



AION V-NZL

Second-generation **AION V**

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# Warranty and Maintenance Manual

# Foreword



Dear users,

Thank you for choosing a second-generation AION V - We value your trust in us.

We hope to bring you more driving fun with the best product and services.

In order to keep your vehicle in good condition for a long time, please be sure to go to the GAC AION sales store for regular maintenance in accordance with “Regular Maintenance Schedule” in this manual, where quality services will be provided for you at a reasonable price, and the technical personnel who have received professional training from GAC Aion New Energy Automobile Co., Ltd. will perform the maintenance according to the specific operation specification.

This manual is a certificate for the warranty and maintenance of your vehicle. Please enter the user information carefully in this manual and keep the manual properly. You are requested to present this manual when you accept the vehicle maintenance or apply for the vehicle warranty in the GAC AION sales store.

Wish you a happy journey!

GAC Aion New Energy Automobile Co., Ltd.

September 2024



This manual provides vouchers for the warranty and maintenance of your vehicle. To ensure that you are entitled to the warranty and maintenance services provided by GAC AION, please assist the staff of the GAC AION sales store to fill in the User Profile columns of the Warranty Registration Form in this manual when picking up the vehicle. Failure to do so will invalidate the warranty.

Warranty Registration Form	
<b>User Profile</b>	
Owner name/unit name:	
Profession: <input type="checkbox"/> manufacturing, <input type="checkbox"/> services, <input type="checkbox"/> state institutions, <input type="checkbox"/> education, <input type="checkbox"/> media and communications, <input type="checkbox"/> others	
ID number/enterprise code:	
Contact number:	
Address:	
<b>Vehicle Information</b>	
Vehicle model:	VIN:
Drive motor No.:	Traction battery No.:
Body color:	Interior trim color:
Key number:	
License plate number:	
<b>Owner's signature</b>	<b>Signature of sales store</b>
Signature:	Signature/seal of sales store:
Date:	Date:
Registration copy: The sales store will send the completed copy back.	

Free First Maintenance Certificate		
<b>User Profile</b>		
Owner name/unit name:		
Profession: <input type="checkbox"/> manufacturing, <input type="checkbox"/> services, <input type="checkbox"/> state institutions, <input type="checkbox"/> education, <input type="checkbox"/> media and communications, <input type="checkbox"/> others		
ID number/enterprise code:		
Contact number:		
Address:		
<b>Vehicle Information</b>		
Vehicle model:	VIN:	
Drive motor No.:	Traction battery No.:	
Body color:	Interior trim color:	
Key number:	Date of first maintenance:	
License plate number:	Mileage of first maintenance:	
<b>Owner's signature</b>	<b>Signature of sales store</b>	
Signature:	Signature/seal of sales store conducting first maintenance:	Signature/seal of sales store:
Date:	Date:	Date:
First maintenance copy: The sales store will send the completed copy back after the first maintenance.		

Warranty Certificate		
<b>User Profile</b>		
Owner name/unit name:		
Profession: <input type="checkbox"/> manufacturing, <input type="checkbox"/> services, <input type="checkbox"/> state institutions, <input type="checkbox"/> education, <input type="checkbox"/> media and communications, <input type="checkbox"/> others		
ID number/enterprise code:		
Contact number:		
Address:		
<b>Vehicle Information</b>		
Vehicle model:	VIN:	
Drive motor No.:	Traction battery No.:	
Body color:	Interior trim color:	
Key number:	Date of first maintenance:	
License plate number:	Mileage of first maintenance:	
<b>Owner's signature</b>	<b>Signature of sales store</b>	
Signature:	Signature/seal of sales store conducting first maintenance:	Signature/seal of sales store:
Date:	Date:	Date:
Warranty copy: Reserved by the owner.		

### Registration copy: Warranty Registration Form

Please fill in the "User Profile" columns when picking up your vehicle. The sales store will tear it off and send it back.

### First maintenance copy: Free First Maintenance Certificate

The Free First Maintenance Certificate is the voucher for free first maintenance of your vehicle. Please be sure to check whether the Free First Maintenance Certificate is provided when picking up the vehicle; if not, the free first maintenance service and warranty services will be invalidated. In that case, please refuse to accept the vehicle.

### Warranty copy: Warranty Certificate

The Warranty Certificate is the warranty certificate of your vehicle. Please be sure to check whether the Warranty Certificate is provided; if not, the warranty services will be invalidated. In that case, please refuse to accept the vehicle.

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Every time your vehicle goes back to the store for maintenance, GAC AION sales store needs to read the status of the vehicle software version. If the software version is low, the vehicle needs to be upgraded.



## Warranty Registration Form

### User profile

Owner name/unit name:

Profession:  manufacturing,  services,  state institutions,  education,  
 media and communications,  others

ID number/enterprise code:

Contact number:

Address:

### Vehicle information

Vehicle model:

VIN:

Drive motor No.:

Traction battery No.:

Body color:

Interior trim color:

Key number:

License plate number:

#### Owner's signature

#### Signature of sales store

Signature:

Signature/seal of sales store:

Date:

Date:

Registration copy: The sales store will send the completed copy back

## Free First Maintenance Certificate

### User profile

Owner name/unit name:

Profession:  manufacturing,  services,  state institutions,  education,  
 media and communications,  others

ID number/enterprise code:

Contact number:

Address:

### Vehicle information

Vehicle model:

VIN:

Drive motor No.:

Traction battery No.:

Body color:

Interior trim color:

Key number:

Date of first maintenance:

License plate number:

Mileage of first maintenance:

#### Owner's signature

#### Signature of sales store

Signature:

Signature/seal of sales store conducting first maintenance:

Signature/seal of sales store:

Date:

Date:

Date:

First maintenance copy: The sales store will send the completed copy back after the first maintenance

## Warranty Certificate

### User profile

Owner name/unit name:

Profession:  manufacturing,  services,  state institutions,  education,  
 media and communications,  others

ID number/enterprise code:

Contact number:

Address:

### Vehicle information

Vehicle model:

VIN:

Drive motor No.:

Traction battery No.:

Body color:

Interior trim color:

Key number:

Date of first maintenance:

License plate number:

Mileage of first maintenance:

#### Owner's signature

#### Signature of sales store

Signature:

Signature/seal of sales  
store conducting first  
maintenance:

Signature/seal of sales  
store:

Date:

Date:

Date:

Warranty copy: reserved by the owner

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## 1.1 PDI

The vehicle indicated in the Warranty Certificate attached in this manual has been subjected to PDI in accordance with the provisions specified by GAC Aion New Energy Automobile Co., Ltd. Please ask for the PDI checklist from the sales store for specific inspection items.

Inspector: \_\_\_\_\_

Date of inspection: \_\_\_\_\_

Seal of sales store:

## 1.2 Vehicle handover

Before delivery, the GAC AION sales store will inspect and clean the vehicle completely and submit the PDI checklist to you for your confirmation and signature.

If you are unsatisfied with the condition of the delivered vehicle, please inform the GAC AION sales store and ask for re-adjustment.

Please be sure to check whether the Free First Maintenance Certificate and Warranty Certificate are provided when you accept the vehicle; if not, the free first maintenance service and warranty services will be invalidated.

**Followings are to be handed over with vehicle (e.g.: Yes No)**

- |   |   |
|---|---|
| <input type="checkbox"/> Owner's Manual                     | <input type="checkbox"/> Completed PDI checklist                      |
| <input type="checkbox"/> Quick Start Guide                  | <input type="checkbox"/> Keys   |
| <input type="checkbox"/> Emergency Rescue Manual            | <input type="checkbox"/> Spare tire                                   |
| <input type="checkbox"/> Warranty Manual                    | <input type="checkbox"/> Warning triangle                             |
| <input type="checkbox"/> Warranty Certificate               | <input type="checkbox"/> Driver's tools (refer to the Owner's Manual) |
| <input type="checkbox"/> Free First Maintenance Certificate |   |

It is hereby confirmed that I have checked the items listed above and accepted the purchased vehicle.

Signature of vehicle owner/ authorized person:

Please pay attention to checking, if any, the other operation instructions provided for your vehicle.



### 2.1 Warranty instructions

#### Warranty implementation

By GAC AION sales store.

The following is the GAC AION sales store recommended by GAC AION to provide services for you.

Name of sales store:	_____
Address:	_____ _____
Postcode:	_____
Tel:	_____
Fax:	_____

#### Warranty object

EVs manufactured by GAC Aion New Energy Automobile Co., Ltd., and sold and serviced by the authorized sales store.

#### CAUTION

- ◆ Failure to fill in the warranty copy and registration copy will invalidate the warranty.

If the vehicle owner changes within the warranty period, the warranty is still valid.

#### Warranty period

The warranty period refers to the period or mileage calculated from the date the sales store issues the purchase invoice. If the date of issuing purchase invoice is inconsistent with the date of delivery, it shall be calculated from the date of delivery.

Vehicle Type	Content	Basic Warranty Period (as of the first to reach the standard)
Non-commercial	Complete vehicle	8 years / 160,000 km
	Battery	8 years / 200,000 km
	Integrated electric drive	8 years / 200,000 km



### Warranty period of vulnerable and consumable parts

Warranty period (whichever comes first)	Vulnerable and consumable parts
6 months or 10,000 km	A/C filter element, bulb (including LED), wiper blade, fuse and ordinary relay (without integrated control unit), smart key battery
6 months or 10,000 km	Brake lining
12 months or 20,000 km	Battery

GAC AION provides free repair for damage caused by material quality or manufacturing process defects.

During the warranty period, if any defects appear in your vehicle, according to the warranty terms, GAC AION sales store will provide repair or replace parts.

### Limits for traction battery capacity degradation

Period (whichever comes first):	Capacity degradation limit
8 years/200,000 km	≤30%

Under normal use, the degradation of the traction battery capacity (Ah) from the rated capacity (Ah) shall not exceed the limits stated in this table, starting from the date of delivery.

### Warranty coverage

The warranty liability of GAC AION is to repair products, including:

- a) Repair or replacement of parts being considered defective by GAC AION.
- b) Repair of paint on vehicle body being considered defective by GAC AION.
- c) Man-hour cost for the above repair.

### Warranty terms

1. When verifying the warranty items, the GAC AION sales store will consider the following conditions that are outside the warranty coverage of the GAC AION:
  - a) Use of a vehicle in a country or region other than that where the vehicle is sold.
  - b) Use of a non-commercial vehicle for rental or other operating purposes.



- c) Vehicle damage caused by the maintenance, repair and adjustment performed in places other than the GAC AION sales store.
  - d) Vehicle defects caused by use of parts, lubricating grease and liquids other than genuine ones provided by GAC AION.
  - e) Vehicle damage caused by driving methods other than those specified in the Owner's Manual or the operation outside the limit operating range (such as maximum load and seating capacity) of the vehicle.
  - f) Vehicle damage caused by application of corrosive or low-quality cleaning agent.
  - g) Modification, addition, adjustment and removal of the vehicle prohibited in the Owner's Manual without the approval of GAC AION.
  - h) Vehicle damage caused by abnormal use, improper handling, negligence or the operation performed by the unqualified or unskilled driver and the application for races (such as vehicle race or motor rally).
  - i) Sensation problems that do not affect the vehicle performance.
    - The warranty of GAC AION does not cover the defective sensation problems that do not affect the quality, function or performance of products.
  - j) Any damage caused by improper storage or transportation.
  - k) Vehicle defects caused by the natural disaster, fire, traffic accident, theft and the secondary damage incurred.
  - l) Vehicle damage caused by the environmental conditions beyond GAC AION's control (such as air pollution, chemical compound, guano, sea salt or other corrosive substances).
  - m) Damage caused over time (natural fading of the painted surface, peeling off of the metal film on the plated surface and other deterioration).
  - n) Vehicle corrosion or fault caused by total or partial immersion in water.
  - o) Surface wear due to external abrasions such as uncontrollable flying stones.
2. The warranty does not cover the following incidental charges:  
For example:
- Expenses for communication, mediation, meal and accommodation because of a fault.
  - Any relevant personal injury or property damage.
3. GAC AION reserves the right to determine the repair methods and warranty coverage.
4. All parts under the warranty coverage are the property of GAC AION.
5. Use the lubricating grease and liquids specified by GAC AION.

### 2.2 Responsibilities of vehicle owner

Subject your vehicle to first maintenance at a GAC AION sales store within 5,000 km or 3 months (whichever comes first).



Make sure that your vehicle is maintained and inspected at the GAC AION sales store according to the provisions on regular maintenance in this manual.

Get any fault of your vehicle inspected and repaired at the GAC AION sales store in time, which may be covered under the warranty.

### ● CAUTION

- ◆ Vehicles that have not received the first maintenance (5,000-kilometer or 3 months maintenance, whichever expires first) will lose the right to the first maintenance for free.
- ◆ Please bring this manual with you when you go to the GAC AION sales store.

### 2.3 Obligations of GAC AION sales store

Fill in the Warranty Certificate contained in this manual and explain the warranty procedures of GAC AION when delivering a new vehicle to the user.

Explain the importance of regular maintenance fully to the user.

Ensure that any maintenance and repair can be completed according to the standard specified by GAC AION, whether they are covered under the warranty or not.

For the damage or defects under the warranty coverage, provide necessary vehicle repair or treatment to the user.



### 3.1 Agreement on first maintenance

The first maintenance must be completed within 5,000 kilometers or 3 months (whichever comes first).

The first maintenance is provided by GAC AION free of charge. Please bring this manual to the GAC AION sales store for first maintenance. The first maintenance includes:

1. Inspection:
  - a) Cooling system:
    - Check the status of the cooling system pipeline and connections.
    - Check the cooling system for leakage, and add the coolant when necessary.
  - b) Integrated electric drive assembly:
    - Check whether the mounting bracket and fastening bolts of the integrated electric drive assembly are loose, and tighten any loose part.
    - Check whether the components, fasteners, harnesses and pipelines of the integrated electric drive assembly are reliable and effective, without interference.
    - Check the bottom of the integrated electric drive assembly for oil or water leakage, etc.
    - Check whether the high-voltage harness is connected firmly and read the DTC.
  - c) Traction battery:
    - Check whether the high-voltage harness is connected to the battery case firmly, check the working condition of the cell with a special tool, and read the DTC.
    - Check the traction battery case for extrusion, deformation, bump, etc., and check the fastening bolt torque of the traction battery.
    - Check the rear explosion-proof valve of the traction battery system for falling-off.
  - d) Integrated power supply system:
    - Check whether the high-voltage and low-voltage connectors are intact, whether the positive and negative harnesses of the low-voltage 12 V battery are connected reliably and whether the mounting bolt is installed firmly, and read the DTC.
  - e) High-voltage harness:
    - Check whether the connection between the high-voltage harness and the connector is loose.
    - Check whether the high-voltage harness threading hole and sheath are intact, and check the harness for wear.
    - Check whether the high-voltage harness and the high-voltage harness guard plate under the chassis are damaged, and whether the connection with the motor is firm and intact.



- f) Connector:
    - Visually check the high-voltage and low-voltage connectors, and check whether the connectors are installed reliably and properly.
    - Check whether the connectors are installed in place, without surface damage.
  - g) Brake system:
    - Check the brake fluid level and add the brake fluid if necessary.
    - Check the brake lines for leakage and the protective layer for damage.
    - Check the parking brake and brake pedal (check the function and free travel of the pedal and parking brake).
    - Check the brake disc and brake lining (check their thickness and wear pattern, and replace them when necessary).
  - h) Steering system:
    - Check the clearance of steering tie rod, and check whether the steering tie rod is connected firmly.
    - Check the connecting bolts of steering column and steering gear and tighten the bolts to specified torque.
  - i) Differential & reducer: check the oil seal for leakage and the case for bumps.
  - j) Battery: check the battery condition with the special tool, check whether the connections to the positive and negative battery terminals are firm and check the battery voltage.
  - k) Underbody: check the brake fluid pipe and underbody protective layer for damage.
  - l) Wiper and washer:
    - Check the wiping cleanliness and replace the wiper blade if necessary.
    - Add the washer fluid, check the function of wiper/washer, and adjust the nozzle when necessary.
  - m) Check the wheel fixing bolts and tighten them to the specified torque.
  - n) Check the wear pattern of the tire/hub/spare tire, carry out tire rotation and correct the tire pressure when necessary.
2. Cleaning:
- a) A/C filter element.
  - b) Drain hole of the front windshield drip channel.
3. Self-diagnosis: check the fault message with the professional diagnostic scan tool.
4. Traction battery data collection:
- a) Read the maximum/minimum voltage of the traction battery cell with the professional diagnostic scan tool.
  - b) Read the maximum/minimum temperature of the traction battery cell with the professional diagnostic scan tool.



## 3.2 Regular maintenance

If necessary, follow the steps of addition, cleaning, washing, adjustment, lubrication, repair or replacement after inspection.

Maintenance item	Maintenance cycle	Remarks
Check the status of the cooling system pipeline and connections.	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the cooling system for leakage, and add the coolant when necessary.	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the integrated electric drive assembly mounting bracket, check the bracket mounting bolt, and tighten it in case of looseness.	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
High-voltage harnesses: 1. Check whether the connection between the high-voltage harness and the connector is loose; 2. Check whether the high-voltage harness threading hole and sheath are intact, and check the harness for wear.	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Visually check the high-voltage and low-voltage connectors, and check whether the connectors are installed reliably and properly, without surface damage.	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Bolt inspection: check the fastening bolts of the integrated electric drive assembly for looseness.	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item



Maintenance item	Maintenance cycle	Remarks
<p>Check whether the components, fasteners, harnesses and pipelines of the integrated electric drive assembly are reliable and effective, without interference; check the bottom of the integrated electric drive assembly for oil or water leakage, etc.</p>	<p>First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months</p>	<p>First maintenance item</p>
<p>★ Change the coolant.</p>	<p>Every 30,000 km or 36 months</p>	
<p>Check the reliability of the integrated electric drive assembly (check whether the high-voltage harness is connected firmly, check the fixing bracket for looseness, and read the DTC).</p>	<p>First at 5,000 km or 3 months, and thereafter every 10,000 km or 12 months</p>	<p>First maintenance item</p>
<p>Check the reliability of the traction battery (check whether the high-voltage harness is connected to the battery case firmly, check the working condition of the cell with a special tool, read the DTC, check the traction battery case for extrusion, deformation, bump, etc., check the fastening bolt torque of the traction battery, and check the rear explosion-proof valve of the traction battery system for falling-off).</p>	<p>First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months</p>	<p>First maintenance item</p>
<p>Check the reliability of the integrated power supply system (check whether the high-voltage and low-voltage connectors are intact, whether the positive and negative harnesses of the low-voltage 12 V battery are connected reliably and whether the mounting bolt is installed firmly), and read the DTC).</p>	<p>First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months</p>	<p>First maintenance item</p>



Maintenance item	Maintenance cycle	Remarks
Check the high-voltage harness of the special part (check whether the high-voltage harness and the high-voltage harness guard plate under the chassis are damaged, and whether the connection with the motor is firm and intact)	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
★ Change the brake fluid.	Every 30,000 km or 24 months	
★ Change the differential & reducer gear oil.	Every 45,000 km or 36 months	
Check the parking brake and brake pedal (check the function and free travel of the pedal and parking brake).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the brake disc and brake lining (check their thickness and wear pattern, and replace them when necessary).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the wheel fixing bolt (check and tighten the bolt to the specified torque).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the wear pattern of the tire/hub/spare tire, carry out tire rotation and correct the tire pressure when necessary.	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the chassis bolts (check and tighten the bolts to the specified torque).	Every 15,000 km or 12 months	
Check the brake system (check the brake fluid lines for leakage; check the brake fluid level and add the brake fluid when necessary).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the steering tie rod (check the clearance and check whether the connection is firm), and check the connecting bolts of steering column and steering gear (tighten the bolts to specified torque).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item



Maintenance item	Maintenance cycle	Remarks
Check the reliability of the differential & reducer (check the oil seal for leakage and the case for bumps).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the reliability of the brake lines (check the brake lines for leakage and the protective layer for damage).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the underbody (check the brake fluid pipe and underbody protective layer for damage).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the suspension ball joint and dust cover (check for loose ball joint or leaky dust cover).	Every 15,000 km or 12 months	
Check the suspension assembly (check that the bush is free from aging and breakage, the connecting bolt and nut are tightened to specified torque and the linkage is free from deformation and cracks).	Every 15,000 km or 12 months	
Check the wiper/washer (check the wiping cleanliness and replace the wiper blade if necessary, add the washer fluid, check the function of wiper/washer, and adjust the nozzle if necessary).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the tightness of the seal ring of the front wiper shaft and apply lubricating oil (after the seal ring is removed, apply the lithium-based grease resistant to low temperature of -40°C to the position mated with the wiper shaft).	Every 15,000 km or 6 months	



Maintenance item	Maintenance cycle	Remarks
Clean the drain hole of the front windshield drip channel.	Every 15,000 km or 6 months	
Check the door check, dowel pin, door lock, engine hood/ liftgate hinge and latch (tighten them to specific torque, dedust the door check and lubricate it with SYN-TECHNS-12290-GB, dedust the matching surface between the door lock ratchet and latch and lubricate it with WD_40).	Every 15,000 km or 6 months	
Grease the power liftgate drive rod/ balance rod/ air spring ball socket (without removing two rods); required grease: lithium soap base synthetic hydrocarbon with high viscosity and operating temperature of -30°C~120°C.	Every 15,000 km or 6 months	
Check the interior and exterior lamps and electrical consumers of the vehicle body.	Every 5,000 km or 3 months	
Self-diagnosis (check the fault message with the professional diagnostic scan tool).	Every 15,000 km or 6 months	
Check the battery (check the battery condition with the special tool, check whether the connections to the positive and negative battery terminals are firm and check the battery voltage).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	First maintenance item
Check the front and rear combination lamps (check the lamplight and adjust it when necessary).	Every 15,000 km or 6 months	
Check the A/C filter element.	Every 15,000 km or 6 months	
★ Replace the A/C filter element.	Every 15,000 km or 12 months	



Maintenance item	Maintenance cycle	Remarks
Test run (performance inspection).	Each time maintenance is done	
<b>Visually check the following items</b>		
Driving axle sheath (check for grease leakage or damage).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	
Differential & reducer and high-voltage harness (check for dynamic bump).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	
High-voltage harness sheath under the floor (check for bump).	First at 5,000 km or 3 months, and thereafter every 15,000 km or 12 months	
<p>Note 1:</p> <p>Meanings of the symbols used in the table:</p> <p>“ I ” : Check, adjust or replace if necessary. ★</p> <p>Replace. Note 2:</p> <p>The content of the above table is developed based on normal driving conditions. If the vehicle is used under one or more harsh conditions, please follow the supplementary maintenance instructions.</p>		



### 3.3 Supplementary maintenance under harsh driving conditions

The maintenance interval is determined based on normal driving conditions. If the vehicle is used under one or more harsh conditions, it is necessary to increase the number of times of maintenance for some items or shorten the maintenance interval. Harsh driving conditions include the followings:

1. The vehicle often runs for a short trip.
2. The vehicle runs intermittently.
3. The vehicle runs in a muddy or dusty environment.
4. The vehicle is used to tow the trailer frequently or runs on a mountain road.
5. The vehicle runs for a long time in extremely cold (below the freezing point) or hot (above 35°C) environments.
6. The vehicle runs for more than 20,000 km every year or runs at high speed frequently.
7. The vehicle is used as a commercial vehicle.

Item	Harsh conditions	Maintenance requirements
Check the wheel fixing bolt	1, 2, 3, 4, 5, 6	5,000 km or 3 months
Check the chassis bolts (check and tighten the bolts to the specified torque)	1, 2, 3, 4, 5, 6	15,000 km or 6 months
Check the steering tie rod (check the clearance and check whether the connection is firm)	1, 2, 3, 4, 5, 6	15,000 km or 6 months
Check the suspension ball joint and dust cover (check for loose ball joint or leaky dust cover)	1, 2, 3, 4, 5, 6	15,000 km or 6 months
Check the suspension assembly (check that the bush is free from aging and breakage, the connecting bolt and nut are tightened to specified torque and the linkage is free from deformation and cracks)	1, 2, 3, 4, 5, 6	15,000 km or 6 months
Replace the A/C filter element	3, 5	15,000 km



## 3.4 Regular maintenance record

5,000 km or 3 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

15,000 km or 12 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

30,000 km or 24 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

45,000 km or 36 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

60,000 km or 48 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

75,000 km or 60 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

90,000 km or 72 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

105,000 km or 84 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

120,000 km or 96 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

135,000 km or 108 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

150,000 km or 120 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

165,000 km or 132 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

180,000 km or 144 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

195,000 km or 156 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_

210,000 km or 168 months  
Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_



# 3 Maintenance instructions



Mileage: \_\_\_\_\_  
Date: \_\_\_\_ DD/MM/YYYY  
Sales store: \_\_\_\_\_



### Ownership Change Record 1

<b>Vehicle information</b>	
Vehicle model:	Model year:
Body color:	Interior trim color:
Drive motor No.:	Traction battery No.:
VIN:	Key number:
<b>New user information</b>	
Owner name/unit name:	
ID number*:	Contact person*:
Address:	
Postcode:	E-mail:
Contact number:	Fax:
<b>Owner's signature</b>	<b>Signature of sales store</b>
Signature:	Signature/seal of sales store:
Date:	Date:

\*: If the owner is a natural person, fill in the ID number or passport number in the ID number column; if the owner is an enterprise or public institution, fill in the entity code or legal person code of the enterprise and public institution.

Caution:

When the original registration content in the warranty certificate changes, the GAC AION sales store must fill in the change record and report it to GAC Aion New Energy Automobile Co., Ltd.



## Ownership Change Record 2

<b>Vehicle information</b>	
Vehicle model:	Model year:
Body color:	Interior trim color:
Drive motor No.:	Traction battery No.:
VIN:	Key number:
<b>New user information</b>	
Owner name/unit name:	
ID number*:	Contact person*:
Address:	
Postcode:	E-mail:
Contact number:	Fax:
<b>Owner's signature</b>	<b>Signature of sales store</b>
Signature:	Signature/seal of sales store:
Date:	Date:

\*: If the owner is a natural person, fill in the ID number or passport number in the ID number column; if the owner is an enterprise or public institution, fill in the entity code or legal person code of the enterprise and public institution.

Caution:

When the original registration content in the warranty certificate changes, the GAC AION sales store must fill in the change record and report it to GAC Aion New Energy Automobile Co., Ltd.



