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PICK UP MORE UPTIME

When you're out there building your business, reliability is everything. And this truck delivers. The International® MV™ Series with Cummins® B6.7™ engine is designed and engineered to set new standards for quality and productivity, with the industry-leading intelligence of the Diamond Logic® electrical system. The MV™ Series is built smarter to help you work harder — day in and day out.

- 1 REPUTABLE PERFORMANCE** Built on the strong and reputable B series platform, the EPA 2021 B6.7 delivers the same compact size, weight, and class-leading power and torque ratings you've come to rely on. Plus, it lowers your total cost of operation.
- 2 MORE MILES BETWEEN MAINTENANCE** Synchronized and extended engine maintenance intervals means more time between oil drains and fuel filter changes.
- 3 DIAMOND LOGIC** Boost productivity with the International Truck Diamond Logic system. With over 200 preprogrammed tasks, it helps protect equipment and operators. Our experts will work with you to build custom logic in the field specific to your needs with Diamond Logic Builder.
- 4 ACTIVE SAFETY TECHNOLOGY** Bendix® Wingman® Advanced™ and Fusion™ collision mitigation systems integrate adaptive cruise control, lane departure warning, over-speed alert and stationary vehicle braking to potentially help avoid a collision or reduce its severity.
- 5 KEEPS YOUR EYES ON THE ROAD** Re-designed column-mounted shifter allows for easy shifting and engine braking without taking your eyes off the road. The Stalk Shifter is available with Eaton Advantage™ Series automated transmissions and Allison automatic transmissions.
- 6 MAXIMUM COMFORT** Re-designed one-piece side windows with lowered bottom edges and repositioned cab mirrors reduce driver head turn by up to 15%, which reduces neck strain and fatigue. Meanwhile, inline 6-cylinder engines are balanced for less vibration and a smoother ride.
- 7 STREAMLINED POWER** The wide flow range of the Cummins Variable Geometry Turbocharger (VGT) delivers higher boost pressure and low engine speeds. And with the B6.7's proprietary electronic controls, there's no more need for variable valve timing.
- 8 LESS STRESS. LONGER LIFE.** Because the B6.7 produces the same amount of power by spreading the pressure over 6 cylinders instead of 4, it puts less stress on the engine and extends engine life.
- 9 FLEET SMARTS** OnCommand® Connection turns raw telematics data into actionable intelligence for all vocational truck fleets, while the International® 360 fleet management platform delivers seamless, transparent communications with the International service network.
- 10 LOCATIONS. LOCATIONS. LOCATIONS.** When you're on the road, support is never far away. Between International dealer locations and our partnership with Love's and Speedco, you have over 1,050 service locations for quick access to light mechanical and select warranty work.
- 11 COVERAGE THAT GOES THE DISTANCE** The B6.7 is backed by the best warranty and extended coverage plans in the industry and the largest, most capable support network in North America. Well-established distribution centers ensure best-in-class availability.



INTERNATIONAL® MV™ SERIES B6.7 VS. FREIGHTLINER M2 106 DD5



1 MORE DURABLE CAB DESIGN

International® MV™ Series offers a high strength, low alloy (HSLA) reinforced cold-rolled steel cab; M2 offers an aluminum cab.

- Steel provides unmatched confidence and long-term durability in demanding medium duty applications
- International cabs pass the very rigorous SAE J2422 cab roof strength test in addition to the standard uniform load European ECE29 test
- 5-step corrosion resistance process adds assurance MV Series will continue to look as good as it performs
- MV Series' 3-piece Composite hood offers lower repair costs than the 1-piece hood on the M2

2 EASIER BODY INTEGRATION

Diamond Logic®, the industry's most advanced electrical system, increases reliability, operator safety and equipment protection for greater productivity.

- Simplifies integration of upfitter equipment with vehicle electrical system with centralized connection point and easy access to exterior connections
- Enables chassis diagnostics systems to function with upfitter systems
- Available with extensive post-sale support in the field

Diamond Logic as compared to Freightliner's system, provides:

- Ergonomically positioned, custom labeled factory-installed dash switches – Freightliner's SmartPlex™ switches are located in the overhead
- Customers are given the ability to write custom logic as well as expand and update the system in the field
- Unmatched reliability with fewer connectors and no moving parts – compared to Freightliner's more mechanical system of relays and switches

MV Series' wide, flat cab floor helps ensure routine installations.

- M2's cab floor rises dramatically under and between the seats which can complicate post-production installations

MV Series offers kick-up frame for low profile applications.

- A kick-up frame is not available on the M2

MV Series offers a 20" bolt-on frame extension and a 4" bumper extension.

- An 8" bolt-on front frame extension is only available through Freightliner's PDI center

3 EASIER GETTING IN AND OUT

Most MV Series are equipped with a "stair-step" step design which provides more step offset.

- Greater step offset in a "stair-step" design provides greater step visibility and more comfortable cab access
- MV Series' cab steps can provide an inch more offset space than the M2 (an additional inch across a 30" step adds 30 square inches – ideal for bulky work boots)
- Extra-wide doors provide 2.5" of additional clearance

4 EASIER UNDER-THE-HOOD ACCESS

MV Series hood with torsion bar assist is over 20 pounds lighter to open than the M2 hood, reducing stress on the driver.

- MV Series has more crucial maintenance points on the driver side for quick and easy access

5 QUIETER CAB

A refined interior creates one of the quietest trucks measured.

- Sound Levels (dB, 750 RPM – gov.)

	MV Series	M2 106
Interior dB:	60.2 - 67.2	60.8 - 75.6
Exterior dB:	81.5 - 87.9	83.7 - 96.9

6 MORE COMFORTABLE INTERIOR

Head room and leg room help determine how well a truck fits its driver.

- MV Series provides over 3" more leg room and nearly 1.5" more vertical seat travel, providing almost 7" of additional head room
- Available self-contained air-ride seat available for hydraulic brake vehicles and is not available with M2

7 LARGER, MORE CAPABLE DEALER NETWORK

International provides a larger support network:

- International: 797 Service and Support locations
- Freightliner: 426 Service and Support locations

International's OnCommand® Connection offers customers a unique set of business tools to help them manage their vehicle operations.

INTERNATIONAL[®]
MV[™] SERIES



THE INTERNATIONAL[®] MV[™] SERIES.





**BIG-TIME UPTIME.
ALL DAY. EVERY DAY.**



THE INTERNATIONAL[®] MV[™] SERIES.

The International[®] MV[™] Series is purpose-built to be out on the highway, at the job site, first on the scene and anywhere else work needs to get done. Its durable, spacious cab is crafted for optimal comfort and control. Its proven Cummins engines are tuned to maximize torque, dependability, and efficiency. The break-away mirrors limit potential damage and the sloped hood helps enhance visibility and safety. The industry-leading intelligence of its Diamond Logic[®] electrical system is seamlessly integrated to help protect both your crew and your equipment.

The MV Series: More uptime. More capability. More of what you need. Built just right.



SAFETY



INTEGRATION



QUALITY



CONNECTED

TRUCKS BUILT JUST RIGHT FOR YOUR EVERY NEED.

From torque, payload and application options to our highly advanced and versatile Diamond Logic® electrical system, MV™ Series trucks expand the ability to get big things done. When someone's stranded, something is broken, needs to be hooked up, cut down or cleaned out these trucks churn with productivity. Choose from two proven Cummins engines, three cab sizes and a 4x2 or 6x4 axle configuration. Then select the exact specifications to suit your job. The MV Series can conform to your needs.





STEEL SANCTUARY.

FOR STRENGTH, SAFETY AND COMFORT

The MV™ Series cab wraps your crew in a high-strength, low-alloy (HSLA) reinforced, cold-rolled steel construction that combines the corrosion resistance of aluminum with the world-class fit, finish and strength of steel. The result is a larger, quieter, more protective interior with air and water-tight seals.

INTERCOAT® CHEMGUARD

Think of it as a self-healing layer of skin on our galvanized steel. This inter-reactive, chrome-zinc phosphate coating is used on floor and toe kick panels to help extend integrity. The self-rejuvenating properties allow surface cuts, scratches and perforations to maintain corrosion protection.

OPTIONAL SPRAY ON LINER COATING FLOOR PROTECTION

This available polyurethane and polyurea formulation creates a protective tray on the cab floor that contains spills, as well as any of nature's elements that make their way inside. Durable and long-lasting, the spray on liner coating is an OEM-grade protective coating designed to guard against abrasion, corrosion and impact and can be found on over 4 million pickup bedliners.



ChemGuard Coating

Optional Spray On Liner Coating

Reinforced
B-Pillars



TOP-DOWN STRENGTH

All MV™ Series configurations (regular, crew and extended cab) pass the rigorous SAE J2422 roof strength test and Huck Bolt chassis fasteners provide extra clamping force without the need to re-torque, so they won't come loose even under high stress loads.

ANTI-CORROSION THAT'S ANTI-COMPROMISE

At International Truck, longevity is the head of the hammer. Which is why every welded eMV™ Series cab assembly is dipped into an electrostatically-applied primer as part of a rigorous paint, sealing and coating process that provides superior corrosion and fade resistance – all backed by a 5-year perforation corrosion warranty.

Corrosion Protection Process:

1. Stamped steel with 60G/60G dual sided galvanized coating - standard on dash and toe and floor panels
2. Custom-engineered caustic and surfactant formula cleans and preps the steel
3. Proprietary tri-metal (nickel, zinc, manganese) phosphate blend provides robust corrosion protection and the first level of paint adhesion
4. Epoxy-based electrodeposition primer, or E-Coat is applied. This covers and seals the entire exposed metal surface of the cab
5. Acrylic basecoat
6. Urethane clearcoat

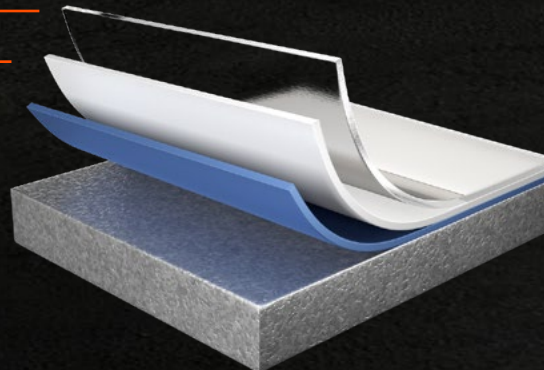
E-Coat Paint Process

Clearcoat

Basecoat

E-coat

Galvanized Steel



MV™ SERIES FEATURES:

- ▶ A high-strength, low-alloy (HSLA) reinforced, cold-rolled steel cab delivers superior corrosion resistance as well as world-class fit and finish
- ▶ The welded cab assembly is dipped into an electrostatically applied primer as part of a paint process that provides outstanding resistance to corrosion and fading, and it's backed by a 5-year perforation corrosion warranty



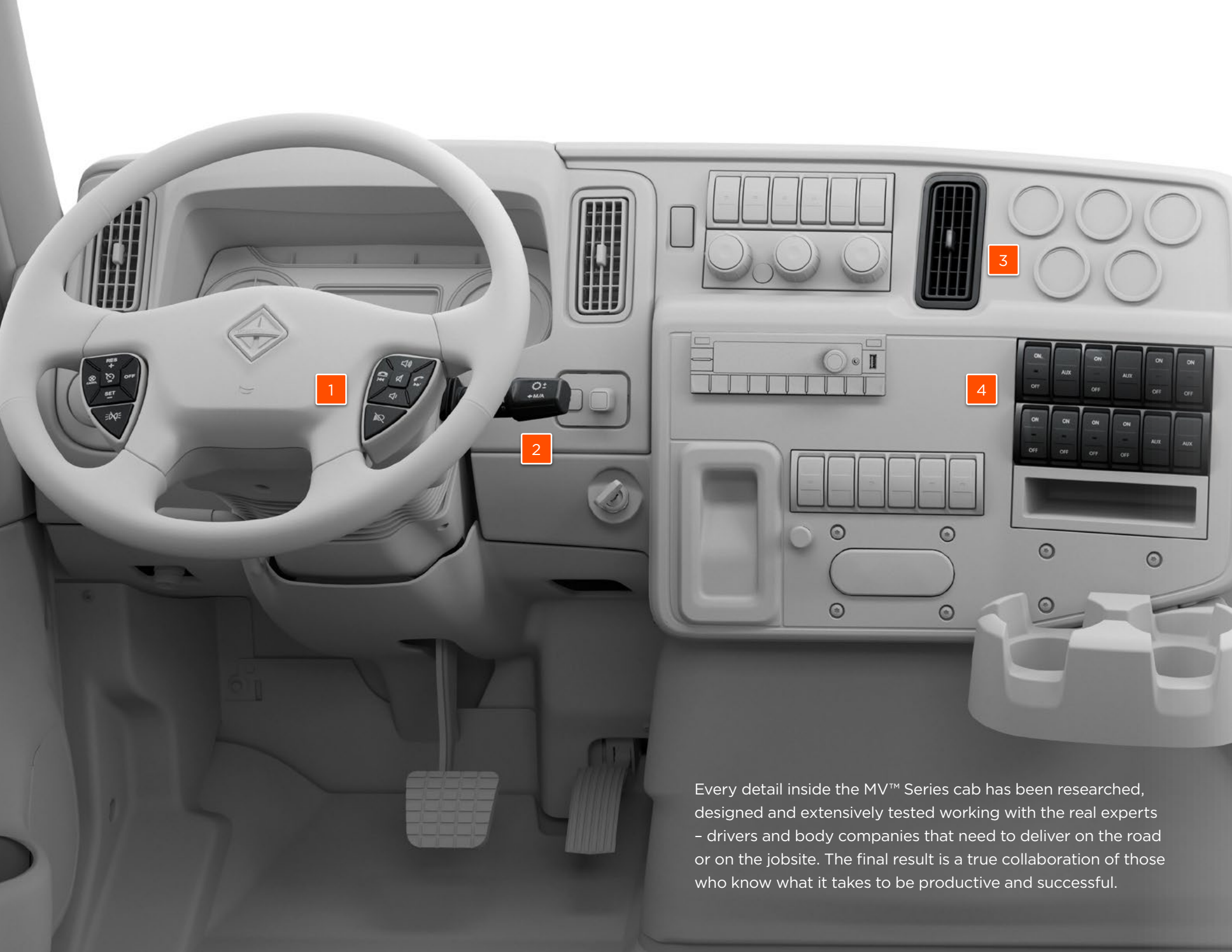




DRIVERFIRST™ — THINK OF IT AS A 360-HP CORNER OFFICE.

Welcome to the ultimate seat of power. Inside the MV™ Series is a command center designed around the driver. Comfort. Visibility. Safety. Room for a third front passenger without knocking their knees. Plus, the stalk shifter allows for shifting and application of the Jacobs brake without taking your eyes off the road ahead. It comes from talking to real drivers. Listening to their needs. And designing a truck around their priorities – a philosophy we call DriverFirst.

This driver-centric approach starts with a cavernous cab and with meticulous attention to every detail. There's a powerful HVAC system to keep you cool while on the job. Controls and switches are easy to find, reach and operate, even when wearing gloves. A redesigned hood enhances visibility. Door-mounted mirrors are positioned to see more while turning your head less to reduce fatigue. Even the air horn lanyard is placed exactly where drivers told us it should be.



1

2

3

4

Every detail inside the MV™ Series cab has been researched, designed and extensively tested working with the real experts – drivers and body companies that need to deliver on the road or on the jobsite. The final result is a true collaboration of those who know what it takes to be productive and successful.

POWERFUL PRODUCTIVITY. UNDERFOOT AND AT YOUR FINGERTIPS.

Cab Features	Classic	Diamond
Cab Trim Panels	Easy-to-clean plastic	Easy-to-clean plastic
Door Trim	Single piece door panel with integrated door pocket	Single piece door panel with integrated door pocket
Trim Inserts	Neutral	Mineral Teak
Instrument Panel	Black	Black
Gauge Cluster	Base level: 3" Monochromatic Display Premium Level: 5" LCD Color Display	Base level: 3" Monochromatic Display Premium Level: 5" LCD Color Display
Accent Color	Neutral	Dark Neutral
Sun Visors	Two	Three
Lighting	LED	LED
Window Controls	Manual or Power	Power
Lock Controls	Manual or Power	Power
Cup / Bottle Holders	Four	Four
Overhead Console	Molded Plastic with Retainer Nets and CB Radio Housing	Molded Plastic with Retainer Nets and CB Radio Housing
USB Accessory Port	Up to 5 Available	Up to 5 Available

- 1 The steering wheel adds more functions at the driver's fingertips with integrated programmable switch pods. The switches are backlit with laser-etched labels for improved durability and visibility. Plus, all the controls within the cab are designed to be operated easily while wearing gloves.
- 2 The innovative new stalk shifter is mounted on the steering column, allowing the driver to easily reach and smoothly operate shifting and engine braking while keeping their eyes on the road and hands on the wheel.*
- 3 A standard flat instrument panel includes a center-mounted vent to keep the middle passenger comfortable while providing space for extra legroom, optional storage components, or a large floor mounted body control module.
- 4 Factory-installed switches with custom labels are optimally positioned to use with integrated equipment:
 - ▶ Up to 30 customizable, user-replaceable switches are available for any application
 - ▶ Large, easy-to-read backlit text
 - ▶ Warning lights can be any of seven colors
 - ▶ One common switch pack for wiring simplicity
 - ▶ Any switch can be relocated by the customer without wire changes using Diamond Logic
 - ▶ Blank "windows" available for custom labeling by the customer

*Available with Eaton AMT and Allison 3000

ADVANTAGES YOU CAN SEE CLEARLY.

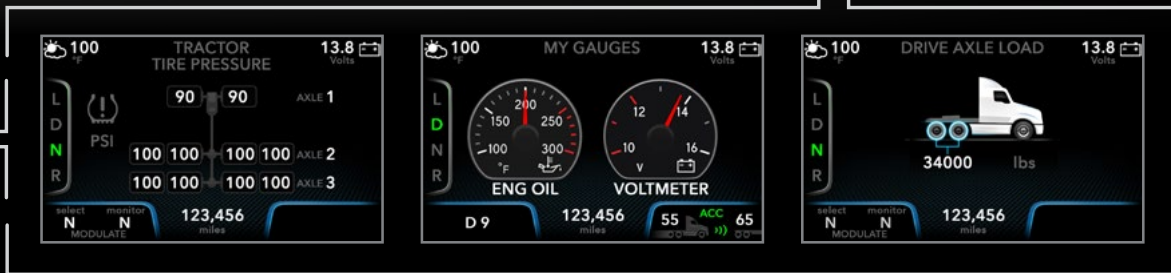
Uptime is much more than simply being able to work - it also requires giving drivers the tools they need to be seriously productive. It's why the MV™ Series instrument cluster is tested, refined and then tested again to ensure optimal readability, usability and positioning. It's also why color, illumination, legibility and even gauge size is designed to deliver optimal viewing in varying light conditions.

THE GOAL? IMMEDIATE RECOGNITION. LESS DISTRACTION. AND MORE DRIVER ALERTNESS AND CONFIDENCE.

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.



*When added with optional feature code for required sensors



The premium gauge cluster includes a customizable digital display which provides a wealth of information for the driver, including:

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

A white utility truck with a bucket lift is parked on a cobblestone street next to a brick building. The truck has a large chrome grille and a bucket lift extended upwards. A worker in a yellow hard hat is visible in the bucket. The background shows a brick building with arched windows and a city skyline in the distance.

**MORE UPTIME.
FROM THE TRUCK
THAT HAS YOUR BACK.**



Uptime. With the MV™ Series, you get more of it. On the road, and on the jobsite. Our trucks are built to carry the weight of your job, your reputation, and your commitment to deliver - on time, every time. Uptime-friendly features include: aligned and extended maintenance schedules that reduce service visits; on-board diagnostics that self-monitor vehicle systems; reduced manufacturing complexity for easier servicing; aero break-away mirrors that reduce chances of cab damage - and more below.



Huck® Bolt chassis fasteners provide consistently superior clamping force without re-torquing, and won't come loose even in extreme environments



Routine service points are clearly labeled and easily accessed under the hood



Key fluid reservoirs are translucent for quick inspection and many of the caps are tethered, saving time and frustration from dropped or lost caps



In-cab electrical panel is protected from the elements and conveniently located under spill-resistant dash panel

CUMMINS® / B6.7

Every aspect of the B6.7 has been engineered for reliability, durability and fuel efficiency to deliver the lowest cost of ownership with maximum uptime. Add industry-leading service from International® and Cummins, plus a three-year, unlimited mileage engine warranty, and it's easy to see why the B6.7 is the best-selling engine in the medium-duty truck market.



Specifications Cummins B6.7

Engine Type:	Diesel, 4-Cycle
Configuration:	Inline 6-Cylinder
Displacement:	409 cu. in. (6.7L)
Horsepower:	200-360*
Bore and Stroke:	4.21 X 4.88 in
Aspiration:	Variable Geometry Turbocharger
Combustion System:	High Pressure Common Rail (HPCR)
Engine Lubrication:	15Q and 19Q
Total Engine Weight (Dry):	1,150 lbs.

HP Rating	Torque [lb-ft] @ RPM	Governed Speed [RPM]
200	600 @ 1600	2600
220	600 @ 1600	2600
240	600 @ 1600	2600
250	660 @ 1600	2600
260	660 @ 1600	2600
280	660 @ 1600	2600
300	660 @ 1600	2600
325	750 @ 1800	2600
340*	700 @ 1600	2600
360*	800 @ 1800	2600
340*	700 @ 1600	2600
360*	800 @ 1800	2600

CUMMINS® / L9

The Cummins L9 has established a solid reputation as a dependable engine for medium duty applications. Its XPI Fuel System features multiple injection events per cycle for smoother, quieter operation. This, combined with its proprietary Variable Geometry Turbocharger (VGT), means the L9 has the highest power density of any engine in its class. In addition, replaceable wet sleeves help make the L9 easier and less expensive to rebuild, plus heavy-duty roller followers, bypass oil filtration and targeted piston cooling all contribute to longer service life.



Specifications Cummins L9

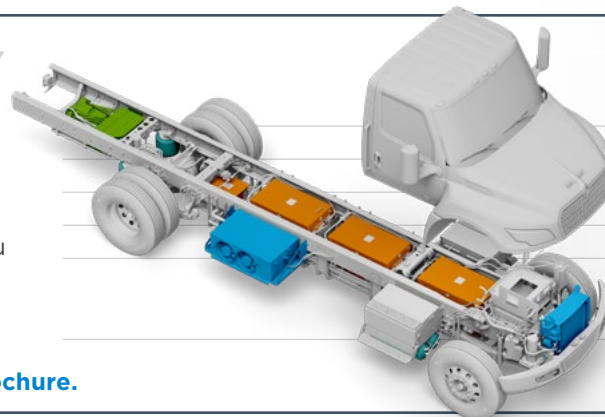
Engine Type:	Diesel, 4-Cycle
Configuration:	Inline 6-Cylinder
Displacement:	543 cu. in. (8.9L)
Horsepower:	260-360**
Bore and Stroke:	4.49 X 5.69 in
Aspiration:	Variable Geometry Turbocharger
Combustion System:	XPI Direct Injection
Engine Lubrication:	20Q and 23Q
Total Engine Weight (Dry):	1,695 lbs

HP Rating	Torque [lb-ft] @ RPM	Governed Speed [RPM]
260**	860 @ 1200	2200
270	860 @ 1200	2200
300	860 @ 1200	2200
330	1000 @ 1200	2200
350	1050 @ 1200	2200
360	1150 @ 1200	2200

MV™ SERIES / eMOBILITY

The International® **electric** MV™ Series, a truck built on the same proven foundation as the diesel MV Series, delivering an eMobility solution customers need at every stage of their vehicle's lifecycle. The International eMV Series is what happens when you take the time to get things just right.

For more information on International® Truck's electric offerings, please see the eMV™ Series brochure.



Specifications Electric Motor

Engine Type:	Direct Drive
Peak Motor Torque:	1,737 lb-ft
Continuous Motor Torque:	730 lb-ft
Operating Voltage:	609
Electrical System:	High Voltage - ***210kWh Lithium Iron Phosphate with dedicated HVAC system

* Rated for emergency vehicles only
 ** Not available for emergency applications

+ Rated for RV vehicles only

***Usable capacity is approx. 189 kWh. Actual range is based on environmental conditions, driving behaviors, etc.

TOUGH CHOICES

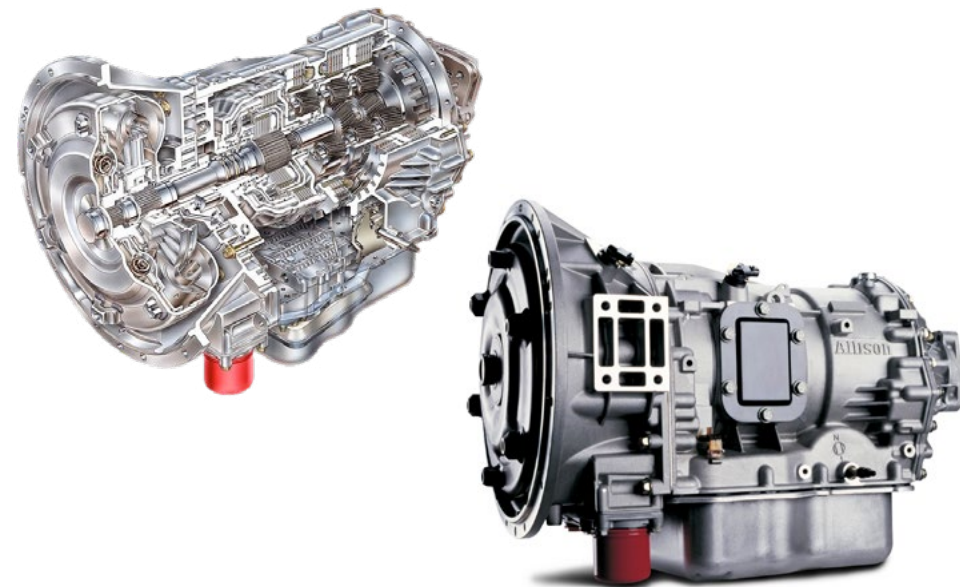


AUTOMATIC ADVANTAGES

The International® MV™ Series offers automatic, automated manual and manual transmission choices that pair perfectly with your application needs, whether you're renting trucks to inexperienced customers or seeking optimal cost efficiency and productivity from veteran drivers.

Allison Automatic with Optional FuelSense® 2.0

The Allison FuelSense 2.0 with DynActive™ Shifting features a patented torque converter that provides infinitely variable shift points based on the vehicle configuration and operating conditions. FuelSense 2.0 can improve fuel economy up to 6% compared to previous generation FuelSense packages.



ITS GREATEST STRENGTH: SAFETY.

The MV™ Series is built with safety as a top priority. It's the result of extensive studies into how drivers can stay safe and productive in a broad range of situations on the road or around a jobsite.

Safety often comes down to seeing potential hazards and successfully avoiding them. That's why the MV Series was designed with a sloped hood and optional LED headlights for enhanced visibility. Plus, an industry-leading HVAC system with MAX defrost can clear 100% of the windshield in under 30 minutes at 0° F. Also included is a traction control system to help drivers maintain control during heavy braking and on slick roads.

Traditional Hood

Sloped Hood

15.0"

The sloped hood increases forward ground visibility by 15 inches. This means objects closer to the vehicle are more visible to the driver, improving safety.

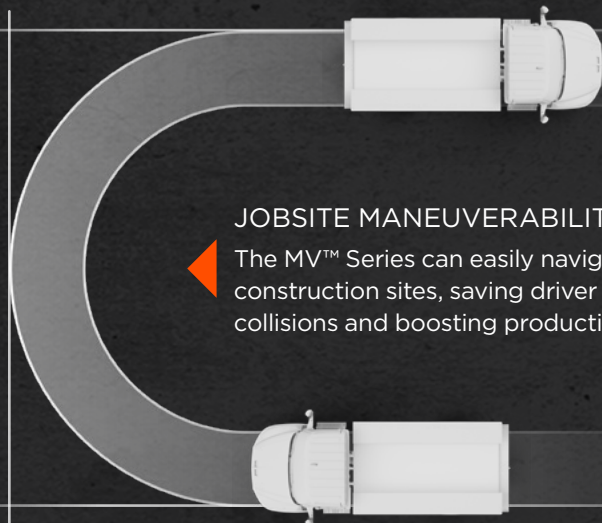


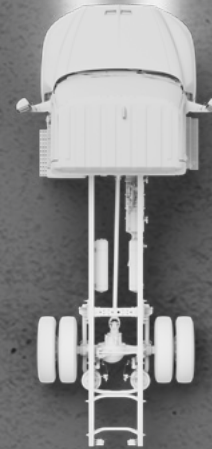
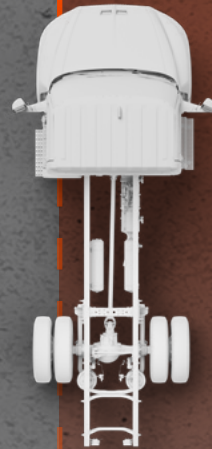
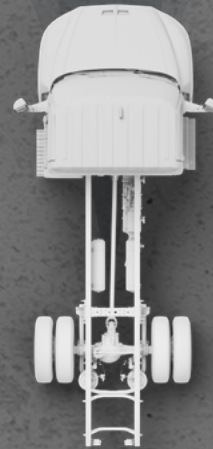
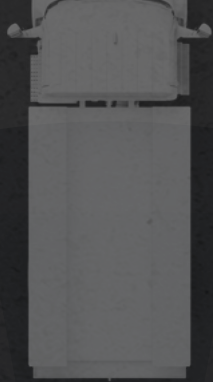
SLOPED HOOD PROVIDES IMPROVED VISIBILITY

Thoughtful design with improved forward day and night visibility through a sloped hood and breakaway mirrors.

JOBSITE MANEUVERABILITY

The MV™ Series can easily navigate tight city streets or construction sites, saving driver time, reducing work-site collisions and boosting productivity.





HIGH SPEED ZONE

SLOW SPEED ZONE
UP TO 150°

HIGH SPEED ZONE

BENDIX® WINGMAN® ADVANCED

- Uses radar to scan the forward path of the truck
- Distance alerts and, if necessary, active braking to help the driver potentially avoid the collision or help reduce its severity
- Adaptive cruise control with braking
- Collision mitigation technology and full-stability technology
- Includes Bendix® ESP® full-stability system

BENDIX® WINGMAN® FUSION™

Includes all the features of the Bendix Wingman Advanced PLUS:

- Radar and a video camera scan the forward path of the truck
- Stationary Vehicle Braking can automatically alert the driver and apply brakes
- Multi-lane Autonomous Emergency Braking (AEB)
- Highway Departure Warning and Braking (HDW/HDB)
- Lane Departure Warning
- Overspeed Alert & Action can read speed limit signs and notify the driver and fleet of overspeed travel
- Available Bendix™ SafetyDirect® can capture data and transmit driver performance and event-based information - including video - to the SafetyDirect web portal

BENDIX® BLINDSPOTTER®

When connected to vehicle's Control Area Network (CAN), the optional Bendix BlindSpotter® provides a 150° range of coverage capable of detecting objects up to 20 feet in front of and 20 feet behind the BlindSpotter radar.

The coverage zone extends up to 10 feet to the right of the vehicle. BlindSpotter minimizes false alerts by operating in two modes: highway speeds and lower speeds.

HEATED LED HEADLIGHTS

Optional heated LED headlights offer unparalleled nighttime visibility for improved safety whether you're inside the cab or out. Adding heat for snowy, frozen environments can help to defrost quickly.

MV™ SERIES VERSATILITY

CAB SIZE OPTIONS



REGULAR CAB



EXTENDED CAB



CREW CAB

AVAILABLE INTEGRAL FRAME EXTENSIONS





BODY APPLICATIONS

The MV™ Series is ready to accept nearly any body—from a contractor’s dump to a flatbed — usually without any special modifications or reinforcements.



TEM-READY. CUSTOMER- FOCUSED.

The more specialized your needs, the more our teams at International® Truck can deliver. We combine TEM-friendly body installation with unmatched application expertise to provide virtually unlimited upfit capabilities. Our engineers will work directly with your dealer, allowing you to order the specific foundation needed for your application up-front, substantially reducing the time and expense of upfitting your truck post-production.

Every MV™ Series truck starts with a huck-bolted frame and crossmember system to deliver maximum vocational durability and multiple frame rail options. Air tanks, fuel tanks, battery boxes and exhaust systems can all be mounted in various positions to better align with your application. Recent driver-focused features improve visibility and maneuverability. Maintenance has also been simplified with a partial open hood (instead of hatches) and an under-hood work light.

Our MV Series trucks are also available with a clean Cab-to-Axle (CA) configuration to help minimize costly post-production modifications.





Body Company Benefits:

- ▶ Optimized chassis package
- ▶ Custom frame piercing to minimize open holes and maximize frame strength
- ▶ Huck-bolted frame ladder for durability and dependability
- ▶ Customized component locations to meet body packaging requirements
- ▶ Available integral front frame extensions
- ▶ Single 7/16", 2.4 million RBM straight frame rail provides high strength without added weight or risk of corrosion
- ▶ A clean cab-to-axle configuration (Clean CA)

Popular Applications Include:

- ▶ Dump
- ▶ Crane
- ▶ Recovery
- ▶ Utility
- ▶ Bucket Truck
- ▶ Digger Derrick
- ▶ Van Body
- ▶ Stake
- ▶ Snowplow
- ▶ Flatbed



DIAMOND PARTNER

DELIVERING MORE UPTIME BY BRINGING TEMS AND DEALERS CLOSER TOGETHER

The Diamond Partner Program creates a conduit between International Truck, our dealers and TEMs by providing industry leading body-builder support materials and services. This program makes it easy for TEMs to mount their equipment faster, with a higher build quality and lower costs. In addition, this program facilitates joint marketing opportunities that can help increase awareness of dealer/TEM partnerships.

To learn more and/or sign up please visit

internationaltrucks.com/body-builder

INTERNATIONAL TRUCK SPECIALTY CENTERS

A resource within International® Truck that can provide quick, efficient and cost-effective upfitting solutions. You can count on:

- ▶ Quality modifications covered under manufacturer's warranty
- ▶ Upfit process supervised by International engineers to ensure factory production-level quality
- ▶ Expertise to identify and resolve problems quickly
- ▶ A quick and efficient process ensured by optimized delivery cycle times and comprehensive factory support



*Optional bolt-on frame extension is available through aftermarket suppliers



WHEN PUSH COMES TO PLOW.

With a stout, huck-bolted frame and proven Cummins power, an MV™ Series truck makes an ideal snow-pushing beast. A 20-inch integrated front frame extension accommodates the blade. There's a plow light connection. And all road speed and other wiring is integrated into the dash. A heated windshield and sealed battery terminals are options you can choose to add to the package. There's also an optional transmission power take-off (PTO) to help power the plow. You can even choose between two fixed grilles – all black or black with chrome surround.

FRAME EXTENSION CONFIGURATION	PLOW WIDTH	PLOW MASS	HITCH	TOTAL
Optional Integral	11'	2000lbs	500lbs	2500lbs
Optional Bolt-On*	10'	1250lbs	100lbs	1350lbs

APPLICATION SPECIFIC OPTIONAL FEATURES

- Front frame extension – 20" integral (no mega-brackets)
- Plow light connection
- Road speed and other wiring located either in the dash or behind the seat depending on specific application needs
- Heated Windshield
- Front Axle 14.7K (Dana Spicer E-1462I)
- Front Suspension (parabolic taper leaf, shackle type)
- Transmission PTO is available
- Sealed battery terminals



DIAMOND LOGIC[®]

ADVANCING THE SCIENCE OF PRODUCTIVITY.

The MV™ Series includes the International® Truck Diamond Logic® electrical system, widely considered the most advanced in the industry. Diamond Logic streamlines chassis and body equipment integration and allows you to program automated tasks. This means more consistent performance and increased crew safety and equipment protection. It's easy to spec, simplifies integration, and includes on-board diagnostics that self-monitor vehicle components to reduce downtime.

You even have the ability to write custom logic for your application through Diamond Logic Builder.



1 Body Controller

- ▶ Heart of the Diamond Logic System. Performs all body integration software execution to maximize safety, performance and ease of equipment installation

2 Switch Packs

- ▶ All switches are controlled via 6 wires
- ▶ Blinking switch indicators provide equipment status
- ▶ Switches can be moved without moving wiring
- ▶ Up to seven colors of lights can be used

3 Pre-Trip Light Inspections

- ▶ Driver can press a button and all the exterior lights will blink in sequence, allowing daily DOT light inspection with just one person

4 PTO Power Take Off

- ▶ Engagement and disengagement based on chassis and body conditions (engine speed, road speed, outrigger deployed before boom can raise, park brake set, transmission in neutral, etc.)
- ▶ Certain data links can be used as an interlock including RPM, MPH, Park Brake and gear position
- ▶ Engine speed can be controlled (in most cases) while using the PTO with no additional wiring needed

5 Remote Power Modules

- ▶ All 12-volt outputs are automatically fused (auto-resettable) with solid state technology

6 Outriggers

- ▶ Diamond Logic can sense when they are not properly stowed and will illuminate an indicator light in the switch packs while sounding an audible alarm

7 Differential Lock

- ▶ Diamond Logic can control when the axle differential locks and unlocks depending on road speed, protecting the driveline from damage due to excessive speeds in a locked position

8 Work Light

- ▶ Diamond Logic can automatically turn on or off the light based on chassis functions (for example: rear-facing light could be programmed to turn on any time the transmission is in reverse, adding additional lighting)
- ▶ Automatically shut off the work light based on a set forward speed

9 Boom Hydraulics

- ▶ Diamond Logic can sense when they are not properly stowed and will illuminate an indicator light in the switch packs with an audible alarm

10 Solenoid Air Packs

- ▶ Air can be turned on with a switch in the dash or controlled based on chassis and/or body functions (for example: tailgate air lock in dump applications can be programmed to not unlock unless the truck is driving below a certain speed)



The MV™ Series features a programmable key fob that allows two Diamond Logic tasks (such as pre-trip light inspection) to be activated with the push of a button

CUSTOMIZING DIAMOND LOGIC® FOR YOUR UNIQUE TASKS

1

Order from nearly 200 preprogrammed tasks

2

Work with International® Truck to create custom tasks

3

International® Truck can train and certify your technicians on Diamond Logic Builder software to independently program new tasks



DIAMOND LOGIC BUILDER

MV™ Series customers have the ability to write custom logic so Diamond Logic can be easily expanded, configured and updated in the field to meet specific application requirements.



PROGRAMMABLE SWITCH PODS

To help drivers keep their eyes on the road and hands on the wheel, the steering wheel switch pods can be programmed via Diamond Logic to operate many body controls. This is especially useful for functions that are performed while the truck is moving.



WE HAVE YOUR INDUSTRY-SPECIFIC SAFETY AND PRECISION RIGHT HERE.

Whether you're a municipality in search of an efficient, cost-effective solution; a Truck Equipment Manufacturer (TEM) in need of a rock-solid foundation for your next build; or a construction company wanting the toughest truck in the business, we have you covered. MV™ Series trucks armed with Diamond Logic will enable your crew to work with a level of security and accuracy that no other truck can offer.

SNOWPLOW

- ▶ **Body Lighting**
 - Wiring is located back of the cab at the frame and includes sealed connectors for Tail/Amber Turn/Marker/Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
- ▶ **Power Take Off Control**
 - Electric control with dash-mounted switch, Includes audible alarm and indicator light in gauge cluster - Provides safe control of the power take off with multiple interlocks
- ▶ **Road Speed Control**
 - Actual road speed can be used in logic to shutoff PTO when truck goes over a predetermined/programmed road speed.
 - Road speed signal used as an input to body controllers, i.e. salt spreaders
 - Secondary road speed limit can trigger functionality through DLB to limit the truck speed. For example, the dump bed up signal from the body can be used to limit road speed



UTILITY

- ▶ **Body Lighting**
 - Wiring is located back of the cab at the frame and includes sealed connectors for Tail/Amber Turn/Marker/Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
- ▶ **Remote Engine Speed Control**
 - Remote-mounted body builder interface wiring for engine speed control with Cummins® ISB engines
- ▶ **Power Take Off Control**
 - Electric control with dash-mounted switch, includes audible alarm and indicator light in gauge cluster - provides safe control of the power take off with multiple interlocks



RECOVERY

- ▶ **Wig-Wag Headlights**
 - Hi-Beam with park brake interlock. Park brake disables hi-beam wig wag, enables low-beam wig wag
- ▶ **High Amperage Switch**
 - Control one auxiliary load up to 40 amps with a factory-installed switch for a high amperage load such as a light bar. Power available in "IGNITION" or "ACCESSORY" key states
- ▶ **Remote Engine Speed Control**
 - Remote-mounted body builder interface wiring for engine speed control with Cummins® ISB engines
- ▶ **Power Take Off Control**
 - Electric control with dash-mounted switch, includes audible alarm and indicator light in gauge cluster - provides safe control of the power take off with multiple interlocks





CRITICAL VEHICLE HEALTH DATA AT YOUR FINGERTIPS

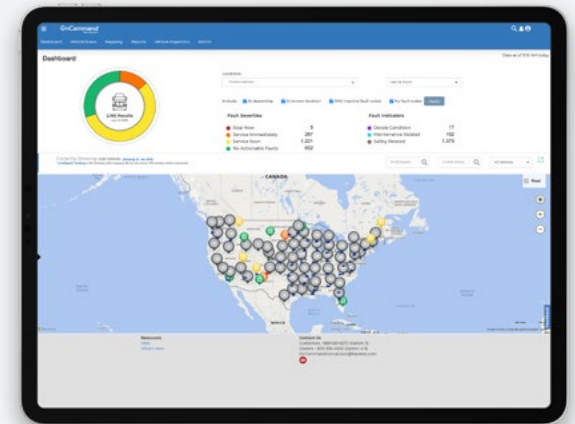
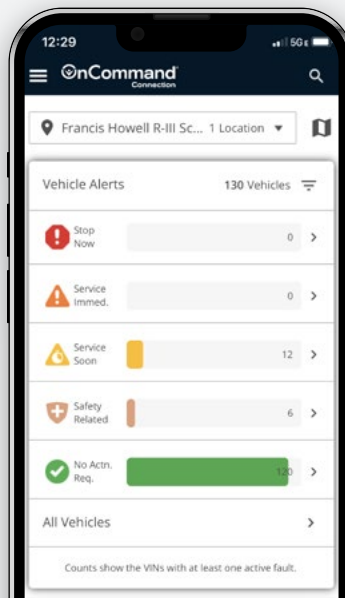
OnCommand® Connection Advanced Remote Diagnostics transforms raw vehicle data into actionable insights to help you stay in front of potential vehicle issues and keep your MV® Series at peak performance.



FEATURES INCLUDE:

- Reports on vehicle health issues that include severity ratings, likely needed parts and service, and recommended actions
- Comprehensive vehicle health reports that include performance data, fault history, and more
- Up-to-date GPS location with customizable geofencing reports that can help ensure vehicles are where they need to be
- Insights delivered how you need it — via our online portal, your email inbox, a mobile app, and more.

OCC Go Screen



TAKE YOUR PERFORMANCE TO THE NEXT LEVEL

We offer additional tools powered by OnCommand® Connection designed to give your business and operations that extra edge.

OTA Programming	Ensure peak performance with remote software calibration updates to the S13 Integrated Powertrain, anytime, anywhere
Fleet Health Monitoring	Reduce breakdowns with weekly reports on vehicles at highest risk of roadside failure
Advanced Preventive Maintenance	Optimize PM spending with data-driven, customized interval recommendations for your trucks
Advanced Fuel Analytics	Improve fleet efficiency with reports on key driver behaviors and other factors that affect fuel economy (i.e., cruise control use, idle time, harsh acceleration)

TRANSPARENT SERVICE COMMUNICATIONS WITH YOUR DEALER

Knowing when your vehicle's service and repair events will be complete is critical to keeping your business up and running. International® 360 makes the entire process faster and easier to manage.

- Updates via text and email keep you informed on the status of vehicles in service, including estimated time of completion
- Integrates telematics, dealer parts inventory, and other vital information into one easy-to-use tool
- Centralizes vehicle health data, service history, and more



New International MV® Series models come standard equipped with telematics and five years of service, including:

- **OnCommand® Connection Advanced Remote Diagnostics**
- **International® 360**
- **Intelligent Fleet Care**
 - Fleet Health Monitoring
 - Advanced Preventive Maintenance
 - Advanced Fuel Analytics
 - TPMS Integration (requires TPMS system installed on truck)
 - Gateway Integrations

5 YEARS

WHEN COMBINED, THESE SOLUTIONS CAN HELP FLEETS SAVE UP TO \$7,000 OR MORE OVER FIVE YEARS*

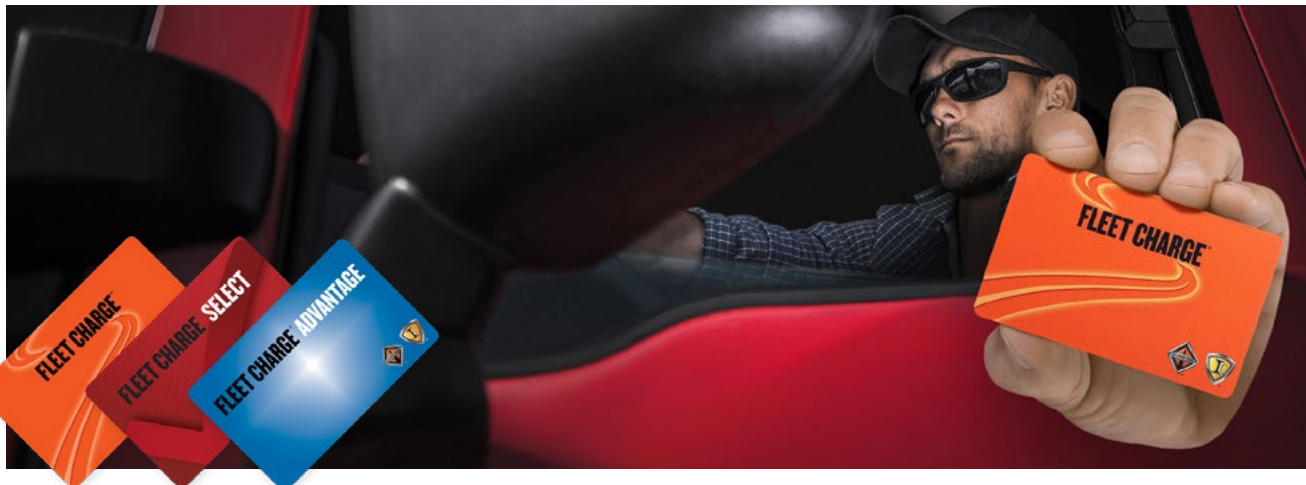
*depending on annual miles driven and other operational conditions



DRIVING PROFITABILITY

MORE TIME ON THE ROAD AND LESS TIME WAITING FOR REPAIRS

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.



Maximum Uptime - Repair before Failure



Prognostics that move unplanned repairs to planned. Optimizing maintenance using vehicle performance and predictive data.

Predictive Parts Stocking



Dealer parts inventory management uses AI and telematics data to predict stocking needs. This ensures the best parts are on dealer shelves to support customers.

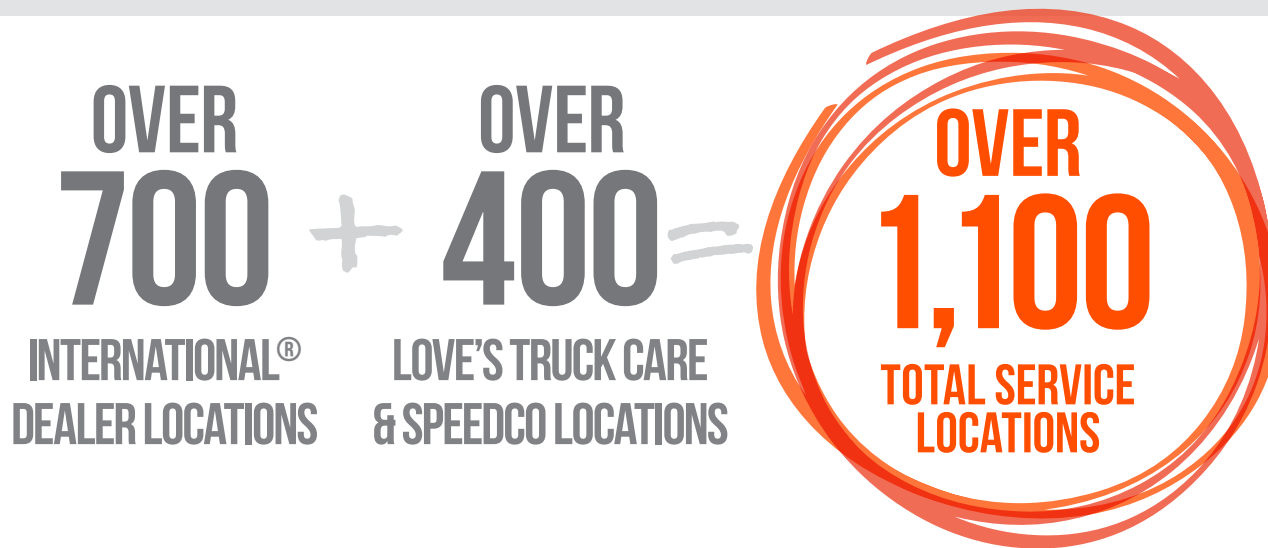
NAVISTAR FINANCIAL. UNLOCK YOUR POTENTIAL.

Navistar Financial offers flexible solutions to fit your financing needs, helping you secure the best products for your specific situation. Whether you're a loan customer or a lease customer the Navistar Financial team can provide you with the best option suited to your business.



For more information or to contact Navistar Financial, scan the QR code.

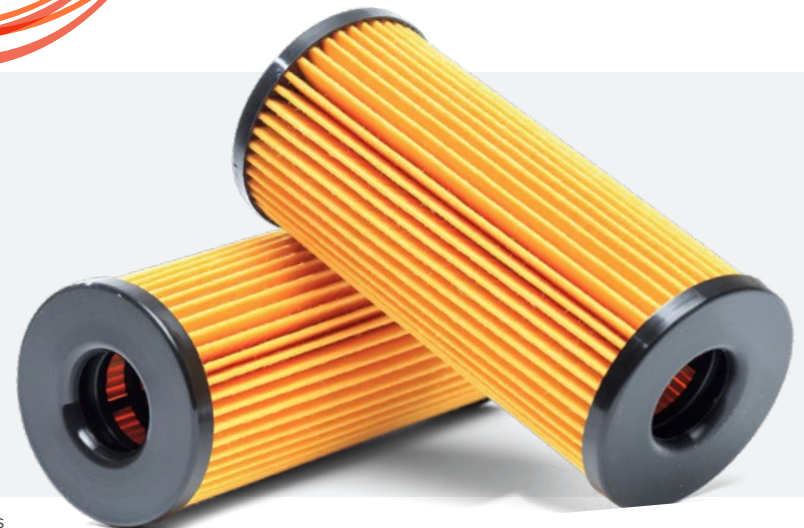
Scan me!



TRUCK CARE

Our partnership with **Love's Truck Care & 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



* Warranty-covered parts must be a certified International installed part for International Truck dealer service locations to honor warranty. Love's and Speedco locations in Texas and Louisiana cannot perform warranty services.

MV™ SERIES SPECIFICATIONS

GVW

- ▶ 21,500 – 54,600 lbs.

Models/BBC/BA

- ▶ MV607: 107" BBC, 40" BA
- ▶ MV60H: 107" BBC, 40" BA (Low Profile)

Cab Configurations

- ▶ Regular Cab
- ▶ Extended Cab
- ▶ Crew Cab

Wheelbase Options

- ▶ 128" – 311"

Axle Configurations

- ▶ 4x2, 6x4

Rear Axle

- ▶ Single Rear Axle (4x2)
 - Meritor: 13,500 – 30,000 lbs.
 - Dana Spicer: 13,500 – 30,000 lbs.
- ▶ Tandem Rear Axle (6x4)
 - Meritor: 34,000 – 40,000 lbs.
 - Dana Spicer: 40,000 lbs.

Front Axle

- ▶ Meritor: 8,000 – 14,600 lbs. (4x2, 6x4)
- ▶ Dana Spicer: 8,000 – 14,700 lbs.
- ▶ Hendrickson Steertek: 10,000 – 12,000 lbs.

Frames

- ▶ High-Strength Low-Alloy Steel
50,000 – 80,000 PSI
- ▶ Heat Treated Alloy Steel 120,000 PSI
- ▶ Clean CA available for body mounting

Front Suspension

- ▶ Spring, Parabolic Taper Leaf:
8,000 – 14,700 lbs.

Rear Suspension

- ▶ Spring, Single Vari-Rate:
13,500 – 31,000 lbs.
- ▶ Tandem, 4-Spring Multileaf:
34,000 – 40,000 lbs.
- ▶ IROS Air Suspension available for
Single and Tandem Axle

Electrical System

- ▶ Diamond Logic® Electrical System
- ▶ Alternators
 - 12 Volt 160 – 325 Amp.
- ▶ Battery Systems
 - 12 Volt, 2 to 3 Batteries
- ▶ Headlights
 - Long Life Halogen, Optional LED



Exhaust System

- ▶ Single, Horizontal, Aftertreatment Device Frame Mounted Right, Under Cab or Back of Cab, Horizontal or Vertical Tailpipe

Brakes

- ▶ Hydraulic Disc with Four Channel ABS, Optional Traction Control
- ▶ Air Brakes with ABS, Optional Traction Control, Optional Electronic Stability Program with Traction Control

Steering

- ▶ TRW/Ross Power
- ▶ Sheppard Power

Engines

- ▶ Cummins B6.7: 200 - 360 hp and 520 - 750 lb.-ft. of torque*
- ▶ Cummins L9: 260 - 360 hp and 860 - 1,150 lb.-ft. of torque**

Transmissions

- ▶ Eaton® Fuller: 6, 10 Speed Manual
- ▶ Allison: 1000, 2000, 3000 Series (HS, EVS, RDS, MH) Automatic
- ▶ Eaton® Fuller: Advantage 10 Speed Fully Automated Manual

Fuel Tank

- ▶ 40 - 140 Gallon Non-Polished and Polished Aluminum, Mounted Right Side, Left Side or Dual Under Cab

DEF Tank

- ▶ 5 - 16.5 Gallon

Tires

- ▶ Continental, Michelin, Goodyear, Bridgestone, Hankook, Yokohama

* 340 hp and 700 lb.-ft. of torque / 360 hp and 800 lb.-ft. torque ratings available for emergency vehicles only

** 260 hp and 860 lb-ft torque rating is not available for emergency

For information on International® Truck's electric offerings, please see the eMV™ Series brochure.



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. TAD21002 11/2023 ©2023 NAVISTAR Inc. All rights reserved. All marks are trademarks of their respective owners.