



TM

A COMMONSENSE SOLUTION

CE

SCHOOL BUS



IC CORPORATION IS A WHOLLY OWNED SUBSIDIARY OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.

A COMMONSENSE APPROACH TO STUDENT TRANSPORTATION.

To make the CE school bus even better than before, we talked to bus drivers, fleet supervisors, school administrators and mechanics. What they wanted was a school bus with commonsense features that make it more functional to operate while costing less to own and maintain.

So we gave it to them.

Responding directly to these practical demands, we created a bus that enriches the owner, excites the driver, delights the maintainer and provides protection to the passenger.

The CE is a bus manufactured with the kind of practical features that make it more functional to operate while costing less to own and maintain. As a result, you get higher uptime. Greater reliability. Easier serviceability. Better visibility and driver ergonomics. Improved economy. Smarter diagnostics. Plus the service and support of the industry's best dealer network.

A commonsense approach is behind every feature of the new CE bus. And to our way of thinking, that's what makes it the ultimate solution for student transportation.







**EARNING
EXTRA CREDIT
WITH DRIVERS.**

A bus driver should be comfortable and in control. We measured 1,500 drivers of all shapes and sizes. We spent hours watching them on the job. Then we arrived at the optimum seat position and placement of pedals, switches and controls – yielding that just-right “feel!”

The CE makes the driver's job easier. One way is by improving driver's field of view with a higher three-piece windshield, overlapping wiper patterns,

raised entrance door, higher driver's side window, larger rear windows and optimally located mirrors. So every child is within easy view of the driver at all times.

Controls for the electric or air door and warning lights are placed on the steering wheel, requiring fewer steps for loading and unloading students.

It all adds up to increased comfort, control and convenience for the driver.



- An exclusive “one-button” stop feature improves ergonomics by significantly reducing the number of driver tasks and movements required for loading/unloading children. Controls for flasher lights and door opener are located on the steering wheel, allowing the driver to keep one hand on the wheel at all times.
- All switches are located within easy reach with no or minimal lean, allowing the driver to maintain an eyes-front view.
- Automotive-style wiper control features five intermediate speeds, two wash modes, more wiper coverage and 25% longer system life. Headlights come on when wipers are engaged, making the bus more visible in inclement weather and helping reduce the number of tasks the driver must perform. Wiper control is conveniently located on the turn signal stalk. Up to 1,300 cu in of driver storage is standard.



For more information, visit www.IC-Corp.com.

Drivers enjoy comfort and convenience with a seat featuring cloth insert and lumbar support, and up to 1,300 cubic inches of storage.

The standard electric door, already the widest entry door in the industry, was made taller for easier entry and egress, and improved driver field of view.

The driver's field of view around the entire vehicle is markedly increased with a higher, wider windshield with no center bar, a lowered console, and enlarged side and door windows.

Overlapping wipers cover a larger windshield surface area, enhancing driver visibility across the entire road during inclement weather. Mirrors are visible through the wiped area of the glass. The system automatically changes to the slowest speed after an extended idle, helping prevent potential windshield scratching.

The Easy Tilt™ hood requires just 15 pounds of effort to open – and with easy-view fluid checks – even the smallest drivers can complete daily checks quickly and easily. Splash guards are integrated with the hood and stay out of the way for easy engine access.

The three-piece hood is less expensive to repair than single-piece hoods. Replaceable grille.

A pre-cleaner built into the hood scrubs air prior to entering the air cleaner.

Metal reinforcement plates for cross-view mirrors offer added durability.

The patented integrated crossing arm motor is protected by mounting within the bumper.

Daytime running lights are standard. Low beams are activated with wipers. High-impact Lexan protects headlights, and bulb replacement is tool-free.



Body design enhancements include a standard 78" roof height, raised rear door windows, updated side/wheelchair lift emergency doors, and refined fit, finish and styling.

Front and rear end caps with recessed-clearance lighting offer greater protection.

16-gauge extra-smooth galvanized steel side sheets and skirts resist corrosion and deliver long-lasting good looks. The frame is assembled with Grade 8 fine-thread bolts.



Better-sealed passenger windows protect against leaks and provide smoother operation. Improved latches and handles offer greater durability.

Durable 12" rear bumper.

Pin-style hidden hinges on the side and rear emergency doors are protected from weather and road damage for longer life.

The electrical system allows the exterior light check to be performed by just one person. It's a standard feature with the CE school bus.

Full-power hydraulic brakes with ABS provide up to 7% shorter stopping distances.

Battery box has slide-out tray with nylon rollers.

The No Student Left Behind™ child check system helps the driver ensure the bus is completely empty at the end of the day.

A wheel cut of up to 50° provides outstanding maneuverability.

Electrical access panel for integrated body and chassis system.

Legendary International® engines deliver unmatched performance, reliability and economy while meeting the latest emissions standards. Choices include the International® DT 466 I-6 engine or the International® VT 365 V8 engine.

Controls for the electric door and warning lights are placed on the steering wheel.

The flasher system is controlled by the electronic control module for more reliable operation.



- Electrical wiring is color-coded and continuously numbered to simplify inspections and repairs.
- Warning, emergency exit and lift indicator lights are located in the cluster, creating a cleaner instrument panel and requiring less wiring.
- International® engines reduce service time and cost of ownership with features like reusable gaskets and externally serviceable glow plugs that don't require valve cover removal.
- Available advanced telematics utilize GPS technology to locate the vehicle, monitor speed and direction, and collect vehicle performance data.





**MAKING THE
MAINTAINER'S
JOB EASIER.**

Commonsense solutions win the day when it comes to serviceability too.

For example, the Diamond Logic™ electrical system features an advanced self-diagnostic capability with fewer wires and connectors. The vehicle's operation can be monitored and diagnosed quickly from the instrument panel. That means faster repairs. The CE gives more time in service and spends less time *being* serviced.

Of course, we've just cracked the book on ways the CE bus makes it easy on maintainers. Features like extended-life coolant, coordinated service intervals, quick and easy fluid checks, long-life bulbs and an easy-to-replace flat windshield with roped-in design make the CE as easy to keep running as a third grader at recess.

PASSENGERS ALWAYS COME FIRST.

Just as school is more than reading, writing and arithmetic, the CE school bus is more than student transportation. Before the first bell and after the last, the CE is an extension of the school itself, a place where the well-being of the student is always dutifully served.

Everywhere you look, the CE school bus is looking out for the student. A full-power hydraulic brake system offers shorter stopping distances and all-speed traction control. The No Student Left Behind™ child check system helps the driver ensure the bus is completely empty at the end of the day. Daytime running lights are standard. Headlights come on automatically when wipers are activated. And IC is the first school bus manufacturer to offer a proprietary three-point seat belt system.

These commonsense solutions bring an added measure of passenger protection. And the way we see it, that's the least you should demand from a school bus.



- The electrical system allows an exterior lamp "pre-trip" check to be performed by one person. The driver simply activates the lamp check sequence at the driver's seat, inspects lights, and returns to the driver's seat to turn off the lights.
- Optional three-point passenger restraint system features a proprietary design with 3/2 seating.
- With full-power hydraulic brakes and the parking brake interlock feature, the key must be in "on" position and the service brake applied to release the parking brake. (Available fall 2004)
- With the electric door interlock feature, the entry door will not open if the vehicle is in motion.





For more information about the new CE school bus, visit us on the web at www.IC-Corp.com. To locate the nearest IC dealer, call 1-800-892-7761.



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AD-44288H