BUS AND COACH INTERNATIONAL

Delivering Sustainable Transport

CITIRIDER

LOW FLOOR

Operators Guide

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1.0	Jun/2026	D.D		**HB-BCI-SD-0070-26.**

WELCOME TO BCI

Citirider Low Floor – Operator's Guide

Congratulations on selecting a BCI vehicle.
Becoming familiar with your vehicle will make it easier to operate and help you enjoy the full benefits.

We strongly recommend that you:

- Read and understand this Operator's Guide, as it contains important information on the safe operation and optimum performance of your BCI Citirider.
- Contact your authorised BCI Dealer if you have any questions or are unsure about any aspect of operating the vehicle.

BCI is not responsible for any loss or damage resulting from improper use of the product.

Every effort has been made to ensure the information in this guide was accurate at the time of printing.

We wish you safe and pleasant journeys.

Note: The content of this Operators Guide is to provide as much relevant information to the operators as possible. It may contain information on factory optional equipment, which may or may not be included in your vehicle.

Contents

1.0 Using this guide

This guide is designed to help vehicle operators understand the **BCI Citirider** product.
Operators must strictly adhere to all laws and regulations regarding the vehicle's operation.

This guide is intended as a general reference for the Citirider range. Vehicle specifications, design details, and configurations may vary depending on customer requirements and optional equipment. As a result, some information contained in this document may not apply to every vehicle.

Please operate the vehicle with care and attention. BCI will not be responsible for any loss caused by improper use of the product.

This document contains essential safety messages intended to prevent potential personal injuries. It is crucial to follow all the safety messages provided here to avoid injuries or fatalities. Pay particular attention to the following symbols and layouts.

WARNING

Indicates an imminent dangerous situation which, if not avoided, could result in death or serious injury.

HAZARD

Additional information which is important but not threating to life and/or systems.

INFORMATION

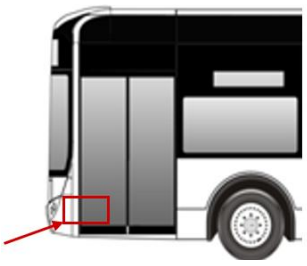
Additional information which is important but not threating to life and/or systems.

2.0 Vehicle information

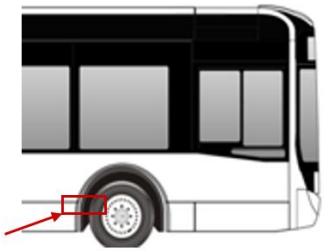
WARNING

Operate the vehicle in compliance with all applicable laws, regulations, and statutory requirements**. BCI** will not be responsible for any loss or damage resulting from improper use of the product.

The vehicle's identification plates, including compliance, regulatory, and statutory plates, are inside the front step well of the front passenger door.



The vehicles identification number (VIN) is also stamped into the OS (offside) chassis structure behind front wheel.



3.0 Technical specifications

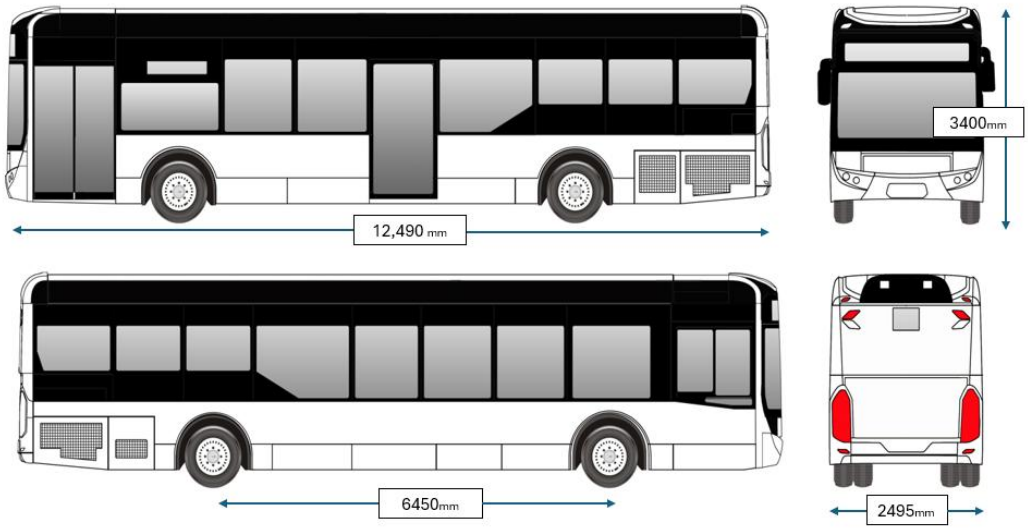
INFORMATION

The technical specification serves as a guide. Each vehicle may vary based on the chassis and customer-specific variations or requirements.

FBC6120 -Citirider	
Overall length.	12,490 mm
Overall width.	2,495 mm
Overall height.	3,400 mm
Wheelbase.	6450mm
Front approach angle.	8.0^0 laden
Rear departure angle.	8.0^0 laden
Turning circle.	Maximum 25,000 mm, wall to wall.
Gross vehicle mass. (GVM)	18,000 kg

Maximum road speed.	100 km/h
Engine.	Cummins B 6.7 EVIE290B
Alternator	Standard 28V (2 x 180A units).
*Transmission.	Allison T350R 6 speed with retarder.
Front axle.	Hande IFS with stabilising bar.
Rear axle.	Hande.
Suspension.	ECAS electronic suspension with raise and lower.
Fuel tank.	200 litres.
AdBlue tank.	25 litres.
*Front doors	Ventura inward glide door (2 leaf).
*Rear door	Ventura plug sliding door.
*Air Conditioning	Coachair XT44.
Rims.	Steel 8.25 x 22.5
Tyres	RR680 295 / 80 R22.5

*items can change depending on customers specifications or configuration.



4.0 Driver's seat

⚠ HAZARD

The ergonomic design of the driver's seat is essential for comfort, safety, and efficiency. A properly adjusted seat reduces the risk of injuries, minimises fatigue, and enhances overall productivity.

⚠ WARNING

Always apply park brake before leaving driver's seat. Dash warnings and alarms will be activated if the seat belt is removed at any time the park brake is not applied.

ISRI® 6860/875 NTS, with advanced design incorporating third generation suspension technology ensures maximum safety and comfort. Efficient operating weight range of 50 to 150kg, integrated 3-point seat belt, integrated head restraint, adjustable vertical shock absorber, integrated pneumatic system (IPS) dual stage air lumbar with lateral support. * *Location of controls could vary depending on specifications*

1	Belt adjustment	8	Vertical shock absorber
2	Armrest adjustment	9	Quick release
3	Backrest adjustment	10	Horizontal isolator
4	Shoulder adjustment	11	Seat cushion adjustment
5	Seat climate control	12	Horizontal adjustment
6	Integrated pneumatic system(IPS)	13	Tilt adjustment
7	Height adjustment(+memory)		

5.0 Operator's area

HAZARD

- Keep the operator area clean and free from obstruction.
- Adjust the seating position and mirrors before operating the vehicle.
- Report any defects, damage, or abnormal operation immediately, in accordance with company procedures.

WARNING

Safety of all passengers and the general public is the top priority.
If the vehicle must make an unexpected stop, ensure the location is safe for all passengers to exit if required

INFORMATION

*The location and arrangement of equipment may vary depending on the customer, vehicle specification, and overall configuration.

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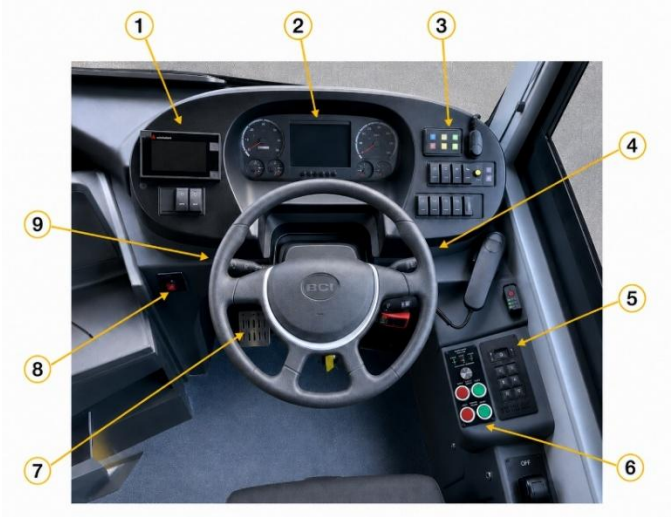
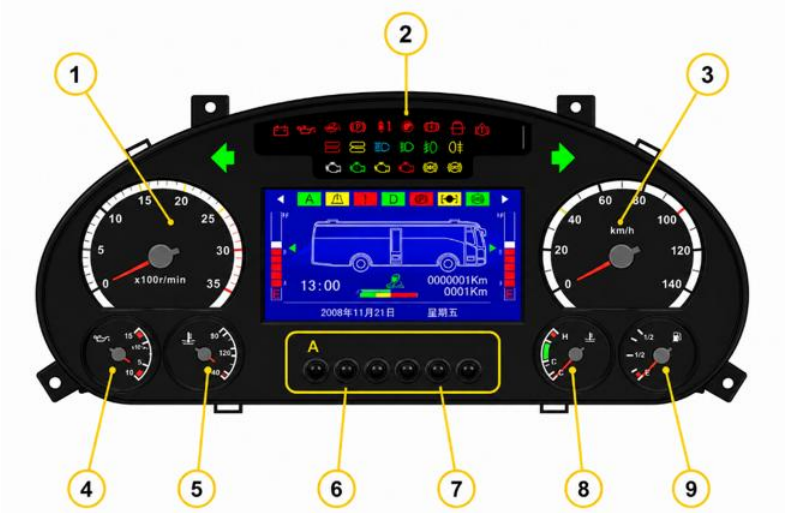


1	*Destination controller and left-hand switches.
2	Instrument cluster.
3	Right hand driver's switches and controls (refer pg. 12)
4	Wiper combination switch.
5	Gear selector (pg. 14).
6	Door controls(pg. 18).
7	Drivers' footrest
8	*Air conditioning ON/OFF switch. The temperature is preset and cannot be changed by the operator
9	Light combination and hazard switch.

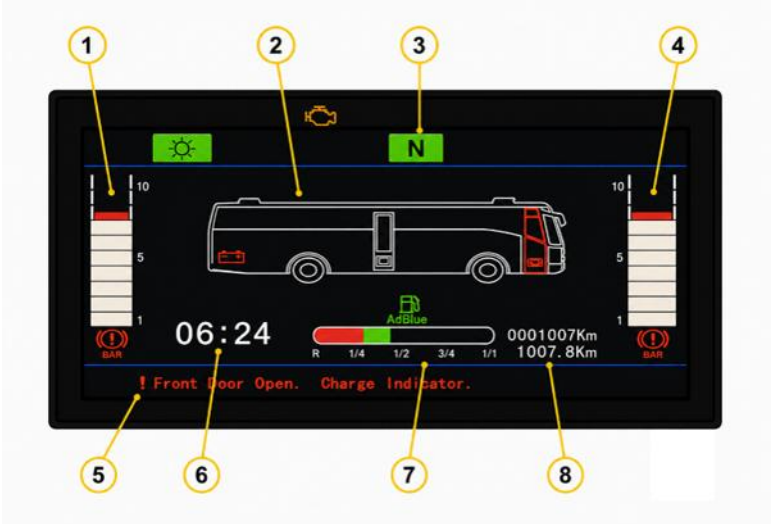
5.1 Instrument cluster



1	Tachometer.
2	Warning lamps (pg.11).
3	Speedometer.
4	Battery voltage gauge.
5	Oil pressure gauge.
6	Menu buttons.
7	TFT screen (pg. 10).
8	Coolant temperature gauge.
9	Fuel gauge.

Section **A** : Menu buttons, left to right	
1	Enter button, single press changes menu display.
2	Up button / ↑, single press, enables scrolling through menu in an upward movement.
3	Down button / ↓, single press, enables scrolling through menu in a downward movement.
4	Left button / ←, single press, enable scrolling through menu in a leftward movement.
5	Right button / →, single press, enable scrolling through menu in a rightward movement.
6	Dimmer control

5.2 TFT screen



1	Air pressure gauge 1.	5	Display message
2	Vehicle display.	6	Time.
3	Selected gear.	7	AdBlue indicator / level.
4	Air pressure gauge 2.	8	Total Kilometres & trip meter.

5.3 Warning lights

INFORMATION

Warning lights are broken into three categories.

- Red / seek immediate attention . Contact authorised dealer.
- Amber / there is fault present and should be addressed at completion of trip.
- Blue or Green / indicates to the operator that the system is active and operating correctly.

The instrument cluster contains various warning lights that are designed to alert the operator to active systems or potential issues that need attention. Below is the list of these warning lights.

	Park /Clearance lights.		Brake warning / fault.
	Retarder warning / fault.		High oil temperature warning.
	Low air pressure warning light.		Central warning / stop vehicle.
	Low coolant warning.		Park brake active.
	Seat belt not applied warning.		Transmission warning / fault
	ECAS / suspension fault.		ECAS / suspension not at correct ride height.
	High beam / active.		Low beam / active.
	Front fog lights / active.		Rear fog lights / active.
	Pre-start glow plugs / active.		Engine warning amber/ level 1.
	Engine warning orange / level 2.		Engine warning red / level 3 .
	ABS warning / fault.		ASR warning / fault.
	DPF Regeneration required		

5.4 Operator's right-hand switches and warning lights.

INFORMATION

*Switch availability and placement will vary based on customer configurations or specific model variations

Area A			
	Transmissions high temperature.		Transmission waning / fault
	Electronic Stability control warning light.		Wheelchair ramp request light.
	Electronic braking system warning light		Electronic braking system failure.
Area B			
	Press up / to raise vehicle. Press down / to lower vehicle.		Press down to kneel suspension.
	Press down to return vehicle to normal ride height.		Press to active school lights.
	School light tell-tale.		Park brake warning light. Actives when one of the antiroll away conditions has not been meet.
	Door alarm / Door fault detected.		
Area C			
	Operators boost fan		Demister switch
	Mirror heaters		Retarder switch. Allows switching between pedal and stalk.
	Light dimmer		

5.5 Operator's left-hand switch panel

Area **D**			
	*Destination control panel. (refer to the manufacturer for operating instructions if fitted).		
Area **E**			
	Operator's blind switch		Operator's light switch
	Front entry light switch		

5.6 Operator's right side console

1	Park Brake (pg. 17)	2	Mirror Control
3	BROMS Brake (pg. 17)		

5.7 Gear selector panel (Allison)

Warning

Before selecting direction of travel, ensure:

- Operator is seated with seat belt fastened.
- Foot is on the brake pedal.
- Air pressure is within the normal operating range.

Failure to follow these precautions may result in **uncontrolled vehicle movement**, causing **serious injury, death, or property damage**.

1	**Gear Display**. First number is highest gear available. Second is selected gear. *Flashing shift in inhibited.*
2	**Mode selection** – light on is ECO mode
3 & 4	*Used by maintenance staff only.*
5	**Direction selector**, R, N & D

5.8 Gear selector panel (ZF)

Warning

Before selecting direction of travel, ensure:

- Operator is seated with seat belt fastened.
- Foot is on the brake pedal.
- Air pressure is within the normal operating range.

Failure to follow these precautions may result in **uncontrolled vehicle movement**, causing **serious injury, death, or property damage**.

Place foot on the brake pedal and select desired direction :

- **D** = Forward
- **N** = Neutral
- **R** = Reverse

Selecting reverse will activate rearward looking image within the camera monitor *

5.9 Headlight and direction combination stalk

Information
White triangle on the stalk aligned with an icon indicates which light is active.

OFF	All lights are off. Align white triangle with OFF
	Park light / clearance lights. Rotate handle clockwise one click to align white triangle with icon. Icon on dash will illuminate (pg.11).
	Low beam lights. Rotate handle clockwise two click to align white triangle with icon. Icon on dash will illuminate (pg.10). **High beam.** Push stalk down for constant on. Pull up for quick flash.
	Indicators. Move stalk away to turn right. Mover closer to turn left.
	Hazard lights. Push red button on the end of the stalk to turn hazard lights on and off.

5.10 Wiper and retarder stalk

Information
White triangle on the stalk aligned with an icon indicates which light is active.

OFF	All wipers are off. Align white triangle with OFF
INT LO HI	**Wipers.** **INT**= One click clockwise is intermittent wiping. **LO** = Two clicks clockwise is slow speed wiping. **HI** = Three clicks clockwise is high speed wiping. **Washers**. Pull stalk up to spray water. The wipers will automatically be active on **LO** speed for few seconds.
	Washer Button. Push the button on the end of the stalk to active water spray. The wipers will be active on **LO** speed and automatically turn off, few seconds after releasing the button.

	**Retarder**. (not adjustable on Transit vehicles / preset) Pulling the stalk rearwards actives the retarder • One click = 33% • Two clicks = 66% • Three clicks = 100%

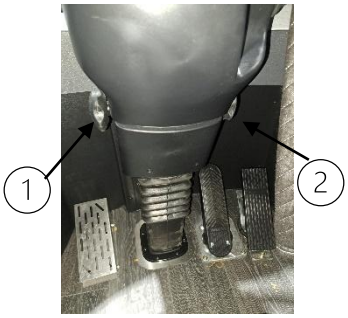
5.11 Steering Column Adjustment

⚠ HAZARD

Steering wheel positioning is essential for an ergonomic setup. Adjusting it correctly ensures comfort, safety, and efficiency while reducing the risk of injury, minimising fatigue, and enhancing overall productivity

The steering wheel height and angle can be adjusted by:

- To adjust the rake position, Turn knob **(1**) anticlockwise, adjust steering wheel rake to the desired position, then turn knob clockwise to lock.
- To adjust column height, Turn knob **(2**) anticlockwise, adjust steering wheel height to the desired position, then turn knob clockwise to lock



5.12 Ignition key

⚠ HAZARD

Always remove the key from the ignition lock when leaving the vehicle to prevent unauthorised use.

	Position 1 (locked): You stop the engine by turning the key to this position and removing the key. Turn the steering wheel until steering lock is engages. Position and hazard lights and some other functions will still operate.
	Position 2 (Radio): When in this position, the vehicle's radio works without any time limits.
	Position 3 (Drive): All electrical systems are engaged. The warning lamps for battery level, oil pressure, brake pressure, etc light up
	Position 4 (Start): The starter motor is engaged in this position. When you release the key , it springs back to the drive position 3.

6.0 Park Brake

Warning

Always apply parking brake before leaving the driver's seat.
Failure to do so may result in unintended movement, leading to potential injury or damage

Apply the parking brake gradually by moving the hand control backwards. The parking brake is fully applied when the hand control is in its rear, locked position and the control lamp "**Parking brake applied**" illuminate.

To release the parking brake from the locked position, lift up the ring and move the hand control to the forward position.

HAZARD

*T*he pneumatic system must be fully charged, and the BROS valve must be in the depressed position(pg. 17) for the park brake to release

Information

Allowing the lever to spring to the off position under its own momentum will cause premature failure of the Park Brake valve.

7.0 BROMS Brake

Warning

Always ensure the Park Brake is applied before resetting the **BROMS** brake control

In the event of a loss of air pressure in a brake circuit, the **BROMS** system will automatically activate and apply the park brake.
This condition will be clearly indicated by the **BROMS button protruding from its normal seated position**, indicating that the park brake has been applied for safety.

Once the condition that triggered the activation has been rectified by qualified personnel, ensure the following before resetting the system:

- The Operator is seated with the seat belt fastened.
- The vehicle has full operating air pressure.
- The park brake is applied.
- There are no active faults or warning lights.

When these conditions are confirmed, push the **BROMS** button down.
Normal air pressure will then be reinstated to the brake system

8.0 Mirror control

To adjust the external rearview mirrors, move the toggle switch to the left or right to select the corresponding mirror.
Then, use the toggle to adjust the mirror in the desired direction.

9.0 Door operation.

9.1 Door control panel

⚠ Warning

Only use the emergency override to release the door brake in an emergency.
Priority is to ensure the safety of passengers and operator.

1	Normal LED	System is operating correctly without fault; this light will illuminate green.
2	Fault LED	System detects a faults or errors; light will illuminate red.
3	Override LED	If any of the **WSB** within the door compartments are active this light will illuminate amber.
4	Override button	Emergency override used to release brake and accelerator lock in an emergency. Must be depressed and held to allow vehicle to moved.
5	Front door buttons	Red button to open doors and green to close.
6	Rear door buttons	Red button to open doors and green to close.

9.2 Door buttons

The Citirider is equipped with a Ventura door system. The front doors are twin leaf inward gliding doors, while the rear door is a single plug sliding door.

These doors are controlled by the operator using the door control panel buttons. Red buttons are used to open the doors and green to close them.

Both doors are equipped with the following internal and external buttons.

Front door buttons (external)	
	**Door Closed** button / Lift clear plastic cover and press button to close doors . (vehicle needs to have power active and anti-rollaway condition met)
	**Emergency Door** open / Lift clear plastic cover and press button, doors will automatically open. (Always works)
	**Ramp request** button / Press the centre of the button, and it will notify the operator that the ramp is required via warning light. (pg.12)

Front door button (internal)	
	**Emergency Door** open / located above the door within the bulkhead / lift clear plastic cover and press button, doors will automatically open.

Rear door buttons (external)	
	**Emergency Door** open / Lift clear plastic cover and press button, doors will automatically open.
Rear door buttons (internal)	
	**Emergency Door** open / located above the door within the bulkhead area / lift clear plastic cover and press button, doors will automatically open.
	**Door Closed** button / Lift clear plastic cover and press button to close doors . (vehicle needs to have power active and anti-rollaway condition met)

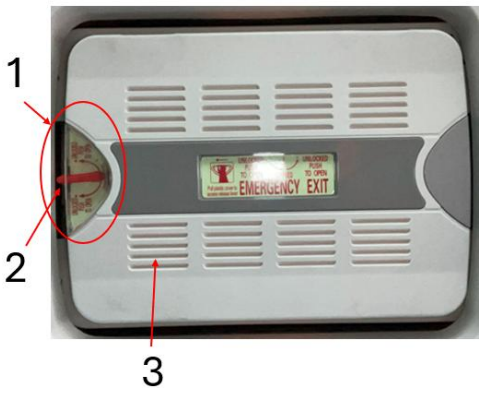
10.0 Emergency exit / roof hatch

⚠ Warning

Make sure the emergency exit is unobstructed and free from any hazards before utilising.

The Citirider is fitted with a roof mounted emergency exit, to utilised follow these instructions.

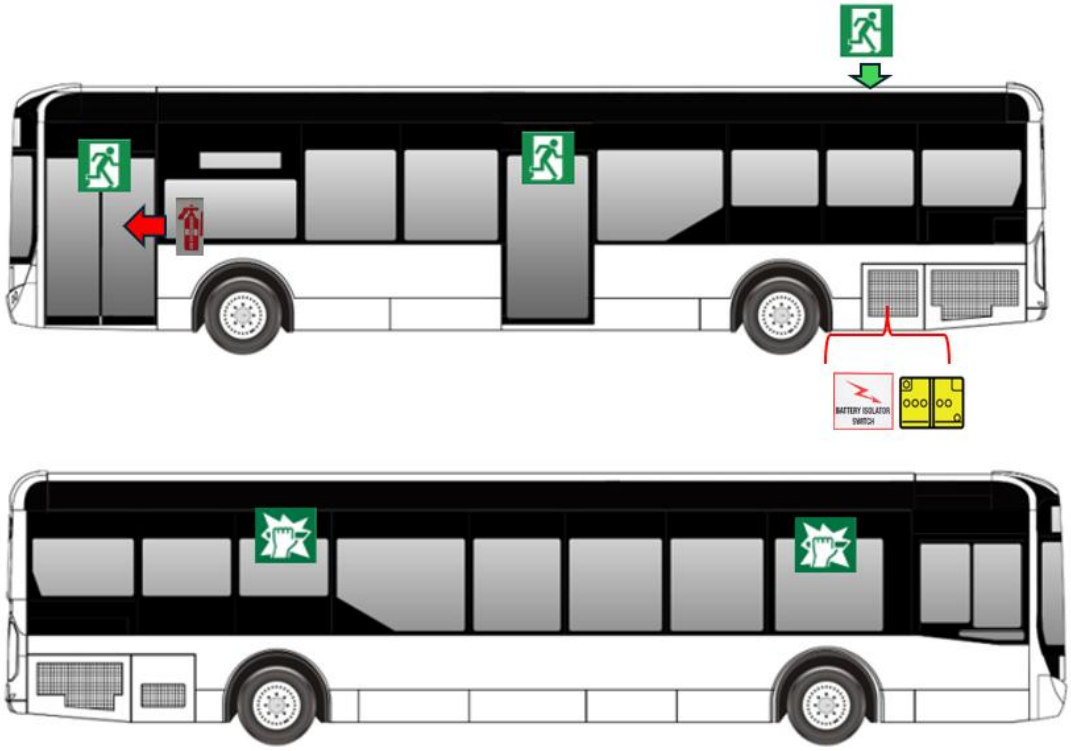
1. Remove and discard the clear plastic cover.
2. Move the red lever in the direction indicated by the arrows.
3. Push the hatch open and exit the vehicle when it is safe to do so.



10.1 Emergency exits, isolations and fire extinguishers

Warning

In the event of an emergency, bring the vehicle to a stop as soon as it is safe to do so and apply the park brake. Open the doors and safely evacuate all passengers, ensuring they move to a safe location away from the vehicle and traffic.
Once evacuation is complete, switch OFF ignition and remove key, Isolate battery master switch, If conditions permit. Remain at a safe distance and follow company emergency procedures or instructions from emergency services.



	3 Emergency exits. • Front service doors. • Middle service door. • Rear roof hatch. (Pg 19)
	2 Emergency break glass exits. • Both break glass exits located on OS (offside) above each axle. • Internally both windows have hammers located within proximity.
	In addition to the automatic fire suppression system, the vehicle is equipped with one portable fire extinguishers: • Located behind the driver's seat.
	Battery isolation switch is in the NS battery compartment.
	24-volt battery supply.

11.0 Battery isolation

The main power of the vehicle is controlled by the battery master switch located in second last compartment on (NS) passenger side.

Rotate switch clockwise to the **ON** position
to supply power from the batteries to the vehicle.

Rotate anti clockwise to disconnect battery supply

> ⚠ **HAZARD**
>
> Do not switch off the battery master switch if the symbol for the exhaust gas aftertreatment system is displayed . Wait at least **10** seconds after switching to the **OFF** position before switching back to the **ON** position.

12.0 Rear engine controls

> ⚠ **HAZARD**
>
> *Engine compartment controls for maintenance activities by authorised staff only*

Additional engine start and stop controls are located in the engine compartment for use during maintenance activities. The main ignition key must be in the ON position for these controls to function

13.0 Sleep Mode

Sleep mode is a low-power state that the vehicle enters after 2–3 minutes of inactivity. This function helps conserve battery power to ensure adequate voltage when reactivation is needed.

The activation of any of the following vehicle inputs will either prevent sleep mode from initiating or wake the vehicle from sleep mode.

- Door activity, either opening or closing.
- Key activation in either position 1 or 2. (pg.16).
- Activating Hazard lights.
- Activating park lights.
- Park brake in released position

Sleep mode can interfere with maintenance activities, a sleep mode override switch is available in compartment on right as you enter passenger step well.

- Position 1 = (pinned) Sleep mode active.
- Position 2 = All bus functions disabled.
- Position 3 = Sleep Mode override active.

14.0 DPF (Diesel Particulate Fitter)

INFORMATION

For additional information contact authorised Cummin dealer or agent .

The Cummins Euro 6 ISL engine is equipped with a Diesel Particulate Filter **(DPF**) mounted on the exhaust system, which filters carbon particulates produced during the combustion cycle.

As part of the engine operation both Soot and Ash are produced and over time excessive amounts accumulate in the aftertreatment (**DPF**) and must be removed. Soot is removed by process called regeneration. Ash is removed by removing the aftertreatment DPF and cleaning at specified intervals.

Regeneration is classified into two different types, passive and active.

Passive Regeneration.

This occurs naturally when exhaust temperatures are high enough that the soot collected is oxidized and burnt off by the **DPF**. Typically occurs in vehicles driven at high speeds and/or under heavy loads (etc, highway driving).

Active Regeneration.

This occurs more frequently in vehicles operating at low speeds, low loads on stop-start duty cycles.
It's where the Soot builds-up in the **DPF** and is unable to be burn off.
The vehicle will enter a regeneration cycle, the warning light (pg.11) will illuminate, and the regeneration process will automatically occur by the engine .

⚠ HAZARD

During an active regeneration process, the vehicle is not drivable. Additionally, the exhaust system may reach higher-than-normal temperatures. Exercise caution around the exhaust and tailpipe, especially near potential ignition sources such as dry grass or other flammable materials

Aftertreatment switches.

If an active regeneration begins during normal day-to-day operations, it can be cancelled to allow the vehicle to complete its shift and return to the workshop or depot. To do this, locate the **DPF** regeneration inhibit switch and press it.
Once the LED indicator is illuminated, regeneration has been successfully inhibited.

Maintenance staff can resume the regeneration process by deactivating the **DPF** regeneration inhibit switch and then activating the **DPF** regeneration switch