

Classmaster Operators Guide



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

Version	Date	Prepared	Document No
1.0	Apr-2025	DD	HB-BCI-SD-0061-25
	May-2026	DD	Icon images updated

Bus and Coach International Pty Ltd

Welcome to BCI

Congratulations on selecting a vehicle from the Bus and Coach International (BCI) range of high-quality products. We are confident that you will appreciate its exceptional craftsmanship and performance.

*The **Classmaster** is renowned for its exceptional quality, safety, and comfort. Built on a purpose-designed chassis, it delivers smooth handling, high performance, quiet operation, and impressive fuel efficiency*

To get the most out of your new BCI vehicle, please take the time to read and understand the operator's guide. It contains essential information on proper operation to maximising its benefits.

Contents

1.0 Using this guide.	4
2.0 Vehicle Information.....	5
3.0 Warranty	5
4.0 Technical Specifications.....	6
4.1 Body	7
5.0 Driver’s seat.....	8
6.0 Instrumentation cluster	9
6.2 Display screen	10
6.3 Instrument cluster warning lights	10
7.0 Dash switches	11
7.1 Dash warning lights	14
7.2 Steering wheels controls	14
7.2.1 Steering column adjustment	15
7.3 Head light and direction combination stalk.....	15
7.4 Wiper and retarder stalk	16
7.5 Operators side console.....	16
7.5.1 Park brake.....	16
7.5.2 BROMS brake (*Option)	17
7.5.3 Mirror control.....	17
7.5.4 Gear selector (ZF)	17
7.5.5 Gear selector (Allison).....	18
9.0 Vehicle operations	18
9.1 Battery Master switch	18
9.1 Rear engine controls.....	18
9.2 Vehicle access	19
9.3 Ignition key.....	19
9.4 Sleep mode.....	20
9.5 AEBS (Advanced emergency braking)	20
9.6 DPF (Diesel Particulate Filter).....	22
10.0 Emergency door operation	23
10.1 Emergency Internal operation	23
10.2 Emergency external operation	23
10.3 Emergency override	23
10.4 Door maintenance button	24
10.5 Fire suppression system (* option)	24

10.6 Emergency Exits.....	25
10.7 Emergency roof hatches	25
11.0 Accessory systems	26
11.1 Air conditioning	26
11.1.1 Mobile climate control.....	26
11.1.2 Coachair controller	26

1.0 Using this guide.

This guide is intended to help vehicle operators maximise the performance of the Cruiser product. It is the owner's/operator's responsibility to ensure the vehicle is operated in full compliance with all applicable laws and regulations in the region of use.

Operate the vehicle with care and diligence. BCI is not liable for any loss resulting from improper use of the product.

This document contains critical safety messages designed to prevent personal injury. It is essential to follow all safety instructions provided to avoid injuries or fatalities. Pay close attention to the symbols and layouts highlighted in this guide.

This guide is intended for the body only; for additional technical chassis information, please consult your nearest OEM-authorized service centre



WARNING

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



HAZARD

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



INFORMATION

Additional information which is important but not threatening 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.*

Vehicle identification number (VIN) is located in two places:

1. On vehicle identification plate located in the front door entry steps.
2. VIN is stamped on the chassis structure behind the right-hand front steer tyre.

3.0 Warranty



INFORMATION

*Additional warranty information can be found on the **BCI Warranty Guide**, supplied with the vehicle at the time of delivery.*

The **BCI** body warranty is limited to **150,000km** or **three (3)** years, whichever comes first. Other body Supplier warranties such as air conditioning, destination equipment etc. will be covered directly by the Supplier's warranty and can be taken to a Supplier's outlet for rectification.

All warranty repairs must be carried out by authorised **BCI** dealer or agent. Failure to comply will result in the warranty claim being rejected. Contact your nearest **BCI** dealer or agent for further assistance.

Liability:

BCI's liability under this warranty is limited exclusively to the repair and replacement of defective parts in materials or workmanship by a **BCI** Dealer at their place of business during normal business hours. This liability specifically excludes any costs associated with hiring a vehicle, transportation to the dealer, and compensation for loss of use of the vehicle during warranty repairs.

4.0 Technical Specifications



INFORMATION

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

Body Dimensions	
Overall L × W × H	12360 * 2495 * 3460
Wheelbase	6300
Front overhang	2547
Rear overhang	3513
Approach angle / departure angle (full load) (°)	8.8 / 8.3
Vehicle Mass (Kg)	
Body Mass (approx.) (Vehicle with 57 seats)	11,360
Gross Vehicle Mass (GVM)	19000
Maximum axle laden mass (front / rear)	7,500 / 13,000
Performance Parameters	
Maximum Speed (km/h)	≥100
Maximum angle of grade ability (%)	≥25%
Minimum diameter of turning (m)	≤23.5m
Engine	
Cummins	ISL Euro 6 - L9EVIE315 (*option D6.7 EVID 320)
Transmission*	
ZF	6AP 1620C
Allison	T375R
Axles	
Front	Hande 7,500kg IFS (Knorr disc brakes)
Rear	Hande 13,000kg
Rims and tyres	
Rims	8.25 x 22.5 polished aluminium
Tyres (Front / Rear)	295 / 80R22.5

Brakes	
WABCO AEBS	Electronic Braking System (EBS) with Autonomous braking system (AEBS), Brake Blending, Hill Start Aid, Brake Assist with hydraulic retarder available as standard.
Electric Equipment	
Circuit system	Single wire system, Negative earth
Circuit voltage	24V
Alternator	140A x 2
Storage battery	2 x (12 v 195Ah)
Instrument Panel	Combination instrument panel, including Odometer, Tachometer, Intelligent signal processor, Voltage meter, Water TEMP gauge, Oil-pressure gauge, Fuel-level gauge, Air-pressure gauge, Indicators for high beam lights etc.
Fuel Tank	
Aluminium tank	400 litres (depending on vehicle variation)

4.1 Body

The vehicle body is a monocoque construction, made with Australian galvanize steel tube. It's designed to comply with ADR 59 roll-over requirements. The main framework components have been treated to ensure anti-rust properties.

Vehicle doors and panels	
BCI	Easy access aluminium frames and panels, with fibreglass side stretch panels.
Vehicle windows	
BCI	The front windscreen is laminated glass; the side windows are 4mm thick toughened glass with a dark grey tint. All glass is fully bonded to the body.
Seats	
Passenger	All seats are approved for public transportation and are available in fixed back, reclining or metro configurations subject to customers' requirements.
Driver's Seat	ISRI controls & 3-point safety belts.
Air Conditioning	
MCC	Husky 40 heat / cool , Roof mounted independent cooling system. May vary based on specifications.
Heating	Floor heaters (optional)
Demister	Front installed demister unit with 2 speed fan.
Interior trim	
Accessories* (May vary based on specifications).	Digital clock, driver's side sun visor, electric front windshield sun visor, interior rear-view mirror, and emergency hatches. Electrical devices: Driver's microphone, Harine 10.1-inch central multi-function touchscreen media, 12v USB.

5.0 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

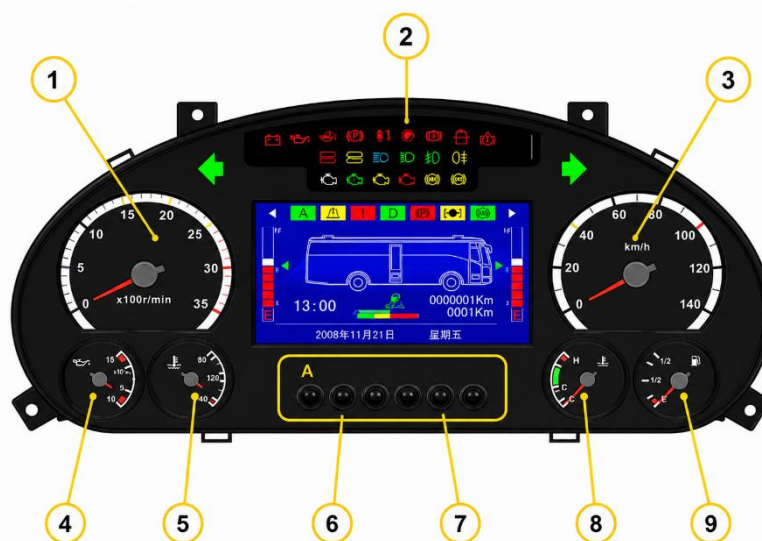
Always apply park brake before leaving driver's seat. Dash warnings and alarms will be activated if the seat belt is removed at any time the park brake is not applied.

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)		

6.0 Instrumentation cluster



1	Tachometer.	6	Menu buttons.
2	Warning lamps (pg.10).	7	Display screen (section 6.2)
3	Speedometer.	8	Coolant temperature gauge.
4	Battery voltage gauge.	9	Fuel gauge.
5	Oil pressure gauge.		



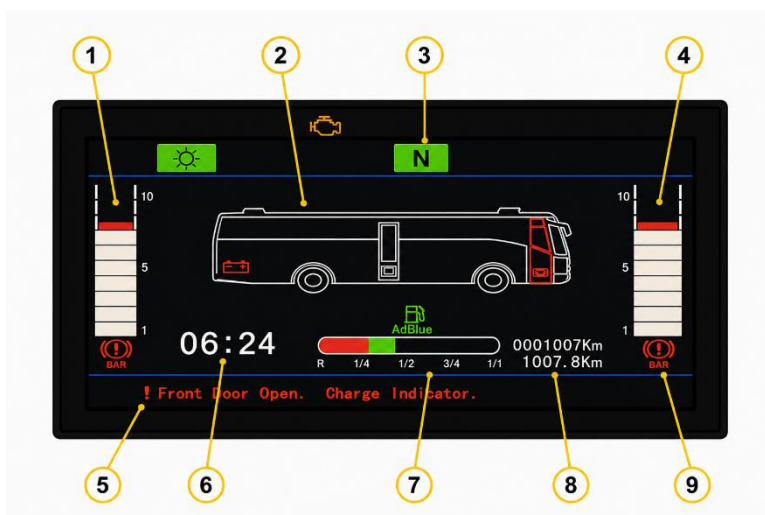
INFORMATION

Access to diagnostic menu **(6)** is meant 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

6.2 Display screen



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

6.3 Instrument cluster 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.



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.

	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 Section 9.6		



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.















7.0 Dash switches



INFORMATION
















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

Icon	Description	Operation
	Windscreen demister	Three position switch : <ul style="list-style-type: none"> • Up is off • Middle is low speed • Down is high speed
	Rear view mirror mode adjustment switch	Pressing the switch adjusts the contrast of the mirror monitors.
	Driver's window switch	Press bottom of switch to open and top of the switch to close driver's window.
	Spotlights (Bull Bar)	Press to activate spotlights with high beam.




	Passenger door control	Push bottom on the switch open door and press top of the switch to close door.
	Drivers fan switch	Press to activate drivers' fan.
 	Blind switch	Left and right front blinds / press bottom of the switch to lower the blind / press top of the switch to raise the blind.
	Air / electric horn switch	Press bottom of the switch for air horn / press top of the switch for electric horn.
	Interior saloon lights	Two position switch : <ul style="list-style-type: none"> • Up is low intensity • Down is high intensity.
	Passenger reading light switch	Press once to activate / press again to cancel.
	Aisle light switch	Press bottom of the switch to activate under seat lighting. Press on top of the switch to deactivate.
	Luggage bin lights	Press bottom of the switch to activate lights in luggage compartment / press top of switch to deactivate.
	Luggage bin locks	Press to lock and unlock luggage bins.
	TV control switch	Press bottom of the switch to lower TV / Press top of the switch to raise TV (note ; TV automatically returns to close position if passenger doors is opened)
	School lights	Press bottom of switch to activate school lights / press top of switch to deactivate.
	Mirror heats	Press bottom of the switch to activate mirror heating.
	Destination signage	Press bottom of the switch to activate destination signage / press again to deactivate.
A/C	Air conditioning	Press bottom of the switch to isolate the power supply to AC controller.

WIFI	WIFI switch	Press bottom of the switch to activate WIFI system/ press top of switch to isolate the system.
	Door entry fans	Press to activate door entry fans.
	Roof hatch fans	Press to activate roof hatch fans.
	Engine fast idle	Momentary switch , press to activate high idle. Park brake must be applied and transmission in neutral. Pressing brake pedal or releasing park brake will cancel request.
	Transmission power/economy switch	Press top of switch for economy mode. Press bottom of switch for power mode.
AEBS	Advanced Emergency braking system switch (AEBS)	Press to deactivate the AEBS. (Refer Section 9.5)
LED	Destination switch	Press to activate and deactivate electronic destination signs.
	Retarder switch	Retarder on and off .
	Fire suppression	Press to activate fire suppression system. (refer section 10.6).
	Instrumentation rheostat	Use to control intensity of instrumentation lighting.
<i>The following switches are maintenance-related and are located under the central dash cavity area.</i>		
	DPF Regeneration inhibit switch	Stop Regeneration process. Refer section 9.6
	DPF Regeneration switch	Start Regeneration process. Refer section 9.6
	Radiator fan override	Maintenance override to check operation of all radiator electrical fans.

7.1 Dash warning lights

	AMBER Wheelchair door is open.		AMBER Sewage tank requires emptying.
WC	RED Toilet is occupied.		RED Park brake has NOT been applied.
	RED Toilet water tank requires water.		RED Error has occurred with the door.
	RED Seat belt has NOT been fastened		RED An emergency hammer has been removed from its holder.
	Electronic braking system (EBS) If ON , system error, vehicle needs to be taken to authorised dealer.		Electronic braking system (EBS) If ON stop the vehicle and contact authorised dealer immediately.
	AEBS fault light Refer (section 9.5)		AEBS off light Refer (section 9.5)
	AEBS low level collision warning light. Refer (section 9.5)		AEBS high level collision warning light. Refer (section 9.5)
	ESC If light flashing, system operating correctly, Light remains ON , fault with the system, contact authorised dealer.		Transmission over heating. If ON contact authorised dealer.

7.2 Steering wheels controls

Left-hand controls (media)		Right-hand controls(cruise)	
MODE	Mode button / controls radio modes.	CRUISE	Cruise button / Press to activate cruise control system.
DR I	DR I button / Press to activate driver's speaker.	RES	RES button / Press to resume the previous speed after it was cancelled by pressing the brake pedal.
	Volume Control / press to raise volume.	SET	SET button / Press once the desired speed has been reached.
	Volume control / press to lower volume.	CAL	CAL button / Press to cancel cruise control .
PAS	PAS control / press to activate passenger speakers.		
	Mute control / press to mute all sound		

7.2.1 Steering column adjustment

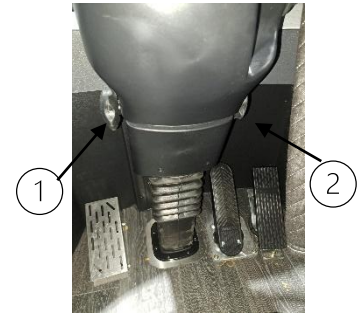


HAZARD

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



7.3 Head light and direction combination stalk



INFORMATION

White triangle on the stalk aligned with an icon indicates which light is activated

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

7.4 Wiper and retarder stalk



INFORMATION

White triangle on the stalk aligned with an icon indicates which light is activated



OFF	All wipers are off. Align white triangle with OFF		Push on end of stalk or pull up to spray water. The wipers will automatically be active on LO speed for few seconds.
INT	Wipers. INT = One click clockwise is intermittent wiping.		Retarder. Pulling the stalk rearwards activates the retarder <ul style="list-style-type: none"> • One click = 33% • Two clicks = 66% • Three & fourth clicks = 100%
LO	LO = Two clicks clockwise is slow speed wiping.		
HI	HI = Three clicks clockwise is high speed wiping.		

7.5 Operators side console

INFORMATION

Side console may vary depending on vehicle specifications and customers configuration.

7.5.1 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

*The pneumatic system must be fully charged, and the blocking valve must be in the depressed position (refer **section 7.5.2**) for the park brake to release.*

7.5.2 BROMS brake (*Option)

The blocking valve is activated when air pressure in the brake circuit is too low and an attempt is made to apply the parking brake, for example if the vehicle is parked for long period.

To release the parking brake when the blocking valve has released:

- Start engine.
- Wait until sufficient brake pressure has been build up (5.6bar) and the **stop lamp** in the instrument panel has gone out.
- Press in the blocking valve.

Normal parking brake operation should now be available



7.5.3 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.



7.5.4 Gear selector (ZF)



INFORMATION

Pressure must be applied on the brake pedal to select a gear.

- **R** = Reverse (R)
- **N** = Neutral (N). Used when starting the engine, for long stops and when parked.
- **D** = Forward drive mode, all gears are used.



* Option: could have gear selector that allows selection of individual gears. **1**, **2** and **3** , as well as **D**, **N** & **R**



INFORMATION

For additional information contact authorised ZF dealer or agent .

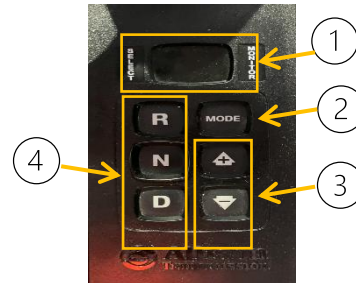
7.5.5 Gear selector (Allison)



INFORMATION

Pressure must be applied on the brake pedal to select a gear.

1	First number in display is highest gear available. Second is selected gear. <i>Flashing shift in inhibited.</i>
2	Mode selection – light on is ECO mode
3	Used for maintenance staff only
4	Direction selector, R, N & D



The selected drive mode is shown in the display.

If a choice of gear is prevented, the drive mode symbol flashes in the display.



INFORMATION

For additional information contact authorised **Allison** dealer or agent .

9.0 Vehicle operations

9.1 Battery Master switch

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.

9.1 Rear engine controls



INFORMATION

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



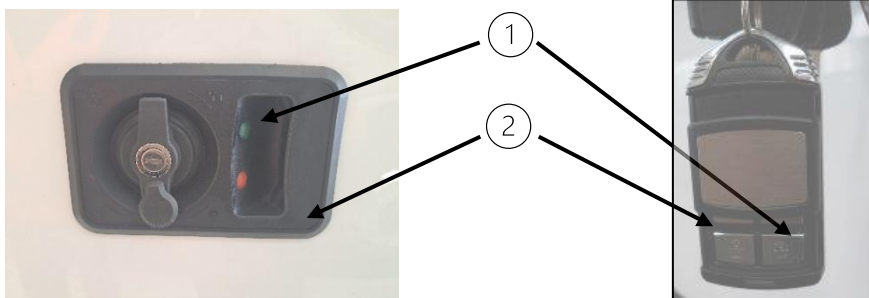
9.2 Vehicle access

External access to the vehicle is via the vehicle remote (FOB) or external door buttons.

Ensure the passenger door is not locked by:

- Inserting key and rotate clockwise 90° to vertical.
- Rotate handle clockwise 90°, release the handle and it will spring back to original position.
- Rotate key back to original position and remove.

Open the passenger door by pressing button (1) on the remote or green button (1) on the door lock.



Closing the passenger door by pressing button (2) on remote or the red button (2) on the door lock.

To lock the passenger door:

- Insert key and rotate clockwise 90° to vertical
- Rotate the handle 90° counterclockwise, release the handle and it will spring back to its original position.
- Rotate key back to original position and remove.

9.3 Ignition key



HAZARD

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

	<p>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.</p>
	<p>Position 2 (Radio): When in this position, the vehicle's radio works without any time limits.</p>
	<p>Position 3 (Drive): All electrical systems are engaged. The warning lamps for battery level, oil pressure, brake pressure, etc light up</p>
	<p>Position 4 (Start): The starter motor is engaged in this position. When you release the key , it springs back to the drive position 3.</p>

9.4 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. (section 9.3).
- 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.



9.5 AEBS (Advanced emergency braking)



WARNING

*The **AEBS** function is intended as a driver safety feature only. It helps the operator maintain a safe following distance and can apply braking to help avoid or lessen the impact of a potential collision. However, it is not a substitute for attentive, responsible driving and cannot make up for driver distraction, inattention, or impairment due to fatigue, drugs, or alcohol.*

It's the driver's responsibility to:

- *Use safe driving techniques.*
- *Exercise proper judgment for the traffic, road and weather conditions.*
- *Maintain a safe distance between vehicles and respect speed limits.*
- *React to road conditions to maintain control of the vehicle at all times.*

*Regardless of whether **AEBS** functions are active, the driver has full responsible for controlling the vehicle's speed, maintaining a safe distance from other vehicles, and braking when necessary to avoid a collision.*

*Never rely solely on **AEBS** warnings before applying the brakes—failing to do so can result in serious injury or death, and/or significant property damage*



WARNING

***AEBS** can create high vehicle deceleration (without driver intervention) in certain situations. To reduce the risk of injuries caused during activated vehicle deceleration,*

- *All passengers should be correctly seated during vehicle operation.*
- *All loose items should be secured so that they cannot become projectiles causing injuries.*

*Using **AEBS** in vehicles that are not equipped with seat belts may increase the risk of injury during sudden deceleration, even if the vehicle meets all applicable safety standards.*



WARNING

Always ensure the **AEBS** cameras, or radar are clear and never blocked or partially blocked, this can include snow, mud or other debris. Any blockage could cause limited or no functionality, which can lead to an accident. Serious personal injury or death, and/or severe property damage can result.

BCI utilises **ZF OnGuardPlus**, an advanced Collision Mitigation System (**CMS**). This system employs forward-facing radar to detect objects ahead and continuously monitors the vehicle’s position and speed relative to others on the road. It alerts the driver to potential forward collisions into another vehicle through audible, visual, and *haptic warnings. If necessary, it can also engage the brakes automatically via the Advanced Emergency Braking System (**AEBS**)

The system is only active when the vehicle exceeds **15kph**.



The following switch and warning lights are located on the dash:

AEBS	Advanced Emergency braking system switch (AEBS)	Press to deactivate the AEBS . Each time the ignition is reapplied the system is automatically reactivated.
	AEBS fault light	Light illuminated if there is fault with the system. Contact authorised BCI dealer.
	AEBS off light	Light illuminated if the AEBS switch has been used, and the system is deactivated.
	AEBS low level collision warning light.	The system has detected that the vehicle is rapidly approaching an object, and the driver has not responded. A buzzer sounds and this warning light flashes simultaneously, until the driver acts. Emergency braking is not active at this stage.
	AEBS high level collision warning light	The system has detected that the vehicle has passed the low-level warning threshold without any driver intervention. As a result, the buzzer volume increases, and a red warning light is activated. Both remain on continuously until action is taken. Emergency braking is applied

Self-Test

A self-test for the lights and buzzers is available. To perform the test, turn the ignition on and hold the **AEBS** switch for 12 seconds. All four warning lights should then illuminate for 3 seconds. Next, the low-level buzzer will sound for 0.5 seconds, pause, then sound again for 0.2 seconds, followed by the high-level buzzer sounding for 1.0 second

This also normal self-check that occurs as part of the normal ignition start-up process.

9.6 DPF (Diesel Particulate Filter)



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. Its 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 (section 6.3) 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 (refer to Section 7.0) 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 (refer to Section 7.0).



10.0 Emergency operation



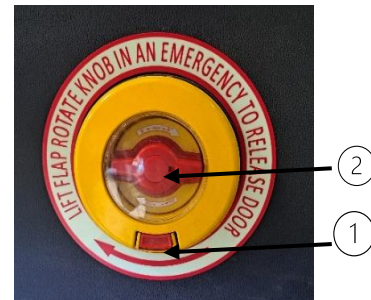
WARNING

Safety is the top priority for all passengers and public. If the vehicle needs to stop and be evacuated, ensure it is positioned in a clear and safe location before proceeding

10.1 Emergency Internal operation

In the event of an emergency locate the manual release valve in the passenger door stairwell.

- Press the red tag (1), to release spring-loaded clear plastic cover.
- Rotate red handle (2) clockwise to manually release door pressure.
- Push the door open to exit the vehicle.



10.2 Emergency external operation

In the event of an emergency locate the manual release valve under the front left-hand corner.

- Rotate the red handle (1) 90° clockwise to manually release door pressure.
- Manually pull the door outwards to allow exiting.



10.3 Emergency override



WARNING

The emergency override is a critical safety function and should only be used in true emergency situations. It must not be used as part of normal operations

The vehicle is equipped with an interlock system to prevent accidental movement during door operations.

If the vehicle experiences a system failure in a hazardous location and needs to be moved, an "Emergency Override" button is available on the dash. Pressing this button temporarily disables the interlock system, allowing the vehicle to be relocated safely only while the button is held. The door alarm warning will be activated once pushed (section 8.1).



WARNING

All door maintenance or repairs must be carried out by an authorised repairer. This function is intended solely for maintenance purposes and must not be used during the vehicle's normal operation.

10.4 Door maintenance button

During a door safety system failure, it may be necessary to temporarily disable the system. There is a "Door Maintenance" button provided within the main dash cavity for authorised staff. When pressed, the doors enter a maintenance mode. In this mode, if the doors are not fully closed, the throttle interlock will release. The brake interlock will remain active until either the throttle or brake pedal is pressed. Once pressed, the brake interlock is released, allowing the vehicle to be moved with the doors open.



Note: When the button is pressed, the "Door Alarm" and warning light will activate, and a timestamp of the event will be recorded in the door system. To restore the safety functions, press the "Door Maintenance" button again. If the door is not fully closed, the brake and throttle interlocks will be reactivated.



WARNING

In an emergency, the safety of passengers and the general public is the highest priority. If conditions allow, bring the vehicle to a safe and secure location to facilitate evacuation. Always adhere to your company's safety protocols and procedures.

10.5 Fire suppression system (* option)

The Classmaster is equipped with an automatic fire suppression system located in the engine bay. This system can detect a fire and automatically discharge the suppression agent. It also allows for manual activation by the operator if required.

Manual Activation Procedure:

- Lower the front plastic cover.
- Press and hold the red button for 1–2 seconds to release the suppression agent.
- Once activated, the button will illuminate, and a continuous buzzer will sound until the ignition power is reset.



System Function Test:

- When the ignition switch is turned on, the green LED within the fire suppression switch will illuminate, indicating the system is operational and free of faults.
- If a fault is detected after ignition is turned on, the LED will illuminate yellow, and a buzzer will sound for approximately 5 seconds.



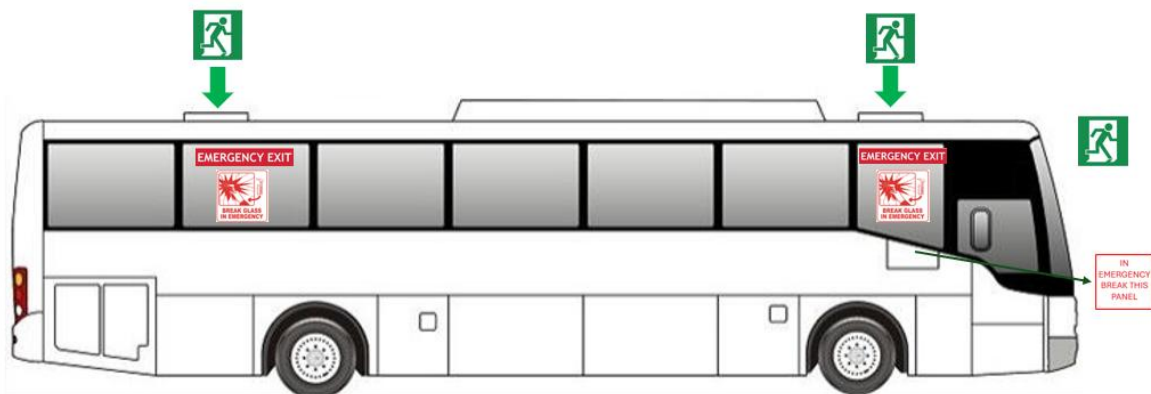
WARNING

*The fire suppression system must be inspected annually by an authorised **BCI** dealer. Cylinders must be recharged or replaced every five (5) years.*

10.6 Emergency Exits

Your BCI Classmaster is fitted with **(6) six** emergency exits:

- Two roof hatch exists.
- Two break glass exists on driver's side of vehicle.
The front exist requires the removal of small side panel to increase exit size.
(Emergency Hammers are located internally at each exist).
- Existing in emergency is possible via the front passenger door (section 9.3.1).



10.7 Emergency roof hatches

The two (2) roof hatches can be used in an emergency as follows:

- Pull plastic cover off to access the red release lever.
- Rotate the lever left or right, to unlock.
- Push the hatch up and out to open.
- When clear and safe, exit the vehicle.



11.0 Accessory systems

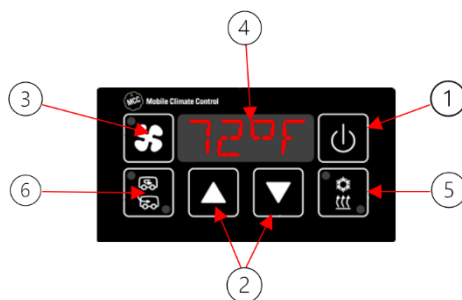


INFORMATION

The air conditioning system will vary based on customer configurations and specifications. For more details, contact the local authorised service agent for the relevant supplier.

11.1 Air conditioning

11.1.1 Mobile climate control



1	Controller power On/Off	4	Information / Display settings
2	Up and down cursors	5	Control mode
3	Fan speed control	6	Air mixture control

11.1.2 Coachair controller



1	Fan only, off and full A/C	3	Display
2	Four level fan speed control	4	Temperature control