

# JohnBean™

## V2100

## NEW PRODUCT RELEASE 3A

PRODUCT CATEGORY	Wheel Aligners
SALES CHANNEL	John Bean
MODEL	V2100
DATE RELEASED	February, 2018
REVISION	Release 1.0 - February, 2018
SENIOR PRODUCT MANAGER	Adam Brown
PRODUCT MANAGER	Pietro Azzari

PROPRIETARY INFORMATION OF SNAP-ON.® DO NOT REPRODUCE.

©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.

**JohnBean™**

# V2100

- Next generation software and camera technology
- Accurate and repeatable readings in under 2 minutes
- Online connectivity for automatic software and specs updates
- Portable remote display
- Mainstream alignment features
- Tilt, wall and fixed beam options
- Easy installation and service



PROPRIETARY INFORMATION OF SNAP-ON.™ DO NOT REPRODUCE.

©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.

**JohnBean**™

# INDEX

---

- **Value Proposition** **Page 4**
- **Target Customers** **Page 12**
- **Technical Specifications** **Page 14**
- **Standard Equipment & Accessories** **Page 18**



# VALUE PROPOSITION

PROPRIETARY INFORMATION OF SNAP-ON.® DO NOT REPRODUCE.

©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.

**JohnBean**™

# Professional Results & Ease of Use

---

- Next generation camera technology for a faster and more responsive alignment system.
- Entry Level Imaging Aligner for the Independent
- Familiar beam aligner with next generation features
- New easy to use User Interface
  - Fast Rolling Compensation
  - Fast Caster Sweep
  - Compensate, Warn, Alert
- Online connectivity for automatic software and specs updates
- Wireless remote display support with connection to many consumer devices
- Improved installation flexibility with camera beam and printer shelf connected by ethernet cable (up to 50 meters long)
- No need for RCP bar for easier and faster service

# Software Features

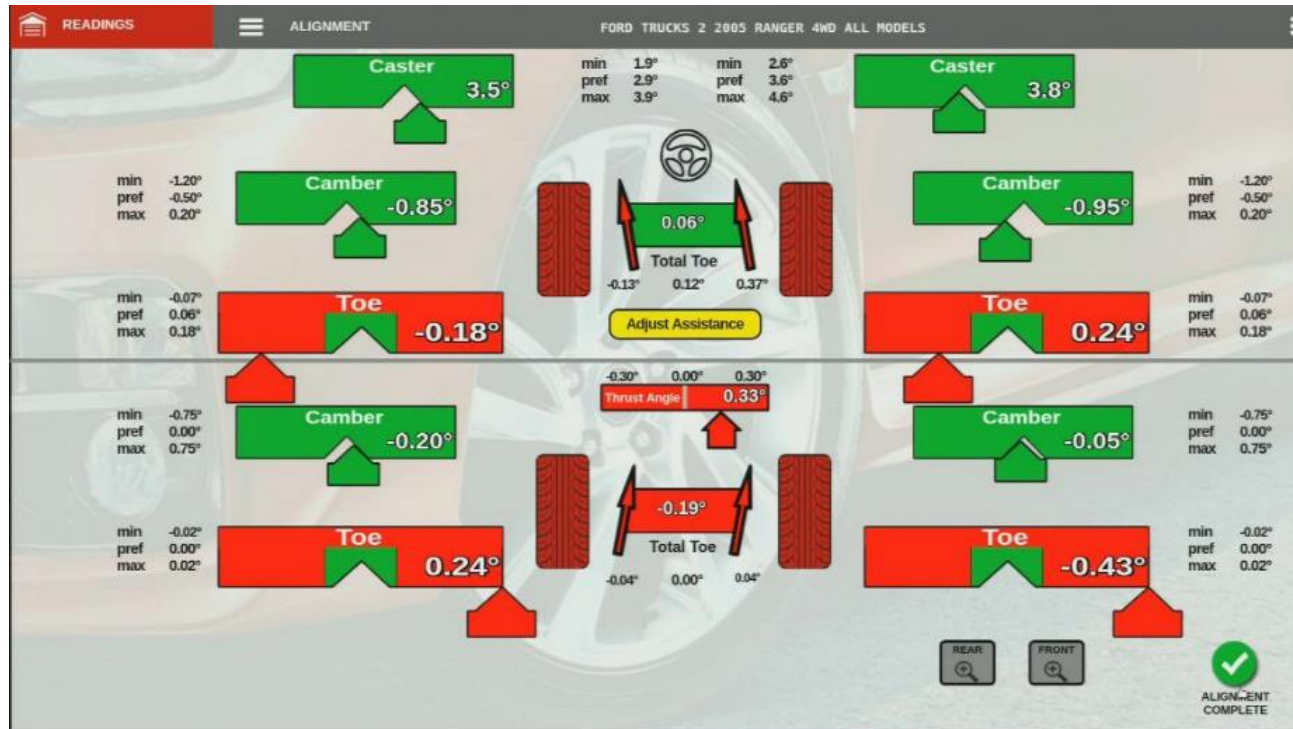
	Legacy Product				New Products	
	EL/ELS	V2200	V2300	V2400	V2100	V1200
Network Connected Features					X	X
Compensate, Warn, Alert					X	X
Fast Rolling Comp and Caster					X	X
EZ Toe	X	X	X	X	X	X
Special Suspension Assistants		X	X	X	X	X
Vehicle Dimensions		X	X	X	X	X
Cross Diagonals and Tire size			X	X		
Wheels Off			X	X		
Advanced Geometry				X		

PROPRIETARY INFORMATION OF SNAP-ON.® DO NOT REPRODUCE.

©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.

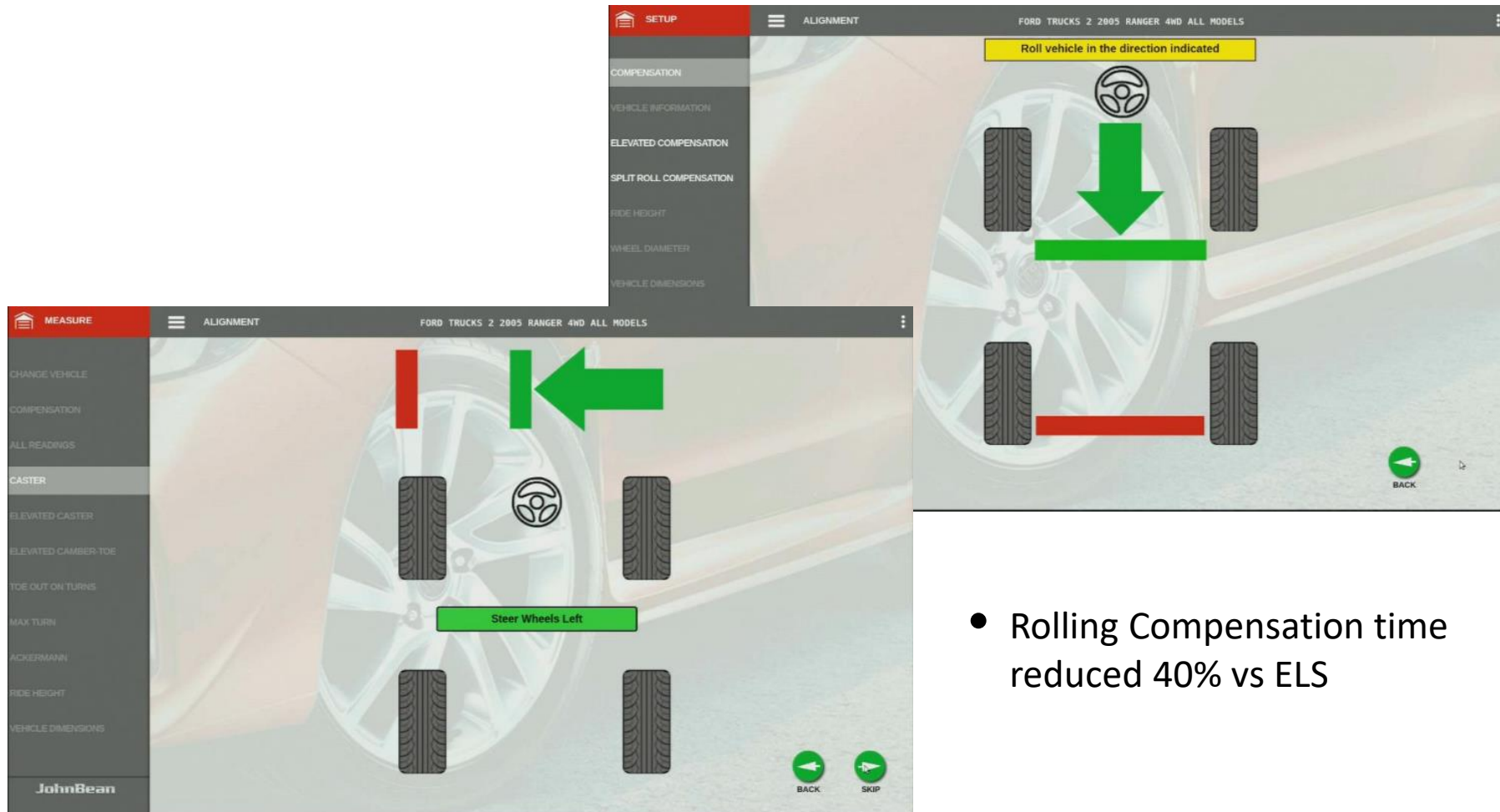
**JohnBean**™

# Next Gen User Interface



- Designed for maximum clarity and accessibility. Useful features always one click away
- Online connectivity for automatic software and specification updates

# Faster compensation and caster sweep



- Rolling Compensation time reduced 40% vs ELS

PROPRIETARY INFORMATION OF SNAP-ON.® DO NOT REPRODUCE.

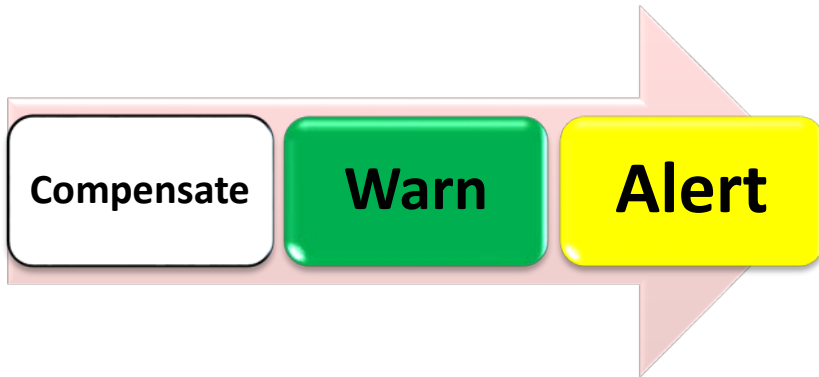
©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.

**JohnBean**™



# Compensate Warn Alert

---



- The system detects problems with suspension stress and damage, the lift, clamps, environment and more.
- Required corrective actions are identified and displayed.
- Additional information is always one click away

# AC100 and Ultra targets – Proven tech

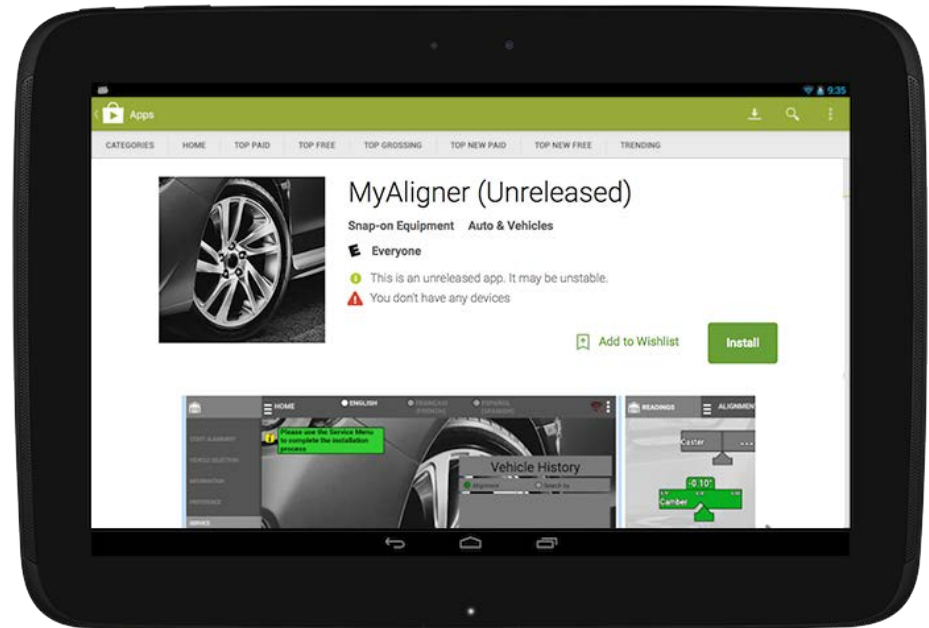
---

- Rugged cast aluminium construction
- Fits rims between 13" – 22" – no limitation on tyre diameters
- 4.9 to 5.2 kg (10.9 to 11.5 lbs) per clamp
- 4" extensions are available as an optional accessory
- Self centring design enables accurate measurement of vehicle dimensions.
- Single side claws for easier and faster operation. Double sided claws still available as an optional accessory



# Wireless remote display

- App Name: MyAligner
- Google Play Store
- App Features:
  - Secondary (remote) display function using consumer tablet
  - Independent navigation to All, Front, and Rear meters after completion of rolling compensation
- IOS app with iPad support





# TARGET CUSTOMERS

PROPRIETARY INFORMATION OF SNAP-ON.® DO NOT REPRODUCE.

©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.

**JohnBean**™

# Target Customers:

---

- General Repair Shops
  - Independent garages where alignment is not the primary focus.
  - National Accounts looking for a second aligner and/or do not require the full software feature set
- Shops that want a professional quality aligner and:
  - Want a traditional alignment system
  - Want the newest measurement technology with proven accuracy
  - Do not require advance alignment software features
  - Do not require OEM special procedures



# TECHNICAL SPECIFICATIONS

PROPRIETARY INFORMATION OF SNAP-ON.® DO NOT REPRODUCE.

©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.

**JohnBean**™

# Technical Specifications

---

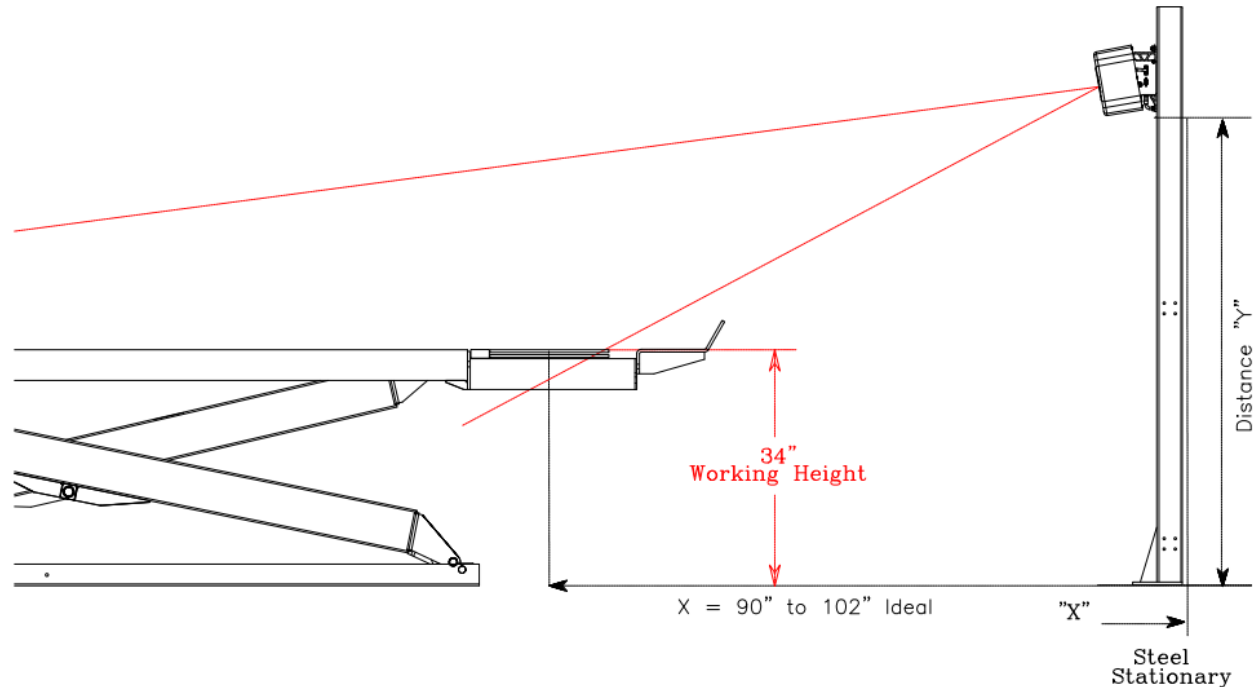
Camera system_____	2 cameras, 5.1 Mega Pixel
Track width_____	121.9 cm – 243.8 cm (48" – 96")
Wheelbase_____	200.7 cm – 457.2 cm (79" – 180")
Shipping weight_____	227 kg (501 lbs)
Power requirements_____	100-230 Volts AC, 50/60Hz, 15 Amps circuit. Must have earth ground.
Agency approvals_____	UL201, C22.2, CE

©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.





# Install Baseline



Installation Distances Chart		Steel Stationary Support	
Distance "X"	Distance "Y"	Vehicle Width Min.	Vehicle Width Max.
68.5" [1740mm] *	53.50" [1360mm]	52.0" [1321mm]	77.0" [1956mm]
80.0" [2032mm]	56.63" [1438mm]	48.0" [1219mm]	79.0" [2007mm]
90.0" [2286mm]	58.88" [1496mm]	42.00" [1067mm]	81.0" [2057mm]
100.0" [2540mm]	61.13" [1553mm]	34.0" [864mm]	83.0" [2108mm]
110.0" [2794mm]	63.38" [1610mm]	26.0" [660mm]	85.0" [2159mm]

NOTE: SHORTENED BAY RESULT IN A LIMITED CAMERA VIEW. EXTRA CARE MUST BE TAKEN TO ENSURE THE CAMERA BEAM IS CENTERED TO THE ALIGNMENT SURFACE.



# STANDARD EQUIPMENT & ACCESSORIES

PROPRIETARY INFORMATION OF SNAP-ON.® DO NOT REPRODUCE.

©2016 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved.

**JohnBean**™

# Standard Equipment

---

## **V2100 TILT EEWAEU541G1**

- Next generation software
- Tilting camera beam and post
- AC100 wheel clamps with 3D targets
- Electronics Shelf
  - Host Controller
  - Keyboard and Mouse
  - Color Printer
- 22" Wide-screen monitor



# Standard Equipment

---

## V2100 EEWAEU541G

- Next generation software
- Fixed camera beam mount
- AC100 wheel clamps with 3D targets
- Electronics Shelf
  - Host Controller
  - Keyboard and Mouse
  - Color Printer
- 22" Wide-screen monitor



# Accessories

---

## Included Accessories

- Steering Wheel Holder
- Brake Pedal Depressor
- Colour Ink-Jet Printer
- Wheel Chocks



## Optional Accessories

- Fixed Tower Support – EAK0289J79C (only EEWAEU541G)
- Tilting Device - 4031154 (only EEWAEU541G)
- Tower Tilt Support – 36431 (only EEWAEU541G)
- 4" extension kit - 30926
- 2" extension kit for hubs – EAK0289J62B
- Low profile kit – EAK0268J40B
- Two sided claw - 4029108 (one kit per clamp)

# Accessories for Service Centres

---

- Calibration Bar  
(ref. no. 4027185)
- Adapter for Calibration Bar  
(ref. no. 34443)

