ZEUS K670 | Owner’s Manual

ENGLISH EDITION | ORIGINAL REVIEW: 29 JUL 2026 | INSTALLED SPECIFICATION TAKES PRIORITY

2023 legacy specification

Common equipment for the K670 series. English edition of the Korean reference manual reviewed on July 29, 2026.

Find your equipment

Interior: power, heating, cooling and appliances.
Sanitation: fresh water, wastewater and cassette toilet.
Exterior: awning, shore-power cable and stabilizers.
Vehicle support: air suspension, DEF and fuel.

Before using this manual

Apply instructions only when the appearance and model of the installed equipment match. Equipment varies by model year and options. The installed equipment and its manufacturer’s markings take priority.

Legacy reference only. This translation does not verify the safety or suitability of procedures flagged for vehicle-specific verification.

Contents & applicability

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Interior equipment

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Exterior & vehicle support

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Applicability

This manual covers common equipment in older ZEUS K670 vehicles. Check the actual vehicle and manufacturer’s markings; equipment may differ by model, year and options. Page numbers match the Korean edition.

Illustrations

Original equipment photographs and display screenshots are retained for identification. Labels visible on equipment or screens may remain in Korean. English operating explanations are provided on each page.

Default doorlock codes have been removed. Do not apply the battery-voltage table, emergency-start, fuse or air-suspension procedures before verification by the responsible staff.

Control panel

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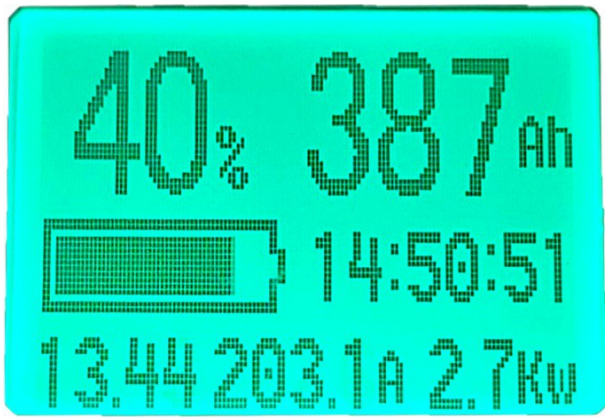
Functions

01 Main power: cabin electrical supply.
02 220V: inverter.
03 A/V: TV and audio.
04 Water pump: fresh-water supply.
05 Refrigerator: power.
06 Auxiliary lights: rear lighting.
07 Main lights: rooflight lighting.
08 Exterior lights: awning lighting.
09 Ambient lighting: dimmer.
10 Water level: fresh-water remaining.
11 Battery monitor: available power.
12 Boiler: heating and hot water.

Before use, check that the installed control panel and its button layout match the reference.

Reading the battery monitor

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Readings

Remaining battery: % · Available capacity: Ah · Estimated use/charging time: h · Voltage: V · Current: A · Power: W.

Backlight

Steady: shows power currently being used.
Flashing: shows net charging, after subtracting consumption from charging power.

Periodic charging

The original guide recommends a full external charge every 2–3 months. Follow the installed battery and BMS specifications. The monitor’s configured capacity must match the actual battery.

Figures and procedures require verification. Do not infer battery condition from this display alone.

Battery-voltage reference

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Discharging: original reference

12.8 V = 41%
12.6 V = 21%
12.4 V = 12%
12.2 V = 8%
11.2 V = 3% (BMS cutoff)

Charging: original reference

13.5 V = 51%
13.7 V = 83%
13.9 V = 92%
14.2 V = 94%
14.4 V = 95%
14.6 V = 100%

Interpretation

These figures are reproduced from the 2023 source, not a definitive state-of-charge chart. Load, charging conditions and cell configuration affect voltage. The battery video will be added after its link is confirmed.

Reverification required. Do not apply this table until responsible staff have checked the installed battery/BMS.

Windows

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Opening

Press and hold the handle button while turning counterclockwise. The window stays at the selected position. Pull again with steady force to release the stay.

Two locking positions

First lock: leaves a gap at the gasket for ventilation and reduces prolonged gasket compression during extended parking.
Second lock: fully sealed travel position, preventing wind entry and damage.

Use the first lock only for ventilation in dry weather. Set every handle to the second lock before driving, leaving the vehicle unattended, rain, washing or strong wind.

Bluetooth car audio

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KMM-BT30 series pairing

1. Press SRC to turn on the audio unit.
2. On the phone, select the matching Bluetooth device.
3. When PAIRING / PRESS appears, press the volume knob to confirm.

After pairing

Automatic reconnection may work on later use. If connection fails, forget the pairing and pair again.

Figures and procedures require verification. Set up only while stopped. For another model, use its manufacturer’s manual. Remove paired devices before transferring the vehicle.

Smart TV: getting started

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Power & controls

Turn on A/V at the control panel, then use the TV remote’s power button. Use Home, arrow keys and OK. Online content requires Wi-Fi. Remote layouts vary.

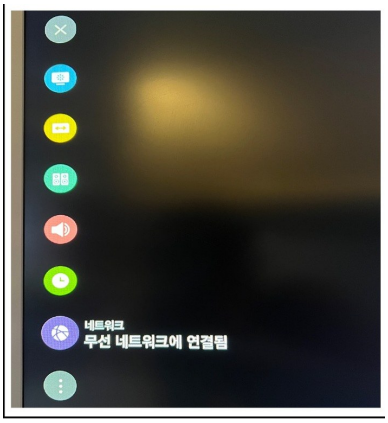
If the TV does not turn on

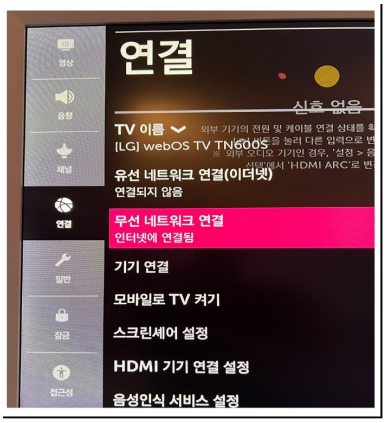
Check cabin main power and A/V power, then the TV’s bottom or side power switch.

Set up while parked. Secure the TV mount before driving. Remove saved Wi-Fi networks and accounts before transferring the vehicle.

Smart TV: Wi-Fi

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Connect

1. Open Settings.
2. Select Network, then Wireless.
3. Select your network or phone hotspot.
4. Enter its password and check the connection.

Screen differences

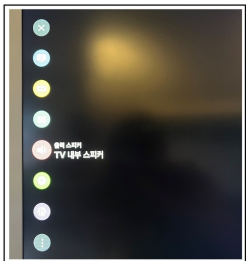
Menus may differ depending on software and router. The retained screenshots are reference illustrations, not a guarantee of your TV’s current menu.

Figures and procedures require verification. Use the actual TV model’s instructions if its menus differ. Set up while parked.

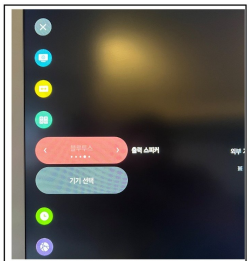
Smart TV: Bluetooth sound

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1. 설정 - 출력 스피커



2. 블루투스 기기 선택



Connect a speaker or headset

1. Put the speaker/headset into pairing mode.
2. Open the TV’s sound/output-speaker settings.
3. Open Bluetooth devices and search.
4. Select your device and check audio output.

Screen differences

The menu and device search depend on the TV and audio device models. Pairing mode must be active on the audio device first.

Figures and procedures require verification. Set up while parked. Refer to the installed equipment’s manufacturer instructions when the menus differ.

Boiler control dial

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Start & stop

Press the dial to turn on. Rotate to the heating icon and press to select. Select and confirm the timer time. Hold the dial to stop. A red light around the dial indicates operation.

If an error occurs

Identify the installed model and the error. Do not repeatedly restart without checking the cause.

Figures and procedures require verification. Keep external air intake and exhaust clear. If you notice exhaust odor, smoke, a CO alarm or unusual noise, stop immediately, ventilate and leave the vehicle.

Heating circulation pump

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Controls

Circulation switches may be near the Bluetooth audio unit or bunk. They operate separate heating zones. The dial to the right of the circulation/boiler switch is described as the heater circuit in the original guide.

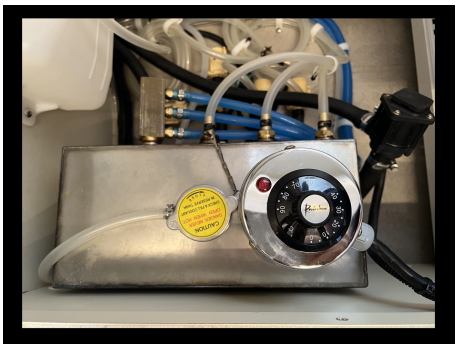
Cold-weather precautions

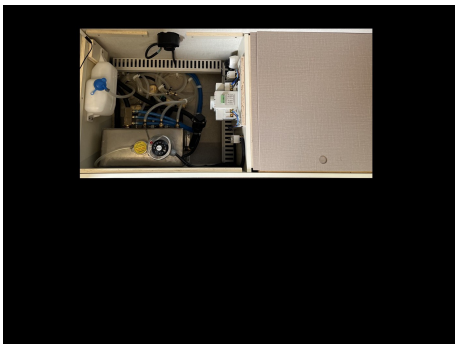
The original recommends using the circulation pump in winter to help prevent freezing. During storage, do not rely on heating alone; verify that tanks and pipes have been drained as appropriate.

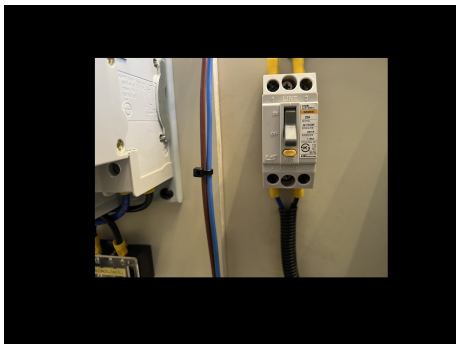
Figures and procedures require verification. Switch labels and wiring can differ. Do not operate unidentified controls or assume the illustrated circuit matches your vehicle.

Electric auxiliary heater

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Identification

The source shows an electric heating element under the sofa, its dial, equipment location and dedicated earth-leakage breaker. This is a high-power 220V device.

Verification before use

Responsible staff must check the actual device, plumbing, breaker, 220V supply, power demand, inverter load, circulation and overheat protection, then provide vehicle-specific instructions.

Do not operate before verification. Do not use if there is leakage, overheating, odor or uncertain circulation. Contact after-sales service.

12V & 220V sockets

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12V socket

Use DC 12V equipment only. The original guide prohibits loads of 120W or more. Do not use plugs with exposed metal or short plugs.

220V socket

Turn on the 220V inverter at the control panel before use. Turn it off afterward. Avoid using several high-power appliances simultaneously.

Even one kettle, hairdryer or induction hob may exceed the inverter’s continuous rating. The combined load must not exceed that rating.

Refrigerator

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Original seasonal settings

Spring/autumn: gear 4–6; airflow midway between MIN and MAX.
Summer: gear 2; airflow about 3/4.
Winter: gear 2; airflow about 1/4.

Use & storage

The refrigerator uses a separate circuit from the 220V inverter. For long periods without use, switch off and leave the doors open to dry. Overfilling reduces air circulation.

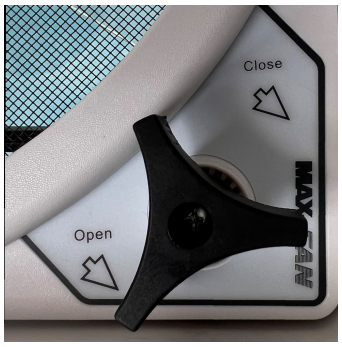
These are 2023 original reference settings and require verification. Adjust for the installed model, ambient temperature and contents.

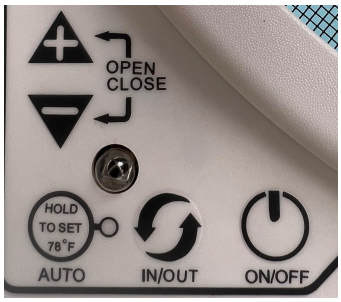
MAXXFAN roof fan

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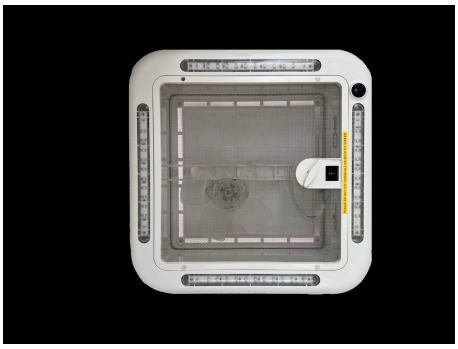
Controls

+ / −: fan speed.
ON/OFF: power.
AUTO: automatic mode, approximately 78°F (25.5°C).
OPEN/CLOSE: roof cover.
IN/OUT: airflow direction.
Manual knob: operate the cover without power.

Fully close the roof cover before driving. Driving with it open can cause damage.

Bathroom ventilation fan

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Use

1. Open the roof cover with its lever.
2. Turn on the bathroom light/fan power.
3. Select airflow direction.

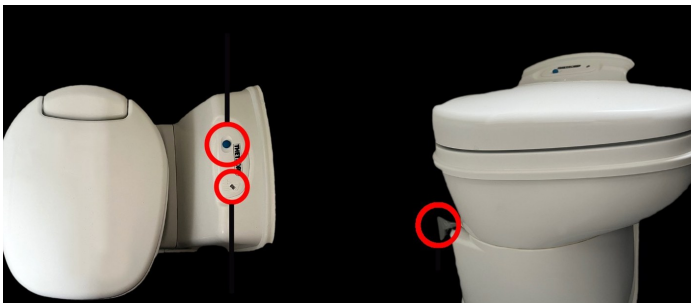
Direction switch

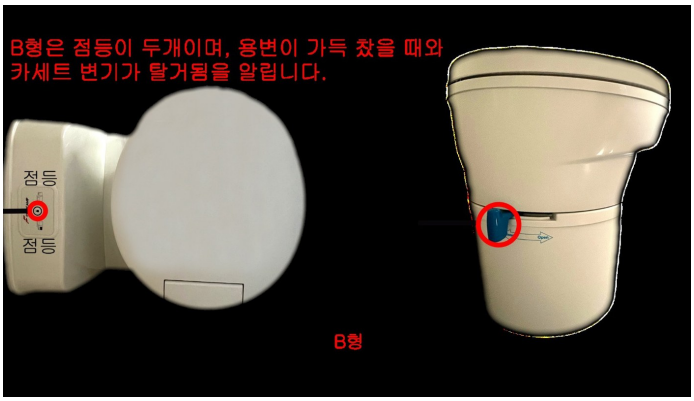
+: intake, outside air into the vehicle.
O: stop.
−: exhaust, air out of the vehicle.

Fully close the roof cover before driving.

Cassette toilet: inside

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Type A (left photo)

Hold the flush button to release water. Pull the handle to open the waste discharge. The red indicator shows the cassette is full.

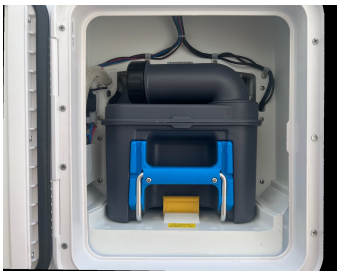
Type B (right photo)

Indicators show a full or removed cassette. Verify the flush button and handle on the actual model. The original instructions contain a duplicated description, so the operation must be checked before use.

Figures and procedures require verification. Check the physical equipment before operating. If buttons or levers differ, use the manufacturer’s manual rather than assuming the illustrated procedure applies.

Cassette toilet: outside

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Remove & empty

Use the yellow handle to remove the cassette. SOG ventilation may run when bathroom power is on. Empty only at a designated disposal point; press the yellow vent button while emptying.

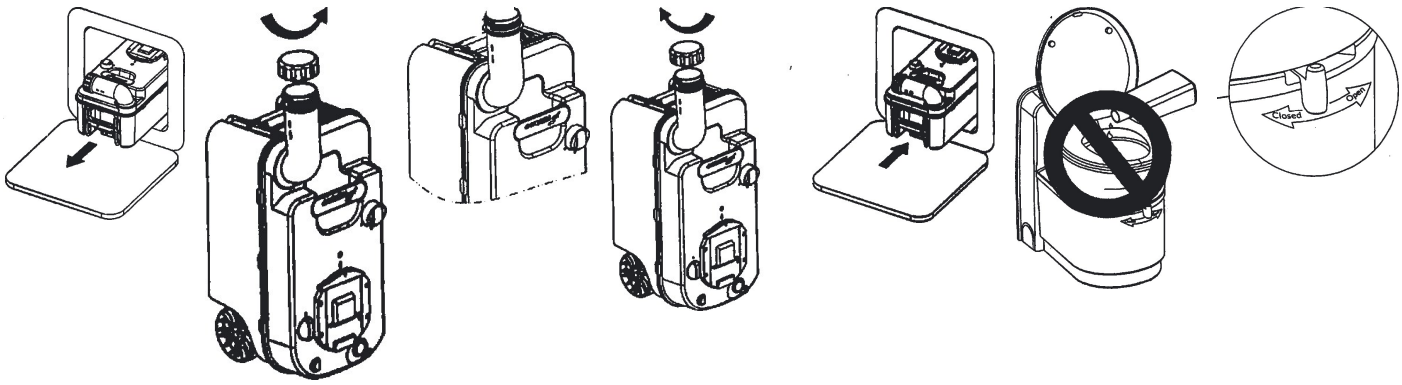
Cleaning & refitting

Use only chemicals and dosages approved by the manufacturer. Do not use household detergents, bleach or abrasives. Wear gloves. Close the opening and align the keyway correctly before refitting.

Use designated sanitation facilities. Do not force a cassette into place; check alignment and closure.

Cassette toilet: adding chemicals

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Procedure shown in the source

1. Open the service door, release the cassette lock, then withdraw the cassette horizontally.
2. Stand it upright, rotate the emptying spout and remove its cap.
3. Add the dedicated chemical and water as directed on its label.
4. Replace the cap, fold the spout back, close the valve and align the rails before refitting.

Dose & model

The pictures above identify components; follow the numbered text, not their order. The source diagrams are illustrative only. Follow the actual manufacturer’s product, dilution, dosage and cassette design.

Figures and procedures require verification. Add chemicals only through the emptying spout, not through the bowl or valve; otherwise seals may be damaged. Do not force insertion. Check the CLOSED handle position, rails and lock alignment.

Doorlock

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Private credentials

Default codes have been removed. The owner must obtain initial/admin credentials privately.

Change administrator code

* > [current admin code] > # > 0 > [new 6-digit code] > # > [repeat new code] > #

Change opening code

* > [current admin code] > # > 9 > [new 4-digit code] > #

Register a card

* > [current admin code] > # > 1 > tap card > *

Verify the installed model before applying these sequences. Button order and required code lengths can differ.

Awning

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Deploy & secure

Lower one support leg slightly so rainwater can run off. Secure with pegs and straps.

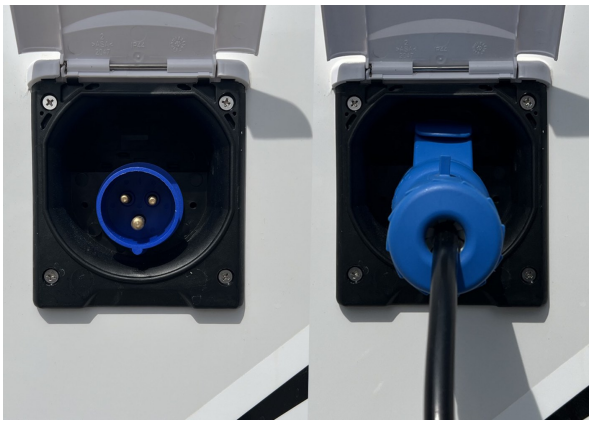
Retract

Do not deploy if strong wind is expected; retract immediately. Do not use the awning during snowfall or when snow accumulation is expected; fully retract it. Fully retract and lock before driving or leaving the vehicle for an extended period.

Wind and accumulated water or snow can damage the awning. Check that it is fully closed and secured before travel.

Shore-power cable

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Connect safely

1. Check for damaged insulation, a crushed cable or deformed plugs. Fully uncoil the cable.
2. With dry hands, connect it fully to the vehicle inlet.
3. Use a correctly rated, grounded external supply protected by a circuit breaker.
4. Turn off external power before disconnecting from the vehicle.

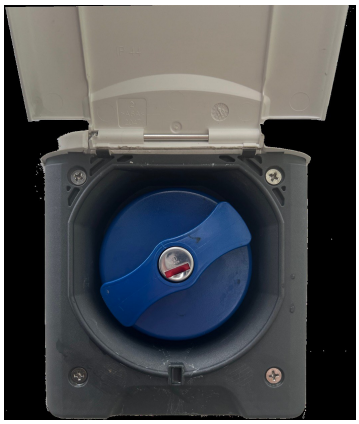
Periodic charging

The original recommends external charging of the LiFePO4 battery approximately every three months. The installed battery/BMS requirements take priority.

Figures and procedures require verification. Keep connectors dry and inspect the complete cable and supply before use.

Fresh water: filling & use

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Fill

Park on level ground; a slope can affect the gauge. Unlock the filler and use a clean hose. Fill slowly with verified potable water through a drinking-water hose.

Pump

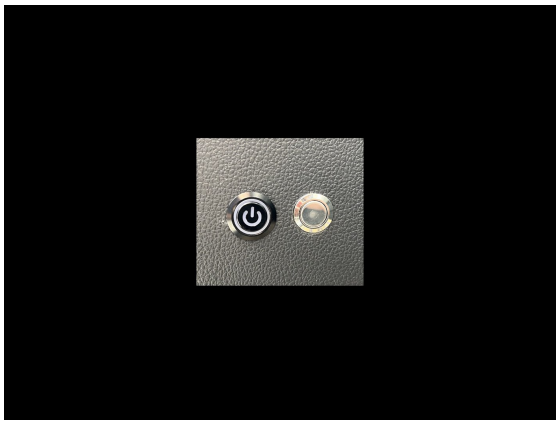
Run the pump only while using water and switch it off afterward. Never run it with an empty tank.

Do not drink stored water whose quality has not been verified.

Drain & emergency starting

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Drain

The original states that the drain button is used with the engine running. This is circuit-specific and requires verification. For tank cleaning, use an approved product at the specified tank-capacity dosage and rinse.

Emergency starting

Only for equipped vehicles in an emergency. The original button-and-start procedure is withheld from this public guide pending checks of the circuit and operating time limits. Electrical staff must verify the circuit and provide vehicle-specific instructions.

Do not operate before verification. Never use emergency starting with a damaged, leaking, frozen or hot starting battery, or if an unusual odor is present.

Wastewater disposal

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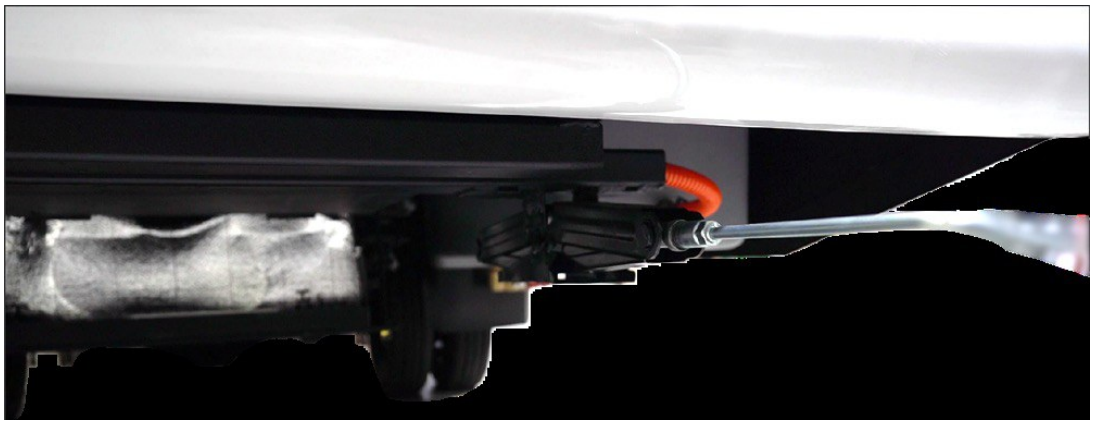
Empty the tank

Firmly attach the provided hose underneath the vehicle. The source valve is open with the handle horizontal and closed with it vertical. Empty only at an approved disposal point. Close the valve and fit the cap afterward.

Never discharge while driving. Do not leave the wastewater valve open during water use.

Stabilizers

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Purpose

Stabilizers reduce movement while parked. They are not jacks for lifting the vehicle.

Set & stow

Park on firm, level ground and apply the parking brake. Use the handle/socket to lower the stabilizers until they contact the ground. Raise all stabilizers fully before driving. Keep the handle in the driver’s area as a reminder.

Never drive with a stabilizer lowered. Do not use stabilizers to lift the vehicle.

Fuses

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Check before replacing

Have responsible staff verify the installed circuit and procedure first. Turn off shore power, inverter, cabin main power and the affected equipment.

Source replacement procedure

Identify the circuit indicated by its warning light. Replace with a spare of the same color and rating. Check the indicator and equipment function.

If a fuse blows again, do not fit a higher-rated fuse. Stop use and request wiring inspection. Verification is required before applying this procedure.

Air suspension

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WABCO: original control reference

The original describes operation with the engine running.
Button 1: pressing it lights the central green indicator.
Button 2: raise/lower height.
Button 3: automatic mode, but the actual function is unverified.
Button 4: STOP.

Vehicle-specific settings

Automatic reference height and return-to-driving height can vary. Verify the actual model, configuration and vehicle instructions before use.

Do not operate before verification. Park level with the parking brake applied. Never operate while anyone is underneath the vehicle.

DEF & fuel

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Original capacities

DEF: 20 L.
Fuel: 75 L.
These are reference capacities from the original specification, not confirmation of your installed tanks.

Displays & supply

The original describes checking DEF through the trip display using the steering-wheel menu controls. Fuel is shared by the chassis and boiler, so a low fuel level may affect boiler operation.

Verify your vehicle

Tank capacities and displays vary by chassis, options and modifications. Registration/installed specifications take priority. Check delivery documentation and chassis information.

Figures and procedures require verification. Fully switch off the boiler before refueling.