

Hunter Quick Check™ System

Three-Minute Inspection Process

NEW!



HUNTER
Engineering Company

Quick Check™ inspection process identifies repair

Stopping Check



- ✓ Wheels tested individually
- ✓ Tests brake force at each wheel and overall vehicle deceleration



Emissions Check



Hunter's CodeLink tool retrieves important vehicle information and VIN directly from the OBD-II.

- ✓ Retrieves emission codes
- ✓ Wirelessly transfers important vehicle information to console

Battery Health



- ✓ Tests battery to OEM specs
- ✓ Sends results to console wirelessly in 10 seconds

Tire Pressure



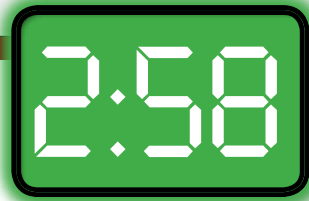
- ✓ Automatically adjusts air pressure to user-entered OEM spec
- ✓ Records before and after pressures

Tire Health



- ✓ Quick and easy tire
- ✓ Conditions transm console automatic

opportunities in



HUNTER Engineering Company
 11250 Hunter Drive
 Bridgeton, MO 63044
 Tel: 314-731-3020

Welcome to Hunter Engineering Co. M-F: 8:15 am - 5:00 pm
 Sa: Closed
 Su: Closed
 Alex Nicholas, Service Manager

Complimentary Vehicle Inspection
 1/17/14 9:00 AM

KIA 2014 Optima
 Odometer 25,141

Four Wheel Alignment **FAILED**

- Front Total Toe
- Rear Total Toe
- Front Camber
- Rear Camber

Recommend an All Wheel Alignment for Added Tire Life, Fuel Economy and Safety

Stopping Check **FAILED**

- Front-to-Rear Brake Balance
- Front Axle Left-to-Right
- Rear Axle Left-to-Right

Recommend a Brake Inspection for Thickness Verification

Emissions Check **PASSED**

- Check Engine Light - OFF
- 0 Trouble Codes are present

No Additional Service Needed

Tire Health **PASSED**

- Left Front 50% 33psi
- Right Front 50% 33psi
- Left Rear 50% 33psi
- Right Rear 50% 33psi

Recommend a Tire Rotation for Even Tire Wear

Battery Health **PASSED**

State of Health

Measured: 515 CCA Voltage: 12.5 V
 OEM Ref.: 500 CCA

Good Battery



Wheel Alignment



- ✓ Fast verification of alignment need
- ✓ Boost traffic to most profitable undercar service



wear check
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 ally

Wheel Alignment



Hunter's patented alignment check system is the quickest way to measure alignment angles that affect tire life. The test takes less than a minute to produce total toe and camber measurements for both axles. Results are displayed on the customer printout in easy-to-understand, color-coded graphics.



- ✓ Check every vehicle that enters shop
- ✓ Fastest way to check tire wear angles
- ✓ Doesn't tie up alignment bay
- ✓ Available in several configurations to accommodate shop needs
- ✓ Gain more repair authorizations with clear, informative printouts

Drive-thru configuration

Wheel alignment check features proven HawkEye Elite® technology

PATENTED



- ✓ Fast setups
- ✓ Adjusts easily to various wheel sizes
- ✓ No metal-to-metal contact
- ✓ No knob twisting
- ✓ Lightweight
- ✓ Durable
- ✓ Low-maintenance

QuickGrip™ adaptors

PATENTED



- ✓ High-resolution cameras
- ✓ Dedicated camera for each wheel
- ✓ Pinpoint accuracy
- ✓ Compensate sensors and capture measurements with one forward roll

HawkEye Elite® cameras

Choose from several configurations to best fit your shop




Drive-under configuration





Mobile, multi-bay configuration

Alignment results your customers will see...



 **Four Wheel Alignment** **FAILED**

- Front Total Toe 
- Rear Total Toe
- Front Camber
- Rear Camber 

Recommend an All Wheel Alignment for Added Tire Life, Fuel Economy and Safety

Did you know?

Approximately 60% of vehicles are out of alignment

Alignment test printout shows pass/fail results for:

- Front and rear total toe
- Front and rear camber
- General alignment condition



Stopping Check



Hunter's brake performance tester provides a real-life evaluation of a vehicle's stopping capability in seconds! The brake tester measures the timing, force and balance of the brake system and presents results on an easy-to-understand printout.



Surface-mount system installs easily on virtually any flat surface*



Flush-mount installation is also available

The benefits of Hunter's brake performance test...

- ✓ Find more work, obtain more customer authorizations, increase service revenue!
- ✓ Much faster than visual inspection
- ✓ No need to lift the vehicle or remove wheels
- ✓ Measure vehicles using your state's standards or your own customized specifications
- ✓ Accurately measures vehicle as it performs on the road
- ✓ Easy-to-understand printouts help sell service
- ✓ Inflation Station integrated tire inflation system available as an option

*Brake performance tester requires a Quick Check console and a minimum of 7.62 m (25 feet) of bay space.

0:10



Inflation Station integrated tire inflation system

OPTIONAL



- ✓ Automatically inflate all four tires simultaneously
- ✓ Save time by eliminating repeated manual pressure checks
- ✓ Integrated inflation hoses located at each wheel position
- ✓ Corrected tire pressures recorded on customer's printout

Brake test results your customers will see...



Stopping Check **FAILED**

Front-to-Rear
Brake Balance

Front Axle
Left-to-Right

Rear Axle
Left-to-Right

Recommend a Brake Inspection
for Thickness Verification



Did you know?

Approximately 12% of vehicles tested will show braking failure at one or more wheels

Brake test printout shows pass/fail results for:

- Front-to-rear brake balance
- Side-to-side brake balance on front and rear axles
- Overall brake system performance

Battery Health*



Hunter's battery health test measures a battery's ability to carry electric current in about 20 seconds! The battery test uses patented technology from Midtronics, the industry leader in battery management, to give a quick, accurate evaluation of battery performance.



Hunter's battery test tool transmits results to the console wirelessly to be displayed on the customer printout

The benefits of Hunter's battery health test...

- ✓ Simple operation – just clip to the battery
- ✓ Results automatically sent to the console
- ✓ Tester always connects under the hood, including vehicles with batteries in remote locations
- ✓ Uses low-current test signal to prevent possible damage to sensitive electronic components
- ✓ Involves the least intrusive method of testing – no need to open battery
- ✓ Easy-to-read printout alerts your customer of potential battery failure

0:20

About Midtronics



Advancing Battery Management


Midtronics is a worldwide leader and provider of vehicle battery testing and management products and services. Founded in 1984, Midtronics remains singularly focused on battery management innovation. The company continues advancing the standard in its industry, supplying customers with custom battery management solutions that meet evolving needs, including those related to hybrid, electric and other new vehicle systems.


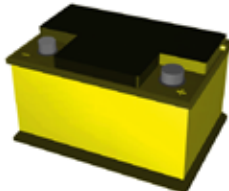


Midtronics battery testing technology integrates seamlessly with Hunter's Quick Check™ system to measure, record and display battery test results

Battery test results your customers will see...



 **Battery Health** TEST

 State of Health 

Measured: 616 CCA Voltage: 11.9 V
OEM Ref.: 550 CCA

Recommend Complete Battery Charging/
Starting System Evaluation

Did you know?

Over 10% of vehicles have a battery-related issue

Battery test printout shows pass/fail results for:

- Measured cold-cranking amps (CCA)
- OEM cold-cranking amps
- Voltage
- General battery performance

Emissions Check




Hunter's CodeLink® for Quick Check™ connects directly to a vehicle OBD-II port to retrieve important information concerning emission control components and vehicle identification number (VIN) in approximately 10 seconds.





- ✓ Automatically retrieves VIN
- ✓ Detects check engine light status
- ✓ Retrieves diagnostic trouble codes
- ✓ Checks emission monitor status
- ✓ Allows for entry of mileage and tire pressure specs into the system
- ✓ Wireless communication with console
- ✓ Compatible with all OBD-II vehicles (1996 or newer)

Emission results your customers will see...



 **Emissions Check** **FAILED**

Check Engine Light - ON 

1 Trouble Code is present 

Recommend Advanced Diagnostic for Detailed Proposal

Did you know?

Approximately 10% of vehicles have a check engine light on

CodeLink printout shows pass/fail results for:

- Check engine light status
- Legislative trouble codes present
- General diagnostic system review

Tire Health



In about 30 seconds, Hunter's patented tread depth gauge provides a quick and easy assessment of tire conditions. Tread depth results are automatically sent to the console and graphically shown on the customer printout.



- ✓ Choose a 1- or 3-point reading per tire
- ✓ Wireless communication with console
- ✓ Measurements displayed on screen as collected
- ✓ Easy-to-understand printout displays need for replacement
- ✓ No need to manually interpret each reading
- ✓ No need to write down each reading

Tread depth results your customers will see...



Tire Health

FAILED

<p>✓ Left Front 23%</p> <p>33psi</p>	<p>✗ Right Front 14%</p> <p>33psi</p>
<p>✓ Left Rear 23%</p> <p>33psi</p>	<p>✗ Right Rear 14%</p> <p>33psi</p>

Recommend a Tire Replacement for Safety

Did you know?

Over 20% of vehicles have one or more tires in need of replacement

- Tread depth printout shows pass/fail results for:
- Percentage of tread depth remaining
 - Graphic showing tread depth measured
 - Tire pressure* (psi, bar, kpa)
 - General condition of tires

Tread depth test requires a Quick Check console.

*With optional Inflation Station.

Customer Printouts

Simplified results for easy communication



Communicate with your customer using:

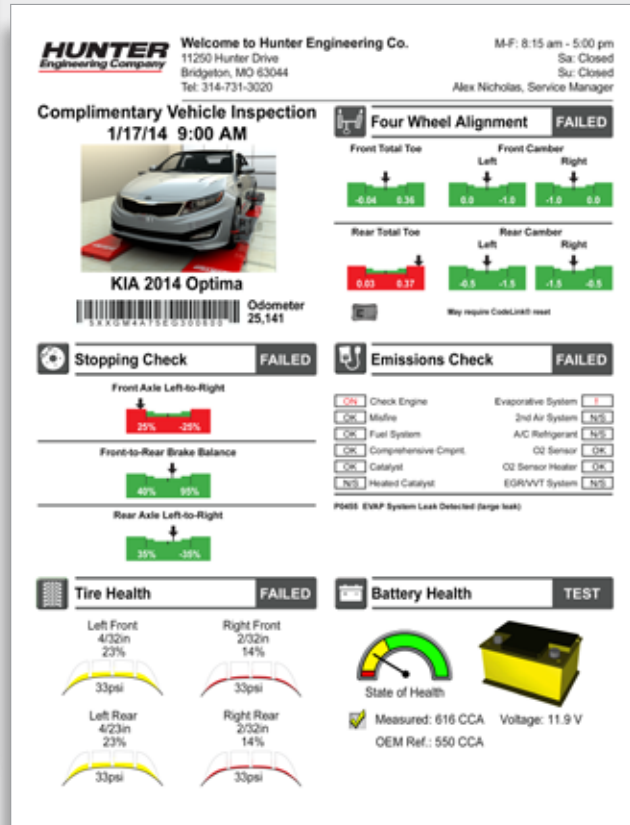
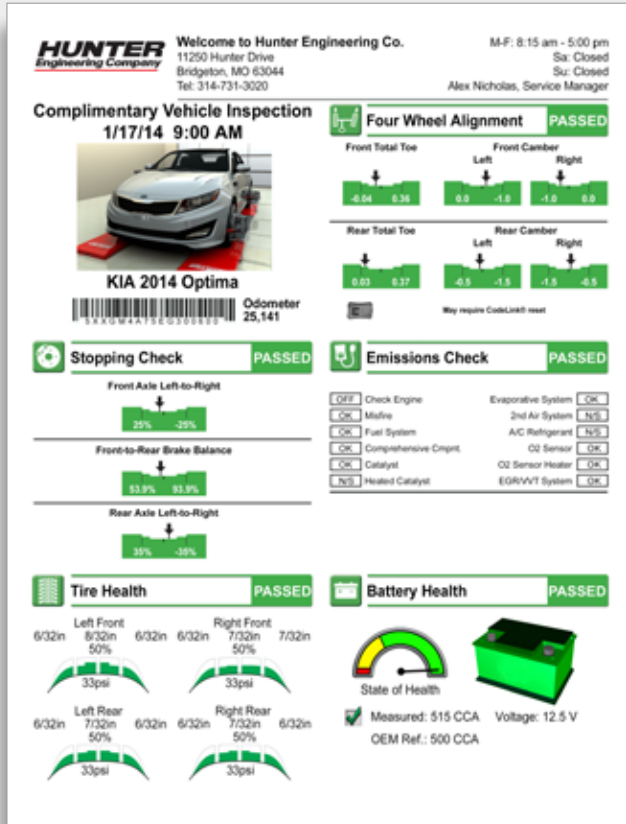
- ✓ Easy to understand graphics
- ✓ Segmented results
- ✓ Photo of customer's vehicle*
- ✓ Itemized inspection detail
- ✓ Results-based suggestions



*Requires webcam, sold separately.

Technician Printouts

Comprehensive results to assist repairs



Details that matter to a tech:

- ✓ Measurement details
- ✓ Alignment adjustment icons
- ✓ Legislative codes and descriptions
- ✓ Brake balance
- ✓ Need for electronic steering system reset
- ✓ Before tire pressure measurements
- ✓ Detailed tread depth measurements

Customize your multi-point inspection on reverse side



HUNTER
Engineering Company

Welcome to Hunter Engineering Co.
11250 Hunter Drive
Bridgeton, MO 63044-2306
Tel: 800-448-6848

M-F: 8:15 a

Alex Nicholas, Service Manager

Customer Contact

Name Mary Smith

Address 1234 Any Street
Anytown, USA

Best Phone 555-1234

Email msmith@email.com

Customer Interview

60K SERVICE

Underhood Check

	OK	S	R	Notes
Coolant	✓			
Coolant Hoses	✓			
Belts (x-Timing Belt)	✓			
Transmission Fluid	✓			
Engine Oil	✓			
Engine Air Filter	✓			
Cabin Air Filter	✓			
Brake Fluid	✓			
Clutch Fluid (M/T)	✓			
Washer Fluid	✓			
Battery	✓			
Battery Hold Down	✓			
Battery Box	✓			
Battery Cables / Ends	✓			
Power Steering Fluid	✓			
Add your own, etc.	✓			

Exterior

	OK	S	R	Notes
Headlights	✓			
Parking Lights	✓			
Turn Signals	✓			
Brake Lights	✓			
License Plate Lights	✓			
Wiper Blades	✓			

Tires (additional)

	OK	S	R	Notes
Left Front Damage	✓			
Right Front Damage	✓			
Left Rear Damage	✓			
Right Rear Damage	✓			
Spare Tire Damage	✓			
Spare Tire Inflation	✓			

	OK	S	R	Notes
Headlights	✓			
Parking Lights	✓			
Turn Signals	✓			
Brake Lights	✓			
License Plate Lights	✓			
Wiper Blades	✓			

Left rear ✓

Thank you for visiting

Please drive safely

The benefits of the Maintenance Check List...

- ✓ Pre-print your customized checklist on the reverse side of a Quick Check™ printout
- ✓ Set up inspection categories to meet your shop's needs

Choose the right configurations for your shop!



WQ330DUE

Drive-under configuration



WQ330CSE

Mobile, multi-bay configuration



WQ330DTE

Drive-thru configuration

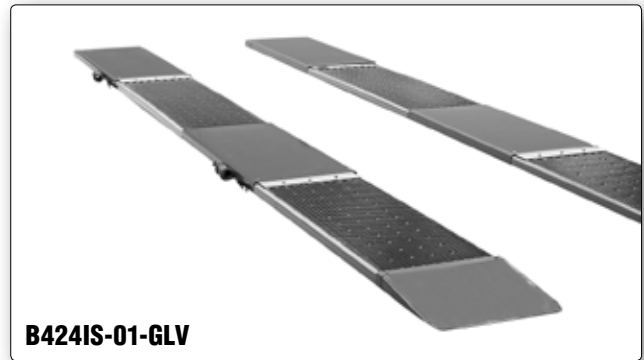


B424IS-01-PNT

Brake plates with inflation station

B424-01-PNT

Brake plates without inflation station



B424IS-01-GLV

Galvanized brake plates with inflation station

B424-01-GLV

Galvanized brake plates without inflation station

Additional accessories



20-2785-1
Codelink 2 with
wireless pod



20-2782-1
Tread depth tool
(wireless pod sold separately)



20-2072-1
XF2 Pod Kit



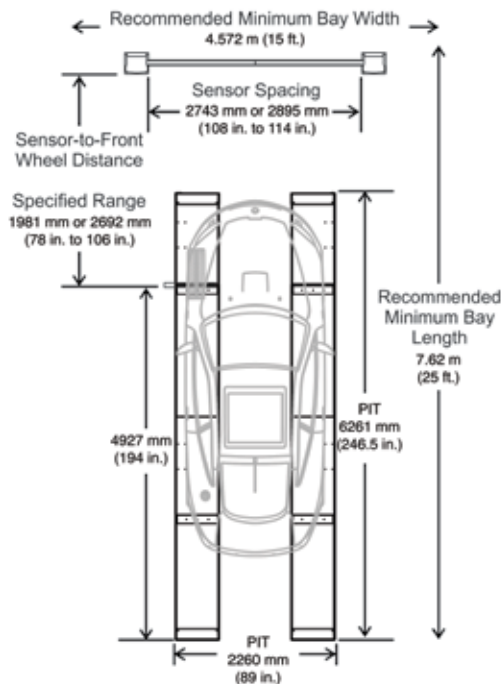
20-2781-3
Battery health tester*

* Battery Health tester is scheduled for future release.

Configurations for every shop – dozens of installation possibilities



Sample system



Quick Check System Inspection Area Requirement

The Quick Check System is placed in front of the vehicle inspection area. A distance between 1981 to 2692 mm (78 to 106 in.) is needed for the sensor towers and the typical distance to the front wheels.

A pit of 2209 mm (87 in.) in width, 6223 mm (245 in.) in length and 67 mm (2.64 in.) in depth is required for flush installation.

Wheelbase Limitations for Brake Plates

Wheelbase is limited to a maximum 4191 mm (165 in.) and a minimum of 2311 mm (91 in.).

No Track Width Limitations



**Site Requirement
book available**

HUNTER
Engineering Company

www.hunter.com

**Please see your Hunter Sales
Representative for details**

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