

User Instructions

Dear users, WUZHENG EUROPE Single Member Ltd. (hereinafter referred to as Wuzheng Europe) kindly reminds you of the following before you begin driving the vehicle:

1. DO NOT make any unauthorized modifications or equipment installation. Wuzheng Europe shall be exempted from any risks and losses generated therefrom.

2. In the event of the following: if there is something wrong with your vehicle, an inspection by Wuzheng Europe's authorized dealerships or service networks is recommended; if some parts need replacing, original parts provided by Wuzheng Europe are preferable. Wuzheng Europe shall be exempted from risks and losses, or compatibility and service life issues caused resulting from the use of non-Wuzheng parts.

3. When using this vehicle, please carry out maintenance at authorized dealerships or service networks of Wuzheng Europe indicated in this Manual.

4. Correctly running-in a new vehicle can greatly impact its service life and reliability. We recommend that you conduct the first running-in maintenance at Wuzheng Europe's authorized dealerships or service centers when vehicle mileages totals 2500-3000km or 90 days after purchase (whichever comes first). A maximum speed of 40km/h before the first post running-in maintenance is recommended.

5. The maximum design speed of 3MX-EV is 60km/h. Do not exceed the speed limit. Once your speed is close to the limit, the

OPC indicator will flash and activate an alarm, and you can slow down the vehicle using the brake pedal. If your driving speed exceeds 75km/h, the OPC of the VCU and a level 3 fault alarm will be activated simultaneously, indicating an over voltage protection for the whole vehicle. The recommended solution is to reduce the voltage and then restart the vehicle.

6. The products and equipment prescribed in this Manual are not specified as optional or standard. Therefore, you may find that some equipment described in this Manual is not available in your vehicles or only available in vehicles sold in certain markets. The equipment available where your vehicle is purchased shall prevail. For more details, please contact authorized Wuzheng Europe dealerships.

USE AND MAINTENANCE INSTRUCTIONS

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14 Symbols



Major hazards which, if not observed, may result in serious injury or even death.



Mild hazards, warnings, and safety advice which, if not observed, may result in personal injury or vehicle damage.



Practical recommendations which, if not observed, may affect the service life of the vehicle or result in faults.



Important notes which, if not observed, may damage the owner's rights and interests.



Notes which, if not observed, may affect the proper functioning of the vehicle.



Recommendations which, if not observed, may prevent optimal functioning of the vehicle.



Environmental protection measures which, if not observed, may be detrimental to the environment.



Indicating the part or position being described.



Rotating the part or position being described.

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2-1 Welcome

Thank you for choosing 3MX-EV.

Becoming more familiar with your vehicle will improve the driving experience, which is why we recommend you read this manual carefully before using the vehicle. This manual contains important instructions about vehicle operations so that you can make full use of the vehicle's technical advantages. The manual also contains useful tips for driving safety and vehicle maintenance.

This User Manual contains the following important information:

- Information that will familiarize you with your vehicle and its advantages and its functions.
- Maintenance recommendations which, if followed, will ensure that your vehicle always provides the optimal performance.
- Instructions that will enable you to troubleshoot certain faults independently.

Take a few minutes to read this manual to familiarize yourself with the information and guidance about the vehicle and its functions and new features. If you need any further information support, contact a 3MX-EV authorized dealerships and after-sales service network.

2-2 Important

This manual describes the operation specifications and precautions of the vehicle. Please read it carefully before using the vehicle and carry out operations according to the Manual. In order to prevent accidents or injuries, always pay attention to the following:

1. Please read the User Manual and other documents carefully.
2. The power battery of the new vehicle is not fully charged. Please charge it immediately after purchasing the car; do not perform other operations while the vehicle is charging.
3. For your personal safety, please do not touch the high-voltage electrical devices in the vehicle.
4. To clean the vehicle, please turn off the power switch first.
5. Please remove the key from the vehicle key when the vehicle is unattended.

Overview of vehicle

Adhering to the design concept of energy efficiency and environmental protection, the 3MX-EV features digital electronic control, new matching electric drive motor and power system of LFP battery, in order to make the whole vehicle more powerful and extend its cruising range. The vehicle's comfort and stability have also been improved under various working conditions, bringing you a brand-new driving experience.

The 3MX comes in two different configurations: pick-up and box vehicle.



Pick-up



Box

Advantages of new energy electric vehicles

- Energy efficiency, environmental protection and zero emissions.

The vehicle is driven by pure electric power under all working conditions, achieving zero emissions and making the vehicle more environmentally friendly.

- Comfortable driving experience

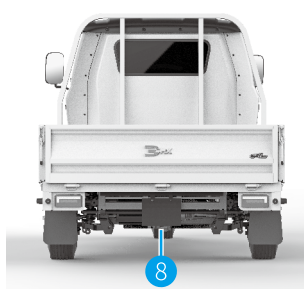
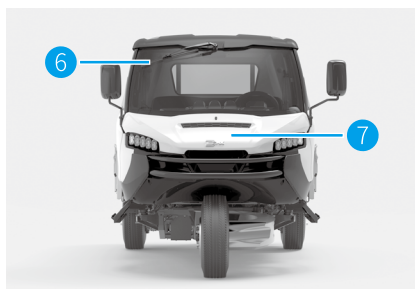
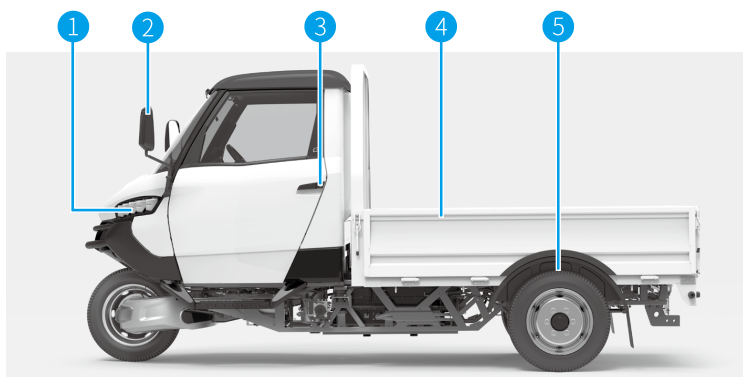
The vehicle is fully electric, and generates minimal internal and external noise, which can provide users with a better driving environment than vehicles powered by fossil fuels.

Important

The following is very important to ensuring that the 3MX-EV is correctly managed and operated economically, so always read it carefully before operation and maintenance.

2-3 Exterior structure

Pick-up vehicles

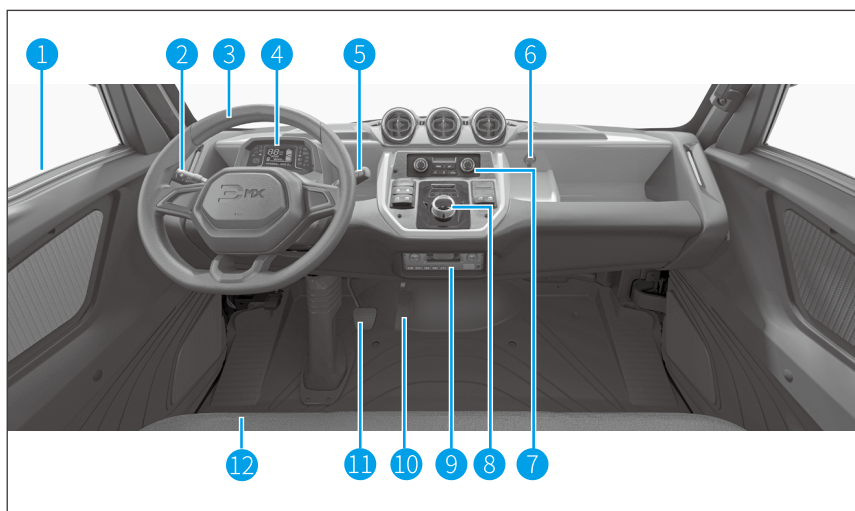


- ① Headlamp
- ② Mirror
- ③ Lock
- ④ Box
- ⑤ Tire
- ⑥ Windshield wiper
- ⑦ Front cabin
- ⑧ Towbar

Closed box

- ① Headlamp
- ② Mirror
- ③ Lock
- ④ Closed box
- ⑤ Wheel assembly
- ⑥ Windshield wiper
- ⑦ Front cabin
- ⑧ Towbar

2-4 Interior structure



- ① Door and window
- ② Light switch
- ③ Steering wheel
- ④ Dashboard
- ⑤ Windshield wiper switch
- ⑥ 12V auxiliary power supply
- ⑦ Air conditioning control panel
- ⑧ Gear knob
- ⑨ MP3 player
- ⑩ Accelerator pedal
- ⑪ Brake pedal
- ⑫ Seat and seatbelt

2-5 Inspections prior to operation of the vehicle

Exterior

1. Check the tire for proper inflation pressure and for any damage.
2. Check that the tire nuts are tight.
3. Check the coil spring damper assembly for damage.
4. Check the rubber auxiliary spring for damage.
5. Check whether the lamps work properly.
6. Check whether the reducer and brake are at proper oil level and whether there is leakage.
7. Check whether there is sufficient washing solution and whether there is leakage.
8. Check whether the 12V battery cable is securely attached, and whether it is at the proper charge state.
9. Check whether the mirrors can be adjusted in 4 directions manually.



The tire shall not be overly inflated, or it will burst, the rim will break and the vehicle could roll over, which may lead to accidents.

Do not drive with insufficient brake fluid as this could increase braking distance, or even lead to a brake fault, resulting in traffic accidents.

Interior

1. Check that the steering wheel has clearance and steers properly.
2. Check that the parking brake pedal's stroke is operating correctly.
3. Check that the horn, wiper and turn indicator lamp are operating correctly.
4. Check that the instrument indicators are operating correctly.
5. Check that the power battery power is properly powered.
6. Check that the door locking mechanism is operating correctly.
7. Check whether the seat belts and the seats are adjustable.



Excessive clearance of the steering wheel tends to cause steering to be out of control, leading to traffic accidents.



In the event of improper parking brake stroke, the vehicle could slip on an incline, leading to an accident.

Improper instrument indicators will affect the proper operation of the vehicle, and could cause a traffic accident.

3 Turning on and off

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3-1 Remote keyless entry (RKE)

To quickly familiarize yourself with the RKE, you need to understand its structure first. The RKE system is equipped with 3 control buttons and 1 release key button.

1. Unlock Door button

By pressing the Unlock key of the RKE once, the left and right turn indicator lamps will flash twice, and the central control lock will unlock.

2. Unlock Cabin button

Make sure that the vehicle is secured and then press the hood release button twice within 1s. The turn signals will flash once at this time, and then the hood will open automatically. If the vehicle is charging, you can also press this button twice to pause charging.

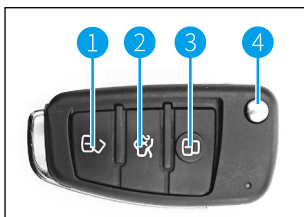
3. Lock Door button

By pressing the Lock key of the RKE once, the left and right turn indicator lamps will flash once, and the central control lock will lock.

4. Release button

To release the key: hold the button and push the key back into the Storage position.

To fold the key: hold the button and push the key back into the Storage position. Release the button to fold the key back into place.



**注意**

When using the RKE, it is not necessary to aim it at the 3MX-EV, as long as it is within its detection range (which depends on the power level of the RKE battery);

The RKE may not work properly under the following circumstances:

① There is interference from similar frequency sources (mobile phone, computer, etc.) in the vicinity. In this case, please remain at least 30cm from the interference source. ② The vehicle is out of range. The detection range is smaller when the RKE battery is at low power. In this case, get it closer to the vehicle to restore normal operations. ③ The key does not work. The RKE battery is exhausted and it needs to be replaced (according to the replacement steps below). ④ After replacing the battery, the RKE still doesn't work. The key is damaged. Please contact an authorized dealership or service network of Wuzheng Europe to replace the RKE.

Each 3MX-EV can identify up to 2 RKE systems. The vehicle is delivered with one RKE system and one mechanical key. If the RKE is lost or a second RKE system is required, please order a new RKE system and bring all the RKE systems to the authorized dealerships or service networks of Wuzheng Europe for re-matching.

Warning

Remember to carry the RKE with you. Don't leave the RKE in the car and lock the door.

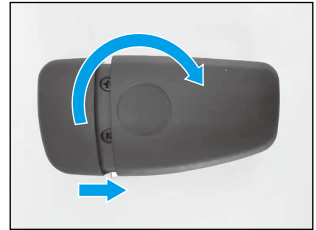
Warning

Please take proper care of the RKE to prevent damage from impact, high temperatures and liquid corrosion, and keep it away from solvents, waxes and abrasive cleaners.

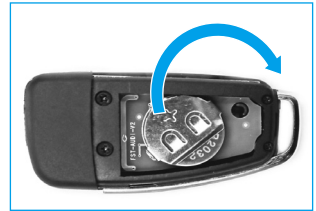
Replacement of RKE battery

The RKE battery has a service life of about one year. When the battery is at low power, the use of the RKE will be affected. Follow these steps to replace the battery:

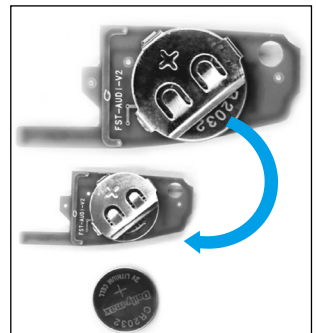
1. Place the RKE on a soft surface, with the button side facing downward;
2. Open the back cover with a small flat blade tool;



3. Take out the PCB with a plastic flat blade;



4. Take out the battery;



5. Remove the battery and replace it with a new one;
6. Install the PCB;

7. Re-install the rear cover in place.

Please recycle the used batteries at a designated local site.



Please recycle the used batteries at a designated local site.

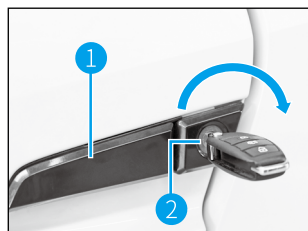
3-2 Door

Exterior door

◆ Open the door:

To open the door from the outside by using the RKE:

- 1) Press the Unlock button of the RKE once;
- 2) Grab the exterior door handle and pull up the flap to open the door.



- 1.Exterior door handle
- 2.Door lock

To open the door from outside using the mechanical key:

- 1) Insert the mechanical key into the door lock and turn it clockwise about 30 degrees;
- 2) Grab the exterior door handle and pull up the flap to open the door.

◆ Lock the door:

To lock the door by using RKE:

- 1) Close all doors;
- 2) Press the Lock button of the RKE once.

To lock the door using the mechanical key:

- 1) Close all doors;
- 2) Insert the mechanical key into the door lock and turn it clockwise about 30 degrees.

Warning

To ensure proper operation of the mechanical key, DO NOT insert foreign matter into the door lock cylinder.

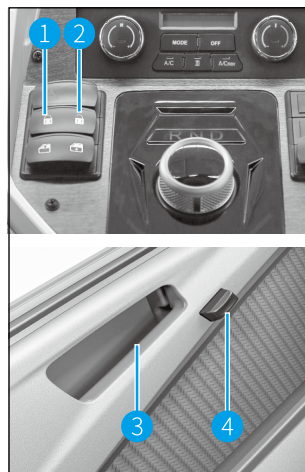
Warning

It is impossible to unlock the door by using the RKE within 3s after the door is locked.

Interior door

◆ Open the door:

- 1) Press the Unlock Door button on the center console once;
- 2) While grabbing the interior door handle, press the interior Open Door button with your thumb;
- 3) Push the door open.



1. Lock Door
2. Unlock Door
3. Interior door handle
4. Interior Open Door button

◆ Lock the door:

- 1) Close all doors;
- 2) Press the Lock Door button on the center console once.

**Caution**

When the door is locked, it is impossible to open the door using the interior Open Door button.

Warning

Please lock the door while driving to prevent the door from accidental opening and throwing the passengers out of the car.

Warning

When the door lock is locked, please do not pull the exterior door handle to prevent damage.

Warning

When you leave the cab (even temporarily), always take out the RKE/mechanical key. Do not leave children unattended in the vehicle.

3-3 Window

Warning

Before closing the windows, make sure that all parts of the body are inside the vehicle.

Warning

Be careful when closing the window glass in order to avoid causing a crushing injury.



1. Left Window Up
2. Left Window Down
3. Right Window Up
4. Right Window Down

3-4 Front cabin

Open the hood

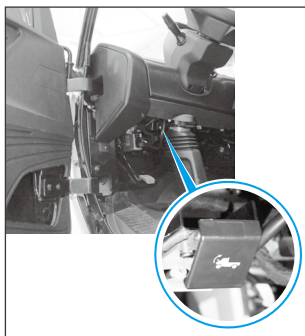
Remote turning on:

with the car in parking N gear, press the Front Cabin key of the RKE twice within 1s. The left and right turn indicator lamps will flash once, and the hood will open automatically.



Mechanical turning on:

with the car in parking N gear, pull up the hood switch and the cabin cover will open automatically.



Close the cabin cover

Press down on the front cabin cover and the front cabin cover will lock with a click.



Warning

To prevent personal injury:

Do not operate the vehicle with the hood open.

Poor driver visibility can cause the vehicle to lose control.

Before operating the vehicle, ensure that the cabin cover is safely locked.

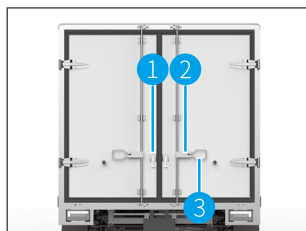
The cabin cover lock is only used to secure the cabin cover and cannot be used as a drawbar.

3-5 Box

Closed box

Hold the Open button with one hand, and turn the handle towards the outside of the box with the other hand, driving the lock head out of the lock seat. This will allow you to open the rear door.

Once the rear door is opened, turn the rear door panel to hook the rear door wind hook into the hook seat of the side panel of the box and secure the rear door panel.

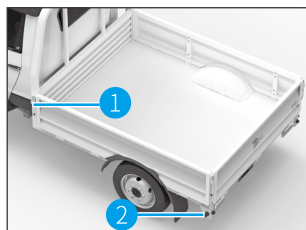


1. Wind hook
2. Open button
3. Handle

Pickup

Pull the rear handle of the rear fender, open the rear fender and gently put it to the position of the protective rubber block.

Pull the front handle of the side fender, open the side fender and gently put it to the position of the protective rubber block.



1. Handle
2. Protective rubber block

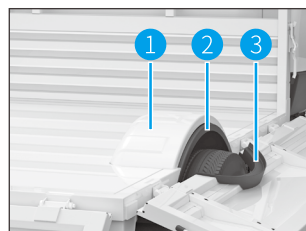


Warning

The side fender cannot be opened after the rear fender is opened.



Do not place any heavy objects on the tire cover plate, the mudguard or the transition connector, and protect them from knocking, scratching and deformation.



1. Tire cover plate
2. Mudguard
3. Transition connector

4 Seat and seatbelt

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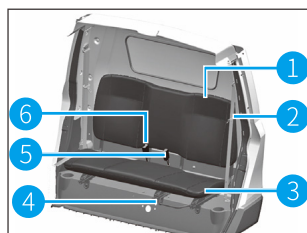
4-1 Seat and seatbelt constraint system

To maximize your safety, the seat and seatbelt should be used together. Correct use of these safety devices can ensure better protection during driving.

Introduction to seat and safety system

The vehicle is equipped with a single bench seat, which can be adjusted forward and backwards. The seat is not equipped with backrest angle adjustment functions and cannot be adjusted up or down.

The vehicle is equipped with three-point seatbelts for the driver and passenger. When driver's seatbelt is not fastened, an audible warning, will be enabled.



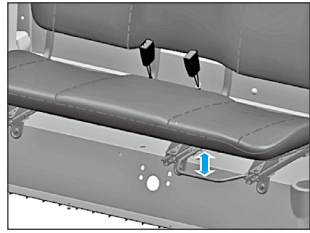
1. Seat backrest
2. Seatbelt tongue
3. Seat cushion
4. Seat fore and aft adjustment handle
5. Driver's buckle
6. Co-driver's buckle

4-2 Operation of seat and seatbelt

Before driving, please adjust the seat to a suitable distance for you so that you can easily step on the pedal while seated in proper driving posture and so that your arm is slightly bent when holding the steering wheel.

To move the seat forwards and backwards, perform the following steps:

- a. Sitting on the seat, the driver manually pulls the adjustment handle.
- b. Slide the seat in place.
- c. Release the adjusting handle and make sure the seat is locked in place.



4-3 Notes

1. Please make any seat adjustments before the passengers are seated. Before adjustment, make sure that there are no obstacles in front of or behind the seat.
2. After adjusting the seat, release the adjustment handle and move the seat slightly forward or backwards to ensure that the seat is locked into place. If the seat is not properly locked into place, unexpected movement of the seat can occur, which might cause an accident.
3. Do not use a cushion, or the friction between the seat and the passenger will be reduced, and in the event of an accident or emergency braking, the hip of the passenger could slide out of the crotch buckle, which will cause serious or fatal injury to the passenger due to improper seatbelt protection.
4. Please do not adjust the seat while driving in order to prevent accidental injury caused by losing control of the vehicle due to the sudden sliding of the seat.
5. Only two seats including the one for the driver are provided. Please do not care more than two passengers. The middle part of the bench seat, is not designated for sitting. The vehicle is designed to carry 2 people: one driver and one passenger, and has the appropriate safety devices (seatbelts) for these two. Sitting in the middle part of the bench seat is not allowed, and serious injuries or death may occur in the event of an accident.

Wear the seatbelt

While driving, all passengers must wear the seatbelts correctly. Otherwise, emergency braking or collision could result in serious injury or death, because the body is not restrained on the seat. Children **MAY NOT** take seats or use the seatbelts.

Please adjust the seat before wearing the seatbelt.

To wear a seatbelt, please perform the following operations:

a. Grab the latchplate and pull the belt out of the retractor, while ensuring that it does not twist. If the seatbelt cannot be pulled out from the retractor, pull the seatbelt with force and then release it to enable the retraction of seatbelt. This will allow you to smoothly pull the seatbelt out from the retractor.

b. Insert the latchplate into the lock buckle and make sure you hear a “click” . Pull the seatbelt with force to make sure it is fastened.

c. Adjust the shoulder belt so that it fits over the chest and across the middle of the shoulder. This allows the impact to be dispersed over the strong bones of the upper part of the body.

d. Adjust the waist belt so that the waist belt is secured at the lower part of the hip.



Place it on the shoulder or the hip




It can't be fastened under the armpit.



The lateral seatbelt shall not be placed over the abdomen.

The driver's seatbelt is equipped with a warning function.

When the ignition switch is ON and the driver is not wearing the seatbelt, the “” warning indicator on the instrument will illuminate. When the vehicle is running at a speed > 5km/h, a buzz warning will sound. After 90s, the audible alarm will stop, but the indicator will remain on. When the vehicle speed is reduced to 0km/h, the audible alarm will stop, but the indicator will remain on. Once the driver wears the seatbelt, the warning indicator and buzzer stop.

To unfasten the seatbelt, gently press the red button on the buckle with your hand, and the latchplate will pop out automatically. After the buckle is released, hold the latchplate tightly until the seatbelt is fully retracted, making sure not to touch passengers or nearby objects.



4-4 Safety tips

1. Don't pass the shoulder belt across the neck or under the armpit.
2. The waist seatbelt shall be as close as possible to the lower part of the hip.
3. One seatbelt can be used by only one person, and multiple persons (including children) MAY NOT wear the same seat belt at the same time. If more than one person wear the same seat belt, in the event of vehicle collision, the seat belt cannot disperse the impact, and there is a risk of two people colliding with each other.
4. Don't insert the seat belt buckle into another seat lock, or in the event of accident or emergency braking, the seatbelt will not provide effective protection.
5. DO NOT twist or loosen the seatbelt.

6. Don't put the seat belt around any object with sharp corners, or it may be damaged in an accident.

7. Don't wear a seat belt that has been severely impacted or damaged in an accident.

8. Don't dismantle, disassemble or alter the seat belt.

9. Do not wear the seat belt when there are foreign objects in the buckle. Remove them immediately and keep the buckle clean.

10. When using the seat belt, it is recommended that you keep the belt clean, and do not stick oily and water-based substances (including soil, oil, water, food and drink residue) to the belt so that it can be smoothly pulled out and retracted.

11. Don't clean the seat belt by using benzene, gasoline or other organic substances, or bleach or dye the seatbelt.

12. Children are not allowed to play with the seat belt because it may accidentally become twisted around the child's neck. If this occurs, and the child may not be able to continue pulling the seat belt, which could result in serious injury or death. Then, if the seatbelt latchplate cannot be released, you can cut it using the scissors.

13. Notes for pregnant passengers

We recommend that you use your seatbelt. You can also consult your doctor for further advice. Pregnant women can wear seat belts in basically the normal way, but should pay attention to the following:

a) Wear the waist belt as low as possible, and place it under the bump.

b) The shoulder belt should pass across the shoulder, but it should avoid the abdomen, so place it on the chest. If the seatbelt is not used correctly, in the event of emergency braking or collision, the seat belt will tighten the bump, which could cause serious injury or death to the mother and fetus.

14. When the seat belt is out of service, it should be fully retracted. DO NOT twist or seize the seatbelt, or let it come into contact with any sharp objects. DO NOT block the seatbelt lock with foreign matter, or it will affect the correct engagement of the seat belt tongue and the buckle.



Cleaning the seat and seatbelt:**◆ Cleaning the seat leather:**

Gently wipe the leather in circles by using a soft cloth which has been dipped in warm water and neutral soap. Then dry it with a soft and lint-free cloth. Detergents or commercially available leather cleaners or conditioners are not recommended as they can discolor or dehydrate the leather.

◆ Cleaning the seatbelt webbing:

Pull out the seat belt and wipe it. Do not use any type of cleaner or chemical cleaner. You may pull out the seat belt and let it dry naturally. Keep it away from direct sunlight.

**Warning**

To prevent personal injury, please fasten your seat belt correctly.

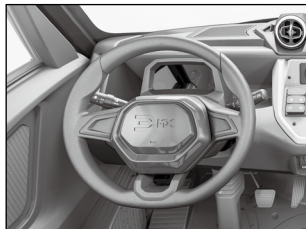
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5-1 Steering wheel and horn

Steering wheel

1. The steering wheel can turn to the left and to the right up to 2.2 turns.
2. The front wheels can turn left and right up to 40 degrees.



For your safety and the stability of the vehicle, please make turns at low speed.

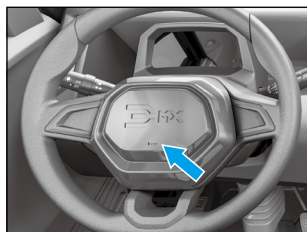


Caution

The vehicle is equipped with electronic power steering. DO NOT turn the steering wheel to the limit. If it is necessary to be turned to the limit in special circumstances, DO NOT do so for longer than 15s.

Horn

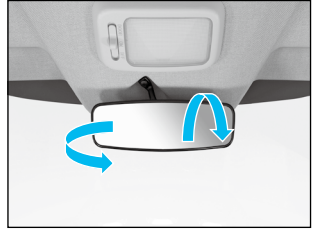
The horn sign is next to the 3MX logo in the middle of the steering wheel. When using, press it to activate the alarm.



5-2 Mirror

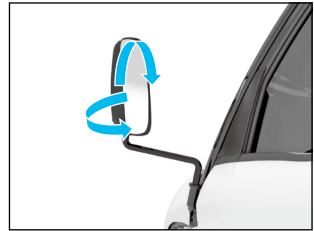
Interior mirror

Adjust the mirror lens by moving the interior mirror in the directions shown on the figure.



Exterior mirror

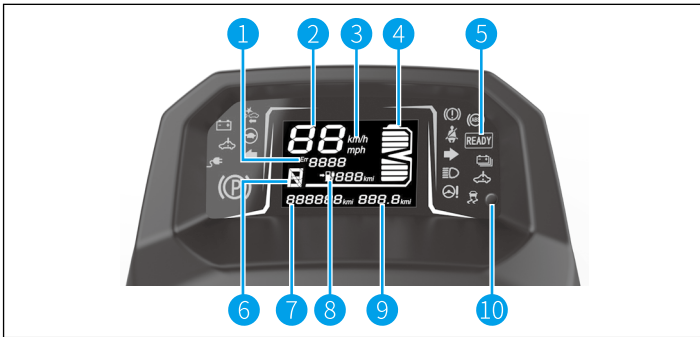
The exterior mirror lens can be adjusted in the arrow directions shown on the figure.



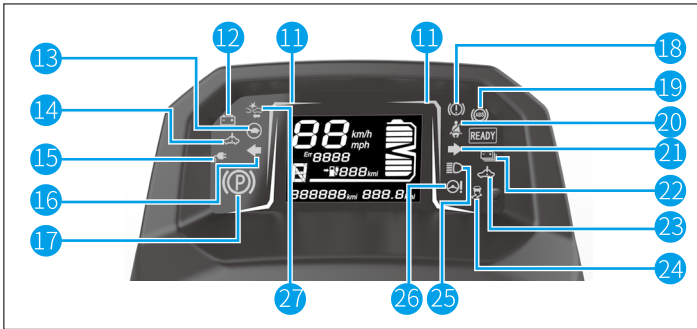
Warning

Do not adjust the mirror while driving.

5-3 Dashboard



1. Fault code
2. Speed
3. Speed unit
4. Battery status
5. Drive system ready - indicating the vehicle is ready for driving
6. Gear – R: reverse; N: neutral; D: driving
7. Total mileage
8. Driving range
9. Mileage subtotal
10. Key – briefly press it to switch vehicle speed and mileage unit, and hold it to clear the mileage subtotal



11. Driver out of seat reminder
12. 12V battery feeding reminder
13. Power limit
14. Fault to vehicle system (level 3)
15. Charging line connection indication
16. Left turn indication
17. Parking brake indication
18. Fault to brake system
19. Fault to ABS
20. Seatbelt not fastened reminder
21. Right turn indication
22. Power battery feeding reminder
23. Fault to vehicle system (level 2)
24. ESC operation and fault indication
25. High beam indication
26. Fault in power steering system
27. Frontal collision warning (optional)

1. Fault code

Display individual system fault codes of 3MX-EV for traceback

2. Speedometer

Indicating the vehicle speed after the vehicle is started.

3. Speedometer unit, which is in km/h or mph.

4. Power indication of the power battery

Displays the state of charge of the power battery.

5. READY indication

The vehicle is ready, started successfully and can set off at any time.

6. Gear display

When the gear switch is placed in a certain gear, the middle LCD will highlight the current gear position.

7. Odometer

Displaying the total distance the vehicle has traveled.

8. Driving range











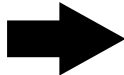






The driving range is the driving distance that can be supported by the state of charge and the displayed state of charge calculated according to the driving conditions of the vehicle, which may be different from the actual driving distance. The values in this table are in km by default.











Tips: when the displayed values of the driving range are too low, please charge the vehicle as soon as possible.








9. The short distance odometer shows the distance the vehicle has traveled since the last reset of short-distance mileage.

10. Short distance odometer reset and unit change button.

Indicator and warning lamp

No.	Alarm indication	Symbol	Color	No.	Alarm indication	Symbol	Color
1	Driver's seatbelt unfastened indicator		Red	10	Drive power limit indicator		Yellow
2	Driver out of seat indicator		Orange	11	Fault in brake system indicator		Red
3	Drive system ready indicator		Green	12	EPS fault indicator		Yellow
4	High beam indicator		Blue	13	Parking brake not released indicator		Red
5	Left turn indicator		Green	14	ABS fault indicator		Yellow
6	Right turn indicator		Green	15	Fault in vehicle system indicator		Yellow
7	12V battery charging and discharging alarm indicator		Red	16	ESC operation or ESC fault indicator		Yellow
8	External charging line connection indicator		Red	17	Frontal collision warning		Red
9	Low power battery alarm indicator		Yellow				

No.	Indicator	Description
1		Seat belt indicator, indicating that the driver's seatbelt is not fastened.
2		Driver out of seat indication The vehicle is ready, but the driver is out of their seat.
3		Drive system ready indicator The drive system is ready and vehicle can set out at any time.
4		High beam indicator The indicator is ON when the high beam is turned on.
5		Left turn indicator lamp When the left turn indicator lamp is on, the green left turn indicator lamp flashes. When the hazard warning lamp is on, both turn indicator lamps flash green at the same time.
6		Right turn indicator lamp When the right turn indicator lamp is on, the green left turn indicator lamp flashes. When the hazard warning lamp is on, both turn indicator lamps flash green at the same time.
7		12V battery charging and discharging alarm indicator If it is on, the unnecessary use of any energy consuming equipment and accessories shall be limited. If it is always on/remains illuminated, it is recommended to contact the authorized dealerships or service networks of Wuzheng Europe as soon as possible.
8		External charging line connection indicator The vehicle cannot be driven when the external charging line is connected. Pull out the charging gun before driving.
9		Low battery power alarm indicator When the battery power is at a power lower than the set value, the alarm indicator will be on.
10		Drive power limit indicator When the indicator is on, a fault is detected. It is recommended that you contact the authorized dealerships or service networks of Wuzheng Europe as soon as possible.

No.	Indicator	Description
11		Fault in brake system indicator When the indicator is on, a fault in the brake system is detected. It is recommended that you contact the authorized dealerships or service networks of Wuzheng Europe as soon as possible.
12		EPS fault indicator When the indicator is on, a fault to the EPS is detected. It is recommended that you contact the authorized dealerships or service networks of Wuzheng Europe as soon as possible.
13		Parking brake not released indicator The parking brake is not released. To start the vehicle, first release the parking brake.
14		ABS fault indicator When the indicator is on, a fault to the ABS system is detected. It is recommended that you contact the authorized dealerships or service networks of Wuzheng Europe as soon as possible.
15		Fault in the vehicle system indicator When the indicator is on, it is recommended that you contact the authorized dealerships or service networks of Wuzheng Europe as soon as possible.
16		ESC operation or ESC fault indicator The indicator flashes to indicate that the ESC is working. If any fault in ESC is detected, the indicator will be on. It is recommended that you contact the authorized dealerships or service networks of Wuzheng Europe as soon as possible.
17		Frontal collision warning When the indicator is on, it indicates that there is a risk of collision and the driver needs to brake or take evasive maneuvers.

Description of indicators

1.Driver's seatbelt unfastened indicator red

The indicator is used to remind the driver to fasten the seatbelt. When the ignition is switched ON, if the driver's seatbelt is not fastened, the driver's seatbelt indicator will be on. The driver shall fasten the seatbelt, or the indicator will be constantly on.



2.Driver out of seat warning indicator orange

When the vehicle is READY, if the driver is not in the seat, this indicator will flash and an alarm will be activated.



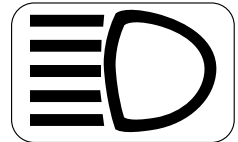
3. READY indicator green

When the ignition is switched ON, step on the brake pedal to start the vehicle. After that, the VCU will activate vehicle inspection, and the READY indicator on the dashboard will remain illuminated to remind the driver that the vehicle is ready to be driven. This reminder is given only once in an ignition cycle.



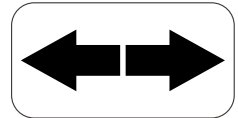
4.High beam indicator blue

When the high beam is on, the High Beam indicator turns on.



5.Turn indicator green

When the turn indicator lamp flashes, the turn indicator will turn on and then off. When the hazard warning indicator button is pressed, the left turn indicator and the right turn indicator turn on and then off simultaneously.



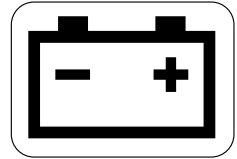
6. 12V battery charging and discharging alarm indicator red

a) During charging, this indicator is used to warn of faults in the charging system.

b) During discharging, this indicator is used to warn of faults in the discharging system.

c) This indicator is used to warn about the working state of the DC module and low-voltage battery module when the vehicle is not being charged or discharged.

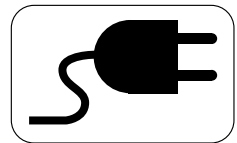
d) If this indicator is illuminated during driving, it indicates that there is a problem with the DC system or the low-voltage battery system. Turn off the air conditioner, MP3 player, etc. It is recommended that you turn off the air conditioner, MP3 player, etc., and immediately drive to the nearest authorized dealerships or service network of Wuzheng Europe for inspection.



Tip: don't drive for a long time when the indicator is on.

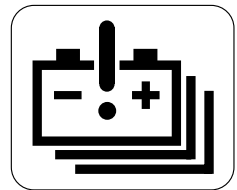
7. External charging line connection indicator red

When the indicator is on, it indicates that the charging gun is properly connected and charging can be commenced.



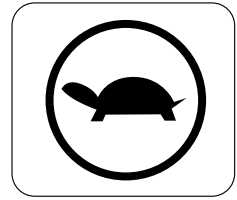
8. Low power battery alarm indicator yellow

When the power in the battery is $\leq 15\%$, this indicator will be on, and the battery shall be re-charged as soon as possible. When the low power battery warning lamp is on, if the vehicle is driven, it will run in the limp mode.



9. Drive power limit indicator yellow

When the power is low or the drive system fails, this warning lamp will be on, and the vehicle will run only in limp mode. If the low power battery warning lamp is also on, please immediately re-charge the battery. If any other fault indicator is also on, please contact the authorized dealerships or service networks of Wuzheng Europe immediately.

10. Fault in brake system indicator red

When the ignition is switched ON, this indicator will come on in the following cases:

- a) When the brake fluid is at a low level;
- b) When the vacuum pressure fails;
- c) When the Electronic Brake force Distribution (EBD) fails;
- d) If the warning lamp is on for a short time during operation, it does not indicate that there is a problem.

11. EPS fault indicator yellow

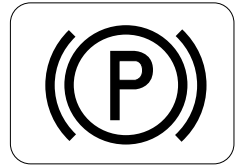
When the ignition is switched ON, this indicator is on. If the EPS system is working properly, the indicator will turn off after a few seconds. Then, if the system fails, the indicator will turn on again. In the event of any of the following conditions, it means that a fault occurs to a certain component monitored by the indicator system, and you should immediately contact the 3MX service network:

- a) When the ignition is switched ON, this indicator is off or constantly on;
- b) This indicator is on during driving.

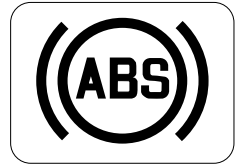


12. Parking brake not released indicator red

When the parking brake is not released, the indicator is on.

13. ABS fault indicator yellow

a) When the ignition is switched ON, this indicator is constantly on. If the ABS is working properly, it will turn off after 3s. In the event of any faults in the system, the indicator will come on again until the fault is eliminated.



b) When the ABS fault warning lamp is on (the parking brake fault warning lamp is off), the ABS does not work, but the brake system will still work properly.

c) When the ABS fault warning lamp is on (the parking brake fault warning lamp is off), since the ABS does not work, the wheels will be locked when braking in an emergency or on wet roads.

d) In the event of any of the following conditions, it means that a fault has occurred to a certain component monitored by the indicator system. It is recommended that you immediately contact the 3MX service network:

- When the vehicle is in the READY state, the warning lamp is off or constantly on.
- This warning lamp is on during driving.
- If the warning lamp is on for a short time during operation, it does not indicate that there is a problem.

e) When the parking brake has been fully released, the indicators of ABS (Anti-lock Brake System) and the brake system come on at the same time, indicating a failure of brake force distribution

between the front and rear wheels.

f) Pay more attention and drive in low speeds if this occurs.

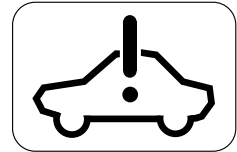
14. Fault in vehicle system indicator yellow

a) In the event of any fault to the power system, this indicator will be on.

b) In the event of any of the following conditions, it means that a fault has occurred to a certain component monitored by the indicator system. It is recommended that you immediately contact the 3MX service network:

- When the ignition is switched ON, this indicator will remain constantly on.
- This indicator is on during driving.

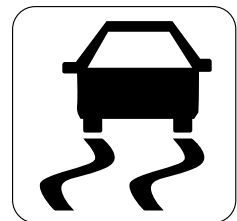
Tip: don't drive the vehicle with indicator on. It is recommended that you immediately contact the 3MX service network.



15. ESC operation or ESC fault indicator yellow

When this signal flashes, it means that ECS operation has been detected. When any ECS fault is detected, the indicator is on. It is recommended you immediately contact the 3MX service network. When a signal of improper wheel speed is given (for example, inconsistent wheel speeds longer than a certain time on a muddy road), ESC will also report a fault, which is a proper control strategy. After restarting the vehicle, the fault will be eliminated automatically.

When the vehicle detects any fault to the vehicle system, the system fault alarm lamp (red or yellow) will be on, with the fault code being displayed. If this occurs, please contact an authorized dealer immediately.



System fault alarm

When the vehicle detects any fault to the vehicle system, the system fault alarm indicator (red or yellow) will be on, and in some cases, the fault code will also be displayed. If this occurs, it is recommended that you immediately contact the 3MX service network.



1. Fault code: the vehicle fault code is displayed in this area. If the vehicle fails during driving, the fault code will be displayed in this area. The fault codes are 1-3 digit Arabic numerals within x-xxx, each representing a vehicle fault; for example, 1 stands for “low controller voltage” .



An alarm will be heard along with the system fault. Please do not panic. Park the vehicle and check the fault code. It is recommended that you immediately contact the 3MX service network.

2. The fault codes consist of three levels: I, II and III.

Level I: Warning of improper operations. These can be eliminated after immediate adjustment.

Level II: Warning of general faults, not affecting normal driving, and can be eliminated at authorized dealerships or service networks of Wuzheng Europe.

Level III : Early warning of serious faults. The power output is limited at this time, and vehicle speed shall be kept at about 20km/h. Some serious faults may even cause the breakdown of vehicles, which can be eliminated at authorized dealerships or service networks of Wuzheng Europe.

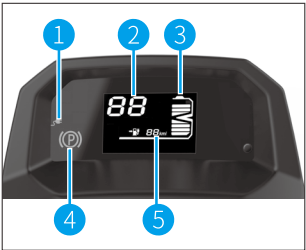
Examples of fault codes for level-I faults and solutions:

Fault code	Fault description	Solution
21	Low brake fluid level alarm	Immediately replace or add brake fluid to the specified level.
61	Over-speed protection warning, operation with limited power to 5500rpm, intermediate linear torque reduction	Slow down the vehicle to speeds < 60km/h.

When the charging gun is inserted into the vehicle, the dashboard will change the display mode and the speedometer will switch to the power battery charging state.

In the charging mode, the following are displayed:

1. External charging line connection indicator
2. Power battery state of charge (percent)
3. Power battery charging state indication
4. Parking brake not released
5. Driving range



Do not disassemble, remove or replace high-voltage components, cables or connectors without authorization. In the event of warning from the dashboard, please contact the 3MX service network as soon as possible.



Do not remove the charging connector. Otherwise, the internal circuit will be damaged and could cause charging abnormality or even short circuiting and fire.

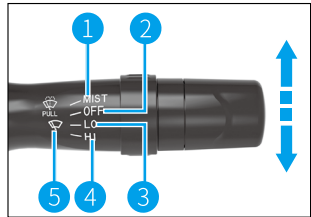
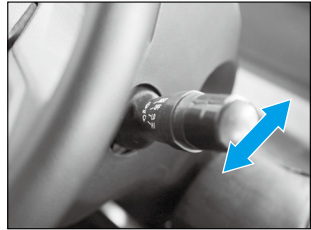
If the power supply fails, charging will be resumed automatically when the power supply is restored. It is normal to hear a sound during charging. In order to ensure the cooling of the charger, the cooling fan works constantly.



If idling for a long time, the battery power cord shall be disconnected. Check and maintain the battery capacity at about 50% every 3 months. If the idling lasts for more than half a year. Please fully charge it and then maintain the battery capacity of 50% -60%.

5-4 Wiper

1. MIST-a working cycle
2. OFF
3. Low speed
4. High speed
5. Washing
6. Washer
7. Nozzle



Open the hood and washer cover, and fill with washing solution. Do not operate the wiper when the front windshield is dry. Before operating the wiper, clean snow and ice from the front windshield to prevent the wiper motor from overheating.

Do not use the wipers to cleaning the front windshield in the event of an empty window washer.

If the nozzle is blocked, clean it with a fine needle.



**Note**

Before using the wiper in winter or in event of ice, check whether the wiper arm is frozen to the glass.



1. OFF

The wiper motor is shut down.

2. MIST

The wiper motor works for one cycle at a low revolution.

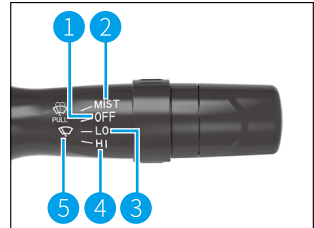
3. Low speed

The wiper motor works at a low speed.

4. High speed

The wiper motor works at a high speed.

5. Glass washing



Turn the switch handle as indicated in the figure to enable the wiping and washing functions. Pull the switch handle (towards yourself), until the washing solution is sprayed out of the washer nozzle into the front windshield, followed by wiping by the wiper arm. Release the switch handle to stop spraying the washing solution. The wiper arm will stop working after the set wiping action is completed.

5-5 Lights

The vehicle has a daytime running light function, using the low beam module. When the ignition key is turned to the ON position, the switches will be in the ON status and remain lit when the vehicle is running. Warning: taillights will not light up automatically and must be turned on manually at night or in case of low visibility.

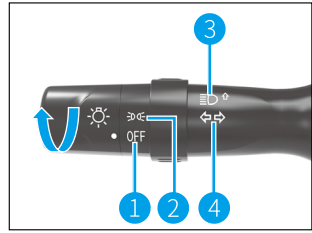


1. OFF

2. Clearance lamp

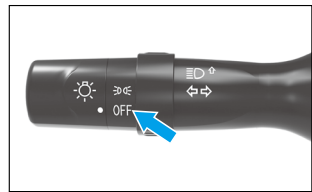
3. High beam: Push it down to turn on the high beam and pull it up to make the high beam flash once.

4. Turn indicator: Push it forward to make the right turn indicator flash and backward to make the left turn indicator flash.



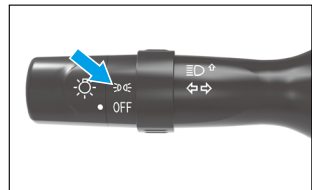
◆ 1. OFF

Turn off the Clearance lamp, high beam and low beam.



◆ 2. Clearance lamp switch

Turn the knob at the end of the light handle of the integrated switch into the corresponding position, to turn on the clearance lamp and low beam.



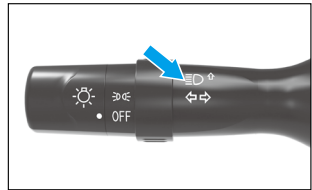
◆ 3. High beam

● Working conditions of the high beam:

(1) Turn the ignition switch to the ON position.

(2) The low beam (headlight) is active.

(3) The high beam is active.

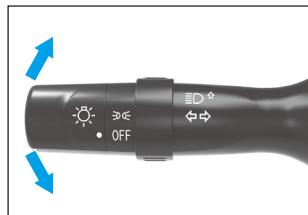


Caution

1. The high and low beams cannot be turned on at the same time.
2. Turn the high beam switch in the opposite direction to turn on the dipped headlights. When the dipped headlights are ON, the high beam will also be ON. When this switch is released, the high beam will be automatically turned off.

◆ 4. Turn indicator switch

The turn indicator works only when the ignition switch is in the ON position. Rotate the turn indicator switch lever forward to turn right and backward to turn left. The turn indicator will automatically change to the OFF position after the vehicle finishes turning and the steering wheel returns to the neutral position.



5-6 MP3 player

Use:

ON: Press “PWR/MUTE” left knob.

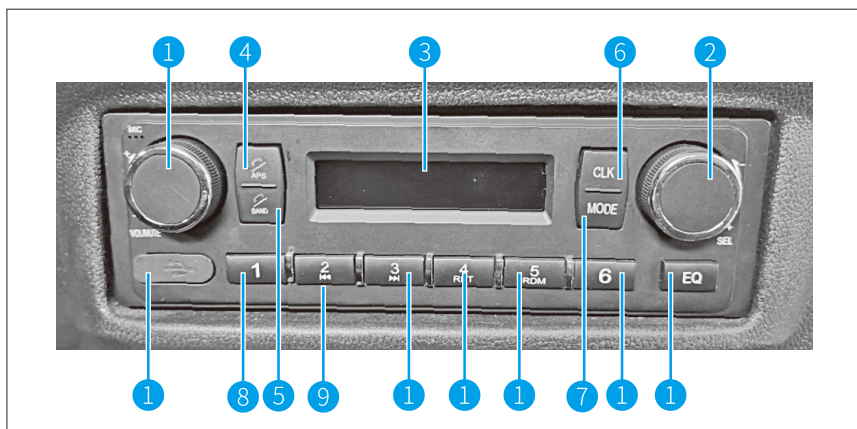
OFF: Press and hold “PWR/MUTE” left knob for 2 seconds.

Clock and sound setting: Press “CLK” “EQ” .

Sound source switching: Press "MODE".

Channel selection: Press “1-6” .

Volume change: Rotate left knob.



1. Left knob: Press for startup and hold for 2 seconds for shutdown. In the ON status, press to enable the mute mode; Rotate left to decrease the volume, and rotate right to increase the volume.

2. Right knob: Rotate left to decrease the frequency of radio station, and rotate right to increase the frequency; Press to enable sound settings; In the clock setting state, adjust the clock.

3. Display screen.

4. Answer phone calls/APS: Press and hold APS to search the radio stations automatically and store them to FM1, FM2 and FM3, totaling 18 radio stations; Answer incoming phone calls; Press to dial the last call number.

5. Hang up/BAND: FM1/FM2/FM3 switching (press this button). Up to 6 radio stations can be stored in each band.

6. CLK: Press once to display the clock (return to the radio interface if no operations are performed in 5 seconds); Press and hold to enable time setting, rotate the knob to adjust the time, and press again to exit the setting interface.

7. MODE: Radio/MP3(USB flash)/bluetooth music switching (short press).

8. "1": Press to switch to the No.1 radio station of current band in the memory.

9. "2": Press to switch to the No. 2 radio station of current band in the memory; In music mode, press to choose the previous music.

10. "3": Press to switch to the No.3 radio station of current band in the memory; In music mode, press to choose the next music.

11. "4": Press to switch to the No.4 radio station of current band in the memory; In music mode, press to repeat the current music, again to resume loop play.

12. "5": Press to switch to the No.5 radio station of current band in the memory; In music mode, press to randomly play the music, again to resume loop play.

13. "6": Press to switch to the No.6 radio station of current band in the memory.

14. "EQ": Press to cycle through shortcut sound effects (CLASSIC/POP/ROCK/VOCAL/JAZZ).

15. USB port.

5-7 12V auxiliary power supply

12V auxiliary power supply is suitable for accessories below 12A or 140-150W. Overload use is prohibited. The 12V auxiliary power supply cannot be operated until the ignition switch is in the “ACC” position. When not in use, close the cover to avoid short circuiting caused by foreign objects. The auxiliary power is supplied by the 12V battery. When the vehicle is running, the 12V power supply is continuously charged by the high-voltage battery of the system. Excessive use of the 12V power supply will reduce the mileage of the vehicle.



Warning

- ① When the vehicle is running, the 12V auxiliary power supply uses the stored power of the power battery.
- ② When the vehicle is stopped, the 12V auxiliary power supply uses the stored power of the battery. To prevent the 12V auxiliary power from severe deficiency, please reduce the use of auxiliary power supply.
- ③ DO NOT short circuit the vehicle.

5-8 Startup

Functional module:

LOCK: Indicate the lock. Stop the vehicle, turn the key to this position and pull it off. The steering function of the steering wheel will be locked.



ACC: Auxiliary power-on. Turn the key to this position to power on the vehicle's low-voltage electrical equipment.

ON: High-voltage power-on. Turn the key to this position to power on the vehicle's high-voltage electrical equipment. The driving function is not activated.

START: Startup. Turn the key to this position to activate the driving function. The vehicle will be started.



Vehicle startup:

Before starting the vehicle, check the position of the inner and outer rear-view mirror, lock the doors, adjust the seats and make sure that the gear knob is in the "N" position. Then follow these steps:

1. When the parking brake light is ON, step on the brake pedal.

2. Turn the key to the "START" position and release it when the "READY" indicator is ON.

3. Operate the gear knob according to actual needs. "D" is forward and "R" is backward, which will be displayed on the dashboard. (Tips: the gear knob will return to its original position after each operation)

4. Release the parking pedal.



5. Release the brake pedal, and gently step on the accelerator pedal to make the vehicle move forward/backward.



1. Proper startup and driving can help extend the vehicle life and also improve driving safety and vehicle mileage.

2. After startup, immediately release the ignition key, observe the dashboard until all fault indicators are OFF and then continue driving.

3. The vehicle will speed up since the inertial force is greater than resistance while driving down a big slope. In order to ensure the safety, it is recommended that the driver actively enable the brake to slow speed. The vehicle speed must not exceed 60km/h.

Warning

Make sure that the doors are closed and locked before starting the vehicle.

Warning

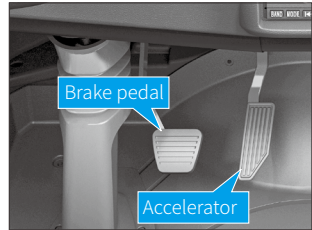
To start a vehicle, keep the knob in the N position and step on the brake pedal for ignition. After the vehicle is started, continue stepping on the brake pedal, and turn the gear knob from the N to D or R position to drive the vehicle forward or backward. In addition, the brake pedal should be released slowly.

**Caution**

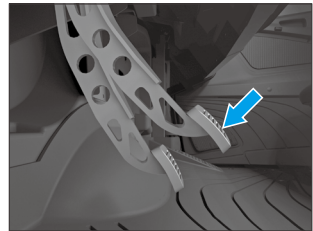
1. The green “READY” is shown on the dashboard.
2. Other fault signals are not displayed on the dashboard.
3. If the battery voltage is greater than 12V, it indicates that the DCDC is working normally. Otherwise, it indicates that the DCDC is not working and needs to be inspected and repaired immediately.
4. Check the brake system, lighting system, wiper washing function and horns.
5. The power battery SOC should be greater than 30%. Otherwise, the battery needs to be charged as soon as possible.
6. Check the motor temperature and motor controller temperature.

5-9 Stopping

1. Location of the brake pedal in the vehicle.



2. Release the accelerator pedal and depress the brake pedal by 1/2 to 2/3 at 25-35m in front of the predetermined place until the vehicle is fully stopped.



3. Before reaching the parking spot, slowly depress the brake pedal to bring the vehicle to a complete stop.



Except for emergencies, emergency braking should not be applied, especially on slippery roads on rainy days. Emergency braking is likely to cause sideslip, drifting and other dangers.

5-10 Parking

With the same total weight, the braking distance of the single-front-wheel vehicle is longer than that of the four-wheel vehicle. Pay attention to the braking distance of the vehicle to prevent the vehicle from driving too closely behind another vehicle.

The vehicle is equipped with a vacuum booster system, which is vacuumed by an electric vacuum pump. After the vehicle is started, the electric pump will intermittently make noise under the cab floor. This noise is normal and should be ignored.

The vehicle is also equipped with an anti-lock brake system (ABS). When this system is triggered, the pedal will push against the foot. If this occurs, step on the pedal forcefully, without releasing it.

The parking brake pedal is on the left of the steering column and needs to be operated with the left foot. Before leaving the vehicle, step on the parking brake as forcefully as possible. For clutching, step on the parking brake pedal until a click sound is heard, and then gently lift your foot.

How to park the vehicle

When leaving an unattended vehicle:

1. Step on the parking brake pedal with the left foot, until the parking indicator is ON.



2. According to the shifting strategy, adjust the gear knob to the N position on the dashboard.



3. Close all windows and lock all doors.

4. Turn the start switch key to the “LOCK” position and pull out the key.

5. Check and make sure that all lights are OFF.

6. If a vehicle is parked on a slope and left unattended, apply wheel stoppers.



Warning

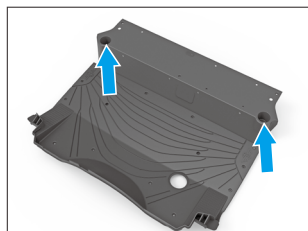
If the vacuum booster does not work while the vehicle is running, the braking effect will decline. If this occurs, step on the brake pedal forcefully.

5-11 Storage

Sundries, documents, bags and others can be stored on both sides of the center console of the dashboard.



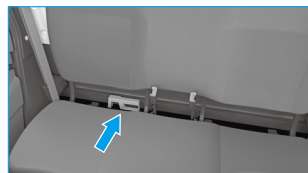
There are cup holders on both sides of the seat, where water cups, pens, and other things can be kept.



5-12 Glass breaker

Instructions

1) In the event of emergency, pull out the glass breaker from the rear of the front passenger seat.



2) Knock hard at the four corners of the door glass.

3) Confirm that the door glass is completely clear and escape from the window.



**Caution**

1) When the personnel in the vehicle confirm that the door cannot be opened through the inside open button when the whole vehicle is powered off and the door glass is fully closed, they can use the glass breaker to break the door glass to escape.

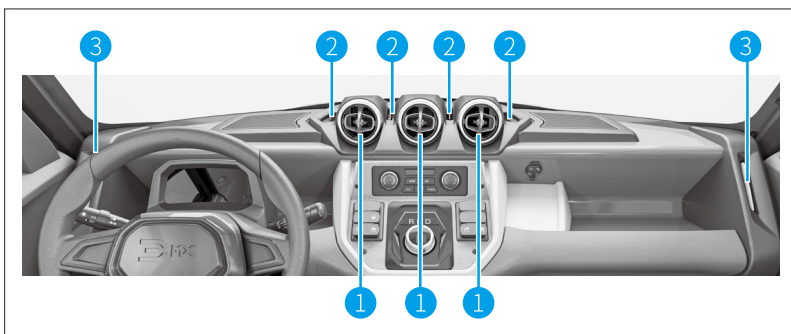
2) In order to avoid personal injury caused by scattering glass fragments when glass is shattered, please keep a safe distance of more than 0.5m between your body and the door glass.

6 Air conditioning System

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6-1 Air-conditioning unit

Air outlet location



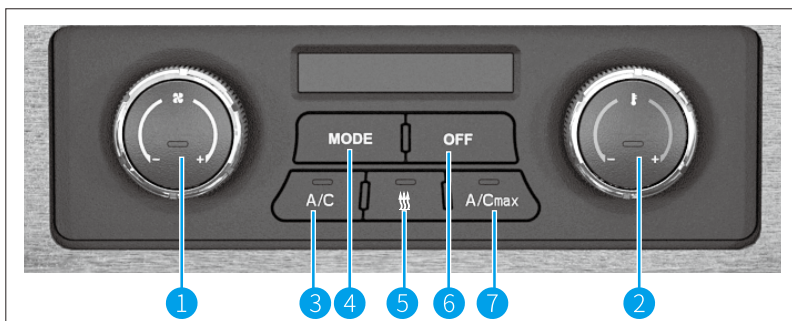
1. Central outlet 2. Defrosting outlet 3. Side glass defrosting outlet

Opening and closing the outlet

- ① Turn left to open the central outlet.
- ② Turn right to close the central outlet.



6-2 Air-conditioning control



1. Air adjustment knob

Turn the air adjustment knob clockwise (increase) or counterclockwise (decrease) to adjust the fan speed. The air volume can be adjusted at Level 1-6, which is displayed on the controller screen accordingly. Turn the air adjustment knob clockwise to start the air-conditioning controller.

2. Temperature adjustment knob

Turn the temperature adjustment knob clockwise (heating) or counterclockwise (cooling) to adjust temperature settings.

Turn this knob counterclockwise to the minimum temperature (19°C) and clockwise to the maximum temperature (29°C) on the screen.

3. A/C button

Turn the temperature knob. When the temperature displayed on the screen is less than 24°C , press “A/C” or “A/C max” to blow out cold air.

4. Mode adjustment

Press the “Mode” button and select the outlet mode. Five modes are available. The current blowing mode is shown on the display screen.



Blow air towards the face



Blow air towards the face and feet.



Blow air towards the feet.



Blow air towards the feet and front windshield.



Blow air towards the front windshield.

5. Heat button

Turn the temperature knob. When the temperature displayed on the screen is 24°C or greater, press this button until the indicator is ON and hot air is blown out.


6. OFF button


Press “OFF” to turn off the air-conditioner. The air-conditioner has an automatic memory function to keep the working status of the air-conditioner before the previous power-on.

7. A/C max button

Press “A/C max” for quick cooling.

6-3 Defogging and defrosting

Press the “Mode” button and set it to the “” position. Conduct the following operations:

- 1) Turn the air adjustment knob to adjust the fan speed.
- 2) Turn the temperature adjustment knob and press the “” (heating) button.
- 3) If dehumidification is unsuccessful, press “A/C” to start dehumidification.


The increase in the wind speed and temperature is conducive to quick defogging and defrosting of the windshield and front windows.



Recommendation

In the of freezing, manually remove ice on the windshield via the scraper, instead of using the defogging/defrosting function only.

Warning

Do not set the outlet knob to “” when cooling under extremely humid conditions. The temperature difference between the external air and windshield will cause fogging on the outer surface of the windshield, which will obstruct your vision.

6-4 Operating instructions

1) The A/C is not equipped with an external circulation function. In order to reduce the accumulation of moisture, press the A/C button to operate the dehumidification function.

2) On a hot summer, it is recommended that you open all doors and windows, press “A/C max” for quick cooling and then enable the A/C mode after entering the vehicle.

3) The air-conditioner has an automatic memory function to keep the working status of the air-conditioner before the previous power-on.

4) In the event of lubricant loss of the compressor (e.g. refrigerant leakage, natural discharge and system maintenance), the lubricant

specified by the compressor manufacturer must be added as appropriate to protect the compressor.

5) The air-conditioner should be run once or twice a month and for about 10 min respectively, to ensure the proper lubrication of the compressor and seals and avoid leakage.

**Caution**

The air-conditioner consumes part of the power of the vehicle's power battery. If the air-conditioner is used for a long time, the vehicle mileage will decrease. In order to ensure the vehicle is running correctly, the cooling/heating mode must not be enabled in the event of low battery power. Cooling/Heating will be automatically recovered when there is sufficient power.



Warning: Please add refrigerant as required for normal operation of the air-conditioning system.
Refrigerant model: R1234yf; volume: 460 ± 10 g.

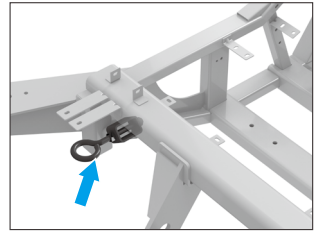
7 Towing

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7-1 Tow ring

There is a tow ring at the front end of the vehicle. When the vehicle is stopped due to failure, it can be towed. Specific steps are as follows:

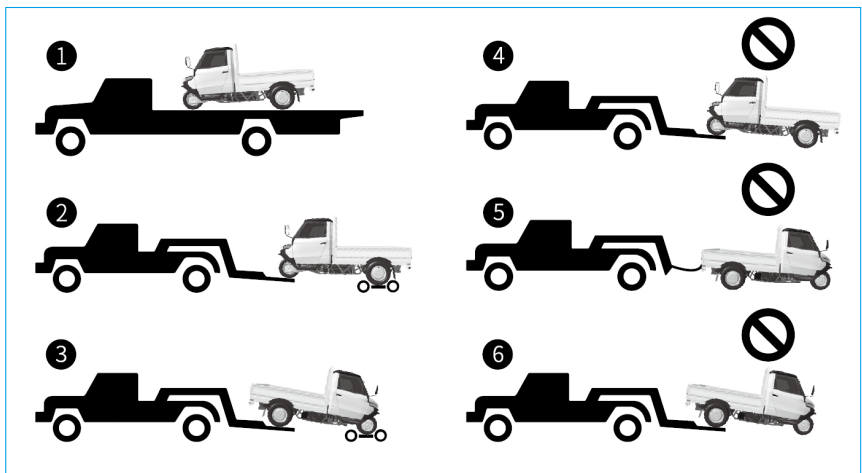
1. Find the front tow hook.
2. Connect the towing rope with tow hook, without damaging the body.
3. If the vehicle cannot be started, turn the ignition switch to the "ON" position.
4. Turn the gear knob to the "N" position.
5. Turn on the hazard warning light and release the parking brake for towing.



Fault services

In the event of failure

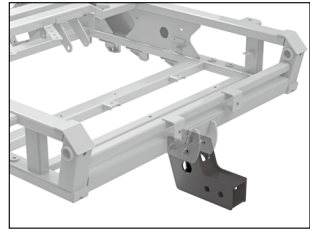
If the vehicle is being tow, the power battery needs to be completely discharged, and only a pickup truck is allowed to operate. Please refer to the following pictures when towing the vehicle.



7-2 Tow hook

The tow hook is optional. Please select it as needed. Specific installation steps are as follows:

1. Take out the tow hook fixing bracket weldment and standard parts (provided for the vehicle with a tow hook).
2. Prepare the tools needed for installation.
3. Fix the tow hook fixing bracket weldment at the rear end of the frame with bolts as shown in the figure.
4. Users can install the tow hook by themselves or ask an authorized dealership or service network of Wuzheng Europe for help.



Towing

7

Warning

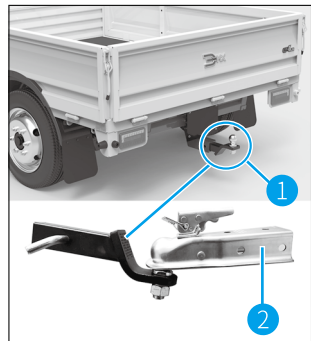
The theoretical towing load is 750kg. It is forbidden to tow a vehicle that is overloaded.

Warning

If a vehicle is towed by a trailer, its speed should be less than 30km/h.

Use:

1. Install the spherical towing head on the fixture.
2. Install the spherical towing cover on the spherical towing head.

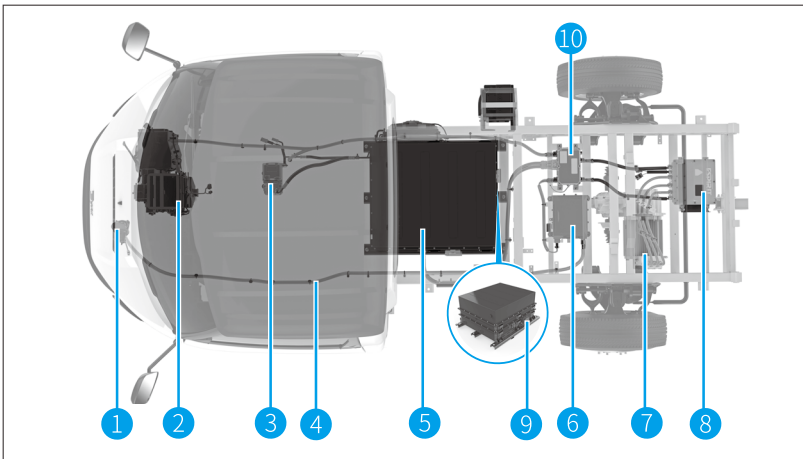


1. Spherical towing head (50mm)
2. Spherical towing cover

8 Charging

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8-1 High-voltage electrical parts



1. High-voltage charging socket
2. HVAC assembly
3. Compressor
4. High-voltage cable (orange)
5. Power battery
6. 2-in-1 controller
7. Drive motor
8. MCU
9. Emergency stop button for battery maintenance
10. PDU



Users **SHOULD NOT** dismantle or replace high-voltage components, cables or adapter in the high-voltage system. High-voltage cables are marked in orange for easy identification.

For your safety, please read and follow all instructions on vehicle labels.

In the event of a fire, please contact the local fire and rescue department immediately. The power battery has an emergency “OFF” switch.

For emergency repair of the high-voltage system or vehicle, this switch needs to be dismantled. It must be installed after vehicle repair or maintenance.

Charging interface

The 3MX-EV is equipped with an AC slow charging port. Users can charge the power battery as needed. Refer to the “Charging” section for specific operations.

Power battery

The 3MX-EV is equipped with the power battery (output voltage: greater than 300V) of high energy density as the power source, which supplies power to the drive motor and other high-voltage electrical components, such as the air-conditioner and heater. In addition, the low-voltage battery is charged through DCDC conversion.

The **SHOULD NOT** conduct any operations to the power battery. When it needs to be repaired or replaced, the vehicle should be sent to an authorized dealer or service center of Wuzheng Europe company. When a vehicle is being scrapped vehicle, it should be sent to enterprises capable of recycling and disassembling the power battery.

**Caution:**

- Do not expose the vehicle to an ambient temperature above 50° C for more than 24 hours.
- Do not expose the vehicle to an ambient temperature of 40-50° C for more than 7 days.
- The idle time of the vehicle must not exceed one week. Otherwise, the battery voltage will drop. When the power of the 12V low-voltage battery drops to a certain level and the vehicle is ON, the power battery will be charged but its power will also be used. If the vehicle is not operated for a long time, it is recommended that you disconnect the negative terminal of the battery (note: fan operation is normal in this process).
- Do not use the power battery for other purposes.

Tips

● Like other batteries, the power capacity of the power battery after each charging process will decline along with its life and use, and the vehicle mileage will decrease accordingly. This is a normal feature of batteries and does not indicate any fault in the vehicle or power battery.

● When the available power of the power battery decreases, the power indication column on the dashboard will flash, and the low power warning message will appear on the dashboard screen.

● When a warning appears, the vehicle mileage will be limited. Please drive to the nearest charging station as soon as possible to charge the battery. Otherwise, the starting power limit function will be enabled, which will reduce the running speed. In addition, the vehicle will run only in the “limp home” mode.

● When the vehicle is ready for driving, the power battery will charge the 12V battery as needed.

Controller

The vehicle involves a 2-in-1 controller, motor control unit MCU, etc.

Electrical controls have high voltage. There are high voltage hazard marks on relevant electrical boxes. Please conduct maintenance as required. Non-professional maintenance personnel **SHOULD NOT** inspect and repair these boxes, in order to avoid personal injuries and property damage.



Caution

MCU fan inspection

In order to prevent the MCU fan from becoming blocked by mud or particles, which will result in the fault code 73 (radiator fan fault), it is recommended that you check the fan for foreign matter once a month (immediately after operating on a muddy road). Foreign matter (if any) should be flushed away by a water pipe.

The 2-in-1 controller has the functions of vehicle charging and DCDC conversion. It generates heat during operation, so a fan is required to dissipate heat. This is in order to prevent the fan of the 2-in-1 controller from being stuck by foreign matters (e.g. mud and stones) and the corresponding impact on controller cooling.

According to the running time and environment of the vehicle, the following is recommended:

1. Normal maintenance: once every six months or 5,000 km.
2. Muddy roads: Check the vehicle immediately after use. Clean up foreign matter on the fan with a dry towel or brush, or purge them with compressed air.
3. If the fault codes 101, 102, 131 and 132 appear on the dashboard, check and clean the fan of the 2-in-1 controller immediately.
4. It is not recommended that you flush the fan with liquid, in order to avoid damage to the components.

Drive motor

The 3MX-EV is equipped with a high-efficiency drive motor to provide power output. The drive motor involves high-voltage input, so DO NOT dismantle and maintain the drive motor without cutting off the power supply of the entire vehicle, in order to avoid personal injuries and property damage.

8-2 Hazards and solutions

For the 3MX-EV, high-voltage DC power greater than 300V is applied in the power system. After vehicles are used for a long time, the power system will generate a lot of heat. Please pay attention to high voltage and high temperature.

The orange connecting wire is a high-voltage harness. DO NOT disassemble, move or change the high-voltage electrical parts and connecting wires without permission, because the connector may cause serious burns or electric shock and even personal injury or death. Users SHOULD NOT repair the high-voltage system by themselves. Any maintenance must be carried out by an authorized dealership or service network of Wuzheng Europe.

In the event of general faults of the high-voltage components and power system, the vehicle will sound an alarm. At this time, you should contact the authorized dealerships or service networks of Wuzheng Europe in time for troubleshooting by professionals.

In the event of severe faults of the high-voltage components and power system, the vehicle will sound an alarm. Immediately drive the vehicle into a safe area and leave it. In addition, notify an authorized dealership or service network of Wuzheng Europe in time for emergency handling.

Vehicle fire and rescue

In the event of a fire, operate the vehicle as follows according to the actual situation:

1. Set the vehicle to the OFF mode. When the conditions permit, disconnect the 12V battery on the right side.

2. In the event of a large-scale fire that spreads rapidly, immediately leave the vehicle and wait for rescue.



Caution

Cool down the vehicle and extinguish fire using a large volume of water. Do not use any dry powder fire extinguishers.

The power battery system of the 3MX-EV may explode at extremely high temperatures. But in the event of violent flying or splashing of components (e.g. interior parts and glass) under other special circumstances, please keep distant from the vehicle and notify an authorized dealership or service network of Wuzheng Europe for emergency handling.

Battery system

The power source of 3MX-EV is the power battery, which can be recharged many times. It is recommended to fully charge the power battery with AC power before the first use.

To keep the power battery in the best conditions, it is recommended to fully charge it by AC charging means on a regular basis, preferably once a week.

Check the power battery every three months to ensure that power is maintained at about 50%. If a vehicle is not in use for more than six months, first charge the power battery to 100% and then discharge it to 50% to 60%; otherwise, its performance may decline due to over-discharge. Vehicle faults and damage arising therefrom is excluded from the warranty.

Non-professionals SHOULD NOT disassemble the power battery.

For new electric vehicles, the mileage may vary due to differences in driving habits, road conditions, temperature and the use of onboard electrical components under normal working conditions of the power battery.

The power battery is a kind of special chemical product which needs to be correctly used and maintained. Correct routine use is essential to its performance. Considering chemical characteristics, the battery capacity is subject to natural attenuation. Therefore, the mileage of a vehicle that has been used for some time will decrease. When the mileage of a vehicle

decreases significantly, please have it checked by an authorized dealership or service network of Wuzheng Europe. If the battery consistency is within a normal range according to the inspection results of an authorized dealership or service network of Wuzheng Europe, the decrease in vehicle mileage is caused by the normal attenuation of the battery capacity.

Battery leakage and rescue

In the event of any leakage or pungent odor of the battery after a vehicle collision, or if there is smoke inside the power battery, or there are other abnormalities, please conduct simple troubleshooting as follows:

1. Set the vehicle to OFF mode.

2. In the event of any leakage, immediately request assistance from an authorized dealership or service network of Wuzheng Europe. In the event of unexpected exposure to the leaked liquid, immediately rinse the affected area with plenty of running water for 10-15 minutes and seek medical help in a hospital.



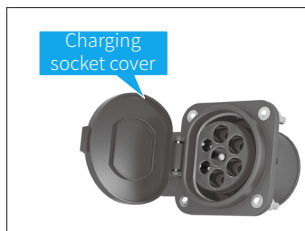
Caution

DO NOT touch leaked liquid. Stay away from a leaking vehicle or power battery.

8-3 Charging

Vehicle charging instructions: 3MX-EV are charged by means of AC charging. The AC charging socket (7-pin) is located inside the front cabin of the vehicle, as shown on the right.

You can use household chargers, public AC chargers and portable chargers to slowly charge your vehicle.



Note: 3MX-EV must be charged by a charger that complies with the latest European standards.

Flip up the charging socket cover before charging. Pull out the charger and close the charging socket cover after charging.

Inspection before charging:

- ▶ Make sure that the vehicle is in the OFF status.
- ▶ Make sure that the charging cable is free of scratches or cracks, and the charger surface is not damaged or does not have any other abnormalities.
- ▶ DO NOT charge the vehicle when the charging socket is dirty and wet. If this occurs, wipe the charging socket with dry and clean cloth, until it is dry and clean.

Warning

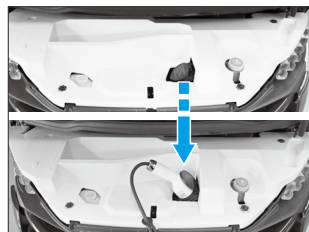
1. DO NOT charge the vehicle if the surface of the charging socket is damaged, rusted, cracked, or has poor contact.
2. DO NOT charge the vehicle if the charging cable and charger are damaged or not connected securely.
3. DO NOT charge the vehicle if the charging socket shows an abnormal status.

Charging process:

Make sure that the vehicle is powered off and the key is pulled out.

1. Enable the “N” mode, press the parking pedal and open the front cabin cover.

2. Check whether the charger and charging socket are in good condition. Align the charger and charging socket, and insert the former into the latter. Then both of them will be paired. If the charging indicator on the combination instrument is ON, it indicates that the connection is correct. In the event of incorrect pairing between the charger and charging socket or timeout of the matching process, please connect the charger again.



3. Turn on the charger (AC charger ON and onboard charger connected to the 220V power supply) to start charging. If the power indication column on the dashboard flashes, it indicates that the vehicle is charged normally.

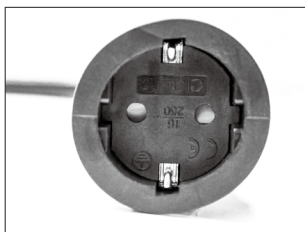
4. When charging is completed or manually suspended, press the hood release button of the RKE twice within 1s to unlock, and the charger must not be removed until the vehicle is unlocked and the electronic lock makes an unlocking sound.

5. If the vehicle is not unlocked in the charging process, the charger cannot be pulled out. Do not pull out the charger forcibly. If the charger cannot be pulled out after the vehicle is unlocked, turn the manual unlocking switch of the electronic lock behind the charging socket, and pull out the charger after the electronic lock is unlocked. Please stop charging immediately and contact professionals of an authorized dealership or service network of Wuzheng Europe.

6. If the vehicle cannot be charged via the charger, please replace one and try again. If this problem continues to occur, please stop charging immediately and contact an authorized dealership or service network of Wuzheng Europe.

7. Properly keep the charger pulled out, and close the charging socket cover and cabin cover.

8. In order to keep the power battery in the best condition, it is recommended that you fully charge it using AC charging on a regular basis, preferably once a week.



Special tips:

1. Charging safety warning:

▶ Please charge the vehicle in a safe environment (avoid liquids, fires, etc.).

▶ DO NOT change relevant ports. Otherwise, the power battery system of the vehicle may be damaged, and system short-circuits and fires could occur.

▶ DO NOT to modify the charger or charging cable. Otherwise, charging failures may occur.

▶ Before charging, make sure that the vehicle, charger and charging port for the charger connection are free of water or foreign matter, and that metal terminals are not damaged or affected by rust or corrosion. Otherwise, the vehicle must not be charged. Improper terminal connection may cause short circuiting or electrical shocks and pose a threat to safety.

▶ In the event of abnormal smell or smoke emitted by the charger or vehicle during the charging process, please stop charging immediately and cut off the power supply of the charger.

2. In order to avoid severe personal injury, follow the precautions below during the charging process:

▶ DO NOT charge or touch the vehicle during a lightning storm. Cut off the power supply of the charger.

▶ Once charging is complete, DO NOT disconnect the charger connector with wet hands or while standing in water. Otherwise, electric shock and personal injury may occur.

▶ Before driving a vehicle, make sure that the charger is completely pulled out of the charging socket and the protective cover is properly closed.

▶ DO NOT pull the charger forcibly during the charging process. Otherwise, the charging port, power system and charger may become damaged, and, in serious cases, a fire could occur due to short circuiting.

Charging tips:

▶ When the SOC indicated on the dashboard is less than 20% or the power is obviously insufficient while the vehicle is running, please charge the vehicle as soon as possible to prevent the vehicle from being unable to run as a result of a lack of power in the power system and the corresponding impact on the service life of the power system.

▶ Please charge the vehicle within the reasonable working range of the power system. Do not charge the vehicle when the battery temperature is higher than 55°C . The power system will not charge the vehicle until the battery temperature is in the temperature range of -20°C to 0°C , the power battery is in the heating status and its temperature rises by more than 1°C .

▶ In the event of short-term power failure of the grid, it is not necessary to pull out the charging plug. When the grid is powered on, the vehicle can be charged continuously according to normal charging procedures. If the grid is OFF for a long time, the charging plug must be pulled out and kept properly.

▶ While the vehicle is charging, remain outside of the vehicle if possible, and ensure that the vehicle is parked in a ventilated place. The vehicle or power system may produce a “crack” sound, which is generated due to the engagement and disengagement of the control relay and contactor. This is normal.

▶ When charging is stopped, first swipe the card, then use the RKE, press the hood release button twice within 1s to unlock, and then pull out the charging plug.

▶ If the vehicle is not in use for a long time, disconnect the onboard 12V battery. It is recommended that you charge the power system once every three months.

▶ Since the residual power of the power system varies before charging, the charging time may have a deviation, which is a normal phenomenon.

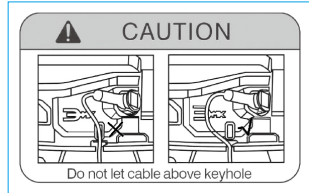
▶ Some modules of the charger may generate electric sparks. In order to avoid accidents, DO NOT charge the vehicle in gas stations and where there are flammable gases or liquids.

▶ There may be electromagnetic field interference in the working area during charging. Electromagnetic field interference may affect

the normal function of electronic equipment. Users with an implanted cardiac pacemaker or implanted cardiovascular defibrillator must not drive a vehicle and should stay away from vehicles that are being charged. Electromagnetic interference could lead to injuries or deaths due to the impact on implanted cardiac pacemakers or implanted cardiovascular defibrillators.

**Note:**

Use the charging cable in the specified position.



9 Maintenance

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9-1 Routine inspection

Steering wheel

Turn the steering wheel until tires start to rotate, and detect the clearance of the steering wheel. The standard clearance range of the mechanical steering mechanism is 0-5 degrees. In addition, the clearance should be measured along the periphery of the steering wheel in front of the front wheel.

Brake fluid reservoir

Check whether the level inside the brake fluid reservoir is filled to the specified level mark. If the level inside the brake fluid reservoir is below the “MIN” scale line, fill with the recommended hydraulic brake fluid to the “MAX” scale line.

Tire

To ensure even tire wear for longer service life, please change the position of front tire with rear tires once the vehicle has run for 9,000km.

Parking brake pedal

Step on the parking pedal when parking and the parking brake will activate. Release the parking pedal to disable the parking brake before running the vehicle.

◆ Tips: When the parking brake light is ON, it indicates that the parking brake is engaged. Make sure that the parking pedal is fully released to start the vehicle.

9-2 Maintenance schedule

To ensure operational safety and maximize economic operation, regular inspection and maintenance should be performed by an authorized dealerships or service networks of Wuzheng Europe according to the maintenance schedule.

The symbols in the table are defined as follows:

A Total mileage (×1,000km).

B Month.

★ Maintenance item of normal operations.

☆ Run-in maintenance item.

1. Maintenance cycle and content of chassis

Inspection/Maintenance Item	A (Mileage)	3	8	13	18	23	28	33	38	43
	B (Month)	3	9	15	21	27	33	39	45	51
Dust cover for constant velocity universal joint of transmission shaft: check for damage and oil leakage	☆	★	★	★	★	★	★	★	★	★
Steering tie rod head: check the clearance and damage to the dust cover.	☆	★	★	★	★	★	★	★	★	★
Electronic power steering: check whether the controller works normally.	☆	★	★	★	★	★	★	★	★	★
Brake pipeline system: visually inspect it for brake fluid leakage and check the level inside the brake fluid tank.	☆	★	★	★	★	★	★	★	★	★
Handbrake: check the stroke and adjust it if necessary.	☆	★	★	★	★	★	★	★	★	★
Brake pad: measure its thickness.	☆	★	★	★	★	★	★	★	★	★
Wheel camber: check and make adjustments if necessary.	☆	★		★		★		★		

2. Maintenance cycle and content of brake system

Inspection/Maintenance Item	A (Mileage)	3	8	13	18	23	28	33	38	43
	B (Month)	3	9	15	21	27	33	39	45	51
Replacement of brake fluid					★					★
Check the control mechanism for malfunctioning or damage	☆	★	★	★	★	★	★	★	★	★
Check the driving and parking brake	☆	★	★	★	★	★	★	★	★	★
Check the brake pipeline and values for leakage	☆	★	★	★	★	★	★	★	★	★
Check brake clearance	☆	★	★	★	★	★	★	★	★	★
Check the tightness of brake base	☆	★	★	★	★	★	★	★	★	★
Check the wear of the brake shoe and friction plate	☆	★	★	★	★	★	★	★	★	★
Check the wear of the brake drum	☆	★	★	★	★	★	★	★	★	★

5. Maintenance cycle and content of suspension system

Inspection/Maintenance Item	A (Mileage)	3	8	13	18	23	28	33	38	43
	B (Month)	3	9	15	21	27	33	39	45	51
Check the bolt tightness of the front and rear suspension systems	☆	★	★	★	★	★	★	★	★	★
Check the front and rear damping springs for damage	☆	★	★	★	★	★	★	★	★	★
Cleaning of the front and rear shock absorber		★	★	★	★	★	★	★	★	★
Check the shock absorbers for damage and loosening	☆		★	★	★	★	★	★	★	★
Check and replacement (if necessary) of the shock absorbers			★	★	★	★	★	★	★	★
Check the rubber auxiliary spring for damage and replace if necessary		★	★	★	★	★	★	★	★	★
Check whether the front leaf spring stop block is damaged, and replace it if necessary		★	★	★	★	★	★	★	★	★
Check the interference between the stabilizer bar, lower swing arm and surrounding				★	★	★	★	★	★	★
Check and replacement (if necessary) of the lining of the stabilizer bar				★	★	★	★	★	★	★
Check and replacement (if necessary) of the lining of the lower swing arm, upper front connecting rod and upper rear connecting rod				★	★	★	★	★	★	★
Check the condition of the lower reinforced front beam and the lower reinforced rear beam, and replace them if necessary				★	★	★	★	★	★	★

6. Maintenance cycle and content of drive shaft

Inspection/Maintenance Item	A (Mileage)	3	8	13	18	23	28	33	38	43
	B (Month)	3	9	15	21	27	33	39	45	51
Check that nuts of the transmission shaft are installed firmly.	☆	★	★	★	★	★	★	★	★	★
Check the dust cover for the constant velocity universal joint for breakage and leakage.	☆	★	★	★	★	★	★	★	★	★
Check the constant velocity universal joint for damage	☆	★	★	★	★	★	★	★	★	★
Check the shaft for deformation	☆	★	★	★	★	★	★	★	★	★

7.Maintenance period and content of axle and wheels

Inspection and maintenance items	A(Mileage)	3	8	13	18	23	28	33	38	43
	B (Month)	3	9	15	21	27	33	39	45	51
Check the wheel assembly.		☆	☆	★	★	★	★	★	★	★
Tighten the wheel nuts.		☆	☆	★	★	★	★	★	★	★
Check the tire pressure.		☆	☆	★	★	★	★	★	★	★
Check if the tire is abnormally worn.			☆	★	★	★	★	★	★	★
Check if the felly assembly is damaged and deformed.			☆	★	★	★	★	★	★	★

8.Maintenance period and content of the electric system

Inspection and maintenance items	A (Mileage)	3	8	13	18	23	28	33	38	43
	B (Month)	3	9	15	21	27	33	39	45	51
Check the differential pressure of a single power battery.		☆	★	★	★	★	★	★	★	★
Check if the insulation value of power batteries is normal.		☆	★	★	★	★	★	★	★	★
Check the state of connection of the HV wire harness of power batteries.		☆	★	★	★	★	★	★	★	★
Check the parts of output shaft of the drive motor.		☆	★	★	★	★	★	★	★	★
Check the connection of high tension bus bar of the drive motor.		☆	★	★	★	★	★	★	★	★
Check the interconnecting pieces of the electric wiring.		☆	★	★	★	★	★	★	★	★
Check the operating state of lamps and relay.		☆	★	★	★	★	★	★	★	★
Check battery voltage										★

9.Maintenance period and content of others

Inspection and maintenance items	A (Mileage)	3	8	13	18	23	28	33	38	43
	B (Month)	3	9	15	21	27	33	39	45	51
Check if the car frame is deformed or cracked.			★	★	★	★	★	★	★	★
Check if the connections of the cab are loose.			★	★	★	★	★	★	★	★
Check the longitudinal and cross beams and connectors of the van.					★			★		

10. Maintenance period and content of the battery system

The car should be comprehensively checked at the authorized dealerships or service networks of Wuzheng Europe every three months. The specific inspection items are as follows:

Check the differential pressure of a single power battery; this can be done once every 6 months.

Check if the high-low voltage wire harness and connectors of the battery system are scratched, damaged or loose.

Check if the power battery box has sludge, cracks, deformation, peculiar smells, and expansion.

Check that the pressure balance valve or explosion valve of the power battery box is not damaged. Before inspection, to ensure personal safety, please wear insulated shoes, insulating gloves, safety goggles and other personal protective equipment.

Check the power battery every three months during long-term storage and keep the battery capacity at 50%. For more than half a year of storage, keep the battery full charged and then discharge the battery capacity to 50% - 60%.

9-3 Tire

Tire model

Tire size: 195R15C

Specifications: 106/104R8PRLT

Maximum load-bearing: 900kg

Tire brand/model: Giti/GitiVan600

Cold inflation pressure (front/rear): 4. 5/4. 5bar

The three tires and fellies are totally the same and can be interchanged. To ensure the safety and performance, only the tires of the following brands/models can be used. Incorrect tires may reduce the braking and maneuvering performance and increase the risk of tire failure, especially on expressways or at rapid turns or when carrying a heavy load.



To ensure safe driving, go to an authorized dealership or service network of Wuzheng Europe if your vehicle has damaged wheel rims or tires.

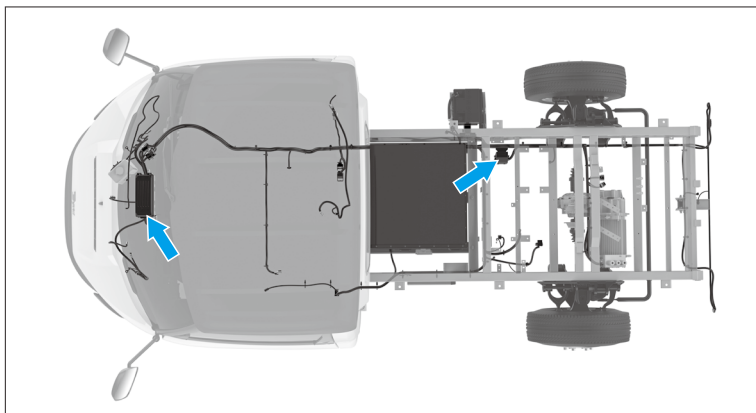
The abrasion indicator is marked on the side wall of the tire with a small triangle. Find the abrasion indicator inside the tire groove from this location. The tire should be replaced immediately if it is worn to the same height as the indicator.



Warning:

To avoid accidents, please inflate the tire as required.

9-4 Fuse

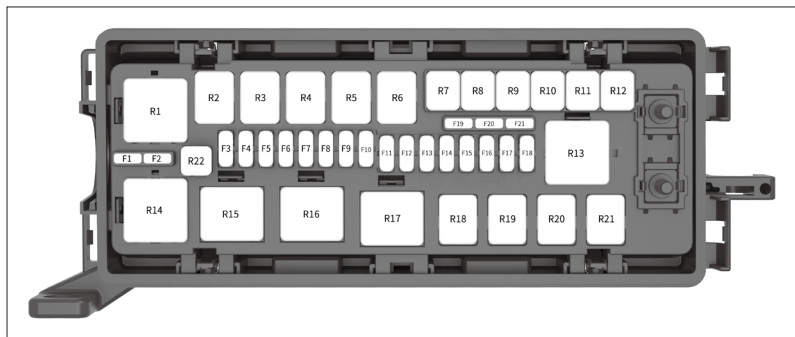


Fuse box of the front cabin

① Open the front hood and remove the inner plate

② Open the fuse box cover, push the locking pin on one side of the cover inward, and pull the cover up until it comes out.





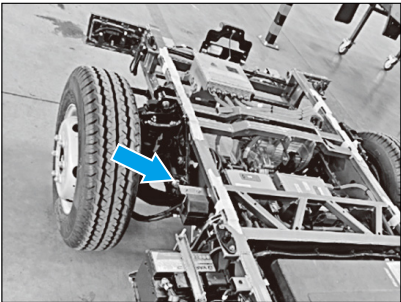
R2	-Reserve-	F2	-Reserve-
R3	-Reserve-	F3	Power Socket Fuse
R4	Wiper Low Speed Relay	F4	MP3 Fuse
R5	Wiper High Speed Relay	F5	Position lamp/horn Fuse
R6	Windshield Washer Relay	F6	Wiper Fuse
R7	Right Glass Lifter Fuse	F7	Windshield Washer Fuse
R8	Left Glass Lifter Fuse	F8	-Reserve-
R9	Ignition Switch Fuse	F9	BCM Fuse
R10	Vacuum Pump Fuse	F10	Wiper Reset Fuse
R11	Condenser Fuse	F11	Brake Switch Fuse
R12	Air Blower Fuse	F12	Gear Switch Fuse
R13	ON Main Power Relay	F13	VCU Fuse
R14	Vacuum Pump Relay	F14	EPS/Vacuum Pump Fuse
R15	-Reserve-	F15	ESC/HVAC/Pressure Switch Fuse
R16	Condenser Relay	F16	Instrument cluster Fuse
R17	Air Blower Relay	F17	Low beam Fuse
R18	Horn Relay	F18	High beam Fuse
R19	Position Lamp Relay	F19	-Reserve-
R20	Low Beam Relay	F20	-Reserve-
R21	High Beam Relay	F21	-Reserve-
R22	Fuse clamp		



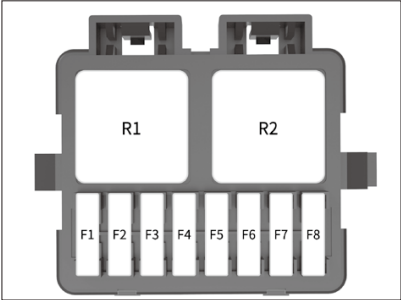
Warning

Tighten the ignition switch to the “Lock” position when changing the fuse. Fuses must be of the same manufacturer and type.

Fuse box on the chassis



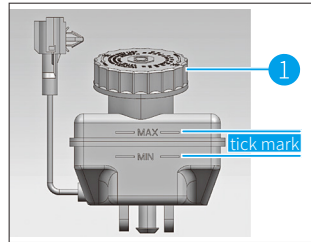
Enter the chassis fuse box from the bottom of the chassis.



R1	-Reserve-	F1	MP3/Instrument Cluster Fuse
R2	MCU Relay	F2	VCU Fuse
		F3	PDU/BMS/CDU Fuse
		F4	MCU Fuse
		F5	-Reserve-
		F6	ESC Fuse
		F7	-Reserve-
		F8	Gyroscope Fuse

9-5 Brake fluid

1. Stop the car on level ground.
2. Use the remote switch or the mechanical switch under the gauge board to open the engine cover.
3. Wait till the air spring pushes the engine room cover to the highest position.
4. Unscrew cover (1) to supplement the brake fluid to make the brake fluid level is in between the minimum and maximum containing marks.



The brake fluid is corrosive and toxic; in the event of accidental contact, please wash the affected area with water immediately.



1. When the car reaches the specified time (2 years) or mileage (40,000km) for maintenance and repair, please change the brake fluid as required; the brake fluid model is DT04.
2. If there are impurities or sediments in the brake fluid, please change it as required.



Warning

1. Please use qualified brake fluid.
2. Check the brake line frequently. To ensure the driving safety of the car, ventilating after adding brake fluid is a must.
3. Ensure there is adequate brake fluid in the oil cup.

9-6 Washing liquid

The washing liquid can maintain a good visual field of the front windshield. The procedures for adding the washing liquid are as follows:

1. Open the engine room cover to find the washing pot.

2. Rotate the washing pot mouth and pull it out at a certain angle. Open the washing pot cover and add an appropriate amount of washing liquid (till the liquid level is near the pot mouth).

3. Then, tighten the washing pot cover. Push the washing pot mouth back and return the engine room cover.



The washing liquid has various and complicated components. In the event of accidental contact, please wash the affected with water immediately.



1. Check the amount of the washing liquid regularly to ensure that there is sufficient windscreen wiper fluid.

2. In winter, change the model of the washing liquid, to prevent frost cracks forming in the washing pipe.

9-7 Wiper blade

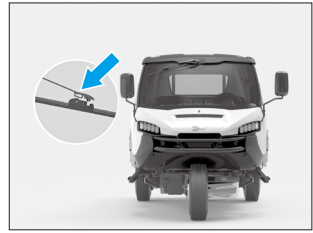
The windscreen wiper can remove rainwater and dirt from the windscreen (used together with the washing liquid). The procedures for changing the wiper arm are as follows:

1. Stop the car. Move the windscreen wiper to the replacement position and then



lift it up. Press the wiper blade and fix the bayonet lock; slip the wiper blade downward along the wiper arm to remove the wiper blade.

2. Insert a new wiper blade until there is a “click” . Ensure the wiper blade is firmly mounted.



DO NOT use the windscreen wipers for long periods if there is no washing liquid or if it is not raining. Wiping without liquid can damage the wiper blade and windshield glass.



If the wiper blade is seriously worn, it should be replaced. A damaged wiper blade cannot properly clean, and may damage the glass.

9-8 Battery

1.Keep the battery clean to prevent indirect short circuiting and electrode terminal from corrosion.

2.Frequently check whether the battery installation is reliable and whether the connection between the battery terminal and the terminal connector is tight. The protectant (e.g. grease) should be applied on the battery to prevent the terminal from oxidizing.

3.In winter or cold areas, the battery should be kept fully charged to prevent it from freezing due to decreased electrolyte density, resulting in damages on shell cracking, plate deformation and active substance removal.

4.If the vehicle is parked for long time, in order to avoid the battery loss, the negative post of the battery cable should be removed, and the battery should be removed for supplementary charging once a month.

Cleaning of the storage battery

If the external part of the storage battery is found to be dirty, it should be cleaned with warm water. In order to prevent corrosion, a thin layer of vaseline or lubricating grease shall be applied to the surface of the battery binding post.

1. Switch off the ignition switch and remove the key.
2. Loosen and remove the cable clip of the storage battery from the binding post using a spanner. The negative (-) binding post of the storage battery must be disconnected first.
3. Use a steel wire brush or binding post cleaning tool to clean the binding post.
4. Check if there is white or light blue powder on the battery binding post. If so, it means the binding post has been corroded.
5. Use an aqueous solution of sodium bicarbonate to eliminate the corrosion. The aqueous solution of sodium bicarbonate will bubble and turn brown.
6. When the solution stops bubbling, use water to clean the solution. Then use a cloth or paper towel to wipe the storage battery.
7. Reconnect and tighten the positive (+) binding post, and then connect the negative (-) binding post.

Prompt: The terminal, binding post and relevant accessories of the storage battery contain lead and other chemical substances. Please wash your hands after contact.

9-9 Transmission shaft

In order to ensure the normal working of the transmission shaft and prolong its life, pay attention to the following during use:

- (1) Do not step strongly on the accelerator when starting up. It will cause transmission shaft broken.
- (2) Do not overloading the vehicle or drive at excessive speeds.
- (3) Periodically visit the nearest the authorized dealerships or service networks of Wuzheng Europe for repair.

(4) When driving on bad roads, drive slowly to prevent objects from hitting the transmission shaft, otherwise deformation or damage could occur.

9-10 Brake pedal

1. Step on the brake pedal slightly to check its free stroke; normally, it should be from 12 - 18mm.
2. The brake pedal should not become stuck when depressed to its maximum point.

9-11 Vehicle rear wheel alignment parameters

Project	Parameter value
Camber angle	Camber angle $0' \pm 45'$, the difference between left and right shall not exceed $45'$
Toe-in	$0^\circ \pm 5'$

1. Maintenance requirements: The rear wheel alignment of the vehicle shall be carried out once a year/every 10000 km as required.
2. Other situations: When the vehicle has uneven tire wear, it is recommended to do a rear wheel alignment.

10 Specifications

10-1 Identification tag 112

10-2 Vehicle parameters 113

10-3 Vehicle load 116

10-1 Identification tag

The label plate contains the vehicle information. Please read the label plate carefully. If the label plate drops or becomes ambiguous, please contact a 3MX authorized service shop to replace it with a new one.



Vehicle nameplate:

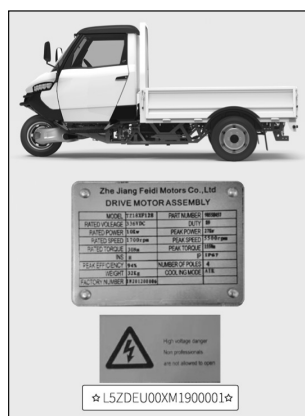
The nameplate is located under B column on the front passenger seat side. It contains information about the plant name, vehicle type, motor horsepower, vehicle speed, etc.

VIN code:

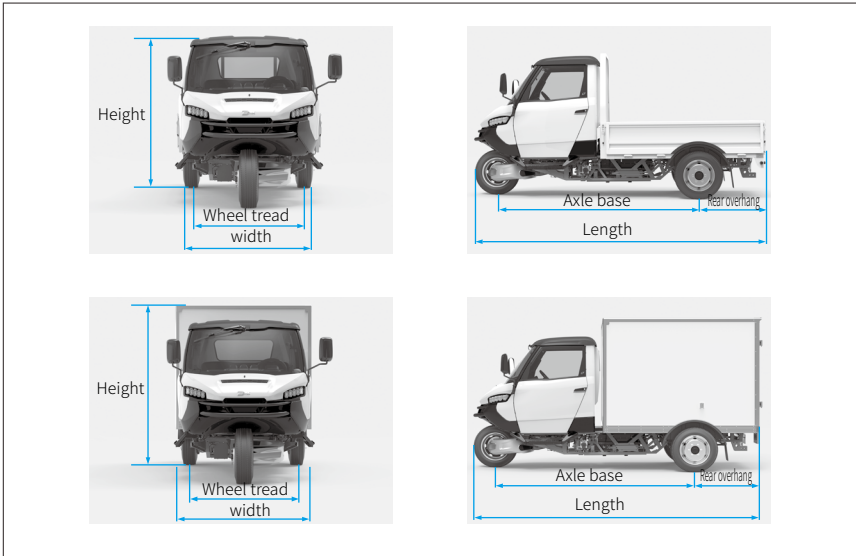
VIN code (Vehicle Identification Number) should be printed on the front side of upper beam which is on the right side of the frame.

Drive motor nameplate:

The label plate of the motor is located on the cylinder cover of the motor. It bears the motor model and factory number, rated voltage, rated power, rated speed, etc. Users should consult the label plate for the purpose of use and maintenance.



10-2 Vehicle parameters



Vehicle parameters

Configuration	Pickup	Closed box
Length × width × height (m)	3.98 × 1.82 × 1.97	4.00 × 1.80 × 2.29
Curb weight (kg)	980	980
Design load (kg)	1000	1000
Specific gravity of the axle capacity (non-loaded) (%)	>30	
Gradeability with full load (%)	18	18
Gradeability without load (%)	33	33
HV platform (V)	345V	
LV platform (V)	12V	
No load approach angle no load (°)	90	
Full load approach angle no load (°)	90	
No-load departure angle (°)	29	

Configuration	Pickup	Closed box
Full-load departure angle (°)	25	
No-load ramp breakover angle (°)	18	
Full-load ramp breakover angle (°)	15	
Cab type	Single-row 3MX (1600mm)	
Cab structure	2 doors 2 seats	
Cab color	Blue, bright red, platinum steel gray, polar white	
Rated passengers (person)	2	
Highest vehicle speed (km/h)	60	
Wheelbase (mm)	2750	
Minimum ground clearance (mm)	185	
Tire specification	Front 195R15C/rear 195R15C	Front 195R15C/rear 195R15C
Van volume (m ³)	1.33	4.6
No-load normal temperature constant speed driving range(km)	178(20.73)	
Full-load normal temperature constant speed driving range(km)	95	
No-load normal temperature NEDC driving range(km)	104	
Full-load normal temperature NEDC driving range(km)	63	

Power

Configuration	Pickup	Closed box
Battery type	Lithium iron phosphate LFP	Lithium iron phosphate LFP
Battery capacity (KW.h)	10.37/20.73	
Motor rated power (KW)	10	
Motor peak power (KW)	27	
Motor rated speed (Rpm)	1700	
Motor peak rotating speed (Rpm)	5500	
Motor rated torque (Nm)	30	
Motor peak torque (Nm)	155	
Cooling type of power system	Natural air cooling	

Rotation direction

Configuration	Pickup	Closed box
Rings of rotation during lock-up	4.5	
Turning circle (wheel to wheel) (m)	9	

Braking

Configuration	Pickup	Closed box
Braking type	Front and back brake drums	
Parking type	Foot brake	Foot brake
ABS+ROM+TCS	●	●

Suspension

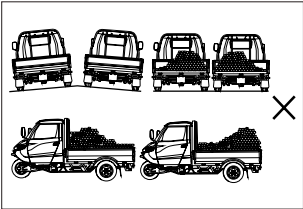
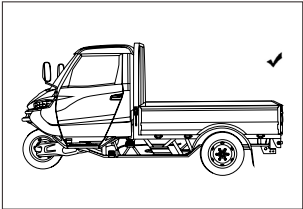
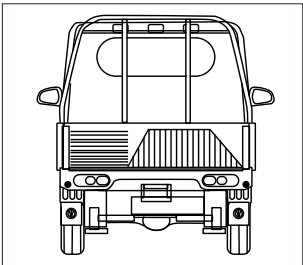
Configuration	Pickup	Closed box
Front suspension	Rocking arm type front suspension, coil-spring shock absorber	
Rear suspension	Individual suspension, coil-spring shock absorber	

10-3 Vehicle load

Goods should be distributed in the middle of the cargo box.

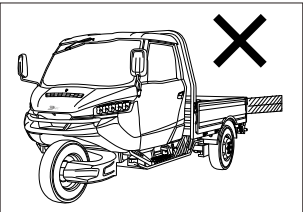


1. Cargo should be loaded with the weight increasing incrementally. The weight of the cargo load shall not exceed the permissible load mass of the vehicle (total and for each axis). Loads shall be uniformly distributed on the van.
2. The height of goods shall be proportional to their density or specific gravity.
3. The permissible load capacity is about 1000kg and shall be proportional to the goods height.
4. When goods are loaded, check their position to ensure the loads are distributed to each axis equally.



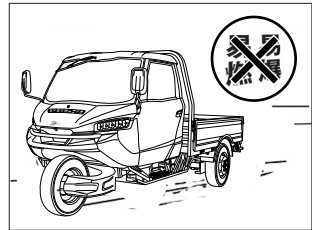
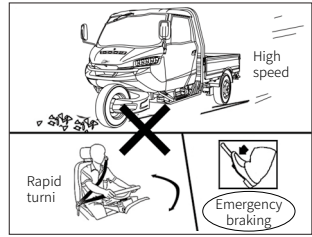
Carrying method

1. The length and width of cargo shall not exceed the van.

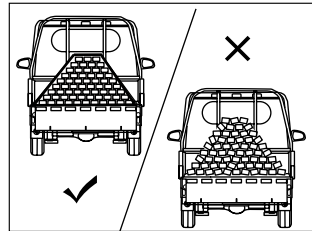


2. The total height of cargo and the vehicle shall firstly meet all legal requirements. When cargo is loaded with the help of shelves, the vehicle may roll over because its center of gravity will be higher. Therefore, during driving, please especially avoid running at a high speed, rapid braking and rapid turning.

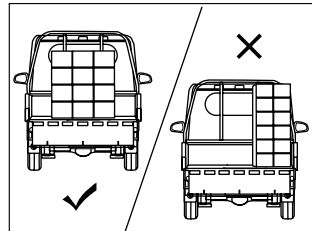
3. Do not carry flammable and combustible articles.



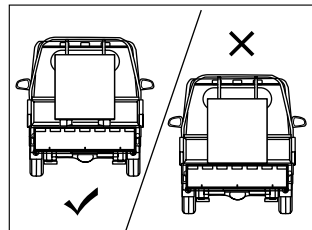
4. Cargo shall be loaded evenly with a low height. Offset load can not only damage the cargo and van, but also pose a driving risk. Higher and larger cargo shall be fixed to the center of the van.



5. Measures shall be taken to spread disperse cargo weight. Steel plates or sleepers shall be considered a part of the cargo. If no measures are taken, the bottom of the van may be damaged.



6. Cargo (cargo in bulk excluded) shall be tightened using cords. When carrying cargo in bulk, the side baffles shall be held using a cord from two sides, in case the van deforms.



11 Disclaimer

Disclaimer	120
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Disclaimer

In the event of the following behaviors, our company will bear no responsibility for the product reliability, safety or adaptability.

1. Damages resulting from incorrect use, maintenance, and inspection of the product according to this manual .

2. Damages caused by a traffic accident not related to the battery system fault .

3. The power battery system is soaked in water for more than 30 minutes.

4. The users should bear responsibility for the damage of the vehicle caused by modifying, installing, and dismantling the power battery system without Wuzheng Europe 's permission.

5. The damage of the vehicle caused by repairing the failure power battery system without Wuzheng Europe 's permission.

6. Both parties are exempted from liability for damages caused by force majeure, such as earthquakes, typhoons, flood, chemical contamination, lightning strikes, hails, silt, popping rocks, fire hazards, political disasters or deliberate damages by persons, and secondary compensation caused by these damages.

If the vehicle encounters serious quality problems (such as breakage and locking up of important components and parts like coil-spring shock absorber, rocking arm type front suspension, sub frame, car frame and steering engine, transmission shaft etc.) during use, the user shall contact with our company within three days after the problems occur. Our company will take proper measures according to relevant regulations. However, if the vehicle has an accident and the user suspects that it is caused by the vehicle' s quality problem, the user shall contact with our company within 12 hours, and maintain the scene for inspection. Otherwise, if the quality liability at the scene cannot be determined, all consequences shall be borne by the user.

Prompt for driving

1. Fatigue driving is the chief cause of accidents.
2. Do not drive with an overloaded vehicle or at high speeds. Driving the vehicle while it is overloaded or at high speeds will lengthen the braking distance and could easily lead to a traffic accident.
3. Before the vehicle is released, all parts will be subject to safety monitoring. Parts prohibited from retrofitting shall not be refit without permission; otherwise, it will not be covered by the guarantee repair service.
4. Please ensure correct run-in according to the carrying capacity and driving speed parameters for run-in of new vehicles listed in the specifications. Correct run-in will greatly prolong the life of the vehicle.
5. Check the tire pressure regularly. Insufficient or excessive tire pressure will shorten the life of the tires, and could even cause a traffic accident.
6. Coasting is strictly prohibited on a downslope.
7. Use the parking braking when you want to park. When parked on an incline, if the driver leaves the cab, a stopper shall be placed in front of the wheels, to help prevent sliding.
8. When the vehicle is operating, doors shall be locked tightly, in case of an accident.
9. During driving, please wear your seatbelt. The seat belt can only be used by one person. If the seat belt retractor is stuck or any component fails or is damaged, the entire seat belt shall be changed. Ensure that the seat belt does not become twisted or rub against hard edges, and protect it from contamination by chemicals. Adjust the seat belt length according to your body conditions; otherwise, danger could occur. It may also cause a collision to the body during emergency braking of the vehicle.
10. The vehicle is mainly used for carrying cargo. Minors under 18 shall not drive it.
11. When carrying goods, the length and width of the cargo shall not exceed the dimensions of the van.
12. Do not carry flammable or combustible articles.
13. Overloading the vehicle will not only shorten the life of the vehicle, but also cause serious harms to safe driving. The loads shall be spread on the front and rear axles according to the total mass of the vehicle (please refer to the Table of Technical Parameters).

Statement 1

Information

on the type-approval procedure chosen in accordance with Article 25(1) of Regulation (EU) No 168/2013

Information folder sheet

A duly completed version of this statement shall be included in the information folder.

The undersigned :

<WEIDONG JIANG >

Company name and address of the manufacturer :

Shandong Wuzheng Group Co., Ltd.

No. 23 Changqing Road, Wulian County, Rizhao City, Shandong Province, China

Name and address of the manufacturer's representative (if any) :

WUZHENG EUROPE smLTD

Dervenion 34,14451 Metamorfofi, Attica, Greece

Hereby applies for type-approval procedure:

(a) ~~step by step type approval~~

(b) ~~single-step type approval~~

(c) ~~mixed type approval~~

Where procedures (a) or (c) are chosen, compliance with requirements as under (b) is declared for all systems, components and separate technical units.

Multi-stage type-approval chosen in accordance with Article 25(5) of Regulation (EU) No 168/2013: ~~yes/no~~

Information on the vehicle(s) to be filled in, if application is for EU whole -vehicle type-approval:

0.1. Make (trade name of the manufacturer) : WUZHENG

0.2. Type : 3MX

0.2.1. Variants) : 00

0.2.2. Version(s) : 00, 01, 21

0.2.3. Commercial name(s) (if available) : 3MX-Li, e-li 10, e-li 20, e-li 10 by 3MX, e-li 20by3MX

0.3. Category, subcategory and sub-subcategory of vehicle : L5e-B

Information to be filled in, if application is for type-approval of a system/ component/ separate technical unit:

0.7. Make(s) (trade name(s) of manufacturer): N.A.

0.8. Type: N.A.

0.8.1. Commercial name(s) (if available): N.A.

1.6. Virtual and/or self-testing: N.A.

1.6.1. Overview list with virtual and/or self-tested systems, components or separate technical units pursuant to point 6 of Addendum III to Commission Delegated Regulation (EU) No 44/2014 below:

Overview table virtual and/or self-testing

Delegated act	Addendum	Subject	Virtual and/or self-tested: yes/no
Commission Delegated Regulation (EU) No 134/2014 (*)	IX	Testing procedures on maximum design vehicle speed	Self-testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	II	Audible warning devices	Self-testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	VIII	Driver-operated controls including identification of controls, tell-tales and indicators	Self-testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	IX	Installation of lighting and light-signaling devices	Virtual testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	X	Rearward visibility	Virtual testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	XIV	Installation of tires	Virtual testing: yes/no
Commission Delegated Regulation (EU) No 44/2014	XIV	Registration plate space	Self & Virtual testing: yes/no
Commission Delegated Regulation (EU) No 44/2014	XVI	Stands	Self-testing: yes/no
This Commission Implementing Regulation	VIII	Statutory plate and EU type-approval mark	Self-testing: yes/no -testing added: yes/no

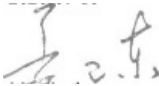
(*) Commission Delegated Regulation (EU) No 134/2014 of 16 December 2013 supplementing Regulation (EU) No 168/2013 of the European Parliament and of the Council with regard to environmental and propulsion unit performance requirements and amending Addendum V thereof (OJ L 53, 21.2.2014, p.1).

1.6.2. Detailed report on validation of virtual and/or self

Place: Rizhao, China

Date : 202&P7-16

Signature



Name and position in the company : Chairman of board

Statement 2

STATEMENT ON ENDURANCE TESTING

(Addendum V to Commission Delegated Regulation (EU) number 3/2014)

(A duly completed version of this statement shall be included in the information folder)

The undersigned :

<WEIDONG JIANG >

Company name and address of the manufacturer :

Shandong Wuzheng Group Co., Ltd.

No.23 Changqing Road, Wulian County, Rizhao City, Shandong Province, China

Name and address of the manufacturer's representative (if any) :

WUZHENG EUROPE smLTD

Derveniou 34,14451 Metamorfofi, Attica, Greece

Hereby states that the vehicles:

0.1. Make (trade name of the manufacturer) : WUZHENG

0.2. Type : 3MX

0.2.1. Variant(s) : 00

0.2.2. Version(s) : 00,01,21

0.2.3. Commercial name(s) (if available) : 3MX-Li, e-Li 10, e-Li 20, e-Li 10 by 3MX, e-Li20by3MX

0.3. Category, subcategory and sub-subcategory of vehicle : L5e-B

for which type-approval is sought shall withstand normal use as intended for at least 30,000 km travelled within five years of first registration, taking into account regular and scheduled maintenance and specific equipment adjustments, as described clearly and unambiguously in the instruction manual delivered with the vehicles.

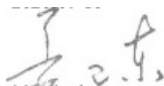
The undersigned furthermore confirms that the endurance of the systems, parts and equipment critical for functional safety is ensured through appropriate testing and the use of good engineering practice.

This declaration has no bearing on any vehicle warranty.

Place : Rizhao, China

Date : 2020-07-16

Signature :



Name and position in the company : Chairman of board

Statement 3**STATEMENT ON STRUCTURAL INTEGRITY**

(Addendum XIX to Commission Delegated Regulation (EU) number 3/2014)

(A duly completed version of this statement shall be included in the information folder)

The undersigned :

<WEIDONG JIANG >

Company name and address of the manufacturer :

Shandong Wuzheng Group Co., Ltd.

No.23 Changqing Road, Wulian County, Rizhao City, Shandong Province, China

Name and address of the manufacturer's representative (if any) :

WUZHENG EUROPE smLTD

Dervenion 34, 14451 Metamorfofi, Attica, Greece

Hereby states that the vehicles:

0.1. Make (trade name of the manufacturer) : WUZHENG

0.2. Type : 3MX

0.2.1. Variants) : 00

022. Version(s) : 00,01,21

0.2.3. Commercial name(s) (if available) : 3MX-Li, e-li 10, e-li 20, e-li 10 by 3MX, e-li20by3MX

0.3. Category, subcategory and sub-subcategory of vehicle : L5e-B

shall be constructed in a proper manner and are designed to be sufficiently robust to withstand the intended use over the vehicle's lifetime, taking into account regular and scheduled maintenance and specific equipment adjustments, as described clearly and unambiguously in the instruction manual delivered with the vehicles.

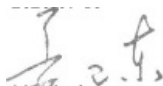
The undersigned furthermore agrees to and guarantees that specific analyses of vehicle structures, components and/or parts using engineering calculations, virtual testing methods and/or structural testing shall be made available in a timely manner to the approval authority and the European Commission upon request in case of a recall due to a serious safety risk.

This declaration applies to all vehicles covered by the type-approval to which this statement is annexed and has no bearing on any vehicle warranty.

Place : Rizhao, China

Date : 2020-07-16

Signature :



Name and position in the company : Chairman of board

Statement 4

MANUFACTURERS CERTIFICATE ON ACCESS TO VEHICLE OBD (STAGE I) AND VEHICLE REPAIR AND MAINTENANCE INFORMATION

(A duly completed version of this statement shall be included in the information folder)

Reference number: 168/2013-3MX-00

The undersigned :

<WEIDONG JIANG >

Company name and address of the manufacturer :

Shandong Wuzheng Group Co., Ltd.

No.23 Changqing Road, Wulian County, Rizhao City, Shandong Province, China

Name and address of the manufacturer' s representative (if any) :

WUZHENG EUROPE smlTD

Dervenion 34,14451 Metamorfofi, Attica, Greece

Hereby certifies that:

It provides access to vehicle OBD and vehicle repair and maintenance information in compliance with

– Chapter XV of regulation (EU) Nol68/2013

With respect to the types of vehicle engine and pollution-control device listed in Addendum1 to this certificate.

The following derogation is applied: cany-over systems (1).

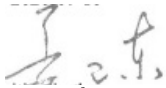
The principal website addresses, through which the relevant information may be accessed and which are hereby certified to be in compliance with the above provisions, are listed, in Addendum 2 to this certificate along with the contact details of the manufacturer^ representative listed in Addendum 3 to this certificate, whose signature is below.

Where applicable: The manufacturer hereby also certifies that it has complied with the obligation in Article 57(8) of Regulation (EU) No 168/2013 to provide the relevant information for previous approvals of these vehicle types no later than six months after the date of type-approval.

Place : Rizhao, China

Date : 2020-07-16

Signature :



Name and position in the company : Chairman of board

Addenda:

1: List of the types of vehicle, engine and pollution-control device

2: Web sites addresses

3: Contact details

Addendum 1

TO

**MANUFACTURER' S CERTIFICATE WITH REFERENCE NUMBER 168/2013-3MX-00 ON
ACCESS TO VEHICLE OBD (STAGE I) AND VEHICLE REPAIR AND MAINTENANCE
INFORMATION**

LIST OF THE TYPES OF VEHICLE:

0.2. Type : 3MX

0.2.1. Variants) : 00

0.2.2. Version(s) : 00,01,21

0.2.3. Commercial name(s) (if available) : 3MX-Li, e-li 10, e-li 20, e-li 10 by 3MX, e-li 20by3MX

0.3. Category, subcategory and sub-subcategory of vehicle : L5e-B

1. Type-approval number including extension number (if available) : N.A.

1.1. Type-approval issued on (date, if available) : N.A.

LIST OF THE TYPES OF ENGINES:

3. Combustion engine/electric motor/hybrid application (1) code : TZ18XF128

3.1. Type-approval number (if available) : N.A.

3.2. Type-approval issued on (date, if available) : N.A.

LIST OF THE TYPES OF POLLUTION-CONTROL DEVICES:

0.7. Make(s) (trade name(s) of manufacturer) : N.A.

0.8. Type : N.A.

0.8.1. Commercial name(s) (if available) : N.A.

0.8.2. Type-approval number including extension number (if available) : N.A.

0.8.3. Type-approval issued on (date, if available) : N.A.

Addendum 2

TO

**MANUFACTURER' S CER TIFICATE WITH REFERENCE NUMBER 168/2013-3MX-00 ON
ACCESS TO VEHICLE OBD (STAGE I) AND VEHICLE REPAIR AND MAINTENANCE
INFORMATION**

Web site addresses referred to in this certificate:

www.3mx.com

Addendum 3

TO

**MANUFACTURER' S CERTIFICATE WITH REFERENCE NUMBER 168/2013-3MX-00 ON
ACCESS TO VEHICLE OBD (STAGE I) AND VEHICLE REPAIR AND MAINTENANCE
INFORMATION**

Contact details of the manufacturer' s representative referred to in this certificate:

Name: WUZHENG EUROPE smLTD

Address: Dervenion 34,14451 Metamorfosi, Attica, Greece

Name and position in the company: Panagiotis Tharouniatis, legal representative

TEL: (30) 6982 390 670

E-mail: panos.thannmiatis@wuzheng.com.cn

Statement 5**MANUFACTURERS DECLARATION ON POWERTRAIN TAMPERING PREVENTION MEASURES (ANTI –TAMPERING)**

1. Vehicle manufacturer's declaration on powertrain tampering prevention measures (anti-tampering):

- not to market interchangeable components which could enable propulsion unit performance to exceed levels applicable to the relevant (sub) category;
- manufacturer-facilitated modifications shall not increase the propulsion unit performance of the vehicle;
- modifications and interchangeability of parts and components

MANUFACTURER'S DECLARATION NOT TO MARKET INTERCHANGEABLE COMPONENTS WHICH COULD ENABLE PROPULSION UNIT PERFORMANCE TO EXCEED LEVELS APPLICABLE TO THE RELEVANT (SUB) CATEGORY

(A duly-completed version of this statement shall be included in the information folder)

0.4. Company name and address of manufacturer:

Shandong Wuzheng Group Co., Ltd.

No.23 Changqing Road, Wulian County, Rizhao City, Shandong Province, China

0.4.2. Name and address of the manufacturer's representative (if any) :

WUZHENG EUROPE smLTD

Dervonion 34,14451 Metamorfofi, Attica, Greece

Hereby declares that:

For the L5e-B category vehicle:

0.1. Make (trade name of manufacturer) : WUZHENG

0.2. Type : 3MX

0.2.1. Variants) : 00

0.2.2. Version(s) : 00,01,21

0.2.3. Commercial name(s) (if available) : 3MX-Li, e-li 10, e-li 20, e-li 10 by 3MX, e-li20by3MX

0.3. Category, subcategory and sub-subcategory of vehicle : L5e-B

WILL NOT MARKET INTERCHANGEABLE COMPONENTS WHICH COULD ENABLE PROPULSION UNIT PERFORMANCE TO EXCEED LEVELS APPLICABLE TO THE RELEVANT (SUB) CATEGORY

and that

The manufacturer-facilitated modifications of the following characteristics:

- (a) spark delivery of the ignition system if applicable
 - (b) fuel feed and delivery system
 - (c) air intake system including air filters) (modification or removal)
 - (d) propulsion battery configuration or electric power to the electric motor(s) if applicable
 - (e) drive–train
 - (f) and the control unit(s) that controls) the propulsion unit performance of the powertrain
- shall comply with the requirements set out in point 2.6. of Addendum II to Commission Delegated

Regulation (EU) No 44/2014

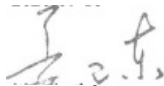
**ADDITIONAL STATEMENT REGARDING POINT 2.83. OF ADDENDUM II TO
COMMISSION DELEGATED REGULATION (EU) No 44/2014**

Any reprogrammable computer codes or operating parameter afford a level of protection at least as high as the provisions in ISO 15031–7:2001, provided that the security exchange is conducted using the communication protocols and standardized diagnostic connector prescribed in Appendix 1 to Addendum XU.

Place : Rizhao, China

Date : 2020–07–16

Signature :



Name and position in the company : Chairman of board

Statement 6**STATEMENT ON NONE ‘ ‘DEFEAT DEVICE ‘ ‘**

The undersigned : <WEIDONG JIANG >

Company name and address of the manufacturer :

Shandong Wuzheng Group Co., Ltd.

No.23 Changqing Road, Wulian County, Rizhao City, Shandong Province, China

Name and address of the manufacturer ' s representative (if any) :

WUZHENG EUROPE smLTD

Dervenion 34,14451 Metamorfofi, Attica, Greece

Hereby states that the vehicles:

0.1. Make (trade name of the manufacturer) : WUZHENG

0.2. Type : 3MX

0.2.1. Variant(s) : 00

0.2.2. Version(s) : 00,01,21

0.2.3. Commercial name(s) (if available) : 3MX-Li, e-li 10, e-li 20, e-li 10 by 3MX, e-li 20by 3MX

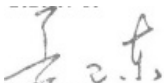
0.3. Category, subcategory and sub-subcategory of vehicle : L5e-B

are not using any software or device that can be considered as “defeat device” which may impact the emission performance of the vehicles.

Place : Rizhao, China

Date : 2020-07-16

Signature :



Name and position in the company : Chairman of board

No.	Fault level	Fault code	Fault name	Solution
1	I	21	Low brake fluid level alarm	Please fill the brake fluid to the mark.
2	I	32	Vehicle over-speed alarm	Slow down the vehicle to speeds < 37mi/h (60km/h).
3	I	61		Please stop and restart the vehicle to maintain speeds < 37mi/h (60km/h).
4	I	60		
5	I	199	Vehicle at low state of charge	Please charge the vehicle in time.
6	I	200		
7	II	173	Low total voltage of power battery	Please charge the vehicle in time. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
8	III	174		
9	III	175		
10	II	184	Low cell voltage of power battery	Please charge the vehicle in time. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
11	III	185		
12	III	186		
13	II	192	Power battery at low temperature	The ambient temperature is too low. The fault will be automatically eliminated when the temperature of power battery is above 2°C . If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
14	III	193		The ambient temperature is too low. The fault will be automatically eliminated when the temperature of power battery is above -20 °C . You can re-start the vehicle, and if the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
15	III	194		Please charge the vehicle in time. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
16	III	195	Pressure difference of power cell too large	Please charge the vehicle in time. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
17	III	196		

No.	Fault level	Fault code	Fault name	Solution
18	II	201	Insulation failure of high-voltage components	Please place the vehicle in a dry place for a long time, and immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
19	III	202		
20	III	203		
21	II	9	Loss of communication with ABS controller detected by vehicle controller	Please check whether the ESC low-voltage connector is securely connected, and try to restart the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
22	II	10	Loss of communication with air conditioning compressor controller detected by vehicle controller	Try restarting the vehicle, and if the fault persists, drive to the authorized dealerships or service networks of Wuzheng Europe for maintenance.
23	II	11	Loss of communication with air conditioning control panel detected by vehicle controller	
24	II	12	Loss of communication with instrument detected by vehicle controller	
25	II	6	Loss of communication with on-board charger detected by vehicle controller	In the event of any fault during charging, try restarting the vehicle and then turning it off again. Charge the vehicle again, and if the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.

No.	Fault level	Fault code	Fault name	Solution
26	II	33	Vehicle charging failure	Try restarting the vehicle and then turning it off again. Charge the vehicle again, and if the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
27	II	103	Low input voltage of on-board charger	
28	II	105	Low output voltage of on-board charger	
29	II	108	Excessive input current of vehicle charger	
30	II	113	Problem with charging gun connection detected by on-board charger	
31	II	114	Problem with charging device detected by on-board charger	
32	III	1	Low battery voltage	When the battery is under voltage $< 9V$, please re-charge or replace the battery. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
33	III	51		
34	III	212		
35	III	3	Fault with CAN bus communication	Try restarting the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
36	III	76		
37	III	5	Loss of communication with motor controller detected by vehicle controller	Please check whether the low-voltage connector of motor controller is securely connected, and try to restart the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
38	III	7	Loss of communication with battery management system detected by vehicle controller	Please check whether the low-voltage connector of power battery is securely connected, and try to restart the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.

No.	Fault level	Fault code	Fault name	Solution
39	III	8	Loss of communication with DC-DC converter detected by vehicle controller	Please re-charge or restart the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
40	III	13	Invalid gear lever signal	Try to rotate the shift controller many times to see if the gear can be engaged successfully, or check whether the connecting harness of the shift knob falls off. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
41	III	19	Fault to brake pedal signal	Check the low-voltage connector of brake pedal to eliminate any connection fault. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
42	III	53	Communication with vehicle controller lost detected by motor controller	Check the low-voltage connector of vehicle controller to eliminate any connection faults. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
43	III	55	Overcurrent of high-voltage supply of motor controller	Try restarting the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
44	III	56		
45	III	57	Abnormal signal from resolver of drive motor	Check whether the low-voltage connector from the motor controller to the motor end is securely connected. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
46	III	71		

No.	Fault level	Fault code	Fault name	Solution
47	III	59	Low voltage of high-voltage supply of motor controller	Try restarting the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
48	III	62	Drive motor at high temperature Stop the vehicle and wait for the motor to cool down. Check whether the low-voltage connector from the motor controller to the motor end is securely connected. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.	Stop the vehicle and wait for the motor to cool down. Check whether the low-voltage connector from the motor controller to the motor end is securely connected. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
49	III	63		
50	III	64	Motor controller at high temperature	With the vehicle started, check whether the cooling fan of motor controller is working properly and clear mud around the motor controller. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
51	III	65		
52	III	73	Malfunctioning of cooling fan of motor controller	
53	III	67	Drive motor stalling alarm	Try restarting the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
54	III	69	Fault in temperature sensor of drive motor	
55	III	70		
56	III	74	Communication with ESC lost detected by motor controller	Check whether the ESC low-voltage connector is securely connected. Try restarting the vehicle, and if the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.

No.	Fault level	Fault code	Fault name	Solution
57	III	75	Communication with battery management system lost detected by motor controller	Check whether the low-voltage connector of the power battery is securely connected. Restart the vehicle, and if the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
58	III	133	Low input voltage of DC-DC converter	Try restarting the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
59	III	135	Low output voltage of DC-DC converter	
60	III	137	Excessive output current of DC-DC converter	
61	III	140	Low power-on voltage of DC-DC converter control panel	
62	III	180	Excessive braking energy recovery current	Try restarting the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
63	III	204	Fault in self-inspection of battery management system	Accessory failure caused by other faults, which will be automatically recovered after the major fault to the battery management system is eliminated.
64	III	208	Fault to cell voltage acquisition module of battery management system	Try restarting the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
65	III	210	Connector of high-voltage circuit loose or not inserted	Check whether the high-voltage harness connector is securely connected. Restart the vehicle, and if the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.

No.	Fault level	Fault code	Fault name	Solution
66	III	214	Accumulated total voltage of power battery inconsistent with the actual detection	Try restarting the vehicle. If the fault persists, please immediately contact the authorized dealerships or service networks of Wuzheng Europe for inspection and maintenance.
67	III	215	Communication with vehicle controller lost detected by the battery management system	
68	III	218	Adhesion fault in power battery contactor	
1. You can drive the vehicle (at low speed) to the authorized dealerships or service networks of Wuzheng Europe for troubleshooting, and mind the state of charge and remaining driving range; 2. If multiple faults occur at the same time, please deal with the most serious one first; 3. The above solutions are for reference purposes only. Please consult the staff of the authorized dealerships or service networks of Wuzheng Europe for details.				

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