

KISBEE



KEEP IT SIMPLE.

BY  **PEUGEOT**
MOTOCYCLES

KISBEE SE

NOTICE D'UTILISATION
OWNER'S MANUAL



Welcome

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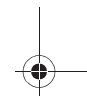
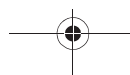
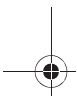


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INFORMATION

You have just bought a Peugeot vehicle.

We would like to thank you for purchasing one of our products.

Please take some time to read this manual carefully before using the vehicle.

This user manual should always be kept in the boot of the vehicle. It contains instructions for use, checks and maintenance of the vehicle, and important safety instructions intended to protect the user and third parties against accidents.

It will give you plenty of advice on how to keep your vehicle in full working order.

Your vehicle is built to last but this does not mean that it does not require a minimum amount of maintenance.

Your authorised dealer is familiar with all the vehicle's characteristics and has genuine spare parts and specific tools. He can advise you and service your vehicle in the best conditions according to the established service schedule to ensure that you can enjoy driving it in complete safety.

This manual must be considered as an integral part of the vehicle and must remain with it even if the vehicle is sold on.

In our permanent concern to make improvements PEUGEOT MOTOCYCLES reserves the right to suppress, modify, or add any reference mentioned. Reproductions or translations, even partial, of this document, are not permitted without the written authorization of PEUGEOT MOTOCYCLES.

INTRODUCTION

Your electric scooter is equipped with a permanent-magnet synchronous motor powered by a removable 48 volt Lithium-Ion traction battery that can be recycled and upgraded at the end of its life.

This zero-emission comes with an energy-recovery system during the deceleration phase that allows current to be fed into the traction battery.

ECUs record, manage and check the driver's orders, the use of electrical power and the operating safety devices.

SAFETY ADVICE

A inexperienced motorcyclist should make himself completely familiar with his vehicle before going out in traffic. You are strongly advised not to lend your vehicle to an inexperienced rider.

To ride a motorbike, you are required by law to hold a licence or to have completed specific training with a professional, depending on the applicable legislation and based on its category.

Wearing an approved helmet and gloves is obligatory for the user and passenger. You are also advised to wear goggles and light-coloured or reflective clothing adapted to motorcycling.

In some countries, the applicable legislation may not authorise transportation of a passenger, and elsewhere it may oblige motorcycle users to contract a civil liability insurance policy to protect third parties and the passenger against potential damage resulting from an accident.

Driving whilst under the influence of alcohol, drugs or certain medicines is inexcusable and dangerous for yourself and others.

Excessive speed is an important factor in many accidents. You must observe the road signs and signals and adapt your speed to the weather conditions.

Luggage carriers and paniers approved by PEUGEOT MOTOCYCLES are available as options (depending on the model). The assembly instructions must be complied with and the maximum permissible load (3 to 5 kg depending on the equipment) must not be exceeded.

Mounting adaptable parts that have not been approved by PEUGEOT MOTOCYCLES, which alter the technical characteristics or performances of the vehicle is forbidden. Any modification will invalidate the warranty and the vehicle will no longer be in compliance with the version approved by the appropriate services.

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Any electrical appliance represents a potential danger. Only a suitably qualified repairer can intervene on your electric scooter.

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Your scooter is powered by a soundless electric motor. You are advised to be vigilant near certain traffic zones such as pedestrian areas or cycle paths. Warn other road users of your presence using the various horns fitted to this vehicle.



A release of gas can take place if one of the conditions below is not met (Abnormal use conditions).

- Overheating of the traction battery following a charging incident or the vehicle being stored at a temperature over 40°C.
- Short circuit between the terminals of the traction battery, a short circuit due to work on the electric harness or one of the vehicle's components.

In this case : You are advised to have the vehicle checked by an authorised dealer.

LITHIUM-ION BATTERIES: LIMIT RISKS AND BE INFORMED OF A PROBLEM

- Have a smoke detector near your charging position;
- If you can, remove all flammable objects around the vehicle or battery;
- Avoid leaving your vehicle or battery unsupervised while charging (you can use a remote-controlled socket which will leave your battery to charge for a certain number of hours);
- Do not charge in a living space if you can avoid it;
- Do not attempt to repair or modify the electrical part of your vehicle or charger;
- Only use the charger and charging cable supplied with the battery;
- If your vehicle or the battery have suffered a significant impact, have them checked by a professional.

If you smell an unpleasant odour, heat or smoke coming from your battery

- Immediately disconnect all power sources;
- If no flames appear, submerge the battery in a tank of water or place your battery in an isolated place and do not use it any more;
- If you have a Lith-Ex fire extinguisher, try to use it WITHOUT PUTTING YOURSELF IN DANGER.

If a fire breaks out

- CALL THE FIRE BRIGADE;
- Immediately disconnect all power sources;
- Do not move the battery. Burning material often sprays out and may reach more than 500°C;
- Do not spray with water unless you have a fire hose;
- Do not breathe in the toxic fumes;
- If the fire breaks out indoors, leave the building and make sure you close the door behind you.
- If you have a Lith-Ex fire extinguisher, try to use it WITHOUT PUTTING YOURSELF IN DANGER.

ENVIRONMENT / RECYCLABLE

Worn parts replaced during routine maintenance (mechanical parts, battery, etc.) must be disposed of with specialised bodies.

At the end of its life, the vehicle must be taken to an authorised centre for recycling.

In all cases, comply with the local laws.



Batteries contain harmful substances. They must be disposed of according to the legal requirements and must under no circumstances be thrown away in the household waste.

Battery storage method

Storage for less than one week:

Park the vehicle on flat, stable ground in a dry, well-ventilated place.

Charge the battery to between 20% and 80% of its capacity before storage to maximise its service life.

Avoid direct exposure to the sun and rain to reduce the damage caused by the weather and ageing.

Storage for more than one week:

If your vehicle is immobilised for more than one week, remove the battery from the vehicle and store it in a safe place away from flammable objects.

You are advised to store the battery with a level of charge between 20% and 80%.

Check the charge level at least every 2 months. If needed, charge the battery in order to maintain the charge level between 20% and 80%.

Charge the battery to 100% of its capacity after long-term storage.

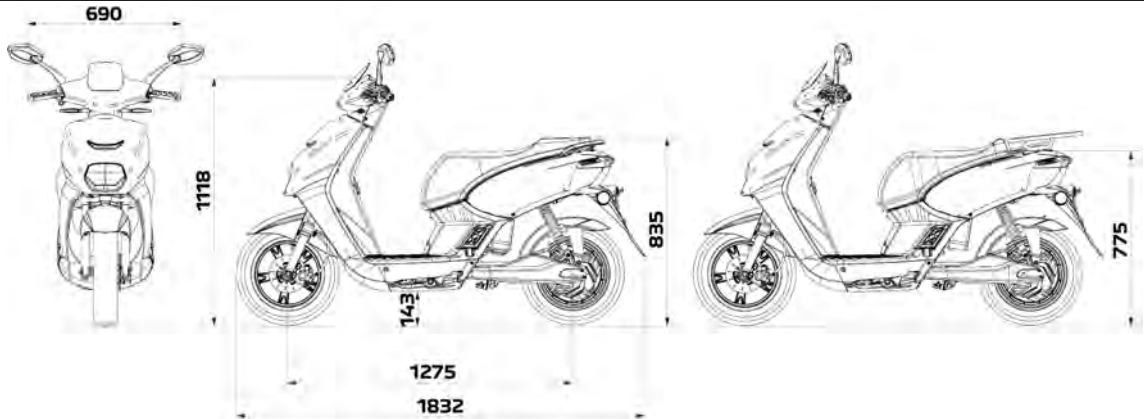
Vehicle autonomy

The vehicle's autonomy is approved by driving cycle (Regulation 134/2014 Appendix VII).

In actual use, the vehicle's autonomy may vary according to several factors:

- The speed and style of driving.
- The road profile.
- The battery charge level.
- The battery capacity.
- The ambient temperature.
- Tyre pressures.
- The vehicle load.

CHARACTERISTICS

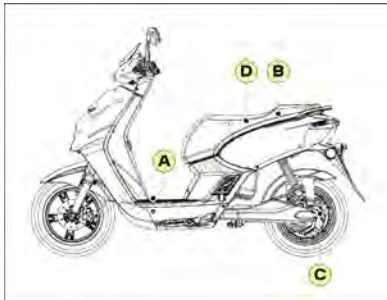
	KISBEE SE 25 km/h	KISBEE SE 45 km/h	KISBEE SE 45 km/h Cargo
Official type-approval code	K5ABAA	K5AAAA (Battery 1) K5AABA (2 batteries)	K5AAAB (Battery 1) K5AABB (2 batteries)
Dimensions in mm			
			
Weight in kg			
In working order (Without the battery)		86	90
Authorised maximum. Total weight of the vehicle, the user, the passenger, the accessories and luggage.		257	257
Engine			
Type	Synchronous engine.		
Maximum power	1.6 kW	2.5 kW	
Maximum torque	48 Nm	49 Nm	
Tension	48 V		

	KISBEE SE 25 km/h	KISBEE SE 45 km/h	KISBEE SE 45 km/h Cargo
Official type-approval code	K5ABAA	K5AAAA (Battery 1) K5AABA (2 batteries)	K5AAAB (Battery 1) K5AABB (2 batteries)
Performance			
Remaining range ^a (at 25°C)	72 km (Eco Mode)	(Boost Mode) 55 km (Battery 1) 110 km (2 batteries)	(Boost Mode) 53 km (Battery 1) 106 km (2 batteries)
Maximum speed	25 km/h	45 km/h	
Anti-pollution standard	Euro5		
Tyre dimensions			
Front	110/70 - 12 (53J)		
Minimum load index and speed rating	18B		
Rear	110/70 - 12 (53J)		
Minimum load index and speed rating	49B		
Pressure in bars			
Front (Pillion)	1.6 (1.6)		
Rear (Pillion)	1.8 (2.0)		
Suspension			
Front	Ø27 mm telescopic fork Travel: 68 mm		
Rear	2 Combined spring and hydraulically-damped shock absorber Travel: 80 mm		
Brakes			
Front	1 Ø170 mm disk		
Rear	1 drum Ø110 mm		

^a Depending on approval cycle. Range may vary depending on how your drive, the road and weather conditionsetc.

	KISBEE SE 25 km/h	KISBEE SE 45 km/h	KISBEE SE 45 km/h Cargo
Official type-approval code	K5ABAA	K5AAAA (Battery 1) K5AABA (2 batteries)	K5AAAB (Battery 1) K5AABB (2 batteries)
Electrical equipment/Direction indicators			
Instrument panel	5 inch screen LCD		
Headlight	LED		
"Side light" bulb	LED		
Rear light	LED		
Brake light	LED		
Intermittent signal	LED		
Number plate light	12V - 5W		
Traction battery	Removable lithium-ion battery 51.8 V 32 Ah (1.6 kW/h) 11.2kg		
Charging time	7 hours to reach 100% charge		
Battery charger	External charger 240 VAC, 50/60 Hz, 48 VDC, 5A		

VEHICLE IDENTIFICATION



- A.** Manufacturer's plate.
- B.** Vehicle identification number (V.I.N.).
- C.** Engine number.
- D.** Tyre pressure label.

The label affixed under the saddle gives the cold tyre pressures when riding alone and with a passenger.



Temperature variations modify tyre pressure.

The tyre pressure must be checked once a month when cold.

Products to use

Brake fluid	Brake fluid DOT 4
Grease	Multi-use grease
Fork oil	10W hydraulic oil



IMPORTANT INFORMATION

Performance



If your vehicle is exposed to temperatures below 0°C, the vehicle's range and battery life will be affected.

We recommend that you park your vehicle in a location with a moderate temperature.

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INFORMATION ABOUT THE INSTRUCTIONS

Specific information is indicated by the following symbols:



Möbius band
Recyclable.
Means that the product or the package can be recycled.



Explosive
The product may explode upon contact with a naked flame, spark or static electricity, or due to the effect of heat, an impact or friction.
Handle and keep away from heat sources and other causes of sparks.



Flammable
The product may ignite in contact with a naked flame, a spark or static electricity, or due to the effect of heat, friction, in contact with the air or in contact with water, releasing inflammable gases.
Handle and keep away from heat sources and other causes of sparks.



Corrosive
The product is corrosive.
It can attack (corrode) or destroy metals.
Contact with the product or splashes of the product may burn the skin and cause lesions to the eyes. Avoid any contact with the eyes and skin. Do not inhale.



Harmful to health
The product can be poisonous in high doses.
It may irritate the skin, eyes and airways.
It may cause skin allergies.
It may cause drowsiness or dizziness. Avoid all contact with the product.



Toxic or fatal
The product can rapidly be fatal.
It poisons rapidly, even at low doses. Wear protective equipment.
Avoid any contact (oral, skin, inhalation) with the product and wash all exposed areas carefully after use.



Harmful for the environment
The product pollutes.
It has a harmful effect (in the short and/or long term) on organisms in aquatic environments.
Do not dispose of it in the environment.



Do not throw away into a garbage can
One of the product's component is toxic and can be hazardous to environment. Do not throw the used product in the dustbin. Take it back to the trader or to a specific waste disposal site.



People's safety
Operation that can be dangerous for people.
People's safety can be seriously affected if the recommendations are not fully respected.



Important
Operation that can be hazardous to the vehicle.
Indicate the specific procedures that shall be followed in order not to damage the vehicle.



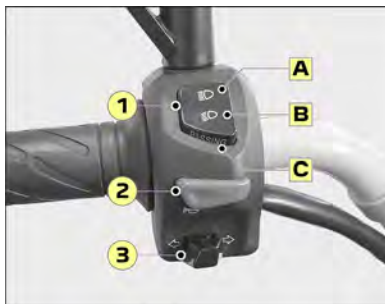
Note
Gives key information concerning operation of the vehicle.

DESCRIPTION OF THE VEHICLE

1. 2 inch screen.
2. Brake levers.
3. Brake fluid level.
4. Throttle.
5. Ignition switch.
6. Utility hanger.
7. Manufacturer's plate / Fuses.
8. Traction battery.
9. Chassis markings.
10. Grab handle.
11. Central stand.
12. Passenger footrests.



CONTROLS



1. Dipped lights/Headlights switch

The dipped lights/headlights switch has 3 functions:

- A. High beam.
- B. Dip beam.
- C. Flashing the lights (PASSING).

2. Horn switch

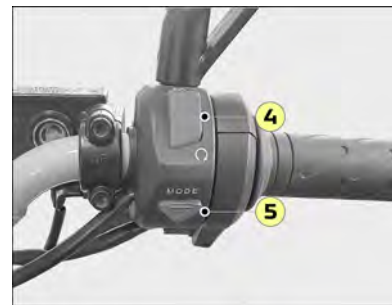
Press this button to sound the horn.

3. Indicators switch

To indicate a change of direction, press the switch:

- Either to the right.
- Or to the left.

To stop the indicators flashing, press the switch.



4. Emergency stop button / Starter switch.

- ☑ Set the button to this position before starting the engine.
- ☒ Set the button to this position in case of emergency to stop the engine.

5. "MODE" button

Press the "MODE" button briefly to select a driving mode;

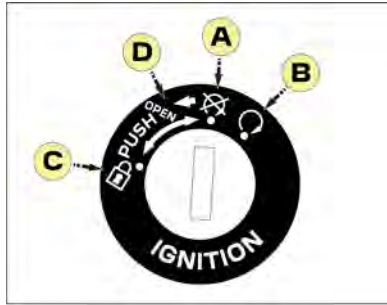
- ECO: Maximum speed 30 km/h.
- BOOST: Maximum speed 45 km/h.



The 25 km/h model has a single driving mode and its speed is limited to 25 km/h.

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KEY-OPERATED IGNITION SWITCH FUNCTIONS



A. Engine off position

The engine is off. Power to the electrical circuit is off. The key can be removed.

B. On position

Power to the electrical circuit is on. The engine can be started. The key cannot be removed.

C. Steering unlocked

Power to the electrical circuit is off.

- Turn the handlebar to the left.
- Turn the key to the locked position to lock the steering. The key can be removed.

D. Opening the saddle

Turning the key to this position enables the saddle to be opened using a cable system.

INSTRUMENTS



A. Control button.

1. Battery 1 charge status.

The bar chart indicates the battery charge level. When the last segment flashes, this means that the energy reserve has been reached.



When the energy reserve is reached, the vehicle switches to ECO mode and the vehicle's speed is gradually reduced.

2. Battery 2 charge status.

The bar chart indicates the battery charge level.



This bar chart appears if the vehicle is fitted with a second battery and it is installed in the vehicle.

When the last segment flashes, this means that the energy reserve has been reached.



When the energy reserve is reached, the vehicle switches to ECO mode and the vehicle's speed is gradually reduced.

3. Maintenance indicator.

- Each time the ignition is switched on, the display indicates the mileage remaining before the next service.
- When the kilometres to maintenance reaches zero, the maintenance symbol remains lit on the display.

Maintenance frequency (Default value)	5000 km 3100 mi
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This period does not include the first inspection at 500 km and concerns normal servicing.
See service book for harsh-use servicing.

Maintenance counter reset

- Ignition off.
- Hold down the control button (A) and switch on the ignition. The distance unit flashes.
- Release the settings button.
- Hold down the settings button for more than 3 seconds to switch off the maintenance symbol and set the maintenance counter to zero.
- Turn off the ignition.



You are advised to go to an authorised dealer to have the vehicle serviced and the message on the maintenance indicator erased.

Choosing the maintenance interval (Consult the maintenance manual)

- Ignition off.
- Hold down the control button (A) and switch on the ignition. The distance unit flashes.
- Release the settings button.
- Press the control button with short presses to scroll through the counters.

- Press for 3 seconds to confirm the choice.
- Turn off the ignition.

4. Stand indicator.

The stand indicator appears when the vehicle is on the central or side stand. Motor traction is inactive when the stand indicator is displayed. If a driving mode is selected while the vehicle is on the stand, an error code will be generated (E007) and a beep will be emitted.



The audible beep can be stopped by pressing the emergency stop button.

5. Call notification.

Pictogram indicating an incoming call when a Smartphone is connected via Bluetooth.



For more information, refer to the section: [Connectivity](#).

6. Message notification.

Pictogram indicating a message when a Smartphone is connected via Bluetooth.



For more information, refer to the section: [Connectivity](#).


7. Bluetooth connection.

Pictogram indicating connection with a Smartphone via Bluetooth.



For more information, refer to the section: [Connectivity](#).

8. Motor traction off indicator.

The motor traction off indicator appears when the emergency stop button is in position .

9. Energy recovery indicator/Battery charge indicator.

When the diagnostic indicator is on, this means there is a fault in the system.

The charging symbol appears when the battery is charging in the vehicle.

10. Digital speedometer.

Vehicle speed display.

Choosing the units of measurement



Units can be selected at any time.
Units are selected from ODO position.

- Turn on the ignition.
- Press the control button 3 for at least (A) seconds. The distance unit flashes.
- Select the unit by briefly pressing the control button, the distance unit changes from km to miles or vice versa.
- Press on the control button for more than 3 seconds to validate the setting.

11. Fault code display.

The fault codes displayed indicate either:

- A vehicle handling error.
- A temperature fault.
- A system error or breakdown.



For more information, refer to the section: Fault codes.

12. Autonomy indicator.

The range counter displays an estimation of the remaining range in kilometers.



The remaining autonomy is estimated in real time.

13. Milometer (ODO) / Tripmeter (Trip1/Trip2).

A short press on the control button switches from one counter to another.

Resetting the tripmeter

Display the tripmeter and press for more than 3 seconds on the control button (A).

14. Degraded mode.

The appearance of the degraded mode symbol indicates a fault in the system. In this case the motor power is limited. A fault code is displayed.



You are advised to have the vehicle checked by an authorised dealer.

15. Driving modes (ECO / BOOST).

Change the driving mode by pressing the «MODE» button.

«ECO» mode 30 km/h.

This mode enables the full power and torque of the motor to be used for optimum performance.

«BOOST» mode 45 km/h.

This mode is used to increase the maximum speed and motor torque to the vehicle's performance limits.



Using the «BOOST» driving mode reduces the autonomy.



The 25 km/h model has a single driving mode and its speed is limited to 25 km/h.

16. Brightness sensor.

17. Area displaying the indicator lights and warning lights.

Indicator lights and warning lights

The warning lights inform the driver of the start-up of a system or appearance of a malfunction.

- On ignition, some warning lights are displayed for a few seconds.
- Once the engine is started, these warning lights will disappear.

If they remain on, use the table to check the relevant warning light before driving off.



Self-diagnosis indicator (MIL).

This indicator can light up in two ways (steady or flashing).



In all cases, you are advised to have the vehicle checked by an approved dealer.






For further information concerning the indicator lights, please consult the table in the relevant section.

Connectivity (depending on the model)

The counter is pre-equipped with Bluetooth communication.

Connection depending on model and availability. Keep up to date with Peugeot Motorcycles news.

Description of the indicators

Indicator	Status	Cause	Actions / Observations
 Left indicators	Flashing	The indicator control is activated to the left.	If the warning light flashes quickly, there is a fault in the direction indicators.
 Right indicators	Flashing	The indicator control is activated to the right.	If the warning light flashes quickly, there is a fault in the direction indicators.
 Traction battery temperature	Fixed	The traction battery temperature is higher than 55°C.	The engine power may be limited. Switch off the vehicle and wait for it to cool down. If the fault continues, have the vehicle checked by an approved dealership.
 High beam	Fixed	The lighting control is in the "main-beam headlamps" position.	
 Self-diagnosis indicator (MIL)	Fixed	The electric traction system is faulty.	The engine power may be limited. You are advised to have the vehicle checked by an authorised dealer.
	Flashing	The electric traction system is faulty.	You are advised to have the vehicle checked by an authorised dealer.

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Fault codes

Fault codes	Description	Cause	Solution
0001	Engine temperature / Engine controller temperature	The temperature values are close to the maximum/minimum limit: Error code generated and the vehicle is operational	If the ambient temperature is between 0°C and -15°C: Continue to drive. If not at ambient temperature: Stop driving or drive in Eco mode (Temperature below -15°C), or wait for the vehicle to cool down (Temperature above 0°C).
		The temperature values have reached the maximum/minimum limit: Error code generated and the vehicle is not operational	If the ambient temperature is below -15°C: Put the vehicle into winter storage and wait for the temperature to rise. If not at ambient temperature (Temperature above 0°C): Switch off the vehicle and wait for it to cool down.
0002	Battery temperature	The temperature values are close to the maximum/minimum limit: Error code generated and the vehicle is operational	If the ambient temperature is between 0°C and -15°C: Continue to drive. If not at ambient temperature: Stop driving or drive in Eco mode (Temperature below -15°C), or wait for the vehicle to cool down (Temperature above 0°C).
		The temperature values have reached the maximum/minimum limit: Error code generated and the vehicle is not operational	If the ambient temperature is below -15°C: Wait until the temperature rises. If not at ambient temperature (Temperature above 0°C): Switch off the vehicle and wait for it to cool down.
0003	Engine fault	Internal engine fault	You are advised to have the vehicle checked by an authorised dealer.
0004	Engine controller fault	Internal fault in the engine controller May occur if emergency braking on a very steep slope (speed greater than 60 km/h)	Switch off the ignition and then switch it on. Brake gradually on steep slopes (Operate the left and right brake levers simultaneously and slowly increase the pressure). If the fault occurs in other situations, have the vehicle checked by an authorized dealer.
0005	Battery fault	Internal fault in the battery	Switch off the ignition and remove the battery. Wait 1 minute and remove the battery. If the fault continues, the system must be checked by an approved dealership.
0006	Throttle fault	Signal fault received from the throttle	The throttle should only be operated after hearing the beep (mode selection) . Release the throttle and wait 1 minute. Put the vehicle in drive mode and operate the throttle after hearing a "beep". If the fault continues, the system must be checked by an approved dealership.
0007	Kickstand contact switch	The vehicle is on the middle stand	Raise the vehicle's kickstand.
	"MODE" button	The MODE button is pressed before switching on the ignition	Make sure the "MODE" button is not pressed or stuck when the vehicle is switched on. If the fault continues, the system must be checked by an approved dealership.
0008	Instrument panel fault	An internal error is indicated by the screen	You are advised to have the vehicle checked by an authorised dealer.
0009	Vehicle communication fault	CAN communication fault in the system	Switch off the ignition and then switch it on. If the fault continues, the system must be checked by an approved dealership.

Fault codes	Description	Cause	Solution
0010	12V line fault	Voltage fault in the 12 Volt line	You are advised to have the vehicle checked by an authorised dealer.
0011	Vehicle configuration error	The engine controller is not compatible with the vehicle version	You are advised to have the vehicle checked by an authorised dealer.

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EQUIPMENTS

Storage compartment

- Insert the key into the ignition switch, then turn it anti-clockwise to the OPEN position to unlock the seat.
- Lift the seat to access the compartment.



You are advised not to leave any objects in the storage compartments, whatever the value (helmet, document-holder, etc.), the manufacturer may not be held liable in the event of theft or intrusion.



Do not exceed the maximum load for the compartment, which is 3 kg (Not including the battery).

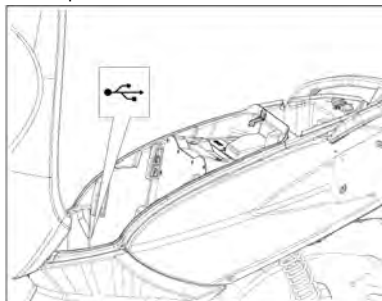
The temperature in the storage compartment rises with the heat of the battery or if exposed to the sun. Do not store food, flammable products or any products likely to be damaged by heat in the compartment.

Water may penetrate the storage compartment when washing or during periods of heavy rain. You are advised to protect any sensitive items from damp.

Do not store items that are too bulky in the compartment, as you risk damaging the items or the seat and its hinge.

Accessory socket (USB)

An accessories socket placed in the rear storage compartment and powered when the ignition is turned on enables you to plug in a portable device (Telephone number, GPS, ...) (1 A maximum).

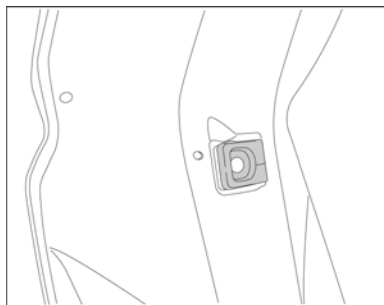


The equipment can recharge automatically during use.



Always replace the cap after use to prevent moisture from entering the socket.

Utility hanger



The utility hanger is located on the rear shield panel. It can be used to attach a maximum load of 2.5 kg.

Central stand

The central stand is fitted with a circuit breaker which prevents the motor from being started if the stand is unfolded.

If a driving mode is selected while the vehicle is on the stand, an error code will be generated (E007) and a beep will be emitted. For more information, refer to the section: Fault codes.



If the motor can be started with the central stand unfolded, the circuit **MUST** be checked by a registered dealer.

Luggage carrier

An optional luggage carrier approved by PEUGEOT MOTOCYCLES is available.

It can bear a maximum load of 7 kg.



To not place luggage on it that is too bulky and may impair the lighting and steering.

Do not exceed the maximum recommended load for each luggage carrier.

Attach luggage firmly to the vehicle, even over a short distance.

Business vehicle

The rear luggage carrier can bear a maximum load of 20 kg.

CHECKS TO PERFORM BEFORE USE

The user must personally ensure that his vehicle is in good condition. Certain safety elements may show signs of damage even when the vehicle is not used. e.g. prolonged exposure to bad weather can lead to oxidation in the braking system or a pressure drop in the tyres which can have serious consequences. In addition to a simple visual inspection, it is extremely important to check the following points before use.



These checks only take a few minutes and help to keep your vehicle in good condition, for optimum use combining reliability and safety.

If one of the elements in the checklist does not work properly, ask your registered dealer to check it and have it repaired if necessary before using the vehicle.

ADVICE FOR STARTING UP AND DRIVING

Warning

Before using the vehicle for the first time, make sure you are familiar with all the controls and their respective uses. If you are not sure about the functions of any of the controls, your registered dealer can answer your questions and give you any help you may require.

Eco mode

Adopt smooth driving behaviour

- Turn the acceleration handle gradually, not suddenly.
- Anticipate braking using the engine brake.
- Limit the vehicle load as well as aerodynamic resistance.
- Regularly check the inflation pressure in your tyres, and refer to the label under the seat.
- Have your vehicle serviced according to the manufacturer's maintenance plan.

Vehicle autonomy

The vehicle's autonomy is approved by driving cycle (Regulation 134/2014 Appendix VII).

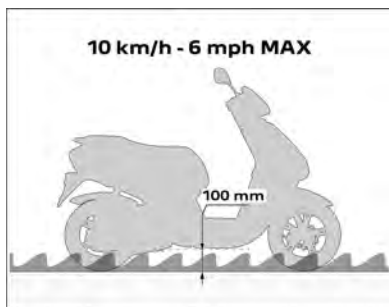
In actual use, the vehicle's autonomy may vary according to several factors:

- The speed and style of driving.
- The road profile.
- The battery charge level.
- The battery capacity.
- The ambient temperature.
- Tyre pressures.
- The vehicle load.

Driving on flooded roads



You are strongly advised not to drive on flooded roads as this may seriously damage the engine, transmission and electrical systems on your vehicle.



If you cannot avoid driving through flood water:

- Check that the water depth does not exceed 100 mm, taking into account waves which could be generated by other road users.
- Under no circumstances exceed a speed of 10 km/h.
- Once out of the flooded area, brake gently several times to dry out the brakes as soon as the safety conditions allow it.

Inspection before setting off

Component	Checks
Instrument panel	• No faults.
Battery	• Battery charge status.
Lighting, signalling, indicators, horn	<ul style="list-style-type: none"> • Check operation. • Correct if necessary.
Front brake	<ul style="list-style-type: none"> • Check brake operation. • Have an approved dealer check them if they feel soft. • Check brake pad wear. • Check the level of brake fluid in the reservoir.
Rear brake	<ul style="list-style-type: none"> • Check brake operation. • If necessary adjust the control.
Wheels and tyres	<ul style="list-style-type: none"> • Check the tyre wear and condition. • Check the tyre pressures cold. • Correct if necessary.
Throttle	• Check the throttle handle turns smoothly and returns correctly to its starting position.
Steering	• Check the free rotation of the steering.
Rearview mirrors	• Check that the rear-view mirrors are in the correct position.
Stand	<ul style="list-style-type: none"> • Check that the central stand can be unfolded smoothly. • Operation of the ignition cut-out.

IGNITION METHOD



Before using the vehicle for the first time, charge the battery to 100%.

The emergency stop switch must be in the ON position.

- Raise the kickstand and sit on the vehicle.
- Turn on the ignition.
- Press the "MODE" button briefly without accelerating to select a driving mode. A beep is emitted to indicate that the vehicle is ready to be driven.
- You can change the driving mode by pressing the "MODE" button:
 - Vehicle stopped and stand folded.
 - While driving.



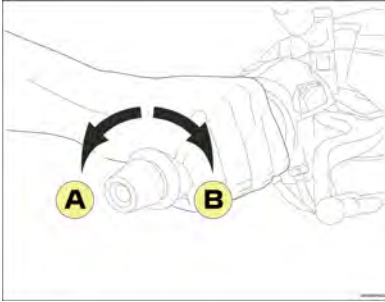
Do not operate the throttle handle before you have heard the beep. Motor traction is not active while the vehicle is on the stand and a driving mode has not been selected. The 25 km/h model has a single driving mode and its speed is limited to 25 km/h.



If a driving mode is selected while the vehicle is on the stand, an error code will be generated (E007) and a beep will be emitted. For more information, refer to the section: [Fault codes](#) page 14 .

Driving

Accelerating and decelerating



To increase speed, turn the throttle handle in direction (A). To reduce speed, turn the throttle handle in direction (B).

Braking

The right lever controls the front brake and the left lever controls the rear brake.

For good braking, it is very important to coordinate the following actions:

- Close the throttle.
- Operate the left and right brake levers simultaneously and slowly increase the pressure.



Using only one brake reduces braking efficiency and can lock the wheel, causing a fall. Braking suddenly on a wet road or in a bend should be avoided. Reduce speed on steep slopes to avoid prolonged braking, as overheating will reduce braking efficiency.



Your vehicle is equipped with an energy recovery system when braking. When decelerating, during the braking phase, the vehicle's kinetic energy will be transformed into electrical energy to recharge the battery.

Stopping the vehicle and parking

- Place the vehicle on its central stand on flat ground.
- Turn off the ignition.



The steering must be locked every time you park. You are advised to park the vehicle in a frost-free room, away from the rain and damp.



You are advised not to leave any objects in the storage compartments, whatever the value (helmet, document-holder, etc.), the manufacturer may not be held liable in the event of theft or intrusion.

Traction battery



The battery is sealed. Never try to open it. Doing so would void the warranty and could cause serious injury or even death. NB: improper battery handling can be dangerous.

- Do not drop the battery.
 - Do not attempt to open, change or short-circuit the battery.
 - Do not immerse the battery in water.
 - Do not expose the battery to direct sunlight.
 - Only use the charging cable and charger provided.
- The technology of the traction battery allows partial recharging without affecting its lifetime. You can therefore charge it as often as possible, without waiting for it to be discharged.



When the energy reserve is reached, the motor power is reduced.

Avoid allowing your battery to discharge completely. Turning off the battery after every use will maximise its life and provide with the best possible performance.



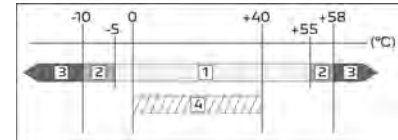
If your vehicle is exposed to temperatures below 0°C, the vehicle's range and battery life will be affected.

Note that the battery's capacity will be reduced in low and high temperatures. Best performance will be during ambient temperatures of 21°C.

During charging, the battery may reach a temperature of 40°C. Do not handle the battery when it is charging.

Handle the battery using the carry handle.

Effect of temperature on the battery



Temperature of the battery cells

1. Normal use.
2. Downgraded use.
3. Vehicle stop.
4. Cell charge.

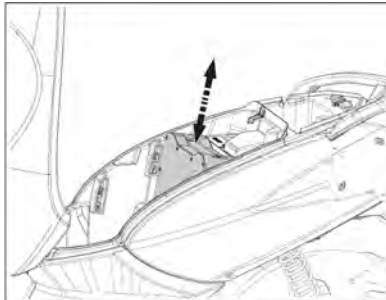
Removable battery



The vehicles are fitted with one or two batteries, depending on the version.

Removal

- Turn off the ignition.
- Lift the saddle.
- Remove the battery from its housing.



Re-assembly

- The ignition key must be in the OFF position.
- Carefully insert the battery into its compartment and press on it gently.
- Close the saddle.

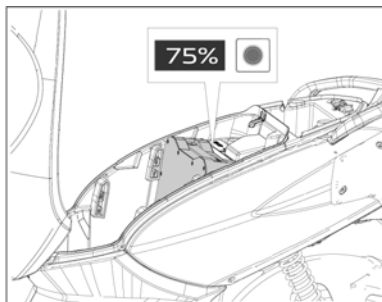
✓ Before refitting the battery, check that there are no objects in the bottom of the battery compartment which may prevent connection with the battery, and that the connectors are free from dirt and water.

When removing or refitting the battery, do not rest it on the edge of the compartment.

✓ For vehicles equipped with one battery, a second compartment can house a spare battery.

Battery charge level

The charge level can be checked at any time by pressing the button on the top of the battery.



Battery charger



Never try to open or modify the charger.

The charger is designed for indoor use only. Do not lift or pull the charger by the power cables.

No operations, maintenance or washing are allowed on the vehicle while the traction battery is charging.



After charging, always disconnect the mains cable first and wait 30 seconds before disconnecting the charger from the battery.

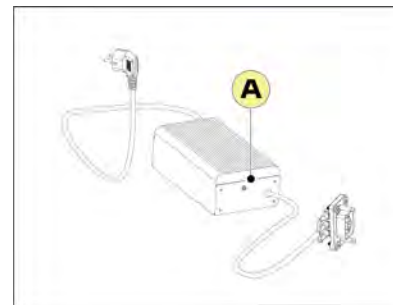
During charging, the charger may reach a temperature of 60°C.

The charger is not designed to be transported in the vehicle's storage compartment.

If you really have to transport the charger in the storage compartment, ensure it is well protected against impacts and does not come into contact with the battery.



The charger is an integral part of the vehicle. It must be inspected by the registered dealer during periodical servicing.



A. Charging indicator.

Check that the charging indicator is lit up in green or is flashing orange during charging. If it is not, charging has not started. Begin the procedure again, checking that all the connections are properly connected.

LED charging indicator

LED state	Battery charge status
Flashing or steady orange (depending on charger)	Battery charging
Steady green	Charging on standby / The battery is charged The charger connector is not connected to the battery.
Flashing red	Charging error. Unplug the charging lead for 30 seconds, then plug the lead back in. If the problem persists, contact your authorised dealer.
Off	Check that the power supply to the household socket is on. Check the charger cables. The charger is faulty.

Battery charge

Charging environment



The charging area must be located in a well-ventilated dry place at a distance from any heat source.

It must be equipped with a 230 V electrical socket, protected by a 16 A circuit-breaker, a ground connection and coupled with a 30 mA differential switch.

Avoid leaving the vehicle or battery unsupervised while charging.

Using an extension cable or winder is not recommended. However, if it is necessary to use

them, ensure that they are earthed, and that they are not crushed or damaged. Check that the section of the extension cable or winder used is sufficient (3x 1.5mm² minimum). If one or the other are used, it is essential to unwind them fully during charging.

Do not charge the battery when the temperature drops below 0°C. If the outdoor temperature is lower than 0°C, charging may be impossible. Ideally, charge the battery in a frost-free room.

The battery charging time must not exceed 12 hours. Overcharging will reduce the battery's service life. If the battery is not fully charged after charging for 12 hours, disconnect the charger and contact your authorised dealer.

Charging method



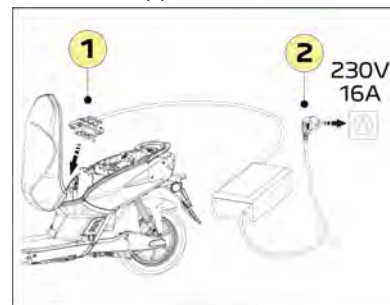
Charging time may vary depending on various factors, particularly temperature and current charge status. Charging a discharged battery up to 100% takes around 7 hours.



The battery can be charged either in the vehicle or out of the vehicle.

Battery in the vehicle¹

- Turn off the ignition.
- Lift the saddle.
- First connect the charger's power cord to the socket at the bottom of the compartment (1).
- Place the charger on a stable support away from any damp.
- Then connect the charger cord to a household socket with earth (2).



- While the battery is charging, the charger's LED flashes, informing you that the battery is charging.
- When charging is finished, disconnect the cord from the household socket first.
- Wait 30 seconds before disconnecting the power cable between the charger and the battery.



After charging the battery and disconnecting the cord, wait before starting up the vehicle (Approximately 30 seconds).

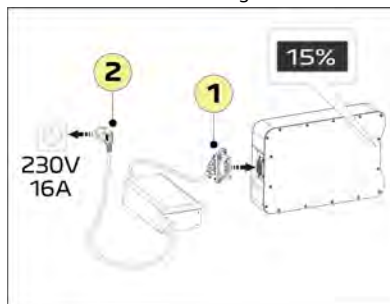


Pass the cord through the opening in the seal at the rear of the compartment before closing the saddle. Do not pull on the power cords while in use, during storage or when handling the charger.

¹ Depending on model. Interior charging socket also available as an accessory from a registered dealer.

Battery outside the vehicle

- Turn off the ignition.
- Lift the saddle.
- Remove the battery from its housing.
- Place the battery in a stable position. Avoid any risk of falling or moving which could affect the battery or the connection of the charger.



- First connect the power cable between the charger and the battery (1).
- Then connect the charger cord to a household socket with earth (2).
- While the battery is charging, the charger's LED flashes, informing you that the battery is charging.
- When charging is finished, disconnect the cord from the household socket first.
- Wait 30 seconds before disconnecting the power cable between the charger and the battery.



The ignition must always be switched off before removing the battery from the vehicle.



After charging the battery and disconnecting the cord, wait before starting up the vehicle (Approximately 30 seconds).

SERVICE OPERATIONS

Maintenance advice

Ensure the servicing schedule for your vehicle is strictly adhered to in order to maintain warranty rights.

A table of inspections for the maintenance schedule is inserted into the maintenance booklet. The registered dealer must add his stamp, the date of servicing and the number of kilometres the vehicle has covered.

In order to maintain maximum safety and reliability of your vehicle, you are advised to have maintenance and repairs carried out by a registered dealer who has the necessary technical training, specific tools and spare parts.

Environment / Recyclable

Worn parts replaced during routine maintenance (mechanical parts, battery, etc.) must be disposed of with specialised bodies.

At the end of its life, the vehicle must be taken to an authorised centre for recycling.

In all cases, comply with the local laws.



Batteries contain harmful substances. They must be disposed of according to the legal requirements and must under no circumstances be thrown away in the household waste.

Cleaning the vehicle



The bodywork is made of plastic parts that can be painted or are shiny. Do not use solvents or cleaning products that are too corrosive.



Do not use high pressure cleaners which may cause water to infiltrate the following parts: seals, bearings and hinges, electrical components such as connectors, contactors and lighting.

Wash the bodywork with soapy water and rinse with generous amounts of clear water.

The vehicle can be dried with a chamois leather. After washing the vehicle, brake several times at low speed to dry out the brakes.



The vehicle should be washed in a place equipped for wastewater collection.

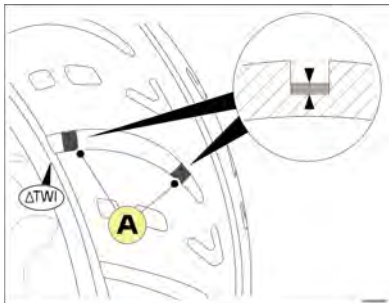
Certain silicon-based products can alter the quality of the paintwork. In case of need or doubt, a registered dealer can advise you on using cleaning products or restoring scratched bodywork.

Tyres

Tyre pressure should be cold-checked regularly. Incorrect pressure causes abnormal wear and affects road behaviour, thus making driving dangerous.

	Front	Rear
Solo	1.6 bars	1.8 bars
Pillion	1.6 bars	2 bars

If the wear limit on the tread is reached (A), you are advised to go to a registered dealer to change the tyres.



When replacing tyres, you are advised to mount tyres of the same brand and equivalent quality. In case of puncture, it is forbidden to mount an inner tube in a tubeless tyre.



Tyres contain substances that are harmful to the environment. Your dealer is equipped to dispose of used tyres without endangering the environment in compliance with current standards.

Brake inspection

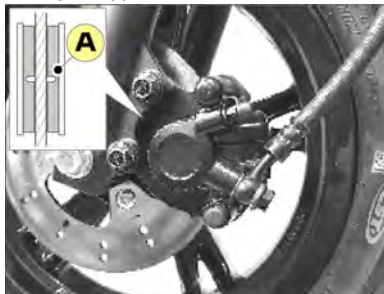


We advise you to visit a registered dealer for the replacement of these components.

Front brake pad wear

Each brake pad is equipped with wear indicators (A). The indicators enable you to check the wear on the pads without having to disassemble the brake. Check the wear on the pads by verifying the position of the wear indicators while depressing the brake. If

a brake pad is worn to the point that the indicator touches the brake disk, have the pair of brake pads replaced by an approved distributor.

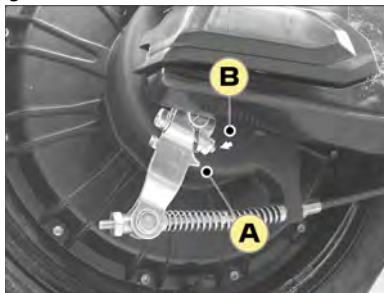


A. Wear indicators

Rear brake pad wear

Operate the brake lever and check the position of the wear mark on the cam tierod (A) in relation to the mark (B) on the engine housing.

If the cam tierod mark is aligned or with the wear mark or exceeds it, the brake linings must be changed.



Brake fluid

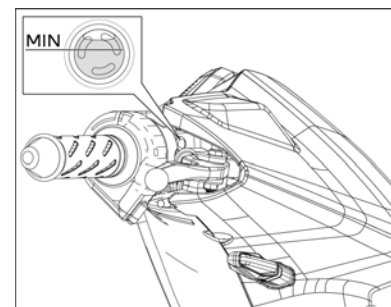
The brake fluid levels must be checked regularly through the braking unit inspection window.



Before verifying the liquid level, ensure that the reservoir of the brake master cylinder is horizontal.



If the level is close to the minimum mark, you are advised to take the vehicle to an approved dealer to have the brake system checked, or topped up as needed.



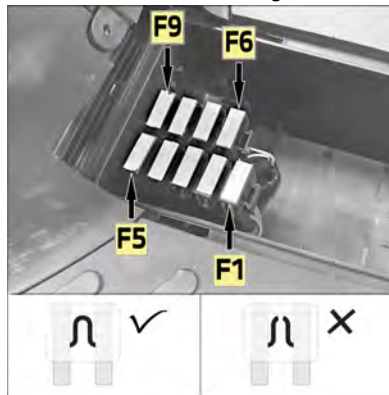
Brake fluid

DOT 4

GB

Fuses

The electrical installation is protected by the fuses, which are accessible after removing the floor hatch.



If a fuse often blows this is usually a sign of a short circuit in the electrical circuit. You are advised to have the system checked by a registered dealer. Find the faulty fuse by looking at the condition of its filament.



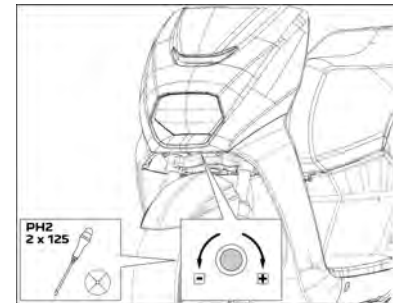
Before changing a fuse, you must find the reason for the fault and correct it. You are advised to switch off the ignition before changing a fuse and always to replace it with a fuse of the same rating. If you do not do so, this may lead to damage in the electrical circuit or even a fire.

Fuse allocation

F1 15A	Battery positive power (12V)
F2 5A	General ground fuse
F3 5A	Instrument panel (12V)
F4 5A	Telematics unit (12V)
F5 10A	Lighting (12V) Instrument panel (12V) Horn (12V)
F6 5A	USB (12V)
F7 5A	OBD
F8 5A	Brake contactors (12V)
F9 5A	Voltage converter (48V)

HEADLIGHT ADJUSTMENT

The headlight beam is adjusted using a screw on the right side of the vehicle.



To avoid disturbing other road users, the headlights must be height-adjusted, depending on the vehicle load.

Peugeot Motocycles recommends



Quality management system certified ISO
9001 by UTAC



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GUIDE D'UTILISATION EN LIGNE
ONLINE USER'S GUIDE