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**I. PDI procedure**

PDI procedure			
Personnel	Service center	Description	
<p>Carrier and delivery service manager (New vehicle preparation direction)</p>	<pre> graph TD     Start([Start]) --&gt; Arrival[New vehicle arriving at the delivery service center]     Arrival --&gt; Inspection[Acceptance inspection]     Inspection --&gt; Q1{Quality impaired or not}     Q1 -- N --&gt; Sign[Sign for warehousing]     Q1 -- Y --&gt; Q2{Logistics quality impaired or not}     Q2 -- Y --&gt; Claim[Logistics claim procedure]     Q2 -- N --&gt; Warranty[After-sale warranty procedure]     Claim --&gt; Sign     Warranty --&gt; Sign     Sign --&gt; Dispatch[PDI dispatch]     Dispatch --&gt; PDI[PDI]     PDI --&gt; Ticket[Service assistant recording the work ticket]     Ticket --&gt; Q3{Quality check passed}     Q3 -- Y --&gt; Confirm[Sign to confirm]     Confirm --&gt; End([End])     Q3 -- N --&gt; Q4{Part quality problem?}     Q4 -- Y --&gt; Warranty     Q4 -- N --&gt; Repair[Improper maintenance Vehicle repair]     Repair --&gt; PDI     </pre>	<p>1. When the vehicle arrives at the service center, the delivery service manager needs to conduct acceptance inspection. If any vehicle damage is found, it is necessary to register the quality damage before signing for the warehousing, and in case that the vehicle damage is determined as logistics quality impair, the logistics claim procedure shall be initiated; In case of non logistics quality impair, the after-sale warranty procedure shall be initiated.</p> <p>2. After the dispatch by the delivery service manager via DMS, the maintenance technician shall use the service assistant to record the <i>PDI Checklist</i>.</p> <p>3. In the event of failure in the PDI, if it is determined that the failure is arising from the part quality problem, the after-sale warranty procedure shall be initiated; If new problems occur after signing for the warehousing due to improper keeping, information such as man hours and spare parts shall be added to the failed items, and then the vehicle maintenance procedure shall be proceeded to.</p> <p>4. After the PDI has passed and been signed by the maintenance technical director for confirmation, submit the <i>PDI Checklist</i> to complete the PDI.</p>	
<p>Delivery Service Manager (New vehicle preparation direction)</p>			
<p>Maintenance technician</p>			
<p>Maintenance technical director Delivery Service Manager (New vehicle preparation direction)</p>			

## II. PDI steps

1. Electrical integrity inspection
2. Information, tool and item inspection
3. Engine compartment inspection
4. External inspection
5. Internal inspection
6. Lifting inspection
7. Road test and inspection
8. Final inspection

Complete the PDI checklist and hand over the vehicle to the delivery service manager (new vehicle preparation direction).



## PDI checklist

Outlet name: \_\_\_\_\_ Outlet number: \_\_\_\_\_  
 Estimated delivery date: \_\_\_\_\_ Manufacturing date of vehicle: \_\_ YY \_\_ MM  
 Model: \_\_\_\_\_ VIN: \_\_\_\_\_  
 Range extender number\*: \_\_\_\_\_ High voltage battery number: \_\_\_\_\_  
 Front motor number\*: \_\_\_\_\_ Rear motor number: \_\_\_\_\_  
 Are you sure to carry out market quality activities: No  Yes  Activity No. \_\_\_\_\_  
 Customer requirements:  
 ▪ Mounting accessories: No  Yes  \_\_\_\_\_  
 ▪ Others: \_\_\_\_\_

1. Electrical integrity inspection	☺	☹
▪ One-key switch between MRR/ICM/ASC mode	<input type="checkbox"/>	<input type="checkbox"/>
▪ Clear the DTC in the vehicle	<input type="checkbox"/>	<input type="checkbox"/>
▪ Check battery voltage and capacity (use a battery tester)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Check whether the battery terminals are securely connected	<input type="checkbox"/>	<input type="checkbox"/>
▪ Check the remaining power of the high voltage battery (>20%)	<input type="checkbox"/>	<input type="checkbox"/>
Overhaul needed		

2. Information, tool and item inspection	☺	☹
▪ Items (keys, key plates, certificates, etc.) delivered with vehicle	<input type="checkbox"/>	<input type="checkbox"/>
▪ Glove box (user manual, rubbing strips, vehicle photos, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Trunk (tire repair kit, reflective vest, warning triangle, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Overhaul needed		

3. Engine compartment inspection	☺	☹
▪ Engine hood opening/closing function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Identification information inspection (range extender number*, motor number, complete, clear and consistent product sign plate)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Fluid level inspection (range extender oil*, windshield washer fluid, coolant, brake fluid, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Pipeline inspection (each system pipeline shall be installed in place without damage, leakage or interference)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Electrical circuit inspection (no looseness, no damage, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Overhaul needed		

4. External inspection	☺	☹
▪ Tires (normal tire pressure, bolts tightened in place)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Rim trim cover and wheel bolt trim cover (installed in place)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Door, tailgate/trunk lid opening/closing, child lock function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Fuel filler cap*, charging port cover opening/closing function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Key function inspection (unlock/lock, tailgate/trunk lid opening)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Vehicle charging inspection (normal charging function)	<input type="checkbox"/>	<input type="checkbox"/>
Overhaul needed		

5. Internal inspection	☺	☹
▪ IP indicator inspection	<input type="checkbox"/>	<input type="checkbox"/>
▪ Horn function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Lamp inspection	<input type="checkbox"/>	<input type="checkbox"/>
▪ Wiper and washer functions	<input type="checkbox"/>	<input type="checkbox"/>
▪ Steering wheel (adjustment/lock)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Entertainment display (normal display/lifting/lowering function)	<input type="checkbox"/>	<input type="checkbox"/>
▪ On-board speaker and microphone function	<input type="checkbox"/>	<input type="checkbox"/>
▪ A/C function (cooling/heating)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Exterior rearview mirrors and windshield heating/defrosting and defogging functions	<input type="checkbox"/>	<input type="checkbox"/>
▪ Wireless charging function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Touch panel function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Power interface function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Exterior rearview mirror function (adjustment/unfolding/folding/turning down at reversing)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Window regulator function (regulating/anti-pinch)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Central door lock function (lock/unlock)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Sunroof, sunshade function (opening/tilting/closing/ventilation)skylight function*	<input type="checkbox"/>	<input type="checkbox"/>
▪ Seat function (adjustment/memory/courtesy/ventilation*/heating*/massage*)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Seat belt inspection (free extension and retraction, no curling, height adjustment)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Storage device condition (front/rear armrest box, trunk partition, cover curtain)	<input type="checkbox"/>	<input type="checkbox"/>
Overhaul needed		

6. Lifting inspection	☺	☹
▪ Shock absorber inspection (no leakage, no damage to the dust cover)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Each ball joint and bearing inspection (no looseness)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Oil seal and oil pan inspection (no oil leakage)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Dust cover and rubber sleeve inspection (no crack or damage)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Fuel pipeline inspection* (no leakage, properly installed)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Brake pipeline inspection (no leakage, properly installed)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Exhaust pipe inspection* (no rust, no loose installation)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Wheel surface condition (no wear, foreign objects, bulges, cracks, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Visual inspection of underbody (no scratches, scrapes, cracks, deformation, breakage, rust, defects, flaws, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Overhaul needed		

7. Road test and inspection	☺	☹
Vehicle start (from stationary condition):		
▪ Range extender condition* (no abnormal sound)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Brake pedal condition (height, free travel, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
When the vehicle is running:		
▪ Seat belt unfastened alarm function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Automatic lock function while driving	<input type="checkbox"/>	<input type="checkbox"/>
▪ Steering condition (easy steering, automatic return, no deviation, no movement interference during steering)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Gear shift condition (smooth shift, no abnormal sound, normal gear display on the instrument panel, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
▪ IP display (speedometer, odometer, battery meter, fuel gauge*, indicator, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Entertainment display function (navigation)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Braking efficiency	<input type="checkbox"/>	<input type="checkbox"/>
▪ DVR function	<input type="checkbox"/>	<input type="checkbox"/>
▪ Driving condition (no abnormal sound, noise, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Parking function (AVM, PDC, APA*)	<input type="checkbox"/>	<input type="checkbox"/>
Overhaul needed		

8. Final inspection	☺	☹
▪ Accessory inspection (fragrance*, rim trim cover, optional accessories, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Vehicle cleaning (no dust and impurities in the engine compartment, no dirt on the body, vehicle inside clean without foreign objects and debris)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Trip mileage reset	<input type="checkbox"/>	<input type="checkbox"/>
▪ High voltage battery charged to 90%	<input type="checkbox"/>	<input type="checkbox"/>
▪ Visual inspection (body: whether the joints are flat; paint: whether there are scratches, peeling off, color difference; glass: whether it is clean and free of scratches)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Delete navigation search records, music search records, song singing records, etc. in visitor mode	<input type="checkbox"/>	<input type="checkbox"/>
▪ Turn off the system prompt tone (central control screen - set the "system key sound" and "system prompt tone")	<input type="checkbox"/>	<input type="checkbox"/>
Overhaul needed		

Maintenance technician (expert at mechanical and electrical maintenance)	Signature: _____ Date: _____
Maintenance technical director	Signature: _____ Date: _____
Delivery service manager (new vehicle preparation direction)	Signature: _____ Date: _____

☺ Inspection satisfied or overhaul completed	☹ Overhaul needed
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Note: 1. For the configuration items not available, enter "N" in "☐".  
 2. After the operation or inspection, enter "√" in the "☐" under the corresponding icon for confirmation.  
 3. The non-conformance items shall be detailed in the "overhaul needed" column as remarks and the non-conformity causes shall be elaborated.  
 4. For the function configuration marked with "\*", it indicates that the function configuration is applicable to some models.

## I. Necessary conditions

The PDI inspection environment must be well lit.

Sufficient tools, equipment and accessories must be available:

S/N	Name	Remarks	Model
1	Scan tool	Diagnostic software shall be of the latest version	CoreXS VCI
2	High-pressure cleaner with cold/hot water	Hot water shall be available for vehicles working in cold areas .	
3	Dust cleaner	For industrial use	
4	Battery tester	As per metrological calibration requirements	MDX-631
5	Battery charger	Constant voltage, variable current	
6	Inflating nozzle with pressure gauge	As per metrological calibration requirements	
7	Common hand tools	As per metrological calibration requirements	
8	7-piece protection kit (exterior and interior protections)	Fender, three-piece front protective pad kit, four-piece interior protection kit (steering wheel cover, seat cover, floor mat, shift lever cover)	
9	Leather cleaner	For leather cleaning	Special leather cleaner
10	General detergent	For cleaning PVC material and ABS engineering plastics	

Necessary materials for PDI: *PDI Process*, *PDI Checklist*, User Manual.

Operators should wear clean gloves and working clothes in working.

**Note:** The vehicle subject to PDI must be a new vehicle that has passed the acceptance by the delivery service center.

Prepare in advance the plan for PDI: the PDI must be finished within two days before delivery (if more than two days, the PDI should be performed again,

## II. Operating instructions

### 1. Electrical integrity inspection

- Please check the vehicle condition with the scan tool first.

- Connect the scan tool, click the "MRR/ICM/ASC mode one-key switch" button, and adjust the MRR mode, ICM guard mode and ASC mode to normal mode.

- Clear the vehicle DTC.

- Connect the scan tool, and click "Automatic identification" and then "Open vehicle" to clear all DTCs of the vehicle.

- Battery voltage and capacity inspection (with a battery tester).

Measurement results	Operations
Good battery	The battery can continue to be used
Good - to be charged	The battery can continue to be used after being fully charged
Test after charging	Retest after the battery is fully charged
Replace the battery	It is possible that the battery cable is poorly connected. After completing the troubleshooting, test the battery again.
Bad cell - to be replaced	The battery must be replaced immediately

- Check if the battery terminal is firmly connected (so that the cable connector cannot be turned by hand) and rusted.

- Check the battery appearance for:

- leakage;
- scratches or cracks on housing;
- deformation.

- Check the remaining power of the power battery (>20%)

### 2. Inspection of accompanying materials, tools, and items

S/N	Attachment name	Qty.	Position	Remarks
1	Automobile Energy Consumption Label	1	Front windshield pasting	
2	CCC label	1		
3	Keys	2	Hand over with the vehicle	
4	Key tag	1		Hang with key
5	Certificate	1		Accompanying document kit
6	Consistency certificate	1		
7	Environmental protection list	1		
8	User Manual	1	Inside the front passenger glove box	Accompanied document kit
9	Rubbing strip (VIN)	2		
10	Rubbing strip (engine No.)	1		For REV only
11	Model photos	2		
12	Reflective Vest	1	Storage box on the right side of the trunk	
13	Towing hook	1		
14	Tire sealant	1		
15	Inflation pump	1		
16	Warning triangle holder	1	Tailgate inside	
17	Wheel hub cap	4	Trunk	

### 3. Engine compartment inspection

#### 3.1 Engine compartment inspection

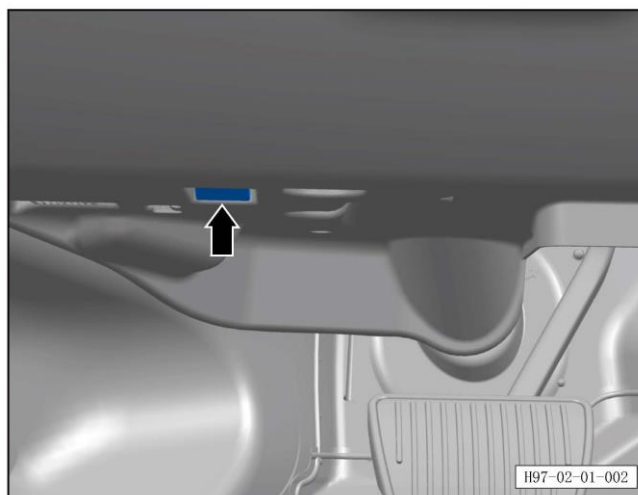
- Unlocking of front engine hood (opening handle under the IP at the driver side inside the vehicle).

- Tear off the driver carpet film and the film on the painted surface of the front engine hood.

- Pull the opening handle of the front engine hood once, lift the front engine hood, and check whether the front engine hood is still latched.

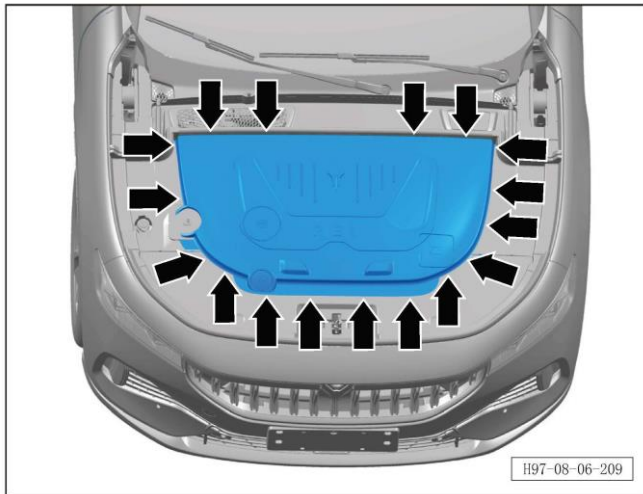
- Pull the opening handle of the front engine hood 2 times to open the front engine hood.

- Check if the hydraulic stay bar and hinge are normal.



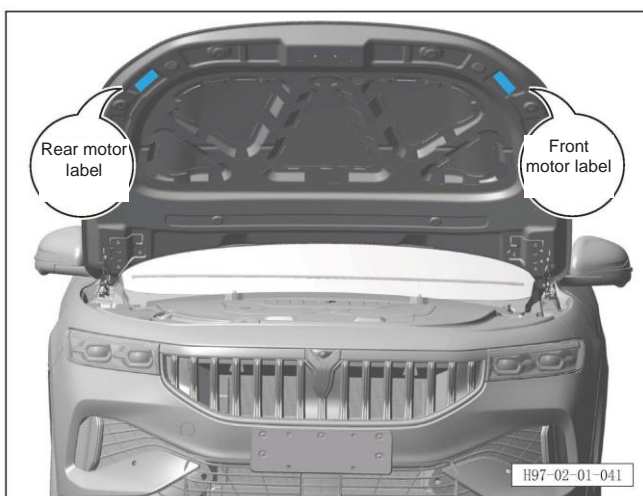
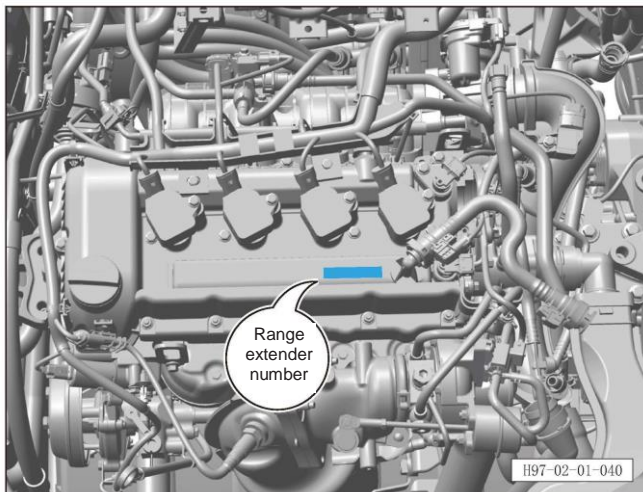
### 3.2 Removal of engine compartment trim panel

- Disengage 17 fixing clips of the front engine hood panel to detach the engine compartment trim panel.



### 3.3 Identification information inspection

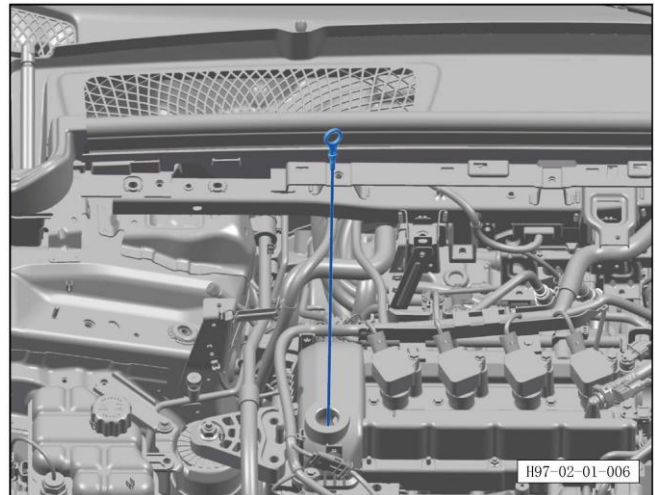
- Check whether the range extender number\*, front motor label and rear motor label are complete and clear, and confirm the consistency.



### 3.4 Fluid level inspection

Check if the following fluid levels are satisfactory:

- Range extender oil level.
- Wait for 10 minutes after the range extender stops running on a level ground.
- Check that the liquid level shall be between the upper and lower marking lines on the oil dipstick.
- When the engine oil is insufficient, supplement the oil of the same specification.



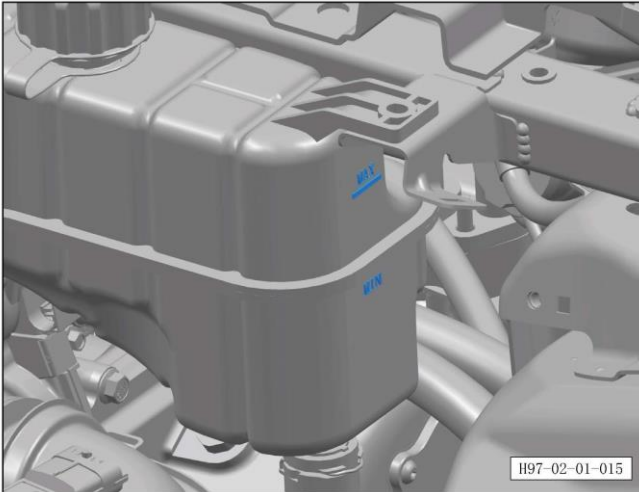
- Front windshield washer fluid level

- When the start switch is turned to ON position, turn on the front/rear windshield washer switch, and there shall have liquid sprayed out; Meanwhile, check whether the spray pump and pipeline function normally. If the washer fluid is insufficient, replenish with windshield washer fluid of the same specification.

- Coolant level

- When the vehicle is parked on a level ground, the coolant level should be between MIN and MAX and approach MAX.
- If the level is low, add some coolant of same specification.
- If more than 1L coolant is to be added, check if the cooling system has leakage or other quality defects. When necessary, exhaust the cooling system (refer to the related process).





- Brake fluid level.

- The brake fluid level should be between MIN and MAX.
- If the level is low, replenish with brake fluid of same specification to the MAX position.

**Note:** When all the above oils need to be supplemented, the oil of same specifications shall be used.



### 3.5 Pipeline inspection

- Coolant pipe
- Brake pipeline
- Front/rear windshield washer fluid pipeline
- Lubrication/booster pipelines.
- Fuel pipeline
- A/C pipeline

### 3.6 Electrical circuit inspection

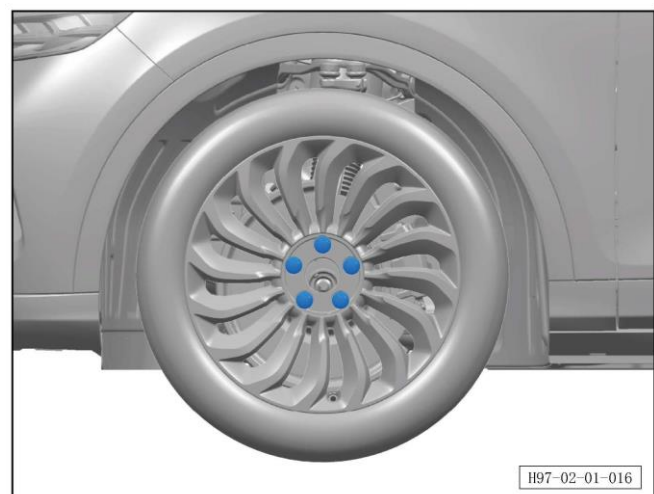
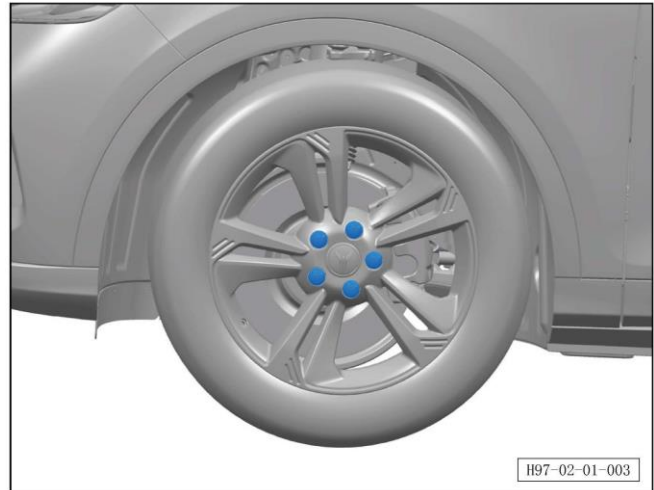
### 3.7 Front engine hood closing

## 4. Exterior inspection

### 4.1 Tire

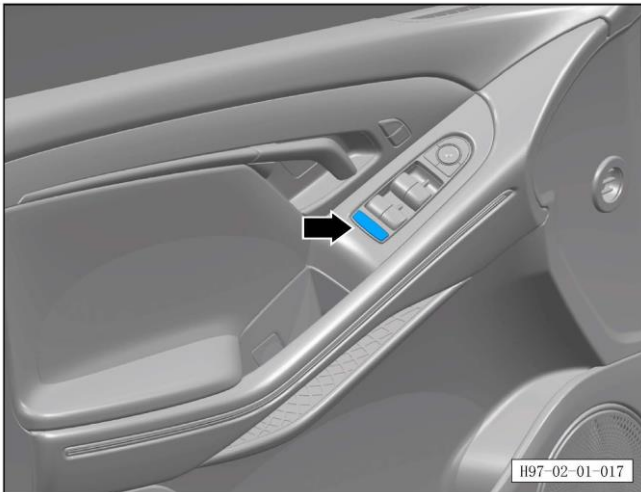
- Check the tightening of the 5 bolts on each tire. If unsatisfactory, adjust as per the standard torque.
- Check the tire pressure. If unsatisfactory, adjust as per the standard pressure.
- Check whether the rim trim cover and wheel bolt trim cover are installed in place.

**Note:** Refer to the tire pressure label pasted below the left B-pillar.



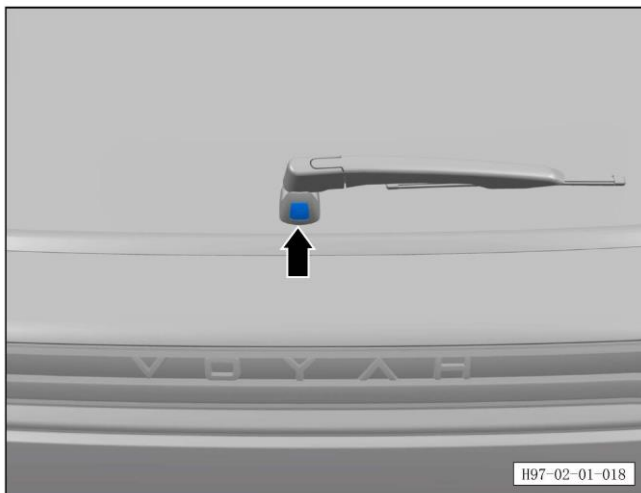
#### 4.2 Inspection of door, tailgate/trunk lid opening/closing and child lock function

- When using the key, open/close doors and the trunk lid to check their opening and closing condition (check if the door inside and outside handles function normally, if there is unusual noise during opening/closing, if the hinge is normal, if the closing force is appropriate, and if the trunk lid opening/closing is normal etc.);
- Check whether the child safety lock on rear door can work properly (if the lock is acceptable, deactivate it).



- Check the function of the POT switch (turn off the POT switch after the inspection is passed).

**Note:** Please refer to the User Manual for the operation instructions of each function.



#### 4.3 Inspection of fuel filler cap, charging port cover opening/closing

- The filler cap is at the rear right of the body. Swipe right on the central control screen to call up the right swipe 1- screen, click "Open filler cap", and the fuel filler cap will pop up automatically. The fuel filler cap needs to be closed manually after opening.
- The charging port cover is located on the left rear of the vehicle. Swipe right on the central control screen to call up the right swipe 1- screen, click "Open charging cover", and the charging port cover will pop up automatically. The charging port cover needs to be closed manually after opening.

#### 4.4 Key

- Test for the unlocking and locking function of the keys on the left front door.
- Check if the start switch can be turned on and off and the IMMO be activated and deactivated with a key.
- Check the locking and unlocking functions of the key for each door.
- Check the opening of tailgate/trunk lid by key.
- Check the automatic locking recovery function.

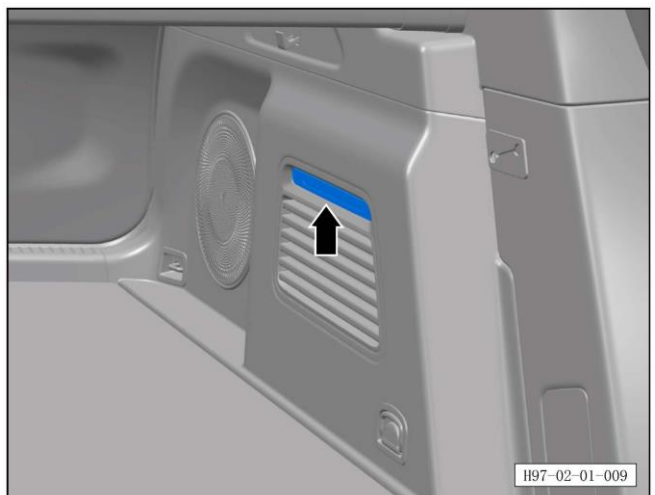
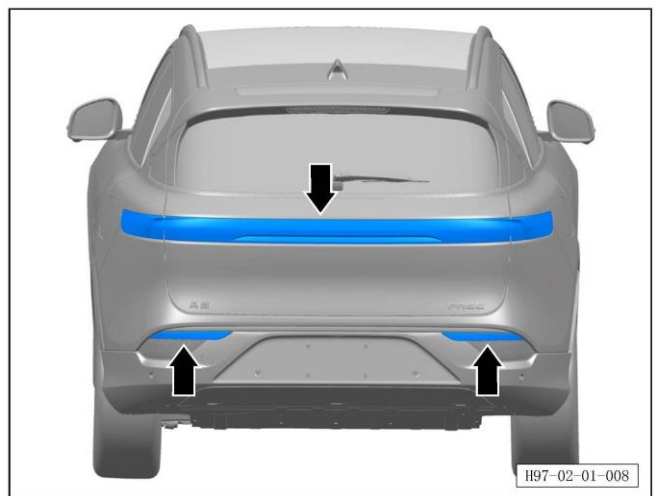
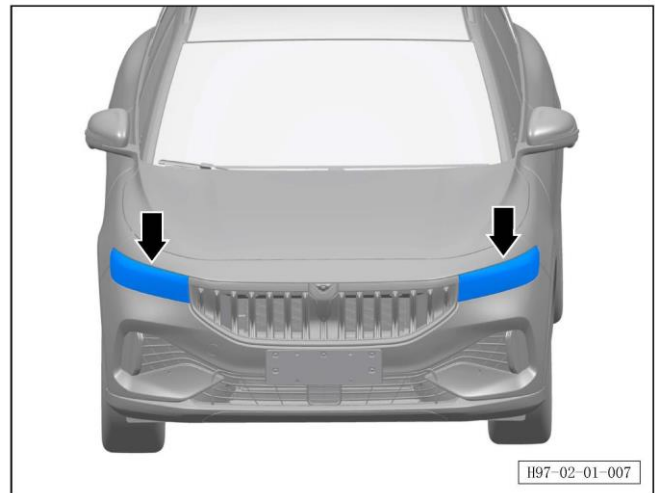
**Note:** Please refer to the user manual for the operation instructions of the key.



## 4.5 Vehicle charging inspection

- Open the charging port cover and connect the charging device. The charging port indicator is located above the vehicle charging port to indicate different charging states, as shown below:

Color	Condition	Description
Green	Green lamp always on	Current power
Green	Green lamp flashing	Charging
Yellow	All yellow lamps on	Scheduled charging
Blue	Blue lamp flashing	Discharging
Red	All red lamps on	Charging fault



## 4.6 Lighting inspection

- Low beam
- High beam
- Turn signal lamp
- Side turn signal lamp
- Front/rear position lamp
- Brake lamp
- Reversing lamp
- License plate lamp
- Daytime running lamp
- Rear fog lamp
- Hazard warning lamp
- Front and rear interior lamps
- Trunk light
- Delay lighting (i.e. Follow-me-home function)

**Note:** Please refer to the user manual for how to turn on/off each lamp.

## 5. Interior inspection

### 5.1 IP indicator inspection

- Switch the start switch to ON position, depress the brake pedal, set the shift lever to P or N position respectively, check the operation of the indicator on the IP and the indication information of the IP (adjust the backlight brightness of the IP in advance) .

**Note:** Please refer to the user manual for the operation of the indicator on the IP and the indication information of the IP.

### 5.2 Horn

- Press the horn switch to check the working condition of horn (check if the sound is loud enough and if the tone effect is normal).

### 5.3 Wiper and washer functions

- Operate the front wiper switch to check if the front wiper works normally at each gear.

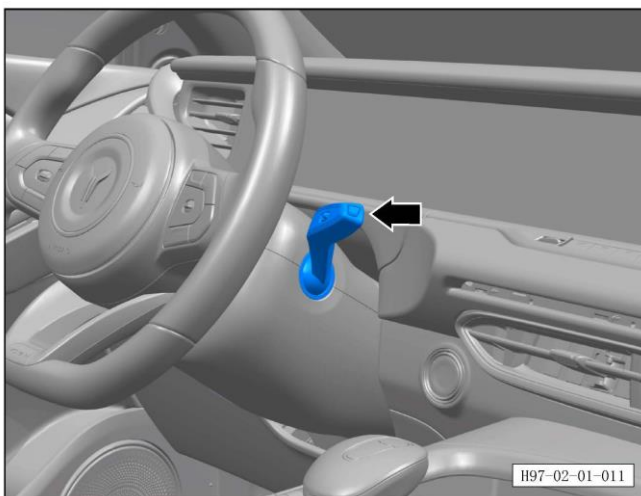
- Switch from Low gear to High gear to run the wiper mechanism, and check that the wiper arm moves stably without unusual noises, and the wiping area is uniform.

- Move the wiper combination switch backward to the limit position, the front nozzle starts to spray washer fluid, and the front wipers work later.

- Press the rear wiper button, and the rear wiper starts to work; press again to stop wiper working.

- Move the wiper combination switch forward to the limit position, the rear nozzle sprays the washer fluid to the rear windshield, and the rear wiper works later.

**Note:** Please refer to the user manual for the operation instructions of the wiper. Dry wiping without liquid is strictly prohibited. Be sure to switch the start switch to OFF position after the wiper is turned off and completely stands still.



### 5.4. Steering wheel

- Release the adjuster handle, and check if the steering wheel can move up and down, back and forth freely without seizure.

- Lock the adjuster handle, and check if the steering wheel can be positioned reliably during the upward and downward, backward and forward adjustment.

- After the inspection, adjust the steering wheel to the foremost and upper limit position, and lock it up.



### 5.5 Entertainment display

- On the central control screen, click the scanning code 5 consecutive times to activate the QR code area of the IVI and enter the visitor mode.

- The entertainment display is normal, and there is no blurring or flashing, etc.

- The rising/lowering function of the entertainment display is normal.

### 5.6 On-board speaker and microphone function

- Press the voice function button on the steering wheel to perform voice control, and by this way can you test the speaker and microphone functions.

### 5.7 A/C function

- Check the working condition of cabin cooling unit (air conditioning).

- Check the working condition of cabin heater.

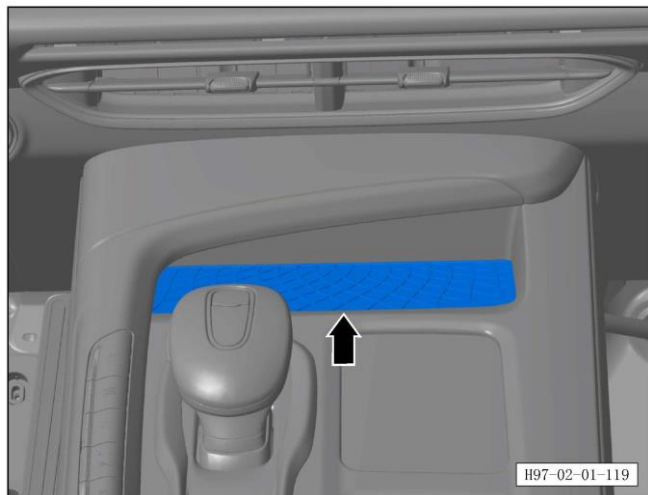
- Check the ventilation of the A/C outlet.

### 5.8 Electric heating and defrosting of exterior rearview mirror and rear windshield

- When the start switch is switched to ON position, press the electric heating and defrosting switch for the exterior rearview mirror and rear windshield. After 5 minutes, use your palm to feel whether the window surface heats up; Turn off the electric heating switch in time after the test is completed.

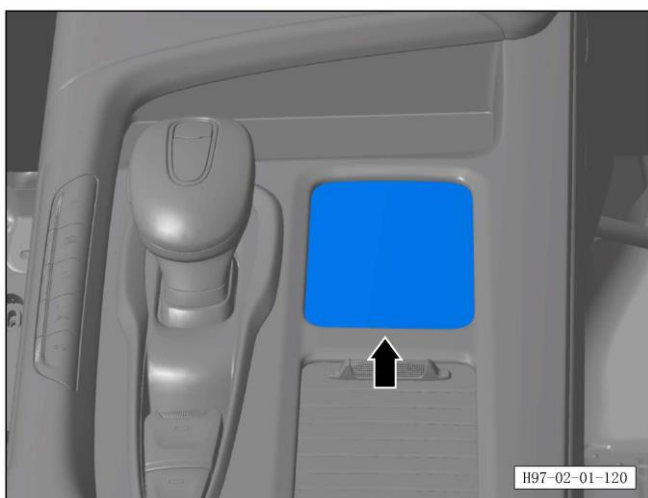
### 5.9 Wireless charging function

- Turn on the wireless charging function, place the mobile phone with wireless charging function in the wireless charging area, and at this time the wireless charging indicator (with a lighting icon) lights up, indicating charging.



### 5.10 Touch panel function

- The touch panel is located on the right side of the shift lever and is mainly used to recognize various gesture information to perform corresponding operation functions.



### 5.11 12V power interface function

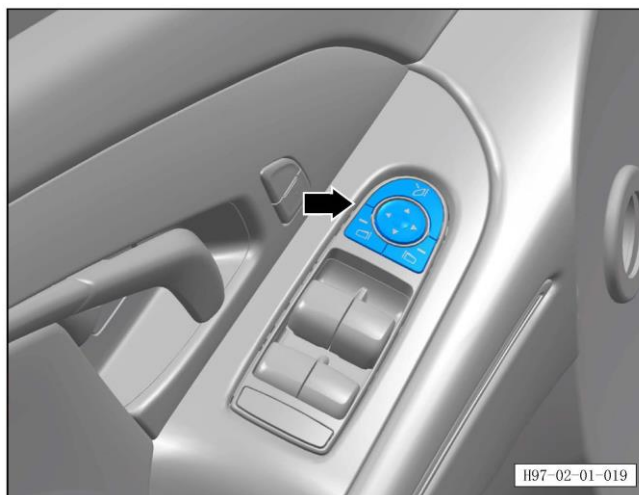
- When the start switch is switched to ON position, connect the 12V power interface to the electrical appliance to check whether the power supply is normal.

### 5.12 Electric exterior rearview mirror

- Check that the electric exterior rearview mirror can be unfolded, folded and its field of view can be regulated by adjusting the control switch.

- Check whether the automatic downturn function of the exterior rearview mirror is normal during reversing.

**Note:** Please refer to the user manual for the operating instructions of the exterior rearview mirrors.



### 5.13 Power window regulator

- Turn the start switch to ON position.
- Check whether the working condition of the front and rear door power window regulator is normal without abnormal sound.
- Check whether the locking button of the window regulator is valid.

**Note:** Please refer to the user manual for the operation instructions of the window regulator.



### 5.14 Central locking

- Turn the start switch to ON position.
- Press the lock/unlock button of the central locking on the left front door inside armrest;
- Check if the central locking system works normally.

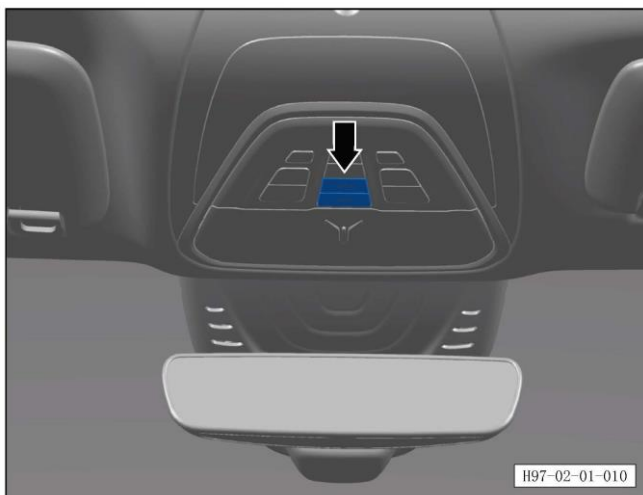


### 5.15 Sunroof and skylight

- Check the opening, tilting and closing of sunroof.
- Check the anti-pinch function of sunroof (extra care shall be taken).
- Check the opening and closing of sunroof sun visor.
- Check the automatic closing function of the sunroof (for the opened sunroof, when the start switch is turned to OFF position and the vehicle is locked, the sunroof shall be automatically closed)
- Check the light adjustment function of the skylight.
- Close the sunroof and sunshade after the inspection is completed.

**Note:** Please refer to the user manual for the operation instructions of the sunroof.

The simulative obstacle for inspecting window anti-pinch function should have a soft outer package, so as to protect the body against deformation due to squeezing.



### 5.16 Seats

- Check the adjusting function of seats, backrests, head restraints and armrests and the folding function of rear seats.
- Adjust the two front seats to the same condition.
- Place the rear seats in the seating condition, and adjust their head restraints to the lowest position.
- Place the rear seat belts and their buckles at conspicuous positions.

**Note:** Please confirm that the trunk lamp goes out when checking the rear seat folding function.



### 5.17 Seat belt

- Check the condition of all seat belts (free extending/retraction without twist, and buckle conditions etc.).
- Check if the seat belt height adjuster functions normally.
- Check if the rear seat ISOFIX functions normally.

### 5.20 Storage device condition

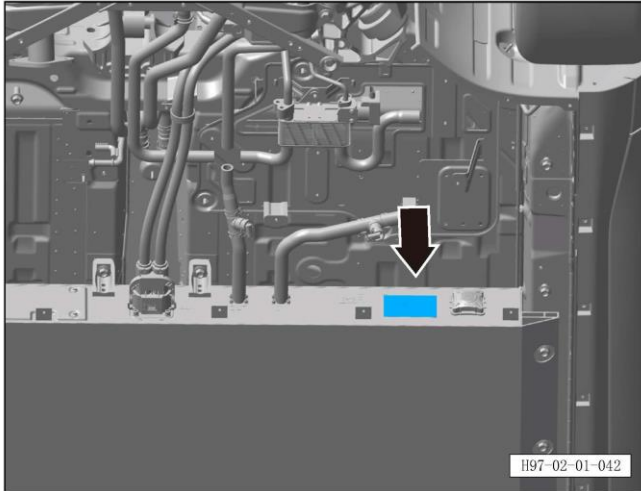
- Check whether the functions of front/rear armrest box, trunk partition and cover curtain are normal.

**Note:** The above electrical components consume power during the above function inspections. In this case, you can start the vehicle (for REV, the vehicle can only be started when the exhaust emission devices are complete and the workshop environment and the health conditions of workshop personnel are not affected) to keep the battery in charging state all the time so that battery will not be subjected to undervoltage.

## 6. Lifting inspection

Lift the vehicle to an appropriate height using a lift, and do the following checks:

- Check the power battery label.
- Remove the middle lower guard, and check the consistency of the factory number on the high voltage battery nameplate.



- Check the front shock absorber for dust cover damage and leakage.
- Check the steering tie rod ball joint for looseness.
- Check the oil seal and oil pan for leakage signs.
- Check the dust cover of steering gear for cracks.
- Check the stabilizer bar for ball joint looseness and rubber bush damage.
- Check the rear shock absorber for dust cover damage and leakage.
- Check the lower swing arm ball joint for looseness.
- Check the fuel pipeline for leakage and out-of-place installation.
- Check the brake pipeline for leakage and out-of-place installation.
- Check the exhaust pipe for rust or looseness.
- Check 4 hub bearings for looseness and abnormal sound, and rotate the wheels to check for braking lagging.
- Turn the wheel and check the surface condition of tires (pattern, wear, foreign matters, bulge, cracks etc.).
- Visually check the underbody appearance for scratches, bruises, cracks, deformation, damage, rust, defects or flaws.

## 7. Road test

## 7.1 Vehicle start (stationary state)

- Check the range extender for abnormal sound.
- Check the brake pedal for height and free travel, and the interference when it is depressed to the bottom, and the working condition.

## 7.2 During vehicle driving

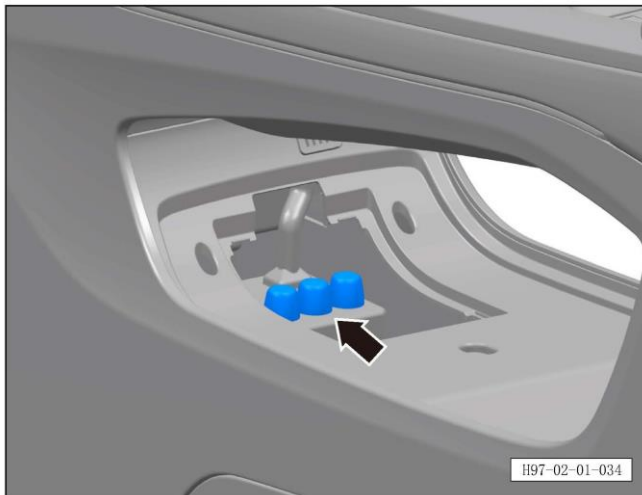
- Check whether the unfastened seat belt triggers the alarm function during driving.
- Check the automatic locking function of doors when the vehicle speed is greater than 20km/h.
- Check if the steering wheel is in the center and if the vehicle runs off track in straight traveling.
- Whether turning the steering wheel to the left and right is light (steering system function); Whether the steering wheel can automatically return from turning to straight driving.
- Check that no motion interference occurs among tires, suspension mechanism and steering gear during steering, even when the steering wheel is to the left/right limit.
- Gear shifting (gear smoothness, existence of abnormal sound, etc.)
- Check the display of instrument cluster: the function of odometer (trip, total mileage); Motor tachometer, speedometer, fuel gauge, water temperature gauge, indicator, etc.).
- Check the navigation function of the entertainment display.
- Check for off-track, unusual noises and braking efficiency during the braking.
- Check the recording function of the DVR.
- Check the vehicle driving for abnormal sound and noise, etc.
- Check the parking function (AVM, PDC, APA).

## 8. Final inspection

### 8.1 Accessories installation & inspection

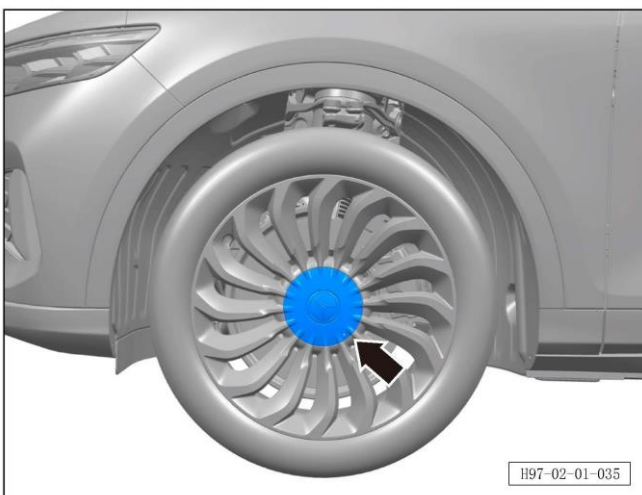
- The fragrance in the fragrance generator is delivered with the vehicle, and shall be installed by the maintenance technician in the service center.

- Remove the fragrance plug and take out 3 of them from the fragrance generator.
- Remove the fragrance protective film, place the fragrance into the fragrance generator, and then install the fragrance plug.

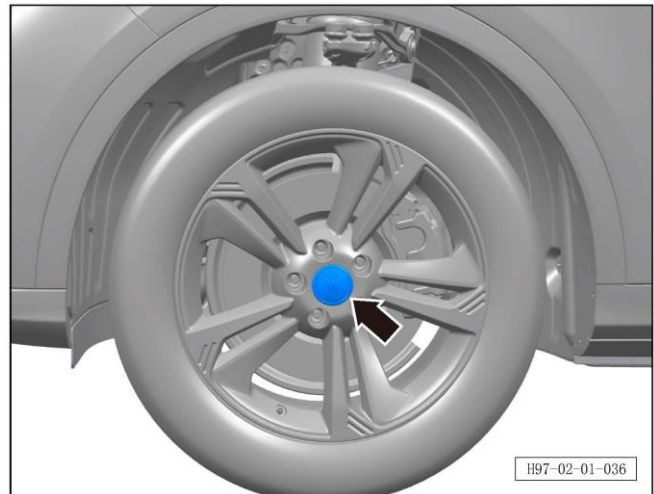


- The rim trim cover in the trunk is delivered accompanying the vehicle, and shall be installed by the maintenance technician in the service center.

- Type I of the rim trim cover: take out the rim trim cover, and align it with the locating marks of the rim for installation. After the installation is completed, confirm that the clamping is secured and check the flush between the rim trim cover and rim.



- Type II of the rim trim cover: take out the rim trim cover, and install it on the rim. After the installation is completed, confirm that the clamping is secured and check the flush between the rim trim cover and rim.



- Check whether the type of optional accessories is in line with the customer's order.

- Check the installation mass of the optional accessories.

- Check the functions of the optional accessories.

**Note:** Refer to the Installation & Operation Instructions for corresponding accessory to check conformity of its function.

### 8.2 Vehicle cleaning

- Clean up the dust, dirt or impurities inside the engine compartment (with a mop or a vacuum cleaner)

- Remove 4 door handles, protective tapes at the door sill and the seat sheath; Remove the carpet protective pad.

- Clear all stains in the vehicle.

**Note:** When removing the protective items, it is necessary to observe whether there are appearance defects at the shielding area; It is strictly forbidden to keep the recording materials about the production and transport process; But if users insist to keep some protective items, they can be retained according to the user's opinions.

- Wash the body with clean water.

- Wipe off the body.

- Check four doors, sunroof and tailgate/trunk lid for water leakage.

### 8.3. Tripmeter clearing

After the vehicle is power on, press the menu button to switch to the ECU interface of the instrument cluster. Click the OK button to select TRIP A so as to check the driving information of the vehicle. Press and hold the OK button to reset the TRIP A.



#### 8.4 High-voltage battery charging

Check the remaining power of the high voltage battery and charge the high voltage battery to at least 90% SOC.

#### 8.5 Appearance inspection

Walk around the vehicle by one circle within 1.5 m and visually inspect the body, paint and glass:

- Check the vehicle for deformation (crinkles, dents and sharp points etc.)
- Check the paint surface for deposit, burrs, dents, crinkles, color difference or scratch.
- Check if window glasses and light shields are intact.

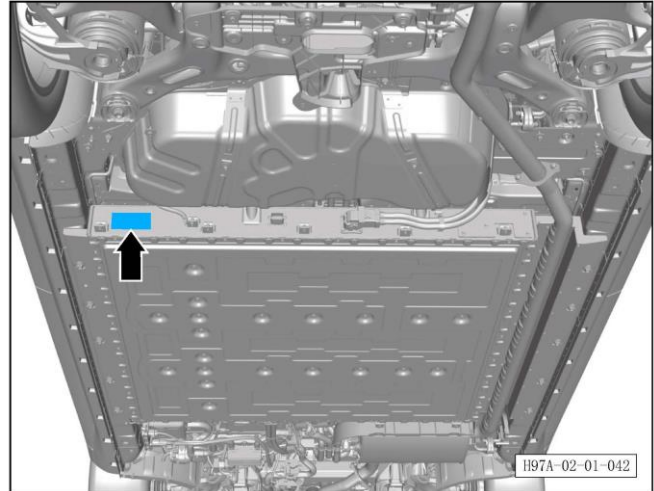
#### 8.6 Vehicle closing system beep

Turn off the central control screen - set the "System key tone" and "System beep".

#### 9. Lifting inspection (Facelift)

Lift the vehicle to an appropriate height with the lift to check the following items:

- Check the power battery label.
- Remove the middle lower guard, and check the consistency of the factory number on the high voltage battery nameplate.



- Check the front shock absorber for dust cover damage and leakage.
- Check the steering tie rod ball joint for looseness.
- Check the oil seal and oil pan for leakage signs.
- Check the dust cover of steering gear for cracks.
- Check the stabilizer bar for ball joint looseness and rubber bush damage.
- Check the rear shock absorber for dust cover damage and leakage.
- Check the lower swing arm ball joint for looseness.
- Check the fuel pipeline for leakage and out-of-place installation.
- Check the brake pipeline for leakage and out-of-place installation.
- Check the exhaust pipe for rust or looseness.
- Check 4 hub bearings for looseness and abnormal sound, and rotate the wheels to check for braking lagging.
- Turn the wheel and check the surface condition of tires (pattern, wear, foreign matters, bulge, cracks etc.).
- Visually check the underbody appearance for scratches, bruises, cracks, deformation, damage, rust, defects or flaws.