



Talaria-Owners-Manual-xXx Mini



TALARIA POWER TECH (CHONGQING) CO, LTD.





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Introduction

An Important Message From Talaria

Congratulations and thank you for purchasing the 2025 Talaria xXx Mini electric motorcycle; we welcome you to the community of Talaria Motorcycle riders. This manual is designed to provide you with a better understanding of the operation, inspection, and basic maintenance requirements of this motorcycle.

Talaria continually seeks advancements in product design and quality. Therefore, this manual contains the most current product information available at the time of printing. Because of this, your motorcycle may differ from the information supplied in this Owner's Manual. No legal claims can be made on the basis of data in this manual. When it comes time to sell your Talaria xXx Mini, please ensure that this manual stays with the motorcycle. It is an important part of the vehicle. If you have any questions concerning the operation or maintenance of your motorcycle, please contact Talaria at

support@talaria.cn

For 24-hour updates and additional information about your motorcycle, visit the Talaria Motorcycle website:

<http://www.talaria.cn>

About This Manual

This manual covers the standard features, operations, malfunction inspections and warranty for Talaria xXx Mini electric motorcycles.

Talaria xXx Mini: All Terrain

Wire Wheels

14-inch Diameter Front Wheel

12-inch Diameter Rear Wheel

Knobby Tires

Locating and Referencing Information

A good place to locate information about the motorcycle is in the index in the back of the manual.

The terms "right" or "left" refer to the rider's right or left when sitting on the motorcycle.

Useful Information For Safe Riding

This manual contains the word **WARNING** to indicate something that could hurt you or others. It also contains the word **CAUTION** to indicate things that could damage your motorcycle.

WARNING! Please read this manual carefully and completely before operating this motorcycle. Do not attempt to operate this motorcycle until you have attained adequate knowledge of its controls and operating features, and until you have been trained in safe and proper riding techniques. Regular inspections and proper maintenance, along with good riding skills, help you safely enjoy the capabilities and the reliability of this motorcycle. Disregarding the aforementioned, however, may render the warranty invalid.



This symbol is located in various locations on the motorcycle to inform you that exposure to high voltage can cause shock, burns and even death. The high voltage components on the motorcycle should be serviced only by technicians with special training. High voltage cable or wiring has an orange covering. Do not probe, tamper with, cut, or modify high voltage cable or wiring.

Unplug the Battery

CAUTION: Proper care of the motorcycle's battery is essential! Once your motorcycle is charged, disconnect the battery from AC power. Leaving your motorcycle unplugged will maximize long-term battery health.

See "Battery Information", from page 30 to page 34 for other important information regarding the battery.



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Identification Numbers

Vehicle Identification Number (VIN)

The VIN is a 17-digit number stamped on the right side of the frame's head tube. Do not alter or remove this number as it is the unique identifier for your motorcycle.



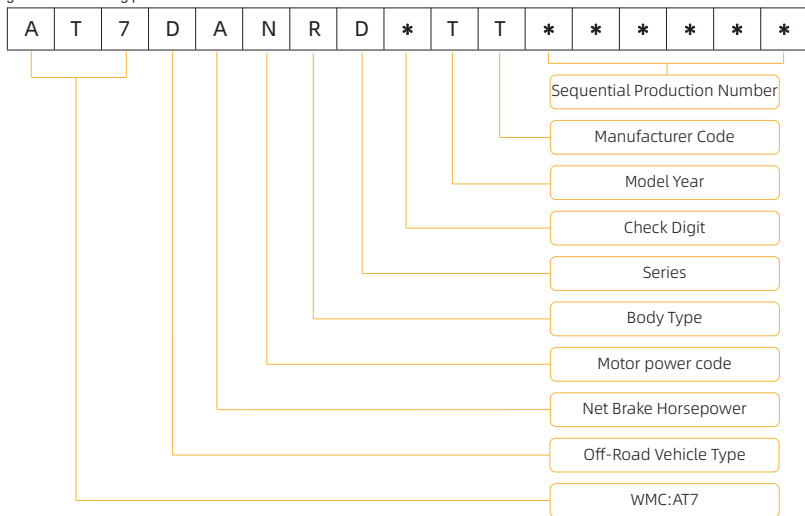


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Identification Numbers

VIN Breakdown

The following breakdown of the VIN will help you to understand the significance of each digit or character in case you need to reference it when contacting Talaria or ordering parts.





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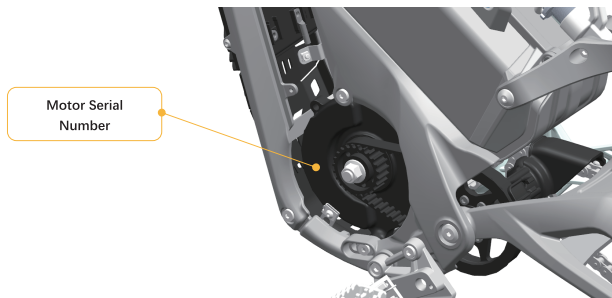
Identification Numbers

Motor Serial Number

The motor serial number is stamped on the left-hand side of the motor housing. ☆128ZW6020412NA☆

And the Second row is the Talaria internal control number: Internal 6-Digit Model Number + Manufacturing Date(YY/MM) + 1-Digit Factory Identify Number +4-Digit Running Number:

Example: ☆TL2500-22122010001☆





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General Information

Technical Specification

Item

Vehicle Dimension
Wheelbase
Vehicle Weight/40Ah Battery Included
Max. Loading Ability
Min. Ground Clearance
Seat Height
Max. Gradeability
Top Speed
Nominal Power
Peak Power
Torque on Rear Wheel
Battery Pack
Range
Charging Time
Charger Input Voltage
Riding Modes
Wire Wheel Size
Tire Size
Front Fork
Rear Shock Absorber
Brake Type
Primary Transmission
Secondary Transmission
Dash Type

Specs

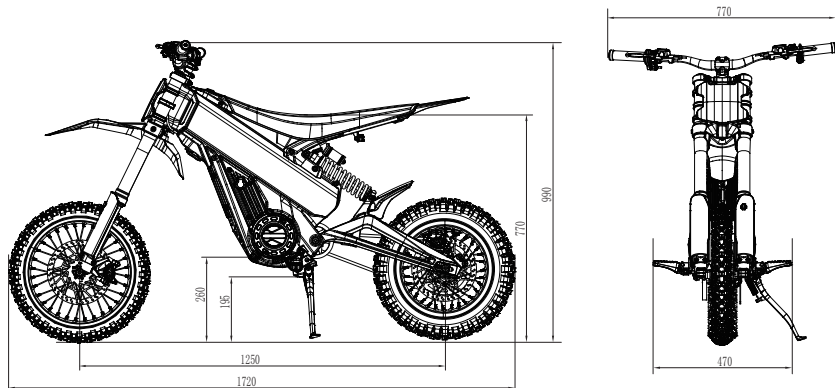
1720mm×770mm×990mm
1250mm
42kg/52kg
100kg
195mm
770mm
45°
65km/h
2.5KW
4.2KW
214N.m (44T)
60V/25A Lithium-ion Battery Pack
≥50Km@25Km/h (upon the battery you choose)
2-4h (upon the charger you choose)
AC110/220V-50/60Hz
ECO/SPORT
Fr.: 1.4×14; Rr.: 1.85×12
Fr.: 60/100-14; Rr.: 80/100-12
Hi-Performance Hydraulic Fork with 200mm Travel
Spring Reducing Off-Road Absorber with 60mm Travel
Hydraulic Front and Rear Disc Brakes
Belt Transmission
Chain Transmission
TFT



探疆动力科技（重庆）有限公司
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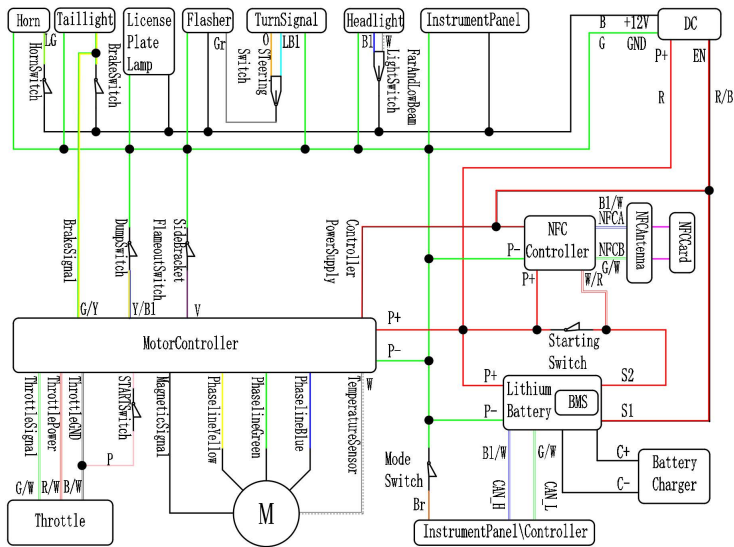
General Information

Vehicle Overall Dimension



General Information

Circuit Schematic Diagram



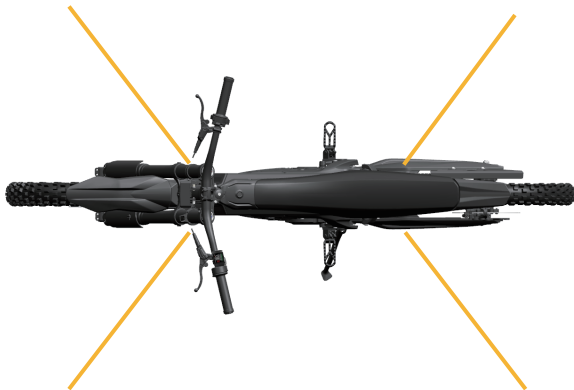


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General Information

Transporting

It is recommended that the motorcycle be tied-down using ratchet straps while it is being transported. Place the ratchet straps around a frame contact point. Soft straps must be used to reduce scratches or other damage. Use two ratchet straps in the front and two in the rear. The tie down straps should be at a 45° angle from the motorcycle. Follow the manufacturer's instructions for the ratchet straps you are using.



Safety Information

Anti-Theft Alarm Information



Key Switch:

1. Turn the key clockwise to "ON" position to pre-start the powertrain.
2. Turn the key clockwise to "LOCK" position to turn on the electric motorcycle.
3. Turn the key counter-clockwise to "OFF" position to turn off the electric motorcycle.
4. Remove the key.

Caution: The key should be removed from the motorcycle when parked to prevent theft.



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Safety Information

General Safety Precautions

This is a performance motorcycle and should be treated with extreme caution.

Please obey the local traffic rules, and ride the motorcycle with a proper speed. (Top speed for xXx Mini version is 65km/h)

Proper safety gear, including a regionally approved helmet, eye protection, riding boots, gloves, and protective clothing should be worn while riding to reduce the risk of potential injury. We highly recommend the use of full height riding boots since the vast majority of motorcycle injuries are leg and foot injuries. It is not recommended to ride without the correct protective clothing; this applies to even short journeys and to every season of the year.

Read all additional warnings and product instructions in this owner's manual, as well as safety labels, before operating your electric motorcycle.

Never permit a guest to ride your electric motorcycle without proper instruction.

Never use alcohol or mind-altering drugs before operating your electric motorcycle.

Persons unwilling or unable to take responsibility for their actions should not use this motorcycle. You assume all responsibility while operating your motorcycle. The seller assumes no liability for misuse or operator negligence

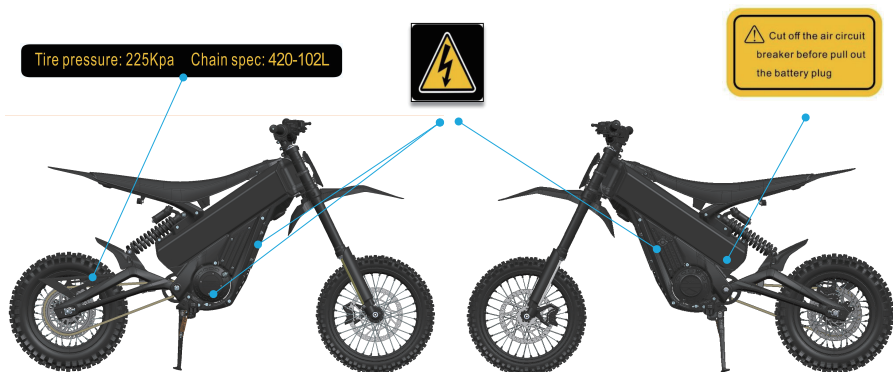
Your safety depends in part on the good mechanical condition of the motorcycle. Be sure to do maintenance regularly. Be sure you understand the importance of checking all items thoroughly before riding.

Modifications to the motorcycle may render the vehicle unsafe and may cause severe personal injury. Talaria cannot be held liable for non-approved modifications.

Be very careful when loading or adding accessories to your motorcycle. Large, bulky, or heavy items may adversely affect the handling and performance of your motorcycle.

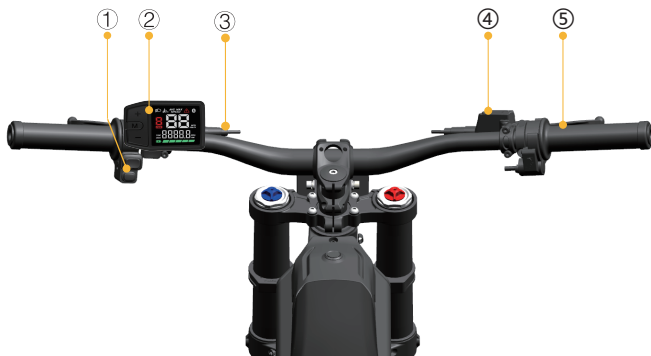
Safety Information

Location of Important Labels



Controls and Components

Motorcycle Controls





Controls and Components

① Horn Button

When the motorcycle is powered on, the horn sounds when the button is pressed. Electric vehicles run quietly; the horn can be used to warn pedestrians or other motorists of your presence.

② Dash

For description and operation, see "Dash Overview" on page 19.

③ Rear Brake Assy.

For description and operation, see "Rear Brake Lever" on page 24, and "Braking" on page 26.

④ Front Brake Assy.

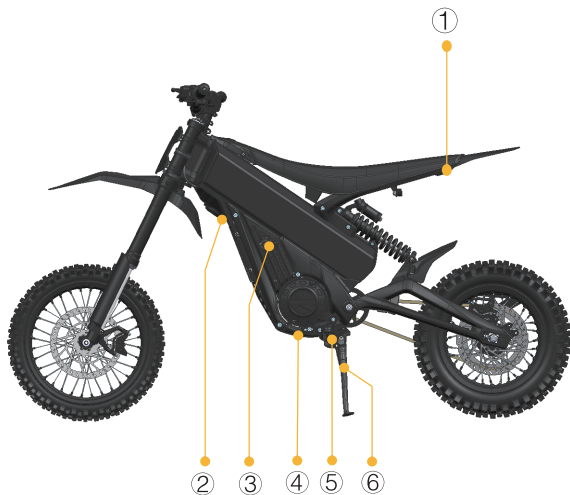
For description and operation, see "Front Brake Lever" on page 24, and "Braking" on page 26.

⑤ Throttle

For description and operation, see "Handlebar Controls" on page 23.

Controls and Components

Left Side View





Controls and Components

① Tail Lamp

After your motorcycle powered on, when you squeeze the brake lever, the tail lamp will light up in red to draw attention to the vehicles which are behind you to prevent any accidents happen.

Warning: Please choose the flat hard ground to park your motorcycle. If you park your motorcycle on slope, or soft ground, your motorcycle may will tip over, and cause some damages.

② Horn

For description and operation, see "Handlebar Controls" on page 24.

③ On-Bike Charging Interface

Please use Talaria stock charger to charge the battery. Before you charge the battery, please turn off your motorcycle at first.

④ Belt Tensioner

Used to adjust the tightness of the belt. For description and operation, see "Belt Tensioner Application" on page 50.

⑤ Side Kickstand Power Off Sensor

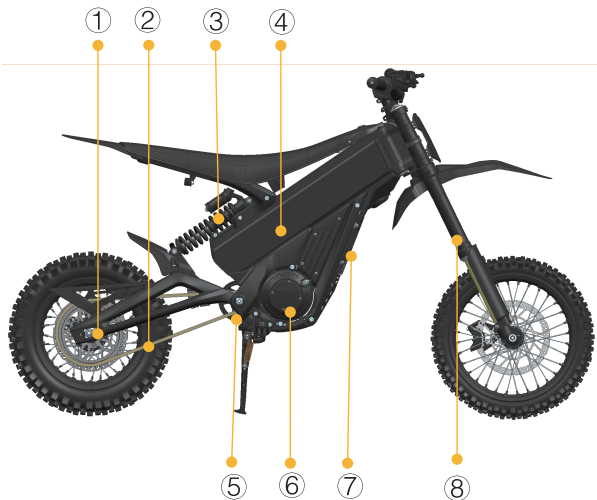
Used to cut the power supply when the side kickstand still stands your motorcycle, so that to prevent any accidents or injuries by maloperation.

⑥ Side Kickstand

Used to stand your motorcycle. When you park your motorcycle, please make sure it's powered off.

Controls and Components

Right Side View





Controls and Components

① Chain Tension Adjuster

Used to adjust the tension if driving chain. See description and operation for "Driving Chain Tension Adjustment" on page 51.

② Chain

Chain for the secondary transmission, it's strongly recommended to check the tension of the chain regularly. See description and operation for "Driving Chain Tension Adjustment" on page 51.

③ Rear Shock Absorber

See description and operation for "Front Fork and Rear Shock Absorber" on page 28.

④ Battery

xXx Electric Motorcycle, it's used the state-of-the-art PTC structure design. The battery pack is integrated into the chassis. See description and operation for "Battery" on page 30.

⑤ Belt

It's used for the primary transmission; it's strongly recommended to check the tension of the belt regularly. See description and operation for "Belt Adjustment" on page 50.

⑥ Motor

See description and operation for "Powertrain" on page 29.

⑦ Controller

See description and operation for "Powertrain" on page 29.

⑧ Front Fork

See description and operation for "Front Fork and Rear Shock Absorber" on page 28.

Controls and Components

Dash Function Introduction:

1.Setting Button;

2.Motorcycle Status;

2-1 Ready:

-Power on the motorcycle, If READY is not displayed on the Dash, retract the Side kickstand, release the brakes, and press the START button (integrated into the throttle) until the Dash displays READY.

-When the motorcycle is stationary, squeezing the brake or placing the Side kickstand on the ground will turn off the READY indicator on the Dash; while the motorcycle is in operation, the Dash will display READY.



2-1



2-2

2-2 Mode:

1 corresponds to E: The motorcycle enters ECO Mode;

2 corresponds to S: The motorcycle enters SPORT Mode, suitable for off-road, forest trails, and other scenarios;

E: Used to display Error Codes to alert the rider (please refer to the error codes on page ??)

3.Soc;

4.Data;

When the motorcycle is powered ON and stationary, use the Setting button to switch to the Regen interface, AVG SPEED interface, MAX SPEED interface, and SPEED interface:

4-1 SPEED interface: Used to display real-time data of the current speed and the trip mileage;

4-2 Regen interface: Used to set the energy recovery level;

4-3 AVG SPEED interface: Used to display the average speed and corresponding TRIP data;

4-4 MAX SPEED interface: Used to display the maximum speed and corresponding ODO data;



Controls and Components



4-1



4-2



4-3



4-4

5. M button

When the motorcycle is powered ON and stationary, long-press the Setting button for 3s to enter the Setting interface. At this time, the M button serves as the confirmation button. When not in the Setting interface, you can use the M button to switch between EIS Mode.

6. Real-time Speed

7. Regen levels display

-When the motorcycle is powered ON and stationary, press the setting button to switch to Regen interface, and press the +/- buttons to change regen levels.



8. +/- buttons

When the motorcycle is powered ON and stationary:

- 1: Long-press the Setting button for 3s to enter the Setting interface; +/- buttons then functions as the up/down selection button.
- 2: When not in the Setting interface, +/- buttons functions as the Regen level increase/decrease button.



Controls and Components

Enter Setting: With the motorcycle powered ON and stationary, press and hold the Setting button for 3 seconds.

Note: The Setting interface cannot be accessed while riding.

Exit Setting: Press and hold the M button to exit the Setting interface.

- P 01: Unit Setting (Metric/Imperial)

Enter the Setting interface, the Dash will display P 01. Press the M button to enter the unit toggle interface. Use the +/- buttons to select 00 Metric or 01 Imperial. Press the M button again to save the Setting and exit.



- P 02: Wheel Diameter Setting

Enter the Setting interface, use the +/- buttons to switch to P 02. Press the M button to enter the wheel diameter Setting. Use the +/- buttons to select 12, 14, 16, 17, 18, or 19 inch wheels. Press the M button again to save the Setting and exit. Note: 12 inches is the default setting.



Caution! Wheel diameter refers to the rear drive wheel. If an incorrect wheel diameter is selected, your motorcycle will still function normally, but the Dash will display an incorrect real-time speed.

- P 03: Transmission Ratio Setting

Enter the Setting interface, use the +/- buttons to switch to P 03. Press the M button to enter the transmission ratio Setting. Use the +/- buttons to adjust the ratio. Press the M button again to save the Setting and exit.

1:6.3 corresponds to 14T/44T front/rear sprockets

1:6.9 corresponds to 14T/48T front/rear sprockets



Controls and Components

- P 04: Motor Magnetic Encoder Zeroing

Enter the Setting interface, use the +/- buttons to switch to P 04. Retract the Side kickstand backward and press the M button to enter the motor magnetic encoder zeroing interface. The motorcycle will move slightly, after which it will display 01 Matching Success or 02 Matching Failure. If it fails, please repeat the above operation.



Note: Motor magnetic encoder zeroing must be completed within 1 min of power-on (rear wheel off the ground, release rear brake).

- P 05: Side kickstand Power-off Protection On/Off

Enter the Setting interface, use the +/- buttons to switch to P 06. Press the M button to enter the Side kickstand power-off protection interface. Use the +/- buttons to select 00 ON or 01 OFF. Press the M button again to save the Setting and exit.



- P 06: Tip-over Protection On/Off

Enter the Setting interface, use the +/- buttons to switch to P 05. Press the M button to enter the motorcycle tip-over protection interface. Use the +/- buttons to select 00 ON or 01 OFF. Press the M button again to save the Setting and exit.



Caution!: After the motorcycle tip-over protection and Side kickstand power-off protection functions are switched off, the Dash will display prompt symbols. This is a normal phenomenon and will not affect normal riding.

Controls and Components

Handlebar Controls



Controls and Components

① Rear Brake Lever

Squeeze the rear brake lever can control the rear brake system to decelerate the speed or stop the motorcycle. When braking, the throttle should be in the closed position, and the brake lamp will light up.

② Setting

Dash setting button. It's not available during the riding. Keep pressing Setting to enter into the dash setting interface. See description and operation for "Dash Overview" on page 19.

③ Headlight Switch

Press to turn on the high and low beam. Switch to close position to turn off the head light, only the day time running light is on.

④ Horn Button

When the motorcycle is powered on, the horn A sounds when the horn button is pressed. Electric vehicles run quietly; the horn can be used to warn pedestrians or other motorists of your presence.



⑤ M Button

See description and operation for "M Button" on page 20.

⑥ Front Brake Lever

Squeeze the front brake lever can control the front brake system to decelerate the speed or stop the motorcycle. When braking, the throttle should be in the closed position, and the brake lamp will light up.

⑦ START Button

See description and operation for "Starting" on page 26.

⑧ Throttle

Twist the throttle in a counter-clockwise rotation to energize the motor and start the motorcycle in a forward direction. Release the throttle and it snaps back to the closed position, de-energizing the motor, the motorcycle will keep moving forward because of the inertia. When the regen is level II or higher levels, the regenerative braking will be activated. Regenerative braking takes some of the energy from the moving motorcycle and turns it back into electrical energy. This energy is then stored in the battery, contributing to increased energy efficiency. A slight drag is felt when the regenerative braking is activated. If you want to coast without the regenerative braking, please select regen level I.





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Starting and Operating

Pre-Ride Inspection

Before operating your Talaria xXx Motorcycle, check the following to make sure the motorcycle is secure and intact:

Battery: Make sure the charge indicator on the dash is indicating a charged battery. We suggest you recharge before use. Always keep the charger available.

Brakes: Squeeze the left and right brake levers individually while pushing the motorcycle to see if it rolls. You should be able to lock-up the wheels completely by applying the brakes.

Throttle: Make sure the motorcycle is not powered on, apply the throttle and release to verify that the throttle is smooth and returns correctly.

Tires: Check both tires for condition and tread depth. Check cold tire pressure frequently. Check for damage and alignment. Maintain correct tire pressure as specified to be both front and rear tire 225KPa. Replace the tires when the tread height is worn 2/3 or more.

Electrical System: Check for correct function of the headlight and the brake/tail lights.

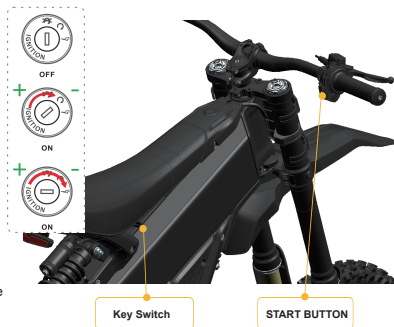
Starting and Operating

Operating Your Motorcycle

Starting

Insert the key. Turn the key clockwise to "ON" position. Once the motorcycle is powered on, "WAIT" will show on the dash. After you well seat on the motorcycle, and with the side kickstand up, press the start button, there will have "READY" to show on the dash to indicate the motorcycle is ready to ride, and twist the throttle toward you (counter-clockwise) to increase speed.

Remarks: The side kickstand is equipped with a power off sensor. It's used to cut the power supply when the side kickstand still stands your motorcycle, so that to prevent any accidents or injuries by maloperation. Therefore, when the side kickstand stands your motorcycle, twist the throttle will not have power output, and the motor will not run.



Speed Control: Twist the throttle in a counter-clockwise rotation to energize the motor and start the motorcycle in a forward direction. Twist the throttle in a clockwise rotation to de-energize the motor. Release the throttle and it snaps back to the closed position, the motor stop working.

Caution: Progressive use of the throttle is strongly recommended; aggressive use will cause malfunction or even damage the throttle.

Braking: On the right handlebar is the hand operated brake lever for front brake. The brake lever controls the front brake when the lever is squeezed. On the left handlebar is the hand operated brake lever for rear brake. The brake lever controls the rear brake when the lever is squeezed. When braking, the throttle should be in the closed position.

WARNING! You need to control the brake level squeeze force accordingly, and if you apply the front or rear brake hard enough, it is possible to lock the wheels. This could cause you to lose control of the motorcycle and could lead to serious injury or death. Progressive use of the brakes should bring the motorcycle to a complete stop without locking the wheels. Your Talaria xXx Motorcycle is a light-weight performance product and therefore practice is strongly recommended to perfect safe emergency stops.



Starting and Operating

Precautions For Riding

1. In the premise of ensuring safety, ride smoothly as far as possible, and avoid sudden acceleration or deceleration, so as to save electricity, protect components, and improve the endurance mileage and electric motorcycle service life.
2. Sideslip may easily happen on wet roads in rainy or snowy days. Please stay focus and be responsive. Brake function may be slightly compromised after the electric motorcycle is washed or ridden through puddles. In this case, ride slowly and be careful. Brake gently for several times until the brake goes back to work normally.
3. Please avoid riding in heavy rain or water. If the water level is higher than the wheel center, it may adversely affect the motor and brake. The electric motorcycle can be used in rainy and snowy days, and long-time deep wading must be avoided. Once the water depth exceeds the height of controller and other electrical components, damages may be caused to the electrical components.
4. The kickstand is only used for standing the motorcycle. Do not sit on the motorcycle when the kickstand stands the motorcycle, or it may be damaged.
5. Do not park the motorcycle at a place where the ground is tilted or soft, or it may cause the motorcycle to fall over.
6. The motorcycle contains a lot of electrical components. Please avoid long-time exposure to rain or using high pressure washer to rinse the parts with electrical components.

Parking

1. Pay attention to your back and slow down to approach the parking site.
2. Apply the brake to park the electric motorcycle, release the throttle, turn off the Key Switch and remove the key after the electric motorcycle stopped.
3. After parking, swing out the kickstand to stand the electric motorcycle. Make sure you have turn off the electric motorcycle, and well lock the steering lock (if equipped) before leave and take the key with you.



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Starting and Operating

Front Fork & Rear Shock Absorber

The front fork and rear shock absorber play the buffer role, they are important to enable your riding to be stable and comfortable, even there are bumps on the road.

The adjustments and maintenances for forks and shock absorbers differ among the brands. Please follow the fork and shock absorber user's manual, which is shipped together with the motorcycle.





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Charging and Battery Information

Powertrain Basic Information

Talaria xXx Mini powertrain's voltage is 60V, and the power cables are in orange color. When you use, maintain, or repair the motorcycle, please make sure the electrical isolations for the power cables, and other electronic parts are in good condition.

Caution:

It is strictly prohibited for untrained people to disassemble the motor, otherwise it may cause the change of magnetic encoder's electrical angle, or damage the motor's sealing. This will lead to motor malfunction and damages.

Controller is the high voltage precise part, it is strictly prohibited for untrained people to disassemble the controller. Incorrect wire connection will lead to controller damages or even electric shock.

It is strictly prohibited for untrained people to disassemble the powertrains. It is strongly recommended to obtain the maintenance or repairing service from Talaria dealers' network.

When the powertrain works, the power cable will transfer heavy current. Therefore, all the power cables need to be properly connected, and must make sure the fasteners for the power cables meet the required torque standard.

Charging and Battery Information

Battery

Battery Basic Information

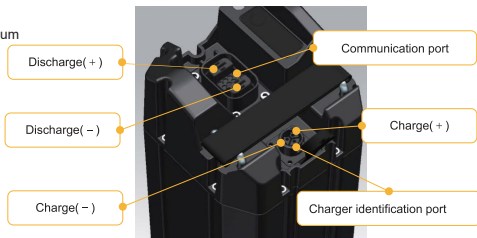
Talaria xXx Mini electric motorcycle uses high-performance high-rate lithium battery with a safe voltage of 60V. The battery can be used at the temperature of -20°C – 60°C , optimally at 10°C – 30°C . Too low or too high temperature will adversely affect the performance and lifetime of the battery, so please do not use it at a temperature beyond this range.

Warning:

1. Do not charge the battery under 0°C , or it may lead battery damage. Please wait until the battery temperature rises.
2. Too low temperature will affect the battery performance, leading to a drop of endurance mileage. It will go back to normal when the temperature rises.
3. The battery is equipped with well-improved protection function, enable it avoid any damages arising from overcharge and over discharge. However, over discharge will affect the battery performance. Please charge the battery promptly in the case of low battery.
4. Please charge the battery frequently. The lithium battery used in your motorcycle is with no memory setting, so it can be charged at any time, which is also favorable for the battery to stay healthy.
5. In case of long-term storage, charge the battery to about 50%, disconnect the discharge plug. Charge the battery once for every 3 months to prevent it from inactivity and avoid degradation of performance.

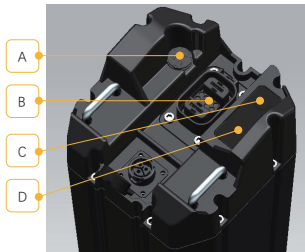
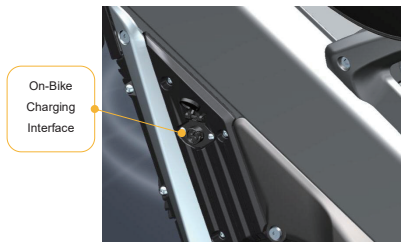
Caution:

Sideslip may happen in the case that only apply front brake or rear brake. It is safer to apply combined braking. When the motor temperature and controller temperature is high, or the battery power is too low, the power output will automatically decrease. This is not a malfunction. After the temperature back to be normal, the motorcycle will automatically have the full power output again.



Charging and Battery Information

Battery Charging and Charger Usage



- A: Breather Valve
- B: Battery Discharge Port
- C: Activating Button
- D: Battery Indicator

1. Your motorcycle uses a customized lithium-ion battery charger. Do not use other chargers, or it may lead to battery damage or danger.
2. Check whether the input voltage of the charger is consistent with the grid voltage AC110V/AC230V.
3. Please press the power button near the NFC sensing area, and then put the charger DC output into the battery charging port on the left side of the vehicle. Concerning the battery removed from the car, insert the DC output plug of the charger into the battery charging port. (If it cannot be charged, please press the activating button on the battery.) Connect the AC end of the charger to the socket. (Please confirm the model and power of the socket are corresponding with the model and power of the charger, which would not affect normal charging.).
4. When charging, the charger and battery charging interface must be connected properly before connecting the charger to the grid socket. After charging, disconnect the charger and grid socket first, and then disconnect the charger and battery after the indicator light goes out. If you plug the



Charging and Battery Information

charger into the grid socket first, and then, please be sure to connect the charger and battery charging interface properly within 3 seconds. Otherwise, the battery cannot be detected, the charger will run the protection setting, and automatically shut down!

5. When the red indicator of the charger flashes, it indicates that charging is ongoing. When the green indicator of the charger is on, it indicates that the battery is fully charged. Usually, the charging time will be 2~4 hours to fully charge the battery, it will depend on the SOC of the battery and the user's choice of charger.
6. The charger will shut down automatically after the battery is fully charged. But it's strongly suggested that always avoid connecting the charger to the grid socket for a long time, which shall not exceed 6 hours.
7. It is strictly prohibited for untrained people to disassemble the battery, otherwise, may lead to battery damage and danger.
8. When the battery enters inactive status, it can be activated with the activating button or by connecting the charger.

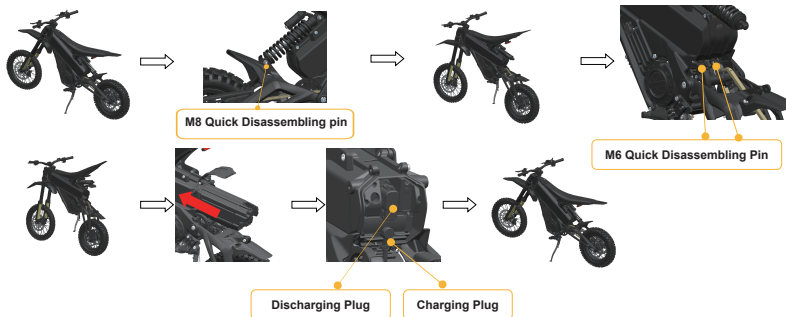
Charging Precautions

1. When charging, please park your motorcycle or put battery in a safe place out of the reach of children.
2. The internal temperature for the battery which has just been discharged is high. Do not charge it immediately. It's recommended to charge the battery after ventilation and heat dissipation for 30 minutes.
3. Avoid using the battery immediately after it is fully charged. Let it stand for 10 minutes before using.
4. It is strictly prohibited to cover the charger with any object when using it. This charger is for indoor use. Please use it in a dry and well-ventilated place.
5. In case you find peculiar smell or high temperature during charging, or the battery is not fully charged after charging for a long time, please stop charging immediately and send it to the local dealer for maintenance.

Charging and Battery Information

Battery Installation and Remove

1) Battery Installation



1. Place your bike on the stand. Disassemble the pin, which fixes the lower end of the rear shock absorber on the rear fork.
2. Disassemble the two M6 quick disassembling pins (no need to completely disassemble the pins, just loosen them to open the battery container cover is fine) to open the battery container cover.
3. Install the battery into the battery container as shown in the above picture. Connect the discharging plug and charging plug properly.
4. Close the battery container cover, assemble and fasten the two M6 quick disassembling pins. And finally, assemble and fasten the M8 quick disassembling pin.

Caution: Please ensure the discharging plug and charging plug are well connected. Otherwise, may lead to battery activation failure, and your bike will not work, or On-Bike charging failure.

Charging and Battery Information

Warning: If you will do **STUNT** or **OFF-ROAD** riding, it's a must-do to use the M8 pin instead of the M8 quick disassembling pin.

2) Battery Remove



1. Power off your bike, and place it on the stand. Disassemble the M8 quick disassembling Pin or the M8 pin, which fixes the lower end of the rear shock absorber on the rear fork.
2. Disassemble the two M6 quick disassembling pins (no need to completely disassemble the pins, just loosening them to open the battery container cover is fine) to open the battery container cover.
3. Disconnect the discharging plug and charging plug, then, pull out the battery as shown in above picture.

Remarks: If there're no other operations for a short time, It's suggested to assemble and fasten the M6 and M8 pins continuously. Then, use the side kickstand to stand your bike.



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Malfunction Inspection and Troubleshooting

Precautions for High Voltage Electrical Components

Your Talaria xXx Motorcycle contains high voltage electrical components. These components is dangerous and can cause personal injury, severe burns, electric shock or even fatal injury unless appropriate preventive measures are taken.

Always follow the instructions on the label of each electrical component, which is very important for your safety.

Do not touch, attempt to remove or replace any high-voltage components, cables (identified by orange outer protection) or connectors. In the event of an accident with the electric motorcycle, do not touch any high-voltage cable connector or assembly connected to the cable. In case of fire of the electric motorcycle, use a carbon dioxide or class-D dry chemical fire extinguisher to put out the fire. After the fire is extinguished, please do not start the bike, and send it to the authorized dealer to repair.

Warning: Your motorcycle works on high voltage. During and after the start-up and when your motorcycle is powered off, the high voltage components may be too hot to touch by hand. Pay attention to high voltage and high temperature. Follow the label instructions everywhere on your motorcycle.

Warning: The high-voltage components of the motorcycle is maintenance-free to customers. Disassembly, removal or replacement of high-voltage components, cables or connectors may cause severe burns or electric shock, which may lead to severe injury or death. High-voltage cables are made in orange for easy identification (see response information in the latter section of this manual).

Remarks: All the motorcycles have been carefully inspected before delivery. But there will inevitably be some technical problems even after inspection. The following information serves as a guide to help you identify the problem and repair it by yourself if possible. If you cannot solve the problem, please send it to an authorized dealer for solution.

Malfunction Inspection and Troubleshooting

General Troubleshooting

Failure	Possible Cause	Suggested Solution
Motorcycle cannot start	1. The battery is out of power; 2. Didn't press the power button to power on the motorcycle; 3. Motor phase wires are incorrectly connected or loose.	1. Charge the battery. 2. Press the power button to power on the motorcycle. 3. Check the U, V and W phase wires connections.
charger doesn't work.	No AC power supply.	Check whether the AC power supply socket work correctly or it's broken.
Handlebars shake	Incorrect tire pressure.	Inflate the tires with suggested tire pressure.
	Deformed front tire	Replace the front tire with the factory stock front tire.
	Worn Tire (tire tread is over worn)	Relace the tire(s) with the factory stock tire(s).

Dash Error Codes, Failures and Troubleshooting

IN	Error Code	Failure	Possible Cause	Suggested Solution	Remarks
1	E01	Protection IC failure	The inner communication of the chip is disconnected	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.
2	E02	Battery Cell disconnection	The cell is not firmly welded, resulting in dry joint or fracture of connecting piece and poor contact of data collecting wire.	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.
3	E03	Unbalanced battery cell voltage	The battery cell voltage difference is more than 500mV will have the error code show on the dash.	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.
4	E05	Storage error	Storage devices got failure.	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.
5	E06	Clock error	Clock device got failure	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.

Malfunction Inspection and Troubleshooting

6	E07	Discharge MOS error	Discharge circuit got failure	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.
7	E08	Charging MOS error	Charging circuit got failure	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.
8	E09	Overcharge error	1. Charging voltage is higher than single battery cell's over charge protection voltage 4250mV. 2. BMS misinformation.	Restarting	This error will not affect the motorcycle riding, but will have the charging unavailable. If the error code still shows, send the motorcycle to the nearest dealer for service.
9	E10	Level 1 over discharge	Over discharge caused low battery protection error	Charge the battery immediately.	
10	E11	Level 2 over discharge			
11	E12	Level1 over discharge current	Discharge current is greater than the level 1 overcurrent protection setting.	Stop the over current discharge or reduce the discharge current for 1 minute, the error will disappear automatically.	If the error code still shows, send the motorcycle to the nearest dealer for service.
12	E13	Level2 over discharge current	Discharge current is greater than the level 2 overcurrent protection setting.	Stop the over current discharge or control the discharge current less than 110A, or check whether there's the short circuit? If yes, eliminate the short circuit.	If the error code still shows, send the motorcycle to the nearest dealer for service.
13	E14	Over charging current error	The charging current is greater than the protection setting.	Check whether the charger is the right stock charger to match the battery.	If error still show with the matched stock charger, send the motorcycle to the nearest dealer for service.
14	E15	Soft start failure	When the battery is connected with load, the external load capacitance is too large, resulting in failure to start directly.	Please power on and start the motorcycle according to this owner's manual.	
15	E16	Overtime pre-charge error	1. BMS fault. 2. Charger is damaged or does not match.	Replace a stock charger	If the error code still shows, send the motorcycle to the nearest dealer for service.
16	E17	MOS temperature sensor error	Caused by MOS temperature sensor failure.	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.
17	E18	Battery cell temperature sensor error	Caused by battery cell temperature sensor failure.	Restarting	If the error code still shows, send the motorcycle to the nearest dealer for service.
18	E19	Battery discharging overtemperature	the battery's inner temperature is overheated when it's discharging.	Stop riding your motorcycle until the discharge overtemperature protection unlocked.	It's strongly suggested to follow this owner's manual to use your motorcycle.
19	E20	Battery charging overtemperature	The high battery cell temperature caused this error.	Stop charging until the charging overtemperature protection unlocked.	It's strongly suggested to follow this owner's manual to use your motorcycle.

Malfunction Inspection and Troubleshooting

20	E21	Battery discharging low temperature	When the battery is discharging, if the temperature is too low, the battery will carry out the low temperature protection function.	Stop riding your motorcycle until the low temperature protection unlocked.	It's strongly suggested to follow this owner's manual to use your motorcycle.
21	E22	Battery charging low temperature	When the battery is charging, if the temperature is too low, the battery will carry out the low temperature protection function.	Stop charging the battery until the low temperature protection unlocked.	It's strongly suggested to follow this owner's manual to use your motorcycle.
22	E23	Discharging MOS overtemperature	MOS overtemperature which is caused by battery discharging.	Stop riding your motorcycle until the overtemperature protection unlocked.	It's strongly suggested to follow this owner's manual to use your motorcycle.
23	E24	Charging MOS overtemperature	MOS overtemperature which is caused by battery charging.	Stop charging the battery until the overtemperature protection unlocked.	It's strongly suggested to follow this owner's manual to use your motorcycle.
24	E25	Soft-start circuit overtemperature	If the temperature is high when use the soft-start, will cause the discharging MOS not work, and lead the entire soft-start circuit to be overtemperature.	Stop riding your motorcycle until the overtemperature protection unlocked.	
25	E26	Storage error	It's caused by the faulty operation during the production.	Send your motorcycle to the nearest dealer to repair.	
26	E29	Level 3 over current error	Short circuit in the external circuit causes this error.	Inspect and eliminate the short circuit.	If the error code still shows, send the motorcycle to the nearest dealer for service.
27	E30	Level 4 over current error			
28	E31	Setting error	It's caused by the faulty operation during the production.	Send your motorcycle to the nearest dealer to repair.	
29	E33	Controller phase wire over current	Controller phase wire current is equal or greater than the protection setting.	1. Power off your motorcycle, check the whether the motor phase wire terminal got loose, or broken. And then, check whether the motor outlet phase sequence corresponds to the U / V / W on the controller. Finally, check whether the magnetic encoder output wire corresponds to the yellow, green and blue wires on the harness assy. 2. Check whether anything stuck the rear wheel.	If the error code still shows, replace the magnetic encoder or send the motorcycle to the nearest dealer for service.
30	E34	Controller busbar over current error	Controller busbar current is equal or greater than the protection setting.	1. Power off your motorcycle, check the whether the motor phase wire terminal got loose, or broken. And then, check whether the motor outlet phase sequence corresponds to the U / V / W on the controller. Finally, check whether the magnetic encoder output wire corresponds to the yellow, green and blue wires on the harness assy. 2. Check whether anything stuck the rear wheel.	If the error code still shows, replace the magnetic encoder or send the motorcycle to the nearest dealer for service.
31	E35	Controller MOS error	Controller MOS welding loose or MOS is broken.	Replace the controller or send the motorcycle to the nearest dealer for service.	

Malfunction Inspection and Troubleshooting

32	E36	Tip-over sensor error	1. The electric motorcycle tipped over. 2. Tip-over sensor got a poor contact, or tip-over sensor broken.	1. Power off your motorcycle, and straighten it. 2. Restart your motorcycle, and the fault is eliminated.	If the error code still shows, send the motorcycle to the nearest dealer for service.
33	E37	Throttle error	1. Throttle connection loose. 2. The throttle didn't snap back to the close position before start. 3. The throttle is broken.	1. Check the throttle connection is loose or broken. 2. Make sure the throttle snap back to the close position before start. 3. If still have the throttle error. Then, just replace a new throttle.	
34	E38	Low battery protection	When the battery is low, the low battery protection will run automatically.	Charge the battery immediately.	
35	E39	Over voltage protection	When the voltage of the battery is equal or greater than the protection setting, the over voltage protection will run automatically.	Please be sure to use Talaria's stock battery.	If the error code still shows, send the motorcycle to the nearest dealer for service.
36	E40	Magnetic encoder error	Magnetic encoder got a poor contact or it's broken.	Check whether the magnetic encoder got a poor contact or is broken? If yes, repair or replace it.	If the error code still shows, send the motorcycle to the nearest dealer for service.
37	E41	Motor phase wire error	Motor phase wire loose or incorrect connection caused the error.	Power off your motorcycle, check the whether the motor phase wire terminal got loose, or broken. And then, check whether the motor outlet phase sequence corresponds to the U / V / W on the controller. Finally, check whether the magnetic encoder output wire corresponds to the yellow, green and blue wires on the harness assy.	If the error code still shows, send the motorcycle to the nearest dealer for service.
38	E42	Motor overtemperature error	Long-time high-power output leads to motor overtemperature to cause the error. Or the temperature sensor got poor connection or damaged.	Stop riding your motorcycle after the overtemperature protection unlocked. Or check whether the magnetic encoder's connection loose. Or replace the magnetic encoder.	If the error code still shows, send the motorcycle to the nearest dealer for service.
39	E43	Motor temperature sensor error	Long-time high-power output leads to motor overtemperature to cause the error. Or the temperature sensor got poor connection or damaged.	Stop riding your motorcycle after the overtemperature protection unlocked. Or check whether the magnetic encoder's connection loose. Or replace the magnetic encoder.	If the error code still shows, send the motorcycle to the nearest dealer for service.
40	E44	Controller overtemperature error	Long-time high-power output leads to controller over temperature.	Stop riding your motorcycle after the overtemperature protection unlocked. If the error still shows, replace a new controller.	
41	E45	Controller temperature sensor error	Long-time high-power output leads to controller overtemperature to cause the error. Or the temperature sensor got poor connection or damaged.	Stop riding your motorcycle after the overtemperature protection unlocked. If the error still shows, replace a new controller.	
42	E46	Current sensor error	Current sensor failure causes the error.	Send the motorcycle to the nearest dealer for service.	

Malfunction Inspection and Troubleshooting

43	E47	Motor lack of phase	1. Didn't press the power button. 2. Motor phase wires (U/V/W) loose or incorrect connection.	1. Press the power button to restart your motorcycle. 2. Power off your motorcycle. Then, check the whether the motor phase wire terminal got loose, or broken. And then, check whether the motor output phase sequence corresponds to the U / V / W on the controller. Finally, check whether the magnetic encoder output wire corresponds to the yellow, green and blue wires on the harness assy.	If the error code still shows, send the motorcycle to the nearest dealer for service.
44	E48	Motor locked-rotor protection error	If the rear wheel is stuck, and cannot rotate, or the motor, gearbox, brake, chain is stuck, will cause the discharge current load to be equal or greater than the protection setting. Then, cause the error.	1. Power off your motorcycle, put it on a stand, check whether the rear wheel can rotate normally, if anything stuck the rear wheel, please eliminate it. And please also check whether there're things stuck the motor, gearbox, chain and brake. If yes, please eliminate it. 2. Choose the right ground to ride your motorcycle.	If the error code still shows, send the motorcycle to the nearest dealer for service.
45	E49	Communication error	CAN communication wire loose, fall off or hardware failure.	Power off your motorcycle, check all the CAN connections on your motorcycle to see whether there's the loose or damages (Dash connection, controller connection, battery communication connection). These 3 positions have CAN connections). If there's the loose or damages, just repair them, and re-start your motorcycle, the error will be solved.	If the error code still shows, send the motorcycle to the nearest dealer for service.



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Warranty

Warranty Description

Dear customer:

For your rights and interests, please keep this owner's manual properly. Please inspect and test the motorcycle when you purchase, and ask the salesman to offer valid invoice, warranty card, repair addresses, contact phone number, and other information.

If you find any problems while using the motorcycle, you are entitled to get the after-sale service accord to the warranty policy from the dealer, where you ordered the motorcycle, by providing the purchase invoice and warranty card.

If the any parts fail during the warranty period and cannot be used normally after maintenance, they will be replaced free of charge.

Caution: Any failures caused by abuse use, or DIY, it will enable the warranty to be invalid.

For any cross-border purchases, will cause the local distributor or dealers not fulfil the warranty, therefore, we strongly suggest to order from the authorized local dealers.



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Maintaining Your Motorcycle

Owner's Responsibilities

Listed below are the responsibilities afforded to the owner:

- This Owner's Manual should be considered a permanent part of this motorcycle and should remain with it even if the motorcycle is subsequently sold.
- Perform routine care and maintenance of your electric motorcycle as detailed in this Owner's Manual.
- Use only Talaria approved parts and Talaria Motorcycles accessories.
- The operator is responsible for learning and obeying all country, federal, state, and local laws governing the operations of an electric motorcycle.
- Always wear a regionally approved helmet, goggles, appropriate boots, and all other appropriate safety equipment when operating an electric motorcycle.

Scheduled Maintenance

To prolong the lifetime of your motorcycle and ensure a safe and comfortable riding, regular inspection and maintenance is recommended. If motorcycle do not use for a long term, it should also be inspected regularly

The first inspection and maintenance for a new motorcycle should be done after running for 300KM.

Pay attention to safety when you inspect or maintain the motorcycle.

Park the motorcycle at an open and flat ground.

Any issues are found during the riding and need to be inspected, it's strongly suggested to find a safe ground to carry out the inspections, and pay attention to the surroundings.

Any issues found through the inspection should be eliminated before you ride the motorcycle. If it is difficult to solve it by yourself, please send the motorcycle to the nearest dealer for service.

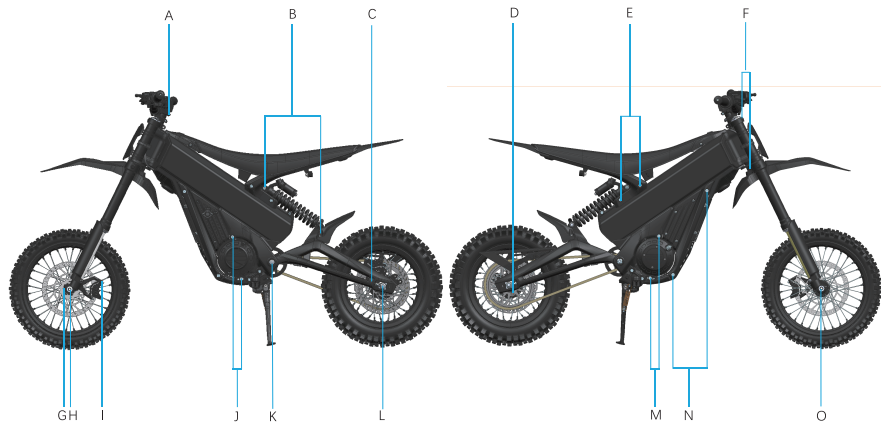
CAUTION:

The front and rear brakes are disc brakes. If the brake pads are severely worn, shall replace them in time.
Keep the disc brake system clean in daily use to avoid sand accumulation for a long time, especially oil stain.

Maintaining Your Motorcycle

Components Fasteners

Please follow the fasteners torque table to do regular inspection and maintenance for components fasteners.





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Maintaining Your Motorcycle

Item	Description	Torque (Nm)	Standard
A	Handlebar fixing bolt	10	M6×40
B	Rear shock absorber fixing bolt	28-32	M8×55
C	Rear brake disc fixing bolt	10	M6×12
D	48T sprocket fixing bolt	28-32	M8×20
E	Seat bolt fixing bolt	28-32	M8×25
F	Front fork fixing bolt	10	M6×20
G	Front brake disc fixing bolt	10	M5×12
H	Front wheel axle	15	M14×1.5×173
I	Brake clipper fixing bolt	10	M6×40
J	Motor left side fixing bolt	28-32	M8×30
K	Rear fork axle	45-55	M10×1×220
L	Rear wheel axle	50-60	M12×1.25×203
M	Motor right side fixing bolt	28-32	M8×20
N	Controller fixing bolt	28-32	M8×25
O	Front wheel axle set bolt	10	M6×20



Maintaining Your Motorcycle

Parts/Maintenance Items

Front Fork Inspection: Check the front fork for any bending, deformation, damages, looseness, oil leakage and other faults. Press the handlebar up and down to check for any abnormal sounds caused by front fork fault.

Brake Inspection:

1. Check whether the free clearance of the brake lever is within the specified range (15-30mm). If the measured result does not meet the requirement, it shall be adjusted.
2. When driving at low speed on a dry and flat road, use the front and rear brakes respectively to check whether the brakes work correctly.

Inspection For Tire and Other Parts:

1. Inspect the air pressure with a tire barometer when the tire is in normal temperature status.
2. Inspect the tire for any cracks, damages, foreign matters and abnormal wears.
3. Inspect whether the spokes are loose.
4. Inspect the tension of the chain. The chain should move 10-25mm for free play.

Caution: Stones, glass, nails and other foreign matters on the ground will easily damage the tire as tire contact with the ground for a long-term. When riding, make sure to observe the road surface to avoid the places where the tire may be damaged. In addition, regularly check the tire for any obvious cracks and other damages, whether it has been penetrated by stones, glass and other foreign matters, and whether there are abnormal wears.

Inspection For Tire Tread Depth:

Check the tire wear and the tread depth. Replace the tire if 2/3 of the tread are worn off. When the tire makes abnormal noise and swings during riding, please send the motorcycle to the nearest dealer for inspection and maintenance. It is recommended to set the locking torque of the rear fork axle as 45-55N.m and the locking torque of rear axle nut as 50-60N.m. The locking torque of the front wheel axle is 15N.m.

Caution: Hold the brake lever tightly. If the brake still can't achieve the ideal braking function, check whether the brake disc is clean. If the problem is still not solved, send the motorcycle to the nearest dealer for inspection and maintenance.

Battery Inspection:

The motorcycle equipped with a sealed lithium-ion battery. Fully charge the battery before inspection, and then use a multimeter to measure the voltage for cathode and anode. The full voltage should be between 65.5-67.2. Otherwise, please send the motorcycle to the nearest dealer for inspection and maintenance.

Maintaining Your Motorcycle

Caution: Please power off the motorcycle before removing or installing the battery. If the battery cannot be pushed in, do not operate it by force. Pull out the battery and check whether it is stuck by something.

Inspection For Brake Oil Level

Inspect the brake oil level for front and rear brake through the brake oil view lens. If the brake oil level is low, then, need to open the brake oil container cap to add the specified mineral oil for the disc brake.

Remarks: Before inspecting the brake oil level, the motorcycle should remain upright.

1. Remove the two M3 screws from the brake oil container cover (As the right picture shows).
2. Add the specified mineral oil (Type No.: **HF10-2**) for disc brake.
3. Check the sealing cover for any wears or damages, and make sure it's in the correct position.



CAUTION:

Do not spill the brake oil on the paint surface; otherwise, it may cause cracks on the surface of the paint parts.

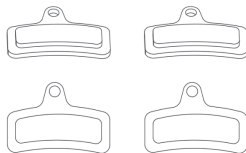
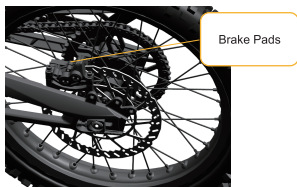
Before removing the brake oil container cover, be sure to place a clean rag under the brake oil container.

Low brake oil level, may be caused by brake pad wear or leakage of hydraulic system. Check the brake pads for wear and/or the hydraulic system for leakage before riding. Add the specified mineral oil for disc brake. Do not use other kinds of brake oil. Fixing the brake oil container cover and tighten the M3 screws. The tighten torque is 1.5N.m.

Maintaining Your Motorcycle

Inspection for brake pads

Check the brake pads and visually check the brakes by observing the remaining brake pad materials on both sides of the brake caliper.



Brake Pads

Replace the brake pads when the free clearance of the brake lever exceeds the specified range (15–30mm), or the total thickness of brake pads is less than 3 mm.

Inspection for brake disc

Inspect the thickness of the brake disc regularly and replace the disc if the thickness is less than 1.9mm.

WARNING! When use new brake discs or new brake pads, at first, it should be lightly squeeze and hold the brake for so as to generate appropriate braking friction.



Maintaining Your Motorcycle

Tire Inflation

WARNING! Under-inflation is a common cause of tire damages and may result in severe tire cracking, tire tread separation, "blowout", or unexpected loss of motorcycle control, causing serious injury or death.

Tire pressure should be inspected and adjusted to the proper tire pressure levels before each ride. Tire pressure should be inspected by using an accurate barometer when the tire is in normal temperature status. Always replace the valve stem cap when finished adjusting tire pressures.

Front tire: 225Kpa; Rear tire: 225Kpa

Cleaning The Drive Chain

WARNING! Always wear safety glasses when cleaning the chain to prevent eye injuries.

WARNING! Never place your hand between the chain and sprockets. Work with the chain only in the middle between the two sprockets; failure to do so could result in serious injury.

WARNING! Do not allow any of the drive chain cleaner to get on the brake rotors or brake pads. If the brake rotors or brake pads are contaminated with cleaner, it will impair the motorcycle's ability to stop. This could result in serious injury or death.

WARNING! Never have the motor spin the wheel during cleaning. Turn the wheel only by hand. Failure to do so could result in serious injury or death. Follow the manufacturer's instructions for the chain cleaner you are using; below are the general guidelines.

1. Power off the motorcycle before you clean the driving chain.
2. Set the motorcycle on a stand or lift so the rear wheel is free to spin. While turning the wheel by HAND, spray the inside of your entire chain with a good coating of chain cleaner and let it sit for a few minutes.
3. Using a brush, fill the bristles with spray from the chain cleaner. Begin gently scrubbing the chain on the top of your swingarm by using the brush.
4. Do this for the entire length of the chain. Now do the same thing for the inside/bottom of the chain.



Maintaining Your Motorcycle

5. Using the brush, clean both sides of the rear sprocket. Let this soak for 5 minutes.
6. Using a water hose, rinse the entire chain. Then, using a clean rag, wipe any residual moisture from the chain.

Drive Chain Lubrication

WARNING! Always wear safety goggles when lubricating the drive chain to prevent eye injuries.

WARNING! Never have the motor spin the wheel. Turn the wheel only by hand. Failure to do so could result in serious injury or death.

WARNING! Never place your hand between the chain and sprockets. Work with the chain only in the middle between the two sprockets. Failure to do so could result in serious injury or death.

WARNING! Do not allow any of the lubricant to get on the brake discs or brake pads. If the brake rotors or brake pads are contaminated with lubricant, it will impair the motorcycle's ability to stop. This could result in serious injury or death.

Follow the manufacturer's instructions for the chain cleaner you are using; below are the general guidelines. Do not allow any of the lubricant to get on the brake discs/brake pads.

1. Turn the wheel backwards slowly and spray the lubricant on the inside of the chain links.
2. Turn the wheel backwards slowly and spray the lubricant on the outside of the chain links.
3. Let the electric motorcycle stand for 30 minutes to allow the lubricant to penetrate the links.

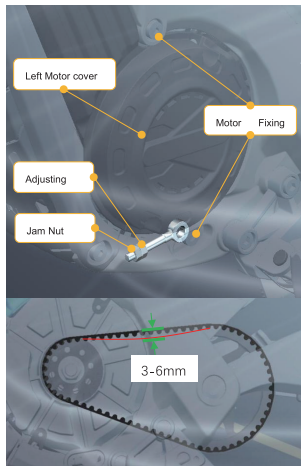
Maintaining Your Motorcycle

Belt Adjustment

1. Power off the motorcycle, place the motorcycle on the stand.
2. Disassemble the left side motor cover, and inspect the whether the belt moves 3-6mm as a free play.
3. Loosen the motor fixing bolts in both left and right sides.
4. Loosen the jam nut.
5. Rotate the adjusting nut, until the belt moves 3-6mm as a free play.
6. Tighten the motor fixing bolts in both left and right sides.
7. Tighten the jam nut.
8. Ride the motorcycle slowly to test whether the belt tension adjustment is well done.
9. After the test riding, please check whether the belt's tension is fine? If it's necessary, adjust the tension of the belt again.

Caution: Please make sure the belt positioned in the middle of both front and rear pulleys. Otherwise, the belt is easy to get friction with the edge of the pulley, and this will lead to odd noise, belt abnormal wear or damage.

Please make sure the belt's tension is in the right setting. The belt's free play move should be within 3-6mm. Otherwise, the tension of belt will be tight or loose, and this will lead to odd noise, belt abnormal wear or damage.

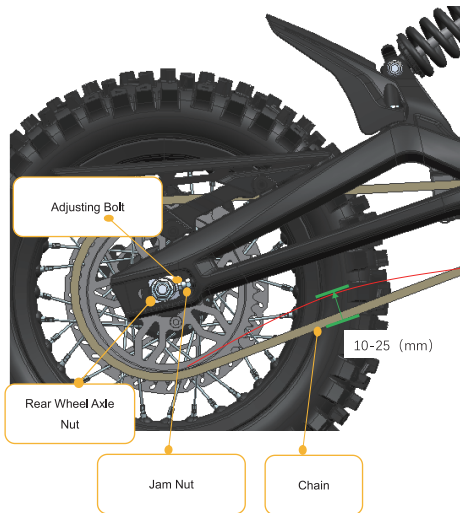


Maintaining Your Motorcycle

Driving Chain Tension Adjustment

1. Power off the motorcycle and place it on the stand.
2. Then, loosen the rear wheel axle nut on the right side.
3. Loosen the jam nuts on both left and right sides.
4. Loosen the rotate adjusting bolts on both left and right sides 1/4 turn at a time until the chain moves 10-25mm as a free play.
5. Tighten the rear wheel axle nut on the right side.
6. Tighten the jam nuts on both left and right sides.
7. Ride the motorcycle slowly to test whether the driving chain tension adjustment is well done.
8. After the test riding, please check whether the drive chain's tension is fine? If it's necessary, adjust the tension of driving chain again.

Remarks: After the adjustment, the marks on the left and right tensioners must align with the tik mark on the rear fork.





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Maintenance Record

Scheduled Maintenance

The required maintenance schedule that follows, specifies how often you should have your Talaria xXx Motorcycle serviced and what items need attention. It is essential to have your Talaria xXx Motorcycle serviced as scheduled to maintain safe, dependable performance.

The service intervals in this maintenance schedule are based on average riding conditions. Some items will need more frequent service if you ride in unusually wet or dusty areas. Consult your dealer for recommendations applicable to your individual needs and use. It is recommended that you have your Talaria xXx Motorcycle serviced every 12 months by an OFFICIALLY AUTHORIZED Talaria Dealer regardless of the distance ridden.

Maintenance Schedule

The scheduled maintenance must be performed in accordance with this chart to keep the Talaria xXx Motorcycle in top running condition. The initial maintenance is vitally important and must not be neglected. Where time and mileage are listed, follow the interval that occurs first.

Item	Routine	Every	1000KM	6000KM	12000KM	18000KM	25000KM	32000KM
		Ride	1 Month	6 Months	12 Months	18 Months	24 Months	32 Months
Brake (front and rear)	Check brake fluid level. Add brake fluid as necessary.	√	√	√	√	√	√	√
	Check thickness of the brake pads. Replace it as necessary.	√	√	√	√	√	√	√
	Check thickness of the brake discs. Replace it as necessary.	√	√	√	√	√	√	√
	Check brake fluid leakage	√	√	√	√	√	√	√
	Check whether the brake is loose	√	√	√	√	√	√	√



Maintenance Record

	Replace brake fluid				√		√	√
	Check brake levers. Adjust or replace if necessary.	√	√	√	√	√	√	√
Wheels and Tires	Check tire pressure. See page 54. Correct if necessary.	√	√	√	√	√	√	√
	Check tread depth, and for damage. Replace if necessary.	√	√	√	√	√	√	√
	Check when the spokes are loose. Fasten if necessary.	√	√	√	√	√	√	√
	Check whether the front and rear wheels are aligned. Adjust if necessary.	√	√	√	√	√	√	√
	Check bearings for smooth operation. Replace if necessary.		√	√	√	√	√	√
	Check belt tension. See page 56. Adjust if necessary.	√	√	√	√	√	√	√
Belt	Inspect belt for signs of damage or cracking. Replace if necessary.	√	√	√	√	√	√	√
Driving Chain	Check driving chain tension. See page 57. Adjust if necessary.	√	√	√	√	√	√	√
	Driving chain clear and lubricating		√	√	√	√	√	√
Steering Bearings	Check for looseness.	√	√	√	√	√	√	√
	Repack with all-purpose grease.		√	√		√	√	√
Front Fork and Rear Shock	Check operation, Service/adjust/replace if necessary.	√	√	√	√	√	√	√



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Maintenance Record

Absorber (Please also refer to fork and shock absorber manual).	Check oil leakage. Service/rebuild/replace if necessary.	√	√	√	√	√	√	√
Throttle	Check operation. Adjust or replace if necessary.	√	√	√	√	√	√	√
Side Kickstand	Check operation. Adjust or replace if necessary.	√	√	√	√	√	√	√
	Apply silicon grease tightly.		√	√	√	√	√	√
Motor	Check motor phase wire connections. Fasten if it's loose.	√	√	√	√	√	√	√
	Check magnetic coder. Fix if it's loose.	√	√	√	√	√	√	√
Heavy current cables	Check the heavy current cables for damages. Service/replace if necessary.	√	√	√	√	√	√	√
	Check the connections, Fasten if it's loose.	√	√	√	√	√	√	√
Fasteners	Check the fasteners' torque. Fasten if necessary.	√	√	√	√	√	√	√



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Maintenance Record

Maintenance Record Card

Maintenance Record Card			
Date	Odometer reading	Maintenance	Remarks

Customer Information Card

Basic Information	bike Model	xXx Mini ☐	
Owner's Name		Order Date	
VIN			

