

RH™ SERIES



THE INTERNATIONAL® RH™ SERIES.



THE INTERNATIONAL[®] RH[™] SERIES.

The International RH Series is built to redefine the rules for productivity in local and regional haul applications. It's designed based on the feedback of hundreds of hard-working drivers as part of our DriverFirst[™] philosophy, with a tight turning radius and the superior visibility needed to maneuver in tight spaces. It features an ergonomically advanced interior and instrument panel to enhance driver productivity and control. The RH Series is powered by the International A26, a 12.4L engine designed to deliver optimal uptime as well as class-leading fuel efficiency, reduced weight and quiet operation. The RH Series from International - the truck you need when you need optimal maneuverability for your deliveries, and optimal productivity for your business.





**A DRIVER'S TRUCK THAT
DELIVERS WHERE YOU NEED IT MOST.**



RH™ SERIES CONFIGURATIONS TO DELIVER FOR YOUR BUSINESS.



56" Hi-Rise Sleeper*

56" Hi-Rise Sleeper with Roof Fairing

Day Cab with Roof Fairing

* Shown with optional sun visor



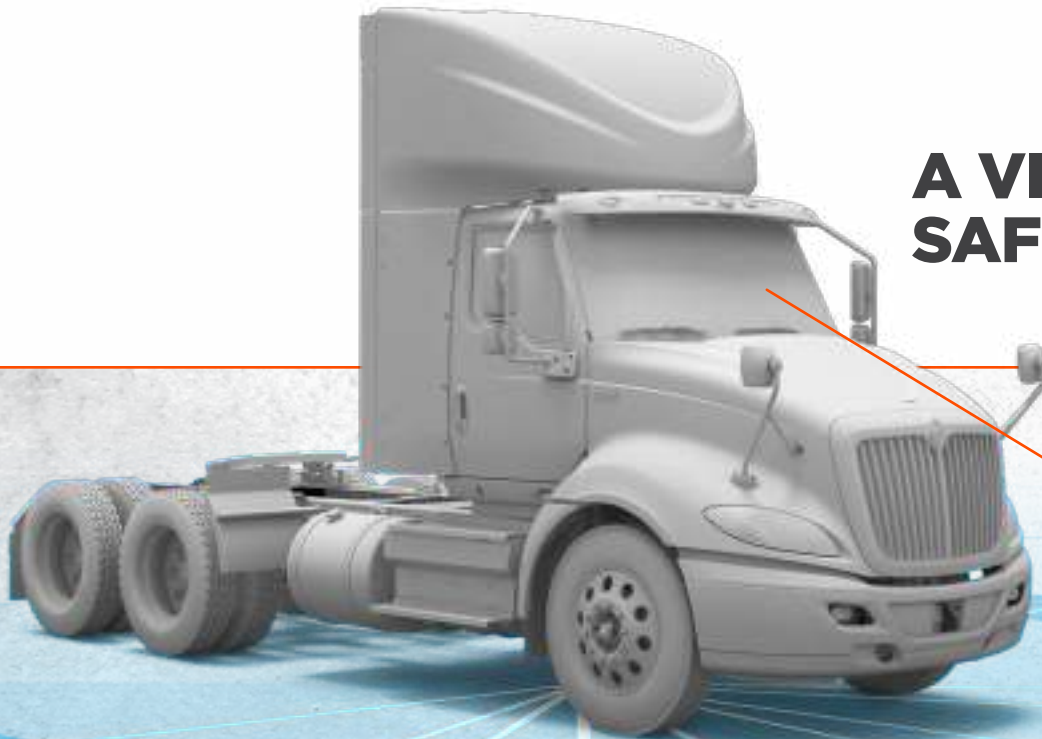
Day Cab

56" Low Roof Sleeper*

The RH™ Series began with a vision to build an incredibly productive, efficient truck that's as dependable as the people who drive them. Every aspect of the RH Series design is optimized around a driver's needs, with maneuverability, efficiency, serviceability and reliability that are among the best in the industry. And the RH Series is available in a range of configurations, so you can spec an ideal match for your specific business needs.



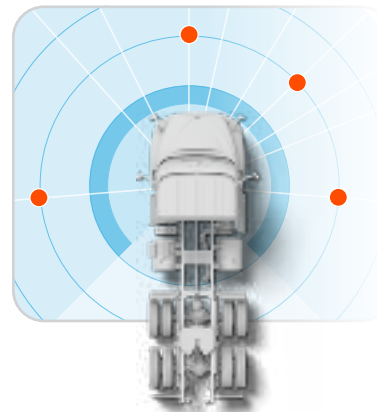
A VISIBLE DIFFERENCE IN SAFETY AND PRODUCTIVITY.



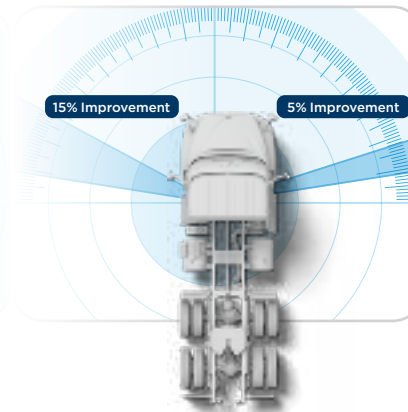
Forward visibility is among the industry's best at as little as 21'. This means objects closer to the vehicle are more visible to the driver, improving safety.

The RH™ Series interior was designed based on a meticulous study of interaction points between the driver and truck – everything from what a driver sees to how he moves and reacts in virtually any situation. That's why the RH Series has been designed with a large swept-back windshield, optimized mirror placement and an aerodynamic sloped hood for a clearer view.

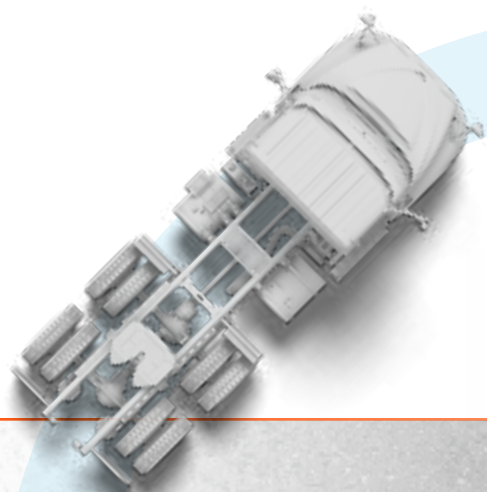
Direct Visibility



Indirect Visibility



The shaded areas represent how indirect visibility has been optimized by reshaping the doors and side windows, and repositioning the cab mirrors so drivers turn their heads 15% less on the driver side and 5% less on the passenger side. This increased visibility reduces driver stress and neck strain to enhance productivity.



50°
Inside Cut
27' 10"
Curb to Curb

OUTSTANDING MANEUVERABILITY

You need optimal maneuverability to navigate through tight city streets or cramped loading docks. The RH Series is engineered to provide an inside wheel cut of up to 50° which delivers a curb-to-curb turning radius of only 27' 10", saving driver time and boosting productivity.*



TURNING RADIUS

*With a 152" cab to axle (wheelbase is 215")



KEEPING YOU ON THE ROAD TO PROFITABILITY.

Uptime is more than a word in the RH™ Series – it's an unwavering commitment to deliver a truck that's as reliable and easy to service as the road is long.

- ▶ **Driver controls and instrumentation** are based on robust industry-standard SAE J1939 electrical architecture, with a premium gauge cluster and switches designed to keep drivers focused and maximize uptime.
- ▶ **Steering wheel control labels** are laser-etched for maximum readability and durability.
- ▶ **Key interior fasteners** are exposed for more intuitive access and easier servicing.
- ▶ The powerful **HVAC system** employs advanced automotive heating and cooling technology to deliver optimal comfort and reliability. The system endured rigorous testing in extreme temperatures to deliver best-in-class visibility and comfort.
- ▶ The **max defrost** feature in the HVAC system helps clear windows faster in colder climates, providing quicker, clearer visibility for increased uptime and less waiting.
- ▶ **Cab wiring** features a power distribution module that's located inside the cab, protected from the elements.
- ▶ The **single canister after-treatment system** is up to 60% smaller and 40% lighter than the system it replaces, with better heat management to help improve fuel economy and greater ash retention to stretch out time between service intervals. The system is also simplified for easier servicing.
- ▶ The **hood** opens wide for easy serviceability. It features torsion bar lift assist to enable lifting with one hand, and gas strut control to prevent the hood from closing too quickly.
- ▶ The easily removable **3-piece bumper** provides quick service access to front components.
- ▶ Standard **LED headlamps** last longer than traditional headlamps while delivering brighter light pattern and intensity.



In-cab electrical panel



Laser-etched steering wheel controls



Single canister after-treatment system





PUTTING THE DRIVER IN POSITION TO SUCCEED.

From the beginning, the top priority for the RH™ Series was to design a truck that made drivers more comfortable, alert and productive. To achieve this goal, we turned to the people who know driving best – drivers.

These professionals gave us honest, priceless input over numerous research sessions and driver clinics. Then we redesigned, fine-tuned and retested until drivers agreed, “this is the truck I’ve always wanted to drive.”

This DriverFirst™ philosophy is how the RH Series became the most driver-centric regional haul truck in its class – with more intuitive controls, enhanced visibility, a quieter cab, critical information at your fingertips and dozens of other smart features that help keep a driver performing at their best in local or regional applications.







DRIVERFIRST™ IN EVERY DETAIL.

Every detail inside the RH™ Series cab has been carefully designed, measured and clinic-tested to optimally benefit the driver. The gauges are optimized so key information and alerts are precisely where they need to be for clear viewing without distraction. The standard premium gauge cluster features a customizable digital display that allows drivers to intuitively select the information they prefer in a variety of situations.



The standard **premium gauge cluster** provides a wealth of information for the driver, including:

- ▶ Real-time fuel economy
- ▶ Axle load*
- ▶ Custom gauge settings*
- ▶ Safety indicators*
- ▶ Digital speedometer
- ▶ Tire pressure*



Intuitive controls allow you to easily navigate between digital screens.

Back Button - navigate to previous page/sub category and then to main home screen

Navigation Button - navigate up and down to move within categories, navigate left or right to access the main menu and to move from one category to another

OK/Reset Button - select a highlighted category or hold for 3 seconds to reset the item



* When added with optional feature code for required sensors.



Driver safety is always a priority. That's why the RH Series includes standard Bendix® Wingman® Fusion™ system with collision mitigation technology, adaptive cruise control, lane departure warning (pictured here), over-speed alert and stationary vehicle braking. You can also select from a number of proven stand-alone safety systems to meet your specific needs. Bendix Wingman Advanced™ and Wabco OnGuardACTIVE™ TM are also available.

The color, illumination, legibility and even the type font and size of gauges is designed to deliver optimal viewing in varying light conditions, maximizing alertness and minimizing eye fatigue.

EASIER SHIFTING



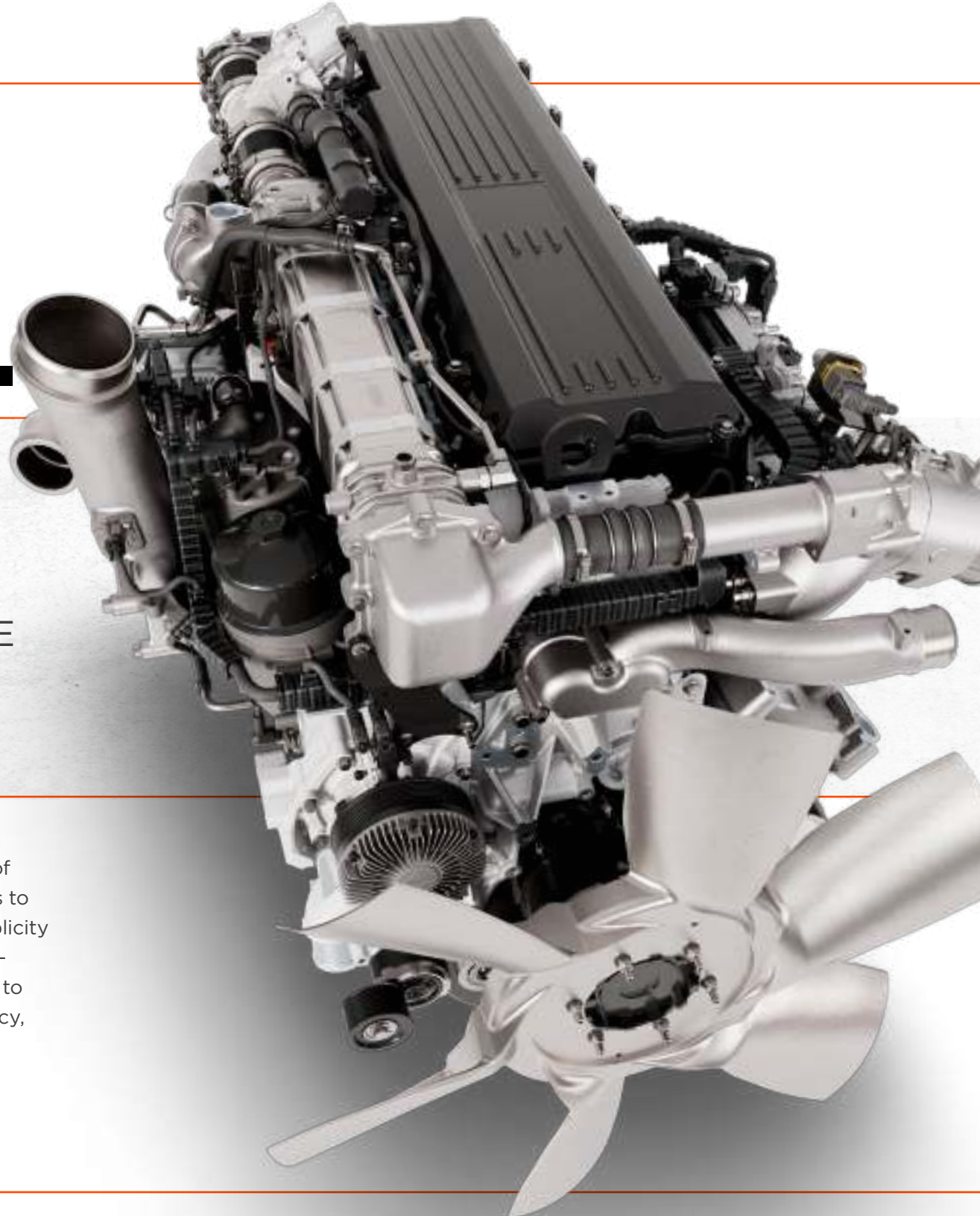
- ▶ The innovative stalk shifter is mounted on the steering column, allowing you to easily reach and smoothly operate shifting and engine braking while keeping your eyes on the road and your hands on the wheel.



LIGHTWEIGHT **KNOCKOUT.**

THE International® A26
IS PACKED WITH
LIGHTWEIGHT, HARD-
WORKING PERFORMANCE
FOR REGIONAL HAUL
APPLICATIONS.

The A26 produces up to 515 HP and 1850 lb.-ft. of torque, but its big-bore performance only begins to tell the full story of this engine. The modern simplicity of the A26 design does more than shed weight — every component has been carefully engineered to deliver uncompromising uptime and fuel efficiency, reduced weight and quieter operation.





Horsepower [BHP @ RPM]	400 - 515 @ 1700	410 @ 2100
Torque [LB-FT @ RPM]	1,450 - 1,850 @ 900	1,450 @ 900
Gov. Speed [RPM]	1,800	2,100

Engine Type	Diesel, 4-Cycle
Configuration	Inline 6-Cylinder
Displacement	12.4 L (758 cu. in.)
Bore & Stroke	4.96 in. & 6.54 in. (126 mm & 166 mm)
Compression Ratio	20.5:1
Aspiration	Variable Geometry Turbocharger
Combustion System	Direct Injection 2500 bar HPCR
Engine Lubrication	42 Quarts (40 L)
Total Engine Weight (Dry)	2,314 lbs. (1,050 kg)
Valves	4 Valves Per Cylinder, Single Overhead Camshaft
B10 Design Life	1,200,000 mi (1,931,000 km)

Best-In-Class Engine Warranty

Standard Engine Warranty	2 years, unlimited miles, unlimited hours
Optional Engine Warranties	Up to 6 years, 600,000 miles, unlimited hours
Optional Major Component Coverage	Up to 7 years, 700,000 miles, unlimited hours



INDUSTRY-BEST B10 DESIGN LIFE.

The A26 is the first engine in the industry to meet rigorous B10 design life standards for an unsurpassed 1,200,000 miles.

The B10 designation is the mileage at which 10% of engines are expected to require a rebuild. Most competitors use a B50 designation where 50% of their engines are expected to require a rebuild, at 1,000,000 miles.

Only the A26 meets the B10 standard for 1,200,000 miles. If your trucks are averaging 60,000 miles each year, that's the equivalent of running over 3 more years before your first major overhaul - real savings that impact your business.



ACHIEVING B10 DESIGN LIFE STANDARDS.

International B10 standards require 90% of all engines to endure 1.2 million miles before a rebuild is required.



4% More Fuel Efficient*

80,000 miles/year @ 7 miles/gallon = 11,428 gallons/year

+4% = 7.28 miles/gallon = 10,989 gallons/year

saves 439 gallons/year

Multiplied across a 40 truck fleet could yield over 17,500 gallons of fuel saved per year

*over previous A26 engine



AVAILABLE CONFIGURATIONS.



DAY CAB

113" BBC

Local, Regional, Bulk and Specialized Applications



56" LOW ROOF SLEEPER

113" BBC

Regional Line Haul, Bulk, Flatbed and Specialized Applications



56" HI-RISE SLEEPER

113" BBC

Local to Regional-Haul and Specialized Application

GVW

- ▶ 32,000 – 60,000 lbs.

Models/BBC/BA

- ▶ 113" BBC / 50" BA

Cab Configurations

- ▶ Day Cab
- ▶ 56" Low Roof Sleeper
- ▶ 56" Hi-Rise Sleeper

Wheelbase Options

- ▶ 146 - 226" 4x2
- ▶ 152 - 240" 6x4

Axle Configurations

- ▶ 4x2, 6x2, 6x4

Rear Axle

- ▶ SINGLE REAR AXLE (4x2)
 - Meritor: 23,000 lbs.
 - Dana Spicer: 23,000 lbs.
- ▶ TANDEM REAR AXLE (6x4)
 - Meritor: 40,000 – 46,000 lbs.
 - Dana Spicer: 40,000 – 46,000 lbs.

Front Axle

- Hendrickson: 12,000 – 14,000 lbs.
- Dana Spicer: 12,000 – 14,000 lbs.
- Meritor: 12,000 – 14,000 lbs.

Frames

- ▶ Heat Treated Alloy Steel 120,000 PSI

Front Suspension

- ▶ Spring Monoleaf: 12,000 – 13,200 lbs.
- ▶ Parabolic Taperleaf: 12,000 – 14,000 lbs.

Rear Suspension

- ▶ AIR SINGLE
 - International®: 20,000 lbs.
 - International: 23,500 lbs. Vari-rate spring
- ▶ AIR TANDEM
 - International: 40,000 lbs.
 - Hendrickson: HTB 40,000 lbs.
 - Hendrickson: HAS 46,000 lbs.

Electrical System

- ▶ ALTERNATORS
 - Leece-Neville: 12 Volt, 160, 210, 240, 325 Amp
 - Delco Remy: 12 Volt, 165, 200, 300 Amp
- ▶ BATTERY SYSTEMS
 - International®: 12 Volt 1950 – 3700 CCA
 - Fleetrite®: 12 Volt 3300 – 9200 CCA
 - JCI: 12 Volt 2250 – 3000 CCA
 - Deka: 12 Volt 2800
 - EnerSys Odyssey: 12 Volt 3450 – 4600 CCA
 - NorthStar: 12 Volt 4600-9200 CCA

Exhaust System

- ▶ Single Canister After Treatment Device, Frame Mounted Right Side Under Cab
- ▶ Horizontal or Vertical Exhaust

Brakes

- ▶ Air Drum Brakes with ABS with Optional Automatic Traction Control and Electronic Stability Control
- ▶ Air Disc Brakes with Automatic Traction Control, and Electronic Stability Control

Power Steering

- ▶ Sheppard
- ▶ TRW

Engines

- ▶ International® A26: 400 – 515 hp and 1,450 – 1,850 lb.-ft.

Transmissions

- ▶ Automated Manual Transmissions
 - Eaton Endurant: 11, 12 speed
 - Eaton Fuller UltraShift PLUS: 13, 18 speed
 - Eaton Fuller UltraShift PLUS LSE: 16 speed
 - Eaton Fuller Advantage: 10 speed
- ▶ Manual Transmissions
 - Eaton Fuller Advantage: 10 speed
 - Fuller: 10, 13, 18 speed
- ▶ Automatic Transmissions
 - Allison 3000: 5, 6 speed

Fuel Tanks

- ▶ 70 - 120 Gallon, Dual, Non-Polished or Polished Aluminum, Mounted Back of Cab
- ▶ 70 - 100 Gallon, Single, Non-Polished or Polished Aluminum, Mounted Back of Cab

Tires

- ▶ Continental, Michelin, Bridgestone, Goodyear



TAILOR THE RH SERIES TO SUIT YOUR DRIVER AND FIT YOUR BUSINESS.

Diamond Elite

CAB FEATURES

DIAMOND ELITE

DIAMOND

CLASSIC

Cab Trim Panels	Satin Mahogany	Mineral Grey Teak	Easy to Clean Soft Touch Vinyl
Door Trim	Easy to clean soft touch vinyl with Satin Mahogany inserts with chrome handle	Easy to clean soft touch vinyl with Mineral Grey Teak inserts with chrome handle	Easy to Clean Soft Touch Vinyl
Trim Inserts	Satin Mahogany trim	Mineral Grey Teak trim	Neutral
Instrument Panel	Black	Black	Black
Gauge Cluster	8-gauge, 3.5" Display with Odometer and Trip Optional: Premium 8-Gauge, 5" Color Display with Virtual Gauges	8-gauge, 3.5" Display with Odometer and Trip Optional: Premium 8-Gauge, 5" Color Display with Virtual Gauges	8-gauge, 3.5" Display with Odometer and Trip Optional: Premium 8-Gauge, 5" Color Display with Virtual Gauges
Accent Color	Satin Mahogany	Mineral Grey Teak	Neutral
Sun Visors	Two	Two	Two
Lighting	LED	LED	LED
Window Controls	Power	Power	Power
Lock Controls	Power	Power	Manual or Power
Cup / Bottle Holders	Four	Four	Four
Overhead Console	Molded Plastic with Retainer Nets and CB Radio Housing and Paper Towel Storage in Sleeper Configuration	Molded Plastic with Retainer Nets and CB Radio Housing and Paper Towel Storage in Sleeper Configuration	Molded Plastic with Retainer Nets and CB Radio Housing and Paper Towel Storage in Sleeper Configuration
USB Accessory Port	Up to 4	Up to 4	Up to 4



Diamond



Classic



Diamond Elite

SLEEPER FEATURES

	DIAMOND ELITE	DIAMOND	CLASSIC
12 Volt Power Supply	Standard	Standard	Standard
Trim Panels	Easy to clean soft touch vinyl with Satin Mahogany accents	Easy to clean soft touch vinyl with Mineral Grey Teak accents	Easy to Clean Soft Vinyl Neutral Trim Panels
Headliner	Soft Vinyl	Soft Vinyl	Soft Vinyl
Sleeper Windows	Standard	Standard	Standard
Windshield Curtain	Optional	Optional	Optional
Sleeper Control Panel	Standard	Standard	Standard
Microwave Accommodation	Optional	Optional	Optional
TV Accommodation	Optional	Optional	Optional

56" Low Roof Sleeper Features

Overhead Storage	Two Airline Style Cabinets Standard, with an Option for Two Additional	Two Airline Style Cabinets Standard, with an Option for Two Additional	Two Airline Style Cabinets standard, with an Option for Two Additional
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56" Hi-Rise Sleeper Features

Overhead Storage	Two Compartments with Netting or Doors	Two Compartments with Netting or Doors	Two or Four Compartments with Netting
Rear Wall Storage	Optional	Optional	Optional



PROACTIVE, PREDICTIVE TOOLS

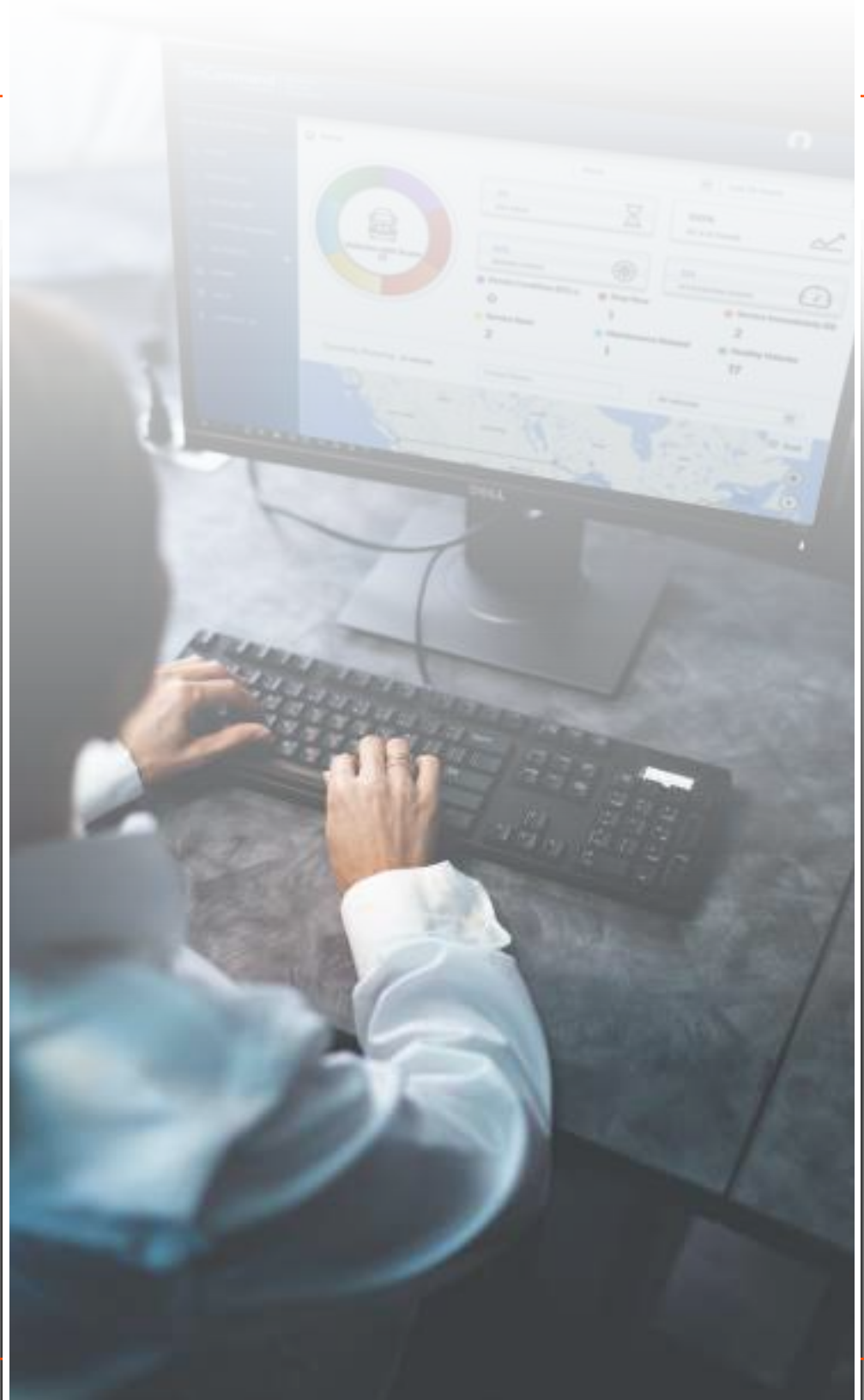
that drive uptime and lower
total cost of ownership.



INTERNATIONAL® 360

NEW Intelligent Fleet Care

The only provider that offers all-makes
connected vehicle solutions.



VISIBLE



Our solutions sort through volumes of vehicle data to deliver only information that's critical for you to know.

EASY TO UNDERSTAND



We translate fault code data into simple terms with severity ratings and most likely needed parts and service.

ACTIONABLE



Parts inventory availability at nearby dealerships, all-makes service center mapping, even online service request initiation and more.

New International® LT® Series, RH™ Series, and Lonestar® models come standard equipped with factory installed telematics and five years of service including:

- **OnCommand® Connection Advanced Remote Diagnostics**

- **International® 360**

- **Intelligent Fleet Care**

- Over the Air Programming
- Fleet Health Monitoring
- Advanced Preventive Maintenance
- Advanced Fuel Analytics
- TPMS Integration (requires TPMS system installed on truck)
- Gateway Integrations

**WHEN COMBINED,
THESE SOLUTIONS CAN HELP FLEETS
SAVE UP TO \$12,000 OR MORE OVER FIVE YEARS***

**5
YEARS**



*depending on annual miles driven and other operational conditions

We understand making money means keeping your vehicles on the road. **That's why uptime is so important to us.** Dependable equipment spec'd for your needs or requirements is just the beginning. We also focus on fuel economy, preventive maintenance, optimized service intervals and more to make sure the low cost of ownership of our vehicles helps keep you in the black.



DIAMOND EDGE[®] CERTIFIED DEALERS



A select network of International dealers with service facilities that have passed rigorous certification guidelines to provide you with faster turnarounds, immediate parts availability and a higher level of servicing expertise



OVER 700
INTERNATIONAL®
DEALER LOCATIONS

OVER 400
LOVE'S LOCATIONS
( )

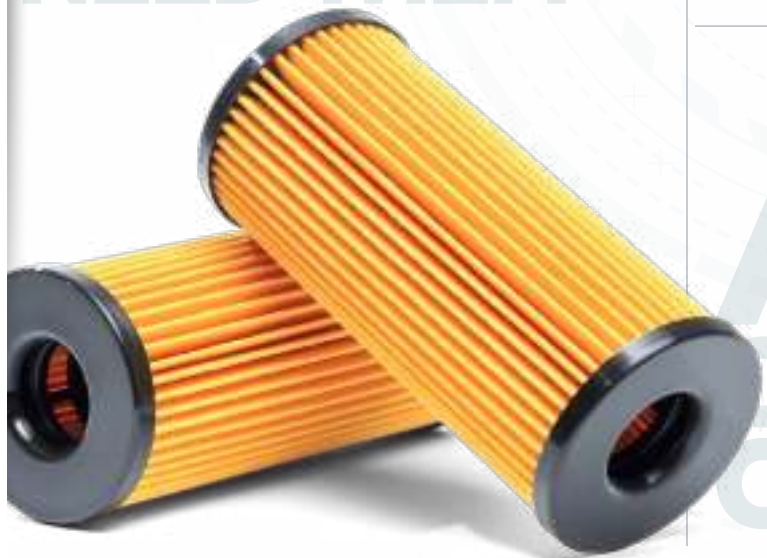
OVER 1,100
TOTAL SERVICE
LOCATIONS

Our partnership with Love's and Speedco adds 400+ additional locations for quick, conveniently-located access to light mechanical and select warranty work.

**PARTS
YOU NEED,
WHERE AND
WHEN YOU
NEED THEM**



**OWNERSHIP
SUPPORT**



**A26
COMMAND
CENTER**





**THE RH SERIES IS POWERED BY THE INTERNATIONAL A26,
BUILT WITH UPTIME IN ITS DNA.**



Note: The information and conclusions contained herein are believed to be correct at time of publication, but do not necessarily apply to similar vehicles with different specifications or with production dates after the production of this publication. Vehicles with different specifications or later dates of production may yield different results. Vehicle specifications are subject to change without notice. TAD17012 02/2022 ©2022 NAVISTAR Inc. All rights reserved. All marks are trademarks of their respective owners.