



MARBLE FALLS

Independent School District

Meeting Date:

Meeting Type:

LOVE & INSPIRE

Marble Falls ISD has an unyielding commitment to love every child and inspire them to achieve their fullest potential.



Marble Falls I.S.D.

Date: October 30, 2025

Body Manufacturer: IC Corp

Model: C2608 CE SCHOOL BUS

Chassis Manufacturer: IC Corp

Model: PB110 (2026)

Capacity: 54 Passenger (3 wheelchairs)

Number of units: 3

Price/Unit: \$162,238.00

TOTAL: \$486,714.00

Prices are good 30 days from the date of this proposal.

Standard Body Specifications	Chassis Specifications
78" headroom standard	Engine: Cummins ISB 6.7
Wheelchair lift door w/interlock located rear curbside	Horsepower: 220
Braun 1000# NCL1000FIB3451 w/forward power pack	Torque: 520 ft-lb
4 Universal handicap decals on all four sides of bus	Wheelbase: 217"
National air suspension driver seat w/ cloth insert, gray	Transmission: Allison 2500 6sp, 6 th gen controls
Modesty panel under barrier behind driver	Shift control: Stalk shifter, column mounted
First aid kit, body fluid clean-up kit, safety triangles,	Alternator: 325 amp
5lb fire extinguisher, Evac aide & 2 belt cutters	Battery system: 3, 12 volt 2850 CCA
16 ga. steel exterior body side panels	Brakes: Full air; 5" front, 7" rear
Skirt mounted battery box w/slide out tray	Air dryer: Bendix AD-9SI w/heater
Full insulation (<i>roof & sides</i>)	Front axle: 10,000#, lubricated
Full length acoustical ceiling panels	Rear axle: 19,800#, lubricated
Body undercoating, fire resistant	Tires: 255/70R22.5 LRH all-position
3-piece bonded windshield w/tint & L/R assist handles	Wheels: 8.25x22.5 black steel 2-hand hole
Windshield wipers, w/automatic headlamp activation	Fuel tank: 65 gallon between frame rails
Stepwell; preformed NaviFlex coated pebble tread	DEF tank: 16.5 gallon
Black rubber flooring w/ aluminum aisle strips	Steering, power: Tilt w/switch controls (<i>4PGM</i>)
School bus yellow paint w/ black rub rails & bumpers	Power source: USB A & C in driver storage bin
White interior paint	Communication module: OTA programming w/ 5yr data plan and International 360
Interior passenger mirror (6 x 30) w/ visor	Fuel/Water separator: Racor 400 series
Rosco mini Hawk-Eye cross over mirrors	Gauge cluster: Premium 5" LCD color display
Rosco rearview mirrors (<i>black, motorized, heated</i>)	Air cleaner rest. gauge: Mounted on air cleaner
Warning lights, 8-lamp, LED strobing; black back-ground flasher system, red lights active w/ door open	Cruise control
Pre-trip exterior light check	Idle mgmt. system
LED interior passenger dome lights	Air-ride suspension
LED interior dome light over lift area	Warning buzzers
LED driver dome on separate switch	Auto. slack adjusters
LED step well light	
State spec LED exterior light package	

Longhorn Bus Sales

9100 N. Loop East, Houston, Texas 77029

Phone: (713) 631-9306

Body Options Included	Chassis Options Included
Tail pipe, exits left side through bumper Dash air conditioner w/ integral heater / defroster and automotive style driver controls Collision mitigation; Bendix Wingman Advanced Digital clock in driver area Drivers' area defrost fan (<i>left</i>) Drivers' overhead storage compartment AM/FM/USB Input/Aus. Input/PA system Speakers (4) mounted in light bar Waste container; removable in driver area Handrails; dual height SS each side of entry Entry door -Air (<i>outward opening; full length single panel laminated door panel glass and keyed lock</i>) Lock; rear door & lift door w/ignition starter interlock White roof Reflective material per state specs Air stop arms; front and rear Specialty roof hatches (2) Four emergency E/E windows, vertical hinge Windows, passenger; laminated tint split sash LED strobe light Monitor, post trip inspection "Child Reminder" 5 Rows of 3pt fixed seats with gray upholstery 6 Track mounted 3pt seats over 3 wheelchair positions Four rows recessed L track for 3 wheelchair positions 3 Sets Titan 800 series WC restraints w/storage bags Flat floor design; no interior wheel wells Sub floor 5/8" 5-ply plywood sub floor 80,000 BTU Rear right wall heater Front and rear mud flaps Extended body skirt panels	Bendix 4-channel ABS brakes with electronic stability and automatic traction control Bendix Intellipark electronic parking brake w/interlock Engine exhaust brake Headlamps, halogen w/daytime running lights & automatic twilight controlled. Multi-function rotary switch left of driver black grille with chrome surround Throttle (<i>electronic hand control</i>) Warranty towing: 24 months/Unlimited miles to nearest IC bus dealer
	Additional Aftermarkets and Services
	PDI DOT Inspection Lettering (MARBLE FALLS I.S.D.) Govern speed set at 65mph Weight Slip Air conditioning 126K BTU (<i>2 bulkheads and drivers dash</i>) First Light stop arms – Air First Light, "SCHOOL BUS" signs 4 rows of 3-point CRS seats

Both body and chassis specifications meet or exceed Texas School Bus Specification # 070-SB-16 for 2018.

Authorized Signature _____

All stock buses are subject to prior sale.

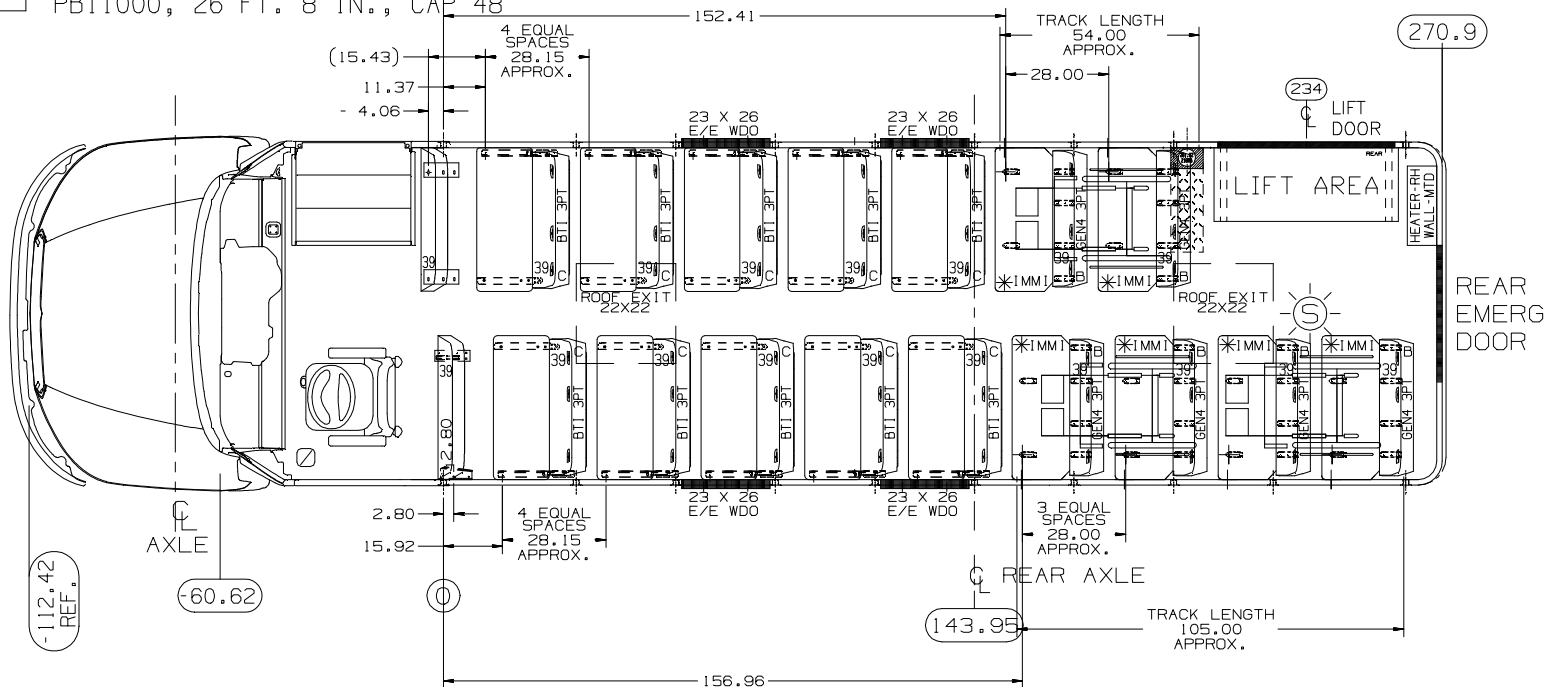
Buy Board fee not included. If purchasing through Buy Board, an additional \$800.00 must be applied to the purchase order (fee is per purchase order not per bus). Longhorn Buy Board number 722-23.

Estimated delivery is 60 -180 days from receipt of PO (dependent on whether bus is built or scheduled to build). Longhorn Bus Sales will not be held responsible for material shortages or delays due to the global COVID-19 pandemic or any other reasons outside our control of the represented OEMs (IC Corp) or third-party vendors used to complete a customers' bus equipment. A bus may be delivered without third-party products (i.e., A/C, GPS, two-way radios, camera surveillance, etc.) and will be installed when available. These shortages will not hold up invoicing of payments for delivered goods.

Longhorn Bus Sales
9100 N. Loop East, Houston, Texas 77029
Phone: (713) 631-9306

PB11000, 26 FT. 8 IN., CAP 48



FLAT FLOOR



* 159": TOTAL TRACK
LENGTH (APPROXIMATELY)

THIS UNIT CONFORMS TO APPLICABLE FMVSS/CMVSS/D250

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994
AS AMENDED BY THE INTERNATIONAL TRUCK DIVISION
DIMENSIONING AND TOLERANCING ADDENDUM-2000.

50000/49000 Y14.5M-1004 DIVISION M-2000			INTERNATIONAL TRUCK AND ENGINE CORPORATION				INTERNATIONAL CONFIDENTIAL PROPRIETARY		
			REFERENCE		000				
	REVERSE ONLY ON <i>GRAPH</i> SYSTEM	LINEAR MEASURE: mm <input type="checkbox"/> in <input checked="" type="checkbox"/>		APPROX. MASS (WEIGHT)				INTERNAL CONTROL	
		UNLESS SPECIFIED DIM TOLERANCES ARE		ROUGH PART					
				FINISH PART					
		ONE PLACE (1.X)		+0.8		-0.8			
		TWO PLACE (1.XX)		+0.05		-0.03			
		THREE PLACE (1.XXX)		+0.25		-0.10			
		ANGLES		±1°					
		NAME		BODY PLAN PB11000					CONTROL
NAME (TRANSLATION)						E 50			
DRAWN U020270		MATERIAL				VERSION E			
DATE 22FEB83						APPROVED			
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RELEASE NO.		LHORN - 2087				SHEET 01			
						FRAME			

Request for Taxpayer Identification Number and Certification

Go to www.irs.gov/FormW9 for instructions and the latest information.

Give form to the
requester. Do not
send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) Holt Truck Centers of Texas LLC		
	2 Business name/disregarded entity name, if different from above. Longhorn Bus Sales		
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input checked="" type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) P Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions)		
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ <i>(Applies to accounts maintained outside the United States.)</i>		
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>		
5 Address (number, street, and apt. or suite no.). See instructions. 5665 SE Loop 410		Requester's name and address (optional)	
6 City, state, and ZIP code San Antonio, TX 78222			
7 List account number(s) here (optional)			

Part I Taxpayer Identification Number (TIN)																																																																
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> , later.																																																																
Note: If the account is in more than one name, see the instructions for line 1. See also <i>What Name and Number To Give the Requester</i> for guidelines on whose number to enter.																																																																
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Part II Certification	
Under penalties of perjury, I certify that:	
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and	
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and	
3. I am a U.S. citizen or other U.S. person (defined below); and	
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.	
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.	
Sign Here	Signature of U.S. person <i>Paul C. Holt</i>
	Date <i>10/11/2024</i>

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they



IC BUS®
CE SERIES



THE NEXT GENERATION
IC BUS® CE SERIES SCHOOL BUS

THE NEXT GENERATION IC BUS® CE SERIES

AHEAD OF ITS CLASS

When it comes to transporting our most precious cargo, only the best will do. That means a bus that has some of the latest safety technology, is built with high-quality materials, offers forward-thinking propulsion options and provides drivers with everything they need to be successful.

It means a company willing to go above and beyond all expectations with engineers who are never satisfied with the status quo. Introducing the Next Generation CE Series. And welcome to a new era in school transportation.



SAFETY. FIRST AND FOREMOST.



A NO-COMPROMISE APPROACH TO SAFETY

Of all the requirements IC Bus engineers are tasked with when designing a new bus, one rises above the rest: it must be a safe means of transportation for the children who ride inside. It's an enormous responsibility and something that we never take for granted.

That's why the next generation CE Series includes the very latest in safety technology. These safety features are essential when it comes to providing the driver with extraordinary situational awareness; enabling them to keep the students riding behind them out of harms way.

STANDARD KEY SAFETY FEATURES:

- Bendix® Intellipark® electronic parking brake standard (on air brake units)
- Bendix® Wingman® Advanced™ Safety Package (air brake units) – including Active braking capabilities for collision avoidance, following distance alerts, adaptive cruise and more
- No Student Left Behind child monitoring system
- Single panel glass on entrance door for improved driver visibility
- Entrance doors integrated into dash cluster, providing 'Door Ajar' warning if bus reaches certain speed prior to door being fully closed
- Daytime running headlights with automatic twilight sensor
- Electronic stability control



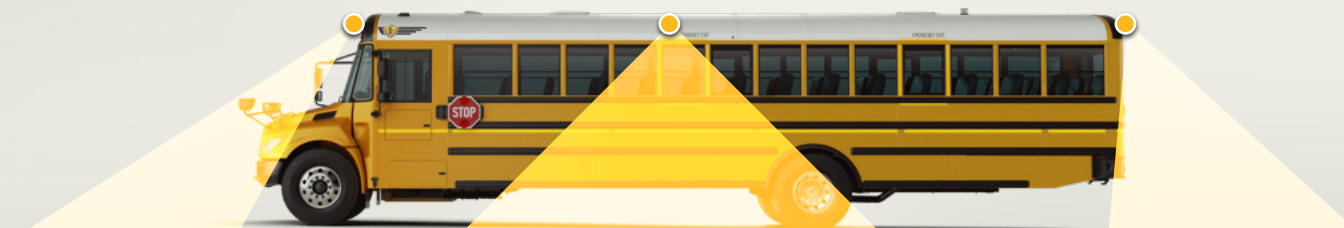
A CLEAR VISION

Visibility is crucially important to any school bus driver. Children of all heights walk next to, in front of, behind and toward the bus – and being able to see them is the only way to ensure they are kept safe. The Next Generation CE Series includes several enhancements that help boost the situational awareness of the driver.



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 for total situational awareness so they can concentrate on driving and keeping kids safe.



FULL VIEW CAMERA FEATURES

1. Entrance door features single-panel bonded glass and is aligned with the driver seat for enhanced side visibility.
 2. Rounded, three-piece windshield with no center post includes a shaded band standard to help reduce sun glare.
 3. Completely integrated driver HVAC system with improved defrost performance by 50% over prior model allows for quicker and more complete clearing of the windshield.
 4. Sloped hood design is angled and provides more than 11 inches of improved ground visibility in front of the bus over prior model.
 5. Standard daytime running lights with automatic twilight sensors help increase the visibility of the bus to other drivers and pedestrians.
 6. Available LED-enhanced, down lit cross-view mirrors illuminate the road when the park lights are on and the stop arm is extended to illuminate pedestrians and objects in the front danger zone.
 7. Available LED headlights and marker lights offer a higher lumen output and are longer lasting compared to halogen bulbs.
- Provides driver 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
 - Gives the driver a greater feeling of security and peace of mind with the combination of the full view camera technology and driver mirrors
 - This purpose-built camera technology is designed to not overload the driver with too much information, but instead provide them with the right information at the right time
 - Provides accurate visibility to the areas that matter most around the bus



INTUITIVE PROTECTION

The Bendix® Wingman® Advanced™ Safety Package uses radar and an optional video camera (Fusion package) to scan the forward path of the bus. If a slower moving or stopped vehicle is detected, the system is designed to reduce the severity and likelihood of a rear-end impact through automatic braking and audible alerts.

This integration of various technologies creates a highly detailed data picture that can significantly reduce the chance of a false alert or activation.

The Next Generation CE Series was designed from the beginning to utilize active safety. In fact, the alerts are now integrated into the gauge cluster as opposed to being mounted atop the instrument panel in previous models.

FOLLOWING DISTANCE ALERTS

The radar can also be used to maintain a safe following distance when the adaptive cruise control is engaged. Radar has many advantages, including the ability to read objects through all weather conditions, such as rain, snow, smoke and fog.



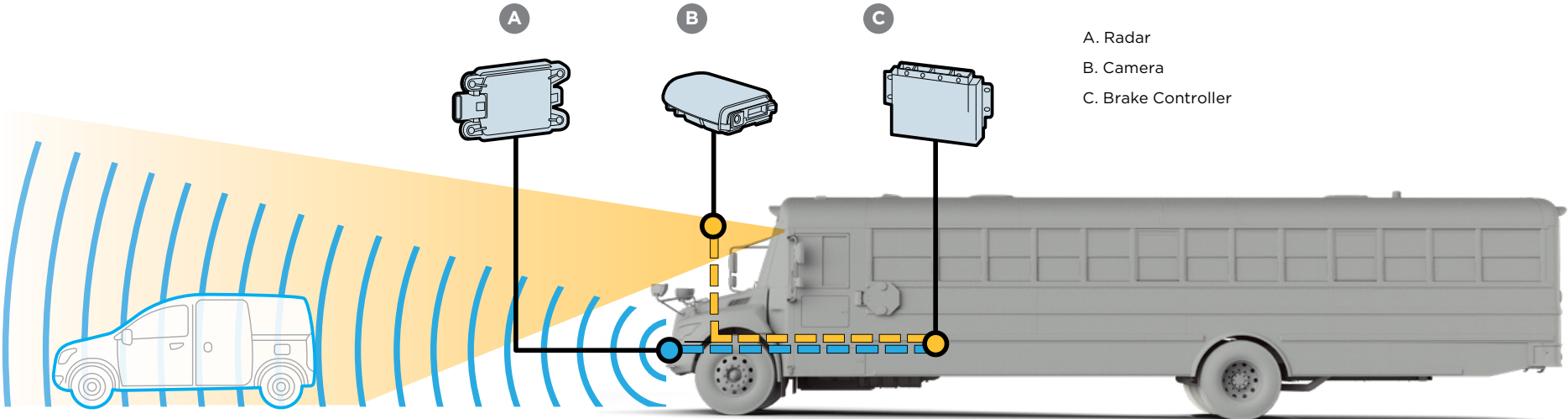
LANE DEPARTURE WARNING (available with camera)

The camera can detect if the bus unintentionally departs the lane without the turn signal activated, and will sound an alarm and provide a visual alert. This is particularly valuable during driver distraction or drowsiness situations.



SUPPORTING SAFE DRIVING

SITUATION	POSSIBLE CAUSE	ACTIVE SAFETY
Rear End Collisions	Distracted driver	Can reduce the likelihood or severity of rear-end accidents by providing following distance alerts and if needed, will apply the brakes to help the driver avoid the collision or help reduce its severity
Overly Aggressive Drivers	Bus is too close to the forward vehicle	Following distance alert will beep when following too closely
Limited Sight in Poor Weather Conditions	Snow, rain, smog, smoke, fog, sleet	Radar capabilities that can see potential dangers before the human eye can
Excessive Speed	Traveling above posted speed limit on highways	Optional camera can recognize posted speed limits and alert the driver at +5 mph over; at +10 mph over, alert and 1.0 second engine de-throttle will occur



DESIGNED WITH DRIVERS IN MIND



KEEPING THE DRIVER INFORMED, COMFORTABLE AND CONNECTED

Every successful trip begins and ends with the driver. That's why we empower them with tools that elevate their comfort, efficiency, and situational awareness in a meaningful and nonintrusive manner.

It's a philosophy we call DriverFirst™ which is our commitment to do everything we can to provide a working environment that puts drivers in a position to succeed. After all, it's hard enough to find committed drivers, let alone retain them. So, if we're able to help by providing a bus that drivers want to drive, then everyone wins. Your district wins by retaining an experienced driver, the driver wins by building a stable and satisfying career and, most importantly, the kids win by boarding a bus each morning driven by someone who loves their job.

DRIVERFIRST™



- 1. Ergonomic wing instrument panel** is angled toward the driver with switches that are easy to read and reach.
- 2. Premium dash cluster** with a 5-inch digital color display with custom view options including real-time fuel economy, speedometer and tachometer, gear selection indicator, safety indicators and distance to empty.
- 3. USB-A and USB-C charging ports** are conveniently located to left of driver (in storage bin) and on right side of instrument panel.
- 4. Back-lit, color-coded steering wheel switches/controls** with cruise control plus four switches that are programmable with Diamond Logic® Builder software.
- 5. Driver light pre-check switch** conveniently located on the dash to check all exterior light bulbs. All exterior lights will flash while driver performs pre-check.
- 6. Full range of driver seat options** to accommodate drivers of all shapes and sizes.
- 7. Tire pressure monitoring system (TPMS)** (optional) provides real-time tires status including low pressure, extreme low pressure, high pressure, high temperature and more.
- 8. Bendix® Intellipark® electronic parking brake** with dash-mounted switch integrated in cluster (air brake units only) electronically engages parking brake when critical interlocks are met, indicating that the vehicle is not parked and the driver does not have control.
- 9. Stalk shifter** for transmission control mounted on steering column allows the driver to easily reach and operate shifting and engine braking while keeping their eyes on the road.
- 10. Integrated driver HVAC system** with multiple, intuitive control settings within an arm's reach with additional venting for faster and more complete defrosting as well as overall driver comfort.
- 11.** Improved left-hand drivers area including storage bin with more usable space and an easy-to-reach 44 oz cup holder.
- 12.** Trash bin with double capacity (optional) with designated area forward of the stepwell.

A BUS BUILT TO LAST

From sizable potholes to boisterous students, a school bus must face daily punishment. That's why the CE Series is built to the highest standards at our production facility in Tulsa, Oklahoma.

Materials have been carefully chosen for their durability and advanced steel coatings help provide a robust defense against corrosion. In addition, areas under the hood that require routine maintenance are conveniently located to help you stay ahead of potential issues.

DURABLE CONSTRUCTION:

16-gauge steel body and interior panels for longevity and structural integrity

14-gauge steel threaded body bows with continuous runners connecting all roof bows for ruggedness and superior strength

Stamped parts used wherever possible during construction; provides increased strength and tighter tolerances

Meets or exceeds FMVSS/CMVSS

ENHANCED CORROSION RESISTANCE:

New one-piece driver floormat reduces potential corrosion and maintenance costs, plus is easier to keep clean

Naviflex coated stepwell* provides superior corrosion resistance

Interior modesty panels treated with 90G/90G galvanized coating and then painted for enhanced corrosion resistance

TIME-SAVING SERVICEABILITY:

Improved accessibility to routine maintenance items - HVAC filter & air dryer (under the hood), fuel filter now outside frame rail, stepwell heater accessibility from inside stepwell, oil filter now more accessible

Electrical panel/fuse block arrangement:

- Instrument panel fuses located inside the bus with chassis fuse block with spill resistant cover
- Body fuse block outside of bus in electrical panel under driver's window

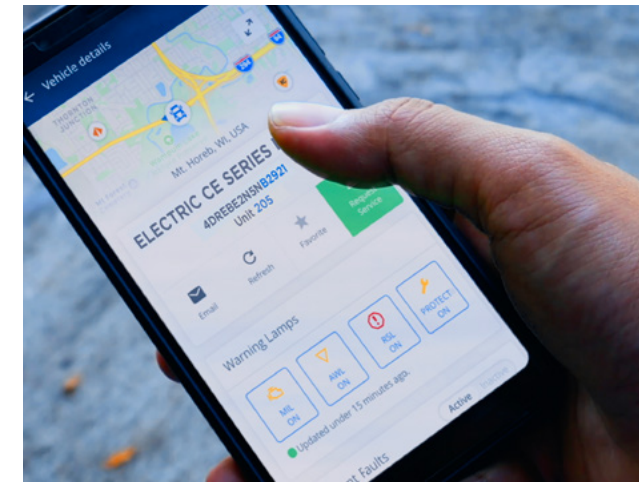
Diamond Logic® electrical system enables programming of body integration and driver efficiency features; common uses include exterior light check for pre-trip inspections, "No Student Left Behind" post-trip inspection monitor, lights on with windshield wipers, and customization of interlocks for dome light

* Also available on bumpers and fuel tanks



CONNECTED TECHNOLOGY TO BOOST ON-TIME PERFORMANCE

Knowledge is power. And when you're armed with the data you need to make informed decisions, the outcomes are always better. IC Bus offers powerful tools that can not only help you stay ahead of issues, but accelerate repair times when a bus is in for service. So whether you operate one bus or an entire fleet, you'll have access to a powerful set of tools and resources for maximizing uptime and operational efficiency.



Now standard on all new vehicles — factory-installed telematics including 5 Year subscription. We deliver proactive tools that help reduce unplanned downtime, increase safety and drive on-time performance

Connectivity includes:

ONCOMMAND® CONNECTION (OCC)

- 24/7 access and visibility to real-time vehicle diagnostics and predictive maintenance tools
- Visibility to current vehicle location and route history
- Monitor driver performance including harsh braking, hard acceleration and idle time reporting

IC BUS® 360 SERVICE COMMUNICATIONS:

- Seamless communication with dealers and up-to-date repair status
- Complete VIN-based information – 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

PROVEN RESULTS:

- 83% of users have experienced a reduction in the number of emails and phone calls regarding service communications.
- 30% improvement in service repair time and unplanned service events when utilizing IC Bus 360 and OCC.



NEXT GEN POWERTRAINS

School bus fleets are rapidly transitioning to electric. In most cases, it makes perfect sense thanks to consistent routes, a central depot to charge and readily accessible funding assistance. But not all routes or districts are suited for electric – and that’s why we offer both options. The tried-and-true Cummins® B6.7L provides the power you need with a low total cost of ownership and impressive uptime. Those who choose the Next Generation Electric CE Series can rest easy knowing that it has been designed from the get-go to run on electric propulsion with its incredible torque and quiet, calm-inducing ride. Whichever direction you go, the future has never looked brighter.





IC Bus helps customers plan, execute and optimize zero-emission vehicles and investments for the entire lifecycle. We design scalable, end-to-end solutions around your specific needs.

Our team of zero-emission subject matter experts is ready to help fleets and school districts everywhere develop a fully integrated and scalable zero-emission strategy. The consulting process includes the evaluation of requirements and efficiencies, route simulations, plus education on all available funding sources, grants, and tax incentives.

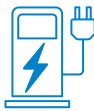
THE EV ROADMAP FOR A SEAMLESS TRANSITION:



Step 1 | CONSULTING

Find the best way forward

Our discovery workshops dive into your fleet's electrification needs and concerns, building a customized EV roadmap for success.



Step 2 | CHARGING

Lay the groundwork

We assess the placement of hardware and infrastructure, finding the best ways to support your vehicle charging and uptime.



Step 3 | DEPLOYMENT

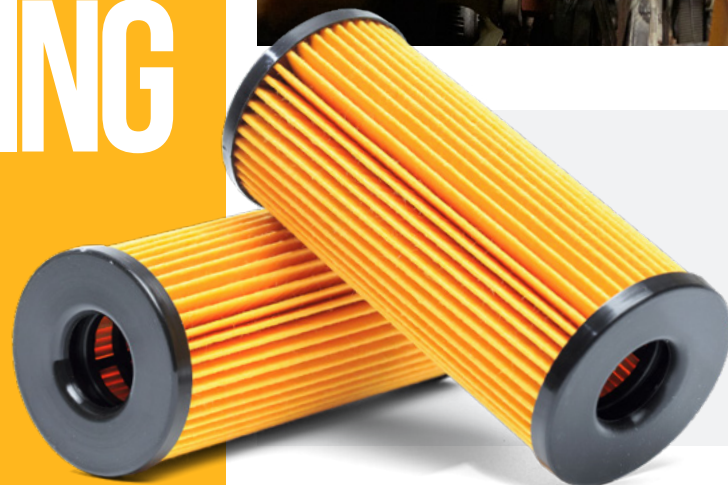
Bring it all together

We ensure your charging locations, staff, and remote diagnostics are prepared for your electric vehicle to hit the road.



WE HAVE YOUR BACK, SO YOU CAN KEEP MOVING FORWARD

We understand that getting kids to and from school on time every time, isn't optional, it's required. That means your fleet must be up and running the entire school year. Dependable equipment spec'd for your needs and requirements is just the beginning. Our preventive maintenance programs combined with our vast network of service locations help make sure downtime is kept to a minimum with no surprises for your students or your budget.



PARTS YOU NEED WHERE AND WHEN YOU NEED THEM

It is our goal to provide you, the customer, with an unparalleled ownership experience. To be your preferred partner, not just for the sale of the vehicle, but throughout its lifecycle. Below is a sampling of our value-add services focused on reducing your operating costs and driving on-time performance.

- State-of-the-art, Award-winning Parts Distribution Centers
- All-makes Fleetrite® and ReNEWed® Reman Parts Offering
- Fleet Charge® account standardization – pricing & billing
- Ability to customize extended service contracts – flexibility you need with peace of mind you deserve.
- Connected services built to make data visible, easy to understand & actionable
- Diagnostics & service tools
- Training opportunities
- Over 700+ dealer locations
- Parts Return Program
- One-stop-shop Warranty Processing
- eCommerce Online Parts Ordering
- Dealer Uptime Advocate and Uptime Command Center





www.icbus.com

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IC Bus

Next Generation CE





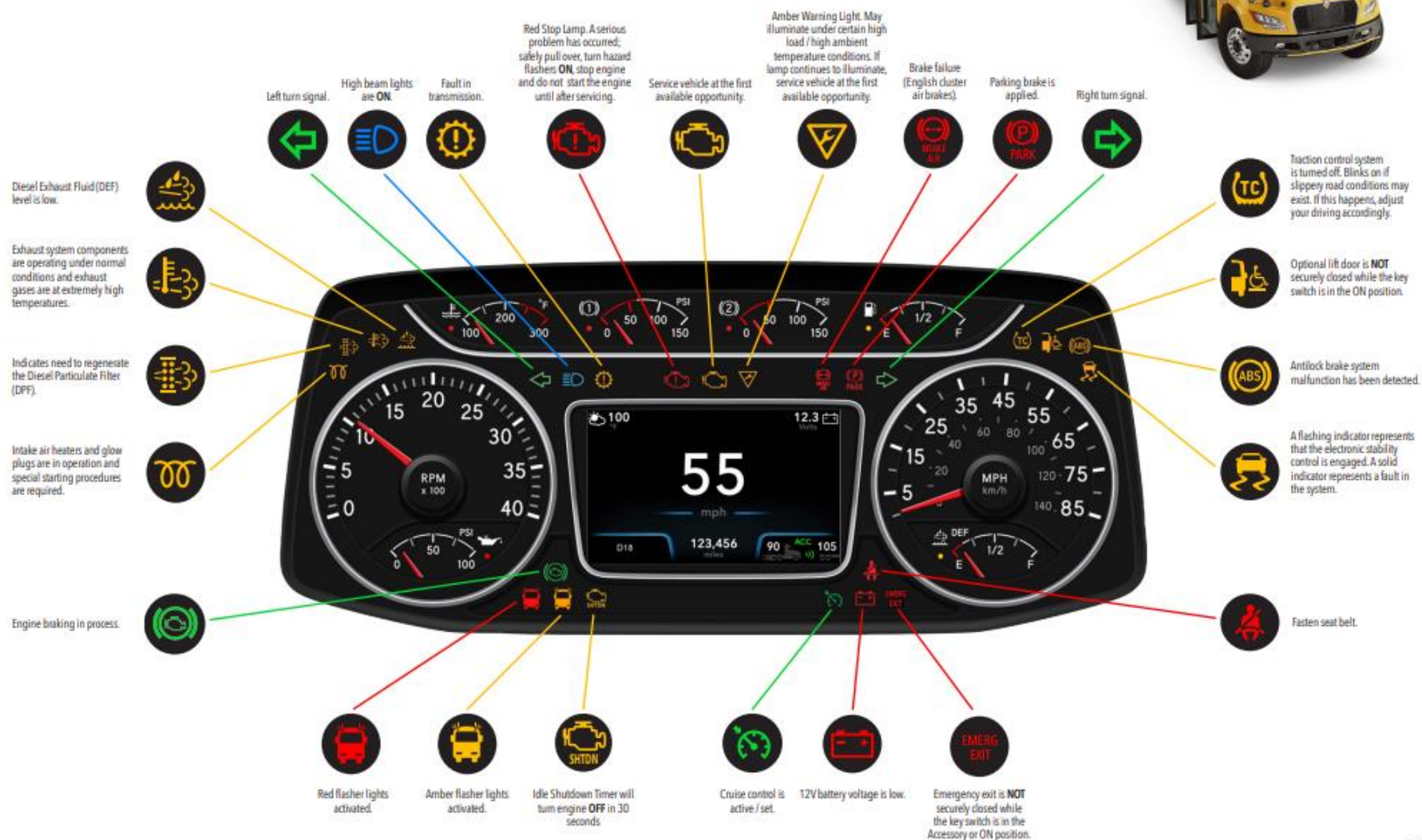
DriverFirst™ Themed Driver Compartment



INSTRUMENT CLUSTER WARNING INDICATOR GUIDE

IC BUS® CE SERIES – DIESEL

This premium instrument cluster comes standard on all new PB110 and PC110 models



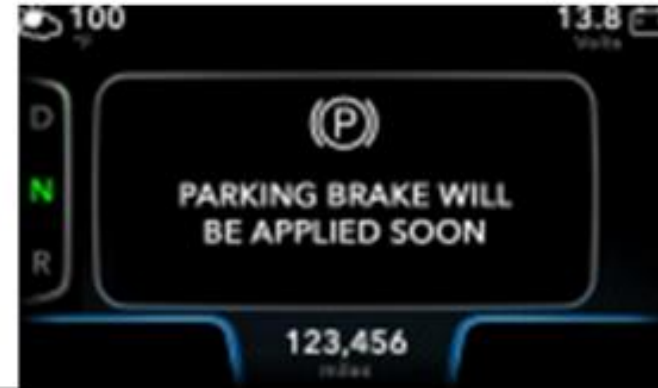
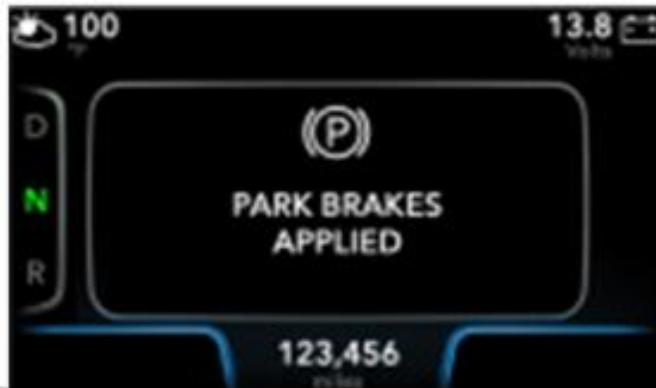
Safety – Enhanced Lighting



Technology – Dash Cluster with Digital Gauges and Info



Technology – Dash Integrated Safety Systems



Air Brake System Test with Bendix Intellipark

Buses equipped with a Bendix Intellipark system require the driver to look for different visual cues when conducting a brake test. All system air pressure readings and requirements remain the same.

Conducting a Brake Test:

1. Ignition key **ON**.
2. Place your foot on the service brake.
3. Release the parking brake.
4. Begin pumping the brake pedal rapidly.
5. At 60 PSI:
 - The dash will begin to sound an alarm.
 - The **BRAKE AIR** indicator will illuminate on the dash.
 - The red lights on the parking brake will flash.

This is required to release the parking brake. It cannot be released without depressing the brake pedal. This may change the road test procedure.



6. Continue pumping the brake pedal.
7. At 30 PSI:
 - The dash alarm will continue to sound.
 - The **BRAKE AIR** indicator will continue to illuminate.
 - The **PARK** indicator will illuminate on the dash.
 - The red lights on the parking brake will illuminate solid.



This is now the equivalent of the parking brake knob popping out at 30 PSI or the spring brake applying itself automatically at 30 PSI.

Pumping the Brakes Down After Your Run:

1. The ignition key must be in the **ON** position to release the parking brake.
 - Do not pump the air system down with the parking brake set.
2. After key on, pump the brakes down until spring brake application as normal.
3. Remove the key from the ignition (if required).
 - The dome lights will time out on their own.

LIMITED WARRANTY FOR School BUS
***Effective with vehicles built March 01, 2017 or later**

Series (Model): CE (PB105 & PB110), RE (PB305)

Basic Vehicle

Navistar®, Inc., at its option, will repair or replace any part of this vehicle that proves defective in material or workmanship, in normal use and service, with new or RENEWED™ parts, based on the Component Coverages below.

Coverage	Months	Miles	Kilometers	Hours
Basic Vehicle Warranty	12	Unlimited	Unlimited	Unlimited
Basic Vehicle Warranty with Non-Navistar Engine	12	Unlimited	Unlimited	Unlimited
Belt Tensioner	12	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Navistar built engine failures only)	24	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Power Solutions International, Inc. 8.8L Propane engine failures only)	60	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Power Solutions International, Inc. 8.8L Gasoline engine failures only)	60	Unlimited	Unlimited	Unlimited
Frame Rails and Crossmembers	60	Unlimited	Unlimited	Unlimited
Body/Cowl Structure (Roof, Metal Floor, Sides and Rear Sections)	60	Unlimited	Unlimited	Unlimited
Body/Cowl Perforation Corrosion	60	Unlimited	Unlimited	Unlimited
Bumper Corrosion and Paint Delamination	36	Unlimited	Unlimited	Unlimited
Body/Cowl/Hood Paint Delamination	60	Unlimited	Unlimited	Unlimited
Brightwork, Chassis Paint and Corrosion	6	Unlimited	Unlimited	Unlimited
IC Bus, LLC Factory Installed Air-Conditioning (IC Air)	30	Unlimited	Unlimited	Unlimited
IC Bus manufactured Seats Only - Foam	48	50,000	80,000	Unlimited
IC Bus manufactured Seats Only - Upholstery	24	24,000	40,000	Unlimited
IC Bus manufactured Seats Only - Frame and Barriers	60	Unlimited	Unlimited	Unlimited
Power Solutions International, Inc. 8.8L Propane Engine	60	Unlimited	Unlimited	Unlimited
Power Solutions International, Inc. 8.8L Gasoline Engine	60	Unlimited	Unlimited	Unlimited
Eaton Prociision Transmission	12	Unlimited	Unlimited	Unlimited
Spicer 3-Part Drivetrain (Front & Rear Axles and Prop Shaft, when Used with Allison Transmission Only)	48	50,000	80,000	Unlimited
Meritor Axles	48	75,000	120,000	Unlimited
First 90 Days from Delivery to User (DTU) + Towing	3	Unlimited	Unlimited	Unlimited
Federal Emissions Coverage (Medium/Heavy, Heavy Duty Diesel Engine Non-Navistar)	60	100,000	160,000	Unlimited
Federal Emissions Coverage (Light Heavy Duty Propane Engine)	60	50,000	80,000	Unlimited
Federal Emissions Coverage (Light Heavy Duty Gasoline Engine)	60	50,000	80,000	Unlimited
IC Bus Aftermarket A/C Coverage	30	Unlimited	Unlimited	Unlimited

Navistar Diesel Engine Coverage Includes:

Engine block, cylinder heads, internally lubricated components, fuel pump, high pressure pump, turbocharger, water pump, air compressor, injectors/nozzles; electronic engine modules, engine relays, engine sensors and regulators required for electronic engine operation, and certain aftertreatment components. Excluding: attaching accessories (e.g., fan clutch, alternator, starter, etc.), and externally mounted electrical and filtration systems.

What is Not Included Under Basic Coverage

Components/Items

- Components warranted by their respective manufacturers (such as non-International® brand engines, tires, Allison transmissions, lubricants, Cummins engines, Agility fuel systems, etc.)
- Bodies, equipment, and accessories installed by other than authorized International Truck employees at International Truck manufacturing plants
- Front and rear axle alignment
- Front and rear axle coverage excludes brakes, wheel ends, axle shafts, controls and attachments

Repairs & Maintenance

- Maintenance-related items/repairs, or those needed as a result of normal wear and tear, including tune-ups, brake/clutch linings, windshield wiper blades, tire balancing, lubrication, and other similar procedures/parts required to keep vehicle in good working condition
- Failures that are the result of poor fuel quality, water in fuel, rust, etc.
- Repairs needed as a result of vehicle misuse, negligent care, improper maintenance, improper operation, or the result of accident or collision
- Fade, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes such as improper polishes, cleaners or washing solutions, or chemical and industrial fallout
- Failure to observe published capacity or load specifications for engine, transmission, propeller shaft, axles (powertrain) and suspension

LIMITED WARRANTY FOR School BUS
***Effective with vehicles built March 01, 2017 or later**

Other

- Vehicles sold and/or operated outside the United States and Canada
- This exception does not apply to vehicles that meet current US EPA emission standards, which were sold by an International dealer located in Mexico, if the vehicle is authorized by the US DOT to operate in long-haul, cross border transportation and the vehicle is only operated in the United States, Canada, and Mexico
- Vehicles/components that have had unauthorized alterations or modifications
- Vehicles on which the odometer reading has been altered
- Loss of time or use of the vehicle, loss of profits, inconvenience, or other consequential or incidental damages or expenses
- Replacement of defective parts with parts other than those provided by Navistar, Inc.

Obtaining Service

Return this vehicle to any International Truck dealer authorized to service this model vehicle and engine.

This warranty is automatically transferred to subsequent owners at no charge. Visit your local Authorized International Truck dealer for name and address change information.

Note: The customer has 365 days and up to a maximum of 100,000 miles (160,000 km) from DTU to purchase an extended warranty on the unit. For extended warranty purchases between 181 and 365 days from DTU and <100,000 miles (160,000 km) an additional fee will be assessed. See your local International dealer for details.

Disclaimer

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER.

No person is authorized to give any other warranties or to assume any liabilities on the Company's behalf unless made or assumed in writing by the Company, and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Telematics Data Disclosure

Your Navistar vehicle may include an activated telematics subscription service. By accepting this Limited Warranty, you consent to our collection and use of data from your vehicle as set forth at www.oncommandconnection.com on behalf of yourself and any vehicle operators and passengers. Navistar, Inc., or its affiliates will collect and send diagnostic and system data from your vehicle and use it for various purposes as further set forth in our Privacy Policy, posted at www.oncommandconnection.com, such as improving the uptime for your vehicle, improving our vehicles in the future, and reducing warranty events. If you choose not to allow Navistar to access your data, you may suspend your subscription at www.InternationalTrucks.com/Opt-Out.

LIMITED WARRANTY FOR School BUS
***Effective with vehicles built March 01, 2017 or later**

Record of Ownership

Upon receipt of new vehicle by original owner, complete the following:

I have read this Warranty Brochure and fully understand the warranty coverage. I acknowledge that I have received a copy of the Owner's Limited Warranty and I accept the terms described herein.

Customer Signature

Date

Owner's Address

City

State/Prov Postal Code

Truck Model

Vehicle Identification Number

Engine Model Number

Engine Serial Number

Date Delivered to User (DTU)

Odometer Reading at Delivery

IMPORTANT: The information contained in this Warranty Policy explains the coverage provided on your new International vehicle. This policy should be kept in the vehicle for presentation to the Dealer when you request warranty services.

TOW COVERAGE \$1,100 PER INCIDENT

This service contract for **Towing option(s)** provides coverage for 24 months or unlimited miles/kilometers traveled from new vehicle delivery date, whichever expiration occurs first.

During this period, Navistar, Inc. ("Navistar") will pay for a service call and/or towing to the nearest IC Bus, International® or Cummins dealer WITH A NAVISTAR OR CUMMINS WARRANTABLE AND MISSION-DISABLING UNSAFE OPERATING CONDITION FAILURE. Coverage of Cummins failure begins AFTER the expiration of the Cummins second year of standard tow coverage for school bus if an additional Cummins service contract is active in Navistar Service Portal. Maximum liability for Navistar, per incident, is \$1,100. Exceptions are listed herein under section *What is Not Covered*.

WHAT IS NOT COVERED

Repairs:

- Towing in connection with a failure that is NOT warranted with Cummins or Navistar.
- Any expense over the \$1,100.00 maximum liability, per incident.

Other:

- Buses sold and/or operated outside the United States and Canada.
- Buses /components which have had unauthorized alterations or modifications.
- Buses on which the odometer reading has been altered.
- Loss of time or use of the bus, loss of profits, inconvenience, or other consequential or incidental damages or expenses.
- Incidental or consequential costs or expenses which the owner may incur as a result of a malfunction or failure covered by this warranty, such as vehicle damage, communication expenses, meals, lodging, overtime, loss of use of engine or vehicle ("downtime"), loss of time, inconvenience, cargo loss or damage, and other similar costs and expenses.

OBTAINING SERVICE

To obtain service under this Service Contract, return this vehicle to any IC Bus or International® truck dealer authorized to service this model bus and engine. To locate an authorized dealer near you, please call the Navistar Customer Service Center at 800-44-TRUCK (800-448-7825).

DISCLAIMER

FOLLOWING THE EXPIRATION OF THE STANDARD NAVISTAR LIMITED WARRANTY AND DURING THE PERIOD OF THIS SERVICE CONTRACT, NO WARRANTIES OR ADDITIONAL COVERAGE ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS EXTENDED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EXCEPT FOR THE APPLICABLE STANDARD NAVISTAR LIMITED WARRANTY FOR YOUR VEHICLE. NAVISTAR SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. NAVISTAR FURTHER EXCLUDES LIABILITY FOR INCIDENTAL, SPECIAL, INDIRECT AND CONSEQUENTIAL DAMAGES, ON THE PART OF NAVISTAR OR SELLER. No person is authorized to give any other warranties or to assume any liabilities on Navistar's behalf unless specifically made or assumed in writing by Navistar; and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless specifically made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Navistar, Inc., except in Canada where it is Navistar Canada, Inc.

**RE/CE BUS EXTENDED VEHICLE COVERAGE
INCLUDING BUS BODY**

This **Extended Vehicle Coverage Including Bus Body option(s)** provides coverage for 24 months or 50,000 miles/ 80,000 kilometers traveled from new vehicle delivery date, whichever expiration occurs first.

During the period selected, Navistar, Inc. will repair or replace any of the covered components as defined below which proven defective in material and/or workmanship in normal use, with new or ReNEWed parts. Exceptions are listed herein under What is Not Covered.

GROUP 01 - FRAME AND BUMPER

067 - Carrier, Tire
071 - Bumper
211 - Bracket or Mounting
306 - Outrigger, Bus Platform Mounting
307 - Crossmember
309 - Crossmember, Engine
581 - Bumper Frame
660 - Rail, Frame Side
739 - Reinforcement or Gussets

GROUP 02 - FRONT AXLE

016 - Arm, Steering
032 - I-Beam, Front Axle
353 - Fitting/Zerk
535 - Knuckle, Steering
667 - King Pin & Bushing
799 - Seal, King Pin

GROUP 03 - SUSPENSION

62 - Equalizer / Rocker Arm and Bushing
066 - Torque Arm & Bushing Assembly
074 - Walking Beam & Bushing Assembly
203 - Air Bag Assembly
264 - Control (Air Suspension Only)
341 - Bracket, Shock Absorber Mounting
406 - Bolt, Center
437 - Suspension Air Control Manifold Assembly
438 - Suspension, ECM
468 - Spring Leaf Assembly
584 - Bracket Assembly, Spring
646 - Shackles, Pins & Bushing
711 - Crossmember, Rear Suspension
769 - Sway Bar Assembly
804 - Stop, Axle

GROUP 04 - BRAKES

003 - Tank, Air, Vacuum
005 - Knob
007 - Pumps
09 - Accumulators
10 - Hydraulic Power Brake (HPB) Unit
012 - Solenoid Valve
013 - Adjuster, Slack
020 - Cylinder, Self Actuate Hydraulic Release

036 - Adjuster Assembly, Automatic
105 - Bracket, Brake Chamber
231 - Chamber
232 - Diaphragm, Chamber
255 - Cylinder, Master
390 - Reservoir
392 - Switch, Fluid Level
397 - Governor and Mounting, Air
428 - Lever/Pedal, Parking Brake
429 - Cable/Linkage, Parking Brake
461 - Linkage / Cam / Camshaft, Wheel Brake Actuating
462 - Linkage/Pedal/Spring Brake Actuating
511 - Power Assist Unit
617 - Backing Plate/Anchor/Dust Shield
634 - Pump, Back-Up (Less Motor)
636 - Motor, Back-Up
643 - End Cover, Unloader Valve Air Dryer
662 - Spring, Brake Shoe Return
747 - Spring Applied Air Release (Saar) Canister
751 - Sensor, Steering Angle
753 - Sender, Stability Control
801 - Control Unit, Electronic ECU
811 - Relay/Magnetic Switch
812 - Valve, Modulator
816 - Sender, Wheel
826 - Caliper
840 - Caliper Bracket
842 - Switch, Flow
846 - Switch, Back-Up Motor
847 - Switch, Pressure Differential
848 - Module, Monitor
851 - Valve, Spring Brake Control
852 - Brake Assembly, Drive Line
909 - Harness, Cab
913 - Valve, Foot Control or Pedal
920 - Valve, Hand Control
923 - Harness, Front End (Wires/Connectors/Term)
932 - Valve, Front Wheel Limiting & Mounting
940 - Harness, PDM Distribution
944 - Valve, Quick Release
955 - Pully
990 - Wiring

GROUP 05 - STEERING

018 - Arm, Pitman
069 - Link, Drag
164 - Column Assy. & Mounting, Steering
167 - Wheel Mechanism, Tilt Steering
206 - Couplings/U-Joint, Steering Shaft
252 - Wheel, Steering
311 - Gear Assembly, Steering
314 - Gasket, Power Steering Pump Mounting
316 - Wheel Mechanism, Telescoping Steering
370 - Bracket/Mounting, Steering Gear
555 - Cylinder Assembly & Valves
653 - Cooler Assembly, Oil 701 - Pump Assembly
757 - Reservoir Assembly 818 - Valve, Control
955 - Pulley

GROUP 06 - PROP SHAFT

101 - Bearing
165 - Mounting, Bearing
391 - Joint, Universal
475 - Boot / Clamp, Slip Joint
478 - Shaft
703 - Yoke/Spline

GROUP 07 - EXHAUST

107 - Assembly, Basic
143 - Bracket/Support, Mounting
426 - Guard / Heat Shield
533 - Tail Pipe, Exhaust Gas Cooler
551 - Pipe, Crossover
576 - Pipe & Flange, Exhaust
615 - Pipe/Stack, Tail
775 - Cap, Stack
824 - Pipe, Flex

GROUP 08 - ELECTRICAL

005 - Knob
018 - Alternator Assembly 038 - Multiplex Signal Module (MSM)
041 - Telematics Control Module (TCM)
049 - Switch, SOS
059 - Regulator, Voltage
63 - Solenoid Base, Pneumatic Accessory
065 - Solenoid Unit, Pneumatic Accessory
073 - Amplifier, Pyrometer
074 - Gauge, Voltmeter
076 - Gauge, Fuel Level
088 - Gauge, Oil Pressure (Electrical)
097 - Gauge, Coolant Temperature (Electrical)
099 - Gauge, Ammeter
109 - Gauge, Engine Oil Temperature
110 - Gauge, Pyrometer
111 - Gauge, Rear Axle Oil Temperature
116 - Gauge, Speedometer (Electrical)
117 - Gauge, Tachometer (Electrical)
118 - Gauge, Transmission Oil Temperature

124 - Sender, Fuel Level
127 - Tachometer/Trip Recorder (Elec Driven)
155 - Sender, Pyrometer
156 - Sender, Rear Axle Oil Temperature
159 - Sender, Transmission Oil Temperature
202 - Motor, Starter
217 - Solenoid, Starter Motor
221 - Bezel/Cover Plate
223 - Circuit Board
224 - Switch, Speedometer / Tachometer Dip (Reprogramming Only)
225 - Panel, Circuit Breaker/Relay/Fuse
226 - Mounting, Circuit Breaker/Relay/Fuse Panel
251 - Harness, Coiled Ribbon (Clock Spring)
266 - Switch, Clutch
269 - Module, Coolant Probe
270 - Probe, Coolant Level
284 - Antenna and Lead-In
347 - Mounting
372 - Module, Pyrometer
373 - Module, Ammeter
374 - Circuit Housing, Speedometer / Tachometer
375 - Sender, Air Pressure
388 - Lamp Assembly
401 - Clean Power Cable (Battery To Cab)
404 - Flasher
405 - Beeper, Hydraulic Brake Warning
407 - Alarm, High Water Temp/Low Oil Press.
408 - Beeper, Low Air Pressure
418 - Regulator & Motor Assembly
424 - Hourmeter
430 - Odometer
487 - Horn Assembly
499 - Contact Ring/Button, Horn
508 - Monitor, Driver Display Unit
510 - Sensor, Radar Side/Front
511 - Camera, Forward Looking
512 - Display, Side Sensor
514 - Sensor, Turn Assembly
516 - Magnet, Turn Sensor Assembly
518 - Harness, Side Sensor
585 - Automatic Headlight Sensor
586 - Antenna, Tire Pressure Monitor
587 - Brake Stroke Chamber W/Sensor
588 - Display, Vehicle Information
589 - Fuel Filter Restriction Globe W/Sensor
595 - Module/Controller, Tire Pressure Monitor
596 - Module, Vehicle Sensor
598 - Batteries, Jumper Cable
599 - Sensor, Brake Pad Wear
601 - Wheel Module, Tire Pressure Monitor
607 - Switch, Air Horn
608 - Clock
609 - Switch, Cruise On/Off
618 - Switch, Cruise Set/Reset

620 - Switch, Engine Brake On/Off
621 - Switch, Headlight Interrupt
623 - Switch, Marker Interrupt
624 - Switch, Radio
628 - Switch, Transmission Mode
629 - Switch, Transmission Shift
637 - Alarm, Back-Up
705 - Solenoid, Air 718 - Solenoid
743 - Clean Power Cable (Batt to Engine Connect
745 - Daytime Running Light Switch
758 - Central Processing Unit (CPU)
783 - Compass, Electronic
784 - Thermometer, Electronic
797 - Clean Power Cable (Batt to Transmission)
811 - Relay/Magnetic Switch
815 - Switch, Key/Ignition
821 - Switch, Push Button Starter
828 - Switch, Dimmer
835 - Switch, Back-Up Light
840 - Switch, Neutral Start
848 - Module Monitor
850 - Switch, Low Oil Pressure
854 - Controller, Esc
863 - Switch, Stoplight (Air)
864 - Switch, Stoplight (Hydraulic)
865 - Switch, High Water Temperature
870 - Switch, Low Air Pressure
871 - Switch, Low Coolant Level
872 - Switch, Parking Brake
884 - Switch, Headlight
885 - Switch, Marker/Interrupt
886 - Switch, Turn Signal
887 - Programming
907 - Actuator, Switch Pack
908 - Switch Pack (Base)
909 - Harness, Cab Wires Conn's & Terminals
923 - Harness, Front End (Wires, Connectors And
Terminals)
940 - Harness, PDM Distribution
955 - Pulley
996 - Monitor, Battery Run Down Protection

GROUP 09 - COOLING

12 - Solenoid Valves
022 - Core
026 - Shutter Assembly
047 - Hose/Pipe, Radiator
64 - Tank & Neck, Radiator
083 - Shroud Clamp
85 - Shroud Mounting Bracket
091 - Shroud, Engine Mounted
108 - Cylinder Assembly, Actuating
123 - Mounting, Radiator
136 - Motor
142 - Rod Assembly, Control
176 - Shroud

197 - Shutterstat
210 - Glass, Sight
211 - Tank & Mounting, Surge
222 - Solenoid
240 - Motor / Pump
427 - Bottle and Hose, Coolant Recovery
504 - Fan Module
616 - Cooler, In Tank Oil
701 - Pump Assembly
740 - Blade Assembly, Fan
755 - Electronic Fan Controller
756 - Hydraulic Fluid Reservoir
767 - Oil Cooler (Oil-To-Air)
811 - Relay/Magnetic Switch
852 - Pipe, Charge Air Cooler
865 - Switch, Temperature
909 - Harness, Cab (Wires/Connectors/Term)
925 - Charge Air Cooler, Chassis Mounted
940 - Harness, PDM Distribution

GROUP 10 - INSTRUMENTS

053 - Head Assembly

GROUP 11 - CLUTCH

059 - Bearing and Sleeve Assembly, Release
101 - Cylinder, Master
133 - Cylinder, Slave
292 - Fork and Cross Shaft, Clutch Release
349 - Lever Assembly, Relay
403 - External Linkage
440 - Self Adjusting Mechanism
462 - Pedal
639 - Intermediate Plat
862 - Plate Assembly, Pressure

GROUP 12 - ENGINE

222 - Solenoid
740 - Blade Assembly, Fan
744 - Fan Drive, Viscous
746 - Fan Drive, On/Off
748 - Control, Fan Clutch
750 - Pulley, Fan
802 - Sart Module
811 - Relay/Magnetic Switch
814 - Pedal Assembly, Accelerator
828 - Front Mount/Bolt
836 - Rear Mount/Bolt
865 - Switch, Temperature
905 - Bracket, Air Compressor Mtg.
909 - Harness, Cab (Wires/Connectors/Term)
911 - Bracket, Alternator Mtg.
914 - Bracket, Refrigerant Compressor Mounting
919 - Bracket, Power Steering Pump Mounting
930 - Coupling, Accessory Drive
938 - Gear, Power Steering Pump Driver
946 - Tensioner, Belt

955 - Pulley/Idler/Bearing

GROUP 13 – TRANSMISSION

005- Knob
107 - Breather
114 – Case, Housing-main
115- Housing, rear
125 - Flange, Companion
138 - Block, Resistor
139 - Housing, Bell
146 - Plug (fill & drain)
153 - Plug, expansion
155- Sensor, oil level/temperature (tol/tot)
173 - Sensor, vehicle speed (vss)
178- Sensor, shaft counter speed
179- Sensor, position
191 - Retainer, Bearing
205 - Bearing
210- Brake, counter shaft
228- Brake, main shaft
230- Shaft, input
231- Brake, input shaft
260 - Ring, lock
274 - Washer, thrust
313 - Detent Poppet Ball & Spring
333- Planetary assembly
334- Value, asm. planetary
352 - Hose/pipe
353 - Fitting
379 - Shift rail & fork
380 - Circuit breaker
400 - Gears, mainshaft
402 - Gears, countershaft
492 - Synchronizer
521 - Countershaft
573 - Mainshaft
616 - Cooler, Oil (Oil-To-Air)
617- Cooler, oil (oil-to-coolant) transmission mounted
676 - Fittings, oil cooler line
677 - Line, Oil Cooler
695 - DIP STICK ASSEMBLY
736 - Cylinder, air shift
769 - LEVER, SHIFT
785 - Linkage/Cable, Remote Shift Control
795- Planetary valve body (air) & connector
796 - Valve, slave (air shift)
798- Pneumatic shift actuator (mac) asm.
801 - Module, electronic control (ecm)
807 - Module, vehicle personality (vpm)
811 - Switch, relay/magnetic
825 - Switch, On/Off
839 - Switch, Brake
866 – Mounting
875 - Gasket
909 - Harness, Cab (Wires, Connectors & Term)

921 - Harness, other (wires, connectors and terminals)

940 - Harness, pdm distribution
960 - Electronic control unit
961 - Mechanical shift controls
962 - Electronic shift controls
964 - Module, control transfer case
971 - Retarder & controls

GROUP 14 - REAR AXLE

13 - Adjuster, Slack
016 - Arm, Steering
068 - Spring, Lift
135 - Flange/Yoke, Comp
147 - Carrier
170 - Housing, Axle
203 - Air Bag Assembly
216 - Stud
231 - Chamber
265 – Control (Air Suspension Control)
323 - Hanger and Crossmember Assembly
357 - Bearings, Internal (Axle Carrier)
376 - Gears, Bushings & Cross, Differential
395 – Differential, Limited Slip
424 - Bolt, Ring Gear
441 – Wheel End Gearboxes
448 - Gears, Helical
472 - Gears, Planetary
496 - Gears, Ring & Pinion
590 – Shaft, Helical Drive Gear
606 - Clutch, Sliding
619 - Control, Air Shift
630 - Cylinder, Air Shift
654 - Fork, Shift
679 - Motor, Air Shift
707 - Bearing/Ret, P.D.
713 - Pump, Oil
719 - Case, P.D. Diff.
730 - Gears/Bushing & Cross Power Divider
747 - Tank, Air or Vacuum
969 - Knuckle, Steerable
970 - King Pin, Knuckle

GROUP 15 - FUEL SYSTEM

11 - Cap/Scoop, Air Inlet
14 - Box/Water Separator, Air Inlet
026 - Pipe, Air Inlet
029 - Control System, Air Inlet Temperature
142 - Pre-Heater Element
143 - Valve, Drain
144 - Valve, Check
145 - Cap, Vent
146 - Pump, Primer
147 - Collar
148 - Body
177 - Filler Neck/Cap & Gasket

196 - Sensor, Water in Fuel
216 - Bracket, Stack Mounting
263 - Air Intake Grill
479 - Finish (Metal)
500 - Bracket & Bolts, Mounting
637 - Tank Body
787 - Tube, Fuel Outlet
857 - Indicator, Air Restriction
890 - Transfer Pump, Electric (Tank to Tank)
892 - Valve/Control, Fuel Tank
909 - Harness, Cab Wires Conn's & Terminals
976 - Vent, Air
988 - Guard, Crash

GROUP 16- CAB

006 - Stop, Hood
018 - Bezel, Head or Tail Lamp
027 - Step, Cab
053 - Cable, Hood
071 - Channel, Glass Run 078 - Remote Control/Cable, Door
86 - Crossmember, Cab Mounting
102 - Cab Tilt Lock Mechanism
103 - Cab Tilt Hinge Mechanism
104 - Cowl/Firewall/SC or FC Platform
121 - Suspension, Sleeper Bunk
122 - Cylinder, Lift
123 - Latch Assembly
129 - Cabinets
130 - Door
131 - Window, Sleeper
135 - Cylinder, Lift
139 - Door Assembly, Radiator Access
146 - Shade, Sun
248 - Grille Assembly
264 - Handle, Grab
265 - Handle, Hood
282 - Hinge
291 - Hinge, Hood/Engine Access Door Hatch
295 - Hood Guides
300 - Bunk Occupant Restraint Strap/Tent
301 - Cowl Tray
309 - Hood
329 - Insulation
330 - Shield, Sound
336 - Insulation, Engine Compartment
345 - Latch & Exterior Handle
362 - Latch, Hood
368 - Latch, Doghouse Panel/Engine
398 - Map Pocket, Passenger Door
409 - Air Intake Baffle/Water Sep. Baffle
421 - Mirror, Spot
423 - Mirror, Exterior (Basic)
433 - Mirror, Interior
459 - Mounting, Front Cab
463 - Mounting, Intermediate Body

468 - Mounting
546 - Panel, Back
555 - Doghouse Panel/Engine Cover
567 - Panel, Floor
568 - Panel, Halo
569 - Panel, Engine Surround
584 - Panel, Instrument
611 - Panel, Splash
619 - Panel / Skin
625 - Rivet/Fastener
627 - Weld
637 - Structure
666 - Regulator & Handle, Window
675 - Arm Rest
684 - Roof
721 - Spring/Shock Absorber & Mounting, Cab
739 - Stop Assembly, Door
748 - Sub-Frame
799 - Console
802 - Manifest Box/Door Pouch
804 - Trim, Interior
805 - Trim, Bunk
806 - Mirror, Interior
807 - Under Bunk Lift Assist Shock
811 - Relay/Magnetic Switch (Electric Mirror)
825 - Switch, Electric Mirror
833 - Valve, Control
844 - Ventilator
855 - Visor, Sun
877 - Vent Window & Seal
896 - Trim, Hood
909 - Harness, Cab (Wires/Connectors/Term)
926 - Shor Power Connection
928 - Door, Hood / Engine Access
929 - Hinge / Bracket, Front Hood Mounting
934 - Reinforcement, Hood
935 - Torsion Bar, Hood Assist
936 - Latch, Engine Access Door
958 - Bracket, Sun Shade Mounting
972 - Panel, Rear Trim
973 - Panel, Door Trim - Driver Side
974 - Panel, Door Trim - Passenger Side
975 - Holder, Cup
991 - Motor, Mirror
992 - Heater, Mirror
994 - Bracket, Mirror

GROUP 17 - WHEELS

031 - Disc Wheel
87 - Hub (Disc Wheel)
108 - Rim (Demountable)
386 - Spoke Wheel

GROUP 18 – SCR AFTERTREATMENT

45 - Hose, Pump to Tank Supply / Suction
46 - Hose, Pump to Tank Return

47 - Hose, Pump to Doser / Injector
124 - Sensor Assembly, Def Tank
177 - Cap, Filler Tank
180 - Cover, Supply Module
181 - Heater, Tank
350 - Hose, Tee to Doser
351 - Hose, Doser To Tee
500 - Bracket/Strap, Def Tank
501 - Bracket, Supply Module Pump
502 - Bracket, ACM
565 - Wiring, (Sensor)
637 - Tank, Diesel Exhaust Fluid
787 - Pickup, Tank
793 - Tank Def, Coolant Flow Valve
801 - Module, PDM
906 - Wiring, ACM
907 - Wiring, Supply Module
908 - Wiring, Heated Line
909 - Wiring, Head Unit

GROUP 19 - ACCESSORIES

001 - Fan, Defroster
15 - Clutch, Compressor
028 - Compressor/Reciprocating
029 - Compressor/Rotary
043 - Condenser
045 - Linkage, Wiper
070 - Switch, Radiator Fan/Shutter Override
076 - Core (Heater)
094 - Evaporator
100 - Meter Assembly, Engine
105 - Wheel, Blower
138 - Block, Resistor
149 - Accumulator/Dryer
182 - Valve, Expansion
183 - Valve, Rear Expansion
187 - Ducting, Air Cond/Heater/Defroster
197 - Horn Assembly
214 - Valve, Control
251 - Harness, Coiled Ribbon (Clock Spring)
310 - A/C O Ring
317 - Schrader Valve, Low Side
318 - Schrader Valve, High Side
325 - Solenoid, Pneumatic
327 - Switch, Air Horns
331 - Electric Air Compressor, Seat
343 - Shock, Seat
344 - Adjuster Assembly, Seat
351 - Frame, Seat
353 - Fitting
354 - Control, Air Seat
355 - Mounting/Housing (Main Case)
363 - Bag, Air
381 - Retractor, Seat Belt
386 - Belt, Seat

411 - Plate, Fifth Wheel
417 - Control, Fifth Wheel
435 - Heater Assembly, Engine
436 - Socket, Engine Heater
443 - Back-Up Camera
472 - Reservoir
506 - Lock Cylinder, Fifth Wheel
632 - HVAC Hose, Under Cab to Rear
675 - Rest, Arm
708 - Module, Blower Speed LPM
709 - Module, HVAC Control
733 - Actuator, Motor/Door - Blend Air
734 - Actuator, Motor / Door - Fresh Air
735 - Actuator, Motor/Door - Air Distribution
763 - Sensor, Refrigerant Pressure
764 - Thermistor, Inlet
765 - Thermistor, Outlet
807 - Module, Vehicle Personality (VPM)
825 - Switch
826 - Switch, Bunk-On/Off
827 - Switch Bunk-Temperature Control
830 - Switch, Intermittent
837 - Switch, Clutch
838 - Switch, Set-Resume
849 - Module, Diagnostic - APADS
880 - Switch, Pressure-Low
881 - Switch, Pressure-High
882 - Switch, Thermostatic
885 - Freeze Sensor
909 - Harness, Cab (Wires, Connectors and Terminals)
923 - Harness, Front End (Wires/Connectors/Term)

GROUP 22 - GENESIS BODY - COMP

001 - Fan, Defroster
040 - Bows
042 - Cowl, Front
044 - Frame, Rear
046 - Rails, Drip
048 - Rails, Seat
050 - Spacers, Bow
052 - Steps
055 - Bumper, Front
056 - Bumper, Rear
060 - Header, Entrance Door
061 - Frame, Entrance Door
062 - Drivers Seat Sub-Frame (K Frame)
63 - Frame, Side Emergency Door
64 - Frame, Rear Emergency Door
65 - Frame, Lift Door
66 - Frame, Body to Cab Floor
067 - Frame, Body to Cab Roof
068 - Frame, Davenport
080 - Bars, Light
082 - Bumpers, Header
084 - Caps, Inside

086 - Insulation	330 - Tiedown Bolts, Plates, J- Bolts, U-Bolts
088 - Lining, Lower	332 - Wheel pocket Assy.
090 - Lining, Overhead	339 - Transition Panel / Cowl Filler Panel
092 - Racks, Luggage	340 - Doors, Engine Service
094 - Rails Grab	350 - Cross View Mirror
096 - Rails, Shoulder	360 - Cover, Wheel-Pocket
098 - Rails, Standee	364 - Moulding, Cove
100 - Reduction, Noise	366 - Treads, Step
120 - Bracket, License Plate	369 - Wig-Wag
122 - Caps, Outside	389 - Child Check Mate
124 - Caps, Post	402 - Window, Driver's
126 - Door, Fuel	410 - Window, Emergency Exit
128 - Handles, Access	416 - Window, Split Sash
129 - Front Fiberglass Panel	423 - Thermistor, Inlet
130 - Panels, Rear Inside Window	425 - Switch, Radiator Fan / Shutter Override
131 - Front Sheet Metal	426 - Window, Split Storm
134 - Rails, Rub	427 - Switch, Pressure - Low
136 - Rails, Snow	429 - Clutch, Compressor
138 - Sheets, Side	430 - A/C Compressor, Rotary
140 - Skins, Rear Outside	431 - Ducting, Air Conditioner
141 - Hatch, Roof	432 - Wheel, Blower
142 - Skirts	433 - Hose, A/C
146 - Roof Panels(Topping)	434 - O-Ring, A/C
148 - Door, Engine	435 - Schrader Valve, Low Side
151 - Door, W/S Wiper	436 - Sensor, Refrigerant Pressure
152 - Grille	437 - Switch
200 - Electrical Access Compartment	438 - Accumulator / Dryer
204 - Battery, Compartment	439 - Switch, Pressure - High
208 - Spare Tire Compartment	440 - Heater, Under Seat
212 - Luggage Compartment	441 - Harness, (Wires, Connectors, & Terminals) 442
214 - Safety Compartment	- Heater, Rear
216 - Destination Sign Compartment	444 - Covers/Trim, Hose
218 - Tool Compartment	445 - Control Cable
239 - Controls Air	446 - Driver's Heater
240 - Boxes, Buzzer	447 - Core, Heater
241 - Controls Electric	449 - Motors, Heater
243 - Controls, Manual	450 - Stepwell Heater
244 - Devices, Hold Bac	451 - Pump, Booster Heater
246 - Doors, Entrance	453 - Condenser
248 - Doors, Lift - Single / Double	454 - Fan, Condenser
250 - Doors, Emer. Rear	455 - Evaporator
252 - Doors, Emer. Side	456 - Defroster Duct
254 - Handles, Door	457 - Valve, Expansion
256 - Hinges	459 - Fitting / Pipe (A/C)
258 - Locks, Door	460 - Harness, Front End
262 - Vandalocks	462 - Relay / Magnetic Switch
275 - Light, Step	463 - Schrader Valve, High Side
281 - Electric Panel	464 - Harness, Flasher Plate
283 - Fuse Panel	465 - Harness, LH Switch Panel
284 - Horns	466 - Harness, Rh Switch Panel
294 - Speakers	467 - Harness, Over Head Switch Panel
296 - Switches	468 - Valve, Water (Dash Mounted A/C Heater Unit
297 - Radio	469 - Harness, Front Cap
298 - Antenna	470 - Harness, Rear Cap
322 - Panels, Floor	471 - Harness, Power Distribution (On Flasher Plate)
326 - Sills, Floor	472 - Switch, Thermostatic

474 - Thermistor, Outlet	542 - Marker Light
475 - Tube, Drain	544 - Red Light 546 - Stop Light
476 - Tube, Orifice	548 - Stop/Tail Light 550 - Strobe Light 554 -
478 - Motor	Warning Light
479 - A/C Electric Control Panel	556 - Lift Door Light, Interior 558 - Lift Door Light,
480 - Panels, Modesty 484 - Restraints, Lap 488 -	Exterior 560 - Cowl Mount Mirror
Stanchions	562 - Fender Mount Mirror / Rear View
493 - Harness, Left Hand Body	564 - Heated Mirror
494 - Harness, Right Hand Body	566 - Inside Rear View Mirror 568 - Spy Mirror
495 - Harness, Flasher to Cowl 498 - Harness, Body	640 - Alarms, Backing 662 - Sign, Designation 682 -
Options External (Engine)	Crash Barrier Frame 684 - Belts, Seat
499 - Microphone 501 - Harness, Dash 520 - Back-	692 - Passenger Seat Frame 694 - Shields, Courtesy
Up Light	697 - Flip Seat Frame
524 - Instrument Cluster Light 526 - Directional	720 - Stop Arm
Light	726 - Gates, Crossing 740 - Motor, Stop Arm
528 - Directional, Side Light Assembly	742 - Motor, Stop Arm Module 762 - Static Vent
534 - Fog Light 536 - Headlights	810 - Motor, Drive 812 - Washer
540 - License Plate Light, Assembly	

WHAT IS NOT COVERED**Components / Items:**

- Correction of loose fasteners, squeaks, rattles and unusual noises.
- Adjustments (e.g., headlights, brake/clutch adjustments, steering system adjustments, coolant levels).
- Items warranted by their respective manufacturers (e.g., non-Navistar brand engines, tires & tubes, Allison Transmissions, clutch, batteries, radios, lubricants, etc).
- Any part that is not a Navistar part number.
- Unauthorized parts other than Navistar service parts or ReNEWed® parts.
- Bodies, equipment and accessories installed by other than authorized Navistar employees at Navistar manufacturing plants.
- Front and rear axle alignment.
- Engine, Engine Electronics, Injectors, Turbocharger.
- Hybrid Electric Components (except Hybrid/Electric Drive Cooling).

Repairs:

- Maintenance-related items/ repairs or those as a result of normal wear and tear, including tune-ups, brake/clutch lining, clutch brake, windshield wiper blades, windshield wiper nozzles, gaskets, belts, seals, tire balancing, lubrication, batteries and other similar procedures/parts required to keep vehicle in good working condition. Such maintenance items or repairs include, but are not limited to oil changes, oil filters, air filters, desiccant cartridge, fuel filters, tire rotation, cleaning/polishing, engine tune-up, adding oils, tightening of air intake and coolant clamps, ash tray, cigarette lighter element, fire extinguishers, fluorescent ballast and tubes, fuses, gladhand and gladhand rubbers, trailer hoses, hose tenders, trailer electrical cables, light bulbs, mattress, mud flaps, mud flap mounting bracket.
- Repairs to any part of the vehicle subjected to misuse, negligence, improper maintenance, improper operation, or which is the result of an accident.
- Fades, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes, improper polishes, cleaners or washing solutions, or chemical and industrial fallout.
- No coverage will be granted if Power Train, Propshaft and Suspension sales guidelines (specifications) are not strictly adhered to by all owners and operators of this vehicle.
- Accidents, acts of nature or other events beyond control of Navistar.
- Any single repair requiring less than \$40.00 parts and labor to complete.

Other:

- Vehicles sold and/or operated outside the United States or Canada.
- Vehicles/components which have had unauthorized alterations or modifications.
- Vehicles on which the odometer reading has been altered.

- Incidental or consequential costs or expenses which the owner may incur as a result of a malfunction or failure covered by this warranty, such as vehicle damage, communication expenses, meals, lodging, overtime, loss of use of engine or vehicle ("downtime"), loss of time, inconvenience, cargo loss or damage, and other similar costs and expenses.
- Replacement of defective parts, which were, not authorized Navistar equipment when first installed.
- Towing, unless additionally purchased.

OBTAINING SERVICE

To obtain service under this Service Contract, return this vehicle to any Navistar truck dealer authorized to service this model vehicle and engine. To locate an authorized dealer near you, please call the Navistar Customer Service Center at 800-44-TRUCK (800-448-7825).

DISCLAIMER

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER. No person is authorized to give any other warranties or to assume any liabilities on the company's behalf unless made or assumed in writing by the Company; and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Navistar, Inc., except in Canada where it is Navistar Canada, Inc.

Cummins Warranty

All Engines United States And Canada School Bus

Coverage

Products Warranted

This Warranty applies to new diesel, LPG, compressed or liquid natural gas fueled Engines sold by Cummins Inc. or Cummins Westport and delivered to the first user on or after September 15, 1996, that are used in school bus* applications in the United States** or Canada.

Base Engine Warranty

The Base Engine Warranty covers any failures of the Engine which result, under normal use and service, from a defect in material or factory workmanship (Warrantable Failure). This Coverage begins with the sale of the Engine by Cummins and continues for five years or 100,000 miles (160,934 kilometers), whichever occurs first, from the date of delivery of the Engine to the first user.

Engine aftertreatment components included in the Cummins Critical Parts List (CPL) and marked with a Cummins part number are covered under Base Engine Warranty.

Extended Major Components Warranty

The Extended Major Components Warranty applies to all except ISV, ISB6.7 G, B and ISB Series Engines and covers Warrantable Failures of the Engine cylinder block, camshaft, crankshaft and connecting rods (Covered Parts).

Bushing and bearing failures are not covered.

This Coverage begins with the expiration of the Base Engine Warranty and ends three years or 300,000 miles (482,804 kilometers), whichever occurs first, from the date of delivery of the Engine to the first user.

Emission Warranty

Additional Coverage is outlined under the Emission Warranty.

THESE WARRANTIES ARE MADE TO ALL OWNERS IN THE CHAIN OF DISTRIBUTION AND COVERAGE CONTINUES TO ALL SUBSEQUENT OWNERS UNTIL THE END OF THE PERIODS OF COVERAGE.

Cummins Responsibilities

During The Base Engine Warranty

Cummins will pay for all parts and labor needed to repair the damage to the Engine resulting from a Warrantable Failure.

Cummins will pay for the lubricating oil, antifreeze, filter elements, belts, hoses and other maintenance items that are not reusable due to the Warrantable Failure.

Cummins will pay for reasonable labor costs for Engine removal and reinstallation when necessary to repair a Warrantable Failure.

Cummins will pay reasonable costs for towing a vehicle disabled by a Warrantable Failure to the nearest

authorized repair location when necessary to make the repair for the first 2 years from the date of delivery of the Engine to the first user. In lieu of towing expenses, Cummins will pay reasonable costs for mechanics to travel to and from the location of the vehicle, including meals, mileage and lodging, when the repair is performed at the site of the failure.

During The Extended Major Components Warranty

Cummins will pay for the repair or, at its option, replacement of the defective Covered Part and any Covered Part damaged by a Warrantable Failure of the defective Covered Part.

Owner Responsibilities

During The Base Engine Warranty

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items provided during Warranty repairs unless such items are not reusable due to the Warrantable Failure.

During The Extended Major Components Warranty

Owner is responsible for the cost of all labor needed to repair the Engine, including the labor to remove and reinstall the Engine. When Cummins elects to repair a part instead of replacing it, Owner is not responsible for the labor needed to repair the part.

Owner is responsible for the cost of all parts required for the repair except for the defective Covered Part and any Covered Part damaged by a Warrantable Failure of the defective Covered Part.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items replaced during the repair.

During The Base Engine And Extended Major Components Warranties

Owner is responsible for the operation and maintenance of the Engine as specified in the applicable Cummins Operation and Maintenance Manual. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of the applicable Warranty, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Warrantable Failure and make the Engine available for repair by such facility. Except for Engines disabled by a Warrantable Failure during the first two years from the date of delivery of the Engine to the first user, Owner must also deliver the Engine to the repair facility.

Service locations are listed on the Cummins Worldwide Service Locator at cummins.com.

Owner is responsible for communication expenses, meals, lodging and similar costs incurred as a result of a Warrantable Failure.

Owner is responsible for non-Engine repairs and for "downtime" expenses, passenger delays, fines, all applicable taxes, all business costs and other losses resulting from a Warrantable Failure.

Limitations

Engines with an emissions certification listed below must be operated using only diesel fuel having no more than the corresponding maximum sulfur content. Failure to use the specified fuel as listed in the Cummins Fuel Bulletin #3379001 Table 1 (Cummins Inc. Required Diesel Fuel Specifications) can damage the Engine and aftertreatment system within a short period of time. This damage could cause the Engine to become inoperable and failures attributable to the use of incorrect fuels will be denied Warranty Coverage. Fuel specifications also need to comply with local fuel regulations (EN590 for Europe and ASTM D975 for North America) for Warranty eligibility.

Maximum sulfur levels by emissions certification level as listed on the Engine's dataplate are:

EPA 2007/2010/2013/2017/2021	max. 15 parts per million
EPA Tier 4 Interim / Final / Stage V in North America	max. 15 parts per million
EU Stage IIIB 2011	max. 15 parts per million
EU Stage IV 2011	max. 15 parts per million
EU Stage V	max. 10 parts per million
Euro 4/5	max. 50 parts per million
Euro 6	max. 10 parts per million

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine.

Any unauthorized modifications to the aftertreatment system could negatively affect emissions certification and void the Warranty.

Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel exhaust fluid.

Alternators and starters are covered for the first two years from the date of delivery of the Engine to the first user, or the expiration of the Base Engine Warranty, whichever occurs first.

Excessive oil consumption for ISV and B Series Engines is covered for the duration of the Coverage. Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that consumption exceeds Cummins published standards.

Failures of belts and hoses supplied by Cummins are not covered beyond the first year from the date of delivery of the Engine to the first user or the expiration of the applicable Base Engine Warranty, whichever occurs first.

Parts used to repair a Warrantable Failure may be new Cummins parts, Cummins approved rebuilt parts or repaired parts. Cummins is not responsible for failures resulting from the use of parts not approved by Cummins.

A new Cummins or Cummins approved rebuilt part used to repair a Warrantable Failure assumes the identity of the part it replaced and is entitled to the remaining Coverage hereunder.

Cummins, Inc. reserves the right to interrogate Electronic Control Module (ECM) data for purposes of failure analysis.

CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THESE WARRANTIES AND THE EMISSION WARRANTY SET FORTH HEREINAFTER ARE THE SOLE WARRANTIES MADE BY CUMMINS IN REGARD TO THESE ENGINES. CUMMINS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Emission Warranty

Products Warranted

This Emission Warranty applies to new Engines marketed by Cummins that are used in the United States** or Canada in vehicles designed for transporting persons or property on a street or highway. This Warranty applies to Engines delivered to the ultimate purchaser on or after January 1, 1996.

Coverage

Cummins warrants to the ultimate purchaser and each subsequent purchaser that the Engine is designed, built and equipped so as to conform at the time of sale by Cummins with all U.S. federal emission regulations applicable at the time of manufacture and that it is free from defects in material or factory workmanship which would cause it not to meet these regulations within the longer of the following periods: (A) Five years or 100,000 miles (160,934 kilometers) of operation, whichever occurs first, as measured from the date of delivery of the Engine to the ultimate purchaser, or (B) The Base Engine Warranty.

If the vehicle in which the Engine is installed is registered in the state of California, a separate California Emission Warranty also applies.

Limitations

Engines with an emissions certification listed below must be operated using only diesel fuel having no more than the corresponding maximum sulfur content. Failure to use the specified fuel as listed in the Cummins Fuel Bulletin #3379001 Table 1 (Cummins Inc. Required Diesel Fuel Specifications) can damage the engine and aftertreatment system within a short period of time. This damage could cause the engine to become inoperable and failures attributable to the use of incorrect fuels will be denied Warranty Coverage. Fuel specifications also need to comply with local fuel regulations (EN590 for Europe and ASTM D975 for North America) for Warranty eligibility.

Maximum sulfur levels by emissions certification level as listed on the Engine's dataplate are:

EPA 2007/2010/2013/2017/2021	max. 15 parts per million
EPA Tier 4 Interim / Final / Stage V in North America	max. 15 parts per million
EU Stage IIIB 2011	max. 15 parts per million
EU Stage IV 2011	max. 15 parts per million
EU Stage V	max. 10 parts per million
Euro 4/5	max. 50 parts per million
Euro 6	max. 10 parts per million

Failures, other than those resulting from defects in material or factory workmanship, are not covered by this Warranty.

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine.

Any unauthorized modifications to the aftertreatment system could negatively affect emissions certification and void the Warranty.

Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel exhaust fluid.

Cummins is not responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs or other losses resulting from a Warrantable Failure.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

* A vehicle used to transport students to and from school. Vehicle must be painted yellow, should have warning lights and the words 'SCHOOL BUS' written on the front

and rear roof caps. The requirements pertaining to paint color, warning lights and 'SCHOOL BUS' inscription would not apply if the vehicle is exclusively used to transport students for school related activities and it is owned by a school district.

** United States includes American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico and the U.S. Virgin Islands.



Cummins Inc.
Box 3005
Columbus, IN 47202-3005
U.S.A.

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IC Bus Servicing Dealers

International Dealer	Address	Phone
Border International Trucks El Paso	12283 Rojas Dr, El Paso, TX 79936	(915) 858-4644
Graham International Inc Sherman	5800 Texoma Pkwy, Sherman, TX 75090	(903) 892-2122
Graham International, Inc. Paris	2945 NE Loop 286, Paris, TX 75460	(903) 784-6683
Holt Truck Center - Houston	14201 Hempstead Rd, Houston, TX 77040	(713) 690-1700
Holt Truck Center - Houston	8900 N Loop E Fwy, Houston, TX 77029	(713) 674-3444
Holt Truck Center - Edinburg	1320 S. 25th Avenue, Edinburg, TX, 78542	(956) 289-7600
Holt Truck Center - Victoria	2605 Port Lavaca Dr, Victoria, TX 77901	(361) 575-1481
Holt Truck Centers - Austin North	16336 N. Interstate 35, Austin, TX 78728	(512) 813-6868
Holt Truck Centers - Austin South	5010 Burleson Rd, Austin, TX 78744	(512) 389-1111
M & R Fleet Services	2465 W Cardinal Dr, Beaumont, TX 77705, USA	(409) 617-0975
Holt Truck Centers - Bryan	4050 Hwy 21 East, Bryan, TX 77808	(979) 778-7481
Holt Truck Centers - Temple	6043 N General Bruce Dr., Temple, TX 76501	(254) 778-3648
Holt Trucks Centers - San Antonio	1380 Ackerman Rd, San Antonio, TX 78219	(210) 661-8371
Longhorn Bus Sales	9100 N Loop E Fwy, Houston, TX 77029	(713) 631-9306
Holt Truck Centers - Longview	3016 S Eastman Rd, Longview, TX 75602	(903) 758-3351
Roberts Truck Center - Amarillo	4378 Canyon Dr, Amarillo, TX 79109	(806) 355-9771
Roberts Truck Center - Lubbock	4510 Avenue A, Lubbock, TX 79404	(806) 763-8213
Roberts Truck Center - Midland	10101 I-20 Frontage, Midland, TX 79706	(432) 697-2241
Roberts Truck Center - San Angelo	617 N Bell St, San Angelo, TX 76903	(325) 655-7187
Roberts Truck Center - Tye	550 S Access Rd, Tye, TX 79563	(325) 677-3393
Rotex Truck Center - Laredo	11802 Sara Rd, Laredo, TX 78045	(956) 722-1250
Southwest International Trucks Arlington	2401 E Pioneer Pkwy, Arlington, TX 76010	(817) 664-2900
Southwest International Trucks Fort Worth	617 North Fwy, Fort Worth, TX 76102	(817) 336-4651
Southwest International Trucks McKinney	2105 N Central Expy, McKinney, TX 75070	(972) 629-3600
Southwest International Trucks Waco	3920 N Interstate 35 Frontage Rd South, Waco, TX 76706	(254) 340-6700
Southwest International Trucks, Inc.	3722 Irving Blvd, Dallas, TX 75247	(214) 689-1400



Marble Falls I.S.D.

Date: October 30, 2025

Body Manufacturer: IC Corp

Model: C3411 CE SCHOOL BUS

Chassis Manufacturer: IC Corp

Model: PB110 (2026)

Capacity: 77 Passengers

Number of units: 3

Price/Unit: \$153,802.00

TOTAL: \$461,406.00

Prices are good 30 days from the date of this proposal.

Standard Body Specifications	Chassis Specifications
78" headroom standard 13 rows of 3pt seats with gray upholstery National air suspension driver seat w/ cloth insert, gray Modesty panel under barrier behind driver First aid kit, body fluid clean-up kit, safety triangles, 5lb fire extinguisher & belt cutter 16 ga. steel exterior body side panels Skirt mounted battery box w/slide out tray Full insulation (<i>roof & sides</i>) Full length acoustical ceiling panels Body undercoating, fire resistant 3-piece bonded windshield w/tint & L/R assist handles Windshield wipers, w/automatic headlamp activation Stepwell; preformed NaviFlex coated pebble tread Black rubber flooring w/ aluminum aisle strips School bus yellow paint w/ black rub rails & bumpers White interior paint Rear view mirror inside (<i>6 x 30</i>) w/ visor Rosco mini Hawk-Eye cross over mirrors Rosco rearview mirrors (<i>black, motorized, heated</i>) Warning lights, 8-lamp, LED strobing; black back- ground flasher system, red lights active w/ door open Pre-trip exterior light check LED interior passenger dome lights LED driver dome on separate switch LED step well light State spec LED exterior light package Tail pipe, exits left side through bumper Dash air conditioner w/ integral heater / defroster and automotive style driver controls	Engine: Cummins ISB 6.7 Horsepower: 240 Torque: 560 lb-ft Wheelbase: 276" Transmission: Allison 2500 6sp, 6 th gen. controls Shift control: Stalk shifter, column mounted Alternator: 325 amp Battery system: 3, 12 volt 2850 CCA Brakes: Full air; 5" front, 7" rear Air dryer: Bendix AD-9SI w/heater Front axle: 10,000#, lubricated Rear axle: 21,000#, lubricated Tires: 11R22.5 LRH all-position Wheels: 8.25x22.5 black steel 2-hand hole Fuel tank: 100 gallon between frame rails DEF tank: 16.5 gallon Steering, power: Tilt w/switch controls (<i>4 PGM</i>) Power source: USB A & C in driver storage bin Communication module: OTA programming w/ 5yr data plan and International 360 Fuel/Water separator: Racor 400 series Gauge cluster: Premium 5" LCD color display Air cleaner rest. gauge: Mounted on air cleaner Cruise control Idle mgmt. system Air-ride suspension Warning buzzers Auto. slack adjusters

Longhorn Bus Sales

9100 N. Loop East, Houston, Texas 77029

Phone: (713) 631-9306

Body Options Included	Chassis Options Included
Collision mitigation; Bendix Wingman Advanced Digital clock in driver area Drivers' area defrost fan (<i>left</i>) Drivers' overhead storage compartment AM/FM/USB Input/Aus. Input/PA system 8 Speakers, mounted in light bar Waste container; removable in driver area Handrails; dual height SS each side of entry Entry door - Air (<i>outward opening; full length single panel laminated door panel glass and keyed lock</i>) Lock; rear door w/ignition starter interlock White roof Reflective material per state specs Air stop arms; front and rear Specialty roof hatches (2) Four emergency E/E windows, vertical hinge Windows, passenger; laminated tint split sash LED strobe light Monitor, post trip inspection "Child Reminder" Sub floor 5/8" 5-ply plywood sub floor 84,500 BTU rear heater	Bendix 4-channel ABS brakes with electronic stability and automatic traction control Bendix Intellipark electronic parking brake w/interlock Engine exhaust brake Headlamps, halogen w/daytime running lights & automatic twilight controlled. Multi-function rotary switch left of driver black grille with chrome surround Throttle (<i>electronic hand control</i>) Warranty towing: 24 months/Unlimited miles to nearest IC bus dealer
	Additional Aftermarkets and Services
	PDI DOT Inspection Lettering (MARBLE FALLS I.S.D.) Govern speed set at 65mph Weight Slip Air conditioning 136K BTU (<i>2 bulkheads, 1 mid-shift and drivers dash</i>) First Light stop arms – Air First Light, "SCHOOL BUS" signs

Both body and chassis specifications meet or exceed Texas School Bus Specification # 070-SB-16 for 2018.

Authorized Signature _____

All stock buses are subject to prior sale.

Buy Board fee not included. If purchasing through Buy Board, an additional \$800.00 must be applied to purchase order (fee is per purchase order not per bus). Longhorn Buy Board number 722-23.

Estimated delivery is 60 -180 days from receipt of PO (dependent on whether bus is built or scheduled to build). Longhorn Bus Sales will not be held responsible for material shortages or delays due to the global COVID-19 pandemic or any other reasons outside our control of the represented OEMs (IC Corp) or third-party vendors used to complete a customers' bus equipment. A bus may be delivered without third-party products (i.e., A/C, GPS, two-way radios, camera surveillance, etc.) and will be installed when available. These shortages will not hold up invoicing of payments for delivered goods.

Longhorn Bus Sales
9100 N. Loop East, Houston, Texas 77029
Phone: (713) 631-9306

Request for Taxpayer Identification Number and Certification

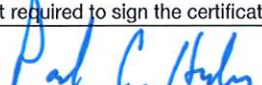
Go to www.irs.gov/FormW9 for instructions and the latest information.

Give form to the
requester. Do not
send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) Holt Truck Centers of Texas LLC	
	2 Business name/disregarded entity name, if different from above. Longhorn Bus Sales	
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input checked="" type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) P Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions)	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ <i>(Applies to accounts maintained outside the United States.)</i>	
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>	
	5 Address (number, street, and apt. or suite no.). See instructions. 5665 SE Loop 410	
	6 City, state, and ZIP code San Antonio, TX 78222	
7 List account number(s) here (optional)		
Requester's name and address (optional)		

Part I Taxpayer Identification Number (TIN)
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> , later.
Social security number [] [] [] - [] [] - [] [] [] [] or Employer identification number [8] [7] - [3] [8] [9] [5] [7] [8] [1]
Note: If the account is in more than one name, see the instructions for line 1. See also <i>What Name and Number To Give the Requester</i> for guidelines on whose number to enter.

Part II Certification		
Under penalties of perjury, I certify that:		
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and		
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and		
3. I am a U.S. citizen or other U.S. person (defined below); and		
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.		
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.		
Sign Here Signature of U.S. person Date		
 10/11/2024		

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they



IC BUS®
CE SERIES



THE NEXT GENERATION
IC BUS® CE SERIES SCHOOL BUS

THE NEXT GENERATION IC BUS® CE SERIES

AHEAD OF ITS CLASS

When it comes to transporting our most precious cargo, only the best will do. That means a bus that has some of the latest safety technology, is built with high-quality materials, offers forward-thinking propulsion options and provides drivers with everything they need to be successful.

It means a company willing to go above and beyond all expectations with engineers who are never satisfied with the status quo. Introducing the Next Generation CE Series. And welcome to a new era in school transportation.



SAFETY. FIRST AND FOREMOST.



A NO-COMPROMISE APPROACH TO SAFETY

Of all the requirements IC Bus engineers are tasked with when designing a new bus, one rises above the rest: it must be a safe means of transportation for the children who ride inside. It's an enormous responsibility and something that we never take for granted.

That's why the next generation CE Series includes the very latest in safety technology. These safety features are essential when it comes to providing the driver with extraordinary situational awareness; enabling them to keep the students riding behind them out of harms way.

STANDARD KEY SAFETY FEATURES:

- Bendix® Intellipark® electronic parking brake standard (on air brake units)
- Bendix® Wingman® Advanced™ Safety Package (air brake units) – including Active braking capabilities for collision avoidance, following distance alerts, adaptive cruise and more
- No Student Left Behind child monitoring system
- Single panel glass on entrance door for improved driver visibility
- Entrance doors integrated into dash cluster, providing 'Door Ajar' warning if bus reaches certain speed prior to door being fully closed
- Daytime running headlights with automatic twilight sensor
- Electronic stability control



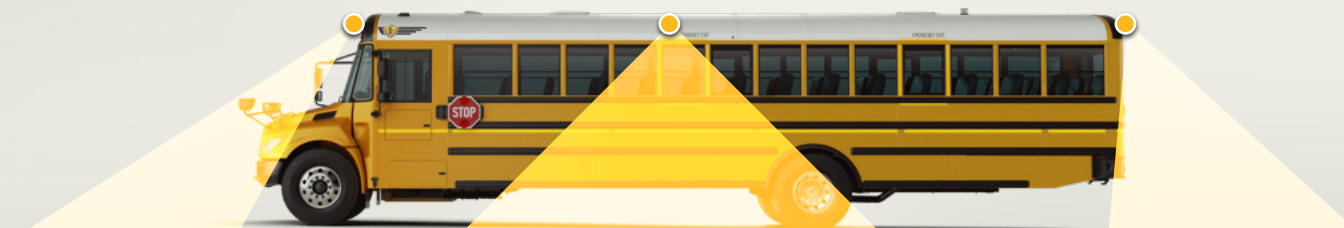
A CLEAR VISION

Visibility is crucially important to any school bus driver. Children of all heights walk next to, in front of, behind and toward the bus – and being able to see them is the only way to ensure they are kept safe. The Next Generation CE Series includes several enhancements that help boost the situational awareness of the driver.



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 for total situational awareness so they can concentrate on driving and keeping kids safe.



FULL VIEW CAMERA FEATURES

1. Entrance door features single-panel bonded glass and is aligned with the driver seat for enhanced side visibility.
 2. Rounded, three-piece windshield with no center post includes a shaded band standard to help reduce sun glare.
 3. Completely integrated driver HVAC system with improved defrost performance by 50% over prior model allows for quicker and more complete clearing of the windshield.
 4. Sloped hood design is angled and provides more than 11 inches of improved ground visibility in front of the bus over prior model.
 5. Standard daytime running lights with automatic twilight sensors help increase the visibility of the bus to other drivers and pedestrians.
 6. Available LED-enhanced, down lit cross-view mirrors illuminate the road when the park lights are on and the stop arm is extended to illuminate pedestrians and objects in the front danger zone.
 7. Available LED headlights and marker lights offer a higher lumen output and are longer lasting compared to halogen bulbs.
- Provides driver 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
 - Gives the driver a greater feeling of security and peace of mind with the combination of the full view camera technology and driver mirrors
 - This purpose-built camera technology is designed to not overload the driver with too much information, but instead provide them with the right information at the right time
 - Provides accurate visibility to the areas that matter most around the bus



INTUITIVE PROTECTION

The Bendix® Wingman® Advanced™ Safety Package uses radar and an optional video camera (Fusion package) to scan the forward path of the bus. If a slower moving or stopped vehicle is detected, the system is designed to reduce the severity and likelihood of a rear-end impact through automatic braking and audible alerts.

This integration of various technologies creates a highly detailed data picture that can significantly reduce the chance of a false alert or activation.

The Next Generation CE Series was designed from the beginning to utilize active safety. In fact, the alerts are now integrated into the gauge cluster as opposed to being mounted atop the instrument panel in previous models.

FOLLOWING DISTANCE ALERTS

The radar can also be used to maintain a safe following distance when the adaptive cruise control is engaged. Radar has many advantages, including the ability to read objects through all weather conditions, such as rain, snow, smoke and fog.



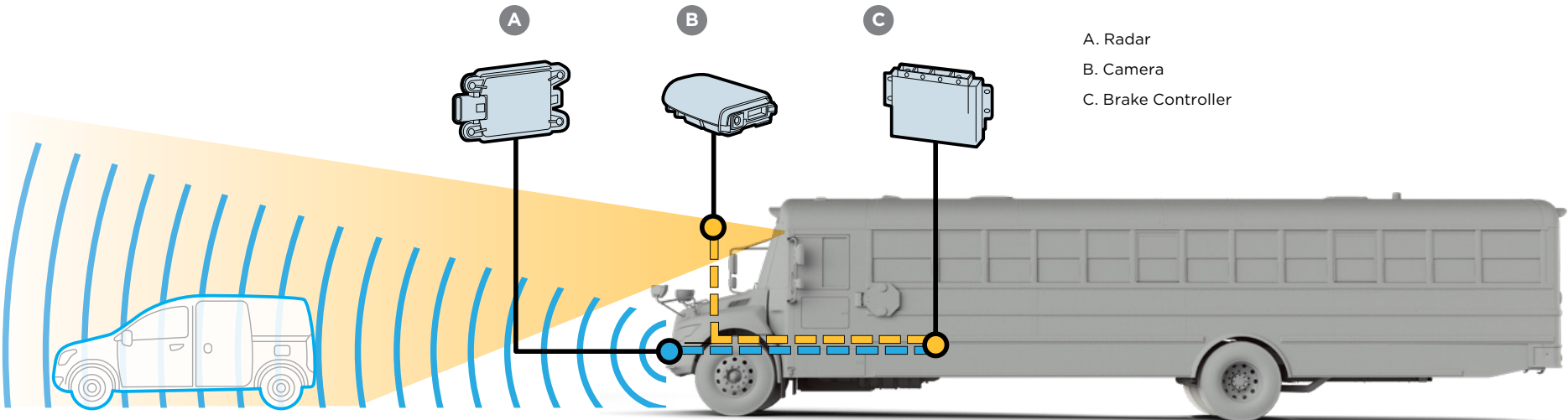
LANE DEPARTURE WARNING (available with camera)

The camera can detect if the bus unintentionally departs the lane without the turn signal activated, and will sound an alarm and provide a visual alert. This is particularly valuable during driver distraction or drowsiness situations.



SUPPORTING SAFE DRIVING

SITUATION	POSSIBLE CAUSE	ACTIVE SAFETY
Rear End Collisions	Distracted driver	Can reduce the likelihood or severity of rear-end accidents by providing following distance alerts and if needed, will apply the brakes to help the driver avoid the collision or help reduce its severity
Overly Aggressive Drivers	Bus is too close to the forward vehicle	Following distance alert will beep when following too closely
Limited Sight in Poor Weather Conditions	Snow, rain, smog, smoke, fog, sleet	Radar capabilities that can see potential dangers before the human eye can
Excessive Speed	Traveling above posted speed limit on highways	Optional camera can recognize posted speed limits and alert the driver at +5 mph over; at +10 mph over, alert and 1.0 second engine de-throttle will occur



DESIGNED WITH DRIVERS IN MIND



KEEPING THE DRIVER INFORMED, COMFORTABLE AND CONNECTED

Every successful trip begins and ends with the driver. That's why we empower them with tools that elevate their comfort, efficiency, and situational awareness in a meaningful and nonintrusive manner.

It's a philosophy we call DriverFirst™ which is our commitment to do everything we can to provide a working environment that puts drivers in a position to succeed. After all, it's hard enough to find committed drivers, let alone retain them. So, if we're able to help by providing a bus that drivers want to drive, then everyone wins. Your district wins by retaining an experienced driver, the driver wins by building a stable and satisfying career and, most importantly, the kids win by boarding a bus each morning driven by someone who loves their job.

DRIVERFIRST™



- 1. Ergonomic wing instrument panel** is angled toward the driver with switches that are easy to read and reach.
- 2. Premium dash cluster** with a 5-inch digital color display with custom view options including real-time fuel economy, speedometer and tachometer, gear selection indicator, safety indicators and distance to empty.
- 3. USB-A and USB-C charging ports** are conveniently located to left of driver (in storage bin) and on right side of instrument panel.
- 4. Back-lit, color-coded steering wheel switches/controls** with cruise control plus four switches that are programmable with Diamond Logic® Builder software.
- 5. Driver light pre-check switch** conveniently located on the dash to check all exterior light bulbs. All exterior lights will flash while driver performs pre-check.
- 6. Full range of driver seat options** to accommodate drivers of all shapes and sizes.
- 7. Tire pressure monitoring system (TPMS)** (optional) provides real-time tires status including low pressure, extreme low pressure, high pressure, high temperature and more.
- 8. Bendix® Intellipark® electronic parking brake** with dash-mounted switch integrated in cluster (air brake units only) electronically engages parking brake when critical interlocks are met, indicating that the vehicle is not parked and the driver does not have control.
- 9. Stalk shifter** for transmission control mounted on steering column allows the driver to easily reach and operate shifting and engine braking while keeping their eyes on the road.
- 10. Integrated driver HVAC system** with multiple, intuitive control settings within an arm's reach with additional venting for faster and more complete defrosting as well as overall driver comfort.
- 11.** Improved left-hand drivers area including storage bin with more usable space and an easy-to-reach 44 oz cup holder.
- 12.** Trash bin with double capacity (optional) with designated area forward of the stepwell.

A BUS BUILT TO LAST

From sizable potholes to boisterous students, a school bus must face daily punishment. That's why the CE Series is built to the highest standards at our production facility in Tulsa, Oklahoma.

Materials have been carefully chosen for their durability and advanced steel coatings help provide a robust defense against corrosion. In addition, areas under the hood that require routine maintenance are conveniently located to help you stay ahead of potential issues.

DURABLE CONSTRUCTION:

16-gauge steel body and interior panels for longevity and structural integrity

14-gauge steel threaded body bows with continuous runners connecting all roof bows for ruggedness and superior strength

Stamped parts used wherever possible during construction; provides increased strength and tighter tolerances

Meets or exceeds FMVSS/CMVSS

ENHANCED CORROSION RESISTANCE:

New one-piece driver floormat reduces potential corrosion and maintenance costs, plus is easier to keep clean

Naviflex coated stepwell* provides superior corrosion resistance

Interior modesty panels treated with 90G/90G galvanized coating and then painted for enhanced corrosion resistance

TIME-SAVING SERVICEABILITY:

Improved accessibility to routine maintenance items - HVAC filter & air dryer (under the hood), fuel filter now outside frame rail, stepwell heater accessibility from inside stepwell, oil filter now more accessible

Electrical panel/fuse block arrangement:

- Instrument panel fuses located inside the bus with chassis fuse block with spill resistant cover
- Body fuse block outside of bus in electrical panel under driver's window

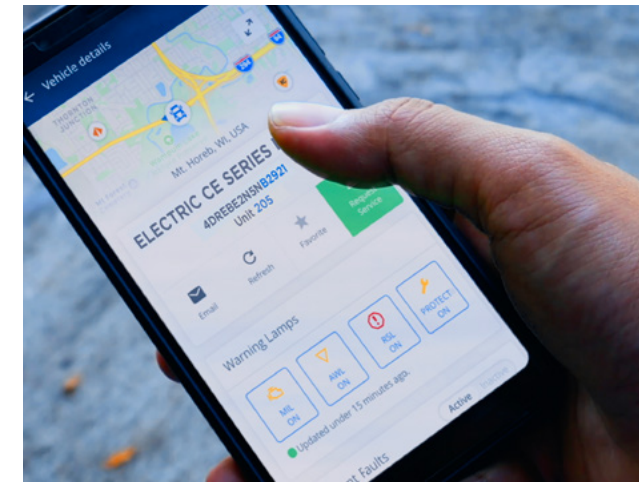
Diamond Logic® electrical system enables programming of body integration and driver efficiency features; common uses include exterior light check for pre-trip inspections, "No Student Left Behind" post-trip inspection monitor, lights on with windshield wipers, and customization of interlocks for dome light

* Also available on bumpers and fuel tanks



CONNECTED TECHNOLOGY TO BOOST ON-TIME PERFORMANCE

Knowledge is power. And when you're armed with the data you need to make informed decisions, the outcomes are always better. IC Bus offers powerful tools that can not only help you stay ahead of issues, but accelerate repair times when a bus is in for service. So whether you operate one bus or an entire fleet, you'll have access to a powerful set of tools and resources for maximizing uptime and operational efficiency.



Now standard on all new vehicles — factory-installed telematics including 5 Year subscription. We deliver proactive tools that help reduce unplanned downtime, increase safety and drive on-time performance

Connectivity includes:

ONCOMMAND® CONNECTION (OCC)

- 24/7 access and visibility to real-time vehicle diagnostics and predictive maintenance tools
- Visibility to current vehicle location and route history
- Monitor driver performance including harsh braking, hard acceleration and idle time reporting

IC BUS® 360 SERVICE COMMUNICATIONS:

- Seamless communication with dealers and up-to-date repair status
- Complete VIN-based information – 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

PROVEN RESULTS:

- 83% of users have experienced a reduction in the number of emails and phone calls regarding service communications.
- 30% improvement in service repair time and unplanned service events when utilizing IC Bus 360 and OCC.



NEXT GEN POWERTRAINS

School bus fleets are rapidly transitioning to electric. In most cases, it makes perfect sense thanks to consistent routes, a central depot to charge and readily accessible funding assistance. But not all routes or districts are suited for electric – and that’s why we offer both options. The tried-and-true Cummins® B6.7L provides the power you need with a low total cost of ownership and impressive uptime. Those who choose the Next Generation Electric CE Series can rest easy knowing that it has been designed from the get-go to run on electric propulsion with its incredible torque and quiet, calm-inducing ride. Whichever direction you go, the future has never looked brighter.





IC Bus helps customers plan, execute and optimize zero-emission vehicles and investments for the entire lifecycle. We design scalable, end-to-end solutions around your specific needs.

Our team of zero-emission subject matter experts is ready to help fleets and school districts everywhere develop a fully integrated and scalable zero-emission strategy. The consulting process includes the evaluation of requirements and efficiencies, route simulations, plus education on all available funding sources, grants, and tax incentives.

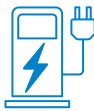
THE EV ROADMAP FOR A SEAMLESS TRANSITION:



Step 1 | CONSULTING

Find the best way forward

Our discovery workshops dive into your fleet's electrification needs and concerns, building a customized EV roadmap for success.



Step 2 | CHARGING

Lay the groundwork

We assess the placement of hardware and infrastructure, finding the best ways to support your vehicle charging and uptime.



Step 3 | DEPLOYMENT

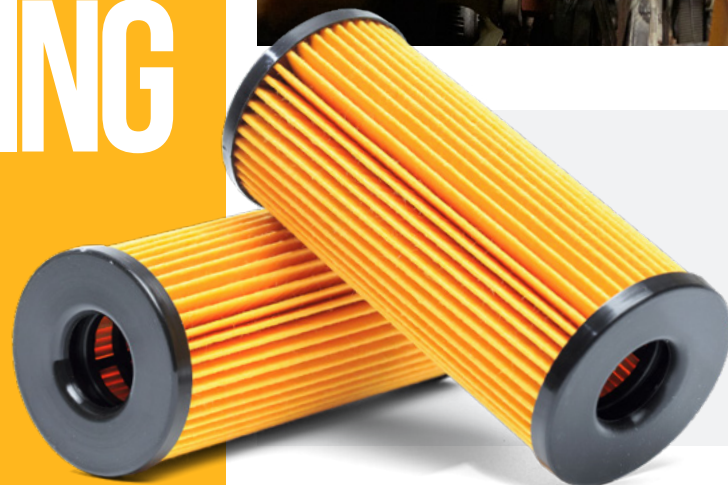
Bring it all together

We ensure your charging locations, staff, and remote diagnostics are prepared for your electric vehicle to hit the road.



WE HAVE YOUR BACK, SO YOU CAN KEEP MOVING FORWARD

We understand that getting kids to and from school on time every time, isn't optional, it's required. That means your fleet must be up and running the entire school year. Dependable equipment spec'd for your needs and requirements is just the beginning. Our preventive maintenance programs combined with our vast network of service locations help make sure downtime is kept to a minimum with no surprises for your students or your budget.



PARTS YOU NEED WHERE AND WHEN YOU NEED THEM

It is our goal to provide you, the customer, with an unparalleled ownership experience. To be your preferred partner, not just for the sale of the vehicle, but throughout its lifecycle. Below is a sampling of our value-add services focused on reducing your operating costs and driving on-time performance.

- State-of-the-art, Award-winning Parts Distribution Centers
- All-makes Fleetrite® and ReNEWed® Reman Parts Offering
- Fleet Charge® account standardization – pricing & billing
- Ability to customize extended service contracts – flexibility you need with peace of mind you deserve.
- Connected services built to make data visible, easy to understand & actionable
- Diagnostics & service tools
- Training opportunities
- Over 700+ dealer locations
- Parts Return Program
- One-stop-shop Warranty Processing
- eCommerce Online Parts Ordering
- Dealer Uptime Advocate and Uptime Command Center





www.icbus.com

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IC Bus

Next Generation CE





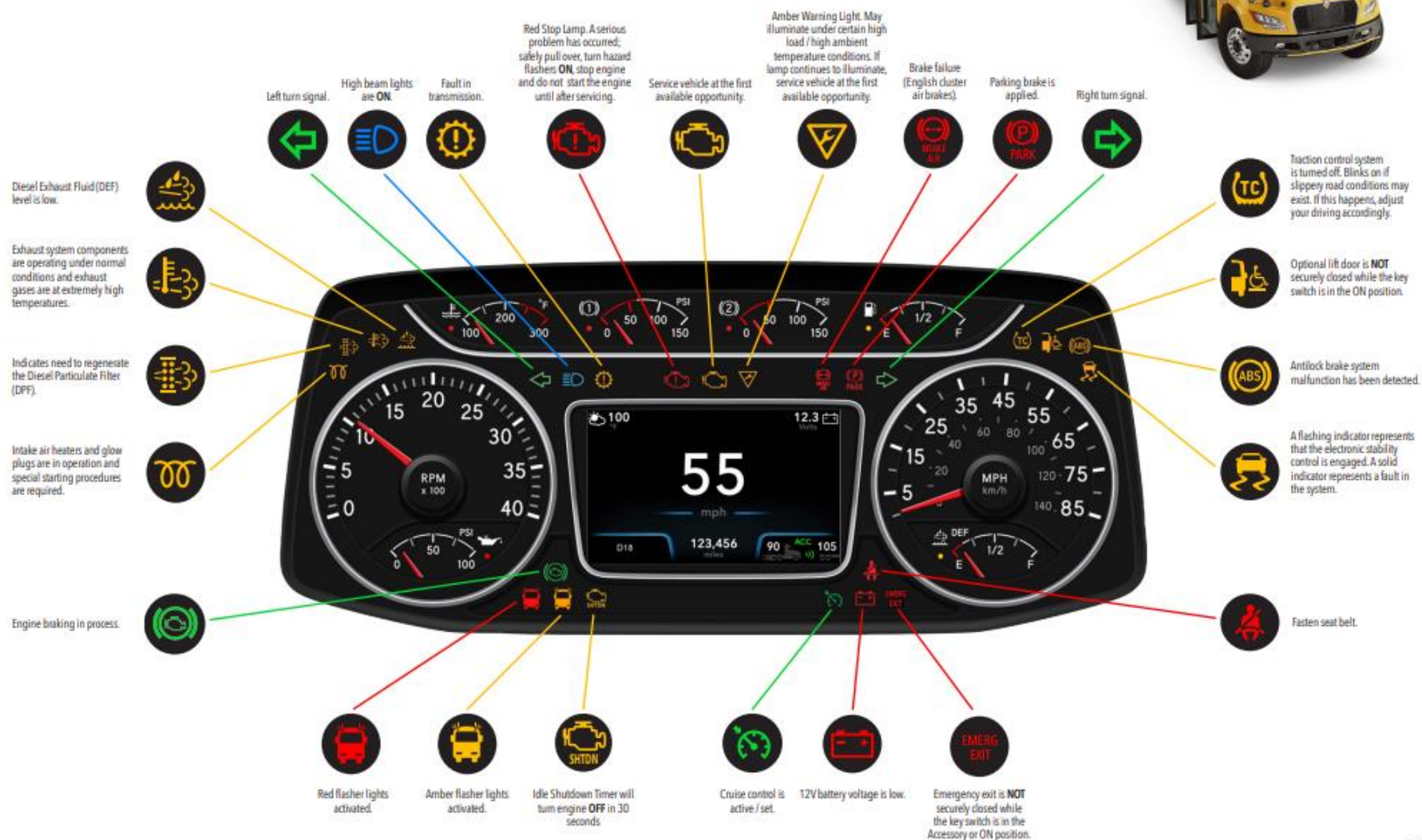
DriverFirst™ Themed Driver Compartment



INSTRUMENT CLUSTER WARNING INDICATOR GUIDE

IC BUS® CE SERIES – DIESEL

This premium instrument cluster comes standard on all new PB110 and PC110 models



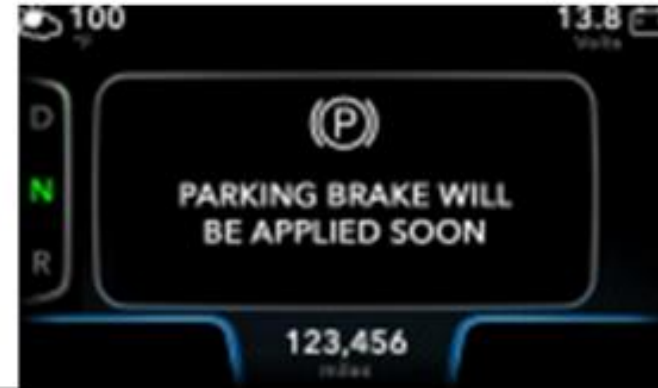
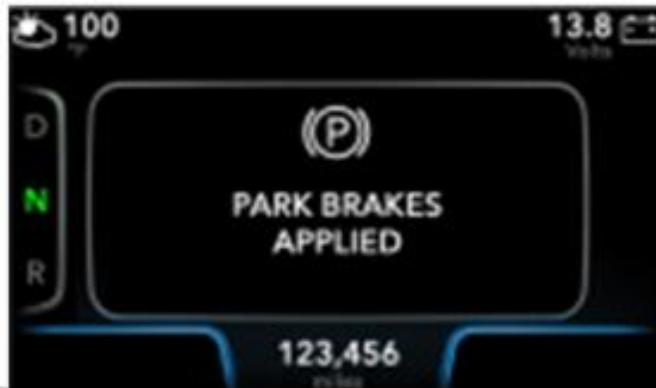
Safety – Enhanced Lighting



Technology – Dash Cluster with Digital Gauges and Info



Technology – Dash Integrated Safety Systems



Air Brake System Test with Bendix Intellipark

Buses equipped with a Bendix Intellipark system require the driver to look for different visual cues when conducting a brake test. All system air pressure readings and requirements remain the same.

Conducting a Brake Test:

1. Ignition key **ON**.
2. Place your foot on the service brake.
3. Release the parking brake.
4. Begin pumping the brake pedal rapidly.
5. At 60 PSI:
 - The dash will begin to sound an alarm.
 - The **BRAKE AIR** indicator will illuminate on the dash.
 - The red lights on the parking brake will flash.

This is required to release the parking brake. It cannot be released without depressing the brake pedal. This may change the road test procedure.



6. Continue pumping the brake pedal.
7. At 30 PSI:
 - The dash alarm will continue to sound.
 - The **BRAKE AIR** indicator will continue to illuminate.
 - The **PARK** indicator will illuminate on the dash.
 - The red lights on the parking brake will illuminate solid.



This is now the equivalent of the parking brake knob popping out at 30 PSI or the spring brake applying itself automatically at 30 PSI.

Pumping the Brakes Down After Your Run:

1. The ignition key must be in the **ON** position to release the parking brake.
 - Do not pump the air system down with the parking brake set.
2. After key on, pump the brakes down until spring brake application as normal.
3. Remove the key from the ignition (if required).
 - The dome lights will time out on their own.

LIMITED WARRANTY FOR School BUS
***Effective with vehicles built March 01, 2017 or later**

Series (Model): CE (PB105 & PB110), RE (PB305)

Basic Vehicle

Navistar®, Inc., at its option, will repair or replace any part of this vehicle that proves defective in material or workmanship, in normal use and service, with new or RENEWED™ parts, based on the Component Coverages below.

Coverage	Months	Miles	Kilometers	Hours
Basic Vehicle Warranty	12	Unlimited	Unlimited	Unlimited
Basic Vehicle Warranty with Non-Navistar Engine	12	Unlimited	Unlimited	Unlimited
Belt Tensioner	12	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Navistar built engine failures only)	24	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Power Solutions International, Inc. 8.8L Propane engine failures only)	60	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Power Solutions International, Inc. 8.8L Gasoline engine failures only)	60	Unlimited	Unlimited	Unlimited
Frame Rails and Crossmembers	60	Unlimited	Unlimited	Unlimited
Body/Cowl Structure (Roof, Metal Floor, Sides and Rear Sections)	60	Unlimited	Unlimited	Unlimited
Body/Cowl Perforation Corrosion	60	Unlimited	Unlimited	Unlimited
Bumper Corrosion and Paint Delamination	36	Unlimited	Unlimited	Unlimited
Body/Cowl/Hood Paint Delamination	60	Unlimited	Unlimited	Unlimited
Brightwork, Chassis Paint and Corrosion	6	Unlimited	Unlimited	Unlimited
IC Bus, LLC Factory Installed Air-Conditioning (IC Air)	30	Unlimited	Unlimited	Unlimited
IC Bus manufactured Seats Only - Foam	48	50,000	80,000	Unlimited
IC Bus manufactured Seats Only - Upholstery	24	24,000	40,000	Unlimited
IC Bus manufactured Seats Only - Frame and Barriers	60	Unlimited	Unlimited	Unlimited
Power Solutions International, Inc. 8.8L Propane Engine	60	Unlimited	Unlimited	Unlimited
Power Solutions International, Inc. 8.8L Gasoline Engine	60	Unlimited	Unlimited	Unlimited
Eaton Prociision Transmission	12	Unlimited	Unlimited	Unlimited
Spicer 3-Part Drivetrain (Front & Rear Axles and Prop Shaft, when Used with Allison Transmission Only)	48	50,000	80,000	Unlimited
Meritor Axles	48	75,000	120,000	Unlimited
First 90 Days from Delivery to User (DTU) + Towing	3	Unlimited	Unlimited	Unlimited
Federal Emissions Coverage (Medium/Heavy, Heavy Duty Diesel Engine Non-Navistar)	60	100,000	160,000	Unlimited
Federal Emissions Coverage (Light Heavy Duty Propane Engine)	60	50,000	80,000	Unlimited
Federal Emissions Coverage (Light Heavy Duty Gasoline Engine)	60	50,000	80,000	Unlimited
IC Bus Aftermarket A/C Coverage	30	Unlimited	Unlimited	Unlimited

Navistar Diesel Engine Coverage Includes:

Engine block, cylinder heads, internally lubricated components, fuel pump, high pressure pump, turbocharger, water pump, air compressor, injectors/nozzles; electronic engine modules, engine relays, engine sensors and regulators required for electronic engine operation, and certain aftertreatment components. Excluding: attaching accessories (e.g., fan clutch, alternator, starter, etc.), and externally mounted electrical and filtration systems.

What is Not Included Under Basic Coverage

Components/Items

- Components warranted by their respective manufacturers (such as non-International® brand engines, tires, Allison transmissions, lubricants, Cummins engines, Agility fuel systems, etc.)
- Bodies, equipment, and accessories installed by other than authorized International Truck employees at International Truck manufacturing plants
- Front and rear axle alignment
- Front and rear axle coverage excludes brakes, wheel ends, axle shafts, controls and attachments

Repairs & Maintenance

- Maintenance-related items/repairs, or those needed as a result of normal wear and tear, including tune-ups, brake/clutch linings, windshield wiper blades, tire balancing, lubrication, and other similar procedures/parts required to keep vehicle in good working condition
- Failures that are the result of poor fuel quality, water in fuel, rust, etc.
- Repairs needed as a result of vehicle misuse, negligent care, improper maintenance, improper operation, or the result of accident or collision
- Fade, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes such as improper polishes, cleaners or washing solutions, or chemical and industrial fallout
- Failure to observe published capacity or load specifications for engine, transmission, propeller shaft, axles (powertrain) and suspension

LIMITED WARRANTY FOR School BUS
***Effective with vehicles built March 01, 2017 or later**

Other

- Vehicles sold and/or operated outside the United States and Canada
- This exception does not apply to vehicles that meet current US EPA emission standards, which were sold by an International dealer located in Mexico, if the vehicle is authorized by the US DOT to operate in long-haul, cross border transportation and the vehicle is only operated in the United States, Canada, and Mexico
- Vehicles/components that have had unauthorized alterations or modifications
- Vehicles on which the odometer reading has been altered
- Loss of time or use of the vehicle, loss of profits, inconvenience, or other consequential or incidental damages or expenses
- Replacement of defective parts with parts other than those provided by Navistar, Inc.

Obtaining Service

Return this vehicle to any International Truck dealer authorized to service this model vehicle and engine.

This warranty is automatically transferred to subsequent owners at no charge. Visit your local Authorized International Truck dealer for name and address change information.

Note: The customer has 365 days and up to a maximum of 100,000 miles (160,000 km) from DTU to purchase an extended warranty on the unit. For extended warranty purchases between 181 and 365 days from DTU and <100,000 miles (160,000 km) an additional fee will be assessed. See your local International dealer for details.

Disclaimer

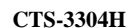
NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER.

No person is authorized to give any other warranties or to assume any liabilities on the Company's behalf unless made or assumed in writing by the Company, and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Telematics Data Disclosure

Your Navistar vehicle may include an activated telematics subscription service. By accepting this Limited Warranty, you consent to our collection and use of data from your vehicle as set forth at www.oncommandconnection.com on behalf of yourself and any vehicle operators and passengers. Navistar, Inc., or its affiliates will collect and send diagnostic and system data from your vehicle and use it for various purposes as further set forth in our Privacy Policy, posted at www.oncommandconnection.com, such as improving the uptime for your vehicle, improving our vehicles in the future, and reducing warranty events. If you choose not to allow Navistar to access your data, you may suspend your subscription at www.InternationalTrucks.com/Opt-Out.



Record of Ownership

I have read this Warranty Brochure and fully understand the warranty coverage. I acknowledge that I have received a copy of the Owner's Limited Warranty and I accept the terms described herein.

Date _____

City

State/Prov Postal Code

Vehicle Identification Number

Engine Serial Number

Odometer Reading at Delivery

IMPORTANT: The information contained in this Warranty Policy explains the coverage provided on your new International vehicle. This policy should be kept in the vehicle for presentation to the Dealer when you request warranty services.

TOW COVERAGE \$1,100 PER INCIDENT

This service contract for **Towing option(s)** provides coverage for 24 months or unlimited miles/kilometers traveled from new vehicle delivery date, whichever expiration occurs first.

During this period, Navistar, Inc. ("Navistar") will pay for a service call and/or towing to the nearest IC Bus, International® or Cummins dealer WITH A NAVISTAR OR CUMMINS WARRANTABLE AND MISSION-DISABLING UNSAFE OPERATING CONDITION FAILURE. Coverage of Cummins failure begins AFTER the expiration of the Cummins second year of standard tow coverage for school bus if an additional Cummins service contract is active in Navistar Service Portal. Maximum liability for Navistar, per incident, is \$1,100. Exceptions are listed herein under section *What is Not Covered*.

WHAT IS NOT COVERED

Repairs:

- Towing in connection with a failure that is NOT warranted with Cummins or Navistar.
- Any expense over the \$1,100.00 maximum liability, per incident.

Other:

- Buses sold and/or operated outside the United States and Canada.
- Buses /components which have had unauthorized alterations or modifications.
- Buses on which the odometer reading has been altered.
- Loss of time or use of the bus, loss of profits, inconvenience, or other consequential or incidental damages or expenses.
- Incidental or consequential costs or expenses which the owner may incur as a result of a malfunction or failure covered by this warranty, such as vehicle damage, communication expenses, meals, lodging, overtime, loss of use of engine or vehicle ("downtime"), loss of time, inconvenience, cargo loss or damage, and other similar costs and expenses.

OBTAINING SERVICE

To obtain service under this Service Contract, return this vehicle to any IC Bus or International® truck dealer authorized to service this model bus and engine. To locate an authorized dealer near you, please call the Navistar Customer Service Center at 800-44-TRUCK (800-448-7825).

DISCLAIMER

FOLLOWING THE EXPIRATION OF THE STANDARD NAVISTAR LIMITED WARRANTY AND DURING THE PERIOD OF THIS SERVICE CONTRACT, NO WARRANTIES OR ADDITIONAL COVERAGE ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS EXTENDED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EXCEPT FOR THE APPLICABLE STANDARD NAVISTAR LIMITED WARRANTY FOR YOUR VEHICLE. NAVISTAR SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. NAVISTAR FURTHER EXCLUDES LIABILITY FOR INCIDENTAL, SPECIAL, INDIRECT AND CONSEQUENTIAL DAMAGES, ON THE PART OF NAVISTAR OR SELLER. No person is authorized to give any other warranties or to assume any liabilities on Navistar's behalf unless specifically made or assumed in writing by Navistar; and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless specifically made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Navistar, Inc., except in Canada where it is Navistar Canada, Inc.

**RE/CE BUS EXTENDED VEHICLE COVERAGE
INCLUDING BUS BODY**

This **Extended Vehicle Coverage Including Bus Body option(s)** provides coverage for 24 months or 50,000 miles/ 80,000 kilometers traveled from new vehicle delivery date, whichever expiration occurs first.

During the period selected, Navistar, Inc. will repair or replace any of the covered components as defined below which proven defective in material and/or workmanship in normal use, with new or ReNEWed parts. Exceptions are listed herein under What is Not Covered.

GROUP 01 - FRAME AND BUMPER

067 - Carrier, Tire
071 - Bumper
211 - Bracket or Mounting
306 - Outrigger, Bus Platform Mounting
307 - Crossmember
309 - Crossmember, Engine
581 - Bumper Frame
660 - Rail, Frame Side
739 - Reinforcement or Gussets

GROUP 02 - FRONT AXLE

016 - Arm, Steering
032 - I-Beam, Front Axle
353 - Fitting/Zerk
535 - Knuckle, Steering
667 - King Pin & Bushing
799 - Seal, King Pin

GROUP 03 - SUSPENSION

62 - Equalizer / Rocker Arm and Bushing
066 - Torque Arm & Bushing Assembly
074 - Walking Beam & Bushing Assembly
203 - Air Bag Assembly
264 - Control (Air Suspension Only)
341 - Bracket, Shock Absorber Mounting
406 - Bolt, Center
437 - Suspension Air Control Manifold Assembly
438 - Suspension, ECM
468 - Spring Leaf Assembly
584 - Bracket Assembly, Spring
646 - Shackles, Pins & Bushing
711 - Crossmember, Rear Suspension
769 - Sway Bar Assembly
804 - Stop, Axle

GROUP 04 - BRAKES

003 - Tank, Air, Vacuum
005 - Knob
007 - Pumps
09 - Accumulators
10 - Hydraulic Power Brake (HPB) Unit
012 - Solenoid Valve
013 - Adjuster, Slack
020 - Cylinder, Self Actuate Hydraulic Release

036 - Adjuster Assembly, Automatic
105 - Bracket, Brake Chamber
231 - Chamber
232 - Diaphragm, Chamber
255 - Cylinder, Master
390 - Reservoir
392 - Switch, Fluid Level
397 - Governor and Mounting, Air
428 - Lever/Pedal, Parking Brake
429 - Cable/Linkage, Parking Brake
461 - Linkage / Cam / Camshaft, Wheel Brake Actuating
462 - Linkage/Pedal/Spring Brake Actuating
511 - Power Assist Unit
617 - Backing Plate/Anchor/Dust Shield
634 - Pump, Back-Up (Less Motor)
636 - Motor, Back-Up
643 - End Cover, Unloader Valve Air Dryer
662 - Spring, Brake Shoe Return
747 - Spring Applied Air Release (Saar) Canister
751 - Sensor, Steering Angle
753 - Sender, Stability Control
801 - Control Unit, Electronic ECU
811 - Relay/Magnetic Switch
812 - Valve, Modulator
816 - Sender, Wheel
826 - Caliper
840 - Caliper Bracket
842 - Switch, Flow
846 - Switch, Back-Up Motor
847 - Switch, Pressure Differential
848 - Module, Monitor
851 - Valve, Spring Brake Control
852 - Brake Assembly, Drive Line
909 - Harness, Cab
913 - Valve, Foot Control or Pedal
920 - Valve, Hand Control
923 - Harness, Front End (Wires/Connectors/Term)
932 - Valve, Front Wheel Limiting & Mounting
940 - Harness, PDM Distribution
944 - Valve, Quick Release
955 - Pully
990 - Wiring

GROUP 05 - STEERING

018 - Arm, Pitman
069 - Link, Drag
164 - Column Assy. & Mounting, Steering
167 - Wheel Mechanism, Tilt Steering
206 - Couplings/U-Joint, Steering Shaft
252 - Wheel, Steering
311 - Gear Assembly, Steering
314 - Gasket, Power Steering Pump Mounting
316 - Wheel Mechanism, Telescoping Steering
370 - Bracket/Mounting, Steering Gear
555 - Cylinder Assembly & Valves
653 - Cooler Assembly, Oil 701 - Pump Assembly
757 - Reservoir Assembly 818 - Valve, Control
955 - Pulley

GROUP 06 - PROP SHAFT

101 - Bearing
165 - Mounting, Bearing
391 - Joint, Universal
475 - Boot / Clamp, Slip Joint
478 - Shaft
703 - Yoke/Spline

GROUP 07 - EXHAUST

107 - Assembly, Basic
143 - Bracket/Support, Mounting
426 - Guard / Heat Shield
533 - Tail Pipe, Exhaust Gas Cooler
551 - Pipe, Crossover
576 - Pipe & Flange, Exhaust
615 - Pipe/Stack, Tail
775 - Cap, Stack
824 - Pipe, Flex

GROUP 08 - ELECTRICAL

005 - Knob
018 - Alternator Assembly 038 - Multiplex Signal Module (MSM)
041 - Telematics Control Module (TCM)
049 - Switch, SOS
059 - Regulator, Voltage
63 - Solenoid Base, Pneumatic Accessory
065 - Solenoid Unit, Pneumatic Accessory
073 - Amplifier, Pyrometer
074 - Gauge, Voltmeter
076 - Gauge, Fuel Level
088 - Gauge, Oil Pressure (Electrical)
097 - Gauge, Coolant Temperature (Electrical)
099 - Gauge, Ammeter
109 - Gauge, Engine Oil Temperature
110 - Gauge, Pyrometer
111 - Gauge, Rear Axle Oil Temperature
116 - Gauge, Speedometer (Electrical)
117 - Gauge, Tachometer (Electrical)
118 - Gauge, Transmission Oil Temperature

124 - Sender, Fuel Level
127 - Tachometer/Trip Recorder (Elec Driven)
155 - Sender, Pyrometer
156 - Sender, Rear Axle Oil Temperature
159 - Sender, Transmission Oil Temperature
202 - Motor, Starter
217 - Solenoid, Starter Motor
221 - Bezel/Cover Plate
223 - Circuit Board
224 - Switch, Speedometer / Tachometer Dip (Reprogramming Only)
225 - Panel, Circuit Breaker/Relay/Fuse
226 - Mounting, Circuit Breaker/Relay/Fuse Panel
251 - Harness, Coiled Ribbon (Clock Spring)
266 - Switch, Clutch
269 - Module, Coolant Probe
270 - Probe, Coolant Level
284 - Antenna and Lead-In
347 - Mounting
372 - Module, Pyrometer
373 - Module, Ammeter
374 - Circuit Housing, Speedometer / Tachometer
375 - Sender, Air Pressure
388 - Lamp Assembly
401 - Clean Power Cable (Battery To Cab)
404 - Flasher
405 - Beeper, Hydraulic Brake Warning
407 - Alarm, High Water Temp/Low Oil Press.
408 - Beeper, Low Air Pressure
418 - Regulator & Motor Assembly
424 - Hourmeter
430 - Odometer
487 - Horn Assembly
499 - Contact Ring/Button, Horn
508 - Monitor, Driver Display Unit
510 - Sensor, Radar Side/Front
511 - Camera, Forward Looking
512 - Display, Side Sensor
514 - Sensor, Turn Assembly
516 - Magnet, Turn Sensor Assembly
518 - Harness, Side Sensor
585 - Automatic Headlight Sensor
586 - Antenna, Tire Pressure Monitor
587 - Brake Stroke Chamber W/Sensor
588 - Display, Vehicle Information
589 - Fuel Filter Restriction Globe W/Sensor
595 - Module/Controller, Tire Pressure Monitor
596 - Module, Vehicle Sensor
598 - Batteries, Jumper Cable
599 - Sensor, Brake Pad Wear
601 - Wheel Module, Tire Pressure Monitor
607 - Switch, Air Horn
608 - Clock
609 - Switch, Cruise On/Off
618 - Switch, Cruise Set/Reset

620 - Switch, Engine Brake On/Off
621 - Switch, Headlight Interrupt
623 - Switch, Marker Interrupt
624 - Switch, Radio
628 - Switch, Transmission Mode
629 - Switch, Transmission Shift
637 - Alarm, Back-Up
705 - Solenoid, Air 718 - Solenoid
743 - Clean Power Cable (Batt to Engine Connect
745 - Daytime Running Light Switch
758 - Central Processing Unit (CPU)
783 - Compass, Electronic
784 - Thermometer, Electronic
797 - Clean Power Cable (Batt to Transmission)
811 - Relay/Magnetic Switch
815 - Switch, Key/Ignition
821 - Switch, Push Button Starter
828 - Switch, Dimmer
835 - Switch, Back-Up Light
840 - Switch, Neutral Start
848 - Module Monitor
850 - Switch, Low Oil Pressure
854 - Controller, Esc
863 - Switch, Stoplight (Air)
864 - Switch, Stoplight (Hydraulic)
865 - Switch, High Water Temperature
870 - Switch, Low Air Pressure
871 - Switch, Low Coolant Level
872 - Switch, Parking Brake
884 - Switch, Headlight
885 - Switch, Marker/Interrupt
886 - Switch, Turn Signal
887 - Programming
907 - Actuator, Switch Pack
908 - Switch Pack (Base)
909 - Harness, Cab Wires Conn's & Terminals
923 - Harness, Front End (Wires, Connectors And
Terminals)
940 - Harness, PDM Distribution
955 - Pulley
996 - Monitor, Battery Run Down Protection

GROUP 09 - COOLING

12 - Solenoid Valves
022 - Core
026 - Shutter Assembly
047 - Hose/Pipe, Radiator
64 - Tank & Neck, Radiator
083 - Shroud Clamp
85 - Shroud Mounting Bracket
091 - Shroud, Engine Mounted
108 - Cylinder Assembly, Actuating
123 - Mounting, Radiator
136 - Motor
142 - Rod Assembly, Control
176 - Shroud

197 - Shutterstat
210 - Glass, Sight
211 - Tank & Mounting, Surge
222 - Solenoid
240 - Motor / Pump
427 - Bottle and Hose, Coolant Recovery
504 - Fan Module
616 - Cooler, In Tank Oil
701 - Pump Assembly
740 - Blade Assembly, Fan
755 - Electronic Fan Controller
756 - Hydraulic Fluid Reservoir
767 - Oil Cooler (Oil-To-Air)
811 - Relay/Magnetic Switch
852 - Pipe, Charge Air Cooler
865 - Switch, Temperature
909 - Harness, Cab (Wires/Connectors/Term)
925 - Charge Air Cooler, Chassis Mounted
940 - Harness, PDM Distribution

GROUP 10 - INSTRUMENTS

053 - Head Assembly

GROUP 11 - CLUTCH

059 - Bearing and Sleeve Assembly, Release
101 - Cylinder, Master
133 - Cylinder, Slave
292 - Fork and Cross Shaft, Clutch Release
349 - Lever Assembly, Relay
403 - External Linkage
440 - Self Adjusting Mechanism
462 - Pedal
639 - Intermediate Plat
862 - Plate Assembly, Pressure

GROUP 12 - ENGINE

222 - Solenoid
740 - Blade Assembly, Fan
744 - Fan Drive, Viscous
746 - Fan Drive, On/Off
748 - Control, Fan Clutch
750 - Pulley, Fan
802 - Sart Module
811 - Relay/Magnetic Switch
814 - Pedal Assembly, Accelerator
828 - Front Mount/Bolt
836 - Rear Mount/Bolt
865 - Switch, Temperature
905 - Bracket, Air Compressor Mtg.
909 - Harness, Cab (Wires/Connectors/Term)
911 - Bracket, Alternator Mtg.
914 - Bracket, Refrigerant Compressor Mounting
919 - Bracket, Power Steering Pump Mounting
930 - Coupling, Accessory Drive
938 - Gear, Power Steering Pump Driver
946 - Tensioner, Belt

955 - Pulley/Idler/Bearing

GROUP 13 – TRANSMISSION

005- Knob
107 - Breather
114 – Case, Housing-main
115- Housing, rear
125 - Flange, Companion
138 - Block, Resistor
139 - Housing, Bell
146 - Plug (fill & drain)
153 - Plug, expansion
155- Sensor, oil level/temperature (tol/tot)
173 - Sensor, vehicle speed (vss)
178- Sensor, shaft counter speed
179- Sensor, position
191 - Retainer, Bearing
205 - Bearing
210- Brake, counter shaft
228- Brake, main shaft
230- Shaft, input
231- Brake, input shaft
260 - Ring, lock
274 - Washer, thrust
313 - Detent Poppet Ball & Spring
333- Planetary assembly
334- Value, asm. planetary
352 - Hose/pipe
353 - Fitting
379 - Shift rail & fork
380 - Circuit breaker
400 - Gears, mainshaft
402 - Gears, countershaft
492 - Synchronizer
521 - Countershaft
573 - Mainshaft
616 - Cooler, Oil (Oil-To-Air)
617- Cooler, oil (oil-to-coolant) transmission mounted
676 - Fittings, oil cooler line
677 - Line, Oil Cooler
695 - DIP STICK ASSEMBLY
736 - Cylinder, air shift
769 - LEVER, SHIFT
785 - Linkage/Cable, Remote Shift Control
795- Planetary valve body (air) & connector
796 - Valve, slave (air shift)
798- Pneumatic shift actuator (mac) asm.
801 - Module, electronic control (ecm)
807 - Module, vehicle personality (vpm)
811 - Switch, relay/magnetic
825 - Switch, On/Off
839 - Switch, Brake
866 – Mounting
875 - Gasket
909 - Harness, Cab (Wires, Connectors & Term)

921 - Harness, other (wires, connectors and terminals)

940 - Harness, pdm distribution
960 - Electronic control unit
961 - Mechanical shift controls
962 - Electronic shift controls
964 - Module, control transfer case
971 - Retarder & controls

GROUP 14 - REAR AXLE

13 - Adjuster, Slack
016 - Arm, Steering
068 - Spring, Lift
135 - Flange/Yoke, Comp
147 - Carrier
170 - Housing, Axle
203 - Air Bag Assembly
216 - Stud
231 - Chamber
265 – Control (Air Suspension Control)
323 - Hanger and Crossmember Assembly
357 - Bearings, Internal (Axle Carrier)
376 - Gears, Bushings & Cross, Differential
395 – Differential, Limited Slip
424 - Bolt, Ring Gear
441 – Wheel End Gearboxes
448 - Gears, Helical
472 - Gears, Planetary
496 - Gears, Ring & Pinion
590 – Shaft, Helical Drive Gear
606 - Clutch, Sliding
619 - Control, Air Shift
630 - Cylinder, Air Shift
654 - Fork, Shift
679 - Motor, Air Shift
707 - Bearing/Ret, P.D.
713 - Pump, Oil
719 - Case, P.D. Diff.
730 - Gears/Bushing & Cross Power Divider
747 - Tank, Air or Vacuum
969 - Knuckle, Steerable
970 - King Pin, Knuckle

GROUP 15 - FUEL SYSTEM

11 - Cap/Scoop, Air Inlet
14 - Box/Water Separator, Air Inlet
026 - Pipe, Air Inlet
029 - Control System, Air Inlet Temperature
142 - Pre-Heater Element
143 - Valve, Drain
144 - Valve, Check
145 - Cap, Vent
146 - Pump, Primer
147 - Collar
148 - Body
177 - Filler Neck/Cap & Gasket

196 - Sensor, Water in Fuel
216 - Bracket, Stack Mounting
263 - Air Intake Grill
479 - Finish (Metal)
500 - Bracket & Bolts, Mounting
637 - Tank Body
787 - Tube, Fuel Outlet
857 - Indicator, Air Restriction
890 - Transfer Pump, Electric (Tank to Tank)
892 - Valve/Control, Fuel Tank
909 - Harness, Cab Wires Conn's & Terminals
976 - Vent, Air
988 - Guard, Crash

GROUP 16- CAB

006 - Stop, Hood
018 - Bezel, Head or Tail Lamp
027 - Step, Cab
053 - Cable, Hood
071 - Channel, Glass Run 078 - Remote Control/Cable, Door
86 - Crossmember, Cab Mounting
102 - Cab Tilt Lock Mechanism
103 - Cab Tilt Hinge Mechanism
104 - Cowl/Firewall/SC or FC Platform
121 - Suspension, Sleeper Bunk
122 - Cylinder, Lift
123 - Latch Assembly
129 - Cabinets
130 - Door
131 - Window, Sleeper
135 - Cylinder, Lift
139 - Door Assembly, Radiator Access
146 - Shade, Sun
248 - Grille Assembly
264 - Handle, Grab
265 - Handle, Hood
282 - Hinge
291 - Hinge, Hood/Engine Access Door Hatch
295 - Hood Guides
300 - Bunk Occupant Restraint Strap/Tent
301 - Cowl Tray
309 - Hood
329 - Insulation
330 - Shield, Sound
336 - Insulation, Engine Compartment
345 - Latch & Exterior Handle
362 - Latch, Hood
368 - Latch, Doghouse Panel/Engine
398 - Map Pocket, Passenger Door
409 - Air Intake Baffle/Water Sep. Baffle
421 - Mirror, Spot
423 - Mirror, Exterior (Basic)
433 - Mirror, Interior
459 - Mounting, Front Cab
463 - Mounting, Intermediate Body

468 - Mounting
546 - Panel, Back
555 - Doghouse Panel/Engine Cover
567 - Panel, Floor
568 - Panel, Halo
569 - Panel, Engine Surround
584 - Panel, Instrument
611 - Panel, Splash
619 - Panel / Skin
625 - Rivet/Fastener
627 - Weld
637 - Structure
666 - Regulator & Handle, Window
675 - Arm Rest
684 - Roof
721 - Spring/Shock Absorber & Mounting, Cab
739 - Stop Assembly, Door
748 - Sub-Frame
799 - Console
802 - Manifest Box/Door Pouch
804 - Trim, Interior
805 - Trim, Bunk
806 - Mirror, Interior
807 - Under Bunk Lift Assist Shock
811 - Relay/Magnetic Switch (Electric Mirror)
825 - Switch, Electric Mirror
833 - Valve, Control
844 - Ventilator
855 - Visor, Sun
877 - Vent Window & Seal
896 - Trim, Hood
909 - Harness, Cab (Wires/Connectors/Term)
926 - Shor Power Connection
928 - Door, Hood / Engine Access
929 - Hinge / Bracket, Front Hood Mounting
934 - Reinforcement, Hood
935 - Torsion Bar, Hood Assist
936 - Latch, Engine Access Door
958 - Bracket, Sun Shade Mounting
972 - Panel, Rear Trim
973 - Panel, Door Trim - Driver Side
974 - Panel, Door Trim - Passenger Side
975 - Holder, Cup
991 - Motor, Mirror
992 - Heater, Mirror
994 - Bracket, Mirror

GROUP 17 - WHEELS

031 - Disc Wheel
87 - Hub (Disc Wheel)
108 - Rim (Demountable)
386 - Spoke Wheel

GROUP 18 – SCR AFTERTREATMENT

45 - Hose, Pump to Tank Supply / Suction
46 - Hose, Pump to Tank Return

47 - Hose, Pump to Doser / Injector
124 - Sensor Assembly, Def Tank
177 - Cap, Filler Tank
180 - Cover, Supply Module
181 - Heater, Tank
350 - Hose, Tee to Doser
351 - Hose, Doser To Tee
500 - Bracket/Strap, Def Tank
501 - Bracket, Supply Module Pump
502 - Bracket, ACM
565 - Wiring, (Sensor)
637 - Tank, Diesel Exhaust Fluid
787 - Pickup, Tank
793 - Tank Def, Coolant Flow Valve
801 - Module, PDM
906 - Wiring, ACM
907 - Wiring, Supply Module
908 - Wiring, Heated Line
909 - Wiring, Head Unit

GROUP 19 - ACCESSORIES

001 - Fan, Defroster
15 - Clutch, Compressor
028 - Compressor/Reciprocating
029 - Compressor/Rotary
043 - Condenser
045 - Linkage, Wiper
070 - Switch, Radiator Fan/Shutter Override
076 - Core (Heater)
094 - Evaporator
100 - Meter Assembly, Engine
105 - Wheel, Blower
138 - Block, Resistor
149 - Accumulator/Dryer
182 - Valve, Expansion
183 - Valve, Rear Expansion
187 - Ducting, Air Cond/Heater/Defroster
197 - Horn Assembly
214 - Valve, Control
251 - Harness, Coiled Ribbon (Clock Spring)
310 - A/C O Ring
317 - Schrader Valve, Low Side
318 - Schrader Valve, High Side
325 - Solenoid, Pneumatic
327 - Switch, Air Horns
331 - Electric Air Compressor, Seat
343 - Shock, Seat
344 - Adjuster Assembly, Seat
351 - Frame, Seat
353 - Fitting
354 - Control, Air Seat
355 - Mounting/Housing (Main Case)
363 - Bag, Air
381 - Retractor, Seat Belt
386 - Belt, Seat

411 - Plate, Fifth Wheel
417 - Control, Fifth Wheel
435 - Heater Assembly, Engine
436 - Socket, Engine Heater
443 - Back-Up Camera
472 - Reservoir
506 - Lock Cylinder, Fifth Wheel
632 - HVAC Hose, Under Cab to Rear
675 - Rest, Arm
708 - Module, Blower Speed LPM
709 - Module, HVAC Control
733 - Actuator, Motor/Door - Blend Air
734 - Actuator, Motor / Door - Fresh Air
735 - Actuator, Motor/Door - Air Distribution
763 - Sensor, Refrigerant Pressure
764 - Thermistor, Inlet
765 - Thermistor, Outlet
807 - Module, Vehicle Personality (VPM)
825 - Switch
826 - Switch, Bunk-On/Off
827 - Switch Bunk-Temperature Control
830 - Switch, Intermittent
837 - Switch, Clutch
838 - Switch, Set-Resume
849 - Module, Diagnostic - APADS
880 - Switch, Pressure-Low
881 - Switch, Pressure-High
882 - Switch, Thermostatic
885 - Freeze Sensor
909 - Harness, Cab (Wires, Connectors and Terminals)
923 - Harness, Front End (Wires/Connectors/Term)

GROUP 22 - GENESIS BODY - COMP

001 - Fan, Defroster
040 - Bows
042 - Cowl, Front
044 - Frame, Rear
046 - Rails, Drip
048 - Rails, Seat
050 - Spacers, Bow
052 - Steps
055 - Bumper, Front
056 - Bumper, Rear
060 - Header, Entrance Door
061 - Frame, Entrance Door
062 - Drivers Seat Sub-Frame (K Frame)
63 - Frame, Side Emergency Door
64 - Frame, Rear Emergency Door
65 - Frame, Lift Door
66 - Frame, Body to Cab Floor
067 - Frame, Body to Cab Roof
068 - Frame, Davenport
080 - Bars, Light
082 - Bumpers, Header
084 - Caps, Inside

086 - Insulation	330 - Tiedown Bolts, Plates, J- Bolts, U-Bolts
088 - Lining, Lower	332 - Wheel pocket Assy.
090 - Lining, Overhead	339 - Transition Panel / Cowl Filler Panel
092 - Racks, Luggage	340 - Doors, Engine Service
094 - Rails Grab	350 - Cross View Mirror
096 - Rails, Shoulder	360 - Cover, Wheel-Pocket
098 - Rails, Standee	364 - Moulding, Cove
100 - Reduction, Noise	366 - Treads, Step
120 - Bracket, License Plate	369 - Wig-Wag
122 - Caps, Outside	389 - Child Check Mate
124 - Caps, Post	402 - Window, Driver's
126 - Door, Fuel	410 - Window, Emergency Exit
128 - Handles, Access	416 - Window, Split Sash
129 - Front Fiberglass Panel	423 - Thermistor, Inlet
130 - Panels, Rear Inside Window	425 - Switch, Radiator Fan / Shutter Override
131 - Front Sheet Metal	426 - Window, Split Storm
134 - Rails, Rub	427 - Switch, Pressure - Low
136 - Rails, Snow	429 - Clutch, Compressor
138 - Sheets, Side	430 - A/C Compressor, Rotary
140 - Skins, Rear Outside	431 - Ducting, Air Conditioner
141 - Hatch, Roof	432 - Wheel, Blower
142 - Skirts	433 - Hose, A/C
146 - Roof Panels(Topping)	434 - O-Ring, A/C
148 - Door, Engine	435 - Schrader Valve, Low Side
151 - Door, W/S Wiper	436 - Sensor, Refrigerant Pressure
152 - Grille	437 - Switch
200 - Electrical Access Compartment	438 - Accumulator / Dryer
204 - Battery, Compartment	439 - Switch, Pressure - High
208 - Spare Tire Compartment	440 - Heater, Under Seat
212 - Luggage Compartment	441 - Harness, (Wires, Connectors, & Terminals) 442
214 - Safety Compartment	- Heater, Rear
216 - Destination Sign Compartment	444 - Covers/Trim, Hose
218 - Tool Compartment	445 - Control Cable
239 - Controls Air	446 - Driver's Heater
240 - Boxes, Buzzer	447 - Core, Heater
241 - Controls Electric	449 - Motors, Heater
243 - Controls, Manual	450 - Stepwell Heater
244 - Devices, Hold Bac	451 - Pump, Booster Heater
246 - Doors, Entrance	453 - Condenser
248 - Doors, Lift - Single / Double	454 - Fan, Condenser
250 - Doors, Emer. Rear	455 - Evaporator
252 - Doors, Emer. Side	456 - Defroster Duct
254 - Handles, Door	457 - Valve, Expansion
256 - Hinges	459 - Fitting / Pipe (A/C)
258 - Locks, Door	460 - Harness, Front End
262 - Vandalocks	462 - Relay / Magnetic Switch
275 - Light, Step	463 - Schrader Valve, High Side
281 - Electric Panel	464 - Harness, Flasher Plate
283 - Fuse Panel	465 - Harness, LH Switch Panel
284 - Horns	466 - Harness, Rh Switch Panel
294 - Speakers	467 - Harness, Over Head Switch Panel
296 - Switches	468 - Valve, Water (Dash Mounted A/C Heater Unit
297 - Radio	469 - Harness, Front Cap
298 - Antenna	470 - Harness, Rear Cap
322 - Panels, Floor	471 - Harness, Power Distribution (On Flasher Plate)
326 - Sills, Floor	472 - Switch, Thermostatic

474 - Thermistor, Outlet	542 - Marker Light
475 - Tube, Drain	544 - Red Light 546 - Stop Light
476 - Tube, Orifice	548 - Stop/Tail Light 550 - Strobe Light 554 -
478 - Motor	Warning Light
479 - A/C Electric Control Panel	556 - Lift Door Light, Interior 558 - Lift Door Light,
480 - Panels, Modesty 484 - Restraints, Lap 488 -	Exterior 560 - Cowl Mount Mirror
Stanchions	562 - Fender Mount Mirror / Rear View
493 - Harness, Left Hand Body	564 - Heated Mirror
494 - Harness, Right Hand Body	566 - Inside Rear View Mirror 568 - Spy Mirror
495 - Harness, Flasher to Cowl 498 - Harness, Body	640 - Alarms, Backing 662 - Sign, Designation 682 -
Options External (Engine)	Crash Barrier Frame 684 - Belts, Seat
499 - Microphone 501 - Harness, Dash 520 - Back-	692 - Passenger Seat Frame 694 - Shields, Courtesy
Up Light	697 - Flip Seat Frame
524 - Instrument Cluster Light 526 - Directional	720 - Stop Arm
Light	726 - Gates, Crossing 740 - Motor, Stop Arm
528 - Directional, Side Light Assembly	742 - Motor, Stop Arm Module 762 - Static Vent
534 - Fog Light 536 - Headlights	810 - Motor, Drive 812 - Washer
540 - License Plate Light, Assembly	

WHAT IS NOT COVERED**Components / Items:**

- Correction of loose fasteners, squeaks, rattles and unusual noises.
- Adjustments (e.g., headlights, brake/clutch adjustments, steering system adjustments, coolant levels).
- Items warranted by their respective manufacturers (e.g., non-Navistar brand engines, tires & tubes, Allison Transmissions, clutch, batteries, radios, lubricants, etc).
- Any part that is not a Navistar part number.
- Unauthorized parts other than Navistar service parts or ReNEWed® parts.
- Bodies, equipment and accessories installed by other than authorized Navistar employees at Navistar manufacturing plants.
- Front and rear axle alignment.
- Engine, Engine Electronics, Injectors, Turbocharger.
- Hybrid Electric Components (except Hybrid/Electric Drive Cooling).

Repairs:

- Maintenance-related items/ repairs or those as a result of normal wear and tear, including tune-ups, brake/clutch lining, clutch brake, windshield wiper blades, windshield wiper nozzles, gaskets, belts, seals, tire balancing, lubrication, batteries and other similar procedures/parts required to keep vehicle in good working condition. Such maintenance items or repairs include, but are not limited to oil changes, oil filters, air filters, desiccant cartridge, fuel filters, tire rotation, cleaning/polishing, engine tune-up, adding oils, tightening of air intake and coolant clamps, ash tray, cigarette lighter element, fire extinguishers, fluorescent ballast and tubes, fuses, gladhand and gladhand rubbers, trailer hoses, hose tenders, trailer electrical cables, light bulbs, mattress, mud flaps, mud flap mounting bracket.
- Repairs to any part of the vehicle subjected to misuse, negligence, improper maintenance, improper operation, or which is the result of an accident.
- Fades, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes, improper polishes, cleaners or washing solutions, or chemical and industrial fallout.
- No coverage will be granted if Power Train, Propshaft and Suspension sales guidelines (specifications) are not strictly adhered to by all owners and operators of this vehicle.
- Accidents, acts of nature or other events beyond control of Navistar.
- Any single repair requiring less than \$40.00 parts and labor to complete.

Other:

- Vehicles sold and/or operated outside the United States or Canada.
- Vehicles/components which have had unauthorized alterations or modifications.
- Vehicles on which the odometer reading has been altered.

- Incidental or consequential costs or expenses which the owner may incur as a result of a malfunction or failure covered by this warranty, such as vehicle damage, communication expenses, meals, lodging, overtime, loss of use of engine or vehicle ("downtime"), loss of time, inconvenience, cargo loss or damage, and other similar costs and expenses.
- Replacement of defective parts, which were, not authorized Navistar equipment when first installed.
- Towing, unless additionally purchased.

OBTAINING SERVICE

To obtain service under this Service Contract, return this vehicle to any Navistar truck dealer authorized to service this model vehicle and engine. To locate an authorized dealer near you, please call the Navistar Customer Service Center at 800-44-TRUCK (800-448-7825).

DISCLAIMER

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER. No person is authorized to give any other warranties or to assume any liabilities on the company's behalf unless made or assumed in writing by the Company; and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Navistar, Inc., except in Canada where it is Navistar Canada, Inc.

Cummins Warranty

All Engines United States And Canada School Bus

Coverage

Products Warranted

This Warranty applies to new diesel, LPG, compressed or liquid natural gas fueled Engines sold by Cummins Inc. or Cummins Westport and delivered to the first user on or after September 15, 1996, that are used in school bus* applications in the United States** or Canada.

Base Engine Warranty

The Base Engine Warranty covers any failures of the Engine which result, under normal use and service, from a defect in material or factory workmanship (Warrantable Failure). This Coverage begins with the sale of the Engine by Cummins and continues for five years or 100,000 miles (160,934 kilometers), whichever occurs first, from the date of delivery of the Engine to the first user.

Engine aftertreatment components included in the Cummins Critical Parts List (CPL) and marked with a Cummins part number are covered under Base Engine Warranty.

Extended Major Components Warranty

The Extended Major Components Warranty applies to all except ISV, ISB6.7 G, B and ISB Series Engines and covers Warrantable Failures of the Engine cylinder block, camshaft, crankshaft and connecting rods (Covered Parts).

Bushing and bearing failures are not covered.

This Coverage begins with the expiration of the Base Engine Warranty and ends three years or 300,000 miles (482,804 kilometers), whichever occurs first, from the date of delivery of the Engine to the first user.

Emission Warranty

Additional Coverage is outlined under the Emission Warranty.

THESE WARRANTIES ARE MADE TO ALL OWNERS IN THE CHAIN OF DISTRIBUTION AND COVERAGE CONTINUES TO ALL SUBSEQUENT OWNERS UNTIL THE END OF THE PERIODS OF COVERAGE.

Cummins Responsibilities

During The Base Engine Warranty

Cummins will pay for all parts and labor needed to repair the damage to the Engine resulting from a Warrantable Failure.

Cummins will pay for the lubricating oil, antifreeze, filter elements, belts, hoses and other maintenance items that are not reusable due to the Warrantable Failure.

Cummins will pay for reasonable labor costs for Engine removal and reinstallation when necessary to repair a Warrantable Failure.

Cummins will pay reasonable costs for towing a vehicle disabled by a Warrantable Failure to the nearest

authorized repair location when necessary to make the repair for the first 2 years from the date of delivery of the Engine to the first user. In lieu of towing expenses, Cummins will pay reasonable costs for mechanics to travel to and from the location of the vehicle, including meals, mileage and lodging, when the repair is performed at the site of the failure.

During The Extended Major Components Warranty

Cummins will pay for the repair or, at its option, replacement of the defective Covered Part and any Covered Part damaged by a Warrantable Failure of the defective Covered Part.

Owner Responsibilities

During The Base Engine Warranty

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items provided during Warranty repairs unless such items are not reusable due to the Warrantable Failure.

During The Extended Major Components Warranty

Owner is responsible for the cost of all labor needed to repair the Engine, including the labor to remove and reinstall the Engine. When Cummins elects to repair a part instead of replacing it, Owner is not responsible for the labor needed to repair the part.

Owner is responsible for the cost of all parts required for the repair except for the defective Covered Part and any Covered Part damaged by a Warrantable Failure of the defective Covered Part.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items replaced during the repair.

During The Base Engine And Extended Major Components Warranties

Owner is responsible for the operation and maintenance of the Engine as specified in the applicable Cummins Operation and Maintenance Manual. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of the applicable Warranty, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Warrantable Failure and make the Engine available for repair by such facility. Except for Engines disabled by a Warrantable Failure during the first two years from the date of delivery of the Engine to the first user, Owner must also deliver the Engine to the repair facility.

Service locations are listed on the Cummins Worldwide Service Locator at cummins.com.

Owner is responsible for communication expenses, meals, lodging and similar costs incurred as a result of a Warrantable Failure.

Owner is responsible for non-Engine repairs and for "downtime" expenses, passenger delays, fines, all applicable taxes, all business costs and other losses resulting from a Warrantable Failure.

Limitations

Engines with an emissions certification listed below must be operated using only diesel fuel having no more than the corresponding maximum sulfur content. Failure to use the specified fuel as listed in the Cummins Fuel Bulletin #3379001 Table 1 (Cummins Inc. Required Diesel Fuel Specifications) can damage the Engine and aftertreatment system within a short period of time. This damage could cause the Engine to become inoperable and failures attributable to the use of incorrect fuels will be denied Warranty Coverage. Fuel specifications also need to comply with local fuel regulations (EN590 for Europe and ASTM D975 for North America) for Warranty eligibility.

Maximum sulfur levels by emissions certification level as listed on the Engine's dataplate are:

EPA 2007/2010/2013/2017/2021	max. 15 parts per million
EPA Tier 4 Interim / Final / Stage V in North America	max. 15 parts per million
EU Stage IIIB 2011	max. 15 parts per million
EU Stage IV 2011	max. 15 parts per million
EU Stage V	max. 10 parts per million
Euro 4/5	max. 50 parts per million
Euro 6	max. 10 parts per million

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine.

Any unauthorized modifications to the aftertreatment system could negatively affect emissions certification and void the Warranty.

Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel exhaust fluid.

Alternators and starters are covered for the first two years from the date of delivery of the Engine to the first user, or the expiration of the Base Engine Warranty, whichever occurs first.

Excessive oil consumption for ISV and B Series Engines is covered for the duration of the Coverage. Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that consumption exceeds Cummins published standards.

Failures of belts and hoses supplied by Cummins are not covered beyond the first year from the date of delivery of the Engine to the first user or the expiration of the applicable Base Engine Warranty, whichever occurs first.

Parts used to repair a Warrantable Failure may be new Cummins parts, Cummins approved rebuilt parts or repaired parts. Cummins is not responsible for failures resulting from the use of parts not approved by Cummins.

A new Cummins or Cummins approved rebuilt part used to repair a Warrantable Failure assumes the identity of the part it replaced and is entitled to the remaining Coverage hereunder.

Cummins, Inc. reserves the right to interrogate Electronic Control Module (ECM) data for purposes of failure analysis.

CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THESE WARRANTIES AND THE EMISSION WARRANTY SET FORTH HEREINAFTER ARE THE SOLE WARRANTIES MADE BY CUMMINS IN REGARD TO THESE ENGINES. CUMMINS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Emission Warranty

Products Warranted

This Emission Warranty applies to new Engines marketed by Cummins that are used in the United States** or Canada in vehicles designed for transporting persons or property on a street or highway. This Warranty applies to Engines delivered to the ultimate purchaser on or after January 1, 1996.

Coverage

Cummins warrants to the ultimate purchaser and each subsequent purchaser that the Engine is designed, built and equipped so as to conform at the time of sale by Cummins with all U.S. federal emission regulations applicable at the time of manufacture and that it is free from defects in material or factory workmanship which would cause it not to meet these regulations within the longer of the following periods: (A) Five years or 100,000 miles (160,934 kilometers) of operation, whichever occurs first, as measured from the date of delivery of the Engine to the ultimate purchaser, or (B) The Base Engine Warranty.

If the vehicle in which the Engine is installed is registered in the state of California, a separate California Emission Warranty also applies.

Limitations

Engines with an emissions certification listed below must be operated using only diesel fuel having no more than the corresponding maximum sulfur content. Failure to use the specified fuel as listed in the Cummins Fuel Bulletin #3379001 Table 1 (Cummins Inc. Required Diesel Fuel Specifications) can damage the engine and aftertreatment system within a short period of time. This damage could cause the engine to become inoperable and failures attributable to the use of incorrect fuels will be denied Warranty Coverage. Fuel specifications also need to comply with local fuel regulations (EN590 for Europe and ASTM D975 for North America) for Warranty eligibility.

Maximum sulfur levels by emissions certification level as listed on the Engine's dataplate are:

EPA 2007/2010/2013/2017/2021	max. 15 parts per million
EPA Tier 4 Interim / Final / Stage V in North America	max. 15 parts per million
EU Stage IIIB 2011	max. 15 parts per million
EU Stage IV 2011	max. 15 parts per million
EU Stage V	max. 10 parts per million
Euro 4/5	max. 50 parts per million
Euro 6	max. 10 parts per million

Failures, other than those resulting from defects in material or factory workmanship, are not covered by this Warranty.

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine.

Any unauthorized modifications to the aftertreatment system could negatively affect emissions certification and void the Warranty.

Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel exhaust fluid.

Cummins is not responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs or other losses resulting from a Warrantable Failure.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

* A vehicle used to transport students to and from school. Vehicle must be painted yellow, should have warning lights and the words 'SCHOOL BUS' written on the front

and rear roof caps. The requirements pertaining to paint color, warning lights and 'SCHOOL BUS' inscription would not apply if the vehicle is exclusively used to transport students for school related activities and it is owned by a school district.

** United States includes American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico and the U.S. Virgin Islands.



Cummins Inc.
Box 3005
Columbus, IN 47202-3005
U.S.A.

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IC Bus Servicing Dealers

International Dealer	Address	Phone
Border International Trucks El Paso	12283 Rojas Dr, El Paso, TX 79936	(915) 858-4644
Graham International Inc Sherman	5800 Texoma Pkwy, Sherman, TX 75090	(903) 892-2122
Graham International, Inc. Paris	2945 NE Loop 286, Paris, TX 75460	(903) 784-6683
Holt Truck Center - Houston	14201 Hempstead Rd, Houston, TX 77040	(713) 690-1700
Holt Truck Center - Houston	8900 N Loop E Fwy, Houston, TX 77029	(713) 674-3444
Holt Truck Center - Edinburg	1320 S. 25th Avenue, Edinburg, TX, 78542	(956) 289-7600
Holt Truck Center - Victoria	2605 Port Lavaca Dr, Victoria, TX 77901	(361) 575-1481
Holt Truck Centers - Austin North	16336 N. Interstate 35, Austin, TX 78728	(512) 813-6868
Holt Truck Centers - Austin South	5010 Burleson Rd, Austin, TX 78744	(512) 389-1111
M & R Fleet Services	2465 W Cardinal Dr, Beaumont, TX 77705, USA	(409) 617-0975
Holt Truck Centers - Bryan	4050 Hwy 21 East, Bryan, TX 77808	(979) 778-7481
Holt Truck Centers - Temple	6043 N General Bruce Dr., Temple, TX 76501	(254) 778-3648
Holt Trucks Centers - San Antonio	1380 Ackerman Rd, San Antonio, TX 78219	(210) 661-8371
Longhorn Bus Sales	9100 N Loop E Fwy, Houston, TX 77029	(713) 631-9306
Holt Truck Centers - Longview	3016 S Eastman Rd, Longview, TX 75602	(903) 758-3351
Roberts Truck Center - Amarillo	4378 Canyon Dr, Amarillo, TX 79109	(806) 355-9771
Roberts Truck Center - Lubbock	4510 Avenue A, Lubbock, TX 79404	(806) 763-8213
Roberts Truck Center - Midland	10101 I-20 Frontage, Midland, TX 79706	(432) 697-2241
Roberts Truck Center - San Angelo	617 N Bell St, San Angelo, TX 76903	(325) 655-7187
Roberts Truck Center - Tye	550 S Access Rd, Tye, TX 79563	(325) 677-3393
Rotex Truck Center - Laredo	11802 Sara Rd, Laredo, TX 78045	(956) 722-1250
Southwest International Trucks Arlington	2401 E Pioneer Pkwy, Arlington, TX 76010	(817) 664-2900
Southwest International Trucks Fort Worth	617 North Fwy, Fort Worth, TX 76102	(817) 336-4651
Southwest International Trucks McKinney	2105 N Central Expy, McKinney, TX 75070	(972) 629-3600
Southwest International Trucks Waco	3920 N Interstate 35 Frontage Rd South, Waco, TX 76706	(254) 340-6700
Southwest International Trucks, Inc.	3722 Irving Blvd, Dallas, TX 75247	(214) 689-1400



CE SCHOOL BUS

Sales Proposal For:
Marble Falls ISD

Presented By:
LONGHORN BUS SALES

Prepared For:

Marble Falls ISD
GINA SOLORZANO
2001 Broadway St.
Marble Falls, TX 78654-4803
(830)693 - 4357
Reference ID: 1 53P DSL 3PT

Presented By:

LONGHORN BUS SALES
FRED HOKE
5665 SE LOOP 410
SAN ANTONIO TX 782223903
713-631-9306

Model Profile

2027 CE SCHOOL BUS (PB110)

AXLE CONFIG:	4X2
APPLICATION:	School Transportation
MISSION:	Requested GVWR: 29800. Calc. GVWR: 29800 Calc. Start / Grade Ability: 25.69% / 2.00% @ 55 MPH Calc. Geared Speed: 77.9 MPH
DIMENSION:	Wheelbase: 217.00, CA: N/A, Axle to Frame: 126.00
ENGINE, DIESEL:	{Cummins B6.7 220} EPA 2024, 220HP @ 2400 RPM, 600 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 220 Peak HP (Max), School Bus Only
TRANSMISSION, AUTOMATIC:	{Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, Less PTO Provision, Less Retarder, with 33,000-lb GVW and GCW Max, School Bus
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S140} Single Reduction, 19,800-lb Capacity, 190 Wheel Ends Gear Ratio: 5.57
TIRE, FRONT:	(2) 255/70R22.5 Load Range H AH37 (HANKOOK), 562 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 255/70R22.5 Load Range H AH37 (HANKOOK), 562 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, AIR, SINGLE:	{International IROS} 21,000-lb Capacity, 11.13" Ride Height, with Shock Absorbers Mounted Outside the Rails
PAINT:	Cab schematic 100NB Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Vehicle Specifications
2027 CE SCHOOL BUS (PB110)

October 30, 2025

Code	Description
PB11000	Base Chassis, Model CE SCHOOL BUS with 217.00 Wheelbase, N/A CA, and 126.00 Axle to Frame. Bus Body Plan, AAAL000003 Seat Capacity, 40

BODY PLANS

47AEU	BODY, BUS Conventional; 78" Headroom, 26'8" Body Length, +9 Section Front and Rear, 59 Passenger, 217/218 WB
49UBZ	STATE OF OPERATION Texas
51ZZZ	BODY PLAN, NON-SPECIAL NEEDS for Bus Body Configurator, OMIT Body Plan
49000	BODY PLAN, APPROVED VARIATION None

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION 4x2
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ENGINE

12EYE	ENGINE, DIESEL {Cummins B6.7 220} EPA 2024, 220HP @ 2400 RPM, 600 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 220 Peak HP (Max), School Bus Only
12VKM	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2026
12XCS	CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty
12WZE	CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations
12WVG	EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
10UAV	VEHICLE REGISTRATION IDENTITY ID for Non-CARB Omnibus and/or Non-ACT Adopting State or Exempt Vehicle. Not for use on vehicles registering in CA. Contains non-mitigated legacy engine & cannot be registered in CA unless exempt. You may be held liable under state law for failure to properly register vehicle. <u>Notes</u> : CANNOT BE REGISTERED IN CA. For vehicles that will be registered in States other than CA.
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 SqIn Louvered, with 383 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler <u>Includes</u> : RADIATOR HOSES Premium, Rubber
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On <u>Includes</u> : FAN Nylon
12VCE	AIR CLEANER Single Element, Fire Retardant Media
12702	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection, Nitrite Free
12VVN	CRUISE CONTROL Electronic
12VYV	IDLE MANAGEMENT SYSTEM Ramp Engine Speed with Air Condition On, in Neutral and Parking Brake Set, Accommodation Package
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12UGN	THROTTLE, HAND CONTROL Electronic

Vehicle Specifications
2027 CE SCHOOL BUS (PB110)

October 30, 2025

Code	Description
TRANSMISSION	
13BBP	TRANSMISSION, AUTOMATIC {Allison 2500 PTS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, Less PTO Provision, Less Retarder, with 33,000-lb GVW and GCW Max, School Bus
13WVW	NEUTRAL AT STOP OMIT
13WYY	SHIFT CONTROL PARAMETERS {Allison} 1000 or 2000 Series Transmissions, Performance Programming
13WLN	TRANSMISSION OIL Synthetic; 20 thru 28 Pints
13WEX	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, for Allison 1000 & 2000 Series Transmission

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)
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REAR AXLES, SUSPENSIONS

14AJJ	AXLE, REAR, SINGLE {Dana Spicer S140} Single Reduction, 19,800-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.57
14TEH	SUSPENSION, REAR, AIR, SINGLE {International IROS} 21,000-lb Capacity, 11.13" Ride Height, with Shock Absorbers Mounted Outside the Rails
14WAW	FLAT FLOOR EFFECTS for Air Suspension; with Conventional Bus Models

FRONT AXLES

2ASH	AXLE, FRONT NON-DRIVING {Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity
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FRONT SUSPENSIONS

3ADB	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 10,000-lb Capacity, with Shock Absorbers
	<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free

CABS, COWLS, BODIES

16010	COWL Flat Back
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
16GEG	GAUGE CLUSTER Premium Level; English with English Electronic Speedometer
	<u>Includes</u> : GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for : GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure or Auxiliary Air Pressure (if Air Equipped) : WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure, Primary and Secondary (if Air Equipped)
16HLJ	GAUGE, DEF FLUID LEVEL
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

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<u>Code</u>	<u>Description</u>
16563	HEATER SHUT-OFF VALVES (2) Ball Valve Type
16XJP	INSTRUMENT PANEL Wing Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16VVJ	WINDSHIELD Three Piece, Bonded, with Shaded Band

FRAMES

1CAC	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield); 10.125" x 3.062" x 0.312" (257.2mm x 77.8mm x 8.0mm); 489.2" (12425mm) Maximum OAL
1LSG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black, Severe Duty <u>Notes</u> : Bumper Thickness is .25"
1LNT	CROSSING GATE, FRONT Omit Item
1SAL	CROSSMEMBER, REAR, AF (1)
1570	TOW HOOK, FRONT (2) Frame Mounted
1LEG	LICENSE PLATE HOLDER Includes Upper & Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper
1WHT	WHEELBASE RANGE 193" (490cm) Through and Including 217" (550cm)

BRAKES

4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications <u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4GBL	BRAKE, PARKING {Bendix Intellipark} Electronic Park Brake, for Truck or Bus Applications
4XDC	BRAKES, FRONT {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 4", 13,200-lb Capacity
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqiIn
4LAA	SLACK ADJUSTERS, FRONT {Haldex} Automatic
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqiIn Spring Brake
4LGA	SLACK ADJUSTERS, REAR {Haldex} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4EDN	AIR DRYER {Bendix AD-9SI} with Heater, Includes Safety Valve
4VLE	AIR DRYER LOCATION Mounted Inside Engine Compartment, Right Side
4VLY	AIR TANK LOCATION (1) Mounted Inside & Below Left Rail, Back of Cab

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<u>Code</u>	<u>Description</u>
4722	DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank
4WZT	GVWR LIMITATION FOR BUS with Air Brakes, Limited to 33,000-lbs Maximum to meet FMVSS 121 Requirements, for Conventional Bus
4WJP	PARKING BRAKE INTERLOCK with Electronic Park Brake, Parking Brake Cannot be Released Until Ignition Switch is in "On" Position and Service Brake Pedal is Applied, Use with Air Brake Chassis Only

STEERING

5PSA	STEERING GEAR {Sheppard M100} Power
5708	STEERING COLUMN Tilting
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black

DRIVELINES

6DGA	DRIVELINE SYSTEM {Dana Spicer} SPL100, for 4x2/6x2
6901	PROPSHAFT GUARD

EXHAUST SYSTEMS

7BMK	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail, for Single Long Horizontal Tail Pipe
7SCP	ENGINE EXHAUST BRAKE for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger
7WCX	HEAT SHIELD Between Exhaust & Fuel Tank, Mounted to AF Crossmember
7WBL	TAIL PIPE (1) Horizontal, Long, Exits Left Side Through Bumper

ELECTRICAL SYSTEMS

8000	<p>ELECTRICAL SYSTEM 12-Volt, Standard Equipment</p> <p><u>Includes</u></p> <p>: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel</p> <p>: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever</p> <p>: MISCELLANEOUS FEATURES Modular, Loom Protected, Grommets in all Applicable Body Openings, Assembled in Computer Assisted Fixture which Verifies Continuity and Correct Assembly Prior to Installation</p> <p>: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light</p> <p>: STARTER SWITCH Electric, Key Operated</p> <p>: TURN SIGNAL SWITCH Self-Cancelling with Lane Change Feature</p> <p>: TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted</p> <p>: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever</p> <p>: WIRING, CHASSIS Color Coded and Continuously Numbered</p>
8GXN	ALTERNATOR {Leece-Neville BLP4024N} Brushless, 12 Volt, 325 Amp Capacity, Pad Mount, with Remote Sense
8RPP	ANTENNA Shark Fin, Roof Mounted
8TTK	BATTERY BOX Steel, with Sliding Tray, 25.25" Wide, for Standard Batteries, 1-3 Battery Capacity, Mounted Left Side Behind Front Axle Perpendicular to Frame Rail
8RMH	BATTERY DISCONNECT SWITCH {Cole-Hersee 75920-06} 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Battery Box Mounted
8MJU	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 2850CCA Total, Top Threaded Stud

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<u>Code</u>	<u>Description</u>
8XDX	BK WARN IND,PARK BK NOT SET Visual and Audible Alarm, Active Upon Ignition Off and Parking Brake Not Set, Reminder to Set Parking Brake
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8WKJ	CLOCK Digital, White LED Lettering, Black Background, Black Bezel, 12 Hour Clock Format, Western Arial Font Digital Readout, Display Dims by 50% When Headlights Are On, Dash Mounted
8TUT	COLLISION MITIGATION SYSTEM Omit
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
8XPA	HEADLIGHTS LED, with Daytime Running Lights, Automatic Twilight Controlled
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn On if Windshield Wipers are Turned On
8540	HORN, ELECTRIC (2) Trumpet Style
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8RRC	RADIO AM/FM/USB Input/Auxiliary Input, Includes Wiring and Antenna, with Public Address System
8XKL	STARTING MOTOR {Mitsubishi Electric Automotive America 90P47} 12-Volt, with Soft-Start

FRONT END

9WBW	FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes
9HCY	GRILLE Molded in Black, with Chrome Surround
9WAB	HOOD TILT ASSIST {EASY TILT} Mechanical
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges

SPEEDOMETER, TOOLS, MISC

10020	CHASSIS PAINT Full Chassis
10AGB	CONNECTED PLATFORM Includes Connectivity Module and Five Year Data Plan
10WKJ	KEYS - ALL ALIKE, ID I-1003 Compatible with Z-001
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "NB"
10788	PAINT TYPE Urethane, One or Two Colors, Other than Imron or International.
10XAK	PROMOTIONAL PACKAGE 7 Year Unlimited Miles/km Warranty, Limited Time Program for Allison 2500 Series Transmission on School and Commercial Buses (Supplied directly through Allison)
10AHZ	ENTRANCE DR COVERAGE CREDIT Bus Entrance Door Service Contract Coverage Credit

FUEL TANKS

15SLK	FUEL TANK Top Draw, Steel, Rectangular, 65 US Gal (246L), Includes Protective Cage, Mounted Between Frame Rails and Behind Rear Axle
15WEP	DEF TANK 16.5 US Gal (62.5L) Capacity, Frame Mounted Outside Right Rail, Behind 0 Bow
15LMN	FUEL/WATER SEPARATOR {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor

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Code	Description
15LRE	LOCATION FUEL/WATER SEPARATOR Mounted Under Hood, Left Side, Above Front Axle
WHEELS, TIRES - FRONT	
27DUW	WHEELS, FRONT {Accuride 51408} DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7752525809	(2) TIRE, FRONT 255/70R22.5 Load Range H AH37 (HANKOOK), 562 rev/mile, 75 MPH, All-Position
WHEELS, TIRES - REAR	
28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7752525809	(4) TIRE, REAR 255/70R22.5 Load Range H AH37 (HANKOOK), 562 rev/mile, 75 MPH, All-Position
BODY FEATURES	
47BAK	BUMPER, REAR Painted, 12" High, 3/16" Thick
47BAR	SUPPORTS, REAR BUMPER Bolted to Frame
47AYB	BODY, REAR Includes Emergency Door
47ARH	BOWS, ROOF 14 ga., One Piece Construction
	<u>Includes</u> : BOWS, ROOF Positioned Floor Line to Floor Line, Threaded Through Roof Strainers and Drip Rail
47BLU	FASTENERS, EXTERIOR MOUNTED Stainless Steel Screws; for All Exterior Body Lights, Body Exterior Rear View Mirrors, Bumper Mounted Crossing Gate and Body Mounted Stop Arms
47APX	FASTENERS, HEADLINER Screws
47AZK	FLOOR, BODY Flat
47PBZ	HANDLE, ASSIST Windshield Side Mounted, Left and Right, Body Color
47APR	HEADLINER, BODY Conventional; 25'11"-35'08" Body Length, Perforated Full Length with Sound Insulation Full Length
47ARP	LIGHT BARS Plastic
47BBH	LINING, SIDE INTERIOR, LOWER Embossed Steel, Clear Coated
47AXR	RUB RAILS, BODY (4) Conventional; Steel, 25'2", 25'11", 26'8", 27'5" Body Length, Includes Snow Rail
	<u>Includes</u> : RUB RAILS Full Length, Primer Coated (Both Sides), Attached to Body without Cuts or Splices
47BBZ	SEALER Extra; Sidewall to Floor, In Wheel Pocket Area, and Rear Wall to Floor
47AZC	SIDE SHEET, BODY, EXTERIOR Conventional, 16ga., Smooth, 25'2", 25'11", 26'8", 27'5", Body Length
47ASG	SKIRT, BODY for Conventional, 14 1/2", 16ga
	<u>Includes</u> : SKIRT, BODY Extra Smooth Steel Supported by Floor Gussets
47BLE	STEP, FRONT ENTRANCE DOOR 25 3/4" Depth; 14ga Steel, Formed Treads, Naviflex Finish
47AUR	TIE DOWNS, BODY Grade 8 Bolts, Every Body Section
	<u>Includes</u> : TIE DOWNS, BODY with Formed Tab that Fits into Floor Structure to Prevent Turning

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<u>Code</u>	<u>Description</u>
47DAJ	COVER, REAR DOOR INSIDE HANDLE Partial Coverage
47PCW	DOOR, ENTRANCE, FRONT Electric, Outward Opening, with Single Pane Glass
47DAK	FASTENERS, REAR DOOR Bolts and Nutserts, Rear Door To Body
47DDE	HANDLE, ASSIST, ENTRANCE DOOR Outside Entrance
47DEY	HANDLE, EXTERIOR, REAR Emergency Door; Yellow
47DDH	HOLD BACK, REAR DOOR Stationary, No Cables, with Plastic Cover
47DDU	LATCH, REAR DOOR One Point Slide Bar, Cam Operated, with One Inch Stroke
47EYL	LOCK, ENTRANCE DOOR in External Release, with Key
47DEK	LOCK, REAR DOOR with Ignition Starter Interlock
47BDJ	COMPARTMENT, DRIVER STORAGE Bin, Sized to Hold Three Ring Binder, Includes (1) USB-A Port and (1) USB-C Port
47EBM	HOLD DOWN, BATTERY For Up To 3 Batteries
47BMA	WASTE CONTAINER Removable, Located in Driver Area
47LAU	INSULATION, ROOF/SIDES/BULKHEAD 1.5"
47LAR	NOISE REDUCTION, ROOF BOW Conventional; Insulation, 25'2", 25'11", 26'8", 27'5" Body Lengths
47MBA	UNDERCOAT, BODY Fire Resistant, Water Based, TT-C-730 Spec
	<u>Includes</u>
	: UNDERCOATING Performed Before and After Mounting on Chassis
47SPC	ALPHA/NUMERIC DECAL GUIDE Quantity 031-40
47AJA	BODY CERTIFICATION TAG Metal
47APJ	BODY RATING TAG Metal; for State of Texas, Includes Design Capacity and Seat Capacity
47AJC	BODY TAG, METAL Capacity to Include the Total Number of Passengers
47BLZ	BROOM HOLDER (2) Mounted Beside Driver
47PLX	LETTERS, DEF, I.D. Decal; "DEF ONLY", 1" Black, on DEF Filler Door
47MJR	LETTERS, DOOR, REAR Decals; "EMERGENCY DOOR", 2" Black Letters Inside and Outside
47NGP	LETTERS, FUEL I.D. Paint; "DIESEL FUEL", 2" Black, Adjacent to Fuel Filler Door
47MVA	LETTERS, HEADER Decal; "WATCH YOUR STEP", 1" Black, Above Windshield
47MRU	LETTERS, E/E WINDOW, LEFT (2) Decal Sets, "EMERGENCY EXIT", Black Inside and Outside
47NHL	LETTERS, E/E WINDOW, RIGHT (2) Decal Sets, "EMERGENCY EXIT", Black, Inside and Outside
47MAV	LETTERS, SCHOOL BUS SIDE Decal; "SCHOOL BUS"; in 8" Reflective Black Letters, Each Side
47MZB	LETTERS, SCHOOL BUS FRONT/REAR Decal; OMIT "SCHOOL BUS"; with 8" Black Letters; on Front and Rear Cap
47MVC	LETTERS, STEPWELL Decal, "WATCH YOUR STEP", 2.5" Black, Behind Door on Step Riser
47NTH	LOGO, ROOF LINE Decal; Wing and Shield, Above First Passenger Window Both Sides
47NMG	OPERATING INSTRUCTIONS, REAR Decal, Inside Rear Emergency Door
47NKM	PAINT COLOR, BODY INTERIOR 9384 Spring White

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<u>Code</u>	<u>Description</u>
47NJA	PAINT COLOR, BODY EXTERIOR 4421 School Bus Yellow
47NJS	PAINT COLOR, BUMPER Rear, 0001 Canyon Black
47NJM	PAINT FLASHER BACKGRD 0001 Canyon Black
47NTY	PAINT HOOD AND FENDER To Match Body Exterior
47NKD	PAINT COLOR, ROOF 9219 Winter White, Beginning 5" Above Drip
47NKL	PAINT, RUB RAIL Flange to Flange
47NAB	PAINT COLOR, RUB RAILS 0001 Canyon Black
47NGJ	PAINT, WINDOW BOW CAPS 0001 Canyon Black, Side Only
47NGW	SEAL, RUB RAILS Top Edge, All Rails
47MRN	STRIPING, E/E WINDOW, LEFT (02) Perimeter, 1" Yellow
47MUP	STRIPING, E/E WINDOW, RIGHT (02) Perimeter, 1" Yellow
47MSA	STRIPING, PERIMETER, REAR Emergency Door, 1" Yellow Reflective
47MVM	STRIPING, REAR END 1" Yellow
47MSJ	STRIPING, ROOF HATCH, FRONT Decal, Perimeter, 1" Yellow
47MSK	STRIPING, ROOF HATCH, REAR Decal, Perimeter, 1" Yellow
47MSS	STRIPING, SEATLINE 2" Yellow
47MTY	WIRING DIAGRAM Schematic, Electrical
	<u>Includes</u> : ACCESS PANEL for Wiring Diagram Schematic Located on Inside of Electrical Panel Door, Below Driver Window
47SBP	SUB FLOOR, PLYWOOD Conventional; B-C Exterior Grade, Less Sealed Edges, 5/8", 5 Ply, for 25'2", 25'11", 26'8" or 27'5" Body Lengths
47KEJ	DISARM, POST TRIP INSPECTION Button Located on Light Bar at Rear of Bus
47KEB	MONITOR, POST TRIP INSPECTION {Leave No Student Behind} Accessory Controlled, with Push Button Alarm Disable at Rear of Bus Prompts Driver to Walk to Back of Bus to Disable Alarm
47DNK	SWITCH, LOCATION Steering Wheel; Includes Master Flasher, Flasher On/Off, Red Override, and Door Control

Includes
: SWITCH, STEERING WHEEL, LIGHT Includes Illuminated Switches

BODY FEATURES

48ANT	WINDOW, DRIVER Laminated, Clear
48BJG	COLOR, WINDOW FRAME, PASS (18) Passenger Window, Black
48BAH	WINDOW, E/E, LEFT (2) Vertical Hinge
48BKP	WINDOW, E/E, RIGHT (2) Vertical Hinge
48AUL	WINDOW, PASSENGER, TINT Conventional; 28% Light, Laminated Glass, 78" Headroom, with 25'2", 25'11", 26'8", 27'5" Body Lengths
48ARE	WINDOW, SASH (10) 27" Sections, 9"x 23" Opening
48AST	WINDOW, SASH +9 SECTIONS (4) 9" x 32 1/4" Opening

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<u>Code</u>	<u>Description</u>
48APL	WINDOW, STOPS 12" Opening, Only with 78" Headroom
48PAY	aisle POSITION Center, for balanced seating
48PEW	FLOOR COVERING, COLOR Gray #766
48PUP	FLOOR COVERING, TRIM Omit
48UWW	FLOOR COVERING, TYPE Koroseal, One Piece, Vinyl, All Body Lengths, Dark Gray
48VVR	STEP TREADS {Koroseal} Pebble White Nosing Only, with Non-Metal Backing, used with Formed Treaded Steps
48PKC	HOSE CLAMPS, HEATER HOSE Constant Torque for Heater System
48PKR	FAN, DEFOG LEFT CENTER 6.50" Diameter, Black, Mounted Left of Center Post, 2-Speed Switch in Panel
48PPP	HEATER CUT OFF, VALVE INSIDE Brass Ball, Inside Driver Area
48PMH	HEATER, PASS, LT REAR 50,000 BTU
	<u>Includes</u> : AIR FILTER
48PNW	HEATER, WATER PUMP {2 MPU 12} Self Priming, with Plastic Housing
48UZN	ROOF HATCH, FRONT {Specialty Hybrid Adv H1975-025-191-0F} Emergency Exit with Outside Release, Alarm, English Decals
48UZT	ROOF HATCH, REAR {Specialty Hybrid Adv H1975-025-191-0F} Emergency Exit with Outside Release, Alarm, English Decals
48PPS	ROOF VENT, FRONT Static
48UXM	ARM REST, DRIVER Left and Right
48TMY	SEAT, DRIVER {National 2000} Air Suspension Dual Shock, High Back with Integral Headrest, Isolated, with 2 Position Front Cushion Adjustment, 6 to 17 Degree Seat Back Adjustment, Mechanical Lumbar Support, Includes Additional Back Padding
	<u>Includes</u> : SEAT BELT, DRIVER Adjustable D-Loop Seat Belt, Single Locking Retractor
48PXP	UPHOLSTERY, BARRIER, TYPE (1-2) Prevaill, 42 oz.
48PVN	UPHOLSTERY, DRIVER SEAT, COLOR Drivers Seat, Gray
48PVA	UPHOLSTERY, DRIVER SEAT, STYLE Plain, with Cloth Insert
48PWR	UPHOLSTERY, DRIVER SEAT, TYPE Prevaill, 42 oz.
48BDS	BARRIER, CRASH, AFT ENTRY DOOR 39", 2 Leg
48RAL	BARRIER, CRASH, AFT DRIVER 39", 1 Leg
48UZX	HAND RAIL, ENTRANCE DOOR, AFT Dual Height Stainless Steel, Upper Rail 1.25" OD 28" Above Floor, Lower Rail 1" OD
48UZY	HAND RAIL, ENTRANCE DOOR, FWD Dual Height Stainless Steel, Upper Rail 1.25" OD 28" Above Floor, Lower Rail 1" OD
48REP	PANEL, MODESTY, AFT OF DRIVER Mounted Under Barrier
48ACN	SEAT BELT, DRIVER, COLOR with Blaze Orange Seat Belt Webbing
48USV	SEAT BACK, PASSENGER High Back
48XGC	SEAT, 26", WALL, 3PT, LT {BTI Seating System} (01) High Back, with 3 Point Seat Belts

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Code	Description
48WZZ	SEAT,36",WALL,3PT,CHLD,LT {BTI Seating System} (06) High Back, with 3 Point Seat Belts, with Child Restraint
48XAL	SEAT,36",WALL,3PT,CHLD,RT {BTI Seating System} (07) High Back, with 3 Point Seat Belts and Child Restraint
48XZW	SEAT,39",WALL,3PT,LT {BTI Seating System} (2) High Back, with 3 Point Seat Belts
48YAK	SEAT,39",WALL,3PT,RT {BTI Seating System} (2) High Back, with 3 Point Seat Belts
48PWD	UPHOLSTERY, PASS SEATS, COLOR Gray, for Seats, Barriers and Head Bumpers
48PHL	UPHOLSTERY, PASS SEATS, TYPE Prevaill, 42 oz.; for (17-18) Seats
48RLX	CUSHION, SEAT 15" Depth
48RRA	UPHOLSTERY, SEAT, STITCHING Single

BODY FEATURES

48HAC	WINDOW, ENTRANCE DOOR Laminated, Clear, with Single Piece Glass
49AMJ	ALARM, BACKING {Ecco #575} 107 dB
49AMT	CIRCUIT, PROTECTION Breakers, Manual Reset in Lieu of Fuses
49BCN	FLASHER SYSTEM (8) Warning Lights, 8-Lamp System, Electronic Relay Flasher, Non-Sequential Operation, Red Lights Activate with Door Open
49JDC	LIGHT, ENTRY DOOR (2) LED; One Light Mounted Above Entrance Door, Activated by Stop Arm on School Bus or by Step Light on Commercial Bus, Includes 5 Second Deactivation Timer, One 4" Oval Light Mounted in Skirt Behind Entrance Door Activated by Step Light
49BCR	LIGHT, EXTERIOR, CHECK Automatically Activates Lights for Pre Trip Inspection
49ATV	LIGHT, INDIC, WARNING LIGHTS Red and Amber
	<u>Includes</u> : LIGHTS, WARNING Indicator Located in Instrument Cluster
49JBV	LIGHT, LICENSE PLATE {Sound Off/OptiLuxx} LED, with Mounting Gasket
49JBW	LIGHT, STEP {Sound Off/OptiLuxx} 4" Round LED, White, Wired to Clearance Lights, Operated by Entrance Door
49EYH	LIGHT, STROBE LED, Specialty Man. Co. 845-4020-100, Low Profile, Double Flash, 4.50" High
49ZNC	LIGHTS, BACK UP (2) {Sound Off/OptiLuxx} 4" Round, White, LED, with Flange
49JBS	LIGHTS, CLUSTER {Sound Off/OptiLuxx} Oval, 4 Internal LEDs per Light; Amber Front and Red Rear
49BYZ	LIGHTS, DIRECTIONAL, REAR (2) {Sound Off/OptiLuxx} LED, 7" Round Amber
49PTB	LIGHTS, DIRECTIONAL, SIDE {Sound Off/OptiLuxx} Rectangular LED Armor Type, Amber, 1 Each Side, Second Bow Section Aft of Entrance Door Between 2nd & 3rd Rub Rail
49JEN	LIGHTS, DOME LED, Rectangular Recessed Type, Stagger Mounted, for 25'02", 25'11", 26'08", 27'05", 28'02", 28'11" Body Lengths
49ESC	LIGHTS, DOME, DRIVER (1) LED, Rectangular, Mounted in Light Bar in Ceiling, with Separate Switch
49JED	LIGHTS, MARKER, FRONT & REAR LED, Flush Mount, Amber Front and Red Rear
49ZNN	LIGHTS, MARKER, SIDE, INTERMED LED, Amber, Flush Mount, Intermediate, Centered, Required for Units 30 Foot or Longer
49BYT	LIGHTS, STOP (2) {Sound Off/OptiLuxx} and Tail; 7" Round LED, Red

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<u>Code</u>	<u>Description</u>
49ZNG	LIGHTS, STOP & TAIL ADDITIONAL (2) {Sound Off/OptiLuxx} 4" Round LED, Red, with Flange
49NGJ	LIGHTS, WARNING (8) {Sound Off/OptiLuxx} (4) 7" Round Red Strobing LED and (4) 7" Round Amber Strobing LED, 2 Front, 2 Rear Each Color
49AWT	SPEAKERS AND WIRING (4) Flush Mounted in Light Bar
49EMX	STOP ARM, FRONT {First Light} Air, Fully Illuminated Stop Arm, 18.8" Octagon, Double Sided, Strobing LED Lights, Includes Wind Guard
49EMZ	STOP ARM, LEFT REAR {First Light} Air, Fully Illuminated Stop Arm, 18.8" Octagon, Single Sided, Strobing LED Lights, Includes Wind Guard
49BSL	SWITCH, DOME LIGHTS, DIMMER for All Passenger Dome Lights
49SAA	SWITCH, INSTRUMENT PANEL LIGHTS; Rheostat
49EVL	SWITCH, NOISE SUPPRESSION Actuator Legend States, "NOISE SUPP ", for Separate Solenoid, with Red Switch in Panel
49AMY	SWITCH, REAR DOOR BUZZER for Emergency Door
49BXN	SWITCH, RED, OVERRIDE WARNING Wired Hot, with ESC, Mounted Left of Driver
49EGL	MIRROR, CROSS VIEW, EXTERIOR (2) {Rosco Mini Hawk-Eye} Black
	<u>Includes</u> : MIRROR MOUNT Attached to Body with Metal Backing Plates
49EGC	MIRROR, INSIDE 6" x 30", Clear Safety Glass, Metal Back, Round Corners
49DNB	MIRROR, REAR VIEW, EXTERIOR {Rosco AccuStyle} Black, Motorized Head, Heated, Breakaway Bracket
49ENY	VISOR, INTERIOR, DRIVER LEFT 6" X 27" for Driver's Window
49ENK	VISOR, INTERIOR, LEFT FRONT 6" x 30", Transparent, For Left Windshield
49GDS	COMPARTMENT ABOVE DRIVER Left of the Driver
	<u>Includes</u> : COMPARTMENT ABOVE DRIVER Compartment Size: 39" x 10" x 10" : HINGES Piano Type
49JGJ	FIRE EXTINGUISHER 5 lb 3A-40BC Minimum, with Flexible Hose and Metal Nozzle
49JGN	FIRE EXTINGUISHER, FRONT LOC Located Behind Driver Seat
49JGW	KIT, BODY FLUID National Standard, Poly White Box
49EBA	KIT, FIRST AID Plastic; 24 Unit, Spec State
49MZV	LATCH, COMPARTMENT Locking, for Overhead Storage Compartment
49JEY	LOCATION, BODY FLUID KIT on Bulkhead
49GCH	LOCATION, FIRST AID KIT Right Side Front Bulkhead with Screws
49GDG	PADDING COMPART ABOVE DRIVER Window; Safety Equipment Compartment, with Cutout for Dome Light
49GHN	REFLECTORS, REAR (2) 3", Red, Adhesive Back
49GHV	REFLECTORS, SIDE, FRONT (2) 3", Amber; Adhesive Back, 1 Aft Drivers Window Left, 1 Aft Entrance Door Right
49GHX	REFLECTORS, SIDE, INTERMEDIATE (2) 3" Amber, 1 Each Side, Below The Third Rub Rail From the Top, Adhesive Back
49GHR	REFLECTORS, SIDE, REAR (2) 3", Red, Adhesive Back

Vehicle Specifications
2027 CE SCHOOL BUS (PB110)

October 30, 2025

Code	Description
49GED	SAFETY TRIANGLES Warning Reflectors, Mounted on Floor Between Driver Seat and Drivers Crash Barrier/ Stanchion/Partition
49GUB	CUTTER, SEAT BELT {TIE TECH Safecut} for Cutting Seat Belts
49JGE	CUTTER, SEAT BELT, LOCATION Mounted on Panel Left of Driver
49JAC	DEF FILLER DOOR with Non-Locking Latch
49MZS	FUEL FILLER DOOR Non-Locking, Lever Latch, Spring Loaded to Hold in Open Position
49CKT	FUEL FILLER PIPE Low Profile Neck Cap and Vent Hosing, for Use with Right Side Fill for Between the Rail Fuel Tanks, for Above the Floor Fuel Fill, for 25 GPM Fill Rate Only
49GUM	INSPECTION PLATE Fuel Sending Unit 8" x 8" Steel
49GVC	MUD FLAPS, REAR WHEELS (2) Rubber
49ESS	SIGN, DESTINATION, FRONT LED Illuminated, Exterior Bulkhead Mounted, with 8" Letters "SCHOOL BUS" Activated by Ignition
49ESR	SIGN, DESTINATION, REAR LED Illuminated, Exterior Bulkhead Mounted, with 8" Letters "SCHOOL BUS" Activated by Ignition

Services Section:

WARRANTY

40126	WARRANTY Standard for CE, RE, BE School Bus Models, Effective with Vehicles Built March 1, 2017 or Later, CTS-3304H
40YET	SERVICES, TOWING Service Call to 24-Month/Unlimited Mileage to the Nearest IC Bus Dealer for Navistar Warrantable Failure as Contract Defined; Includes Engine Failure if Supplier Declines Tow Coverage & ESC Supplied thru Navistar; \$1100 (USA) Maximum Benefit per Incident
40CYY	SRV CONTRACT, ENTRANCE DOOR 3 Year/Unlimited Miles, Entrance Door Policy
40YGC	SRV CONTRACT, EXT VEH COVERAGE To 24-Month/50,000 Miles (80,000 km), Covers 100% Parts and Labor; Includes Body; Excludes Extending Warranty for Engine, Transmission, Perforation or Corrosion of Cab/ Cowl Structure and Paint

BODY FEATURES

49GVN	WARRANTY 5-Year, Limited
	49GVN Warranty 5-Year, Limited is an International warranty only. It does not apply to any after-market parts.
	40YGC Warranty: Longhorn Bus will cover the warranty for 2 yrs./unlimited mileage. (International will cover the first 50K miles. Longhorn Bus will cover 50K+ miles, up to the ending of the Two-year term, per current Texas School Bus Specifications.)
	AC - 126KBTU BERGSTROM - FRONT & REAR INWALL EVAPS (FACTORY INSTALLED DASH AC) LHB INSTALL
	DOT INSPECTION
	PRE DELIVERY INSPECTION CE MODEL
	SET GOVERNOR SPEED 65 MPH
	WEIGHT SLIP

Financial Summary
2027 CE SCHOOL BUS (PB110)

October 30, 2025

<u>Description</u>	(US DOLLAR)	<u>Price</u>
Net Sales Price:		\$152,719.00

Prices are good for 30 days from the date of this proposal. Price does not include Buy Board fee of \$800 per purchase order, please add if applicable for Buy Board contract 722-23.

PRICE PER BUS: \$152,719.00

ESTIMATED DELIVERY TERMS: 300-365 Days from receipt of a purchase order. Longhorn Bus Sales will not be held responsible for material shortages or delays due to any global pandemic or any other reasons outside of our control, that of the represented OEM (IC Corp) or third-party vendors used to complete a customers' bus order. **Any buses ordered will be subject to any and all applicable surcharges at the time of build, due to market volatility. Any applicable surcharges will be the buyers responsibility.** A bus order may be delivered without OEM or third-party products (i.e., A/C, GPS, two-way radios, camera surveillance equipment, etc.), and any such items will be installed immediately upon availability. Due to industry constraints, quote pricing may fluctuate.

Potential shortages/delays will not hold up invoicing and/or payment. Instructions for payment of invoices will be provided upon invoicing. Please AVOID wiring any funds to previous accounts. Due to new ownership by Holt Truck Centers, please contact Ashley Schrader at 713-631-9306 for payment instructions.

By signing this document in acceptance of an order, the customer acknowledges that all equipment listed within this document is correct. Longhorn Bus Sales will not be responsible for any miss-built units. Any changes to what is listed herein, may result in additional charges to an order.

Signing this proposal will not be accepted in place of a purchase order. A purchase order is required to initiate any new bus order. If your agency does not use purchase orders, please sign this proposal and prepare a written letter of intent noting the need to place your order for the specific equipment desired.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

**This proposal is not binding upon the seller without
Seller's Authorized Signature**

Official Title and Date

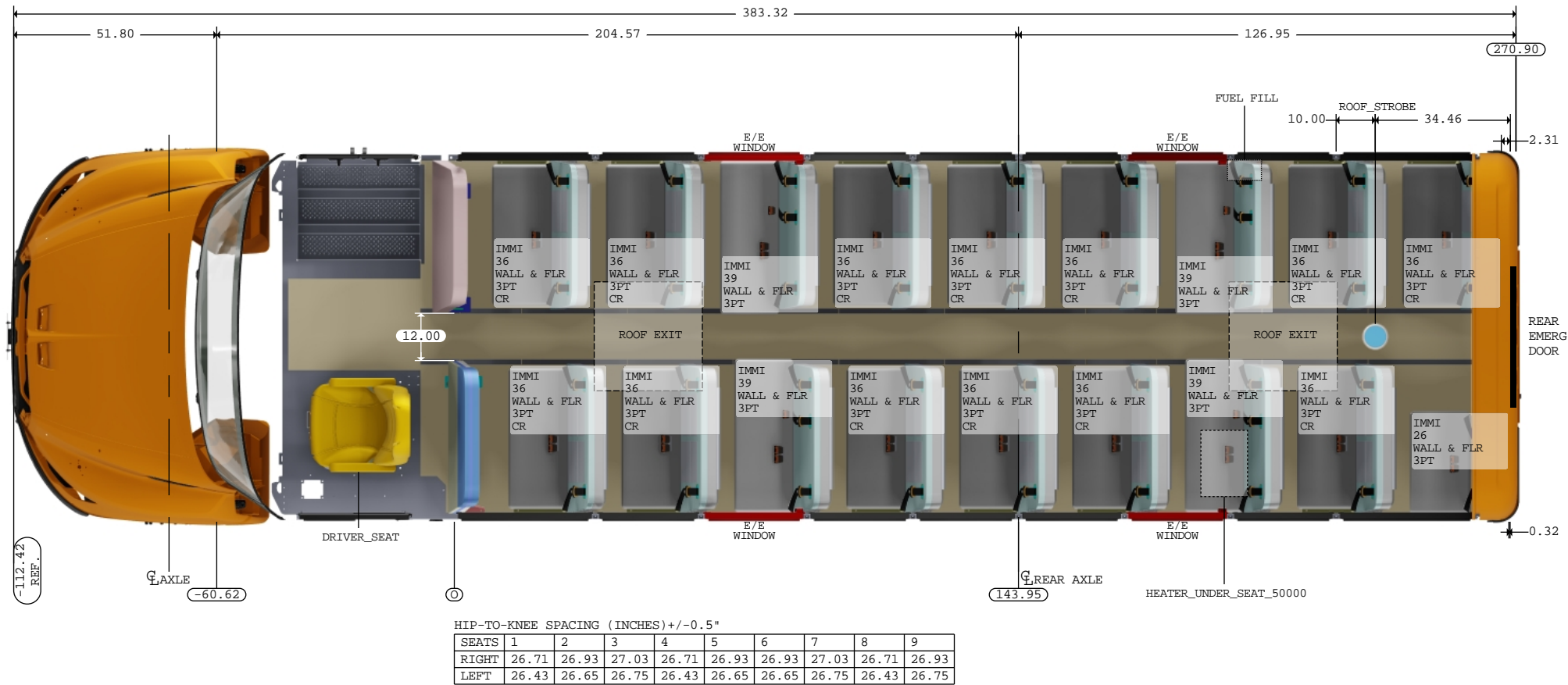
If you haven't added a planned maintenance service contract to your proposal yet, please get in touch with your local dealer, International or IC Bus Sales Representative to learn more about the benefits when ordering together with the vehicle.

International® Financial offers loans, a full line up of lease options, and can establish a line of credit for use towards the purchase of International and IC Bus vehicles. Ask your dealer, International® or IC Bus® Sales Representative about completing an International Financial credit application and any promotional offers that may be available. International Financial services are provided by Navistar Financial Corporation.

The TOPS FET Calculation is an estimate for reference purposes only. The seller is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described here in are International Motors, LLC* standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

International Motors, LLC d/b/a International Motors USA LLC in Illinois and Ohio.



Request for Taxpayer Identification Number and Certification

Go to www.irs.gov/FormW9 for instructions and the latest information.

Give form to the
requester. Do not
send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) Holt Truck Centers of Texas LLC		
	2 Business name/disregarded entity name, if different from above. Longhorn Bus Sales		
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input checked="" type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) P Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) _____		
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ <i>(Applies to accounts maintained outside the United States.)</i>		
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>		
5 Address (number, street, and apt. or suite no.). See instructions. 5665 SE Loop 410		Requester's name and address (optional)	
6 City, state, and ZIP code San Antonio, TX 78222			
7 List account number(s) here (optional)			

Part I Taxpayer Identification Number (TIN)																																																			
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> , later.																																																			
Note: If the account is in more than one name, see the instructions for line 1. See also <i>What Name and Number To Give the Requester</i> for guidelines on whose number to enter.																																																			
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Part II Certification	
Under penalties of perjury, I certify that:	
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and	
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and	
3. I am a U.S. citizen or other U.S. person (defined below); and	
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.	
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.	
Sign Here	Signature of U.S. person <i>Paul C. Hickey</i> Date 10/11/2024

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they



IC BUS®
CE SERIES



THE NEXT GENERATION
IC BUS® CE SERIES SCHOOL BUS

THE NEXT GENERATION IC BUS® CE SERIES

AHEAD OF ITS CLASS

When it comes to transporting our most precious cargo, only the best will do. That means a bus that has some of the latest safety technology, is built with high-quality materials, offers forward-thinking propulsion options and provides drivers with everything they need to be successful.

It means a company willing to go above and beyond all expectations with engineers who are never satisfied with the status quo. Introducing the Next Generation CE Series. And welcome to a new era in school transportation.



SAFETY. FIRST AND FOREMOST.



A NO-COMPROMISE APPROACH TO SAFETY

Of all the requirements IC Bus engineers are tasked with when designing a new bus, one rises above the rest: it must be a safe means of transportation for the children who ride inside. It's an enormous responsibility and something that we never take for granted.

That's why the next generation CE Series includes the very latest in safety technology. These safety features are essential when it comes to providing the driver with extraordinary situational awareness; enabling them to keep the students riding behind them out of harms way.

STANDARD KEY SAFETY FEATURES:

- Bendix® Intellipark® electronic parking brake standard (on air brake units)
- Bendix® Wingman® Advanced™ Safety Package (air brake units) – including Active braking capabilities for collision avoidance, following distance alerts, adaptive cruise and more
- No Student Left Behind child monitoring system
- Single panel glass on entrance door for improved driver visibility
- Entrance doors integrated into dash cluster, providing 'Door Ajar' warning if bus reaches certain speed prior to door being fully closed
- Daytime running headlights with automatic twilight sensor
- Electronic stability control



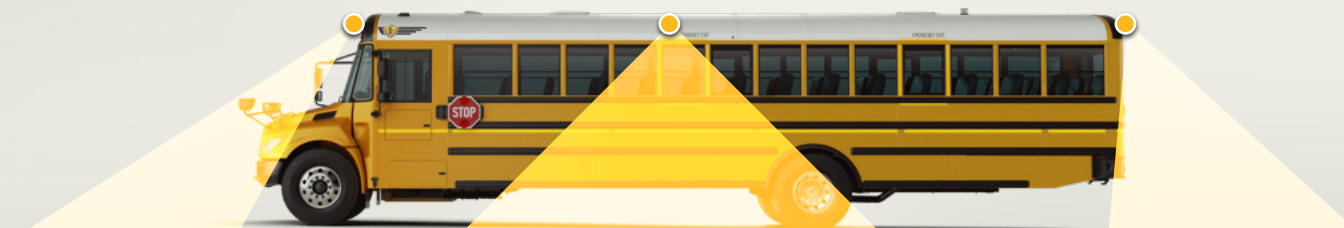
A CLEAR VISION

Visibility is crucially important to any school bus driver. Children of all heights walk next to, in front of, behind and toward the bus – and being able to see them is the only way to ensure they are kept safe. The Next Generation CE Series includes several enhancements that help boost the situational awareness of the driver.



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 for total situational awareness so they can concentrate on driving and keeping kids safe.



FULL VIEW CAMERA FEATURES

1. Entrance door features single-panel bonded glass and is aligned with the driver seat for enhanced side visibility.
 2. Rounded, three-piece windshield with no center post includes a shaded band standard to help reduce sun glare.
 3. Completely integrated driver HVAC system with improved defrost performance by 50% over prior model allows for quicker and more complete clearing of the windshield.
 4. Sloped hood design is angled and provides more than 11 inches of improved ground visibility in front of the bus over prior model.
 5. Standard daytime running lights with automatic twilight sensors help increase the visibility of the bus to other drivers and pedestrians.
 6. Available LED-enhanced, down lit cross-view mirrors illuminate the road when the park lights are on and the stop arm is extended to illuminate pedestrians and objects in the front danger zone.
 7. Available LED headlights and marker lights offer a higher lumen output and are longer lasting compared to halogen bulbs.
- Provides driver 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
 - Gives the driver a greater feeling of security and peace of mind with the combination of the full view camera technology and driver mirrors
 - This purpose-built camera technology is designed to not overload the driver with too much information, but instead provide them with the right information at the right time
 - Provides accurate visibility to the areas that matter most around the bus



INTUITIVE PROTECTION

The Bendix® Wingman® Advanced™ Safety Package uses radar and an optional video camera (Fusion package) to scan the forward path of the bus. If a slower moving or stopped vehicle is detected, the system is designed to reduce the severity and likelihood of a rear-end impact through automatic braking and audible alerts.

This integration of various technologies creates a highly detailed data picture that can significantly reduce the chance of a false alert or activation.

The Next Generation CE Series was designed from the beginning to utilize active safety. In fact, the alerts are now integrated into the gauge cluster as opposed to being mounted atop the instrument panel in previous models.

FOLLOWING DISTANCE ALERTS

The radar can also be used to maintain a safe following distance when the adaptive cruise control is engaged. Radar has many advantages, including the ability to read objects through all weather conditions, such as rain, snow, smoke and fog.



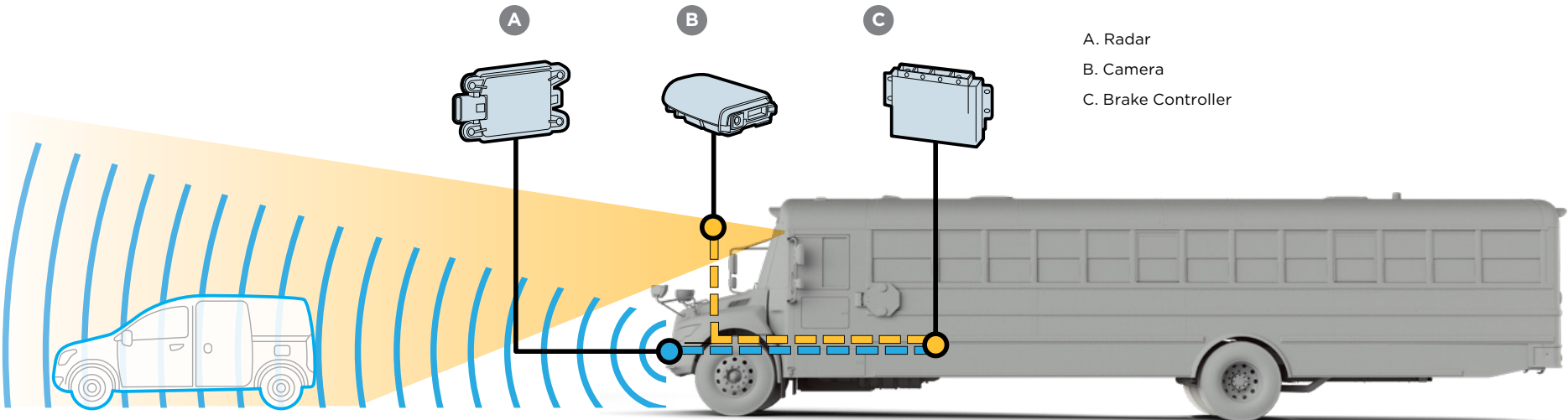
LANE DEPARTURE WARNING (available with camera)

The camera can detect if the bus unintentionally departs the lane without the turn signal activated, and will sound an alarm and provide a visual alert. This is particularly valuable during driver distraction or drowsiness situations.



SUPPORTING SAFE DRIVING

SITUATION	POSSIBLE CAUSE	ACTIVE SAFETY
Rear End Collisions	Distracted driver	Can reduce the likelihood or severity of rear-end accidents by providing following distance alerts and if needed, will apply the brakes to help the driver avoid the collision or help reduce its severity
Overly Aggressive Drivers	Bus is too close to the forward vehicle	Following distance alert will beep when following too closely
Limited Sight in Poor Weather Conditions	Snow, rain, smog, smoke, fog, sleet	Radar capabilities that can see potential dangers before the human eye can
Excessive Speed	Traveling above posted speed limit on highways	Optional camera can recognize posted speed limits and alert the driver at +5 mph over; at +10 mph over, alert and 1.0 second engine de-throttle will occur



DESIGNED WITH DRIVERS IN MIND



KEEPING THE DRIVER INFORMED, COMFORTABLE AND CONNECTED

Every successful trip begins and ends with the driver. That's why we empower them with tools that elevate their comfort, efficiency, and situational awareness in a meaningful and nonintrusive manner.

It's a philosophy we call DriverFirst™ which is our commitment to do everything we can to provide a working environment that puts drivers in a position to succeed. After all, it's hard enough to find committed drivers, let alone retain them. So, if we're able to help by providing a bus that drivers want to drive, then everyone wins. Your district wins by retaining an experienced driver, the driver wins by building a stable and satisfying career and, most importantly, the kids win by boarding a bus each morning driven by someone who loves their job.

DRIVERFIRST™



- 1. Ergonomic wing instrument panel** is angled toward the driver with switches that are easy to read and reach.
- 2. Premium dash cluster** with a 5-inch digital color display with custom view options including real-time fuel economy, speedometer and tachometer, gear selection indicator, safety indicators and distance to empty.
- 3. USB-A and USB-C charging ports** are conveniently located to left of driver (in storage bin) and on right side of instrument panel.
- 4. Back-lit, color-coded steering wheel switches/controls** with cruise control plus four switches that are programmable with Diamond Logic® Builder software.
- 5. Driver light pre-check switch** conveniently located on the dash to check all exterior light bulbs. All exterior lights will flash while driver performs pre-check.
- 6. Full range of driver seat options** to accommodate drivers of all shapes and sizes.
- 7. Tire pressure monitoring system (TPMS)** (optional) provides real-time tires status including low pressure, extreme low pressure, high pressure, high temperature and more.
- 8. Bendix® Intellipark® electronic parking brake** with dash-mounted switch integrated in cluster (air brake units only) electronically engages parking brake when critical interlocks are met, indicating that the vehicle is not parked and the driver does not have control.
- 9. Stalk shifter** for transmission control mounted on steering column allows the driver to easily reach and operate shifting and engine braking while keeping their eyes on the road.
- 10. Integrated driver HVAC system** with multiple, intuitive control settings within an arm's reach with additional venting for faster and more complete defrosting as well as overall driver comfort.
- 11.** Improved left-hand drivers area including storage bin with more usable space and an easy-to-reach 44 oz cup holder.
- 12.** Trash bin with double capacity (optional) with designated area forward of the stepwell.

A BUS BUILT TO LAST

From sizable potholes to boisterous students, a school bus must face daily punishment. That's why the CE Series is built to the highest standards at our production facility in Tulsa, Oklahoma.

Materials have been carefully chosen for their durability and advanced steel coatings help provide a robust defense against corrosion. In addition, areas under the hood that require routine maintenance are conveniently located to help you stay ahead of potential issues.

DURABLE CONSTRUCTION:

16-gauge steel body and interior panels for longevity and structural integrity

14-gauge steel threaded body bows with continuous runners connecting all roof bows for ruggedness and superior strength

Stamped parts used wherever possible during construction; provides increased strength and tighter tolerances

Meets or exceeds FMVSS/CMVSS

ENHANCED CORROSION RESISTANCE:

New one-piece driver floormat reduces potential corrosion and maintenance costs, plus is easier to keep clean

Naviflex coated stepwell* provides superior corrosion resistance

Interior modesty panels treated with 90G/90G galvanized coating and then painted for enhanced corrosion resistance

TIME-SAVING SERVICEABILITY:

Improved accessibility to routine maintenance items - HVAC filter & air dryer (under the hood), fuel filter now outside frame rail, stepwell heater accessibility from inside stepwell, oil filter now more accessible

Electrical panel/fuse block arrangement:

- Instrument panel fuses located inside the bus with chassis fuse block with spill resistant cover
- Body fuse block outside of bus in electrical panel under driver's window

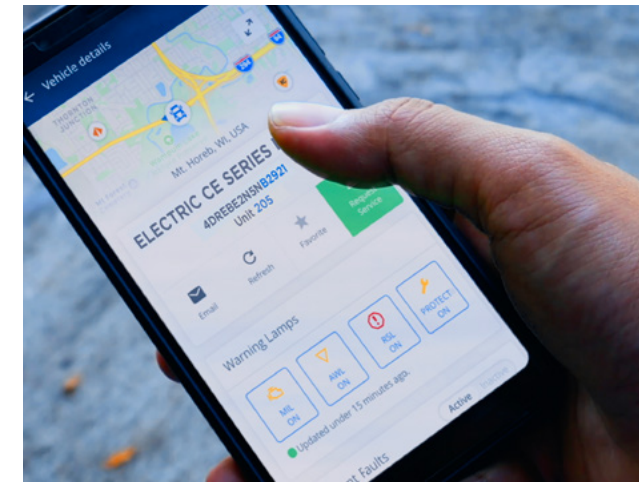
Diamond Logic® electrical system enables programming of body integration and driver efficiency features; common uses include exterior light check for pre-trip inspections, "No Student Left Behind" post-trip inspection monitor, lights on with windshield wipers, and customization of interlocks for dome light

* Also available on bumpers and fuel tanks



CONNECTED TECHNOLOGY TO BOOST ON-TIME PERFORMANCE

Knowledge is power. And when you're armed with the data you need to make informed decisions, the outcomes are always better. IC Bus offers powerful tools that can not only help you stay ahead of issues, but accelerate repair times when a bus is in for service. So whether you operate one bus or an entire fleet, you'll have access to a powerful set of tools and resources for maximizing uptime and operational efficiency.



Now standard on all new vehicles — factory-installed telematics including 5 Year subscription. We deliver proactive tools that help reduce unplanned downtime, increase safety and drive on-time performance

Connectivity includes:

ONCOMMAND® CONNECTION (OCC)

- 24/7 access and visibility to real-time vehicle diagnostics and predictive maintenance tools
- Visibility to current vehicle location and route history
- Monitor driver performance including harsh braking, hard acceleration and idle time reporting

IC BUS® 360 SERVICE COMMUNICATIONS:

- Seamless communication with dealers and up-to-date repair status
- Complete VIN-based information – 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

PROVEN RESULTS:

- 83% of users have experienced a reduction in the number of emails and phone calls regarding service communications.
- 30% improvement in service repair time and unplanned service events when utilizing IC Bus 360 and OCC.



NEXT GEN POWERTRAINS

School bus fleets are rapidly transitioning to electric. In most cases, it makes perfect sense thanks to consistent routes, a central depot to charge and readily accessible funding assistance. But not all routes or districts are suited for electric – and that’s why we offer both options. The tried-and-true Cummins® B6.7L provides the power you need with a low total cost of ownership and impressive uptime. Those who choose the Next Generation Electric CE Series can rest easy knowing that it has been designed from the get-go to run on electric propulsion with its incredible torque and quiet, calm-inducing ride. Whichever direction you go, the future has never looked brighter.





IC Bus helps customers plan, execute and optimize zero-emission vehicles and investments for the entire lifecycle. We design scalable, end-to-end solutions around your specific needs.

Our team of zero-emission subject matter experts is ready to help fleets and school districts everywhere develop a fully integrated and scalable zero-emission strategy. The consulting process includes the evaluation of requirements and efficiencies, route simulations, plus education on all available funding sources, grants, and tax incentives.

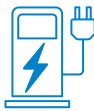
THE EV ROADMAP FOR A SEAMLESS TRANSITION:



Step 1 | CONSULTING

Find the best way forward

Our discovery workshops dive into your fleet's electrification needs and concerns, building a customized EV roadmap for success.



Step 2 | CHARGING

Lay the groundwork

We assess the placement of hardware and infrastructure, finding the best ways to support your vehicle charging and uptime.



Step 3 | DEPLOYMENT

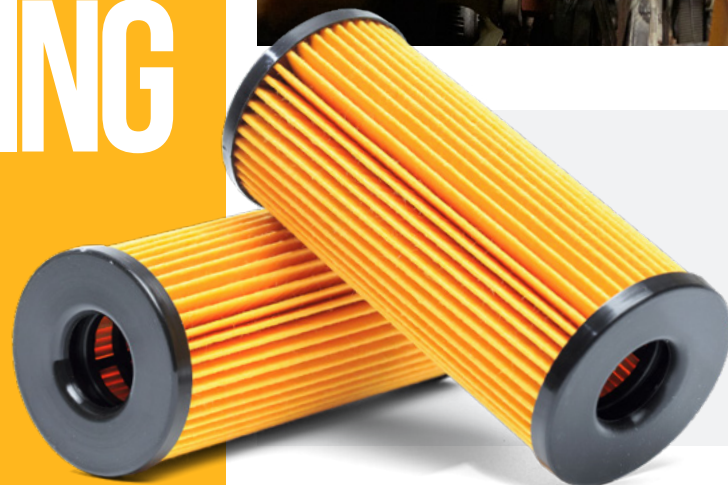
Bring it all together

We ensure your charging locations, staff, and remote diagnostics are prepared for your electric vehicle to hit the road.



WE HAVE YOUR BACK, SO YOU CAN KEEP MOVING FORWARD

We understand that getting kids to and from school on time every time, isn't optional, it's required. That means your fleet must be up and running the entire school year. Dependable equipment spec'd for your needs and requirements is just the beginning. Our preventive maintenance programs combined with our vast network of service locations help make sure downtime is kept to a minimum with no surprises for your students or your budget.



PARTS YOU NEED WHERE AND WHEN YOU NEED THEM

It is our goal to provide you, the customer, with an unparalleled ownership experience. To be your preferred partner, not just for the sale of the vehicle, but throughout its lifecycle. Below is a sampling of our value-add services focused on reducing your operating costs and driving on-time performance.

- State-of-the-art, Award-winning Parts Distribution Centers
- All-makes Fleetrite® and ReNEWed® Reman Parts Offering
- Fleet Charge® account standardization – pricing & billing
- Ability to customize extended service contracts – flexibility you need with peace of mind you deserve.
- Connected services built to make data visible, easy to understand & actionable
- Diagnostics & service tools
- Training opportunities
- Over 700+ dealer locations
- Parts Return Program
- One-stop-shop Warranty Processing
- eCommerce Online Parts Ordering
- Dealer Uptime Advocate and Uptime Command Center





www.icbus.com

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IC Bus

Next Generation CE





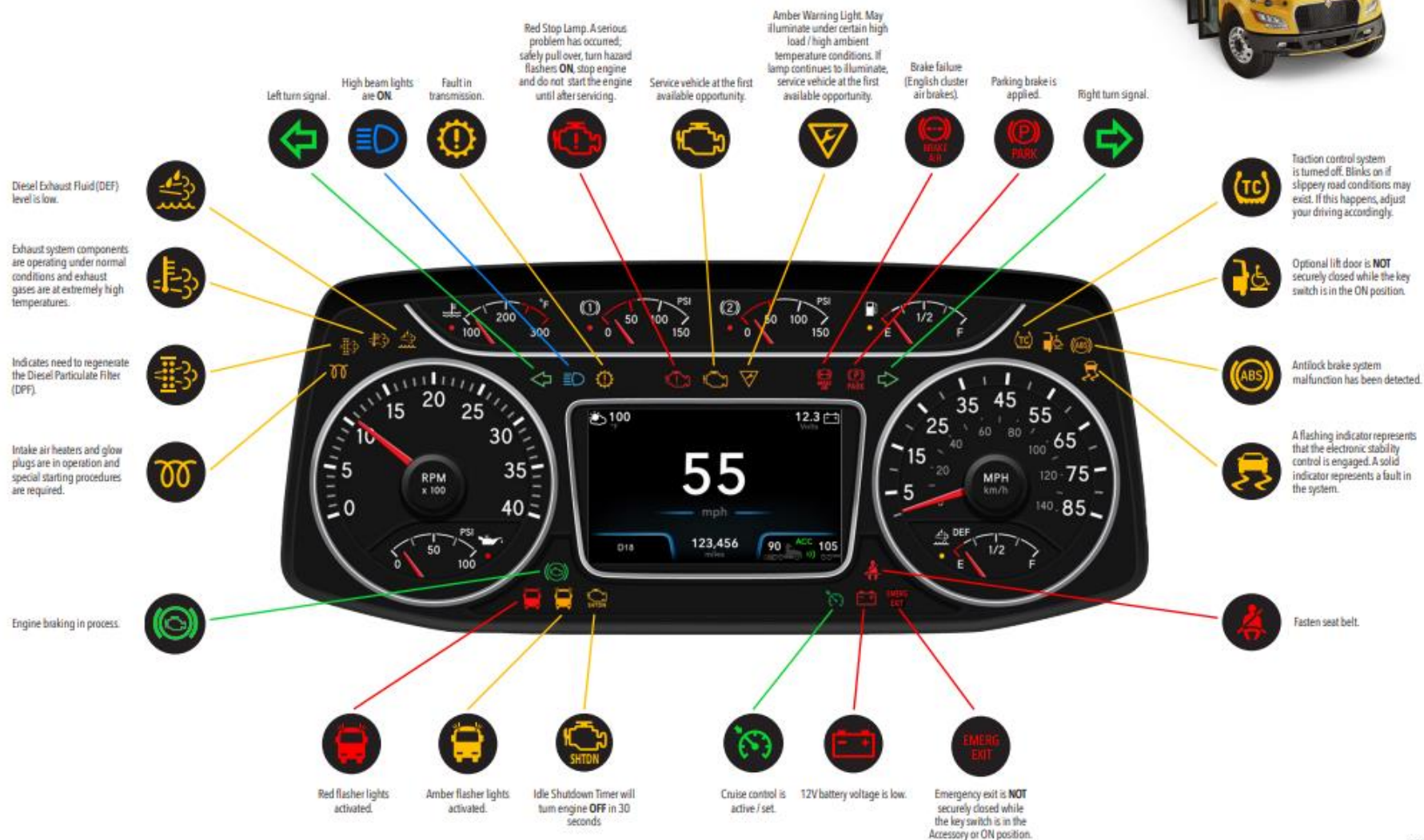
DriverFirst™ Themed Driver Compartment



INSTRUMENT CLUSTER WARNING INDICATOR GUIDE

IC BUS® CE SERIES – DIESEL

This premium instrument cluster comes standard on all new PB110 and PC110 models



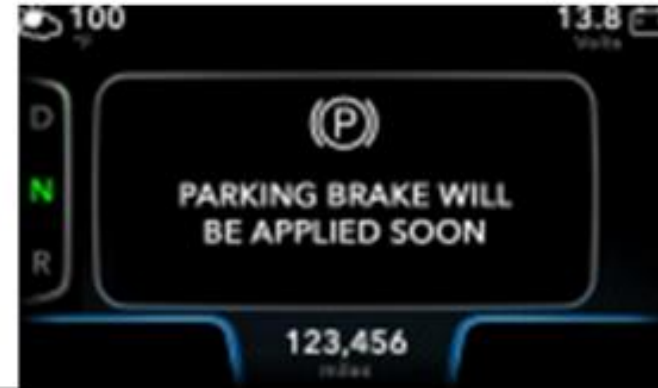
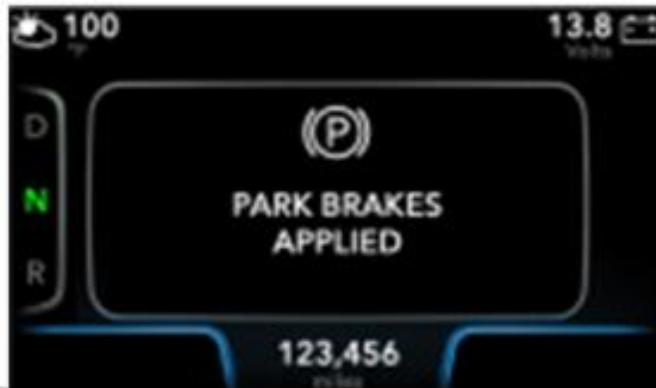
Safety – Enhanced Lighting



Technology – Dash Cluster with Digital Gauges and Info



Technology – Dash Integrated Safety Systems



Air Brake System Test with Bendix Intellipark

Buses equipped with a Bendix Intellipark system require the driver to look for different visual cues when conducting a brake test. All system air pressure readings and requirements remain the same.

Conducting a Brake Test:

1. Ignition key **ON**.
2. Place your foot on the service brake.
3. Release the parking brake.
4. Begin pumping the brake pedal rapidly.
5. At 60 PSI:
 - The dash will begin to sound an alarm.
 - The **BRAKE AIR** indicator will illuminate on the dash.
 - The red lights on the parking brake will flash.

This is required to release the parking brake. It cannot be released without depressing the brake pedal. This may change the road test procedure.



6. Continue pumping the brake pedal.
7. At 30 PSI:
 - The dash alarm will continue to sound.
 - The **BRAKE AIR** indicator will continue to illuminate.
 - The **PARK** indicator will illuminate on the dash.
 - The red lights on the parking brake will illuminate solid.



This is now the equivalent of the parking brake knob popping out at 30 PSI or the spring brake applying itself automatically at 30 PSI.

Pumping the Brakes Down After Your Run:

1. The ignition key must be in the **ON** position to release the parking brake.
 - Do not pump the air system down with the parking brake set.
2. After key on, pump the brakes down until spring brake application as normal.
3. Remove the key from the ignition (if required).
 - The dome lights will time out on their own.

LIMITED WARRANTY FOR School BUS
***Effective with vehicles built March 01, 2017 or later**

Series (Model): CE (PB105 & PB110), RE (PB305)

Basic Vehicle

Navistar®, Inc., at its option, will repair or replace any part of this vehicle that proves defective in material or workmanship, in normal use and service, with new or RENEWED™ parts, based on the Component Coverages below.

Coverage	Months	Miles	Kilometers	Hours
Basic Vehicle Warranty	12	Unlimited	Unlimited	Unlimited
Basic Vehicle Warranty with Non-Navistar Engine	12	Unlimited	Unlimited	Unlimited
Belt Tensioner	12	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Navistar built engine failures only)	24	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Power Solutions International, Inc. 8.8L Propane engine failures only)	60	Unlimited	Unlimited	Unlimited
Towing (Vehicles with Power Solutions International, Inc. 8.8L Gasoline engine failures only)	60	Unlimited	Unlimited	Unlimited
Frame Rails and Crossmembers	60	Unlimited	Unlimited	Unlimited
Body/Cowl Structure (Roof, Metal Floor, Sides and Rear Sections)	60	Unlimited	Unlimited	Unlimited
Body/Cowl Perforation Corrosion	60	Unlimited	Unlimited	Unlimited
Bumper Corrosion and Paint Delamination	36	Unlimited	Unlimited	Unlimited
Body/Cowl/Hood Paint Delamination	60	Unlimited	Unlimited	Unlimited
Brightwork, Chassis Paint and Corrosion	6	Unlimited	Unlimited	Unlimited
IC Bus, LLC Factory Installed Air-Conditioning (IC Air)	30	Unlimited	Unlimited	Unlimited
IC Bus manufactured Seats Only - Foam	48	50,000	80,000	Unlimited
IC Bus manufactured Seats Only - Upholstery	24	24,000	40,000	Unlimited
IC Bus manufactured Seats Only - Frame and Barriers	60	Unlimited	Unlimited	Unlimited
Power Solutions International, Inc. 8.8L Propane Engine	60	Unlimited	Unlimited	Unlimited
Power Solutions International, Inc. 8.8L Gasoline Engine	60	Unlimited	Unlimited	Unlimited
Eaton Prociision Transmission	12	Unlimited	Unlimited	Unlimited
Spicer 3-Part Drivetrain (Front & Rear Axles and Prop Shaft, when Used with Allison Transmission Only)	48	50,000	80,000	Unlimited
Meritor Axles	48	75,000	120,000	Unlimited
First 90 Days from Delivery to User (DTU) + Towing	3	Unlimited	Unlimited	Unlimited
Federal Emissions Coverage (Medium/Heavy, Heavy Duty Diesel Engine Non-Navistar)	60	100,000	160,000	Unlimited
Federal Emissions Coverage (Light Heavy Duty Propane Engine)	60	50,000	80,000	Unlimited
Federal Emissions Coverage (Light Heavy Duty Gasoline Engine)	60	50,000	80,000	Unlimited
IC Bus Aftermarket A/C Coverage	30	Unlimited	Unlimited	Unlimited

Navistar Diesel Engine Coverage Includes:

Engine block, cylinder heads, internally lubricated components, fuel pump, high pressure pump, turbocharger, water pump, air compressor, injectors/nozzles; electronic engine modules, engine relays, engine sensors and regulators required for electronic engine operation, and certain aftertreatment components. Excluding: attaching accessories (e.g., fan clutch, alternator, starter, etc.), and externally mounted electrical and filtration systems.

What is Not Included Under Basic Coverage

Components/Items

- Components warranted by their respective manufacturers (such as non-International® brand engines, tires, Allison transmissions, lubricants, Cummins engines, Agility fuel systems, etc.)
- Bodies, equipment, and accessories installed by other than authorized International Truck employees at International Truck manufacturing plants
- Front and rear axle alignment
- Front and rear axle coverage excludes brakes, wheel ends, axle shafts, controls and attachments

Repairs & Maintenance

- Maintenance-related items/repairs, or those needed as a result of normal wear and tear, including tune-ups, brake/clutch linings, windshield wiper blades, tire balancing, lubrication, and other similar procedures/parts required to keep vehicle in good working condition
- Failures that are the result of poor fuel quality, water in fuel, rust, etc.
- Repairs needed as a result of vehicle misuse, negligent care, improper maintenance, improper operation, or the result of accident or collision
- Fade, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes such as improper polishes, cleaners or washing solutions, or chemical and industrial fallout
- Failure to observe published capacity or load specifications for engine, transmission, propeller shaft, axles (powertrain) and suspension

LIMITED WARRANTY FOR School BUS
***Effective with vehicles built March 01, 2017 or later**

Other

- Vehicles sold and/or operated outside the United States and Canada
- This exception does not apply to vehicles that meet current US EPA emission standards, which were sold by an International dealer located in Mexico, if the vehicle is authorized by the US DOT to operate in long-haul, cross border transportation and the vehicle is only operated in the United States, Canada, and Mexico
- Vehicles/components that have had unauthorized alterations or modifications
- Vehicles on which the odometer reading has been altered
- Loss of time or use of the vehicle, loss of profits, inconvenience, or other consequential or incidental damages or expenses
- Replacement of defective parts with parts other than those provided by Navistar, Inc.

Obtaining Service

Return this vehicle to any International Truck dealer authorized to service this model vehicle and engine.

This warranty is automatically transferred to subsequent owners at no charge. Visit your local Authorized International Truck dealer for name and address change information.

Note: The customer has 365 days and up to a maximum of 100,000 miles (160,000 km) from DTU to purchase an extended warranty on the unit. For extended warranty purchases between 181 and 365 days from DTU and <100,000 miles (160,000 km) an additional fee will be assessed. See your local International dealer for details.

Disclaimer

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER.

No person is authorized to give any other warranties or to assume any liabilities on the Company's behalf unless made or assumed in writing by the Company, and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Telematics Data Disclosure

Your Navistar vehicle may include an activated telematics subscription service. By accepting this Limited Warranty, you consent to our collection and use of data from your vehicle as set forth at www.oncommandconnection.com on behalf of yourself and any vehicle operators and passengers. Navistar, Inc., or its affiliates will collect and send diagnostic and system data from your vehicle and use it for various purposes as further set forth in our Privacy Policy, posted at www.oncommandconnection.com, such as improving the uptime for your vehicle, improving our vehicles in the future, and reducing warranty events. If you choose not to allow Navistar to access your data, you may suspend your subscription at www.InternationalTrucks.com/Opt-Out.

LIMITED WARRANTY FOR School BUS
***Effective with vehicles built March 01, 2017 or later**

Record of Ownership

Upon receipt of new vehicle by original owner, complete the following:

I have read this Warranty Brochure and fully understand the warranty coverage. I acknowledge that I have received a copy of the Owner's Limited Warranty and I accept the terms described herein.

<div>Customer Signature</div>	<div>Date</div>
<div>Owner's Address</div>	<div>City</div> <div>State/Prov Postal Code</div>
<div>Truck Model</div>	<div>Vehicle Identification Number</div>
<div>Engine Model Number</div>	<div>Engine Serial Number</div>
<div>Date Delivered to User (DTU)</div>	<div>Odometer Reading at Delivery</div>

IMPORTANT: The information contained in this Warranty Policy explains the coverage provided on your new International vehicle. This policy should be kept in the vehicle for presentation to the Dealer when you request warranty services.

TOW COVERAGE \$1,100 PER INCIDENT

This service contract for **Towing option(s)** provides coverage for 24 months or unlimited miles/kilometers traveled from new vehicle delivery date, whichever expiration occurs first.

During this period, Navistar, Inc. ("Navistar") will pay for a service call and/or towing to the nearest IC Bus, International® or Cummins dealer WITH A NAVISTAR OR CUMMINS WARRANTABLE AND MISSION-DISABLING UNSAFE OPERATING CONDITION FAILURE. Coverage of Cummins failure begins AFTER the expiration of the Cummins second year of standard tow coverage for school bus if an additional Cummins service contract is active in Navistar Service Portal. Maximum liability for Navistar, per incident, is \$1,100. Exceptions are listed herein under section *What is Not Covered*.

WHAT IS NOT COVERED

Repairs:

- Towing in connection with a failure that is NOT warranted with Cummins or Navistar.
- Any expense over the \$1,100.00 maximum liability, per incident.

Other:

- Buses sold and/or operated outside the United States and Canada.
- Buses /components which have had unauthorized alterations or modifications.
- Buses on which the odometer reading has been altered.
- Loss of time or use of the bus, loss of profits, inconvenience, or other consequential or incidental damages or expenses.
- Incidental or consequential costs or expenses which the owner may incur as a result of a malfunction or failure covered by this warranty, such as vehicle damage, communication expenses, meals, lodging, overtime, loss of use of engine or vehicle ("downtime"), loss of time, inconvenience, cargo loss or damage, and other similar costs and expenses.

OBTAINING SERVICE

To obtain service under this Service Contract, return this vehicle to any IC Bus or International® truck dealer authorized to service this model bus and engine. To locate an authorized dealer near you, please call the Navistar Customer Service Center at 800-44-TRUCK (800-448-7825).

DISCLAIMER

FOLLOWING THE EXPIRATION OF THE STANDARD NAVISTAR LIMITED WARRANTY AND DURING THE PERIOD OF THIS SERVICE CONTRACT, NO WARRANTIES OR ADDITIONAL COVERAGE ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS EXTENDED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EXCEPT FOR THE APPLICABLE STANDARD NAVISTAR LIMITED WARRANTY FOR YOUR VEHICLE. NAVISTAR SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. NAVISTAR FURTHER EXCLUDES LIABILITY FOR INCIDENTAL, SPECIAL, INDIRECT AND CONSEQUENTIAL DAMAGES, ON THE PART OF NAVISTAR OR SELLER. No person is authorized to give any other warranties or to assume any liabilities on Navistar's behalf unless specifically made or assumed in writing by Navistar; and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless specifically made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Navistar, Inc., except in Canada where it is Navistar Canada, Inc.

**RE/CE BUS EXTENDED VEHICLE COVERAGE
INCLUDING BUS BODY**

This **Extended Vehicle Coverage Including Bus Body option(s)** provides coverage for 24 months or 50,000 miles/ 80,000 kilometers traveled from new vehicle delivery date, whichever expiration occurs first.

During the period selected, Navistar, Inc. will repair or replace any of the covered components as defined below which proven defective in material and/or workmanship in normal use, with new or ReNEWed parts. Exceptions are listed herein under What is Not Covered.

GROUP 01 - FRAME AND BUMPER

067 - Carrier, Tire
071 - Bumper
211 - Bracket or Mounting
306 - Outrigger, Bus Platform Mounting
307 - Crossmember
309 - Crossmember, Engine
581 - Bumper Frame
660 - Rail, Frame Side
739 - Reinforcement or Gussets

GROUP 02 - FRONT AXLE

016 - Arm, Steering
032 - I-Beam, Front Axle
353 - Fitting/Zerk
535 - Knuckle, Steering
667 - King Pin & Bushing
799 - Seal, King Pin

GROUP 03 - SUSPENSION

62 - Equalizer / Rocker Arm and Bushing
066 - Torque Arm & Bushing Assembly
074 - Walking Beam & Bushing Assembly
203 - Air Bag Assembly
264 - Control (Air Suspension Only)
341 - Bracket, Shock Absorber Mounting
406 - Bolt, Center
437 - Suspension Air Control Manifold Assembly
438 - Suspension, ECM
468 - Spring Leaf Assembly
584 - Bracket Assembly, Spring
646 - Shackles, Pins & Bushing
711 - Crossmember, Rear Suspension
769 - Sway Bar Assembly
804 - Stop, Axle

GROUP 04 - BRAKES

003 - Tank, Air, Vacuum
005 - Knob
007 - Pumps
09 - Accumulators
10 - Hydraulic Power Brake (HPB) Unit
012 - Solenoid Valve
013 - Adjuster, Slack
020 - Cylinder, Self Actuate Hydraulic Release

036 - Adjuster Assembly, Automatic
105 - Bracket, Brake Chamber
231 - Chamber
232 - Diaphragm, Chamber
255 - Cylinder, Master
390 - Reservoir
392 - Switch, Fluid Level
397 - Governor and Mounting, Air
428 - Lever/Pedal, Parking Brake
429 - Cable/Linkage, Parking Brake
461 - Linkage / Cam / Camshaft, Wheel Brake Actuating
462 - Linkage/Pedal/Spring Brake Actuating
511 - Power Assist Unit
617 - Backing Plate/Anchor/Dust Shield
634 - Pump, Back-Up (Less Motor)
636 - Motor, Back-Up
643 - End Cover, Unloader Valve Air Dryer
662 - Spring, Brake Shoe Return
747 - Spring Applied Air Release (Saar) Canister
751 - Sensor, Steering Angle
753 - Sender, Stability Control
801 - Control Unit, Electronic ECU
811 - Relay/Magnetic Switch
812 - Valve, Modulator
816 - Sender, Wheel
826 - Caliper
840 - Caliper Bracket
842 - Switch, Flow
846 - Switch, Back-Up Motor
847 - Switch, Pressure Differential
848 - Module, Monitor
851 - Valve, Spring Brake Control
852 - Brake Assembly, Drive Line
909 - Harness, Cab
913 - Valve, Foot Control or Pedal
920 - Valve, Hand Control
923 - Harness, Front End (Wires/Connectors/Term)
932 - Valve, Front Wheel Limiting & Mounting
940 - Harness, PDM Distribution
944 - Valve, Quick Release
955 - Pully
990 - Wiring

GROUP 05 - STEERING

018 - Arm, Pitman
069 - Link, Drag
164 - Column Assy. & Mounting, Steering
167 - Wheel Mechanism, Tilt Steering
206 - Couplings/U-Joint, Steering Shaft
252 - Wheel, Steering
311 - Gear Assembly, Steering
314 - Gasket, Power Steering Pump Mounting
316 - Wheel Mechanism, Telescoping Steering
370 - Bracket/Mounting, Steering Gear
555 - Cylinder Assembly & Valves
653 - Cooler Assembly, Oil 701 - Pump Assembly
757 - Reservoir Assembly 818 - Valve, Control
955 - Pulley

GROUP 06 - PROP SHAFT

101 - Bearing
165 - Mounting, Bearing
391 - Joint, Universal
475 - Boot / Clamp, Slip Joint
478 - Shaft
703 - Yoke/Spline

GROUP 07 - EXHAUST

107 - Assembly, Basic
143 - Bracket/Support, Mounting
426 - Guard / Heat Shield
533 - Tail Pipe, Exhaust Gas Cooler
551 - Pipe, Crossover
576 - Pipe & Flange, Exhaust
615 - Pipe/Stack, Tail
775 - Cap, Stack
824 - Pipe, Flex

GROUP 08 - ELECTRICAL

005 - Knob
018 - Alternator Assembly 038 - Multiplex Signal Module (MSM)
041 - Telematics Control Module (TCM)
049 - Switch, SOS
059 - Regulator, Voltage
63 - Solenoid Base, Pneumatic Accessory
065 - Solenoid Unit, Pneumatic Accessory
073 - Amplifier, Pyrometer
074 - Gauge, Voltmeter
076 - Gauge, Fuel Level
088 - Gauge, Oil Pressure (Electrical)
097 - Gauge, Coolant Temperature (Electrical)
099 - Gauge, Ammeter
109 - Gauge, Engine Oil Temperature
110 - Gauge, Pyrometer
111 - Gauge, Rear Axle Oil Temperature
116 - Gauge, Speedometer (Electrical)
117 - Gauge, Tachometer (Electrical)
118 - Gauge, Transmission Oil Temperature

124 - Sender, Fuel Level
127 - Tachometer/Trip Recorder (Elec Driven)
155 - Sender, Pyrometer
156 - Sender, Rear Axle Oil Temperature
159 - Sender, Transmission Oil Temperature
202 - Motor, Starter
217 - Solenoid, Starter Motor
221 - Bezel/Cover Plate
223 - Circuit Board
224 - Switch, Speedometer / Tachometer Dip (Reprogramming Only)
225 - Panel, Circuit Breaker/Relay/Fuse
226 - Mounting, Circuit Breaker/Relay/Fuse Panel
251 - Harness, Coiled Ribbon (Clock Spring)
266 - Switch, Clutch
269 - Module, Coolant Probe
270 - Probe, Coolant Level
284 - Antenna and Lead-In
347 - Mounting
372 - Module, Pyrometer
373 - Module, Ammeter
374 - Circuit Housing, Speedometer / Tachometer
375 - Sender, Air Pressure
388 - Lamp Assembly
401 - Clean Power Cable (Battery To Cab)
404 - Flasher
405 - Beeper, Hydraulic Brake Warning
407 - Alarm, High Water Temp/Low Oil Press.
408 - Beeper, Low Air Pressure
418 - Regulator & Motor Assembly
424 - Hourmeter
430 - Odometer
487 - Horn Assembly
499 - Contact Ring/Button, Horn
508 - Monitor, Driver Display Unit
510 - Sensor, Radar Side/Front
511 - Camera, Forward Looking
512 - Display, Side Sensor
514 - Sensor, Turn Assembly
516 - Magnet, Turn Sensor Assembly
518 - Harness, Side Sensor
585 - Automatic Headlight Sensor
586 - Antenna, Tire Pressure Monitor
587 - Brake Stroke Chamber W/Sensor
588 - Display, Vehicle Information
589 - Fuel Filter Restriction Globe W/Sensor
595 - Module/Controller, Tire Pressure Monitor
596 - Module, Vehicle Sensor
598 - Batteries, Jumper Cable
599 - Sensor, Brake Pad Wear
601 - Wheel Module, Tire Pressure Monitor
607 - Switch, Air Horn
608 - Clock
609 - Switch, Cruise On/Off
618 - Switch, Cruise Set/Reset

620 - Switch, Engine Brake On/Off
621 - Switch, Headlight Interrupt
623 - Switch, Marker Interrupt
624 - Switch, Radio
628 - Switch, Transmission Mode
629 - Switch, Transmission Shift
637 - Alarm, Back-Up
705 - Solenoid, Air 718 - Solenoid
743 - Clean Power Cable (Batt to Engine Connect
745 - Daytime Running Light Switch
758 - Central Processing Unit (CPU)
783 - Compass, Electronic
784 - Thermometer, Electronic
797 - Clean Power Cable (Batt to Transmission)
811 - Relay/Magnetic Switch
815 - Switch, Key/Ignition
821 - Switch, Push Button Starter
828 - Switch, Dimmer
835 - Switch, Back-Up Light
840 - Switch, Neutral Start
848 - Module Monitor
850 - Switch, Low Oil Pressure
854 - Controller, Esc
863 - Switch, Stoplight (Air)
864 - Switch, Stoplight (Hydraulic)
865 - Switch, High Water Temperature
870 - Switch, Low Air Pressure
871 - Switch, Low Coolant Level
872 - Switch, Parking Brake
884 - Switch, Headlight
885 - Switch, Marker/Interrupt
886 - Switch, Turn Signal
887 - Programming
907 - Actuator, Switch Pack
908 - Switch Pack (Base)
909 - Harness, Cab Wires Conn's & Terminals
923 - Harness, Front End (Wires, Connectors And
Terminals)
940 - Harness, PDM Distribution
955 - Pulley
996 - Monitor, Battery Run Down Protection

GROUP 09 - COOLING

12 - Solenoid Valves
022 - Core
026 - Shutter Assembly
047 - Hose/Pipe, Radiator
64 - Tank & Neck, Radiator
083 - Shroud Clamp
85 - Shroud Mounting Bracket
091 - Shroud, Engine Mounted
108 - Cylinder Assembly, Actuating
123 - Mounting, Radiator
136 - Motor
142 - Rod Assembly, Control
176 - Shroud

197 - Shutterstat
210 - Glass, Sight
211 - Tank & Mounting, Surge
222 - Solenoid
240 - Motor / Pump
427 - Bottle and Hose, Coolant Recovery
504 - Fan Module
616 - Cooler, In Tank Oil
701 - Pump Assembly
740 - Blade Assembly, Fan
755 - Electronic Fan Controller
756 - Hydraulic Fluid Reservoir
767 - Oil Cooler (Oil-To-Air)
811 - Relay/Magnetic Switch
852 - Pipe, Charge Air Cooler
865 - Switch, Temperature
909 - Harness, Cab (Wires/Connectors/Term)
925 - Charge Air Cooler, Chassis Mounted
940 - Harness, PDM Distribution

GROUP 10 - INSTRUMENTS

053 - Head Assembly

GROUP 11 - CLUTCH

059 - Bearing and Sleeve Assembly, Release
101 - Cylinder, Master
133 - Cylinder, Slave
292 - Fork and Cross Shaft, Clutch Release
349 - Lever Assembly, Relay
403 - External Linkage
440 - Self Adjusting Mechanism
462 - Pedal
639 - Intermediate Plat
862 - Plate Assembly, Pressure

GROUP 12 - ENGINE

222 - Solenoid
740 - Blade Assembly, Fan
744 - Fan Drive, Viscous
746 - Fan Drive, On/Off
748 - Control, Fan Clutch
750 - Pulley, Fan
802 - Sart Module
811 - Relay/Magnetic Switch
814 - Pedal Assembly, Accelerator
828 - Front Mount/Bolt
836 - Rear Mount/Bolt
865 - Switch, Temperature
905 - Bracket, Air Compressor Mtg.
909 - Harness, Cab (Wires/Connectors/Term)
911 - Bracket, Alternator Mtg.
914 - Bracket, Refrigerant Compressor Mounting
919 - Bracket, Power Steering Pump Mounting
930 - Coupling, Accessory Drive
938 - Gear, Power Steering Pump Driver
946 - Tensioner, Belt

955 - Pulley/Idler/Bearing

GROUP 13 – TRANSMISSION

005- Knob
107 - Breather
114 – Case, Housing-main
115- Housing, rear
125 - Flange, Companion
138 - Block, Resistor
139 - Housing, Bell
146 - Plug (fill & drain)
153 - Plug, expansion
155- Sensor, oil level/temperature (tol/tot)
173 - Sensor, vehicle speed (vss)
178- Sensor, shaft counter speed
179- Sensor, position
191 - Retainer, Bearing
205 - Bearing
210- Brake, counter shaft
228- Brake, main shaft
230- Shaft, input
231- Brake, input shaft
260 - Ring, lock
274 - Washer, thrust
313 - Detent Poppet Ball & Spring
333- Planetary assembly
334- Value, asm. planetary
352 - Hose/pipe
353 - Fitting
379 - Shift rail & fork
380 - Circuit breaker
400 - Gears, mainshaft
402 - Gears, countershaft
492 - Synchronizer
521 - Countershaft
573 - Mainshaft
616 - Cooler, Oil (Oil-To-Air)
617- Cooler, oil (oil-to-coolant) transmission mounted
676 - Fittings, oil cooler line
677 - Line, Oil Cooler
695 - DIP STICK ASSEMBLY
736 - Cylinder, air shift
769 - LEVER, SHIFT
785 - Linkage/Cable, Remote Shift Control
795- Planetary valve body (air) & connector
796 - Valve, slave (air shift)
798- Pneumatic shift actuator (mac) asm.
801 - Module, electronic control (ecm)
807 - Module, vehicle personality (vpm)
811 - Switch, relay/magnetic
825 - Switch, On/Off
839 - Switch, Brake
866 – Mounting
875 - Gasket
909 - Harness, Cab (Wires, Connectors & Term)

921 - Harness, other (wires, connectors and terminals)

940 - Harness, pdm distribution
960 - Electronic control unit
961 - Mechanical shift controls
962 - Electronic shift controls
964 - Module, control transfer case
971 - Retarder & controls

GROUP 14 - REAR AXLE

13 - Adjuster, Slack
016 - Arm, Steering
068 - Spring, Lift
135 - Flange/Yoke, Comp
147 - Carrier
170 - Housing, Axle
203 - Air Bag Assembly
216 - Stud
231 - Chamber
265 – Control (Air Suspension Control)
323 - Hanger and Crossmember Assembly
357 - Bearings, Internal (Axle Carrier)
376 - Gears, Bushings & Cross, Differential
395 – Differential, Limited Slip
424 - Bolt, Ring Gear
441 – Wheel End Gearboxes
448 - Gears, Helical
472 - Gears, Planetary
496 - Gears, Ring & Pinion
590 – Shaft, Helical Drive Gear
606 - Clutch, Sliding
619 - Control, Air Shift
630 - Cylinder, Air Shift
654 - Fork, Shift
679 - Motor, Air Shift
707 - Bearing/Ret, P.D.
713 - Pump, Oil
719 - Case, P.D. Diff.
730 - Gears/Bushing & Cross Power Divider
747 - Tank, Air or Vacuum
969 - Knuckle, Steerable
970 - King Pin, Knuckle

GROUP 15 - FUEL SYSTEM

11 - Cap/Scoop, Air Inlet
14 - Box/Water Separator, Air Inlet
026 - Pipe, Air Inlet
029 - Control System, Air Inlet Temperature
142 - Pre-Heater Element
143 - Valve, Drain
144 - Valve, Check
145 - Cap, Vent
146 - Pump, Primer
147 - Collar
148 - Body
177 - Filler Neck/Cap & Gasket

196 - Sensor, Water in Fuel
216 - Bracket, Stack Mounting
263 - Air Intake Grill
479 - Finish (Metal)
500 - Bracket & Bolts, Mounting
637 - Tank Body
787 - Tube, Fuel Outlet
857 - Indicator, Air Restriction
890 - Transfer Pump, Electric (Tank to Tank)
892 - Valve/Control, Fuel Tank
909 - Harness, Cab Wires Conn's & Terminals
976 - Vent, Air
988 - Guard, Crash

GROUP 16- CAB

006 - Stop, Hood
018 - Bezel, Head or Tail Lamp
027 - Step, Cab
053 - Cable, Hood
071 - Channel, Glass Run 078 - Remote Control/Cable, Door
86 - Crossmember, Cab Mounting
102 - Cab Tilt Lock Mechanism
103 - Cab Tilt Hinge Mechanism
104 - Cowl/Firewall/SC or FC Platform
121 - Suspension, Sleeper Bunk
122 - Cylinder, Lift
123 - Latch Assembly
129 - Cabinets
130 - Door
131 - Window, Sleeper
135 - Cylinder, Lift
139 - Door Assembly, Radiator Access
146 - Shade, Sun
248 - Grille Assembly
264 - Handle, Grab
265 - Handle, Hood
282 - Hinge
291 - Hinge, Hood/Engine Access Door Hatch
295 - Hood Guides
300 - Bunk Occupant Restraint Strap/Tent
301 - Cowl Tray
309 - Hood
329 - Insulation
330 - Shield, Sound
336 - Insulation, Engine Compartment
345 - Latch & Exterior Handle
362 - Latch, Hood
368 - Latch, Doghouse Panel/Engine
398 - Map Pocket, Passenger Door
409 - Air Intake Baffle/Water Sep. Baffle
421 - Mirror, Spot
423 - Mirror, Exterior (Basic)
433 - Mirror, Interior
459 - Mounting, Front Cab
463 - Mounting, Intermediate Body

468 - Mounting
546 - Panel, Back
555 - Doghouse Panel/Engine Cover
567 - Panel, Floor
568 - Panel, Halo
569 - Panel, Engine Surround
584 - Panel, Instrument
611 - Panel, Splash
619 - Panel / Skin
625 - Rivet/Fastener
627 - Weld
637 - Structure
666 - Regulator & Handle, Window
675 - Arm Rest
684 - Roof
721 - Spring/Shock Absorber & Mounting, Cab
739 - Stop Assembly, Door
748 - Sub-Frame
799 - Console
802 - Manifest Box/Door Pouch
804 - Trim, Interior
805 - Trim, Bunk
806 - Mirror, Interior
807 - Under Bunk Lift Assist Shock
811 - Relay/Magnetic Switch (Electric Mirror)
825 - Switch, Electric Mirror
833 - Valve, Control
844 - Ventilator
855 - Visor, Sun
877 - Vent Window & Seal
896 - Trim, Hood
909 - Harness, Cab (Wires/Connectors/Term)
926 - Shor Power Connection
928 - Door, Hood / Engine Access
929 - Hinge / Bracket, Front Hood Mounting
934 - Reinforcement, Hood
935 - Torsion Bar, Hood Assist
936 - Latch, Engine Access Door
958 - Bracket, Sun Shade Mounting
972 - Panel, Rear Trim
973 - Panel, Door Trim - Driver Side
974 - Panel, Door Trim - Passenger Side
975 - Holder, Cup
991 - Motor, Mirror
992 - Heater, Mirror
994 - Bracket, Mirror

GROUP 17 - WHEELS

031 - Disc Wheel
87 - Hub (Disc Wheel)
108 - Rim (Demountable)
386 - Spoke Wheel

GROUP 18 – SCR AFTERTREATMENT

45 - Hose, Pump to Tank Supply / Suction
46 - Hose, Pump to Tank Return

47 - Hose, Pump to Doser / Injector
124 - Sensor Assembly, Def Tank
177 - Cap, Filler Tank
180 - Cover, Supply Module
181 - Heater, Tank
350 - Hose, Tee to Doser
351 - Hose, Doser To Tee
500 - Bracket/Strap, Def Tank
501 - Bracket, Supply Module Pump
502 - Bracket, ACM
565 - Wiring, (Sensor)
637 - Tank, Diesel Exhaust Fluid
787 - Pickup, Tank
793 - Tank Def, Coolant Flow Valve
801 - Module, PDM
906 - Wiring, ACM
907 - Wiring, Supply Module
908 - Wiring, Heated Line
909 - Wiring, Head Unit

GROUP 19 - ACCESSORIES

001 - Fan, Defroster
15 - Clutch, Compressor
028 - Compressor/Reciprocating
029 - Compressor/Rotary
043 - Condenser
045 - Linkage, Wiper
070 - Switch, Radiator Fan/Shutter Override
076 - Core (Heater)
094 - Evaporator
100 - Meter Assembly, Engine
105 - Wheel, Blower
138 - Block, Resistor
149 - Accumulator/Dryer
182 - Valve, Expansion
183 - Valve, Rear Expansion
187 - Ducting, Air Cond/Heater/Defroster
197 - Horn Assembly
214 - Valve, Control
251 - Harness, Coiled Ribbon (Clock Spring)
310 - A/C O Ring
317 - Schrader Valve, Low Side
318 - Schrader Valve, High Side
325 - Solenoid, Pneumatic
327 - Switch, Air Horns
331 - Electric Air Compressor, Seat
343 - Shock, Seat
344 - Adjuster Assembly, Seat
351 - Frame, Seat
353 - Fitting
354 - Control, Air Seat
355 - Mounting/Housing (Main Case)
363 - Bag, Air
381 - Retractor, Seat Belt
386 - Belt, Seat

411 - Plate, Fifth Wheel
417 - Control, Fifth Wheel
435 - Heater Assembly, Engine
436 - Socket, Engine Heater
443 - Back-Up Camera
472 - Reservoir
506 - Lock Cylinder, Fifth Wheel
632 - HVAC Hose, Under Cab to Rear
675 - Rest, Arm
708 - Module, Blower Speed LPM
709 - Module, HVAC Control
733 - Actuator, Motor/Door - Blend Air
734 - Actuator, Motor / Door - Fresh Air
735 - Actuator, Motor/Door - Air Distribution
763 - Sensor, Refrigerant Pressure
764 - Thermistor, Inlet
765 - Thermistor, Outlet
807 - Module, Vehicle Personality (VPM)
825 - Switch
826 - Switch, Bunk-On/Off
827 - Switch Bunk-Temperature Control
830 - Switch, Intermittent
837 - Switch, Clutch
838 - Switch, Set-Resume
849 - Module, Diagnostic - APADS
880 - Switch, Pressure-Low
881 - Switch, Pressure-High
882 - Switch, Thermostatic
885 - Freeze Sensor
909 - Harness, Cab (Wires, Connectors and Terminals)
923 - Harness, Front End (Wires/Connectors/Term)

GROUP 22 - GENESIS BODY - COMP

001 - Fan, Defroster
040 - Bows
042 - Cowl, Front
044 - Frame, Rear
046 - Rails, Drip
048 - Rails, Seat
050 - Spacers, Bow
052 - Steps
055 - Bumper, Front
056 - Bumper, Rear
060 - Header, Entrance Door
061 - Frame, Entrance Door
062 - Drivers Seat Sub-Frame (K Frame)
63 - Frame, Side Emergency Door
64 - Frame, Rear Emergency Door
65 - Frame, Lift Door
66 - Frame, Body to Cab Floor
067 - Frame, Body to Cab Roof
068 - Frame, Davenport
080 - Bars, Light
082 - Bumpers, Header
084 - Caps, Inside

086 - Insulation	330 - Tiedown Bolts, Plates, J- Bolts, U-Bolts
088 - Lining, Lower	332 - Wheel pocket Assy.
090 - Lining, Overhead	339 - Transition Panel / Cowl Filler Panel
092 - Racks, Luggage	340 - Doors, Engine Service
094 - Rails Grab	350 - Cross View Mirror
096 - Rails, Shoulder	360 - Cover, Wheel-Pocket
098 - Rails, Standee	364 - Moulding, Cove
100 - Reduction, Noise	366 - Treads, Step
120 - Bracket, License Plate	369 - Wig-Wag
122 - Caps, Outside	389 - Child Check Mate
124 - Caps, Post	402 - Window, Driver's
126 - Door, Fuel	410 - Window, Emergency Exit
128 - Handles, Access	416 - Window, Split Sash
129 - Front Fiberglass Panel	423 - Thermistor, Inlet
130 - Panels, Rear Inside Window	425 - Switch, Radiator Fan / Shutter Override
131 - Front Sheet Metal	426 - Window, Split Storm
134 - Rails, Rub	427 - Switch, Pressure - Low
136 - Rails, Snow	429 - Clutch, Compressor
138 - Sheets, Side	430 - A/C Compressor, Rotary
140 - Skins, Rear Outside	431 - Ducting, Air Conditioner
141 - Hatch, Roof	432 - Wheel, Blower
142 - Skirts	433 - Hose, A/C
146 - Roof Panels(Topping)	434 - O-Ring, A/C
148 - Door, Engine	435 - Schrader Valve, Low Side
151 - Door, W/S Wiper	436 - Sensor, Refrigerant Pressure
152 - Grille	437 - Switch
200 - Electrical Access Compartment	438 - Accumulator / Dryer
204 - Battery, Compartment	439 - Switch, Pressure - High
208 - Spare Tire Compartment	440 - Heater, Under Seat
212 - Luggage Compartment	441 - Harness, (Wires, Connectors, & Terminals) 442
214 - Safety Compartment	- Heater, Rear
216 - Destination Sign Compartment	444 - Covers/Trim, Hose
218 - Tool Compartment	445 - Control Cable
239 - Controls Air	446 - Driver's Heater
240 - Boxes, Buzzer	447 - Core, Heater
241 - Controls Electric	449 - Motors, Heater
243 - Controls, Manual	450 - Stepwell Heater
244 - Devices, Hold Bac	451 - Pump, Booster Heater
246 - Doors, Entrance	453 - Condenser
248 - Doors, Lift - Single / Double	454 - Fan, Condenser
250 - Doors, Emer. Rear	455 - Evaporator
252 - Doors, Emer. Side	456 - Defroster Duct
254 - Handles, Door	457 - Valve, Expansion
256 - Hinges	459 - Fitting / Pipe (A/C)
258 - Locks, Door	460 - Harness, Front End
262 - Vandalocks	462 - Relay / Magnetic Switch
275 - Light, Step	463 - Schrader Valve, High Side
281 - Electric Panel	464 - Harness, Flasher Plate
283 - Fuse Panel	465 - Harness, LH Switch Panel
284 - Horns	466 - Harness, Rh Switch Panel
294 - Speakers	467 - Harness, Over Head Switch Panel
296 - Switches	468 - Valve, Water (Dash Mounted A/C Heater Unit
297 - Radio	469 - Harness, Front Cap
298 - Antenna	470 - Harness, Rear Cap
322 - Panels, Floor	471 - Harness, Power Distribution (On Flasher Plate)
326 - Sills, Floor	472 - Switch, Thermostatic

474 - Thermistor, Outlet	542 - Marker Light
475 - Tube, Drain	544 - Red Light 546 - Stop Light
476 - Tube, Orifice	548 - Stop/Tail Light 550 - Strobe Light 554 -
478 - Motor	Warning Light
479 - A/C Electric Control Panel	556 - Lift Door Light, Interior 558 - Lift Door Light,
480 - Panels, Modesty 484 - Restraints, Lap 488 -	Exterior 560 - Cowl Mount Mirror
Stanchions	562 - Fender Mount Mirror / Rear View
493 - Harness, Left Hand Body	564 - Heated Mirror
494 - Harness, Right Hand Body	566 - Inside Rear View Mirror 568 - Spy Mirror
495 - Harness, Flasher to Cowl 498 - Harness, Body	640 - Alarms, Backing 662 - Sign, Designation 682 -
Options External (Engine)	Crash Barrier Frame 684 - Belts, Seat
499 - Microphone 501 - Harness, Dash 520 - Back-	692 - Passenger Seat Frame 694 - Shields, Courtesy
Up Light	697 - Flip Seat Frame
524 - Instrument Cluster Light 526 - Directional	720 - Stop Arm
Light	726 - Gates, Crossing 740 - Motor, Stop Arm
528 - Directional, Side Light Assembly	742 - Motor, Stop Arm Module 762 - Static Vent
534 - Fog Light 536 - Headlights	810 - Motor, Drive 812 - Washer
540 - License Plate Light, Assembly	

WHAT IS NOT COVERED**Components / Items:**

- Correction of loose fasteners, squeaks, rattles and unusual noises.
- Adjustments (e.g., headlights, brake/clutch adjustments, steering system adjustments, coolant levels).
- Items warranted by their respective manufacturers (e.g., non-Navistar brand engines, tires & tubes, Allison Transmissions, clutch, batteries, radios, lubricants, etc).
- Any part that is not a Navistar part number.
- Unauthorized parts other than Navistar service parts or ReNEWed® parts.
- Bodies, equipment and accessories installed by other than authorized Navistar employees at Navistar manufacturing plants.
- Front and rear axle alignment.
- Engine, Engine Electronics, Injectors, Turbocharger.
- Hybrid Electric Components (except Hybrid/Electric Drive Cooling).

Repairs:

- Maintenance-related items/ repairs or those as a result of normal wear and tear, including tune-ups, brake/clutch lining, clutch brake, windshield wiper blades, windshield wiper nozzles, gaskets, belts, seals, tire balancing, lubrication, batteries and other similar procedures/parts required to keep vehicle in good working condition. Such maintenance items or repairs include, but are not limited to oil changes, oil filters, air filters, desiccant cartridge, fuel filters, tire rotation, cleaning/polishing, engine tune-up, adding oils, tightening of air intake and coolant clamps, ash tray, cigarette lighter element, fire extinguishers, fluorescent ballast and tubes, fuses, gladhand and gladhand rubbers, trailer hoses, hose tenders, trailer electrical cables, light bulbs, mattress, mud flaps, mud flap mounting bracket.
- Repairs to any part of the vehicle subjected to misuse, negligence, improper maintenance, improper operation, or which is the result of an accident.
- Fades, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes, improper polishes, cleaners or washing solutions, or chemical and industrial fallout.
- No coverage will be granted if Power Train, Propshaft and Suspension sales guidelines (specifications) are not strictly adhered to by all owners and operators of this vehicle.
- Accidents, acts of nature or other events beyond control of Navistar.
- Any single repair requiring less than \$40.00 parts and labor to complete.

Other:

- Vehicles sold and/or operated outside the United States or Canada.
- Vehicles/components which have had unauthorized alterations or modifications.
- Vehicles on which the odometer reading has been altered.

- Incidental or consequential costs or expenses which the owner may incur as a result of a malfunction or failure covered by this warranty, such as vehicle damage, communication expenses, meals, lodging, overtime, loss of use of engine or vehicle ("downtime"), loss of time, inconvenience, cargo loss or damage, and other similar costs and expenses.
- Replacement of defective parts, which were, not authorized Navistar equipment when first installed.
- Towing, unless additionally purchased.

OBTAINING SERVICE

To obtain service under this Service Contract, return this vehicle to any Navistar truck dealer authorized to service this model vehicle and engine. To locate an authorized dealer near you, please call the Navistar Customer Service Center at 800-44-TRUCK (800-448-7825).

DISCLAIMER

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER. No person is authorized to give any other warranties or to assume any liabilities on the company's behalf unless made or assumed in writing by the Company; and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Navistar, Inc., except in Canada where it is Navistar Canada, Inc.

Cummins Warranty

All Engines United States And Canada School Bus

Coverage

Products Warranted

This Warranty applies to new diesel, LPG, compressed or liquid natural gas fueled Engines sold by Cummins Inc. or Cummins Westport and delivered to the first user on or after September 15, 1996, that are used in school bus* applications in the United States** or Canada.

Base Engine Warranty

The Base Engine Warranty covers any failures of the Engine which result, under normal use and service, from a defect in material or factory workmanship (Warrantable Failure). This Coverage begins with the sale of the Engine by Cummins and continues for five years or 100,000 miles (160,934 kilometers), whichever occurs first, from the date of delivery of the Engine to the first user.

Engine aftertreatment components included in the Cummins Critical Parts List (CPL) and marked with a Cummins part number are covered under Base Engine Warranty.

Extended Major Components Warranty

The Extended Major Components Warranty applies to all except ISV, ISB6.7 G, B and ISB Series Engines and covers Warrantable Failures of the Engine cylinder block, camshaft, crankshaft and connecting rods (Covered Parts).

Bushing and bearing failures are not covered.

This Coverage begins with the expiration of the Base Engine Warranty and ends three years or 300,000 miles (482,804 kilometers), whichever occurs first, from the date of delivery of the Engine to the first user.

Emission Warranty

Additional Coverage is outlined under the Emission Warranty.

THESE WARRANTIES ARE MADE TO ALL OWNERS IN THE CHAIN OF DISTRIBUTION AND COVERAGE CONTINUES TO ALL SUBSEQUENT OWNERS UNTIL THE END OF THE PERIODS OF COVERAGE.

Cummins Responsibilities

During The Base Engine Warranty

Cummins will pay for all parts and labor needed to repair the damage to the Engine resulting from a Warrantable Failure.

Cummins will pay for the lubricating oil, antifreeze, filter elements, belts, hoses and other maintenance items that are not reusable due to the Warrantable Failure.

Cummins will pay for reasonable labor costs for Engine removal and reinstallation when necessary to repair a Warrantable Failure.

Cummins will pay reasonable costs for towing a vehicle disabled by a Warrantable Failure to the nearest

authorized repair location when necessary to make the repair for the first 2 years from the date of delivery of the Engine to the first user. In lieu of towing expenses, Cummins will pay reasonable costs for mechanics to travel to and from the location of the vehicle, including meals, mileage and lodging, when the repair is performed at the site of the failure.

During The Extended Major Components Warranty

Cummins will pay for the repair or, at its option, replacement of the defective Covered Part and any Covered Part damaged by a Warrantable Failure of the defective Covered Part.

Owner Responsibilities

During The Base Engine Warranty

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items provided during Warranty repairs unless such items are not reusable due to the Warrantable Failure.

During The Extended Major Components Warranty

Owner is responsible for the cost of all labor needed to repair the Engine, including the labor to remove and reinstall the Engine. When Cummins elects to repair a part instead of replacing it, Owner is not responsible for the labor needed to repair the part.

Owner is responsible for the cost of all parts required for the repair except for the defective Covered Part and any Covered Part damaged by a Warrantable Failure of the defective Covered Part.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items replaced during the repair.

During The Base Engine And Extended Major Components Warranties

Owner is responsible for the operation and maintenance of the Engine as specified in the applicable Cummins Operation and Maintenance Manual. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of the applicable Warranty, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Warrantable Failure and make the Engine available for repair by such facility. Except for Engines disabled by a Warrantable Failure during the first two years from the date of delivery of the Engine to the first user, Owner must also deliver the Engine to the repair facility.

Service locations are listed on the Cummins Worldwide Service Locator at cummins.com.

Owner is responsible for communication expenses, meals, lodging and similar costs incurred as a result of a Warrantable Failure.

Owner is responsible for non-Engine repairs and for "downtime" expenses, passenger delays, fines, all applicable taxes, all business costs and other losses resulting from a Warrantable Failure.

Limitations

Engines with an emissions certification listed below must be operated using only diesel fuel having no more than the corresponding maximum sulfur content. Failure to use the specified fuel as listed in the Cummins Fuel Bulletin #3379001 Table 1 (Cummins Inc. Required Diesel Fuel Specifications) can damage the Engine and aftertreatment system within a short period of time. This damage could cause the Engine to become inoperable and failures attributable to the use of incorrect fuels will be denied Warranty Coverage. Fuel specifications also need to comply with local fuel regulations (EN590 for Europe and ASTM D975 for North America) for Warranty eligibility.

Maximum sulfur levels by emissions certification level as listed on the Engine's dataplate are:

EPA 2007/2010/2013/2017/2021	max. 15 parts per million
EPA Tier 4 Interim / Final / Stage V in North America	max. 15 parts per million
EU Stage IIIB 2011	max. 15 parts per million
EU Stage IV 2011	max. 15 parts per million
EU Stage V	max. 10 parts per million
Euro 4/5	max. 50 parts per million
Euro 6	max. 10 parts per million

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine.

Any unauthorized modifications to the aftertreatment system could negatively affect emissions certification and void the Warranty.

Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel exhaust fluid.

Alternators and starters are covered for the first two years from the date of delivery of the Engine to the first user, or the expiration of the Base Engine Warranty, whichever occurs first.

Excessive oil consumption for ISV and B Series Engines is covered for the duration of the Coverage. Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that consumption exceeds Cummins published standards.

Failures of belts and hoses supplied by Cummins are not covered beyond the first year from the date of delivery of the Engine to the first user or the expiration of the applicable Base Engine Warranty, whichever occurs first.

Parts used to repair a Warrantable Failure may be new Cummins parts, Cummins approved rebuilt parts or repaired parts. Cummins is not responsible for failures resulting from the use of parts not approved by Cummins.

A new Cummins or Cummins approved rebuilt part used to repair a Warrantable Failure assumes the identity of the part it replaced and is entitled to the remaining Coverage hereunder.

Cummins, Inc. reserves the right to interrogate Electronic Control Module (ECM) data for purposes of failure analysis.

CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THESE WARRANTIES AND THE EMISSION WARRANTY SET FORTH HEREINAFTER ARE THE SOLE WARRANTIES MADE BY CUMMINS IN REGARD TO THESE ENGINES. CUMMINS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Emission Warranty

Products Warranted

This Emission Warranty applies to new Engines marketed by Cummins that are used in the United States** or Canada in vehicles designed for transporting persons or property on a street or highway. This Warranty applies to Engines delivered to the ultimate purchaser on or after January 1, 1996.

Coverage

Cummins warrants to the ultimate purchaser and each subsequent purchaser that the Engine is designed, built and equipped so as to conform at the time of sale by Cummins with all U.S. federal emission regulations applicable at the time of manufacture and that it is free from defects in material or factory workmanship which would cause it not to meet these regulations within the longer of the following periods: (A) Five years or 100,000 miles (160,934 kilometers) of operation, whichever occurs first, as measured from the date of delivery of the Engine to the ultimate purchaser, or (B) The Base Engine Warranty.

If the vehicle in which the Engine is installed is registered in the state of California, a separate California Emission Warranty also applies.

Limitations

Engines with an emissions certification listed below must be operated using only diesel fuel having no more than the corresponding maximum sulfur content. Failure to use the specified fuel as listed in the Cummins Fuel Bulletin #3379001 Table 1 (Cummins Inc. Required Diesel Fuel Specifications) can damage the engine and aftertreatment system within a short period of time. This damage could cause the engine to become inoperable and failures attributable to the use of incorrect fuels will be denied Warranty Coverage. Fuel specifications also need to comply with local fuel regulations (EN590 for Europe and ASTM D975 for North America) for Warranty eligibility.

Maximum sulfur levels by emissions certification level as listed on the Engine's dataplate are:

EPA 2007/2010/2013/2017/2021	max. 15 parts per million
EPA Tier 4 Interim / Final / Stage V in North America	max. 15 parts per million
EU Stage IIIB 2011	max. 15 parts per million
EU Stage IV 2011	max. 15 parts per million
EU Stage V	max. 10 parts per million
Euro 4/5	max. 50 parts per million
Euro 6	max. 10 parts per million

Failures, other than those resulting from defects in material or factory workmanship, are not covered by this Warranty.

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine.

Any unauthorized modifications to the aftertreatment system could negatively affect emissions certification and void the Warranty.

Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel exhaust fluid.

Cummins is not responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs or other losses resulting from a Warrantable Failure.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

* A vehicle used to transport students to and from school. Vehicle must be painted yellow, should have warning lights and the words 'SCHOOL BUS' written on the front

and rear roof caps. The requirements pertaining to paint color, warning lights and 'SCHOOL BUS' inscription would not apply if the vehicle is exclusively used to transport students for school related activities and it is owned by a school district.

** United States includes American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico and the U.S. Virgin Islands.



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Columbus, IN 47202-3005
U.S.A.

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IC Bus Servicing Dealers

International Dealer	Address	Phone
Border International Trucks El Paso	12283 Rojas Dr, El Paso, TX 79936	(915) 858-4644
Graham International Inc Sherman	5800 Texoma Pkwy, Sherman, TX 75090	(903) 892-2122
Graham International, Inc. Paris	2945 NE Loop 286, Paris, TX 75460	(903) 784-6683
Holt Truck Center - Houston	14201 Hempstead Rd, Houston, TX 77040	(713) 690-1700
Holt Truck Center - Houston	8900 N Loop E Fwy, Houston, TX 77029	(713) 674-3444
Holt Truck Center - Edinburg	1320 S. 25th Avenue, Edinburg, TX, 78542	(956) 289-7600
Holt Truck Center - Victoria	2605 Port Lavaca Dr, Victoria, TX 77901	(361) 575-1481
Holt Truck Centers - Austin North	16336 N. Interstate 35, Austin, TX 78728	(512) 813-6868
Holt Truck Centers - Austin South	5010 Burleson Rd, Austin, TX 78744	(512) 389-1111
M & R Fleet Services	2465 W Cardinal Dr, Beaumont, TX 77705, USA	(409) 617-0975
Holt Truck Centers - Bryan	4050 Hwy 21 East, Bryan, TX 77808	(979) 778-7481
Holt Truck Centers - Temple	6043 N General Bruce Dr., Temple, TX 76501	(254) 778-3648
Holt Trucks Centers - San Antonio	1380 Ackerman Rd, San Antonio, TX 78219	(210) 661-8371
Longhorn Bus Sales	9100 N Loop E Fwy, Houston, TX 77029	(713) 631-9306
Holt Truck Centers - Longview	3016 S Eastman Rd, Longview, TX 75602	(903) 758-3351
Roberts Truck Center - Amarillo	4378 Canyon Dr, Amarillo, TX 79109	(806) 355-9771
Roberts Truck Center - Lubbock	4510 Avenue A, Lubbock, TX 79404	(806) 763-8213
Roberts Truck Center - Midland	10101 I-20 Frontage, Midland, TX 79706	(432) 697-2241
Roberts Truck Center - San Angelo	617 N Bell St, San Angelo, TX 76903	(325) 655-7187
Roberts Truck Center - Tye	550 S Access Rd, Tye, TX 79563	(325) 677-3393
Rotex Truck Center - Laredo	11802 Sara Rd, Laredo, TX 78045	(956) 722-1250
Southwest International Trucks Arlington	2401 E Pioneer Pkwy, Arlington, TX 76010	(817) 664-2900
Southwest International Trucks Fort Worth	617 North Fwy, Fort Worth, TX 76102	(817) 336-4651
Southwest International Trucks McKinney	2105 N Central Expy, McKinney, TX 75070	(972) 629-3600
Southwest International Trucks Waco	3920 N Interstate 35 Frontage Rd South, Waco, TX 76706	(254) 340-6700
Southwest International Trucks, Inc.	3722 Irving Blvd, Dallas, TX 75247	(214) 689-1400