

TERRAStar®



TERRASTAR®





INTRODUCTION	EASE OF OPERATION	ENGINES	COMMERCIAL-GRADE	DIAMOND LOGIC	INTERIOR	CONFIGURATIONS	ONCOMMAND	DEALER NETWORK
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IT WAS BORN
COMMERCIAL-GRADE

When it comes to getting the tough jobs done, few trucks are as ready to get down and dirty as the International® TerraStar.® That's because the rugged TerraStar was built from the ground up to be the ultimate commercial-duty truck.

TerraStar hails from 100 years of truck-building experience. That expertise shows in every facet of this truck. TerraStar is built on the three pillars of commercial-duty performance: ease of operation, efficient power and commercial-grade components.

So if you need a tough, reliable and efficient work truck that'll get the job done, the TerraStar isn't just up for the job—it was born for it.



The TerraStar interior was built for maximum comfort and productivity.

Compared to the leading competitor, TerraStar's frame rails are rated 30,000 PSI higher.

ENGINEERED
TO MAKE YOUR
JOB EASIER

Best-In-Class Cab Room

We built TerraStar® with room to spare. Compared to the leading competitor, TerraStar gives you 8" more interior width, 11" more headroom, 2" more belly room, and 20% more overall cab volume.

Compared to the leading competitor, TerraStar gives you:

- Best-in-class visibility
- Best-in-class cab room
- Easy-tilt hood
- Easy-entry and egress
- Excellent maneuverability
- Smoother ride and handling with IROS



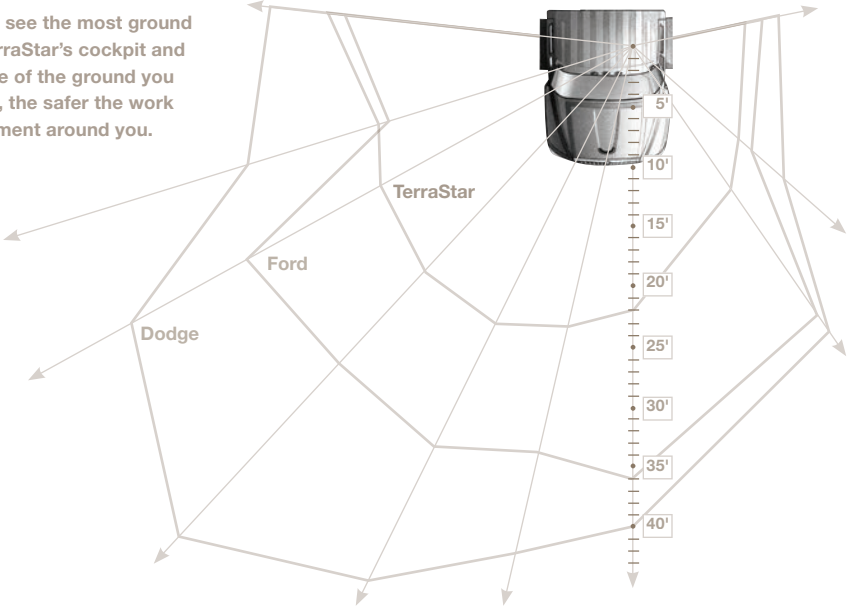
Best-In-Class Visibility

When you're on the job, the better you see, the better you perform. The TerraStar offers 38%* better front forward visibility versus the leading competitor, for increased safety and efficiency.

- ▶ Large, curved, swept-back windshield offers commanding view of the road
- ▶ 15-degree sloped hood provides superior ground visibility
- ▶ King-size mirrors with large convex section and oversized vent wing windows give drivers excellent side and rear visibility

TERRASTAR DELIVERS SUPERIOR GROUND VISIBILITY

You can see the most ground from TerraStar's cockpit and the more of the ground you can see, the safer the work environment around you.



Easy-Tilt Hood

Unlike competitive trucks, which feature stamped sheet metal hoods and automotive-style front openings, the TerraStar hood is designed for easier serviceability.

- ▶ Full-tilt means unobstructed access to engine
- ▶ 3-piece composite design is strong, but light
- ▶ Easily operated from ground level
- ▶ Requires just 17.7 lbs. of lifting effort



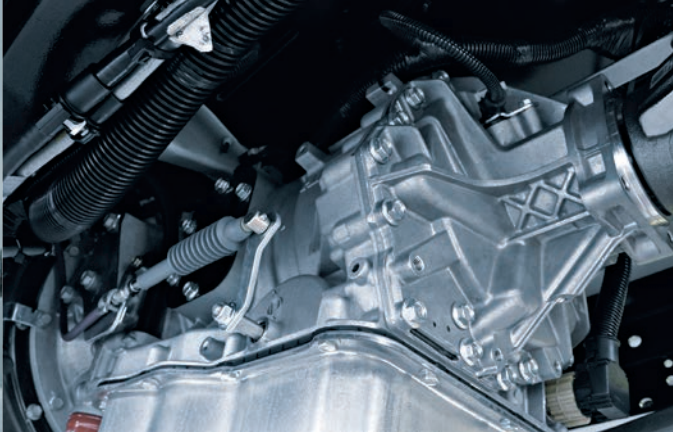
Easy Entry and Egress

62" door swing makes it one of the most accessible cabs in the industry.



Maneuverability

Excellent rear visibility further enhances safety.



Standard Automatic Transmission

The standard commercial-duty Allison 1000 and optional Allison 1350 series transmissions give TerraStar easy drivability.



* Based on 4 x 2 configuration

EFFICIENT POWER YOU CAN COUNT ON

Whatever your business, a fully integrated, fully capable truck and engine is a must to ensure top performance and reliability. Thanks to the 300-hp MaxxForce® 7, a V-8 designed for medium duty, TerraStar® delivers just that.

The MaxxForce® 7 Engine Features:

- Compacted graphite iron engine block (high strength, less weight)
- Outstanding fluid economy due to high pressure common rail system
- Lower NVH helps to make jobsites safer



MAXXFORCE® 7 SPECS

Built on a high-strength, lightweight CGI engine block, MaxxForce 7 is purpose-built for your business.

Peak Horsepower	(bhp @ 2600 rpm)	300
Peak Torque	(lb.-ft. @ 1600 rpm)	660
Gov. Speed	(rpm)	2900
Clutch-Engagement Torque	(lb.-ft. @ 800 rpm)	350

OUTSTANDING FUEL ECONOMY

A major key to MaxxForce 7 performance is its advanced fuel system, which features high injection pressure of 1900 bar (approximately 28,000 psi) for precise fuel dosing, injection timing and optimal combustion. The results: better fuel efficiency and one of the quietest running diesel engines in the industry.

EXCELLENT POWER

The MaxxForce 7 provides big power in an efficient V-8 package. Horsepower has been boosted up to 300 horsepower and 660 lb.-ft. of torque. The dual sequential turbochargers design and high-pressure common-rail fuel system yield higher peak power for impressive acceleration, grade climbing and towing capability.

DRIVER COMFORT

The industry leading precision high-pressure fuel injection system features electronically-actuated piezo injectors that deliver up to five independent injections per cycle for smooth, full combustion. This results in low NVH and smooth acceleration for exceptional drivability and one of the quietest diesel engines on the road.

RELIABILITY

The MaxxForce 7 was designed for maximum reliability and serviceability. Robust components – starting with the high-strength compacted graphite iron (CGI) block – and reduced electrical connections mean more uptime and faster service turnarounds. The MaxxForce 7 features the industry's only Class 4-7 CGI block. The MaxxForce 7's compacted graphite iron block brings increased durability and lower noise without added weight, compared to typical gray iron. CGI has at least 75% higher tensile strength, 45% higher stiffness and near double the fatigue strength of gray iron.



STRENGTH WITHOUT MASS

Thanks to a cylinder block made of compacted graphite iron, the MaxxForce 7 is both stronger and lighter than conventional engines built with gray iron.



INTRODUCTION

EASE OF OPERATION

ENGINES

COMMERCIAL-GRADE

DIAMOND LOGIC

INTERIOR

CONFIGURATIONS

ONCOMMAND

DEALER NETWORK

THIS TRUCK WAS BORN COMMERCIAL-GRADE

From the get-go, TerraStar® was designed to exceed the expectations of work truck customers, and to set new industry standards for the Class 4/5 market. The result is a truck that's commercial-duty in every aspect.

TerraStar Features:

Best-in-class frame rails, rated at 80,000 PSI

Huck-bolted cross-members and frames

Commercial-duty Allison 1000 and 1350 series transmissions

Frame-mounted steel steps



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Best-In-Class Frame Rails

Made from high-strength, low-alloy steel, TerraStar frame rails are rated at an incredible 80,000 PSI, that's 30,000 PSI more than the leading competitor, and gives you the highest yield strength in Class 4/5.

Huck-Bolted Frame

The cross-members and frame on the TerraStar are huck-bolted together. It also features standard C-Channel reinforcement over the transitional rail area, for maximum toughness and reliability.

Allison Transmission

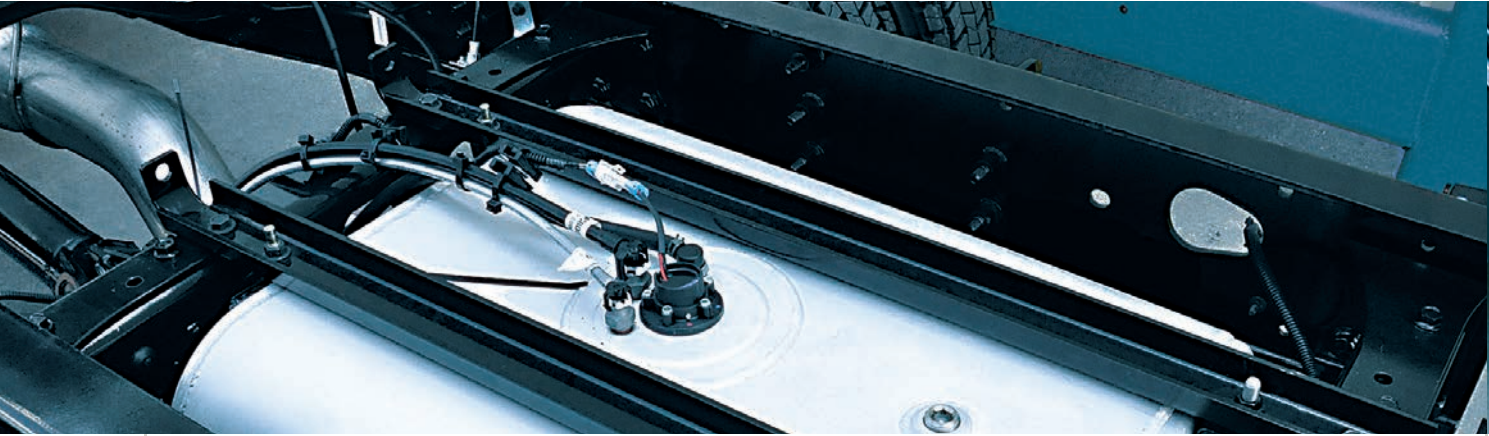
TerraStar's available rugged, commercial-duty Allison 1000 and optional Allison 1350 series transmissions provide optimal on-the-job performance and durability. Their seamless power shifts allow faster acceleration, while making trucks more nimble and easier to maneuver.

Available 4x4 Drive Train

With the release of the new TerraStar 4x4, you'll be able to venture into terrain that other trucks don't dare touch, bringing a whole new level of versatility to your fleet.

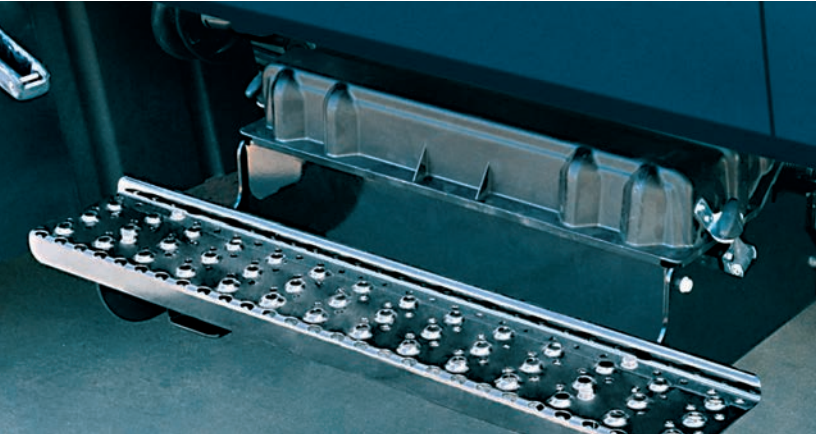
Fabco Transfer Case (4x4)

- The only gear driven transfer case in its class
- Chain driven transfer cases can't carry the high loads that the forged helical gears of the Fabco case can carry and stretch and break over time
- Forged helical gearing with tapered roller bearings gives high torque and horsepower capacities while offering a quiet and smooth driving experience on the highway
- The 2-speed design with deep reduction low range gear ratio enables for greater off road mobility
- Precision cast iron housing also offers rugged durability with optimized weight



High-Strength Frame Rail

TerraStar's low-alloy steel frame rails are rated at a remarkable 80,000 PSI to help you take on tougher loads than the competition can handle.



Frame-Mounted Steps

Unlike competitive trucks, which offer cab-mounted molded plastic running boards (or none at all), TerraStar features commercial-grade steel steps mounted to its frame, for easier cab entry and egress.

THE BRAINS BEHIND THE TRUCK

The Diamond Logic® Advantage

With the Diamond Logic® electrical system, the engine, transmission, instrument panel and other vehicle components continuously communicate with each other electronically. By monitoring critical vehicle functions and relaying information to the driver, it ensures safe, efficient vehicle operation.

This self-diagnosing and self-monitoring system, which also features automated pre-trip vehicle inspections, allows drivers and technicians to accurately pinpoint electrical problems, for quicker troubleshooting and repairs.

Operational Benefits:

Increases reliability and uptime

Reduces repair costs

Maximizes profit

Diagnostics and safety interlocks make for greater uptime



State-of-the-Art Multiplexing Technology

Multiplexing is the foundation for communication between functional areas of the vehicle.

- ▶ Gives you constant updates on all vehicle components, to head off potential problems faster
- ▶ Reduces wiring by 40%, for fewer electrical shorts and fewer breakdowns
- ▶ Electronic circuit modules and software perform vehicle functions, instead of a complex wiring harness

Pre-programmable Features & Applications

Diamond Logic's programmable system allows for the option of automation of tasks and interlocks, to protect the equipment from inadvertent damage due to operator error.

- ▶ Headlights can be programmed to turn on with windshield wipers
- ▶ When the parking brake is released, the PTO will shut down
- ▶ Safety interlocks based on the truck's application

APPLICATIONS

Dump A back-up alarm and dump bed indicator lights and tarp controls can be factory-installed for safety and TEM convenience.

Fire/Emergency Passenger-controlled air horns can be factory-installed, as well as a remote engine speed control to set the pump speed as well.

Propane/Compressed A theft-deterrent system can be added, requiring a security code for the vehicle to be driven. Air solenoids can be factory-installed to control valves to the propane delivery system. Remote shutdown allows driver to shut off the engine outside of the cab in emergencies.

Utility Alarms can be installed to alert drivers and operators when equipment is not stored properly. Remote power modules (plug and play integration between body equipment and chassis) can be installed.

DIAMOND LOGIC DELIVERS

- 1** A stored record of programmed electrical circuit configuration, for future reference in troubleshooting of updating systems, prevents undue travel and labor costs when repairing vehicle.
- 2** Reliability and life expectancy are increased with low current components and long-life LEDs for gauge cluster warning lights and switch indicators, maximizing uptime.
- 3** Onboard diagnostics monitor electrical modules. Trouble codes are shown on the LCD display and stored in the system for quick troubleshooting and increased uptime.
- 4** A full range of pre-programmable features, including pre-trip inspections (e.g., a light check function), that help drivers ensure truck is ready for service.
- 5** Safety interlocks, which are operational limits and rules within the electrical system, can be set to avoid costly damage or injury to the vehicle, the equipment or the operator.



A high-angle, close-up photograph of a truck's interior. The steering wheel is prominent in the foreground, featuring a central logo and control buttons. The dashboard with several gauges is visible behind it. The seats are upholstered in a light-colored, textured fabric. The overall lighting is dim and blue-tinted, creating a professional and focused atmosphere.

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DIAMOND LOGIC

INTERIOR

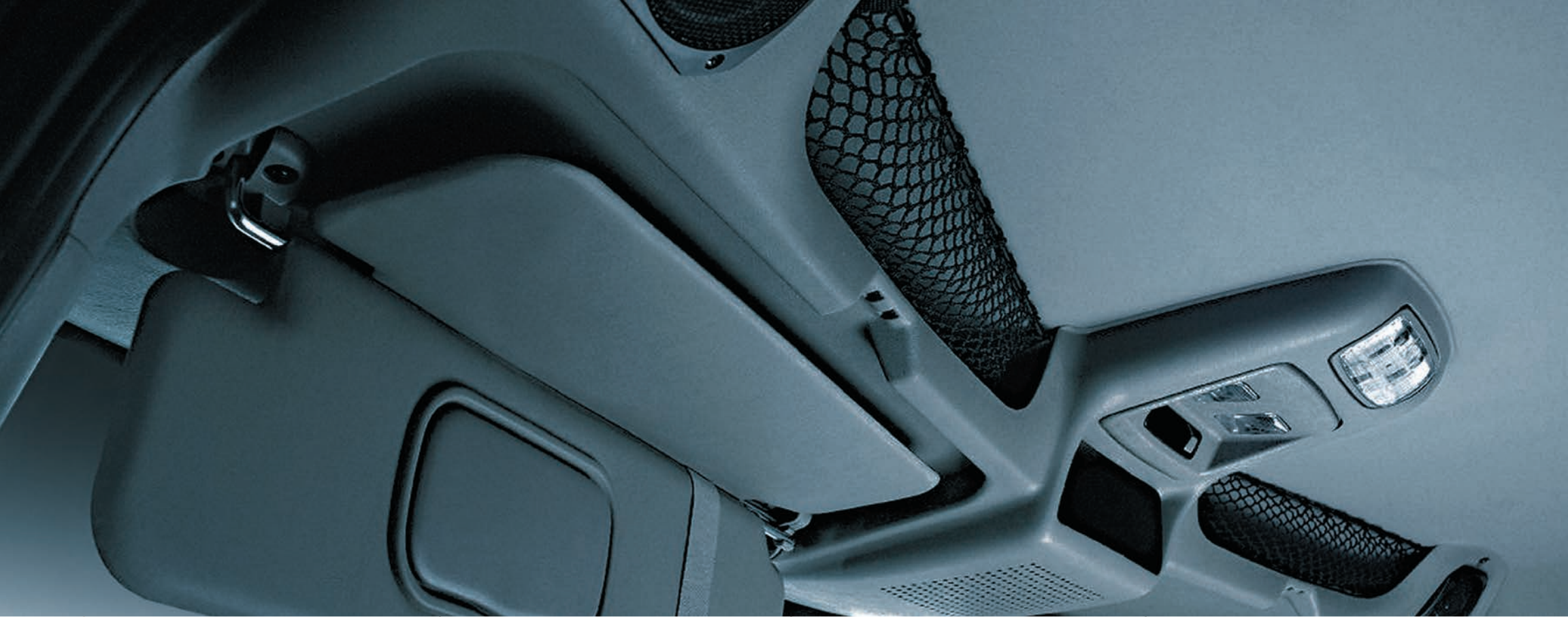
CONFIGURATIONS

ONCOMMAND

DEALER NETWORK

THE INSIDE STORY ON PRODUCTIVITY

A truck's interior and comfort level can make all the difference between a good workday and a bad one. Fortunately for drivers of the TerraStar,[®] its interior was built for maximum job satisfaction.



Comfort and Productivity

- ▶ The 82" cab is 8" wider than the leading competitor
- ▶ Cab height is 11" greater than competition—the most headroom in its class
- ▶ Cab volume is 20% larger than the leading competitor
- ▶ Ergonomic dash layout, instrument panel design and steering wheel positioning
- ▶ Flat floor and no tunnel housing for increased comfort and cab room

- ▶ High-output HVAC systems and available state-of-the-art filtration systems
- ▶ Storage includes standard overhead console, dual cup holders, driver's door pocket
- ▶ Industry's largest extended cab option and industry's largest crew cab that seats up to six comfortably
- ▶ Optional adjustable tilt telescopic steering column

Quality Ride

- ▶ Four-point rubber cab mounts isolate cab from road noise and vibration
- ▶ Premium cab insulation and tight, automotive-grade cab seam tolerances reduce noise, vibration, severe temperatures and road noise

Easy Upfitting

- ▶ Center dash panels can accommodate banks of auxiliary switches for aftermarket controls
- ▶ Flat cab floor allows for routine installation of body control equipment



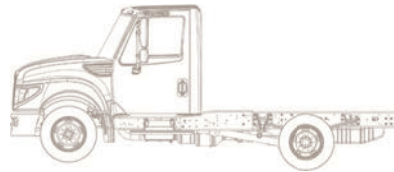
GET THE TRUCK YOU
NEED, EXACTLY THE WAY
YOU WANT IT

An International® Truck Specialty Center can modify TerraStar® to your needs while maintaining our rigorous standards. TSC Sales Engineers can help you install job-specific equipment and boost vehicle performance. And we can do it all without voiding the original warranty.

So to get the modifications you need to get your specific job done, count on an International Truck Specialty Center.

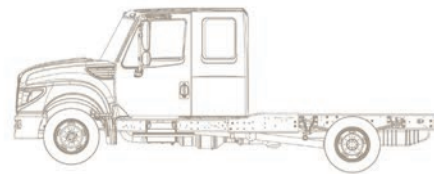


INTERIOR TRIM	DELUXE TRIM LEVEL	PREMIUM TRIM LEVEL
Cab Interior Trim Panels	Cloth-Covered Molded Plastic	Cloth-Covered Molded Plastic
Door Trim Panels	Molded Plastic	Molded Plastic with Cloth Insert on Bolster
Headliner	Soft Padded Cloth	Soft Padded Cloth
Cab Sound Insulation	Available	Standard
Seat Material	Cloth Vinyl	Cloth Vinyl
Floor Covering	Black Rubber	Black Rubber
Instrument Panel Trim	Molded Plastic with Black Center Section	Molded Plastic with Black Center Section
Sun Visor	Two Visors with Driver Side Toll Ticket	Two Moveable Visors with Driver Side Vanity Mirror, Toll Ticket Strap and Auxiliary Visor
Coat Hook	Standard	Standard
Dome Light	Standard	Standard
Courtesy Light	Available	Available
Door Storage Pocket	Molded Plastic, Driver Side	Molded Plastic, Driver and Passenger Side
Overhead Console	Molded Plastic with Dual Storage Pockets with Retainer Nets and CB Radio Pocket	Molded Plastic with Dual Storage Pockets with Retainer Nets, CB Radio Pocket, Speakers and Reading Lights
Cup Holders	Two Cup Holders in Lower Instrument Panel	Two Cup Holders in Lower Instrument Panel
Ambient Temperature Gauge and Compass	Available	Standard



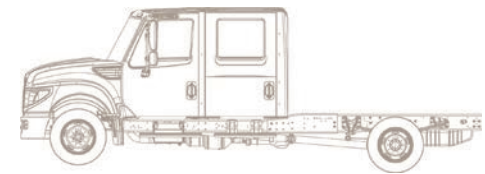
STANDARD CAB

(WHEELBASE: 134,158,183,195, 213, 224)



EXTENDED CAB

(WHEELBASE: 160,185, 209)



CREW CAB

(WHEELBASE: 179, 203)

CONFIGURATIONS



AMBULANCE



LANDSCAPE AND HAULING



ELECTRICAL, CABLE AND CITY SERVICES



TOW



CONSTRUCTION



DELIVERY

Visit InternationalTrucks.com/terrastar to custom-build a TerraStar to suit your specific business needs.

TAKE COMMAND OF YOUR BUSINESS

In order for your business to run at its best, your trucks must be running at their best. That's why we created OnCommand™, the most customer-friendly package of service solutions in the industry.

With an arsenal of business tools to choose from, OnCommand helps you achieve more efficient repairs and maintenance, better lifecycle value, and an overall lower total cost of ownership. Ultimately, it gives you better control of your business.

 **OnCommand™**



THE THREE CATEGORIES OF ONCOMMAND™ SOLUTIONS

KNOWLEDGE

OnCommand Service Information	A centralized, VIN-based, online source of parts and service information for fleet managers and technicians. Facilitates faster, more accurate diagnosis, repair and maintenance.
OnCommand Parts Information	This web-based catalog provides instant access to parts lists. Includes illustrated parts breakdown diagrams, for easier parts identification. Shows real-time parts availability.

CONTROL

OnCommand Service Partner	This dealer-provided maintenance and repair program provides fast, accurate repair estimates, fixed labor times for specific repairs, and expedited service.
OnCommand Fleet Charge®	This powerful purchasing card program gives customers guaranteed pricing, consolidated billing, customized accounts and parts information. Helps manage parts and service expenses.
OnCommand Preventive Maintenance	This program ensures that vehicles get the best parts, premium oil and filters, and exclusive service from factory-trained, certified technicians. Purchase by job or for extended periods.
OnCommand Parts Return Program	An industry-unique program to return unused parts (whether excess or obsolete), regardless of make, with the potential for full reimbursement at fleet cost.

EDUCATION

OnCommand Education	Vehicle maintenance education solutions for technicians, operators and fleet managers, including both web-based courses and instructor-led training at local training centers.
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With its parts breakdown diagrams, OnCommand makes finding and ordering the right parts simpler.



Trust your International dealer to provide you with factory-trained preventive maintenance and inspections to help you achieve the maximum life from your truck.

WITH NEARLY 700 DEALER
LOCATIONS, WE'RE THERE
WHEN YOU NEED US

Every game-changing TerraStar® comes with continuing support, no matter when or where you need it.

With some of the industry's best-trained technicians and an extensive parts inventory, we've also earned a reputation for unrivaled customer service. So you can count on us to get your trucks back on the road more quickly.

Dealer Network Features:

- Nearly 700 dealer locations
- Nearly 8,000 technicians
- Nearly 10,000 service bays
- Nearly 200 body shops throughout North America



TERRAStar SPECS AT A GLANCE

AXLE CONFIGURATIONS	<ul style="list-style-type: none">▶ 4x2▶ 4x4
CAB CONFIGURATIONS	<ul style="list-style-type: none">▶ 107" BBC Standard Cab▶ 132.9" BBC Extended Cab▶ 150.9" BBC 6-man Crew Cab
ENGINE	<ul style="list-style-type: none">▶ MaxxForce® 7 with 300 hp/660 lb.-ft. torque
TRANSMISSION	<ul style="list-style-type: none">▶ Allison: 1000 Series 5-Speed Automatic▶ Allison: 1350 Series 5-Speed Automatic
FRONT AXLE	<ul style="list-style-type: none">▶ Dana Spicer: 6,000 - 7,000 lbs. (4x2)▶ Dana Spicer Front Driving: 8,000 lbs. (4x4)
REAR AXLE	<ul style="list-style-type: none">▶ Dana Spicer: 10,000; 11,000; 13,500 lbs.
FRONT SUSPENSION	<ul style="list-style-type: none">▶ Taper Leaf Spring 6,000; 7,000 lbs. capacity
REAR SUSPENSION	<ul style="list-style-type: none">▶ Vari-Rate Spring(s) 11,000; 13,500 lbs. capacity▶ Air Ride (IROS) 12,000 lbs. capacity
FRAME RAIL	<ul style="list-style-type: none">▶ High-strength, Low-alloy Steel▶ 80,000 PSI Rating
GVWR CAPACITY	<ul style="list-style-type: none">▶ 16,000 - 19,500 lbs.
BRAKES	<ul style="list-style-type: none">▶ Hydraulic Disc with ABS
ELECTRICAL SYSTEM	<ul style="list-style-type: none">▶ Diamond Logic® Electrical System: Multiplexed▶ Alternators: 120, 185, 220, 320 Amp▶ Battery Systems: Up to 3 Batteries
TIRES	<ul style="list-style-type: none">▶ Continental▶ Goodyear▶ Michelin
EXTERIOR TRIM	<ul style="list-style-type: none">▶ Argent▶ Chrome
PAINT	<ul style="list-style-type: none">▶ Thousands of Different Color Options

Navistar Capital

When it comes to financing your business, experience matters. Navistar Capital has 60 years of experience and a heritage rooted in truck financing, with financing options that can be built to meet your business needs, including:

- ▶ Retail finance contracts
- ▶ Fair market value leases
- ▶ TRAC leases
- ▶ Rebate leases

For more information, visit navistarcapital.com. In Canada, visit GEcapital.com.

NAVISTAR[®]
CAPITAL
a GE Capital program





www.InternationalTrucks.com

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