

# INTEGRITY TEST DRIVE

Modular Vehicle  
Inspection System



Quickly inspect more  
vehicles, sell additional  
services and get more  
vehicles through the shop



# JohnBean™

# **INTEGRITY TEST DRIVE PERFORMS A VEHICLE INSPECTION IN MINUTES**



## **V3450 ALIGNMENT AUDIT SYSTEM**

- **Wireless design eliminates connections and eases mobility**
- **Provides an alignment audit in under sixty seconds**
- **Detects worn suspension components to prevent premature tire wear**
- **A printed summary of alignment measurements indicates the need for adjustments against manufacturer specification**

## **DYNAMIC BRAKE AUDIT**

- **Brake performance check in less than one minute**
- **Checks brake clamping force, brake generated pulls and brake bias**
- **Checks for runout and pulsation, wheel drag on start up**



## The Integrity Test Drive by John Bean performs a vehicle inspection in a matter of minutes, generating comprehensive, easy-to-understand reports of needed service

The modular Integrity Test Drive quickly conducts multiple inspections of the vehicle including alignment, battery, brake efficiency, brake pad thickness, diagnostic codes and generates color coded reports that highlight the results of each inspection.

- Modular components can be configured to your shop's needs
- Customer oriented condition reports ease the sale of additional services



### V3450 ALIGNMENT AUDIT SYSTEM

Provides camber, toe, cross diagonal\* and rolling radius\* in under sixty seconds. Empowers the service advisor with a printed summary of alignment measurements indicating manufacturer specifications

### DYNAMIC BRAKE AUDIT

Checks brake clamping force, brake generated pulls, brake bias, runout and pulsation (pedal vibration), wheel drag on start up and ABS/TCS/ESC wheel speed sensors

### OBD-II CODE SCANNING

Simple code reading combined with a two-channel, high-speed lab scope and a digital graphing meter to deliver 20 megasamples/second/channel and 3MHz bandwidth for accurate testing of high-speed signals used in the latest automotive technology

### BATTERY TESTER

Measures and records battery capacity and remaining life expectancy

### VISUAL INSPECTIONS

The LED lit borescope allows you to quickly check and document brake pad thickness and rotor scoring without removing the wheels. Easy inspection of CV joint boots, accessory belts and other hard to reach locations without having to remove covers and other objects

### REPORTING

Complete documentation to share with your customers

# PRODUCT FEATURES & SPECIFICATIONS

## FEATURES

### V3450 Alignment Audit System

- Wireless / High Mobility
- Track width
- Front and rear toe
- Camber
- Cross diagonal\*
- Rolling radius\*
- No lift required
- VIN reader
- Wheelbase dimensions

### OBD-II Scan Tool

- Over 12,400 trouble codes
- Simple code reading
- Lithium-ion battery
- Built-in 2 megapixel camera
- Keyless adapter for OBD-II
- Touch screen operation
- High-speed 2-channel scope and graphing meter
- Class 1 Bluetooth® wireless technology

### Visual Inspection

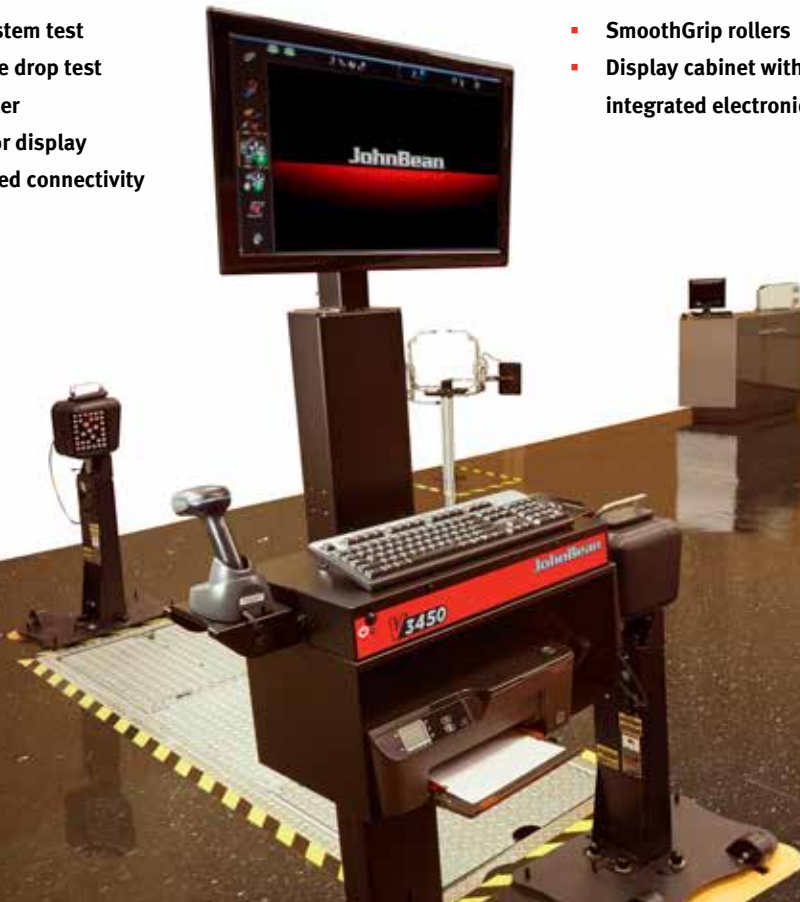
- LED lit
- Digital video recording
- Digital still image capturing
- External SDHC card slot
- Lithium-ion battery
- 2x digital zoom
- Audio input jack
- Mini USB port
- Integrated stand and hanger

### Battery Tester

- Charging system test
- Cable voltage drop test
- Built-in printer
- 3.5" full color display
- USB & Infrared connectivity

### Dynamic Brake Audit

- SmoothGrip rollers
- Display cabinet with integrated electronic unit



## SPECIFICATIONS

### V3450 Alignment Audit System

- Tire diameter: 19" - 39" (48.3cm - 99.1cm)
- Track width: 48" - 96" (122cm - 244cm)
- Wheel base: 79" - 180" (201cm - 483cm)
- Shipping weight: 300 lbs (136kg)
- Power requirements: 120/230V, 1Ph, 60Hz

### Dynamic Brake Audit

- Max. axle weight: 3 Tons
- Roller length: 28" (71cm)
- Roller diameter: 9" (23cm)
- Minimum test width: 32" (81cm)
- Maximum test width: 87" (221cm)
- Shipping weight: 1140 lbs (517kg)
- Roller set dimensions (DxWxH): 26" x 91" x 10" (66cm x 231cm x 25cm)
- Display cabinet dimensions (DxWxH): 24" x 32" x 8" (61cm x 81cm x 20cm)
- Power requirements: 230V, 3Ph, 50/60Hz, 35 AMP

\*Patented and/or Patent Pending Features

John Bean is committed to product innovation and improvement. Therefore, specifications listed in this brochure may change without notice. © 2014 Snap-on Incorporated. John Bean is a trademark, registered in the United States and other countries, of Snap-on Incorporated. All rights reserved. All other marks are marks of their respective holders.

09/14 SS3268F

For more information regarding the Integrity Test Drive  
Call 800.362.4618 (US)

[www.johnbean.com](http://www.johnbean.com)

**JohnBean**™