

DACH

OWNER'S MANUAL

www.dachvehicles.com

Apollo 4+2

Table of Contents

1	Contact Us	Page 8
2	Introduction	Page 10
	About This Publication	Page 11
	Illustrations	Page 11
	About This Manual	Page 12
	Important Information	Page 12
3	Practice Safety	Page 13
	Safety Guidelines for Vehicle Maintenance	Page 14
	Operator Safety	Page 15
4	Warranty Information	Page 16
	Limited Warranty Terms and Conditions	Page 18
	Exclusions	Page 19
	Limited Warranty Term	Page 19
	Sole Remedy	Page 19
	Liability	Page 19
	Battery Warranty and Specifics	Page 20
	Reserved Rights	Page 20
	DISCLAIMER	Page 20
	WARNING	Page 20

5	Vehicle Model Information	Page 21
	Vehicle General Specifications	Page 24
6	Seat Belts	Page 25
	Fastening And Unfastening The Seat Belts	Page 26
	Seat Belt Precautions	Page 26
	Seat Belt Extensions	Page 27
7	Key	Page 28
	Key	Page 29
	NFC and Bluetooth key matching method	Page 29
	Method for shutting down the vehicle	Page 29
8	Side-View Mirrors	Page 30
	Mirror Adjustment Precautions	Page 31
9	Multi-Functional Media	Page 32
	Large-Screen Interface	Page 33
	Sound Effect Interface	Page 36
	Large-Screen Sound Field Control Interface	Page 37
	Large-Screen Charging Interface	Page 38
	Multifunction Steering Wheel	Page 39
		Page 39

	Cruise Control	Page 39
	Sound Bar	Page 40
	Bluetooth Music Playback	Page 40
	USB Music Playback	Page 41
	Mode Switching and Connection	Page 41
	Lighting Selection	Page 41
	Volume Control	Page 41
	Track Selection	Page 41
10	Seats	Page 42
11	LiFePO4 Batteries	Page 44
	Configuration Instructions	Page 45
	Operating Safety Instructions	Page 45
	Battery Service Warnings	Page 45
	Battery Operation	Page 47
	Battery Installation And Disassembly Instructions	Page 47
12	Charger	Page 48
	Charger Instructions	Page 49
	Electrical Specifications	Page 49
	Charging Procedure	Page 49
	Vehicle Charging And Power Supply Requirements	Page 50

13	Brakes	Page 51
	Brake Operation	Page 52
	Brake Precautions	Page 52
	Locating the Brake Fluid Reservoir Checking the Brake Fluid	Page 52
	Brake Fluid Specification	Page 53
	Electromagnetic Brake	Page 53
	Manual Release of Electromagnetic Brake	Page 54
14	Rear-View Camera	Page 55
15	Loading Capacity	Page 57
16	Towing	Page 59
	Towing Warnings	Page 60
17	Fuses	Page 61
18	Maintenance	Page 63
	Wheel Replacement	Page 64
	Brake Adjustment	Page 64
	Jacking Points	Page 64
	Regular Maintenance Chart	Page 65
19	Storing the Vehicle	Page 66
	Preparation	Page 67

20	Operation and Control	Page 68
	Powering the Battery On/Off	Page 69
	Vehicle Startup	Page 70
	Vehicle Shutdown	Page 70
	Caution	Page 70
	Driving Operations	Page 71
	Turn Signal Operation	Page 72
	Light Operation	Page 73
	USB Data Port	Page 74
	Wireless Phone Charging	Page 74
21	Rims & Tires	Page 75
	Tire Conditions	Page 76
	Tire Care Tips	Page 76
22	Vehicle Starting Procedure	Page 77
	Vehicle Inspection	Page 78
	Starting the Vehicle	Page 79
	Parking and Exiting the Vehicle	Page 79

Contact Us

DCD VEHICLE CORP.

www.dachvehicles.com

If you have any questions, please contact serviceandparts@dachvehicles.com



Introduction

About This Publication

Thank you for purchasing a DACH Electric Vehicle. This Owner's Manual provides essential information for the proper operation, maintenance, and care of your new DACH vehicle. Familiarizing yourself with this information will help you maximize your DACH vehicle's performance. If you have further questions or need clarification on anything regarding the operation or maintenance of your vehicle, please contact your authorized DACH dealer or visit our website, as follows: www.dachvehicles.com.

Important Notes

Operate your vehicle according to all applicable laws and regulations.

Ensure that all necessary information related to the vehicle is transferred to the new owner.

All detailed photos in this Owner's Manual are for reference only, the actual configuration of the product you purchase may differ.

Safety Warning

Distracted driving can lead to loss of control, accidents, and injury. Exercise extreme caution when using any device that may divert your attention from the road. Safe operation of your vehicle is your responsibility. We advise against using hand-held devices while driving and recommend utilizing voice-operated systems when possible. Be aware of local laws regarding the use of electronic devices while driving.

Illustrations

Some illustrations in this manual may show features from different models, which may differ from your vehicle.

About This Manual

Reading this manual will provide a comprehensive understanding of your DACH vehicle.

Important Information

Warning

The safety alert symbol indicates a need for caution. Ignoring these warnings could result in severe injury or death to the vehicle occupants or bystanders.

Caution

Sections under this heading emphasize important precautions to prevent vehicle damage

OPERATING INSTRUCTIONS

Before operating the vehicle, read the owner's manual and vehicle safety warnings. Learn and understand the controls.

TO OPERATE

Make sure the wheels are turned in the direction you want to travel, and the path is clear. Ensure the NFC card key is in the driver's possession, then bring the NFC card key close to the NFC sensing area until a prompt sound is heard. If a phone is bound to the NFC card key, use the phone close to the NFC sensing area until the prompt sound is heard. If the phone is bound to the NFC module's Bluetooth, ensure the phone is on the driver or placed on the dashboard, then press and hold the start button for 1-3 seconds until the indicator light turns on, holding the brake pedal down, turn the gear selector to forward (D/E) or reverse (R), and the vehicle will begin to move when you press the accelerator pedal. Gently press the accelerator pedal to increase speed.

TO STOP

Release the accelerator pedal and press the brake pedal.

WARNING

Unintended movement of the vehicle can result in serious injury or death.

BEFORE LEAVING THE VEHICLE

Switch the gear selector to Neutral (N). Bring the NFC card key or the phone bound to the NFC card key close to the NFC sensing area again until a prompt sound is heard; or press and hold the start button for 1-3 seconds until the indicator light turns off. Remove the NFC card key and phone when leaving the vehicle.

Note: DACH Electric Vehicles strives to produce the highest quality products. Although this manual contains the latest product information available at the time of printing, there may be slight differences between this manual and your vehicle. If you have any questions, please contact your authorized DACH dealer or visit www.dachvehicles.com

Practice Safety

Safety Guidelines for Vehicle Maintenance

General Safety Instructions

Always follow the manufacturer's safety guidelines as specified in the owner's manuals. These guidelines include, but are not limited to, the safety measures outlined below. Failure to comply may result in personal injury, equipment damage, or improper vehicle operation.

During Maintenance

1. Vehicle Immobilization

Ensure the vehicle is completely immobilized before performing any maintenance or service work to prevent unintended movement.

2. Chassis Support

When working underneath the vehicle, securely support the chassis with approved blocks or stands to prevent accidental shifting or movement.

3. Electrical System Isolation

Before beginning any service on an electric vehicle, disconnect and disable the electrical system in accordance with manufacturer procedures to prevent electrical shock, short circuits, or component damage.

4. Use of Insulated Tools

Always use properly insulated tools when servicing electrical components or working near battery systems to reduce the risk of electrical shock and damage to the electrical system.

Post-Maintenance Protocols

1. Safety System Verification

Confirm that all safety-related systems—including brakes, steering, warning systems, and lighting—are functioning properly and remain in their original configuration. Do not modify or bypass any safety mechanisms.

2. Operational Inspection

After any maintenance or repair, the vehicle must be inspected by a certified and trained technician in a controlled, pedestrian-free environment to ensure proper adjustment and safe operation.

3. Maintenance Documentation

Maintain accurate and detailed service records, including service dates, provider information, and descriptions of work performed. Regularly review maintenance logs for completeness and accuracy.

4. Operator Feedback Integration

Utilize operator feedback or service comment cards to identify non-routine maintenance needs and address vehicle-specific issues proactively.

5. Labeling and Identification

Ensure all vehicle labels, nameplates, safety warnings, and operating instructions remain intact, visible, and legible as originally provided by the manufacturer.

Operator Safety

Before Driving

1. Read the manual and safety instruction labels on the vehicle.
2. Ensure all passengers are seated with seat belts fastened.

Starting and Stopping

1. Turn the vehicle on.
2. Switch the gear onto "D/E" to move forward or "R" to reverse.
3. Press the accelerator to start moving and use the parking pedal to stop.

Driving Safely

1. Drive according to the terrain, visibility, and conditions.
2. Be cautious in crowded or slippery conditions.



Warnings

Water Crossing

Never attempt to drive through deep or flowing water, as this may result in loss of control, injury, or death.

Slippery Conditions

When driving in conditions that require tire chains or cables, drive cautiously. Maintain low speeds, allow for longer stopping distances, and avoid aggressive steering to prevent losing control, which can cause serious injury or death. If the vehicle begins to skid while turning, steer in the same direction as the skid until control is restored.

Passengers and Children

Do not allow a passenger to hold a child on their lap while the vehicle is moving. Failure to follow this can result in injury or death during a sudden stop or crash.

Child Safety

Do not use pillows, books, or towels to boost a child's height. Ensure the shoulder section of the seat belt is properly positioned, not under the arm or behind the back, to maintain its effectiveness and reduce injury or death risk in a crash.

Unattended Children and Pets

Never leave children or pets unattended in the vehicle. Failure to follow this can result in injury or death.

Warranty Information

DACH



Limited Warranty Terms and Conditions

DACH VEHICLE CORP("DACH™") provides a Limited Warranty for any new electric vehicle, ensuring they are free from material or workmanship defects. This warranty covers parts are applicable only to the original purchaser.

DACH™ warrants to the original purchaser or lessee, as defined herein, and subject to the conditions, limitations, and exclusions in this warranty, that any new vehicle or new component purchased from DACH™, or an authorized dealer or distributor, will be free from defects in material and workmanship under normal use and service for the specified periods below.

Limited Warranty Period:Commences on the vehicle's retail date of purchase.

Part or Component	Warranty	Part or Component	Warranty
Frame	LIFETIME	LiFePO4 Battery(Full Replacement)	5 Year
Controller	2 Year	Electric Motor & Rear Axle	2 Year
Solar Panel	2 Year	Windshield	1 Year
All Other Parts and Components			2 Year

Exclusions

- Routine maintenance, normal wear and tear, proper tire pressure and cosmetic deterioration, or electrical components damaged as a result of fluctuations in electrical current.
- Damage caused by neglect, abuse, accidents, unauthorized parts or accessories, or external events such as vandalism or acts of nature.
- Repairs performed by someone other than an authorized and qualified dealer or dealer personnel shall void the Limited Warranty.
- Expenses for transportation to/from service locations.
- Fuses, decals (except safety decals), light bulbs, lubricants, trim pieces, seat cushions, routine wear items such as brake pedals, brushes, mats and pads, tires and maintenance adjustments.
- Cosmetic deterioration and items that deteriorate or fail due to environmental exposure or ordinary wear and tear, including paint fading due to chronic sun exposure or improper storage.
- The above warranty terms do not apply to commercial vehicles (those used for generating economic revenue).

Limited Warranty Term

- shows signs of neglected maintenance or use beyond the description in the Owner's Manual.
- shows signs of usage of non-OEM (unapproved) parts, modifications, or alterations.
- shows signs of non-approved electrical installations or modifications.

Sole Remedy

If any defect arises, DACH™ will, at its discretion, repair or replace the part with original OEM parts or reconditioned parts at its factory option. As for the defective parts, replaced under the terms of this Limited Warranty, are the sole properties of DACH™ and must be returned to DACH™ upon request.

Liability

In no case shall DACH™ be liable for indirect, incidental, special, punitive, or consequential damages, including but not limited to death, personal injury, or property damage arising from or related to any alleged failure in a vehicle or battery charger, or any damage or loss to the purchaser or any third party for lost time, inconvenience, or any economic loss, whether or not the company was aware of the foreseeability of such damages or losses. Any legal claim related to a warranty breach must be filed within three (3) months from the date

of the claim. This limited warranty gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow the exclusion of incidental damages or limitations on how long an implied warranty may last, so the above exclusions and limitations may not apply to you.

Battery Warranty and Specifics

- The warranty period for amp hours is tracked by DACH™.
- Battery warranty claims must undergo testing specified by DACH™.
- Any non-factory modifications made directly to the batteries will void the Limited Warranty.
- The 5-year full replacement battery warranty is only applicable to personal-use vehicles, excluding commercial-use vehicles.
- Warranty for any rental usage vehicles, taxi or other excessive use application is six (6) months and must be registered as such.

Reserved Rights

DACH™ retains the right to inspect vehicles, modify designs, or evaluate warranty claims without having to update previous products. The purchaser acknowledges that this Limited Warranty is the complete warranty provided by DACH™, and any exceptions or modifications to this warranty are invalid without written approval from DACH™ Corporation.

DISCLAIMER

THIS LIMITED WARRANTY IS EXCLUSIVE. DACH™ MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE THAT EXCEED THE OBLIGATIONS OR TIME LIMITS STATED IN THIS WARRANTY ARE DISCLAIMED BY DACH™ AND EXCLUDED FROM THE WARRANTY. REPAIRING THE DEFECTIVE VEHICLE OR COMPONENT IS THE PURCHASER'S SOLE REMEDY. DACH™ MAKES NO OTHER REPRESENTATIONS OR WARRANTIES OF ANY KIND, AND NO REPRESENTATIVE, EMPLOYEE, DISTRIBUTOR, OR DEALER OF DACH™ HAS THE AUTHORITY TO MAKE OR IMPLY ANY REPRESENTATION, PROMISE, OR AGREEMENT THAT VARIES THE TERMS OF THIS WARRANTY.

WARNING

ANY MODIFICATION OR ALTERATION TO THE VEHICLE BEYOND FACTORY SPECIFICATIONS, INCLUDING CHANGES THAT AFFECT THE WEIGHT DISTRIBUTION, STABILITY, OR SPEED OF THE VEHICLE, CAN RESULT IN SERIOUS PERSONAL INJURY OR DEATH AND WILL COMPLETELY VOID THIS WARRANTY. IF THE PRODUCT WARRANTY REGISTRATION FORM IS NOT COMPLETED AND SUBMITTED TO DACH™ AT THE TIME OF THE ORIGINAL RETAIL SALE, THE PURCHASER MUST PROVIDE PROOF OF THE PURCHASE DATE, SUCH AS THE ORIGINAL RETAIL CUSTOMER INVOICE OR BILL OF SALE, WITH ANY WARRANTY CLAIM.

Vehicle Model Information



Rider

Explorer

Black

Chrome

Apollo 4+2

Walnut

Black

Silver Dash Trim

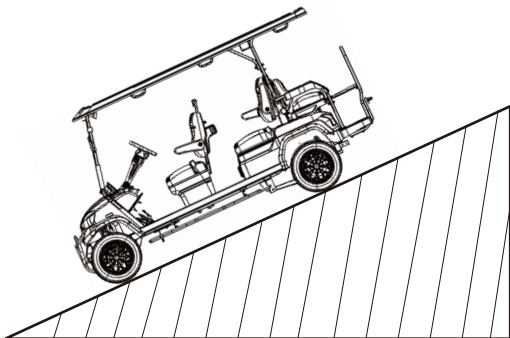


Range Notice: The driving range may vary depending on battery selection, road conditions, terrain type, passenger load, and other factors.

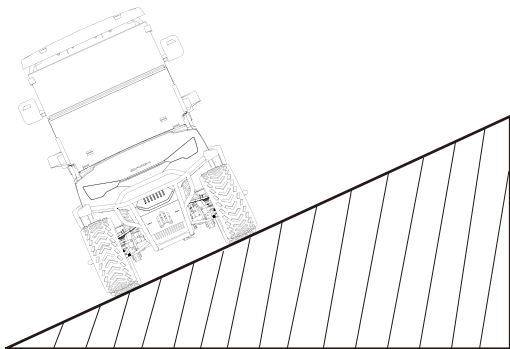
Disclaimer: Illustrations are for reference only; the actual cart may differ.

Note: Photos are for display purposes only and may not reflect the actual configuration of the purchased product.

Battery	72 V 105 Ah LiFePO4 7.7 kWh	Instrument Display	12.3 inch Multimedia Touchscreen Integrated Instrument Panel with Battery Status Voltage, Current Speed, Mileage, Fault Codes
Controller	72V DC 350A		
Motor	72V DC 6.3 kW AC Motor	Plastic Parts For The Entire Vehicle	PP&PP+Glass Fiber&ABS&PC+ABS&TPE&Rubber&PP+EPDM-T2
Onboard Charger	72v 15 kW	Roof Plastic Parts	PP
Overall Dimensions (L/W/H)	149.6 x 55.7 x 79.5 in	Rearview Mirror	Left and right rearview mirrors (with turn signal lights), interior rearview mirrors
Wheelbase	100.79 in	Suspension System	Front Double A arm Independent suspension Rear Integrated Rear Axle with Coil Springs
Maximum Load Capacity	1137.58 lb		
Accelerator	Hall Accelerator 0-5V	Steering System	Self Compensating Rack and Pinion Steering Adjustable Steering Column Waterproof Multifunction Steering Wheel
Curb Weight	1433lb	Braking system	Front and Rear Hydraulic Disc Brakes Electronic Parking Brake
Passenger Capacity	6	Lighting System	Front LED headlights Position lights Turn Signal Lights Brake Lights License Plate Lights
Frame Structure	Low carbon steel Stamped and Welded Frame		
Driving Range	≥ 55.9 miles at constant 19 mph	Steering Column	Turn Signal Switch with Self Canceling Function Position Light Switch High Beam and Low Beam Switch
Maximum factory speed	19mph	Drive Mode	Rear-wheel Drive
Acceleration	0-19 mph in 10 seconds	Rear Axle Gear Ratio	12.3:1
Front Track Width	43.39 in	Starting Mode	NFC Card Start&Phone NFC&Phone Keyless Push-Button Start
Rear Track Width	41.61 in	Gearshift Switch	R-N-D-E
Minimum Turning Radius	15.09 ft	Sound Equipment	4-inch seat bucket speaker*2+soundbar*1
Maximum Gradeability	30%	Driver Assistance Function	Cruise Control
Tire	225/50 R14 (14 inch Aluminum Alloy Rim)	Mobile Phone Charging	Wireless charging&USB charging&Type-C charging
Minimum Ground Clearance	7.09 in	Music Playing	Bluetooth connection&USB File reading
Braking Distance	13 ft		
Windshield	Hinged Double-folded Edge Glass		

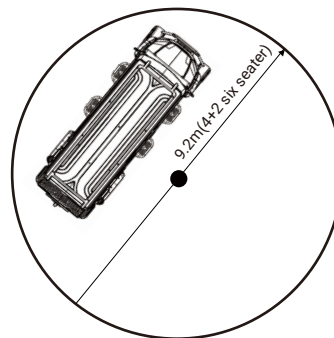


Recommended Max Ramp 30% Grade



Recommended Max Tilt Angle 25 %

Vehicle General Specifications



Vehicle Turning Clearance Diameter

Seat Belts



Fastening and Unfastening the Seat Belts

Fastening the Seat Belts

1. Insert the tongue into the buckle.
2. Pull the seat belts tight to remove any slack.

Unfastening the Seat Belts

1. Press the red button on the buckle to release the seat belts.
2. Hold the seat belt tongue and allow it to retract completely and smoothly to its stowed position.

Seat Belt Precautions



Warning

Proper Usage

Always drive and ride with your seat belt upright, and ensure the lap belt is snug and low across the hips.

Child Restraint

Children under 12 must be secured using a child safety seat appropriate for their age and size.

No Lap Holding

Do not allow a passenger to hold a child on their lap while the vehicle is moving. Failure to follow this could result in injury or death during a sudden stop or crash.

Occupant Seat Belt Usage

All vehicle occupants, including the driver, must always wear their seat belts properly. Not wearing a seat belt properly significantly increases the risk of injury or death.

Rollover Safety

In a rollover crash, unbelted individuals are significantly more likely to die than those wearing seat belts.

Specific Seat Belt Use

Each seating position has a specific seat belt assembly consisting of one buckle and one tongue designed to be used together. Use the shoulder belt on the outside shoulder only. Never wear the shoulder belt under the arm. Never use a single seat belt for more than one person.

Child Restraint

Even with advanced restraint systems, always properly restrain children 12 and under in a rear seating position. Failure to do so could significantly increase the risk of injury or death.



Warning

Hot Surface – Check seat covers and buckles before placing a child near them.

Post-Crash Inspection

If your vehicle is involved in a crash, have the seat belts and related components inspected as soon as possible.

Correct Usage

This system will only provide protection when the seat belt is used correctly.

Cleaning Warning

Do not use cleaning solvents, bleach, or dye on the vehicle's seat belts, as these actions may weaken the belt webbing.

Seat Belt Extensions

Child Restraint Positioning

Depending on the child restraint design and its position, access to certain seat belt buckle assemblies and latch lower anchors may be blocked, making them unusable. To avoid injury, ensure occupants use seating positions where they can be properly restrained.

Unnecessary Extension Use

People who fit into the vehicle's seat belt should not use an extension. Unnecessary use could result in serious injury in a crash.

Proper Extensions

Only use extensions provided by our dealers, designed specifically for your vehicle, model year, and seating position. Extensions intended for other vehicles, model years, or seating positions may not offer full protection.

Child Restraints

Seat belt extensions should never be used for child restraints.

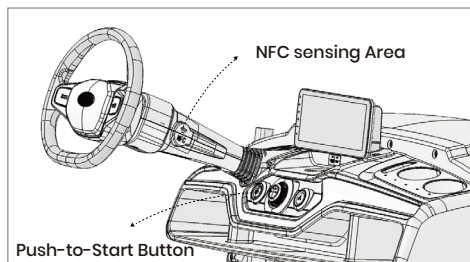
Fit Adjustment

Do not use extensions to change how the seat belt fits across the torso, over the lap, or to make the seat belt buckle easier to reach.

Key



NFC Sensing Area Diagram



Warning

1. When using NFC keys, please be sure to stay away from strong magnetic areas to avoid vehicle malfunction caused by key demagnetization.
2. When stopping the use of the vehicle, please make sure to turn off the vehicle power.

Key

The vehicle supports NFC and Bluetooth keyless start, and comes standard with 2 NFC keys.

The right way to use NFC key is holding it close to the NFC sensing area, start the vehicle, and there will be a start prompt sound.

The right way to use Bluetooth key is to carry a matched Bluetooth device, such as a mobile phone or wristband, and approach the vehicle, and press the Push-to-start button to start the vehicle, and there will be a start prompt sound.

NFC and Bluetooth key matching method

1. **Bluetooth pairing:** Use the matching NFC key and keep it in the sensing area for 5 seconds. At this time, the horn will sound 3 times, prompting to enter Bluetooth matching (the key can be released at this time). Then operate your phone, find the vehicle in the Bluetooth settings, and connect it.
2. **NFC Pairing:** Shortly press the push-to-start 5 times within 5 seconds, then swipe it with the matching NFC key within 3 seconds. The horn will sound 3 times to indicate that you have entered NFC pairing. At this time, use a new NFC card to approach the sensing area and the horn will sound 1 sound to indicate successful pairing.

Method for shutting down the vehicle

1. When the vehicle is in the starting state, press and hold the start switch to turn off the power and the vehicle will turn off the power with a high power-off prompt.
2. Use the NFC key to approach the sensing area and the vehicle will turn off the power with a power-off prompt sound.

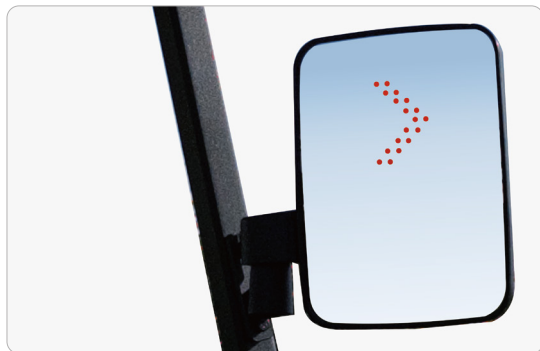
Side-View Mirrors

Mirror Adjustment Precautions

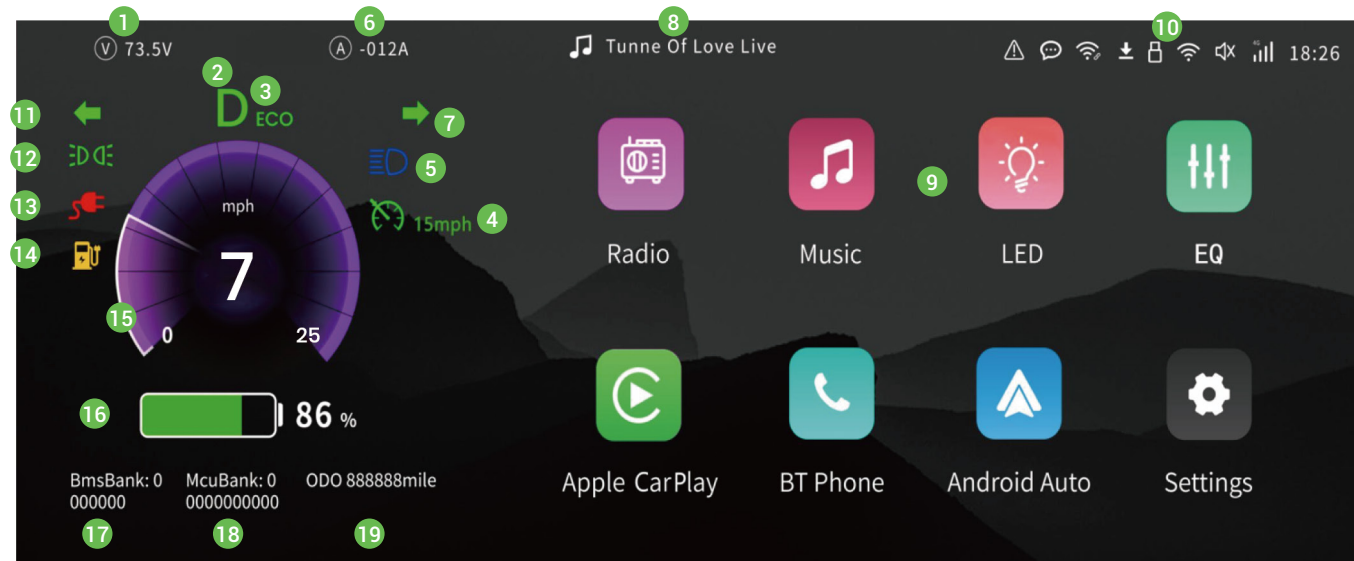
Please manually adjust the position of each rearview mirror before starting the vehicle to ensure a good driving view.

Warning

Do not adjust the mirrors while the vehicle is in motion, as this could lead to loss of control, serious injury, or death.



Multi-Functional Media



- 1.Voltmeter
- 2.Gear Indicator
- 3.Driving Mode Indication
- 4.Cruise Control Mode Indication
- 5.High Beam Indication
- 6.Ammeter
- 7.Right Turn Signal Indication

- 8.Multimedia Playback Information Display
- 9.Multimedia Display Area
- 10.Interconnected Information Display Area
- 11.Left Turn Signal Indication
- 12.Position Light Indication
- 13.Charging Connection Indicator Light

- 14.Charging Status Indicator Light
- 15.Speedometer
- 16.Electricity Meter
- 17.BMS Fault Display Area
- 18.MCU Fault Display Area
- 19.Total Odometer

1.Voltmeter

Indicates real-time voltage changes of the power battery.

2.Gear Indicator

Displays the current gear status of the vehicle.

R: Reverse gear.

N: Neutral gear.

D: Drive gear.

3.Driving Mode Indication

Displays the vehicle's driving mode.

D: Standard mode.

ECO: Energy-saving mode, with a maximum speed below 15 mph.

4.Cruise Control Mode Indication

Indicates the current cruise control status and the set cruising speed.

If the cruise speed displays as "0 mph," the vehicle is in standby mode for cruise control.

5.High Beam Indication

Indicates whether the high beams are turned on.

6.Ammeter

Displays the real-time current status of the power battery.

Negative values indicate that the battery is in a charging or energy recovery state.

7.Right Turn Signal Indication

Indicates the status of the right turn signal.

Normally, the indicator and turn signal flash at a fixed frequency.

If the turn signal is turned on and the indicator remains constantly lit, it suggests a malfunction in the right turn signal.

When the hazard lights are activated, both the left and right turn signal indicators and lights flash synchronously at a fixed frequency.

8.Multimedia Playback Information Display

Displays information such as the current multimedia audio name.

9.Multimedia Display Area

Shows the reverse camera view and multimedia app information.

Display content and operations may vary depending on software versions and multimedia configurations. Refer to the multimedia user manual for details.

10.Interconnected Information Display Area

· Displays phone information when connected via CarPlay or Android Auto.

· Display content and operations may vary depending on software versions and multimedia configurations. Refer to the multimedia user manual for details.

11.Left Turn Signal Indication

- Indicates the status of the left turn signal.

Normally, the indicator and turn signal flash at a fixed frequency.

- If the turn signal is turned on and the indicator remains constantly lit, it suggests a malfunction in the left turn signal.

- When the hazard lights are activated, both the left and right turn signal indicators and lights flash synchronously at a fixed frequency.

12.Position Light Indication

Indicates whether the position lights are turned on.

13.Charging Connection Indicator Light

Indicates the light signal vehicle charging connection status. When the indicator light is on, it indicates that the charging gun is correctly connected to the charging dock.

14.Charging Status Indicator Light

Indicates the light signal vehicle battery charging status. When the indicator light is on, it indicates that the vehicle is charging.

15.Speedometer

Displays the vehicle's real-time driving speed.

16.Electricity Meter

Indicates the remaining power level of the vehicle.

17.BMS Fault Display Area

Displays fault information for the power battery system.

If no display is present, it indicates no faults in the power battery system.

18.MCU Fault Display Area

Displays fault information for the motor drive system.

If no display is present, it indicates no faults in the motor drive system.

19.Total Odometer

Displays the total distance the vehicle has traveled.

Warm Reminder

Avoid Distraction

While the interface offers many features, safety driving should always come first. System interaction is only allowed when the golf cart is stationary.

Any differences in appearance and functional details caused by configurations or product upgrades will not be reflected in this product manual.

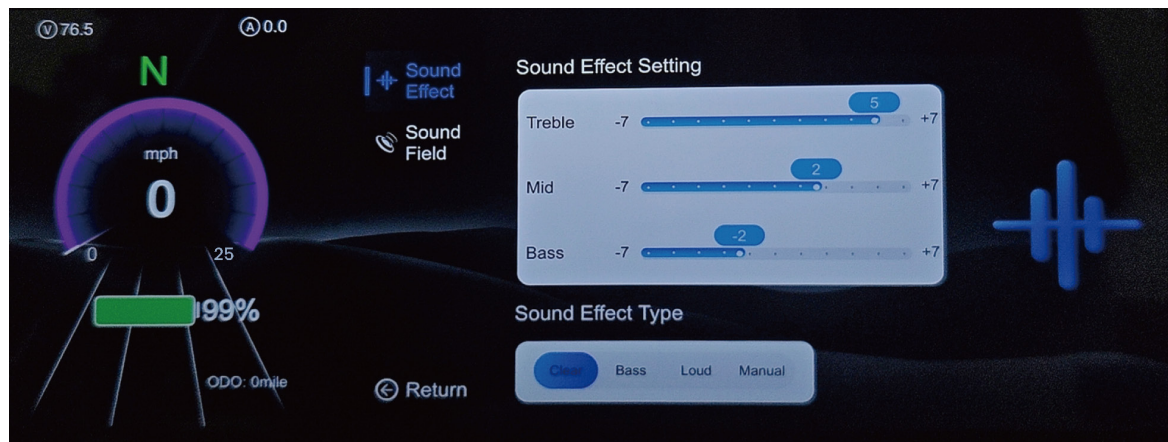
Battery Monitoring

Pay attention to the battery gauge to ensure you have enough power to complete your entire journey.

Periodic Updates

The company will periodically release updated multimedia features on its official website. Please stay informed about updates and follow the operation guide to complete the update process. This ensures your multimedia system runs optimally and includes the latest features.

*Sound Effect Adjustment: Customize Your Exclusive Auditory Style



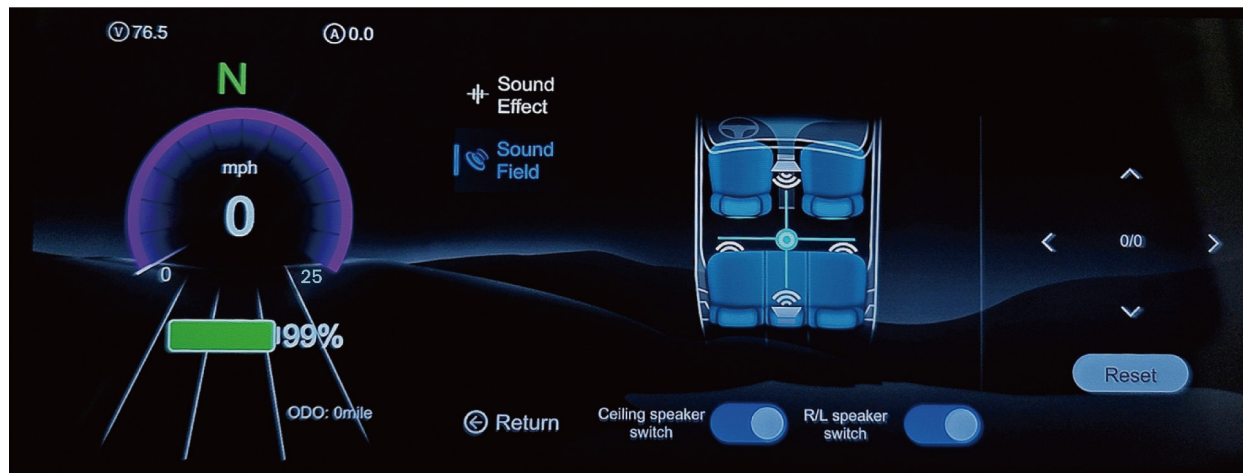
Sound Effect Setting

Manual mode, support custom by adjusting the parameters of the equalizer. - High: -7~+7. - Mid: -7~+7. - Low: -7~+7.

Sound Effect Modes

- Clear Mode:Enhances vocal clarity and instrumental detail, delivering a clean, balanced, and natural listening experience, which is ideal for everyday driving.
- Bass Mode:Boosts low-frequency output to emphasize bass response, providing deeper, more powerful sound with enhanced impact.
- Loud Mode:Optimizes overall volume dynamics and sound projection, improving audio penetration in open or outdoor driving environments.
- Manual Mode:Allows personalized fine-tuning of the sound profile through custom equalizer adjustments to match individual listening preferences.

*Sound Field Control: Precisely Locate The Sound Distribution



Sound Field Control: Precise Sound Positioning

This interface allows for visual adjustment of the in-car sound distribution, creating an immersive listening experience. Key features include:

Free Positioning: Drag the focal point directly on the diagram to quickly adjust the area where sound is focused.

Precise Control: Supports fine-tuning to accurately specify the working status of individual speakers.

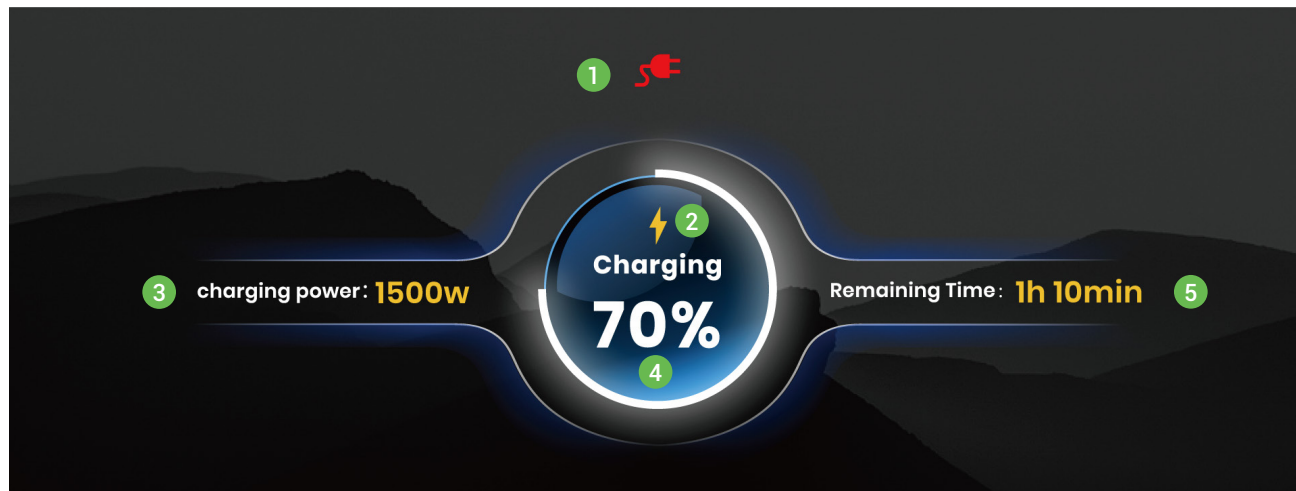
One-Key Reset: Click the "Reset" button to instantly restore the factory sound field settings.

Mode Switching: Provide roof speaker switch and the left/right speaker switch. The roof speaker switch is only applicable to vehicles equipped with roof speakers.

Charging Interface

1.Charging Connection Indicator Light

2.Charging Status Display: Charging In Progress/Charging Completed



3.Charge Power

4.Battery Level

5.Remaining Charging Time

Charging Interface Notes

This interface is displayed only when the charging connector is properly inserted and charging is successfully initiated while the vehicle is powered off.

The display will automatically turn off after 15 seconds to conserve energy. To view the charging status again, simply press the power button on the display to wake the screen.

*Applies to vehicles equipped with a multifunction steering wheel. Vehicles without this option may have a different steering wheel appearance, which is not covered in this manual.

Multifunction Steering Wheel



HOME Button

Returns the multimedia screen to the main menu.



Volume +

Short press increases multimedia volume by 1 unit. Long press increases volume continuously in 1-unit increments.



Volume -

Short press decreases multimedia volume by 1 unit. Long press decreases volume continuously in 1-unit increments.



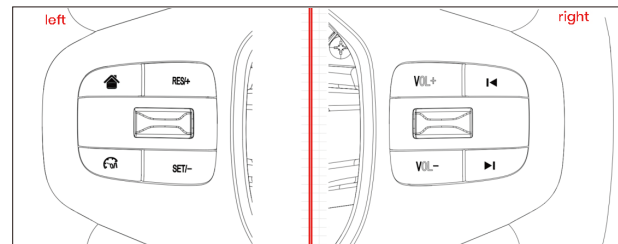
Previous Track

In music playback mode, a short press plays the previous track. In radio mode, a short press steps backward, and a long press searches backward for the previous station.



Next Track

In music playback mode, a short press plays the next track. In radio mode, a short press steps forward, and a long press searches forward for the next station.



Cruise Control



Cruise Control Switch

While the vehicle is moving forward, a short press puts the vehicle into cruise control standby mode (indicated on the instrument panel). A short press while in cruise control or standby mode deactivates cruise control.



Cruise Speed -

In cruise control standby mode, a short press activates cruise control at the current speed. Subsequent short presses decrease the set speed by 1 unit.



Cruise Speed +

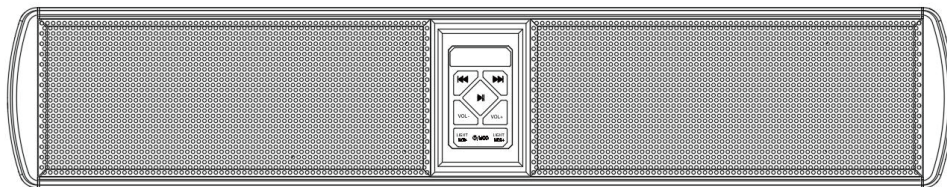
In cruise control mode, a short press increases the set speed by 1 unit. In cruise control standby mode, a short press resumes the previously set speed.

Sound Bar

Positioned at the rear of the vehicle in an elevated location, the sound bar works in conjunction with the roof speakers to create a surround sound effect. Multiple music playback options enhance the user's audio experience.

Bluetooth Music Playback

1. After turning on the vehicle, locate the multimedia display's corresponding Bluetooth device name in your phone's Bluetooth settings and pair/connect.
2. Once connected, select your preferred music app on your phone and begin playback.
3. Simultaneously, activate Bluetooth music mode on the multimedia display by pressing the music button. The music playback interface will then appear.



USB Music Playback

1. After turning on the vehicle, insert a USB drive containing MP3 or WMA format music files into the USB port.

2. Simultaneously, activate USB music mode on the multimedia display by pressing the music button. The music playback interface will then appear.

In addition to the integrated control system, the sound bar also features an independent control system with mechanical buttons located on the sound bar itself. This caters to the music playback needs of rear passengers, enhancing their overall experience.

Mode Switching and Connection

1. After powering on the sound bar, press button ① to switch from AUX mode to Bluetooth mode. In Bluetooth mode, the sound bar operates independently of the multimedia display.

2. Access your phone's Bluetooth settings and locate the sound bar's corresponding Bluetooth device name for pairing and connection.

3. Once connected, use your phone's music player to transmit and play your desired music through the sound bar.

Lighting Selection

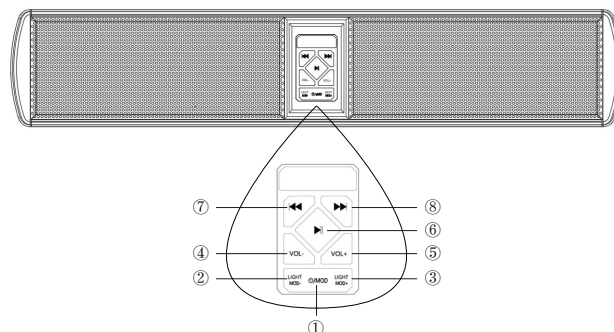
Press button ② or button ③ to select the lighting mode. Press and hold button ③ to turn off all lights.

Volume Control

1. Press button ④ to decrease the sound bar's volume.
2. Press button ⑤ to increase the sound bar's volume.

Track Selection

1. During music playback, press button ⑥ to pause. Press button ⑥ again to resume playback.
2. Press button ⑦ to select the previous track.
3. Press button ⑧ to skip to the next track.



Seats



Weight Capacity

The front seats are designed to accommodate up to two passengers. The driver and front seat passenger must wear their seatbelts while the vehicle is in motion.

Cleaning Instructions

Regularly clean the seats with a mild soap solution and a soft cloth. Avoid using abrasive cleaners or brushes that could damage the seat material.

Note: Pictures are for reference only, please refer to the actual product.



Safety Belts

Always fasten the safety belts securely when the vehicle is in use. Regularly inspect the belts for signs of wear or damage and replace if necessary.

Sun Exposure

If not necessary, park the golf cart in a shaded area or use a cover to prevent prolonged sunlight exposure from causing damage to the seat leather and materials.

LiFePO4 Batteries

Configuration Instructions

This vehicle is equipped with a standard 73.6 V / 105 Ah lithium iron phosphate (LiFePO₄) battery, installed beneath the front seat.

Battery specifications may vary due to configuration updates or product improvements. Such changes may not be reflected in this manual.

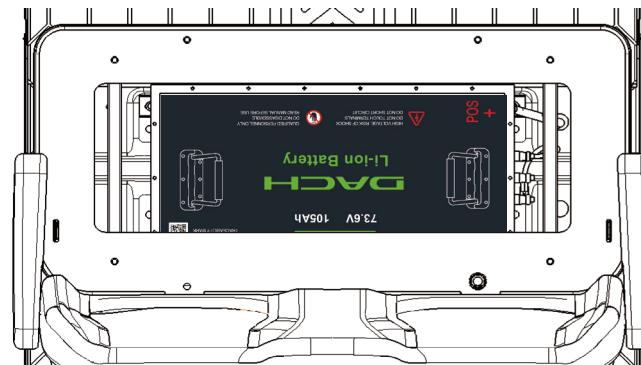
Operating Safety Instructions

1. All batteries experience a natural self-discharge during storage. The rate of self-discharge is influenced by ambient temperature and the condition of the battery.
2. When storing the vehicle, ensure the vehicle power switch is turned off and the battery disconnect switch is disengaged.
3. If the vehicle is not operated for an extended period, inspect and fully charge the battery at least once every 30 days.

Battery Service Warnings



Warning



Battery service and maintenance must be performed only by qualified electric vehicle technicians. Improper handling may result in serious injury or death.

Improper grounding may create a risk of electric shock. If you are unsure whether an outlet is properly grounded, have it inspected by a qualified electrician. Do not modify the plug to fit an outlet. A qualified electrician should install an appropriate grounded outlet if required.

3. Ensure that the outlet is installed by a certified electrician and that a receptacle compatible with the charger plug is used. To prevent serious injury or death, installation must comply with the National Electrical Code (NEC) and all applicable local regulations. In the event of a conflict between local regulations and NEC requirements, local regulations shall prevail.

4. Do not modify or alter the charger, charging plug, or connecting cables under any circumstances.

5. Do not operate or charge the battery if it has been stored outside the specified temperature range.

6. If the charging cables, control box, or charger connector are damaged, discontinue use immediately and contact an authorized dealer or service center. Do not attempt to repair the unit yourself.

7. Battery Warnings

① First-Time Use Notice

Before using this battery system for the first time, carefully read and understand all safety warnings and operating instructions contained in this manual.

② Pre-Use Requirement

Prior to operation, review all instructions in this manual to ensure proper and safe use of the battery and charging system.

8. Do not pull, bend excessively, or overstretch charging cables, as this may cause damage to the cable or connectors.

9. Ensure the plug is fully inserted into the wall outlet so that no metal prongs or blades are exposed.

10. Children must not operate or use the charger without adult supervision.

11. Do not insert fingers or any objects into the charging socket, battery terminals, or charger.

12. Do not use incompatible plugs, adapters, or connectors.

13. Fire Risk Mitigation

The charger must be connected only to an electrical system that complies with NEC standards and is properly installed. The circuit must be protected by a branch circuit rated for a maximum of 40 amps, with appropriate overcurrent protection.

14. Ventilation Requirements

Ensure adequate ventilation in the charging area, particularly during charging operations.

15. Battery Protection Mode

When the battery pack is not used for an extended period, it will automatically enter a protection mode. In this mode, the battery enters a low-power sleep state to prevent over-discharge.

Activation of protection mode depends on the battery's state of charge (SOC) and discharge conditions.

16. Protection Mode Activation Conditions

SOC between 21%–100% and unused for more than 15 days
SOC below 20% and unused for more than 48 hours
Continuous low-current discharge between 0.5 A and 2 A for more than 3 hours

When the battery enters protection mode, the LED indicators and power switch will turn off. To wake the battery from protection mode, press the battery power switch.

If your battery enters protection mode and the SOC is less than 50% after startup, it is recommended to fully charge the battery before use.

Battery Operation

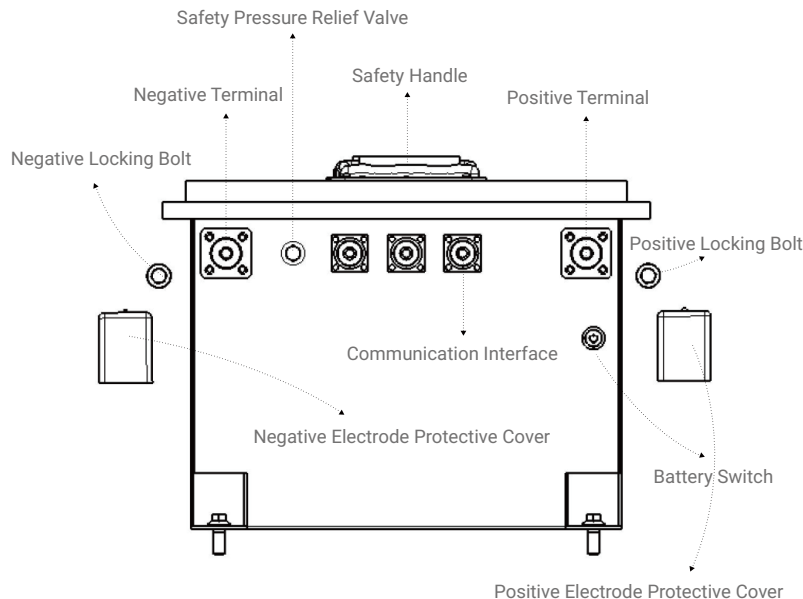
Secure the battery to the vehicle body using screws, Ensure the positive and negative terminals of the battery, as well as the communication cable, are securely connected. The battery power button must be in the "on" position. The vehicle can only operate when all the above conditions are met.

Battery Installation and Removal Instructions

1. Turn off the vehicle power and battery switch.
2. Disconnect the communication cable, negative terminal, and positive terminal in sequence.
3. Unscrew the 4 screws securing the battery, then lift and remove the battery manually.

Reinstallation: Follow the steps above in reverse order.

Note: Due to differences in product configurations and potential updates to battery specifications and appearance, such changes may not be reflected in this manual.



Unless you are a qualified professional, please do not attempt to disassemble the battery! Before removing the battery, please make sure that both the vehicle and the battery power have been completely turned off!

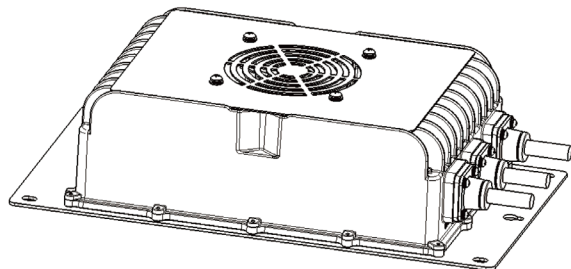
Charger

Charger Description

The onboard charger is installed in the ventilation compartment under the rear seat and communicates with the vehicle system via the CAN bus. Once connected to a power source, the charger dynamically adjusts the output voltage and current based on the requirements of the battery pack.

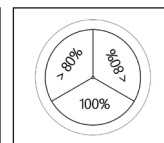
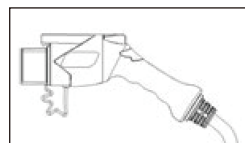
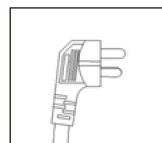
- Output voltage: Up to DC 86V
- Maximum output current: 25A

The charger is connected to the power grid via a plug located in the rear seat compartment. It converts AC 110V household electricity into DC to charge the battery pack.



Charging Procedure

1. The charger dynamically adjusts the output voltage and current based on the battery control system requirements to ensure safe operation.
2. Insert the charger plug into the vehicle's charging port and ensure the connection is secure.
3. Plug the other end of the charging cable into a 110V household outlet.
4. When charging begins, the indicator light will flash red. Once the battery is fully charged, the light will turn green.
5. After charging is complete, unplug the charger from the household power outlet first, then disconnect the charger from the vehicle's charging port. Ensure the charging port cover is closed and returned to its original position.



Vehicle Charging and Power Supply Requirements

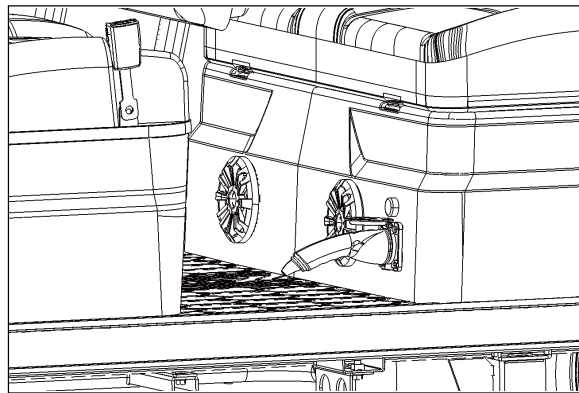
The onboard charger is designed to operate within an input voltage range of 110 V AC to 140 V AC. The external power supply must be capable of providing a minimum current of 16 amps to ensure proper charging performance.

Warning

1. Do not immerse the charger or charging equipment in water or any other liquids. Failure to do so may result in fire, serious injury, or death.
2. Do not charge the vehicle if the charger, charging cable, or connector is damaged. Using damaged equipment may cause fire, serious injury, or death.
3. Charging equipment must not be disassembled, modified, or repaired by unqualified personnel. Improper handling may result in personal injury, death, or property damage.
4. Charging equipment must be installed and used in accordance with the National Electrical Code (NEC) and all applicable local regulations. Failure to comply may result in personal injury, death, or property damage.

Attention

Due to product configuration variations and ongoing product improvements, the appearance, specifications, and parameters of the charger may change without prior notice and may not be fully reflected in this manual.



Brakes

Brake Operation

Ensure that the brakes are functioning properly. When the brake pedal is depressed with moderate pressure, the vehicle should come to a smooth, straight stop. If the vehicle pulls to one side or fails to stop, stops suddenly, or makes a grinding or squealing noise, have the brake system inspected and adjusted as required. Continuous, moderate pressure on the brake pedal should lock the wheels, but using less pressure should allow for a slow, gradual stop.

Brake Precautions

⚠ Warning

Do not use fluid other than the recommended brake fluid as this will reduce brake efficiency. Use of incorrect fluid could result in the loss of vehicle control, serious personal injury or death.

⚠ Warning

Only use brake fluid from a sealed container. Contamination with dirt, water, petroleum products or other materials may result in brake system damage or failure. Failure to adhere to this warning could result in the loss of vehicle control, serious personal injury or death.

⚠ Warning

Do not allow the fluid to touch your skin or eyes. If this happens, rinse the affected areas immediately with plenty of water and contact your physician.

⚠ Warning

The brake system could be affected if the brake fluid level is below the MIN mark or above the MAX mark on the brake fluid reservoir.

Locating the Brake Fluid Reservoir Checking the Brake Fluid



01. Park your vehicle on a level surface.

02. Look at the brake fluid reservoir to see where the brake fluid level is relative to the MIN and the MAX marks on the reservoir.

Note: To avoid fluid contamination, the reservoir cap must remain in place and fully tight, unless you are adding fluid. Location of reservoir is typically underneath the dashboard component

Brake Fluid Specification

Use fluid that meets the defined specification and viscosity grade. (DOT4)

If you do not use fluid that meets the defined specification and viscosity grade, it could result in:

- Component damage that your vehicle warranty does not cover.
- Reduced brake performance.

Electromagnetic Brake

Vehicles equipped with electromagnetic brake, please pay attention to when using the following items:

1. When the vehicle stops, the electromagnetic brake will automatically lock.
2. The vehicle in gear, stepped on the gas pedal, electromagnetic brake will be released.
3. If you need the trailer or the use of artificial pushing vehicles, can use the function of the trailer, trailer switch is located within rear seat barrels, when the switch is pressed,

the controller output current to electromagnetic brake, make its release and maintain, in this state, can be pushed or towed.

4. Use the trailer switch after the release of electromagnetic brake, when the vehicle arrives at the destination, please be sure to put trailer switch back to its original state.

5. When the trailer switch of the vehicle is in a state of press, the vehicles will be no stopping power, please don't put the vehicle in the unattended state at this time, to avoid harming themselves or others.

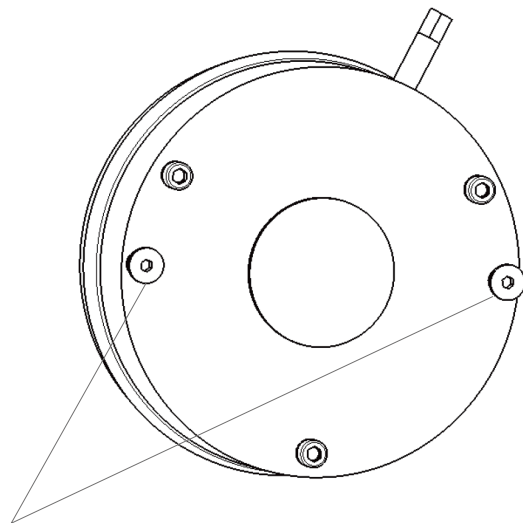
6. Release electromagnetic brake power for a long time, may cause irreversible damage to the electromagnetic brake.

7. If the battery pack cannot be turned on or no power output, the trailer switch will not be able to release the electromagnetic brake, in this case, you can manually release electromagnetic brake. For specific methods, please refer to the manual release instructions of the electromagnetic brake.

Manual Release of Electromagnetic Brake

Manually Release The Electromagnetic Brake

- 1.The electromagnetic brake is installed on the right side of the rear axle reducer and can be observed from behind the right rear wheel.
- 2.Two protruding hex socket bolts can be observed on the electromagnetic brake.
- 3.Use a 6-millimeter hex wrench to tighten the protruding screw clockwise. (Rotate about 3 times)
- 4.Tightening the protruding screw will release the brake, allowing the vehicle to move freely.
- 5.Performing the opposite operation can lock the electromagnetic brake.



Screws for Releasing Brake

Rear-View Camera

⚠ Warning

A reversing camera system is a reversing aid that uses a camera to capture real-time footage of the area behind the vehicle and displays it on the vehicle's screen, allowing the driver to see what is behind the vehicle directly.

⚠ Warning

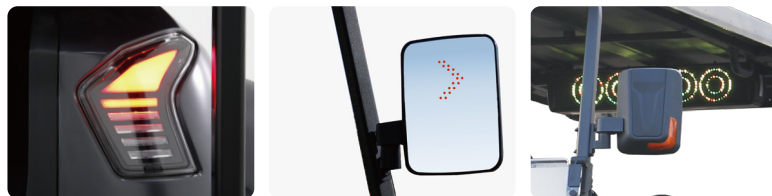
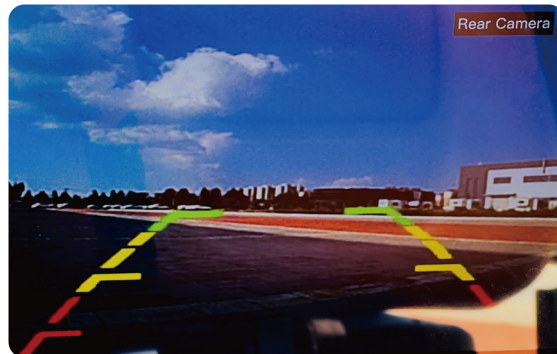
The corners of the bumper or under the bumper may not be visible on the screen because the camera system has a limited field of view.

⚠ Warning

When reversing, it is important to use the reversing camera system in conjunction with the interior and side-view mirrors, and to pay close attention to the surroundings to ensure a safe reversing maneuver.

Caution: Always reverse slowly and check surroundings.

Failure to follow this instruction could result in loss of control of your vehicle, personal injury, or death.



Loading Capacity

Ensure your vehicle's load remains within the manufacturer's specified weight limit. Properly loading your vehicle provides maximum return of vehicle design performance. Before you load your vehicle, become familiar with the following terms for determining your vehicle's weight rating, from the vehicle's Safety Compliance Certification Label.

⚠ Warning

The appropriate loading capacity of your vehicle can be limited either by volume capacity (how much space is available) or by payload capacity (how much weight the vehicle should carry). Once you have reached the maximum payload of your vehicle, do not add more cargo, even if there is space available. Overloading or improperly loading your vehicle can contribute to loss of vehicle control and vehicle rollover.

⚠ Warning

Exceeding the Safety Compliance Certification Label vehicle weight limits can adversely affect the performance and handling of your vehicle, which causes damage and can result in the loss of control of your vehicle, serious personal injury or death.

⚠ Warning

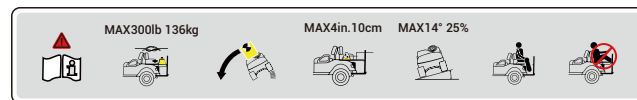
Do not use replacement tires with lower load carrying capacities than the original tires because they may lower your vehicle's GVWR and GAWR limitations. Replacement tires with a higher limit than the original tires do not increase the GVWR and GAWR limitations.

⚠ Warning

Do not exceed the GVWE or the GAWR specified on the certification label.

⚠ Warning

When loading the roof racks, we recommend you evenly distribute in the load, as well as maintain in a low center of gravity. Loaded vehicles, with higher centers of gravity, may handle differently than unloaded vehicles. Take extra precautions, such as slower speeds and increased stopping distance, when driving a heavily loaded vehicle.



VEHICLE LOADING

Read the owner's manual
and the warnings on the
dashboard.

Vehicle weight rating:
1137.59lb(516kg) on level ground only.
Includes occupants and cargo weight.

Towing

Towing Warnings

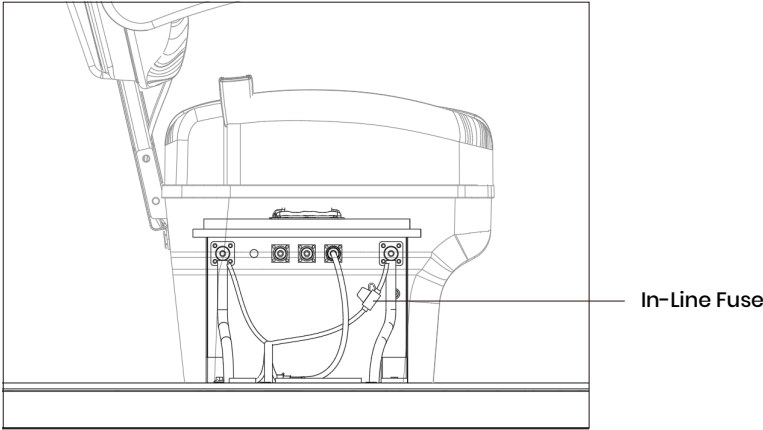
Do not utilize towing devices not supplied by the authorized dealer, as such use may lead to serious personal injury or property damage.

⚠ Warning

Exceeding any vehicle weight rating can adversely affect the performance and handling of your vehicle, cause vehicle damage and can result in the loss of control of your vehicle, serious personal injury or death.



Fuses



Fuse Name	Fuse Number	Fuse Amperage	Protected Circuit	The Malfunction Phenomenon After Damage	Replaceable Fuse Model
In-line Fuse	FF0	15A	DC Converters	The entire vehicle cannot be powered on	ATN 15A Small-sized plug-in type fast-blow fuse

Maintenance

Wheel Replacement

To remove and install a wheel on your vehicle:

1. With the wheels blocked to prevent the vehicle from moving, loosen the wheel nuts.
2. Elevate the vehicle with a jack and remove the wheel nuts and the wheel.
3. Reverse the removal steps when installing the wheel.

⚠ Warning

Ensure the battery is powered off and the gear in "N" position with the car is powered off before starting any wheel or brake maintenance. Failing to do so could inadvertently start the vehicle, leading to movement that may result in death or severe injury.

Brake Adjustment

Before you operate the vehicle, press down on the brake pedal several times to make sure the brakes are functioning properly.

⚠ Warning

Consult your dealer before using your vehicle if you suspect brake problems. Brake failure could result in a serious accident. Death or serious personal injury can result from failing to comply with the safety instructions in this manual.



Non-Lifted Truck
Lifting Points



Lifted Truck
Lifting Points

Jacking Points

Lifting Points on Non-Lifted Trucks

1. Front Frame Just Below Front Bumper
2. Rear Lifting Points on Rear Axle Half-Shafts

Lifting Points on Lifted Trucks

1. On Frame Floor

Regular Maintenance Chart

Regular maintenance is essential to ensure optimal performance and safe operation of your electric vehicle.

	Inspection Items	Daily Inspection	100miles Per Month	600miles Every 6 Months	1200miles Per Year	2500miles Every 2 Years	5000miles Every 4 Years
Pre-Trip Inspection	Electrical capacity	S	S	S	S	S	S
	Clean the battery case and check if the battery terminals are tight.	S	S	S	S	S	S
	Check the brake pedal travel to make sure it meets the requirement, and adjust if necessary.	C	CA	CA	CA	CA	CA
	Check steering operation	C	C	C	C	C	C
	Check the tire pressure, tread depth, and tire surface for any damage.	C	CA	CA	CA	CA	CA
	Check to make sure that all bolts, nuts, screws, and rivets are tight.	C	C	C	C	C	C
	Check to make sure that the lighting system is working properly.	C	C	C	C	C	C
	Check the wiring harness connections to make sure they are not loose or broken.		C	C	C	C	C
Per Month	Clean pedal section		CL				
	Check all wiring to see if there's any crack, aging or wearing point			C	C	C	C
Per Year	Check if the damper is leaking oil or the spring is damaged			C	C	C	C

S: "Service". This means that the item should be inspected or serviced at the specified interval.
 C: "Check". This indicates that you should check the item.

CA: "Check and Adjust".
 CL: "Clean and Lubricate".

This means you should inspect the item and make any necessary adjustments.
 This indicates that you should clean and then lubricate the specified item.

Storing the Vehicle



Preparation

- 1.Ensure tire pressure is set to: 26PSI
- 2.Clean the exterior of the vehicle.
- 3.For short-term storage (less than 30 days), please follow the original content on page 70 regarding vehicle closure.
- 4.For long-term storage (more than 30 days), please follow the instructions on battery shutdown on the original page 69.
- 5.Cover the vehicle with a breathable car cover and store it in a dry, well-ventilated area.

Operation and Control

Powering the Battery On/Off

Turn on/off The Battery

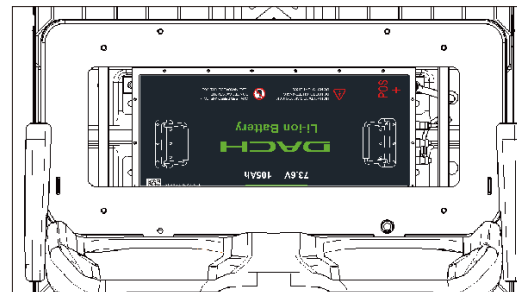
The battery pack is located in the front seat bucket, and the battery switch is on the right side of the battery pack.

Turn on: Short press the battery switch, switch indicator light (blue), it indicates that the battery has been switched on.

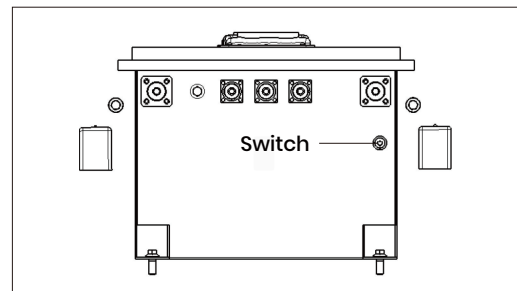
Turn off: Long press the battery switch 3 s, the indicator light of the switch goes out, it indicates that the battery is power off.

Attention:

Due to different product configurations and product upgrades, the types and appearances of switches may vary and will not be reflected in this manual.



Battery Location



Switch Location

Vehicle Startup

1. Using the NFC Key

Hold the NFC key within approximately 5 mm of the NFC sensing area.

A confirmation tone will sound and the multimedia display will power on, indicating that the vehicle has successfully started.

2. Using the Bluetooth Key

With a paired Bluetooth key present, briefly press the Start button.

A confirmation tone will sound and the multimedia display will power on, completing the vehicle startup.

Vehicle Shutdown

1. Using the NFC Key

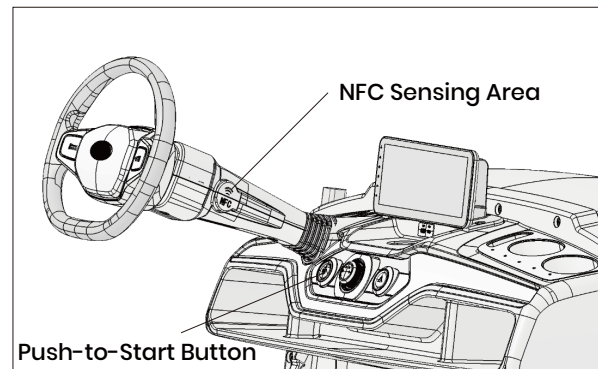
When the vehicle is powered on, hold the NFC key within approximately 5 mm of the NFC sensing area.

A confirmation tone will sound and the multimedia display will turn off, indicating that the vehicle has been powered down.

2. Using the Bluetooth Key

Press and hold the Start/Power button for approximately 2 seconds.

A confirmation tone will sound and the multimedia display will turn off, completing the vehicle shutdown.



NFC Sensing Area Diagram

Caution

01.Do not turn off the vehicle power while driving. Doing so may result in loss of vehicle control.

02.Do not depress the accelerator pedal while starting the vehicle.

03.Doing so may cause the system to detect an accelerator pedal fault.

Driving Operations

Reversing

With the vehicle powered on, depress the brake pedal and rotate the gear selector to the left.

The multimedia display will show the rear-view image, and the gear indicator on the instrument panel will display "R".

Release the brake pedal and gently press the accelerator pedal. The vehicle will begin to move in reverse.

Driving Forward

With the vehicle powered on, depress the brake pedal and rotate the gear selector to the right.

The gear indicator on the instrument panel will display "D", indicating that the vehicle has entered forward drive mode.

Release the brake pedal and gently press the accelerator pedal. The vehicle will move forward.

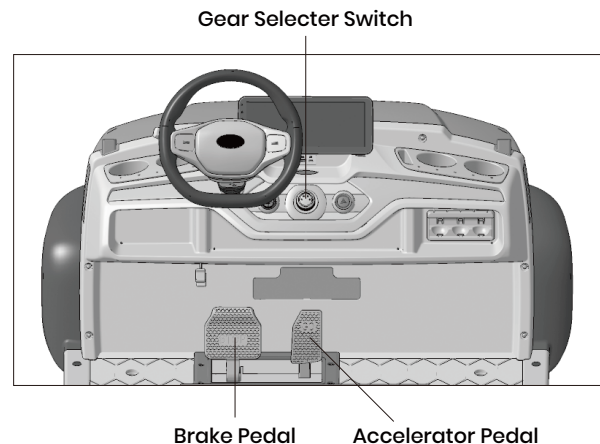
ECO Mode

When the vehicle is in forward drive mode, rotate the gear selector to the right again to activate ECO mode.

The instrument panel will display "ECO", indicating that economy mode is active.

In ECO mode, the vehicle can move forward only, and the maximum speed is limited to 15 mph.

To exit ECO mode, rotate the gear selector to the left to return to normal driving mode.



Attention

Before turning off the vehicle power, ensure that the gear selector is set to the "N" (Neutral) position.

Turn Signal Operation

Right Turn Signal

Push the turn signal lever upward to activate the right turn signal.

The right turn indicator on the instrument panel and the vehicle's right turn signal lamps will illuminate and flash at a fixed rate.

The turn signal will automatically cancel when the steering wheel is returned after completing the turn.

The signal can also be manually canceled by returning the lever to its neutral position.

To briefly signal a lane change, lightly push the turn signal lever upward without locking it.

The right turn indicators will flash three times and then turn off automatically.

Left Turn Signal

Push the turn signal lever downward to activate the left turn signal.

The left turn indicator on the instrument panel and the vehicle's left turn signal lamps will illuminate and flash at a fixed rate.

The turn signal will automatically cancel when the steering wheel is returned after completing the turn.

The signal can also be manually canceled by returning the lever to its neutral position.

To briefly signal a lane change, lightly push the turn signal lever downward without locking it.

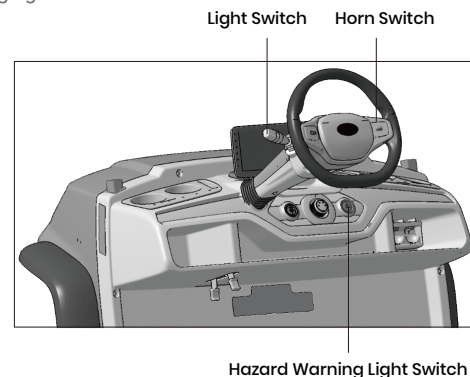
The left turn indicators will flash three times and then turn off automatically.

Hazard Warning Lights

Press the hazard warning light switch to activate the hazard warning lights.

Both left and right turn signal lamps, as well as the instrument panel indicators, will flash simultaneously at a fixed rate.

Press the hazard warning light switch again to turn off the hazard warning lights.



Note: If the hazard warning lights and the turn signal are activated at the same time, the turn signal function takes priority.

Operation of the Electric Horn

Press the horn switch located at the center of the steering wheel to sound the horn.

Release the switch to stop the horn.

Light Operation

Position Light

Rotate the light switch counterclockwise one position to turn on the position (parking) lights.

The position light indicator on the instrument panel and the vehicle's position lights will illuminate.

Rotate the switch back to the original position to turn off the position lights.

Low Beam Headlights

With the light switch in the position light setting, continue rotating the switch counterclockwise to turn on the low beam headlights.

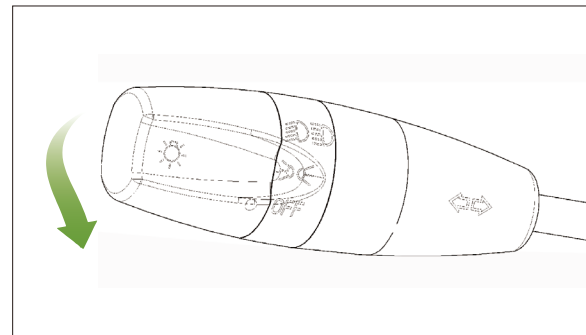
Rotate the switch back to turn off the low beam headlights.

High Beam Headlights

With the light switch in the low beam position, push the switch forward to activate the high beam headlights.

The high beam indicator on the instrument panel will illuminate, and the vehicle's high beam headlights will turn on.

Pull the switch back to return to low beam operation.



Passing Light (Flash To Pass)

At any position of the light switch, pull the switch toward you to activate the passing light (flash to pass) function.

The high beam headlights and the high beam indicator on the instrument panel will illuminate while the switch is held.

Release the switch to turn off the passing light and return to the previous lighting state.

USB Data Ports

USB Type-A

Supports USB flash drives for music playback only.
This port does not support device charging.

USB Type-C

Supports device charging only.
Music playback and data transfer are not supported.

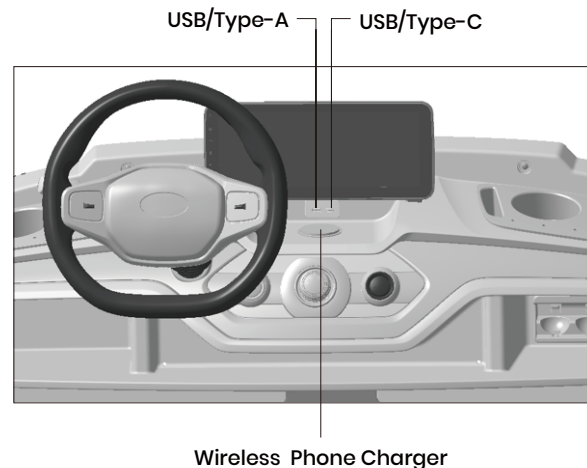
Wireless Phone Charging

The vehicle is equipped with a wireless charging pad compatible with Qi-enabled smartphones.
Maximum charging output is approximately 15 W.

Caution

Do not place metallic objects on the wireless charging area.
Metallic objects may heat up during charging and may prevent proper operation.

Do not place NFC keys, cards, or similar items on the wireless charging area.
Doing so may demagnetize the NFC key or interfere with its functionality.



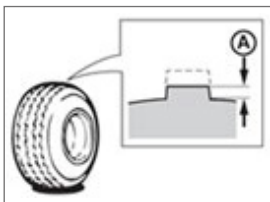
Rims & Tires

Tire Conditions



Tire Air Pressure

Check your tire pressure before operating the vehicle



Tire Wear Limit

Inspect the tire surface for any damage, cracks, or embedded objects. Replace the tire when the tread has worn down to 1 mm (0.04 inches).

-
- Wheel Lug Nut Torque: 100Nm
 - Tire Pressure set as 26psi
-

Tire Care Tips

⚠ Warning

Tires degrade over time due to a number of factors, such as weather, storage conditions, and usage (load, speed, inflation pressure). In general, tires should be replaced after six years, regardless of tread wear. However, heat from frequent high-load conditions in hot climates can accelerate the aging process and may require more frequent tire replacement.

⚠ Warning

Underinflation is the most common cause of tire failure and can lead to catastrophic wheel failure, tread separation, or blowouts, resulting in loss of vehicle control and increased risk of injury. Underinflation increases sidewall flexing and rolling resistance, leading to heat buildup and internal tire damage. It can also cause uneven tire wear, unpredictable handling, and traffic accidents. A tire can lose half of its air pressure and still appear inflated!

⚠ Warning

When mounting wheels, be sure to clean any corrosion or dirt from the wheel mounting surfaces on the hub, brake disc, or brake rotor. Make sure to secure any fasteners that attach the rotor to the hub so they do not interfere with the wheel mounting surface. Installing a wheel without proper metal-to-metal contact on the wheel mounting surface can result in loose wheel nuts, wheel detachment, loss of vehicle control, personal injury or death.

Vehicle Starting Procedure

Vehicle Inspection

Pre-trip vehicle inspections are an important step in ensuring driving safety. A responsible driver should perform the necessary vehicle checks before each trip to make sure that it is in good working order. Please check the following items before each use:

Inspection Categories	Inspection Item	Inspection Details
General Inspection	Battery Condition	Please check whether the identification, nameplate, warning labels, etc. on the battery box body are clearly visible. Check the box surface for serious corrosion, deformation, cracks and other damage, and whether the mechanical interface between the battery box and the exterior is firm and reliable.
	Tires condition	Inspect the tire surface for damage, cracks, and any objects. When the tire tread wears down to less than 0.04 inches (1mm), replace the tire immediately.
	Body & Chassie	Carefully inspect the body and chassis for any damage or missing parts before each use.
Performance Inspection	Braking Pedal Operation	The brake pedal is marked with a "STOP" sign. When the vehicle is running, step on the brake pedal to check if the brake system is functioning properly and the brakes are responsive.
	Accelerator Pedal Operation	The accelerator pedal is marked with a "GO" sign. When the vehicle is powered on and the gear selector is in the forward "D" or reverse "R" position, pressing the accelerator pedal will automatically release the electromagnetic brake and cause the vehicle to move in the selected direction (forward or reverse). As the accelerator pedal is pressed, the speed will increase until full speed is reached. When the accelerator pedal is released, the power will be cut off and the motor will stop running.
	Reverse Warning Sound	When the gear shifted to the "R" position, the vehicle will emit a warning sound.
	Steering System	Turn the steering wheel gently to the left and right. The vehicle should steer easily, and the steering wheel should not turn automatically. Check the steering system for excessive play. Move the steering wheel up and down, and back and forth. If you notice excessive play or hear any noises, it indicates that some components need to be replaced or adjusted. Please have the steering system serviced or repaired immediately.

Starting the Vehicle

1. Confirm that you have carefully read this user manual.
2. Familiarize yourself with and understand the vehicle's controls, indicators, and operations.
3. Observe that all passengers are seated, have fastened their seat belts, and are holding onto the seat handles.
4. Determine the direction in which the wheels will turn.
5. After confirming that there are no obstacles around the vehicle, start the vehicle using the "NFC function" or "Bluetooth+one-button start switch".
6. Depress the brake pedal while simultaneously switching the gear selector knob to select the driving direction.
7. Slowly depress the accelerator pedal, the electromagnetic brake disengages, the vehicle begins to move, and as the accelerator pedal is gradually depressed, the speed will gradually increase until full speed is reached.

Warning

When driving downhill, the operator must control the vehicle's speed. Steep terrain or other conditions may require the use of both pedal braking and electromagnetic braking.

Parking and Exiting the Vehicle

1. When the vehicle needs to slow down during driving, move your right foot to the brake pedal and gently press down on the brake pedal to slow the vehicle down to a stop.
2. After the vehicle has stopped, the electromagnetic brake will engage immediately to prevent the vehicle from rolling.
3. After shifting the gear selector knob to neutral "N", press the one-key start button to turn off the entire vehicle power.

Note: Switching the gear selector knob to neutral 'N' while driving will cause the vehicle to lose power and slow to a stop.

Note: When leaving the vehicle for an extended period of time, turn off the entire vehicle power and take the remote key with you to avoid accidents.

Note: When the vehicle is parked for a long time, it is necessary to disconnect the power battery switch in the seat bucket and the whole vehicle power switch to reduce the power battery power consumption and avoid the situation that the vehicle cannot be started next time.

DACH

The Earth At Your Wheel

DCD VEHICLE CORP.
www.dachvehicles.com