JohnBean

WHEEL SERVICE EQUIPMENT

VOL. 6

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DIAGNOSTICS & AIRCON

DIAGNOSTIC TRAINING VIDEOS
www.johnbean.co.za/fitment-centre-functions

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FINANCE AVAILABLE
12 - 60 Months

12 Instalment
INTEREST FREE
PAYMENT PLAN

T's & C's Apply

Snapfin Credit (NCRCP606)
Registered Credit Provider

Snap-on Equipment
www.johnbean.co.za

JohnBean

Pro42 Platinum Auto-Tracking 3D Wheel Aligner

*JBV3DV34P3A-C-W0

AUTOMATIC HEIGHT TRACKING

Camera Mobility Kit *(optional)*

DRIVE-THRU

> High Speed Wheel Aligner with **advanced diagnostic capabilities & Auto-Tracking**

In addition to Platinum model features:
> Automatic height tracking
> Drive-thru capabilities

> Screen 27"
> Colour Ink Tank Printer

Optional: *Snap-on*
ETHOS Edge
Diagnostic Scan Tool

DIAGNOSTIC TRAINING VIDEOS
www.johnbean.co.za/fitment-centre-functions

SCAN ME

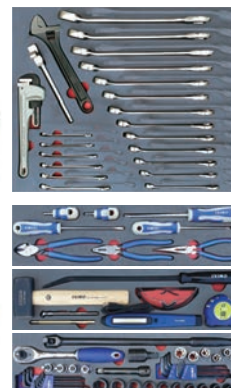## JohnBean

Pro42 Platinum 3D Wheel Aligner

*JBV3DV24P2A-C-W0

> High Speed Wheel Aligner with **advanced diagnostic capabilities**

In addition to Gold model features:
> Platinum Software
> **Scrub Radius**
> **Pro Ackerman**
> Graphical Caster Trail
> Steering asymmetry
> Motorised Post
> Screen 27"
> Colour Ink Tank Printer

Optional:
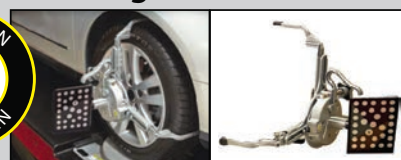**Wheel Alignment Tool Set S2 In Roll Cab**

Snap-on Blue

79pc
SET.ALB2006E1-S2

Tyre-contact Alignment Fast Clamp

JOHN BEAN **AC400** JOHN BEAN

> No contact with the rim - eliminating potential damage
> Fast Clamping - single fast-action adjustment
> Full range of tyre sizes - no extensions needed (19" - 39")
> Lightweight and Durable - drop tested cast magnesium
> Accurate and Repeatable Results - secure clutch limited clamping force
> Ergonomic Design - large, comfortable handle

Optional: Standard AC100 Clamp (All Models)

Snap-on Blue

Optional:
Wheel Alignment Tool Set S1 In Top Chest

64pc
SET.ALB2003E1-S1
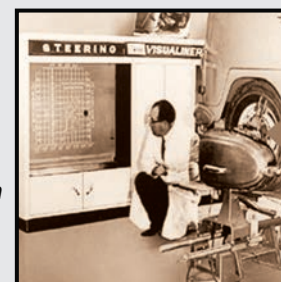

Innovators of 3D Alignment Technology

1st...
John Bean engineers designed a dedicated alignment machine to diagnose problems.

1st...
Optically based alignment system in the industry.

JohnBean

Pro42 Gold 1
3D Wheel Aligner
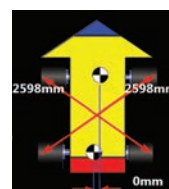JBV3DV23G1-W0

> High Speed Wheel Aligner with **expanded diagnostic capabilities**
> In addition to Lite model features:
> Gold Software
> **Cross-Diagonal measurement**
> Ride-height measurement
> Roll forward and split positioning
> OEM Wizards
> Integrated help system
> Shorter roll back
> Screen 27"
> Colour Ink Tank Printer

Optional:
Camera Support
EAK0289J80AC1L-W0

2.5m

3D Animated Help Videos

Cross-Diagonal Measurements

2598mm 2598mm
0mm

Why Fitment Centres Need Diagnostics

> **Steering angle sensors (SAS)** recalibration after alignment
> **Tyre Pressure Monitoring systems (TPMS)** coding
> **Batteries** service resets and battery relearn
> **Electronic Parking Brakes** releasing for brake replacement
> **ABS** bleeding of electronic braking systems
> **Ride Height** pre-set required on some Air suspension vehicles
> **Engine Management Light** reset required after some exhaust replacements

SCAN ME

Blue-Point®
EQUIPMENT BY
JohnBean

Pro42 Lite Post
3D Wheel Aligner
JBV3DBWA200R-W0

> High Speed Wheel Aligner with **diagnostic capabilities**
> Windows 10 OS
> New slim post with multiple height positions
> XD Cameras and Targets
> Compact, Lighter Targets
> Screen 24"
> Laser Jet Printer
  Optional:
> Post Extension 800mm
  EAA0435V06A-EXT-W0

Turn Table
EAK0289J07C

Alignment Turntable (each)
Dimensions: 465mm L x 500mm W x 50mm H

Pro42 Lite Cabinet
3D Wheel Aligner
JBV3DBWA200RB-W0

> High Speed Wheel Aligner with **diagnostic capabilities**
> Windows 10 OS
> 6 Drawer Mobile Cabinet
> XD Cameras and Targets
> Compact, Lighter Targets
> Screen 24"
> Laser Jet Printer
  Optional:
> Post Extension 800mm

Tilt Mechanism Camera Beam Electro-Hydraulic
(Optional-All Models)

Positions cameras with a touch of a button for a lift installation

EAK0289J64AC

1st...
Successful Optical Measuring heads with CRT (Cathode Ray Tube) monitor.

1st...
3 Dimensional Aligner in the Industry

1st...
*Self calibrating 3D Alignment System with **DRIVE-THRU** capabilities.*

JohnBean
WHEEL SERVICE EQUIPMENT

JohnBean
*B800P-WO

> High Volume Fully Automatic Wheel Balancer
> No data entry required
> Clamp, close, results
> Power clamping standard
> Touch screen
> Split Weight Mode

LASER POINTER

FULLY AUTOMATIC

JohnBean
*B2000P-WO

> High Volume Fully Automatic Diagnostic Balancer
> 3D Laser technology
> Single measuring run all data detected and possible defects in tyre or rim diagnosed
> Power clamping standard
> Print-out of all test results
> Touch screen
> Optiline - Wheel rotation function (optional)

DIAGNOSTIC

BFH2000 sample screen shots

JohnBean
B300L-WO

LASER POINTER

SMART SONAR

> High Volume Automatic Wheel Balancer
> Split Weight Mode
> Laser Pointer

Power clamping option B300P-WO

JohnBean
B600L-WO

> High Volume Automatic Wheel Balancer
> Operator guidance through pictorials and text
> Touch screen
> Split Weight Mode

LASER POINTER

SMART SONAR

Power clamping option *B600P-WO

JohnBean
B9110-WO

> Lower Volume Semi-Automatic Wheel Balancer
> Real Plane Imaging Technology

JohnBean
B100-WO

> Medium Volume Compact Semi-Automatic Wheel Balancer
> Split Weight Mode

MB Centering Kit
EAK0315G21A

Split Weight Mode

Accurate balancing procedures to hide the weights behind the spokes

Wheel Weight Roll Cart with Pin Plate Set
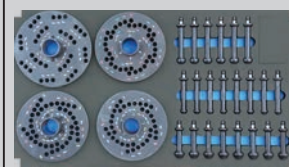KRBC3T3WWB3-S0WB

Colour Coded Sizes

Wheel Weight Roll Cart Only
KRBC3T3WWB3-W0

Balancer Pin Plate Set

EEWB3-1B-INS798-WF

TYRE CHANGERS

JohnBean
WHEEL SERVICE EQUIPMENT

JohnBean
T5340-W0+MH320

PRO-SPEED TECHNOLOGY
Never Exceeds Max Torque

ProSpeed automatic speed control technology that maximises rotation speed according to torque applied

Wheel Lift (Optional)
*EAK0279G86A/89A

220V

> High Volume 24"
  Tilt-back Tyre Changer
> Max wheel width 13"

JohnBean
*T5540-W0+MH320

220V

> High Volume 24"
  Tilt-back Tyre Changer
> Max wheel width 15"

JohnBean
*T7800S-L-W0

220V

> High Volume 30"
  Centre Mount Tyre Changer
  with Wheel Lift
> Max wheel width 15"

Blue-Point
*MTC100BP-W0

> Low Volume 22"
  Swing-arm
  Tyre Changer
> Max wheel
  width 13"
> 220V or 380V

Blue-Point
MTC24BP-W0

> Med Volume 24"
  Tilt-back
  Tyre Changer
> Max wheel width 13"
> 220V or 380V

MOUNT HELP OPTIONAL

4" Optional Extension Adaptors
EAA0331G91A

JohnBean
T3000-24-W0

> High Volume 24"
  Tilt-back Tyre Changer
> Max wheel width 13"
> 220V or 380V

T3000-20-W0

> High Volume 20"
  Tilt-back Tyre Changer
> Max wheel width 13"
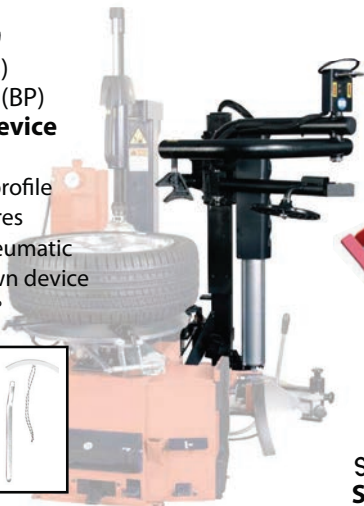> 220V or 380V

MOUNT HELP OPTIONAL

JohnBean
MH320-W0 (JB)
MH300BP-W0 (BP)
Mount Help Device

> Air operated
> Use with low profile and run flat tyres
> Integrated pneumatic bead hold down device that turns 360°

*ST4030564
Plus Kit:
Mounting & Demounting

BRACKETS attached to Roll Cart (tools not included)

Bracket - Air Hose
Bracket - Brake Pedal Depressor
Bracket - Wheel Spanner

SET.WBKRBC3WW-S4 (44pc)
S1 (25pc), **S2** (33pc), **S3** (38pc)
> Wheel Bay Tool Set in Roll Cart
KRBC3T3WWB3-W0
> Roll Cart with Wheel Weight Tray

OEM Trusted Equipment

- Audi
- Bentley
- BMW
- Bugatti
- Chevrolet
- Chrysler
- Dacia
- Dodge
- GMC
- Hyundai
- Jeep
- Kia
- Lamborghini
- Mazda
- Mercedes-Benz
- Mini
- Opel
- Porsche
- Renault
- Smart
- Tesla
- Volkswagen
- Volvo

Snap-on Equipment

PRODUCT LEAFLET
5

Helpline: 0861 762 763
www.johnbean.co.za

Alignment Tools & Equipment

Electronic Inclinometer ROMESS
ROM-09606-10-WO

With this instrument the Mercedes-Benz vehicle level is registered via the position of the transverse links respectively the axle drive shafts or areas of support in the degree of angle.
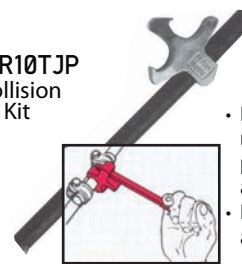
> Determine angular value's (in degree decimal)
> Allocate wheel camber - caster and toe reference variable
> Receives the angular deviation with regards to horizon, e.g. aligning or verifying of a wheel alignment stage
> Optional Docking Station (ROM-09630-10)

Blue-Point
BLPPR10TJP
10T Collision Repair Kit

SPC7023
Tie Rod Tool
• Four position feature and 360° rotation lets you grip the sleeve properly, even with limited access
• Fits most size passenger cars and light trucks

MOD.776WH45S
Alignment Utility Set

WIL13502   Pipe Wrench 250mm
IR980-5B-1   5m Tape Measure
ECFLED6H0AA   LED Light

SPC81139
Magnetic Adjustable Camber Gauge

Diagnostics

Snap-on
ETHOS Edge
EESC332SA-WO
• Full-function Diagnostic Scan Tool including codes, live data graphing, functional tests, service light resets, relearns and adaptations
• Coverage for up to 100 systems including the latest technology: TPMS, hybrid power, collision avoidance & steering angle sensor

Fitment Centre Special Functions: Brake Bleeding, Steering Angle Sensor Reset, Battery Relearn and Service Light Reset, Tyre Pressure Monitoring Systems

DIAGNOSTIC TRAINING VIDEOS

▶ www.johnbean.co.za/fitment-centre-functions

Aircon Service Units

Sun
EEACEU131A **(R134a)**
EEACEU132A **(HFO1234yf)**
• Fully Automatic / Manual
• On Board Printer
• Comprehensive vehicle database, with manual input for new vehicles
• Vacuum or Nitrogen Leak Check
• Automatic Dye Injection

Blue-Point
BLPAC200A **(R134a)**
• Automatic / Manual
• On Board Printer
• Vacuum Leak Check
• No Dye Function

Wheel Removal

SIOUX
5000A
Impact Wrench
5000A-REV-WO
(Reverse Only)
Impact Wrench
½"
Loosen Only Avoides over-tightening of lug nuts

CT9050U1-WO
18V MonsterLithium™ Brushless Cordless Impact Wrench Kit
Breakaway: 1,355 Nm
Max Torque: 1,085 Nm
Weight: 2.9kg
1x Battery (CTB185)
1x Charger (CTCEU131A)
½"

CT9035U1-WO
18V MonsterLithium™ Brushless Compact Cordless Impact Wrench Kit
Breakaway: 712 Nm
Max Torque: 370 Nm
Weight: 1.9kg
1x Battery (CTB185)
1x Charger (CTCEU131A)
½"

SN24C
Breaker Bar 600mm
½"

GSN18B
Breaker Bar 450mm
½"

BP SUPPLEMENTAL PRODUCT
BJKKT-340
T-Bone Tyre Repair Kit
40 Repairs

BLPPSJ3T
3 Tonne Trolley Jack

Spiral Flute (6 & 12 Flip)
LSR2500PLUS ½"
Damaged Lug Nut & Wheel Lock Removal Flip Twist Socket Set 3pc
LSR2501 19mm
LSR2502 7/8"
LSR2503 17mm
Blue-Point

LSRM2000 **Blue-Point** ½"
Lug Nut Flip Socket Set 3pc
LSR1000EXT Extension 75mm
LSR1450   17 & 19mm
LSR1580   21 & 22mm

KDT84946
Rim Protector Lug Nut Impact Socket Set
½"

Blue-Point
AT240
Tyre Buffer

Wheel Installation

IR070441-ON-WO ½"
Tighten only
Torque Wrench
40 - 200Nm
iRiMO

Tighten Only Prevents use as power bar

BAHCO
B-BWXW3
Wheel Spanner
17x19x21x22mm

Alignment Bay Tool Set

Snap-on Blue

Sets in 3 Drawer Top Chest

Set Part #s
SET.ALB2003E1-S1 *(64pc)*
SET.ALB2003E1-S2 *(79pc)*
SET.ALB2003E1-S3 *(98pc)*

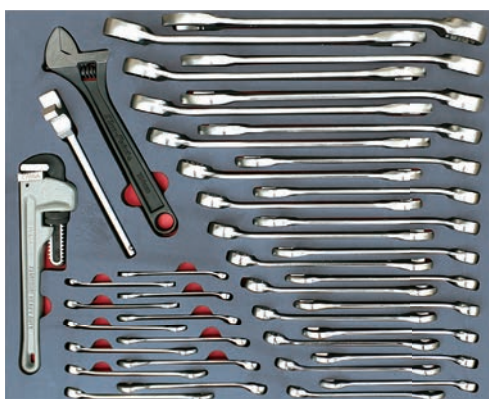KRB2003KZE1N (Top Chest Only)

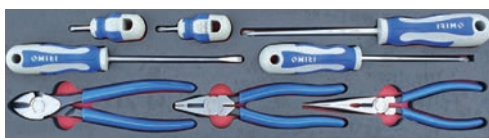**Sets in 6 Drawer Roll Cabinet**

Set Part #s
SET.ALB2006E1-S1 *(64pc)*
SET.ALB2006E1-S2 *(79pc)*
SET.ALB2006E1-S3 *(98pc)*
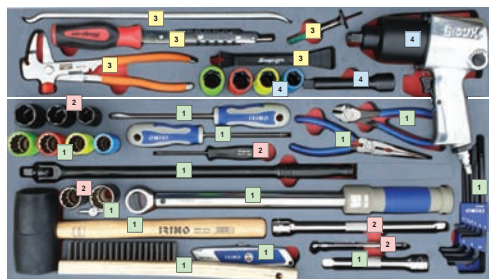
KRB2006KZE1N (Roll Cab Only)

MOD.265
MOD.165
MOD.166
MOD.167

Part No	Description	S1	S2	S3
2003KZE1N OR 2006KZE1N	3 Drawer Top Chest Textured Red No Trim / 6 Drawer Roll Cabinet Textured Red No Trim	■	■	■
MOD.265BH45F-AL1	Single Spanner Set 8-32mm (excl. 20,23,25,26,28,31) & Pipe Wrench - 20pc	■		
MOD.265BH45F-AL2	MOD.265BH45F-AL1 plus: Adjustable Spanner (250mm) & Tie Rod Tool - 22pc		■	
MOD.265BH45F	Double Spanner Set plus: Pipe Wrench, Adj. Spanner and Tie Rod Tool - 41pc			■
MOD.165BH45S	Screwdriver Set 5pc & Plier Set - 3pc	■	■	■
MOD.166BH45S-AL1	Hammer, Prybar, Safety Glasses, Rechargeable Light & 5m Tape Measure - 5pc	■		
MOD.166BH45S	MOD.166BH45S-AL1 plus: Bronze Punch & Tyre Pressure Gauge - 7pc		■	■
MOD.167BH45S-AL1	1/2" Power Bar 450mm, Impact Extension 125mm, Universal Joint, 10pc 1/2" 6pt Sh Imp Skt Set (10-24mm), 9pc Hex Ball Allen key Set 1.5-10mm, 9pc Torx Set T10-T50 - 31pc	■		
MOD.167BH45S	MOD.167BH45S-AL1 plus: 1/2" Ratchet, 6pc 1/2" External Torx Skt Set (E12 - E24), 4pc 1/2" Torx Bit Driver (T30 - T50) - 42pc		■	■

Wheel Bay Tool Set

MOD.168
MOD.169

BRACKETS attached to Roll Cart (tools not included)

Bracket - Air Hose
Bracket - Brake Pedal Depressor
Bracket - Wheel Spanners

All Wheel Bay Tool Sets include Wheel Spanner B-BWXW3

SET.WBKRBC3WW-S1 *(25pc)*
SET.WBKRBC3WW-S2 *(33pc)*
SET.WBKRBC3WW-S3 *(38pc)*
SET.WBKRBC3WW-S4 *(44pc)*

Snap-on Blue
Sets in Wheel Weight Cart

KRBC3T3WWB3-W0 (Roll Cart Only)

Part No	Description	S1	S2	S3	S4
KRBCTWWB3-W0	Wheel Weight Cart	■	■	■	■
B-BWXW3	Wheel Spanner - 1pc	■	■	■	■
MOD.169BC37L-S1	Wheel Bay Set — Torque Wrench (tighten only), Extension 150mm, Power Bar 450mm,1/2" Dp 12pt Skt Set 17,19,21 & 22mm, Flat Tip S/Driver 1.2x6.5x150, PH S/Driver 2x125, 9pc Hex Ball Allen Key Set 1.5-10mm, Utility Knife, Side Cutter 150mm, Long Nose Pliers 200mm, Valve/Core Stem Tool, Rubber Mallet, Wire Brush - 24pc	■			
MOD.169BC37L	MOD.169BC37L-S1, Plus: Lug Nut Twist Removal Set 17mm,19mm, 7/8", Tyre Valve Tool, Tyre Pressure Gauge, 1/2 Dp Skt 24 & 27mm, Ext 250mm - 32pc		■	■	■
MOD.168BC17S-S3	Wheel Bay Add-on Set — Wheel Weight Pliers, Non-Marring Pry Tool, Tyre Lever 380mm, Valve Stem Inserter, Tread Depth Gauge - 5pc			■	■
MOD.168BC17S	MOD.168BC17S-S3, Plus: 1/2 Impact Wrench (reverse only), 1/2 Extension Imp 125mm Pin, 1/2 Deep Imp Skt Set 17,19,21 & 22mm with Sleeve - 11pc				■

Wheel Bay Tool Set - Portable

SET.WBB-4750PTB50-S0 *(23pc)*
Wire Brush, Wheel Spanner, Long Nose Pliers, Extension 150mm, Valve Core/Stem Tool, Deep 12pt Skt Set 17,19,21,22mm, Flat Tip S/Driver 1.2x6.5x150, Ph S/Driver 2x125, Power Bar 450mm, 9pc Hex Ball Allen Key Set 1.5-10mm, Utility Knife, Side Cutter in Composite Tool Box

Snap-on Blue

S1 only

SET.WBB-4750PTB50-S1 *(25pc)*
SET.WBB-4750PTB50-S0 Plus:
1/2" Torque Wrench (tighten only) & Rubber Mallet

Truck Wheel Aligners

V6200 (Fixed, Mobile or Portable)
Wheel Alignment for Trucks & Buses - PC Linked

JohnBean

JBV3DV6200-F-W0
Fixed Cabinet Version

JBV3DV6200M-C3T-W0
Mobile Roll Cart Version

JBV3DV6200M-HIM-W0
Portable Case Version

Detachable

Optional:
HIM250V6200-W0
Case - Foam Insert

KHD-30 (Portable)
Laser Measurement System (No PC Link)

KOCH

> Lifting of the vehicle is not necessary - axle in driving condition
> Easy mounting measuring heads
> Featured with the new inclinometer for the measurement of camber, castor and KPI
> 360 turnable laser head with battery
> Optional Trailer Kit KAL-30

Swivel-mounted measuring arms
Easy to use quick measurement of single toe, camber, castor, KPI of axles, centre position of steering gear

> Fixed - Position (Detachable) or Mobile Scales
> PC or Laptop Included

STANDARD UNIT FOR UP TO THREE AXLES

Truck & Bus Aircon

EEACEU118C (R134a)

> Fully Automatic Aircon Station
> Vacuum or Nitrogen Leak Check
> Refrigerant Capacity - 40L
> Additional Gas Pump for Large Capacity Recharge

JohnBean

Truck Tyre Changers	T8056	T8058
Rim Diamter Max	14"-32"	14"-58"
Optional: Rim Adaptor	14"-56"	—
Wheel Diameter Max	2350 mm	2500 mm
Wheel Weight Max	1500 Kg	1500 Kg
Tyre Width Max	1100 mm	2500 mm
Bead Breaker Disc Force	33kN	38kN
Electro-hydraulic Drive	■	■
Mobile Control Unit	■	■
Power 380V 3PH	■	■

Optional Adaptors
ST4024715

*T8058B-3PH-W0

T8056-3PH-W0

Truck Diagnostics

Suл **jaltest**

Interactive Wiring Diagrams

Optional Rugged Note Book

Motorised Truck Wheel Balancer

JohnBean

B9260-W0

> Automatic input of distance and diameter (2D SAPE)
> Pneumatic wheel lift
> 5 alloy modes and Spoke
> Electronic friction brake for braking after measurement
> Virtual Plane Imaging (VPI)

Rim diameter
8-26 inch
Max. wheel width
650 mm
Max. wheel diameter
1300 mm
Max. wheel weight
250 kg