

ELECTRIC



ELECTRIC CE



IC BUS®
ELECTRIC CE SERIES SCHOOL BUS





CHARGING TO THE HEAD OF THE CLASS

THE TIME HAS FINALLY ARRIVED. THE ELECTRIC SCHOOL BUS IS HERE. QUIET, SMOOTH, RELIABLE, LOW MAINTENANCE, ZERO OPERATING EMISSIONS — WHEN IT COMES TO THE TRANSPORTATION OF OUR STUDENTS, THIS SOLUTION EARNS AN EASY A.

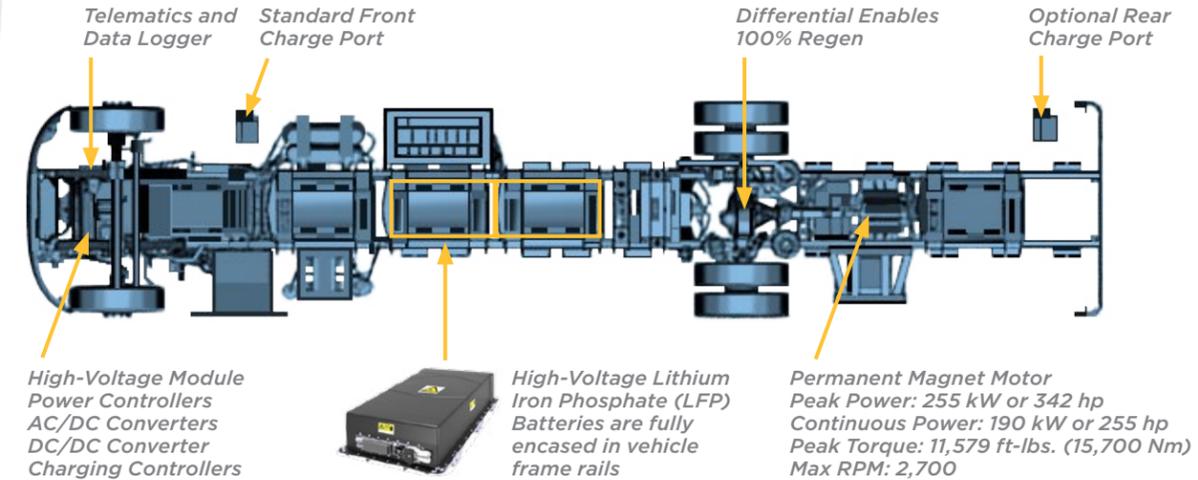


Perhaps no transportation mode is more suited to electric propulsion than the school bus. With predictable, consistent routes and central parking and maintenance depots, school districts are the perfect candidates for electric buses. Plus, with no tailpipe emissions, quiet operation and turnkey reliability, electric propulsion is quickly becoming a preferred option. As the market leader, IC Bus® is charging ahead with an electrified version of our flagship CE model school bus.

QUIETLY MAKING A GRAND ENTRANCE

The Electric CE Series doesn't just tiptoe into the electric bus segment. It represents a thoroughly thought-out solution based on the tried-and-true CE platform. In fact, the Electric CE Series includes all the functionality and safety features that school bus drivers everywhere know and love. It just happens to also include industry-leading electric propulsion technology.

INDUSTRY-LEADING STANDARD FEATURES



ELECTRIFYING PERFORMANCE

The myth of slow and plodding electric vehicles has long been disproved. It's now common knowledge that EVs offer an incredible amount of instant torque for quick, off-the-line acceleration and unbeatable hill-climbing ability.

ELECTRIC CE SERIES PERFORMANCE

- ▶ Available best-in-class 200+ mile range
- ▶ Smooth, consistent acceleration and power delivery
- ▶ Peak power 255 kW or 342 hp

ONLY PAY FOR WHAT YOU NEED

We understand that not all routes are the same; some are longer, some are shorter. So why would you pay for a long-range battery you don't need? By offering two battery sizes, the Electric CE Series provides options that can help you meet your budget.

MID
135 MILES
210 kWh

MAX
200+MILES
315 kWh*

THREE LEVELS OF REGENERATIVE BRAKING

One reason why the Electric CE Series can achieve such impressive range is due to its regenerative braking technology. Instead of using friction from the brake rotors (which is wasted energy), the Electric CE uses its own electric motor to slow down under moderate braking.

However, the Electric CE takes it a step further by employing three levels of driver-selected regenerative braking:

Level 1 provides a similar level of slowing as the automatic transmission in a diesel bus, and is recommended for long trips on flat, interstate-style roads.

Level 2 provides a moderate amount of regenerative braking.

Level 3 is the most aggressive, and allows for "one pedal" driving. Level 3 will slow the vehicle down to a few miles per hour, with the driver using the service brake to bring the vehicle to a complete stop.

*Where available; consult IC Bus dealer for details.



FEWER PARTS = LOWER MAINTENANCE COST

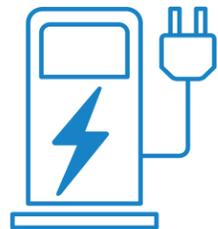
**IT'S NO SECRET
ELECTRIC VEHICLES
REQUIRE LESS
MAINTENANCE.**

With substantially fewer parts, an electric motor simply does not have the maintenance or service requirements of an internal combustion engine. Plus, thanks to regenerative braking, the standard brakes last much longer between service intervals.



TAKE THESE OFF YOUR SERVICE PLATE

- ▶ No engine oil maintenance
- ▶ No transmission maintenance
- ▶ No fuel filters
- ▶ No turbos, no EGR, no injectors
- ▶ No engine air filters, no MAF, no O2
- ▶ No aftertreatment



A TURNKEY SOLUTION

Making the switch to electric can seem daunting at first. That's why we created the IC Bus® Zero Emissions team to provide turnkey solutions for every step of incorporating a zero-emissions vehicle into your fleet.

CHARGING INFRASTRUCTURE

Implementing your charging infrastructure depends on many factors: individual bus requirements, route length, operating environment, time between charging, and the future of the fleet transformation, among others. For most fleets with centralized operations, a charging depot will be the perfect charging solution.

Depending on how frequently the vehicles need to charge, AC, DC or a combination of methods will supply your fleet of buses with all the electricity they need. Our Zero Emissions team will work with you to find the right charging solution for your fleet needs.

AC and DC Charging Capable

- 19.2 kW maximum AC charging rate
- 125 kW maximum DC charging rate

Charging Status and State of Charge

- Displayed on dash cluster

Onboard Charger — AC/DC Converter

135-Mile DC Charging Time @ 125 kW

| State of Charge | Time to 80% | Time to 100% |
|-----------------|-------------|--------------|
| 20% | 55 minutes | 80 minutes |
| 40% | 35 minutes | 62 minutes |
| 60% | 18 minutes | 44 minutes |
| 80% | N/A minutes | 25 minutes |

There are several factors that may affect the charging times. The IC Bus Zero Emissions team can support you in making the right choices for your fleet.

IC BUS CONNECTS WITH KAJEET SMARTBUS™, THE #1 PROVIDER OF SCHOOL BUS WI-FI

In collaboration with IC Bus, Kajeet SmartBus™ will be providing safe, easy-to-use Wi-Fi that enables students to keep learning while they travel. As the number one provider of school bus Wi-Fi, SmartBus allows up to 65 students to connect at once. This makes it ideal for daily bus routes, athletic buses, field trips, mobile STEM labs, and bookmobiles.



Kajeet SmartBus Wi-Fi comes standard with a 12-month subscription on all new buses.

K-12 students in the U.S. spend an average of 180 hours on the school bus each year, equaling 20 total instructional days per student.

-American School Bus Council

Sentinel® Portal Works for Education

As a SmartBus Wi-Fi solution, the Kajeet Sentinel portal allows administrators to manage devices and filters, access controls and data allocations, and retrieve key insights about program performance. It's intended for educational use only, which means CIPA-compliant filters are preconfigured to block inappropriate sites, social media, and streaming sites (like TikTok and Netflix).

A PRODUCTIVE WAY TO SPREAD CONNECTION

Around 30 percent of all U.S. students do not have adequate internet at home, which introduces many challenges when it comes to schoolwork. This typically results in lower graduation rates and lower test scores. IC Bus wants to help bridge that digital divide with Wi-Fi access, filling up previously unconnected time for students and closing the homework gap between school and home.

EASY TO INSTALL, EASY TO MAINTAIN

School resources can be thin. That's why no prior network knowledge is needed to connect with Kajeet SmartBus Wi-Fi, making it easy and helpful for everyone. SmartBus Wi-Fi goes beyond connection with lifetime resources to help maintain productivity for buses on the commute. These lifetime resources provide access to:

- ▶ Dedicated account managers
- ▶ Training for administrators
- ▶ Tier 1 support for parents, students, and educators

All web traffic that runs through the SmartBus network will also run through the Kajeet network, so getting said support will always be a breeze. This pulls the larger burden off the IT department and places it directly on the capable and connected shoulders of this new partnership.



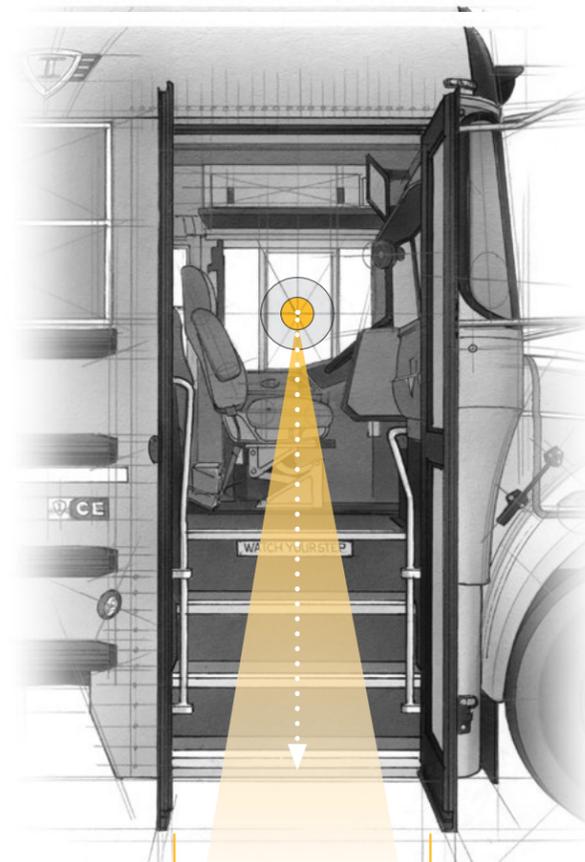


SAFETY BEYOND REPROACH

IC BUS® TAKES A COMPREHENSIVE APPROACH TO SAFETY

CE SERIES SAFETY FEATURES

- ▶ Best-in-class stepwell is better aligned with the driver's field of view versus the competitors and does not taper toward the top, allowing for easier and safer loading and unloading.
- ▶ Long grab handles extend close to the ground and are reachable by even the smallest passengers.
- ▶ Integrated front bumper crossing control gate helps to ensure that students do not cross in front of the bus.
- ▶ Standard Leave No Student Behind® feature ensures drivers disable alarm at rear of bus before exiting, ensuring no student is overlooked.
- ▶ Automatic traction control (standard with ESC) helps the driver maintain control on slick roads.
- ▶ Bendix® ESP® stability system may help mitigate rollovers and loss of control on a wide variety of road conditions. Full stability systems like this one deliver more performance than roll-only systems, thanks to additional sensors and braking capability.
- ▶ The Electric CE Series features class-leading standard air disc brakes for robust stopping power during emergency braking events.
- ▶ The Electric CE Series high-voltage batteries are located between the frame rails for enhanced protection in the event of an impact.
- ▶ To ensure that pedestrians are alerted to the proximity of the bus, the Electric CE Series includes a standard exterior noisemaker.



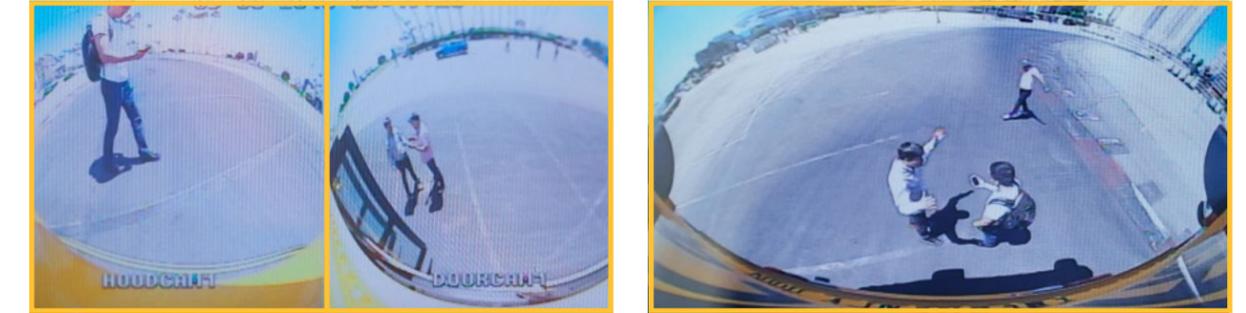
STRAIGHT STEPWELL ALIGNS WITH THE DRIVER'S FIELD OF VIEW

IC BUS FULL VIEW CAMERA TECHNOLOGY™ BY ROSCO

IC Bus is proud to offer the industry's first camera system designed specifically for school buses. Combined with the side mirrors, this advanced system will allow bus drivers to have a "full view" around the bus, so they can concentrate on driving and keeping kids safe. Co-developed with Rosco, IC Bus designed the industry's first purpose-built camera for a school bus application.

FULL VIEW CAMERA FEATURES

- ▶ Provides drivers views based on the situation at hand, such as backing up, opening the door, or a view to the side or front of the bus.
- ▶ Purpose-built camera technology designed to not overload the driver with too much information, but instead provide them with the right information at the right time.
- ▶ Gives the driver a greater feeling of security and peace of mind, with the combination of the full view camera technology and driver mirrors.
- ▶ Provides accurate visibility to the areas that matter most around the bus.



Front View

Side View

Rear View



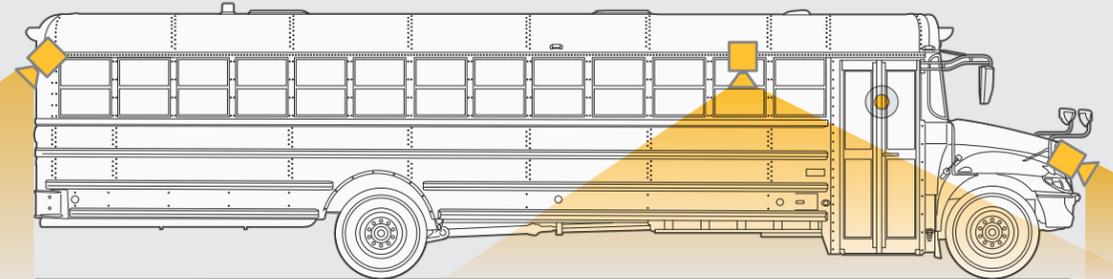
The Full View Camera System displays the most appropriate view based on the situation at hand, including backing up; opening the door; or the view of the front, side or rear of the bus.



AUGMENTS EXISTING SAFETY FEATURES

AVOIDS INFORMATION OVERLOAD WITH A FOCUSED, INTUITIVE APPROACH

CAMERA SYSTEM LOCATIONS





TAKE COMMAND

THE MOST IMPORTANT FACTOR IN EVERY SAFE JOURNEY IS A TRAINED BUS DRIVER. DRIVING A BUSLOAD OF CHILDREN TO AND FROM SCHOOL TAKES A DEFT TOUCH, ALERTNESS & CONCENTRATION.

The driver's cockpit of the CE Series has been carefully designed using the measurements of more than 1,500 bus drivers to ensure maximum comfort and reduce driver fatigue.

VISIBILITY. A NO-COMPROMISE APPROACH

Maintaining a high level of visibility of the road and pedestrians is one of the most important factors in bus design. The CE Series includes many features designed to enhance visibility and put the driver in a position to succeed.



EASY-REACH DESIGN

- ▶ Electrically activated entrance door to increase driver control during loading and unloading, with standard vandal lock on electric door
- ▶ Eight lamp and entrance door switches placed on the steering wheel allow the driver to keep his/her hands on the wheel during loading/unloading situations

The Electric CE Series features a state-of-the-art digital gauge cluster for easy readability, and coaching for efficient driving.



DRIVERFIRST™

DESIGNED WITH DRIVERS IN MIND

- 1. Driver Seat Options:** IC Bus® offers a full range of driver seat options, from base to premium.
- 2. Accessible Storage:** Easy-to-reach storage compartment next to driver's seat helps the driver reduce clutter.
- 3. Left-Hand Switch Panel:** Switch panel is located in front of the driver and allows the driver to maintain a forward-facing position, ensuring safe operation.
- 4. Standard Backlit Steering Wheel Controls:** Control placement on steering wheel allows drivers to keep their eyes on the road and hands on the wheel.
- 5. Optimal Ergonomics:** Cockpit accounts for the measurements of more than 1,500 real school bus drivers to ensure optimal ergonomics and reduce driver fatigue.
- 6. No Windshield Center Post:** Front windshield has no center post that could obstruct forward visibility.
- 7. Three-Piece Windshield:** Absence of A-pillar provides a clear view of the side mirrors.
- 8. Ingress/Egress:** Steps are wide, consistently spaced and not tapered, aligning with the driver's line of sight out the entranceway.



INDUSTRY-LEADING CONNECTED TECHNOLOGY

IC BUS® IS A PROVEN LEADER IN EMBRACING THE MOST INNOVATIVE TECHNOLOGIES FOR THE BUS INDUSTRY.

Whether it's keeping tabs on the health, status, and location of each bus with OnCommand® Connection; tracking the progress of a repair with IC Bus® 360; or programming the commands of switches to meet specific needs (like pre-trip inspection requirements) through Diamond Logic® Builder, IC Bus includes everything you need to stay informed, empowered, and connected.



FACTORY-INSTALLED TELEMATICS DEVICE COMES STANDARD WITH 5 YEARS CONNECTIVITY: INCLUDES ACCESS TO ONCOMMAND® CONNECTION, IC BUS 360, AND ACCESS TO OUR GATEWAY INTEGRATIONS.



HELPING KEEP YOUR FLEET ON TIME ALL THE TIME

School district fleet managers face many challenges including: ensuring passenger safety, staying on schedule, reducing operational costs, and increasing efficiency. IC Bus is here to help with productivity-enhancing features like OnCommand® Connection. Using advanced telematics, OnCommand® Connection is the first and only all-makes diagnostics system that connects your entire fleet while providing you with the information you need to get your job done.

OnCommand® Connection lets you:

- ▶ be more proactive in identifying maintenance issues and addressing them before a breakdown occurs;
- ▶ provide a single view of your whole fleet – all makes and models, including diesel, propane, gasoline, and electric vehicles;
- ▶ integrate with leading bus solution providers to deliver seamless workflow management; and
- ▶ report on State of Charge (SOC) and charge history.*

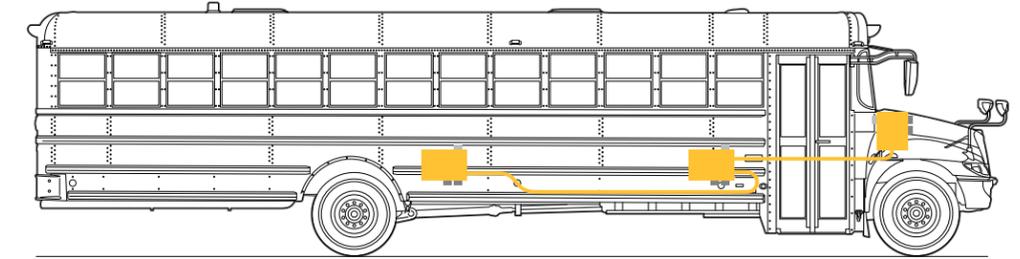
*Charge history is an optional capability

ON COMMAND® CONNECTION'S MISSION

- ▶ Improve vehicle reliability for your entire fleet.
- ▶ Ensure the safety of your driver and passengers.
- ▶ Increase the efficiency of your operation.
- ▶ Reduce your costs and increase your value.

ONCOMMAND® CONNECTION HELPS:

- ▶ automate driver vehicle inspection reports to make them faster and more accurate;
- ▶ merge inspection report data with vehicle fault codes into one easy-to-read report;
- ▶ maximize your fleet's productivity by providing you with the data you need



DIAMOND LOGIC®

- ▶ Includes the ability to program available body integration and driver efficiency features, plus the ability to further customize to address specific application needs
- ▶ Commonly used for Leave No Student Behind®; exterior light check for pre-trip inspections; lights on with windshield wipers

IC Bus pioneered the best-in-class Diamond Logic® electrical system. It includes numerous programmable features which are available factory-installed.

INTRODUCING A REVOLUTION IN FLEET MANAGEMENT

Wouldn't it be great if there were a way to accelerate the repair process, streamline communication with dealers, and drive uptime?

Introducing IC Bus 360, an all-new service communication and fleet management solution that helps overcome the complexities of managing a school bus fleet while lowering total cost of ownership.

STREAMLINED COMMUNICATION

IC Bus 360 is built to transform how school districts manage their assets:

- Seamless communication with dealers and up-to-date repair status
- Complete VIN-based information, including asset specs, complete parts catalog, remote health data, and more
- Online service request initiation and estimate approvals
- Complete service history, up-to-date campaign information, and engine calibration status





ELECTRIC CE SERIES SPECIFICATIONS

AT IC BUS®, WE KNOW WHAT IT TAKES TO DRIVE FORWARD. WE ARE FOCUSED ON MAKING PRODUCTS THAT ARE BETTER AND DIFFERENT, INVESTING IN QUALITY, AND BUILDING A SCHOOL BUS THAT DRIVERS LOVE TO DRIVE.



Additionally, IC Bus provides the tools and resources to enable you to operate as efficiently as possible. This includes numerous product features that allow mechanics to more easily maintain and repair buses. After all, the safe delivery of our children is a team effort, and no one understands this more than IC Bus.

KEY HIGHLIGHTS

- ▶ Two battery options offering the longest single-charge range available in the industry
- ▶ Standard AC and DCFC charging ready
- ▶ Three levels of selectable regenerative braking, which use the vehicle's motors rather than the friction brakes to slow down the vehicle, sending energy back into the batteries and extending range.
- ▶ Peak power 255 kW or 342 hp
- ▶ State-of-the-art instrument display for quick visibility to critical information
- ▶ Standard electronic stability control
- ▶ Standard Leave No Student Behind® feature so drivers disable alarm at rear of bus before exiting
- ▶ Consistently spaced entry steps for predictable footing; widest in the industry
- ▶ Standard 16-gauge steel body and all-steel rub rail construction for increased strength

CAPACITY:

UP TO 78 PASSENGERS*

*Varies based on market/specifications

ELECTRIC CE SERIES SPECIFICATIONS



A zero-emissions school bus option with a lower total cost of ownership and user-friendly options and features, the Electric CE Series was engineered from the tires up to withstand the rigors of daily use and arrive at every destination on time every time.



GVWR

- ▶ 31,000 or up to 35,000 lbs.

Capacity

- ▶ Up to 78 passengers

Wheelbase Options

- ▶ 217", 254" or 276"

Single Rear Axle (4x2)

- ▶ Dana Spicer: 21,000 or 23,000 lbs.

Front Axle

- ▶ Meritor: 10,000 or 12,000 lbs.

Frame

- ▶ Heat-treated alloy steel (120,000 PSI)

Front Suspension

- ▶ Parabolic taper leaf: 10,000 or 12,000 lbs.

Rear Suspension

- ▶ International® Ride Optimized Suspension (IROS) Air: 21,000 or 23,000 lbs.

12V Electrical System

- ▶ EnerSys Odyssey 12V 2300 CCA batteries

Brakes

- ▶ Air disc brakes with ESC and ABS

Direct Drive Motor

- ▶ 650-volt, 6-phase permanent magnet motor

Tires

- ▶ 254" or 276" wheelbase: 11R22.5 front and rear
- ▶ 217" wheelbase: 255/70R22.5 front and rear

Exterior

- ▶ Standard crossing control gate
- ▶ 16-gauge steel body & all-steel rub rails

Interior

- ▶ 78" interior headroom
- ▶ Lighted steering wheel-mounted door control and eight-way light switches
- ▶ Available cruise control
- ▶ Optional air conditioning available
- ▶ Entrance stepwell: equally spaced steps without taper; Naviflex™ coated for superior corrosion resistance
- ▶ Standard Leave No Student Behind®

Rear Axle Ratio

- ▶ 5.57 or 6.83

Luggage Compartments

- ▶ Various options available

Peak Power

- ▶ 255 kW or 342 hp

Powertrain Batteries and Range Options

- ▶ 210 kWh (135 miles)
- ▶ 315 kWh (200+ miles)

Charge Port

- ▶ Front standard or optional rear location

Camera System

- ▶ Optional IC Bus Full View Camera Technology™ by Rosco

Telematics

- ▶ Factory installed with 5-year subscription includes access to OnCommand® Connection and IC Bus® 360

Kajeet SmartBus Wi-Fi

- ▶ Standard 4G service, includes 12-month subscription

Fasteners

- ▶ Optional stainless steel mounting fasteners for exterior lights and mirrors

Floor Covering

- ▶ Koroseal; body length

Fuel-Fired Heater

- ▶ Optional, left side, outside frame rail



WE HAVE YOUR BACK, SO YOU CAN KEEP MOVING FORWARD

YOUR IC BUS® DEALER IS ONE OF THE BEST IN THE BUSINESS, AND IS A STRONG LINK IN THE INDUSTRY'S BROADEST, MOST CAPABLE PARTS DISTRIBUTION AND DEALER NETWORK.

YES, WE'RE
OPEN

Saturday
475+
Locations

Sunday
45+
Locations

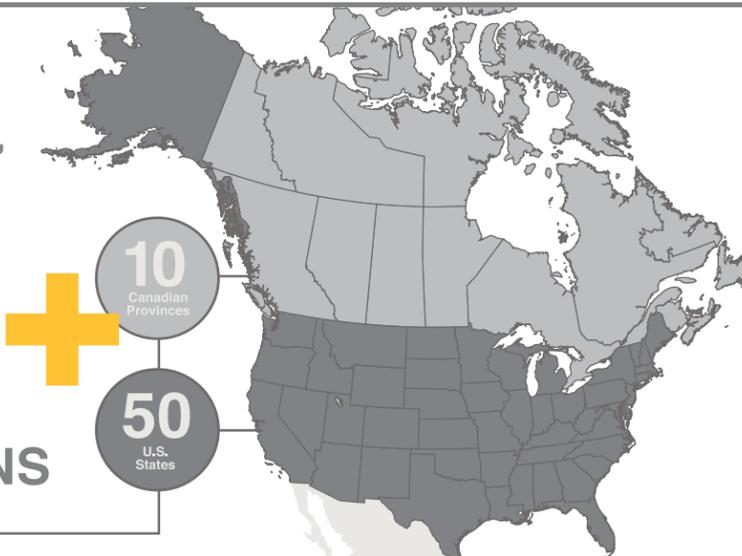
7,600+
TECHNICIANS

7,400+
SERVICE BAYS

So no matter where you're located, you're not far from one of our

700+
DEALER LOCATIONS

Leading all competitors in



NAVISTAR
CAPITAL
a BMO Financial Group program

Navistar Capital is an industry leader in commercial vehicle financing with over 40 years of experience. We provide customized leases and secured loans with flexible structuring for International® heavy and medium duty commercial vehicles and IC Bus vehicles. Contact your local International® IC Bus dealer for more information.

FLEETRITE

For more than 40 years, Fleetrite® Parts have provided quality parts for all truck and bus makes sold exclusively at your IC Bus dealer. Every part is Navistar® quality approved and is covered under a one-year parts and labor warranty. Parts you can trust and affordability you can bank on.



DIAMOND EDGESM CERTIFIED IC Bus Dealers

This select network of International® dealer service departments has passed rigorous parts and service certification guidelines to provide you with faster turnarounds, immediate parts availability, and a higher level of servicing expertise. Their ongoing pledge is to maximize your uptime and deliver a best-in-class customer experience.



ELECTRIC CE



www.ICBus.com

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