



Delivering Sustainable Transport

CITIRIDER

LOW FLOOR



Operators Guide



WELCOME TO BCI

Citirider Low Floor operators guide.

Congratulations on choosing a BCI vehicle.

The more familiar you are with your vehicle, the easier it will be to operate and enjoy. We offer the following advice:

Please read and understand the operator's guide for your vehicle. It contains essential information on how to operate and get the maximise benefits of your BCI Citirider.

BCI will not be responsible for any loss caused by improper use of the product. Should you have any doubts about operating this vehicle, please contact your authorised BCI Dealer in your area.

Every attempt has been made to ensure the information contained in this booklet is correct at the time of printing.

We wish you safe and pleasant journey.

Version	Date	Prepared	Review	Document No
1.0	Aug/2024	D.D		HB-BCI-0001-24

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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.

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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.

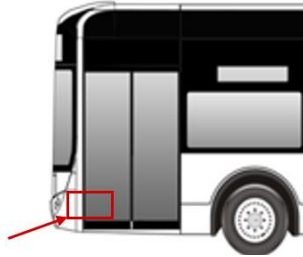
Please operate the vehicle with care and attention. BCI will not be responsible for any loss caused by improper use of the product.

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.

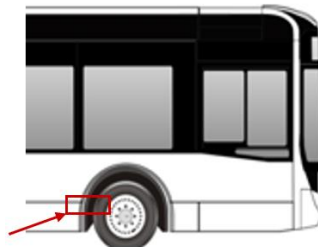
 <p>WARNINGS</p> <hr style="border: 1px solid red;"/> <p><i>Indicates an imminent hazardous situation which, if not avoided, could result in death or serious injury.</i></p>	 <p>HAZARDS</p> <hr style="border: 1px solid yellow;"/> <p><i>Indicates an imminent hazardous situation which, if not avoided, could result in death or serious injury.</i></p>
 <p>INFORMATION</p> <hr style="border: 1px solid blue;"/> <p><i>Additional information important but not threatening for people and/or systems.</i></p>	

2.0 Vehicle information

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



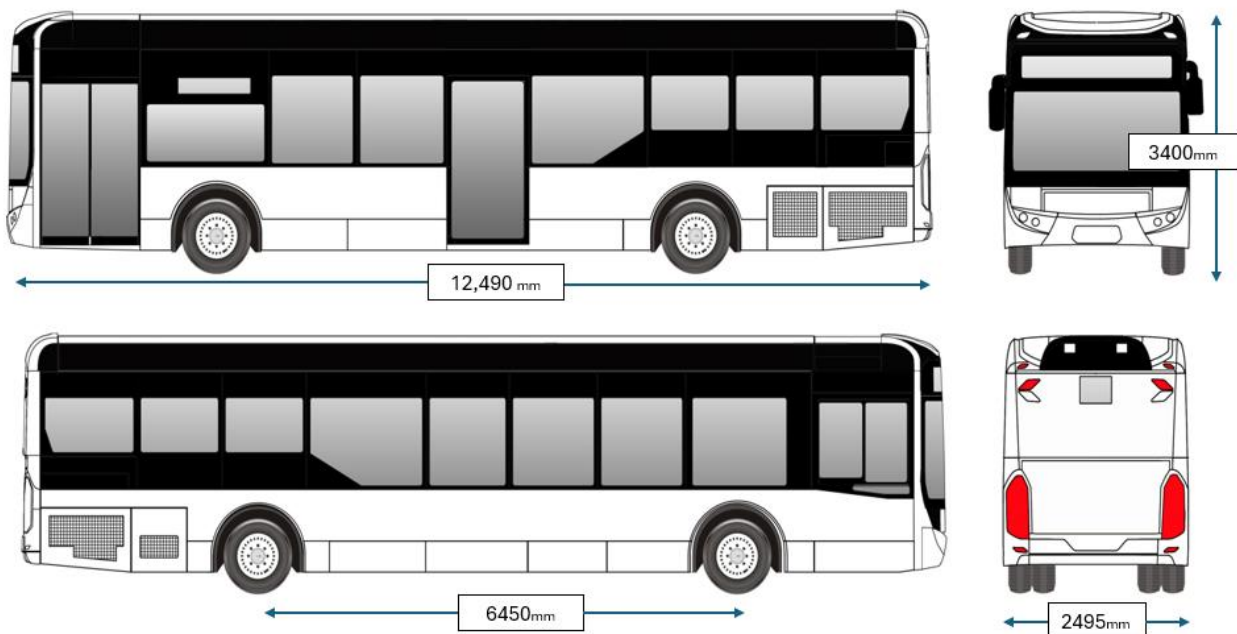
The vehicle's identification number (VIN) is also stamped into the OS (off-side) chassis structure behind the front wheel.



3.0 Technical specifications

FBC6120BRZ3 -Citirider	
Overall length.	12,490 mm
Overall width.	2,495 mm
Overall height.	3,400 mm
Wheelbase.	6450mm
Front approach angle.	8.0° laden
Rear departure angle.	8.0° 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

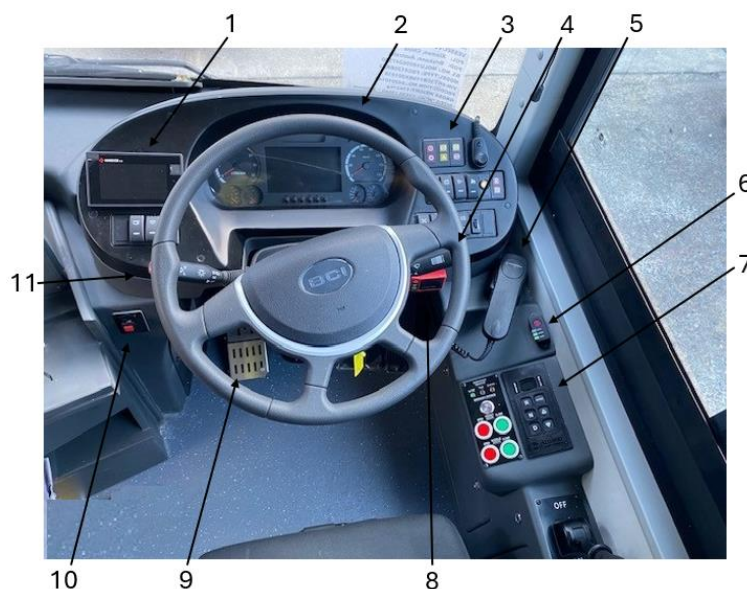


4.0 Operator's area



INFORMATION

When the ignition is turned off, the entry and step lights will turn on. They will remain on for up to 2 minutes after the front door is closed

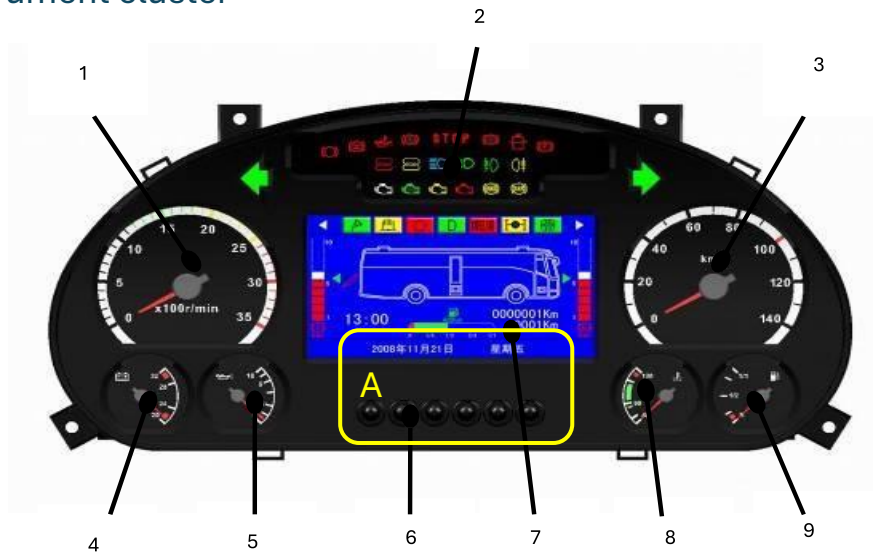


1	Hanover destination controller and left-hand switches.
2	Instrument cluster.
3	Right hand driver's switches and controls (refer pg. 11)
4	Wiper combination switch.
5	Two-way radio hand piece.
6	Video event button and status control.
7	Gear selector and door controls (pg. 13).
8	Fire suppression controller (pg. 18).
9	Operators' footrest with hidden 2-way radio duress switch.
10	Air conditioning ON/OFF switch. The temperature is preset and cannot be changed by the operator.
11	Light combination switch and hazard.

4.1 Hanover controller

The Hanover controller is used to operate the vehicle's destination signs. For detailed operating instructions, please refer to the manufacturer.

4.2 Instrument cluster



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



INFORMATION

Access to diagnostic menu (6) is for maintenance staff only.

Menu buttons, left to right (section A)

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


4.2.1 TFT screen



1	Air pressure gauge 1.
2	Vehicle display.
3	Selected gear.
4	Air pressure gauge 2.
5	Display message.
6	Time.
7	Adblue indicator / level.
8	Resettable trip meter.
9	Total kilometres travelled.

4.2.2 Warning lights

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.

 <p>WARNINGS</p>	<p><i>In event that you need to stop vehicle, ensure the location is safe for passengers, the public, and yourself. Look for areas with enough space for passengers to exit safely.</i></p> <p>Your priority is to ensure everyone's safety.</p>
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	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.



INFORMATION

Warning lights are generally broken into three categories.

- **Red** / seek immediate attention . Contact supervisor.
- **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.

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



Area A			
	Transmissions high temperature.		Transmission fault light.
	Electronic Stability control warning light.		Wheelchair ramp request light.
	Electronic braking system warning light		Electronic braking system failure.
	Two-way microphone		
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. Active 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. (Not active on Transit vehicles)
	Light dimmer		

4.4 Operator's left-hand switch panel



Area D



Hanover control panel. (refer to the manufacturer for operating instructions).

Area E



Operator's blind switch



Operator's light switch



Front entry light switch

4.5 Door control panel



WARNINGS

Use the emergency override only to release the door brake in an emergency.

Your top priority is to ensure everyone's safety



F

Door status lights:

- Green / normal
- Red / fault
- Amber / override active

G

Emergency override button.

Allows the release of the door brake to move the vehicle in emergency.

H

Door buttons:

Front & Rear doors

- Red to open.
- Green to close.

4.6 Gear selector panel

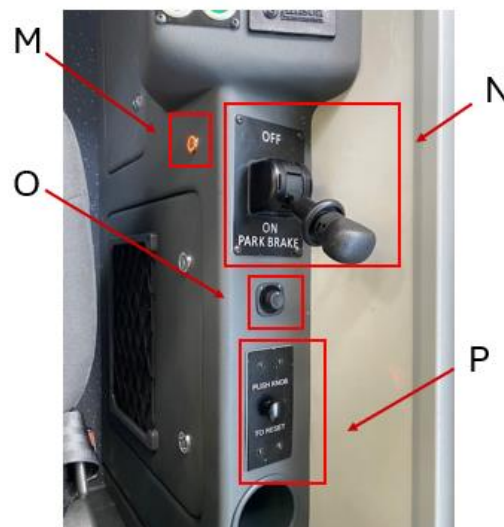


INFORMATION

To select a direction the foot brake must be depressed.

	I	Gear Display. First number is highest gear available. Second is selected gear. <i>Flashing shift in inhibited.</i>
	J	Mode selection – light on is ECO mode
	K	Used for maintenance staff only.
	L	Direction selector, R, N & D

4.7 Operator's side console

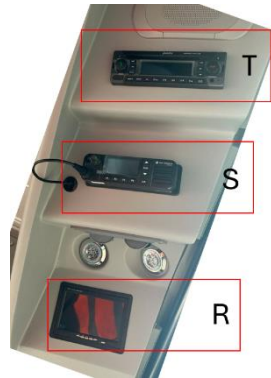


M	Operator's 2-way radio duress button.
N	Park Brake control To release, lift round collar and move lever forward. To apply, pull lever rearward until it locks into place.
<h3>INFORMATION</h3> <p>To prevent damage to the Park Brake, manually place it in the off position. Avoid allowing it to spring back on its own.</p>	
O	Toggle left and right to adjust either the nearside or offside mirror positions.

P	<p>BROMS Brake. If you lose air and attempt to remove the parking brake, the BROMS brake will apply, it pops out and stays out until air pressure has been restored. Once you have air pressure, ensure parking brake is applied and push button inwards to active circuit again.</p>
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4.8 Operator's overhead console

To be con



R	Reverse camera / CCTV monitor (refer Hanover)
S	2-way radio
T	AM/FM radio (Audio Bus) Refer manufacturers manual.

4.9 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.10).	
	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.	

	<p>Indicators. Move stalk away to turn right. Mover closer to turn left.</p>
	<p>Hazard lights. Push red button on the end of the stalk to turn hazard lights on and off.</p>

4.10 Wiper and retarder stalk



<p>INFORMATION</p>	<p>White triangle on the stalk aligned with an icon indicates which wiper speed is active.</p>
<p>OFF</p>	<p>All wipers are off. Align white triangle with OFF</p>
<p>INT</p>	<p>Wipers. INT= One click clockwise is intermittent wiping.</p>
<p>LO</p>	<p>LO = Two clicks clockwise is slow speed wiping.</p>
<p>HI</p>	<p>HI = Three clicks clockwise is high speed wiping.</p>
<p>HI</p>	<p>Washers. Pull stalk up to spray water. The wipers will automatically be active on LO speed for few seconds.</p>
<p>HI</p>	<p>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.</p>
	<p>Retarder. (not adjustable on Transit vehicles / preset) Pulling the stalk rearwards activates the retarder</p> <ul style="list-style-type: none"> • One click = 33% • Two clicks = 66% • Three clicks = 100%

5.0 Operator's seat.

The Citirider is fitted with an **ISRI 6860-875** air suspension seat.

<p>HAZARDS</p>	<p><i>Never attempt to move or adjust the driver's seat whilst the vehicle is in motion.</i></p>
<p>INFORMATION</p>	<p><i>Never leave the driver's seat without first applying the park brake. The seat belt is fitted with warning alarm and light.</i></p>





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)		

6.0 Door operation.

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 (section 4.5 pg. 12). 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)

	<p>Ramp request button / Press the centre of the button, and it will notify the operator that the ramp is required via warning light. (section 4.3 pg., 10)</p>
<p>Front door button (internal)</p>	
	<p>Emergency Door open / located above the door within the bulkhead / lift clear plastic cover and press button, doors will automatically open.</p>
<p>Rear door buttons (external)</p>	
	<p>Emergency Door open / Lift clear plastic cover and press button, doors will automatically open.</p>
<p>Rear door buttons (internal)</p>	
	<p>Emergency Door open / located above the door within the bulkhead area / lift clear plastic cover and press button, doors will automatically open.</p>
	<p>Door Closed button / Lift clear plastic cover and press button to close doors . (vehicle needs to have power active and anti-rollaway condition met)</p>

7.0 Fire suppression

	<p>INFORMATION</p>	<p><i>For more detail instructions on the fire suppression system always contact the system manufacturer .</i></p>
	<p>HAZARDS</p>	<p><i>If the fire suppression system is faulty or disabled, the vehicle should be considered faulty, and not be operated.</i></p>

The Citirider is equipped with a fully automatic fire suppression system. This pressurized system continually monitors the vehicle to protect against fire, even in the event of an electrical failure.

The system has a display screen that is located on right-hand side of the dashboard.



1	<p>Delay (1) is used to delay the discharge of the suppression agent, but only when the screen is in fire ALARM mode.</p> <p>Pressing this button allows for a delay in countdown. If the screen is in NORMAL mode (green screen) the button can be used to dim the screen intensity.</p>
2	<p>Test/Mute (2) Button two is used to mute the alarm noise but cannot prevent activation of the system.</p> <p>TEST is used only by maintenance staff to test the system.</p>

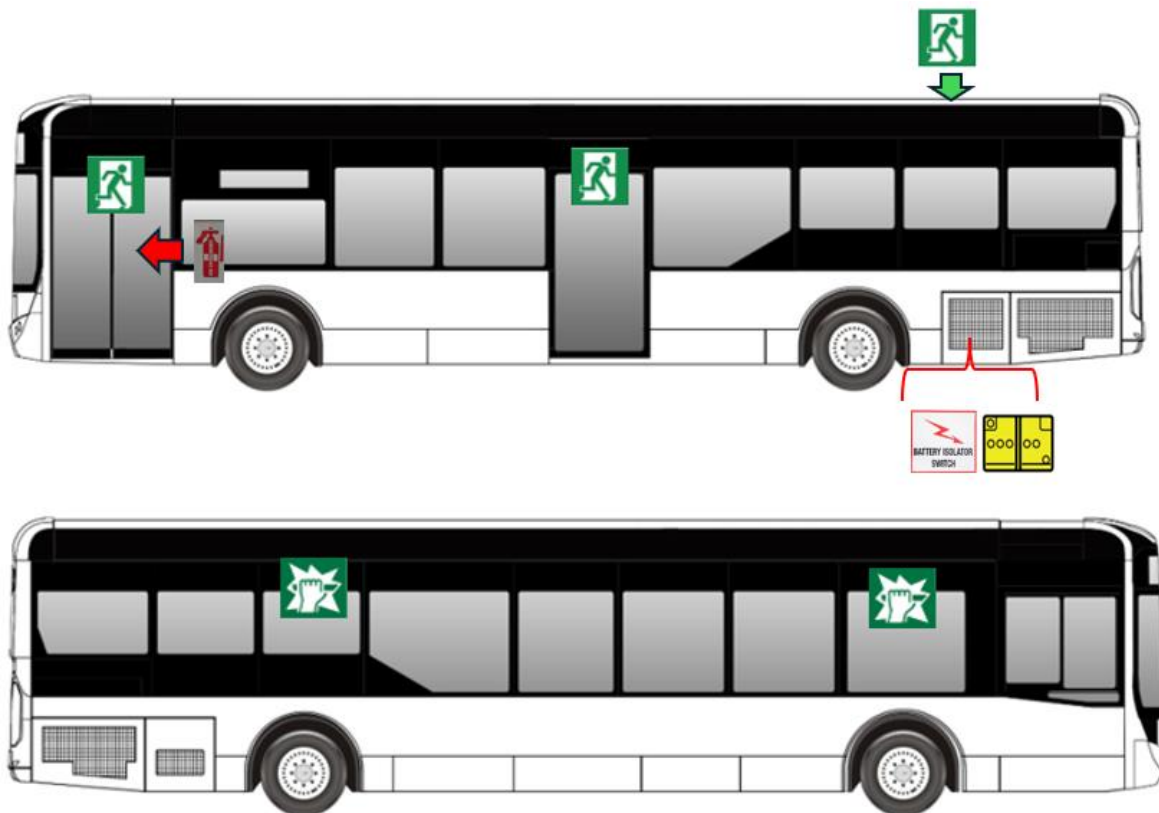
System display status.

	<p>Green screen indicates that is functioning correctly without any defects or faults.</p>
	<p>Yellow screen indicates an internal fault. The vehicle should not be driven. Report to supervisor.</p>
<p>WARNINGS</p> <hr style="border: 1px solid red;"/>	<p><i>In the event of a fire the safety of, the operator, customers, and public safety are top priority</i></p>

	<p>Red screen. Indicates that fire has been detected and the 10 second countdown has commenced, an alarm with sound and increase speed. This countdown can be delayed by holding the delay button. Once the button is released the countdown continues.</p>
<p>WARNINGS</p> <hr style="border: 1px solid red;"/>	<p><i>Once red screen is activated follow your company safety protocols and procedures</i></p>

	<p>Safety plaque.</p> <ol style="list-style-type: none"> 1. Safely stop vehicle. 2. Apply Park brake and shut down engine. 3. Initiate emergency procedures.
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8.0 Emergency exits, isolations and fire extinguishers



	<p>3 Emergency exits.</p> <ul style="list-style-type: none"> • Front service doors. • Middle service door. • Rear roof hatch. (Pg 21)
	<p>2 Emergency break glass exits.</p> <ul style="list-style-type: none"> • Both break glass exits located on OS (offside) above each axle. • Internally both windows have hammers located within proximity.
	<p>In addition to the automatic fire suppression system, the vehicle is equipped with one portable fire extinguishers:</p> <ul style="list-style-type: none"> • Located behind the driver's seat.
	<p>Battery isolation switch is in the NS battery compartment.</p>
	<p>24-volt battery supply.</p>

8.1 Emergency exit / roof hatch

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



WARNINGS

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

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.

