'VEHICLE SUMMARY', 'ALIGNMENT PROCEDURE', 'PARTS AND TOOLS', 'CUSTOMER INFORMATION', and 'TPMS'. The main area displays a steering wheel icon and a tire icon. A yellow warning box says 'The highlighted adjustments may require additional parts'. Below it, a table shows alignment data for Front and Rear. Another yellow warning box says 'This vehicle requires loading'. At the bottom, there is a 'Technical Service Bulletins' section with a search bar and a list of bulletins. A fuel gauge icon and a '0 1/2 1' scale are also visible. The bottom right has 'BACK' and 'NEXT' buttons.

| | min | pref | max | cross | min | pref | max | |
|----------------|--------|--------|--------|-------|--------|--------|--------|--------|
| Caster | 6.16° | 6.91° | 7.66° | +/- | --- | 6.16° | 6.91° | 7.66° |
| Camber | -1.78° | -1.03° | -0.28° | +/- | --- | -1.78° | -1.03° | -0.28° |
| SAI | -- | -- | -- | -- | -- | -- | -- | -- |
| Individual Toe | -0.10° | 0.00° | 0.10° | | -0.10° | 0.00° | 0.10° | |
| Total Toe | | | min | pref | max | | | |
| | | | -0.20° | 0.00° | 0.20° | | | |
| Camber | | | | | | | | |
| Individual Toe | 0.01° | 0.12° | 0.21° | +/- | --- | -0.25° | -1.50° | -0.75° |
| Total Toe | | | min | pref | max | | | |
| Thrust Angle | | | 0.03° | 0.23° | 0.43° | | | |
| | | | -0.50° | 0.00° | 0.50° | | | |

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

State-of-the art technology in an affordable package

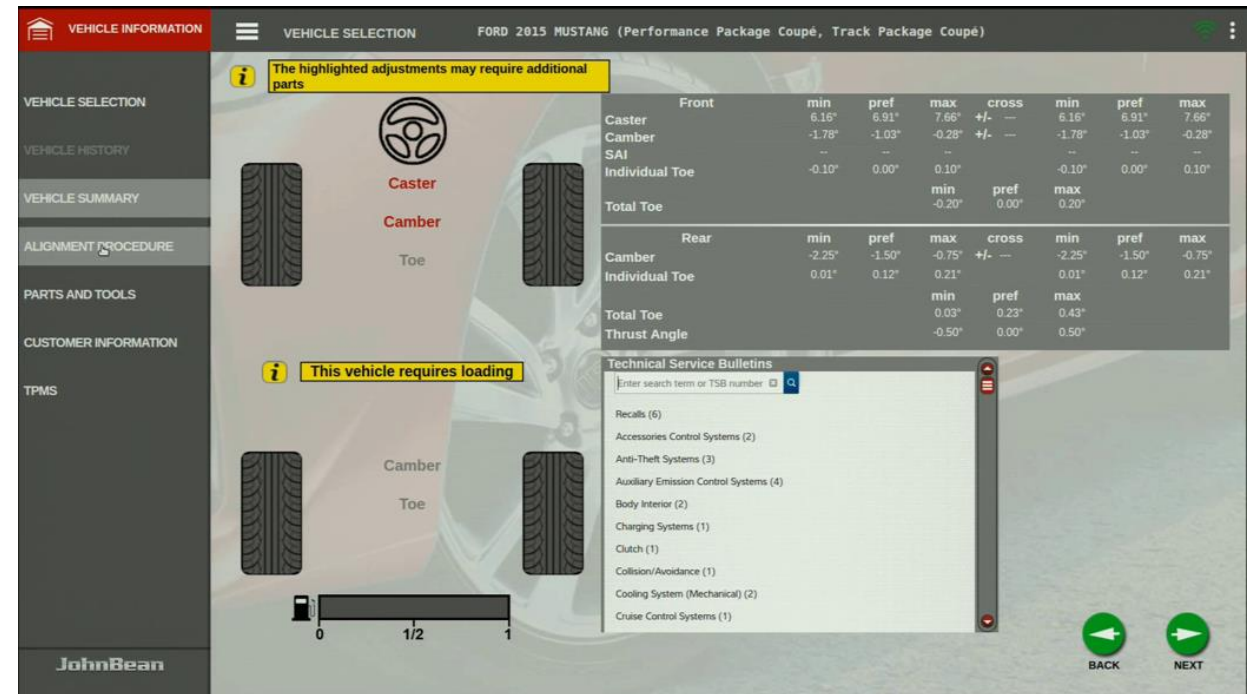
WIFI Connectivity

External WIFI 



V2280 Fully Connected

- TSBs
- Recall Information
- Vehicle Repair Information
- Automatic Software Updates
- Automatic Spec Updates
- Remote Diagnostics



VEHICLE INFORMATION

VEHICLE SELECTION FORD 2015 MUSTANG (Performance Package Coupé, Track Package Coupé)

The highlighted adjustments may require additional parts

| | Front | min | pref | max | cross | min | pref | max |
|----------------|-------|--------|--------|--------------|-------|--------|--------|--------|
| Caster | | 6.16° | 6.91° | 7.66° | +/- | 6.16° | 6.91° | 7.66° |
| Camber | | -1.78° | -1.03° | -0.28° | +/- | -1.78° | -1.03° | -0.28° |
| SAI | | -- | -- | -- | -- | -- | -- | -- |
| Individual Toe | | -0.10° | 0.00° | 0.10° | | -0.10° | 0.00° | 0.10° |
| Total Toe | | | | min pref max | | 0.20° | | |

This vehicle requires loading

| | Rear | min | pref | max | cross | min | pref | max |
|----------------|------|--------|--------|--------------|-------|--------|--------|--------|
| Camber | | -2.25° | -1.50° | -0.75° | +/- | -2.25° | -1.50° | -0.75° |
| Individual Toe | | 0.01° | 0.12° | 0.21° | | 0.01° | 0.12° | 0.21° |
| Total Toe | | | | min pref max | | 0.43° | | |
| Thrust Angle | | | | -0.50° | 0.00° | 0.50° | | |

Technical Service Bulletins

Enter search term or TSB number

Recalls (6)

- Accessories Control Systems (2)
- Anti-Theft Systems (3)
- Auxiliary Emission Control Systems (4)
- Body Interior (2)
- Charging Systems (1)
- Clutch (1)
- Collision/Avoidance (1)
- Cooling System (Mechanical) (2)
- Cruise Control Systems (1)

JohnBean

BACK NEXT

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

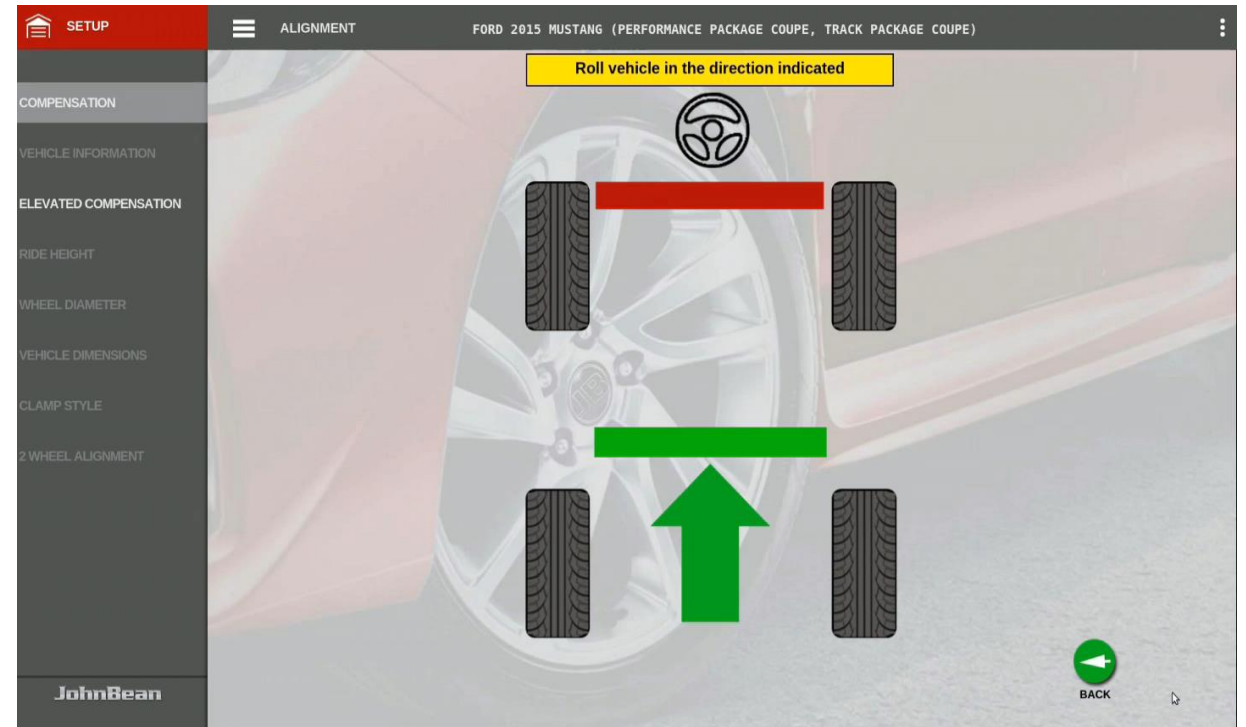
State-of-the art technology in an affordable package



V2280 Fast Roll Back

- Two step, all wheels simultaneous data acquisition
- Great for all wheel drive vehicles, there is no need to jack the vehicle up

Fast Compensation



V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

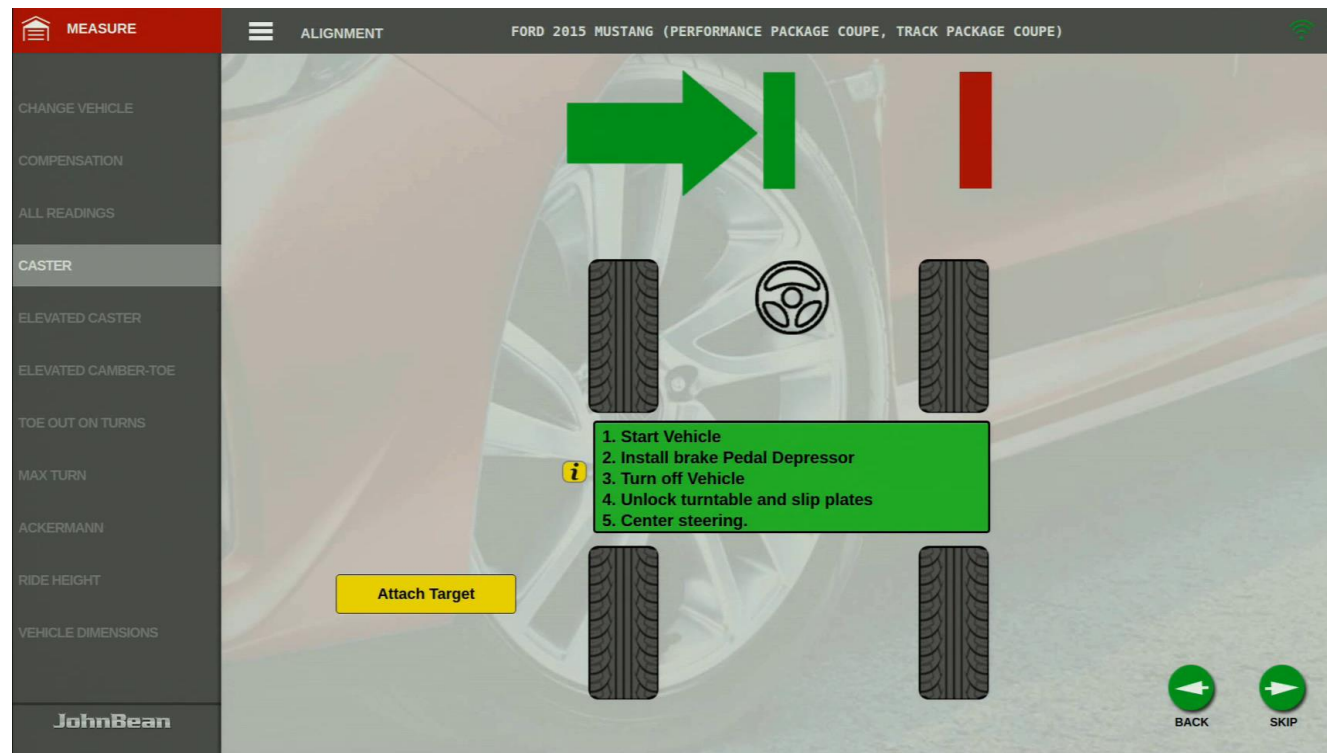
State-of-the art technology in an affordable package

Fast Caster



V2280 Fast Caster

- Fast caster SAI and included angle measurement



V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

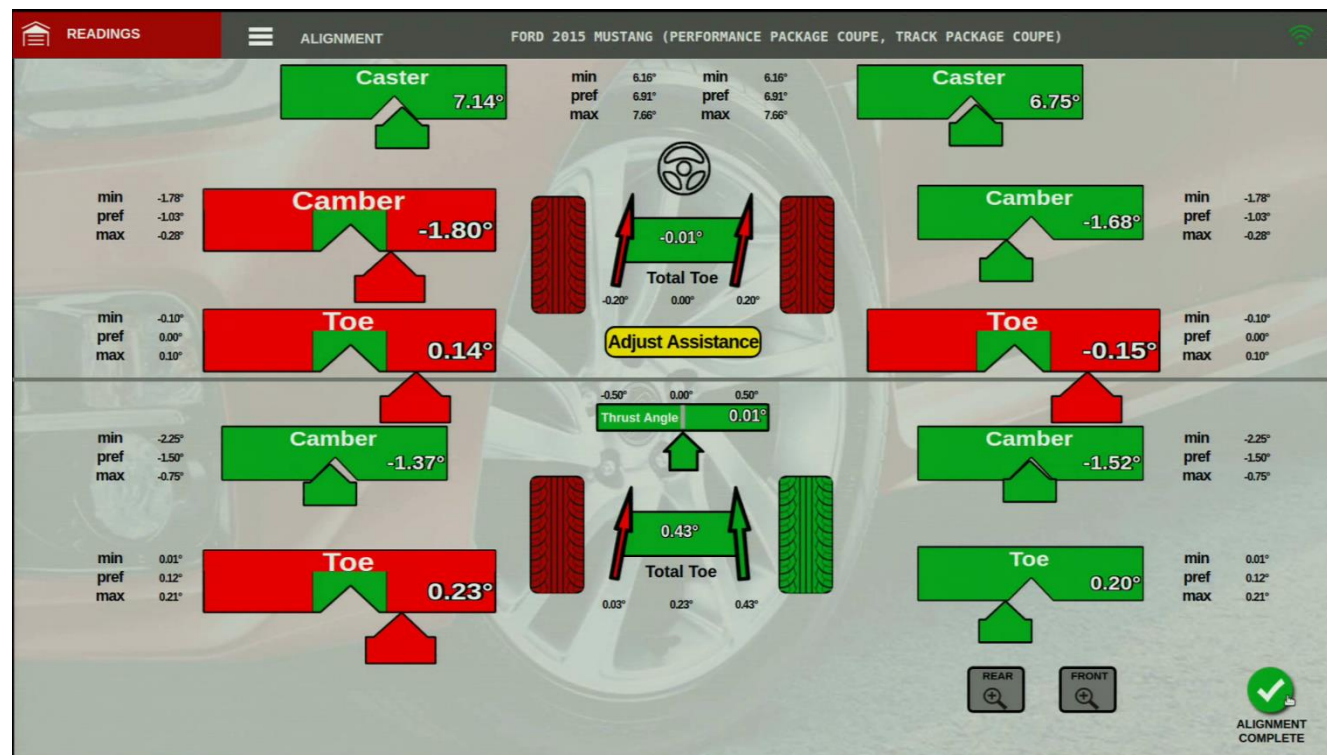
State-of-the art technology in an affordable package

All Readings



V2280 All READINGS

- Make all your adjustments on this one screen
- Fast, easy, and convenient



V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

State-of-the art technology in an affordable package

EZ Toe for straight steering wheels every time

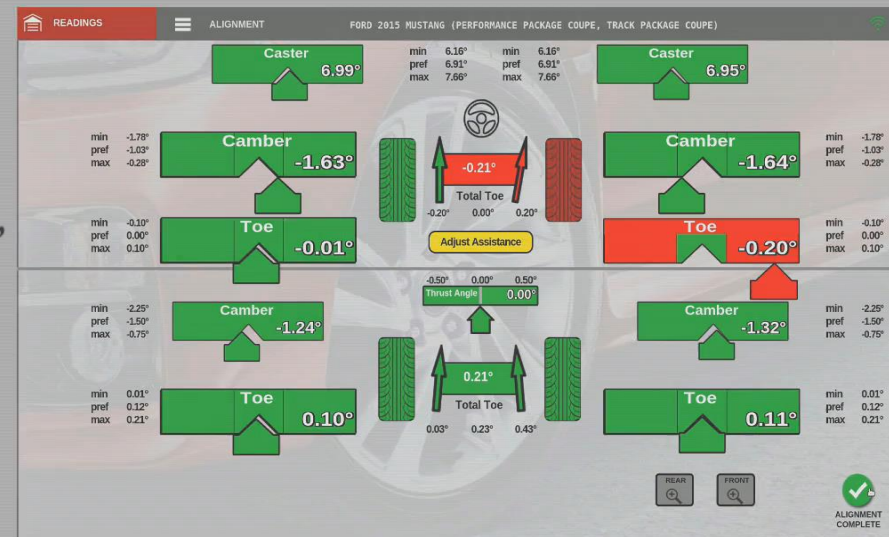


V2280 Power Tools

- EZ Toe
- For all vehicles including electronic stability controlled vehicles, electromechanical power steering, and ADAS equipped vehicles

JohnBean Technical Training

After obtaining alignment readings, when ready to adjust Front Toe, select EZ-Toe.



V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

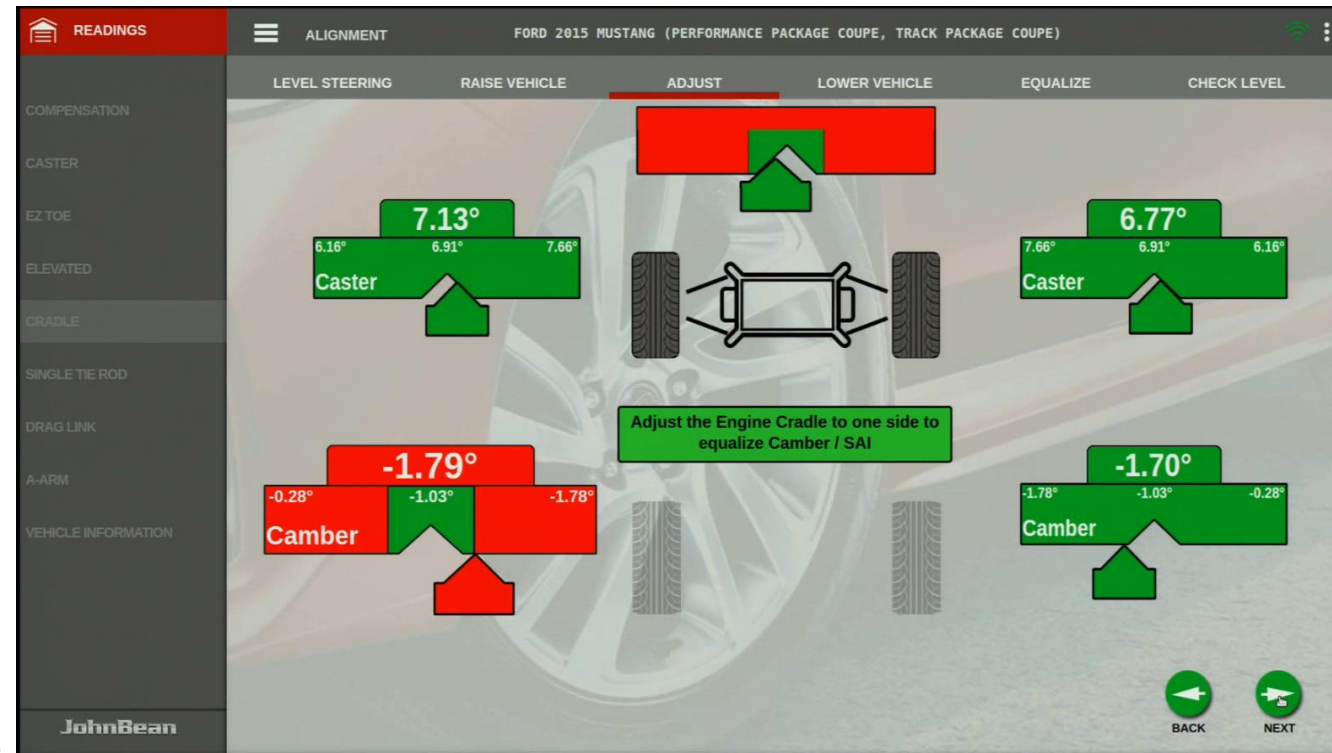
State-of-the art technology in an affordable package

Cradle adjust



V2280 Power Tools

- EZToe
- Cradle Adjust
- Elevated adjustments
- A-arm adjustment
- Eccentric cams adjustment
- Slotted control arms adjustment



Cradle adjustment is normally required after a transaxle replacement or repair, post front end collision work, or after hitting a curb.

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

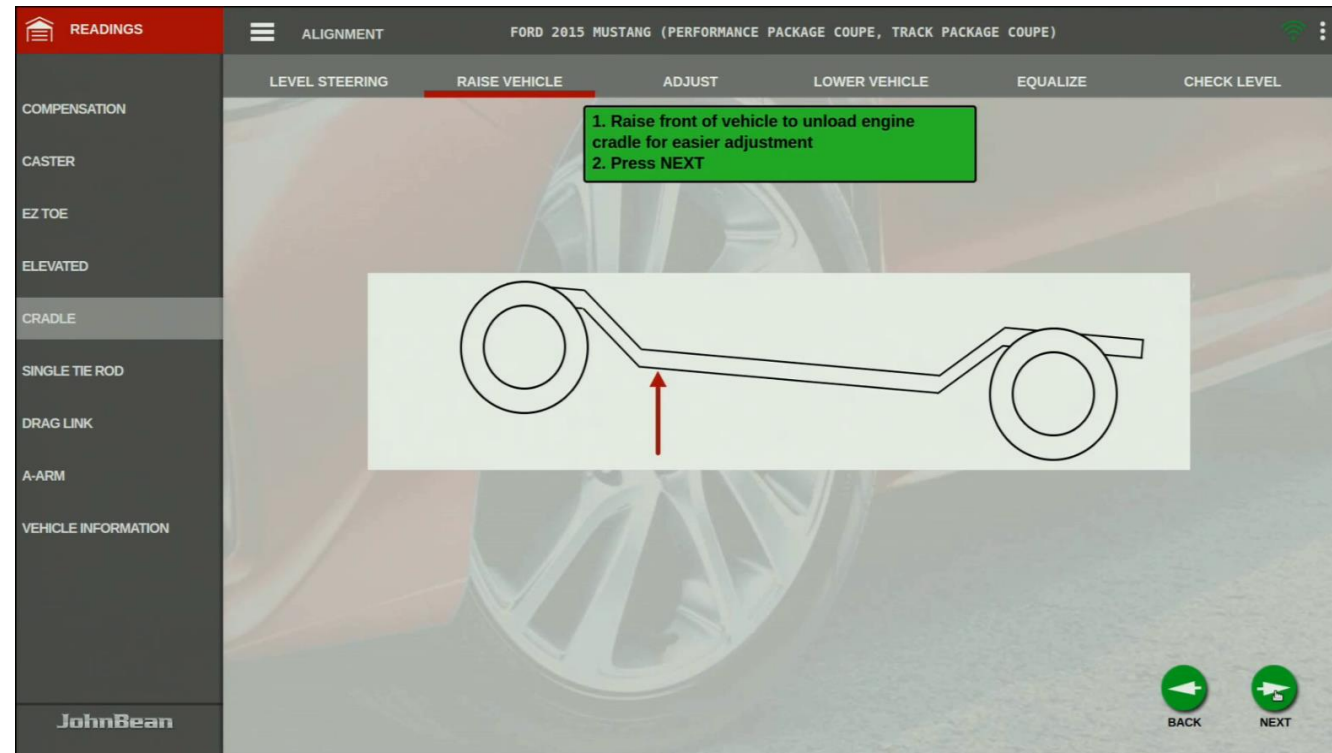
State-of-the art technology in an affordable package

Elevated adjustment



V2280 Power Tools

- EZToe
- Cradle Adjust
- Elevated adjustments
- A-arm adjustment



Taking the load of the suspension makes the adjustment easier and faster.

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

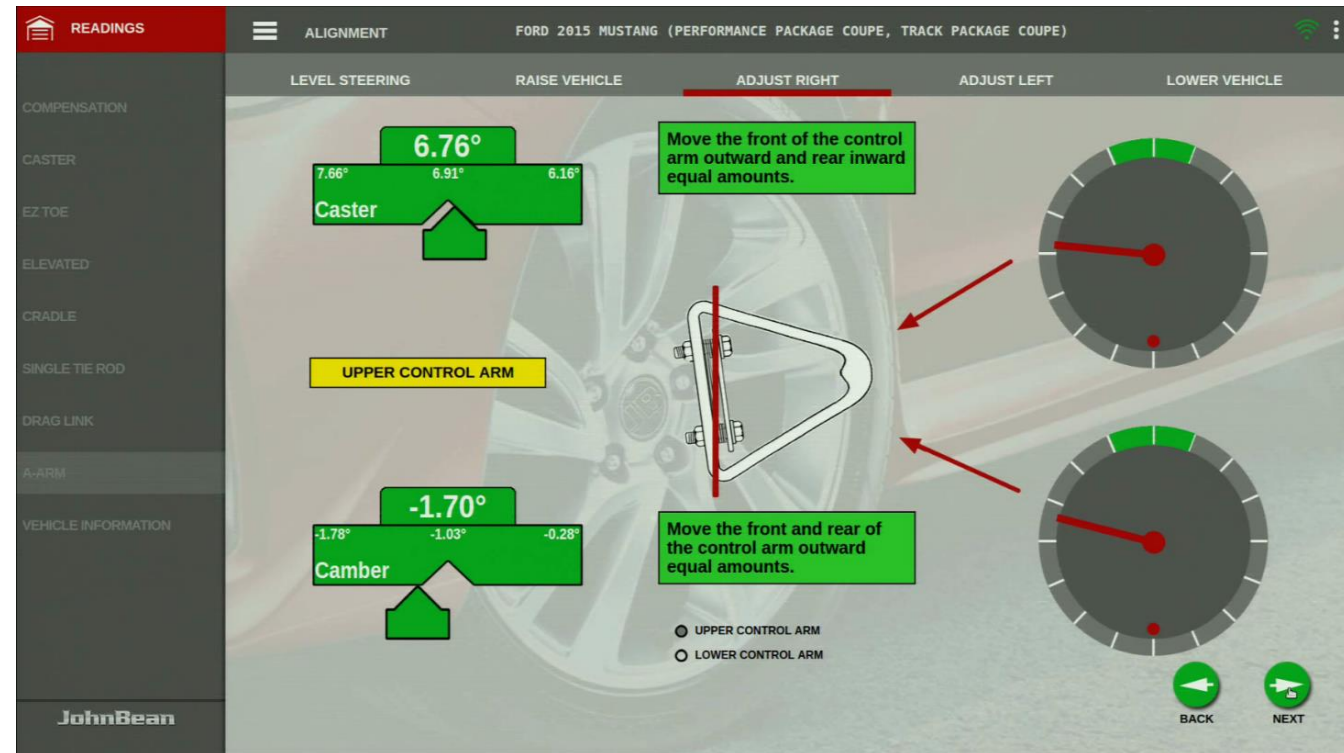
State-of-the art technology in an affordable package

Shims, eccentric cams, slotted control arms



V2280 Power Tools

- EZToe
- Cradle Adjust
- Elevated adjustments
- A-arm adjustment
- Shims
- Eccentric Cams
- Slotted control arms



Upper and or lower control arm shim, slots, or eccentric cam bolts.

WHEEL ALIGNMENT EQUIPMENT

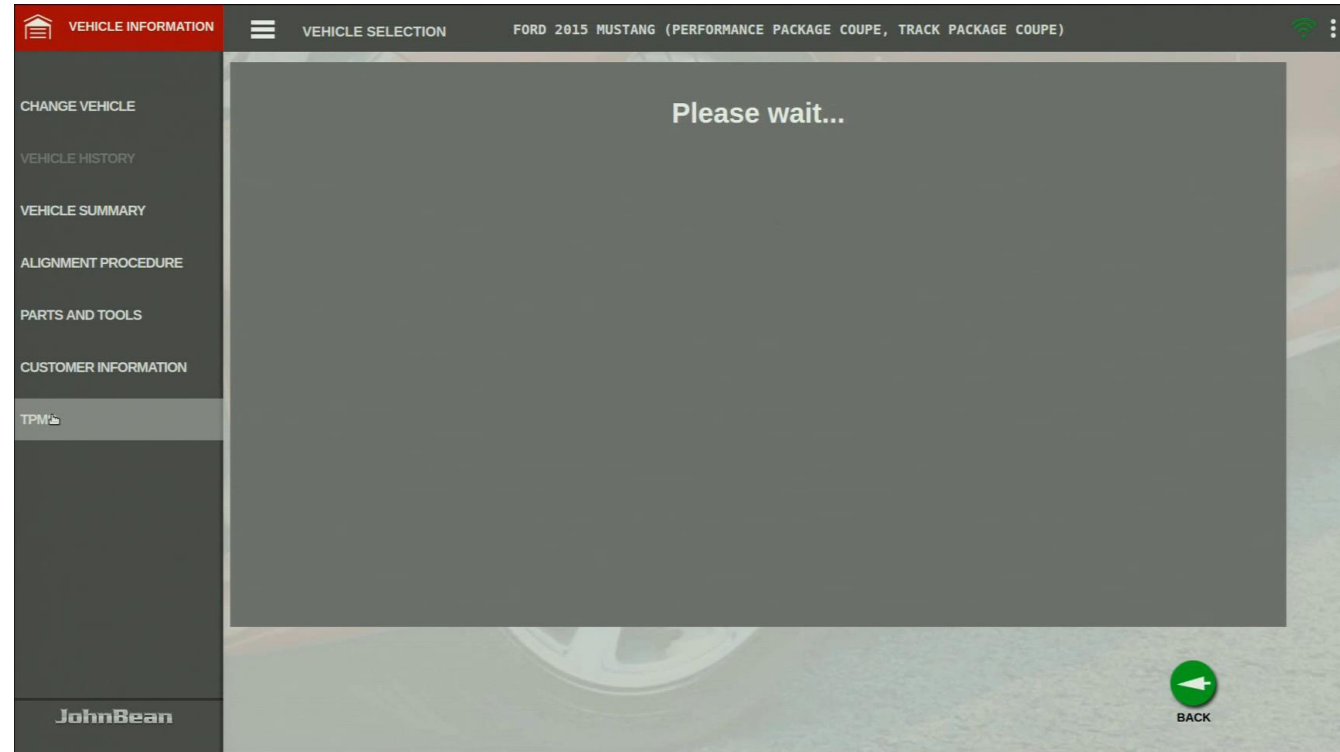
State-of-the art technology in an affordable package

TPMS Information



V2280 TPMS PROCEDURES

- TPMS reset
- Torque
- Demounting and mounting information



WHEEL ALIGNMENT EQUIPMENT

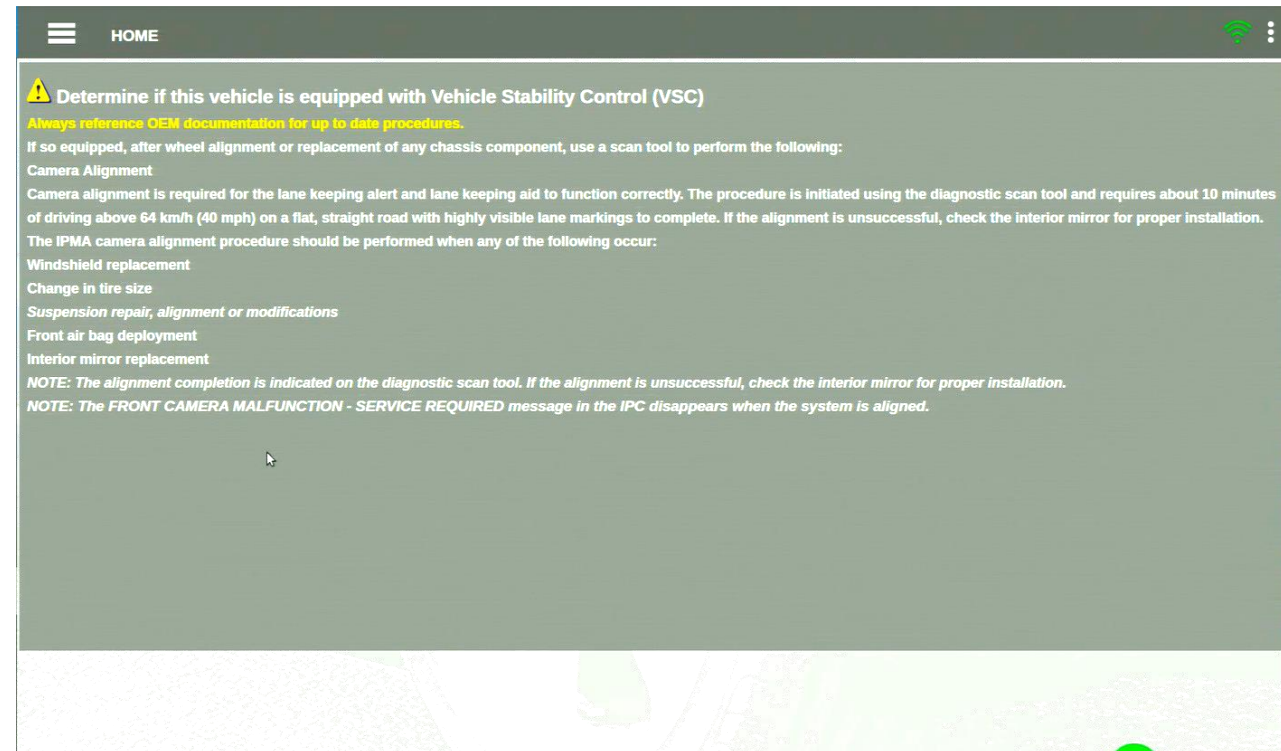
State-of-the art technology in an affordable package



V2280 SENSOR RESET PROCEDURES

- Torque
- SAS
- Yaw
- Deceleration sensor
- Acceleration sensor

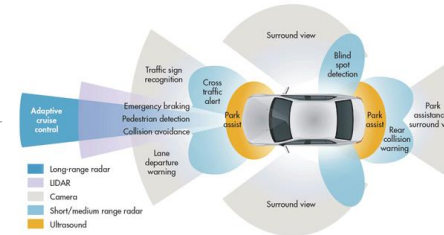
Vehicle Specific Sensor Reset Procedure



WHEEL ALIGNMENT EQUIPMENT

State-of-the art technology in an affordable package

ADAS



V2280 ADAS OEM Procedures

- Advanced Driver Assist System adaptation procedures
- Here are a few examples of the immense coverage offered by JBC

VEHICLE INFORMATION **VEHICLE SELECTION** FORD 2015 FUSION Hybrid SE All Models FWD

VEHICLE SELECTION

VEHICLE HISTORY

VEHICLE SUMMARY

ALIGNMENT PROCEDURE

PARTS AND TOOLS

CUSTOMER INFORMATION

TPMS

This vehicle requires loading

| | Front | min | pref | max | cross | min | pref | max | |
|----------------|--------|--------|--------|-------|-------|--------|--------|--------|-------|
| Caster | 2.60° | 3.35° | 4.10° | +/- | --- | 2.60° | 3.35° | 4.10° | |
| Camber | -1.55° | -0.80° | -0.05° | +/- | --- | -1.55° | -0.80° | -0.05° | |
| SAI | --- | --- | --- | --- | --- | --- | --- | --- | |
| Individual Toe | 0.00° | 0.10° | 0.20° | min | pref | max | 0.00° | 0.10° | 0.20° |
| Total Toe | | | | 0.00° | 0.20° | 0.40° | | | |

| | Rear | min | pref | max | cross | min | pref | max | |
|----------------|--------|--------|--------|--------|-------|--------|--------|--------|-------|
| Camber | -1.95° | -1.20° | -0.45° | +/- | --- | -1.95° | -1.20° | -0.45° | |
| Individual Toe | 0.05° | 0.15° | 0.25° | min | pref | max | 0.05° | 0.15° | 0.25° |
| Total Toe | | | | 0.10° | 0.30° | 0.50° | | | |
| Thrust Angle | | | | -0.50° | 0.00° | 0.50° | | | |

Accessories Control Systems (4)

- Anti-Lock Brakes (2)
- Anti-Theft Systems (1)
- Automatic HVAC System (1)
- Automatic Trans (1)
- Auxiliary Emission Control Systems (2)
- Blowers, Superchargers & Turbochargers (1)
- Body Interior (3)
- Brakes Control Systems (2)
- Campaign (1)
- Charging Systems (2)
- Collision/Avoidance (1)

0 1/2 1

JohnBean **BACK** **START**

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

WHEEL ALIGNMENT EQUIPMENT

State-of-the art technology in an affordable package



V2280 Power Tools

- CUSTOMER INFORMATION
- Cradle Adjust
- Elevated adjustments
- A-arm adjustment

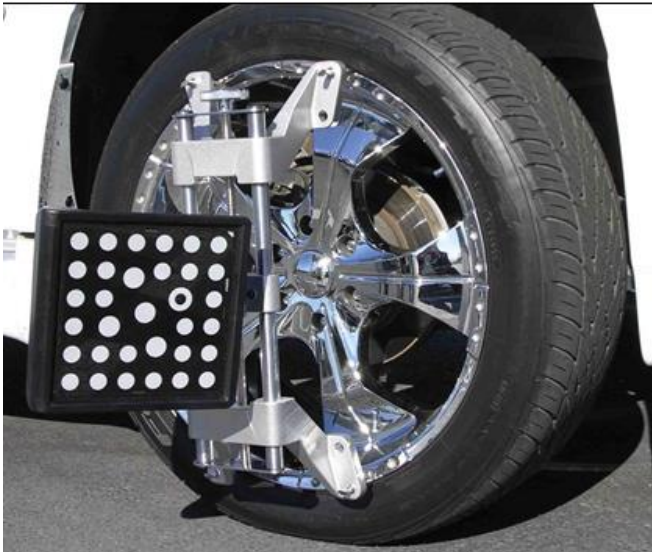
Customer information

The screenshot shows the software interface for the V2280 system. The top navigation bar includes 'VEHICLE INFORMATION', 'VEHICLE SELECTION', and 'FORD 2015 MUSTANG (PERFORMANCE PACKAGE COUPE, TRACK PACKAGE COUPE)'. The left sidebar lists menu items: 'VEHICLE SELECTION', 'VEHICLE HISTORY', 'VEHICLE SUMMARY', 'ALIGNMENT PROCEDURE', 'PARTS AND TOOLS', 'CUSTOMER INFORMATION', and 'TPMS'. The main content area is titled 'CUSTOMER' and contains input fields for Name, Company, Address1, Address2, Phone, and Email. Below this is a 'VEHICLE' section with fields for VIN, License, Odometer, Technician, and Order. At the bottom, there are radio buttons for 'Backup Customer Database' and 'Restore Customer Database'. A modal dialog box is open for the backup function, with the text 'Insert Flash Drive. Enter Filename And Press The BACKUP Button'. A 'Backup' button is visible on the right. A 'BACK' button is at the bottom right of the screen.

Enter and save customer and vehicle information for your business. Back up and restore databases.

AC200 CLAMPS

Faster set up, wider range, positive clamping



AC200 wheel clamps are a legacy product. They provide a wide range of wheel size clamping.

The wheel claws are angled facilitating mounting on the wheel

The positive grip ensures that the targets will not move due to excessive vibrations when using pneumatic tools to loosen the adjustments



AUTO-TRACKING MOVABLE BEAM

Mechanically driven

Electromechanical, robust and reliable

Auto-tracking movement of the camera beam provides an enhanced range of operation from the ground all the way up to the highest position on the alignment rack

Set the vehicle at a comfortable working height of your choice



REPORTS

Mechanically driven

Customer and technician friendly

SEVERAL REPORTS ARE AVAILABLE

CUSTOMER FRIENDLY

Before and after report

TECHNICIAN REPORT

With advance angles

VEHICLE DIMENSIONING REPORT

See the shape and determine if alignment alone can fix the vehicle

The screenshot displays the software interface for a wheel alignment system. The main window shows a report for a Ford 2015 Mustang (Performance Package Coupe, Track Package Coupe). The report includes a navigation menu on the left with options like 'START ALIGNMENT', 'REPORTS', 'CUSTOMER INFORMATION', 'PRINTERS', 'PRINTER LANGUAGES', 'INFORMATION', and 'FEEDBACK'. The main content area shows a 'Reports' section with a thumbnail of a report and a larger view of the report itself. The report includes a header with store information, a date of 10/24/2017, and a technician name of Bob. It also lists customer and vehicle details. The report contains two tables: 'LEFT' and 'RIGHT', each with columns for 'Actual' and 'Target' values for various alignment parameters. A 'Vehicle Dimensioning Report' table is also present. The interface includes a language selector (English, Français (French), Español (Spanish)), a clock showing 9:42:12 AM, a duration timer showing 14:51 Min., and buttons for 'PRINT' and 'HOME'.

| PARAMETER | LEFT | | RIGHT | |
|-------------------|--------|--------|--------|--------|
| | Actual | Target | Actual | Target |
| TOE | -0.14" | 0.00" | 0.00" | 0.00" |
| CAMBER | -1.28° | -1.00° | -1.00° | -1.00° |
| STEER | 0.24° | 0.00° | 0.24° | 0.00° |
| SAFETY | 1.38" | 2.25" | 1.50" | 1.50" |
| WHEEL ANGLE | 14.20° | --- | 14.20° | --- |
| WHEEL TRACK | 14.40" | --- | 14.40" | --- |
| WHEEL TRACK DIFF. | --- | --- | --- | --- |
| WHEEL TRACK CHG. | --- | --- | --- | --- |
| WHEEL TRACK SET | --- | --- | --- | --- |
| WHEEL ANGLE SET | --- | --- | --- | --- |
| WHEEL TRACK | --- | --- | --- | --- |
| WHEEL ANGLE | --- | --- | --- | --- |

| PARAMETER | VEHICLE DIMENSIONING REPORT | |
|------------------|-----------------------------|--------|
| | Actual | Target |
| WHEEL TRACK SET | 0.00" | 0.00" |
| WHEEL TRACK CHG. | 0.00" | 0.00" |
| WHEEL TRACK SET | 0.00" | 0.00" |
| WHEEL TRACK CHG. | 0.00" | 0.00" |
| WHEEL TRACK SET | 0.00" | 0.00" |
| WHEEL TRACK CHG. | 0.00" | 0.00" |

A primary and secondary report can be selected. The amount of time it took to perform the alignment is displayed on the screen (can be turned off).

IMAGING ALIGNER

Error Reporting

A unique feature of the V2280 is its ability to detect circumstances that would lead to a bad alignment

The three levels of error detection are:

COMPENSATE

WARN

ALERT

IMAGING ALIGNER Error Reporting

LEVEL 1

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

You will have a great alignment

COMPENSATE

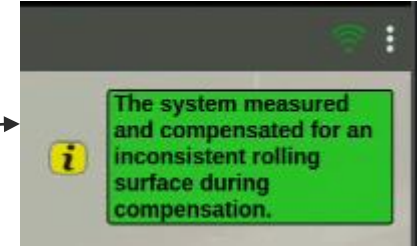
IMAGING ALIGNER Error Reporting

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

WARN



IMAGING ALIGNER Error Reporting

LEVEL 3

The machine has detected a potential error and is informing you that this may not be your best alignment

ALERT

There is significant track width difference front to back; please inspect.

V2280

IMAGING WHEEL ALIGNMENT SYSTEM

JohnBean
A division of Snap-on, Inc

DO IT, AND DO IT WELL

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 |

| | | |
|--------------------------|------------------------|-------|
| _____ | _____ | _____ |
| Customer Signature | Customer (Print) | Date |
| _____ | _____ | _____ |
| Representative Signature | Representative (Print) | Date |

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V2280

IMAGING WHEEL ALIGNMENT SYSTEM

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Automotive Service Equipment

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