Askoll

I am electric

EN

Electric Scooter XKP 45 - 70 - 80

Use, Maintenance and Warranty Manual

MADE IN ITALY

www.askollelectric.com

Welcome to the electric age!

Congratulations for choosing a more sustainable approach to mobility: low consumption, large savings and more breathable air, as well as guaranteed autonomy; to do good for themselves, others and the planet.

Congratulations for having decided to embrace a new lifestyle and innovative thinking: exploiting cutting-edge technology such as electricity has only positive implications.

With the purchase of Askoll XKP 24, XKP 70 and XKP 80 you will finally be able to enjoy a vehicle that
concentrates the best of functionality, design and technology from Askoll, a company that boasts thirty years of experience in the design and manufacturing of electric motors.

This manual has been prepared to allow you to fully appreciate its qualities. Contains information, warnings and advice regarding the correct use and maintenance of your new one
vehicle.

It is important to read it in its entirety before driving the vehicle for the first time. You will also discover details and characteristics that will help convince you of your excellent choice.

This publication is to be considered an integral part of the vehicle. If the vehicle is sold, it must be handed over to the new owner.

The constant evolution in design, to guarantee the safety and quality standards of Askoll vehicles, may lead to the fact that some information contained in this Use and Maintenance Manual may be different from the vehicle in your possession. We are certain that you will understand, therefore, that the data, figures and Descriptions contained herein cannot constitute the basis for any claim.

GENERAL INFORMATION

SIMBOLOGY

The manual contains particularly important information on which you need to pay more attention.

Each sign consists of a different symbol to make the content of the text that follows it clear and to facilitate the placement of the topics in the different areas.

This symbol indicates particularly dangerous situations which, if not avoid, they may cause death or serious injury.

This version of the caution sign will be used throughout the manual

WARNING

This symbol indicates a general safety warning.
It is used to warn you of potential danger of damage to people and/or vehicles

Failure or incomplete compliance with these requirements may be the cause resulting in possible serious damage to the vehicle and in some cases invalidation of the warranty.

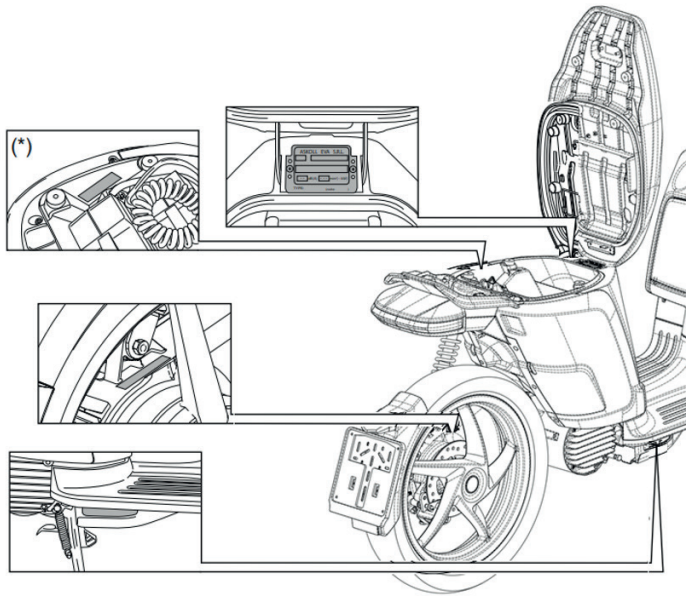
The correct behavior to follow in order not to cause damage to nature through the use of the vehicle is indicated.

IMPORTANT SAFETY INFORMATION

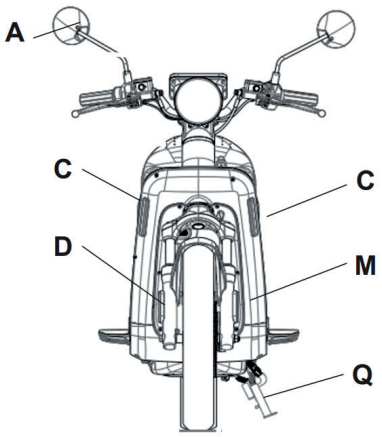
	**It is of fundamental importance for you to know the electric scooter: read and understand this manual before first use.**
	**This operating manual is an integral part of the scooter, keep it for future reference. In case of sale it must be handed over to the next owner.**
	**The scooter is not intended to be used by persons whose physical, sensory, or mental abilities are reduced, or with lack of experience or knowledge, unless they have could benefit through the intermediation of a person responsible for their safety, supervision or instructions regarding the use of the scooter**
	**Failure or incomplete compliance with these instructions may cause serious damage to people, the vehicle, the environment and in some cases the invalidation of the warranty.**
	**Any processing that modifies the performance or main structure of the scooter, in addition to being prohibited by law, makes the vehicle no longer compliant with the approval and, therefore, dangerous for safety.**

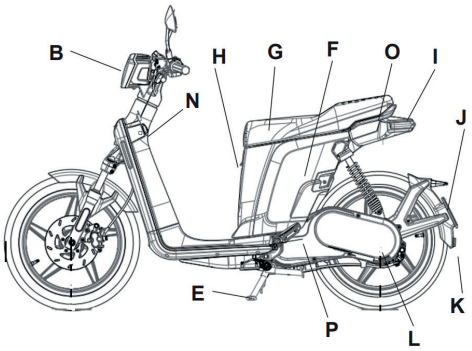
IDENTIFICATION

The identification serial numbers are stamped on the frame, on the engine crankcase and in the battery compartment. They must always be indicated in requests for spare parts.
It is advisable to check the correspondence of the vehicle serial numbers with those shown on the vehicle documents.



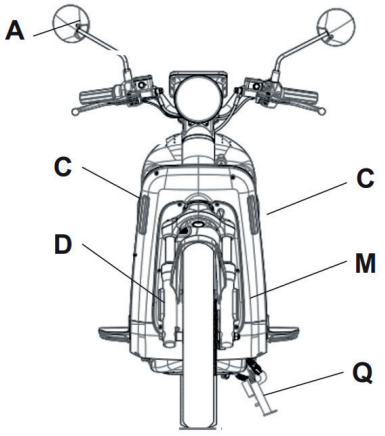
GENERAL VIEW OF THE SCOOTER XKP45 2.8

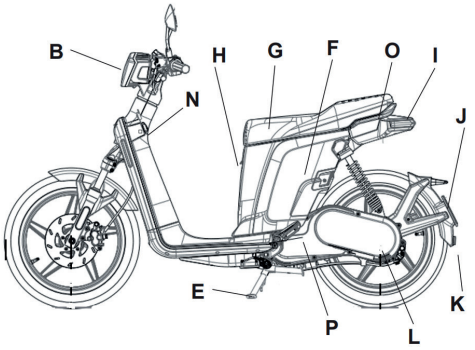




A. Rearview mirror
B. Front light unit
C. Direction indicator
D. Left front reflector
E. Kick stand
F. Battery compartment
G. Saddle
H. Bag hook
I. Rear light cluster
J. License plate
K. Rear reflector
L. Engine
M. Right front reflector
N. Ignition switch
O. Passenger grab handle
P. Passenger footrests
Q. Side Kick stand

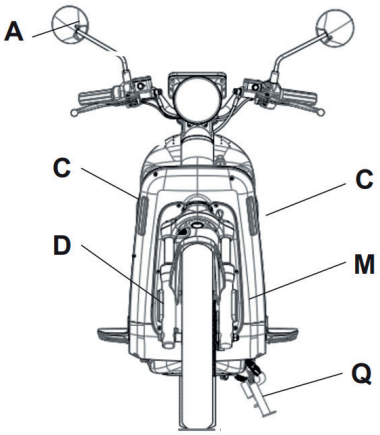
GENERAL VIEW OF THE SCOOTER XKP70 2.8

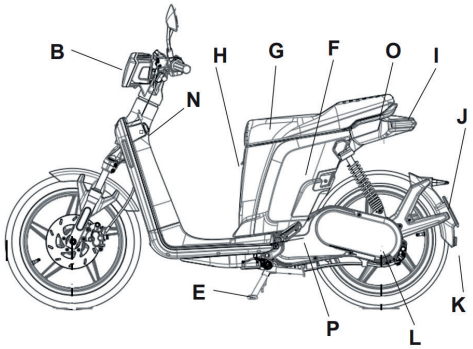




A. Rearview mirror
B. Front light unit
C. Direction indicator
D. Left front reflector
E. Kick stand
F. Battery compartment
G. Saddle
H. Saddle
I. Rear light cluster
J. License plate
K. Rear reflector
L. Engine
M. Right front reflector
N. Ignition switch
O. Maniglione passeggero
P. Passenger grab handle
Q. Side Kick stand

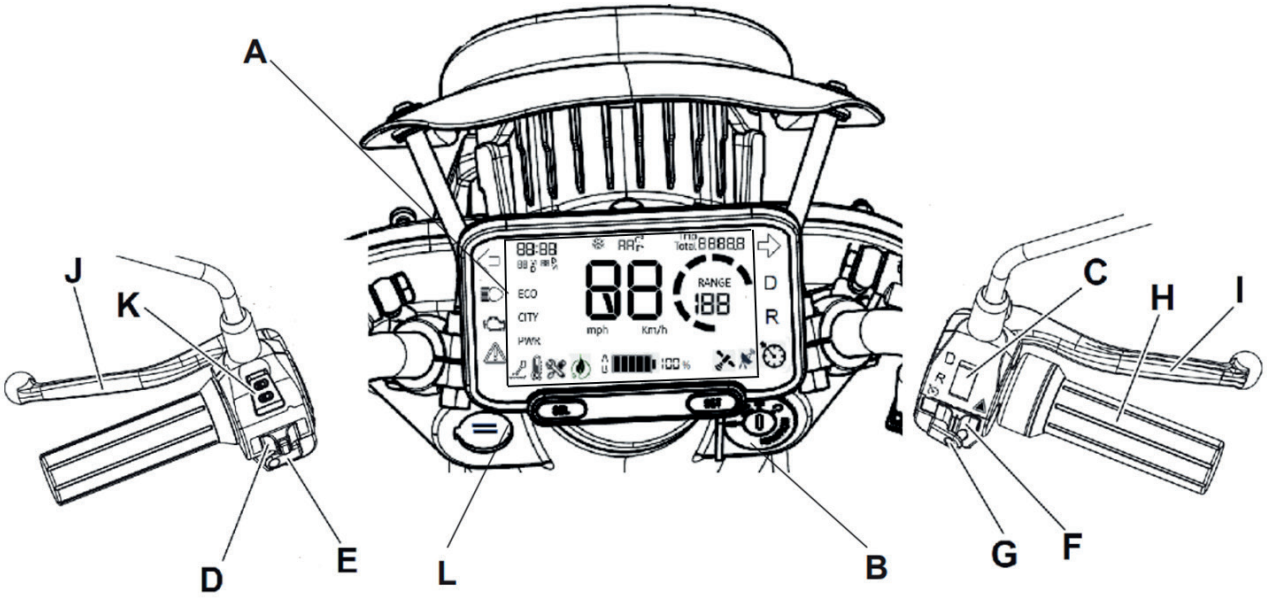
GENERAL VIEW OF THE SCOOTER
XKP80 2.8





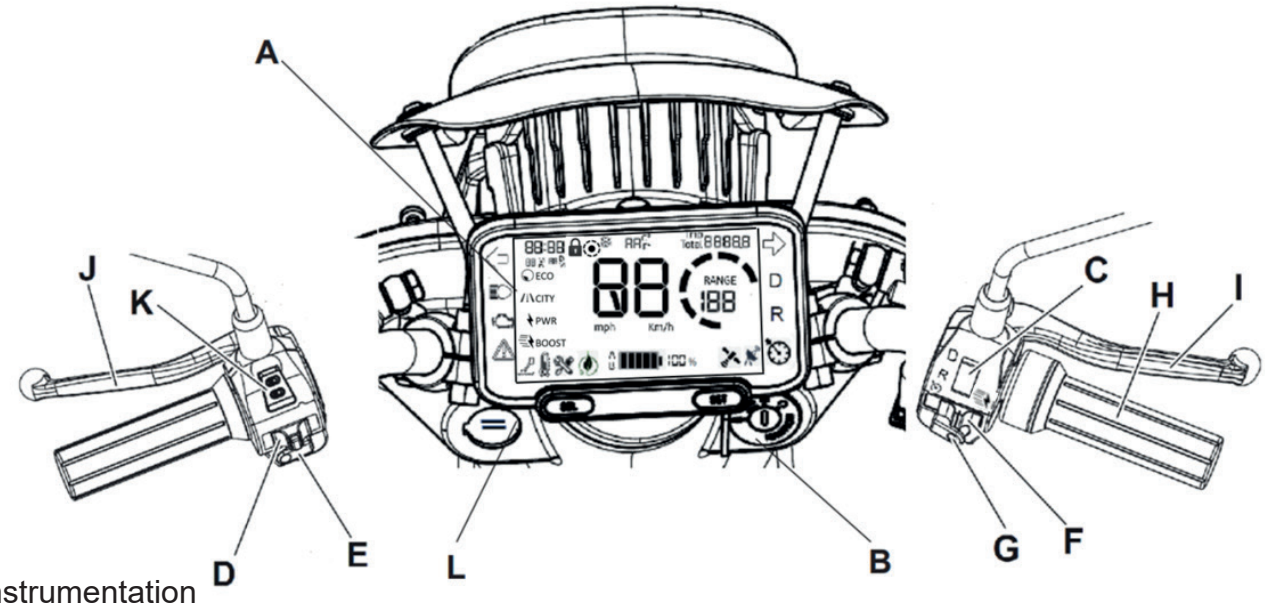
A. Rearview mirror
B. Front light unit
C. Direction indicator
D. Left front reflector
E. Easel
F. Battery compartment
G. Saddle
H. Bag hook
I. Rear light cluster
J. License plate
K. Rear reflector
L. Engine
M. Right front reflector
N. Ignition switch
O. Maniglione passeggero
P. Passenger grab handle
Q. Side Kick stand

POSITION OF CONTROLS AND INSTRUMENTS DASHBOARD (XKP45 2.8 - XKP70 2.8)



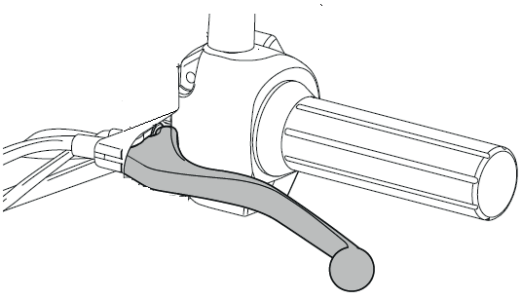
A. Instrumentation
B. Key switch
C. Front driving mode selector
+ Reverse
D. Flasher switch
E. Horn button
F. Cruise control mode selector + 4 direction indicators
G. Engine start button /
MODE function selection of driving mode
H. Accelerator control
I. Front brake control lever
J. Combined brake control lever
K. Headlight switch
L. 2-way USB socket

POSITION OF CONTROLS AND INSTRUMENTS DASHBOARD (XKP80 3.5)

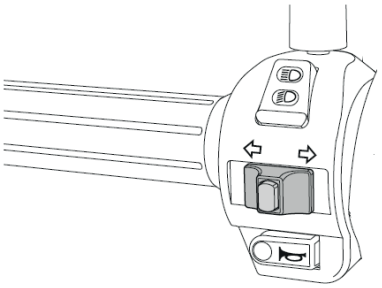


A. Instrumentation
B. Key switch
C. Front driving mode selector
+ Reverse
D. Flasher switch
E. Horn button
F. Cruise control + mode selector
BOOST mode operation
G. Engine start button / MODE function
selection of driving mode
H. Accelerator control
I. Front brake control lever
J. Combined brake control lever
K. Headlight switch
L. 2-way USB socket

LEFT CONTROL GROUP

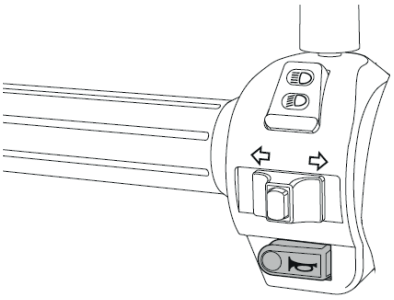


Rear brake control lever
The rear disc brake lever for **XKP45 2.8, XKP70 2.8 and XKP80 3.5** is located on the left side of the handlebar.
Rear brake lever with combined function (XKP70 2.8 and XKP80 3.5 only)
The brake acts on both wheels, with prevalence on the rear one to guarantee greater safety and better stopping distances.

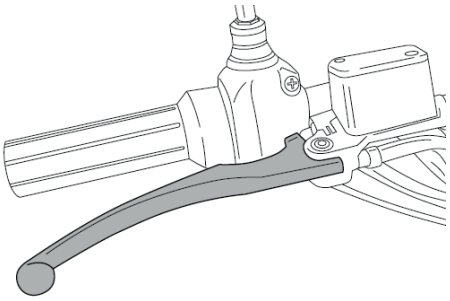


Flasher switch

Move the stalk to the left to activate the left turn signals.
Move the stalk to the right to activate the right turn signals.
Press the button in the center of the stalk to turn off the flashers.



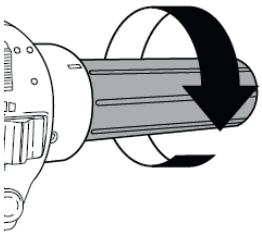
Horn button
Press to sound the horn.



Front brake control lever

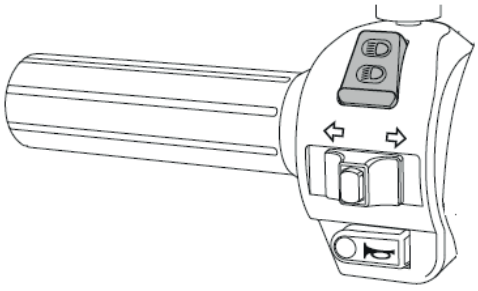
The front disc brake lever is placed on the side right of the handlebar.

Throttle control



The speed of the scooter is adjusted by turning the knob.

High beam headlight switch

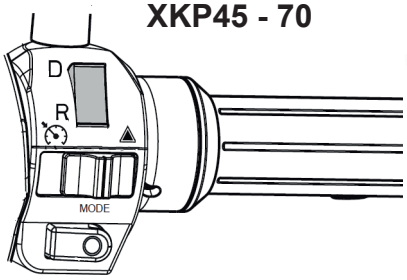


Using the selector you can activate the light dazzling.

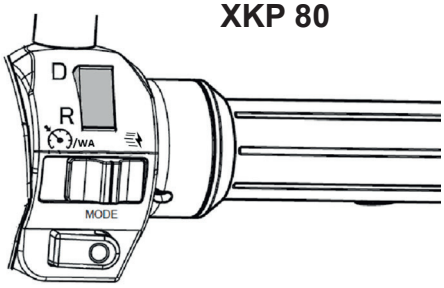
Driving mode selector

Using the switch you can select two different modes
Position D = proceed frontally
Position R = proceed in Reverse gear

XKP45 - 70



XKP 80

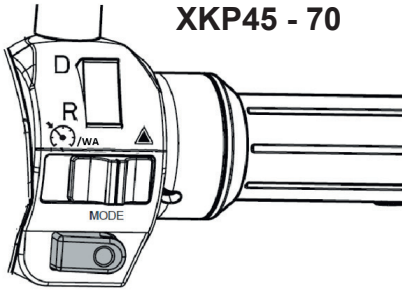


The reverse function must be engaged with the vehicle completely stationary, with both brakes engaged, and with both feet positioned on the ground. The maximum speed in reverse is 3km/h, during the reverse movement the 4 parking arrows and the intermittent acoustic buzzer are automatically active. If, during frontal travel, reverse gear is mistakenly engaged, the vehicle does not hear the command, the incorrect command is signaled on the dashboard by the letter "R" flashing on the number of km on the dashboard, the gear letter D still remains active, the acoustic buzzer signal is activated continuously.

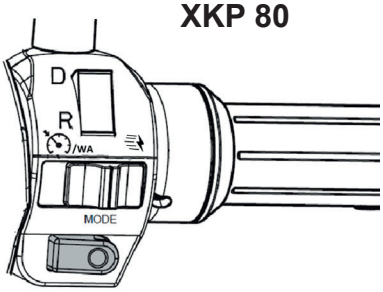
Engine start button

Pressing the button for 3 seconds, depending on the position of the key in the switch, enables or disables the engine.

XKP45 - 70

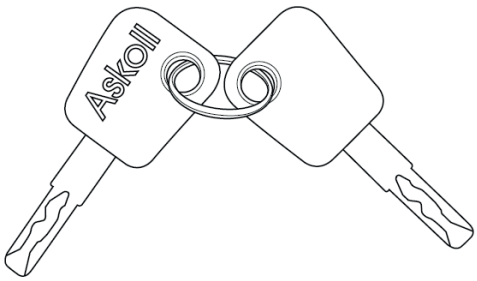


XKP 80



KEY SWITCH

The key switch enables or disables the system and the steering lock.
The scooter comes with a master key and a duplicate of it that can be used for both operate the key switch, both for opening of the saddle.
It is advisable to keep the duplicate key separately from the main one.



Enabling and disabling the system

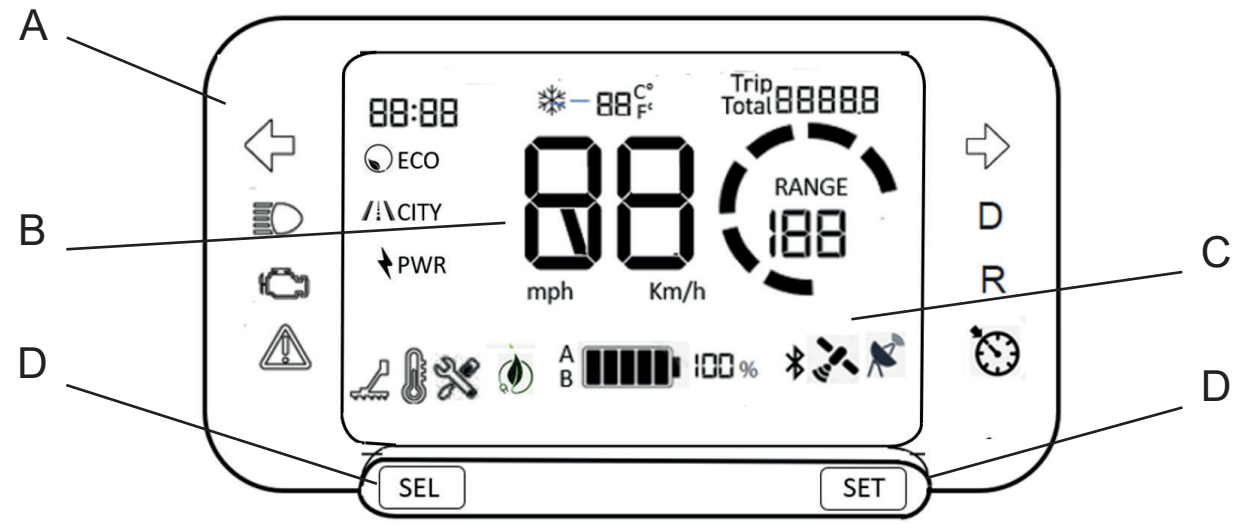
Turning the key up the system is enabled

Turning the key up you disable the system.
When the scooter is turned off the headlight and rear remain on as a "courtesy light" for about 10 seconds, the switching on time can be changed via the App function.

WARNING **Do not turn or remove the key while driving**

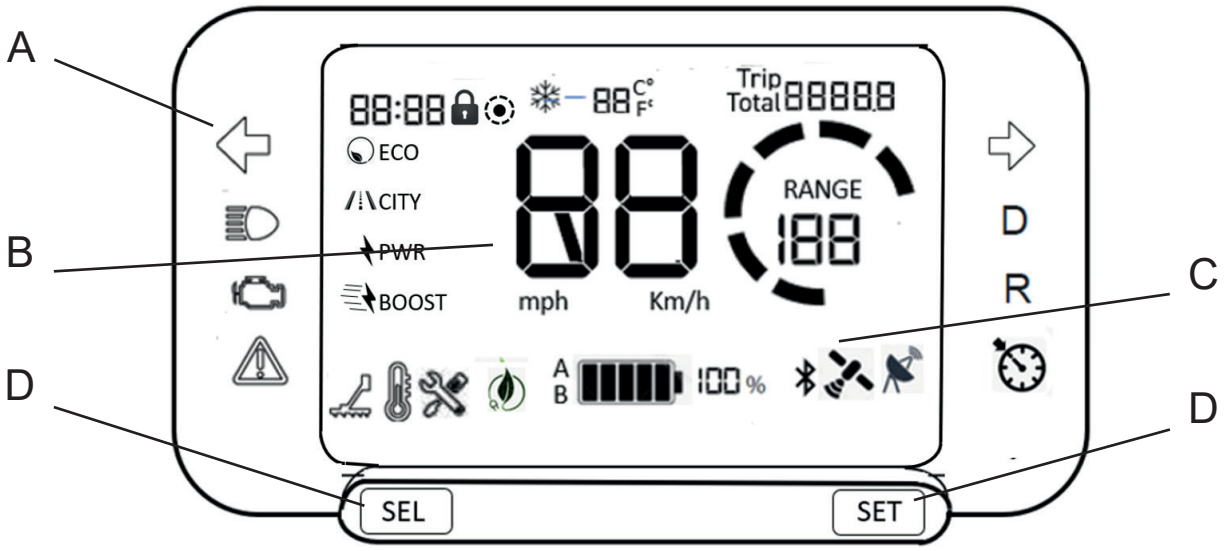
INSTRUMENTATION

XKP45 2.8 - XKP70 2.8



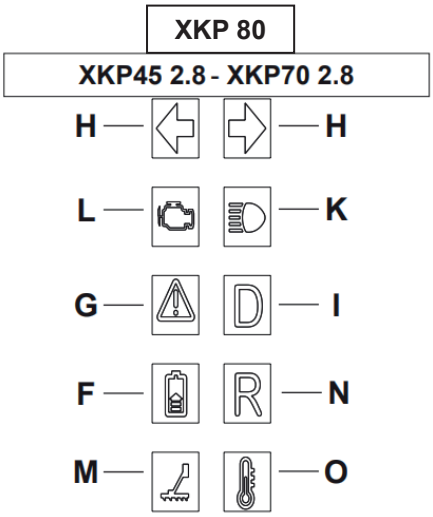
A. Warning lights
B. Speedometer
C. Digital display
D. Display controls

XKP 80 3.5



A. Warning lights
B. Speedometer
C. Digital display
D. Display controls

INSTRUMENTATION



WARNING LIGHTS

H. Flashing indicators working
L. Engine OBD diagnostic indicator
K. High beam indicator on
G. Serious problem indicator
I. Front gear indicator
F. High temperature indicator
N. Reverse indicator in operation
M. Stand OBD diagnostic indicator
O. Charging indicator

High temperature indicator

The high temperature indicator light is amber, yes
lights up and remains steady to indicate an overtemperature alarm.
The relevant alarm code can be read on the display.
For the description of the alarm relating to the code displayed, refer to the “**ERROR CODES**” chapter.

Serious problem indicator

The serious problem indicator light is red and lights up together with the malfunction indicator on the display.
When you turn on stop the vehicle, the relevant error code can be read on the display. It is necessary to go to an authorized workshop to have the vehicle checked. For the description of the alarm relating to the code displayed, refer to the “**ERROR CODES”** chapter

Flasher indicator on
The indicator light is green, it turns on and flashes to indicate that the right or left direction indicator is on, it goes off when the flashers are deactivated.

Indicator lights in operation
The lights on warning light is green and turns on when the engine is enabled.

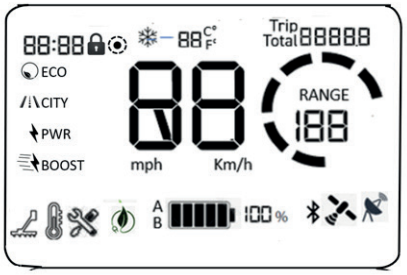
High beam light indicator
The high beam warning light is blue and comes on by operating the selector on the left switch.

Charging indicator
The charging indicator light is amber, yes lights up and remains steady when the battery charger is connected to the mains and the batteries are being recharged. It also lights up when the energy regeneration mode comes into operation.

OBD error detection diagnostic system indicators
The OBD (On Board Diagnostic) diagnostic system lights are amber in color and come on during communication between the vehicle and the external diagnostic device.

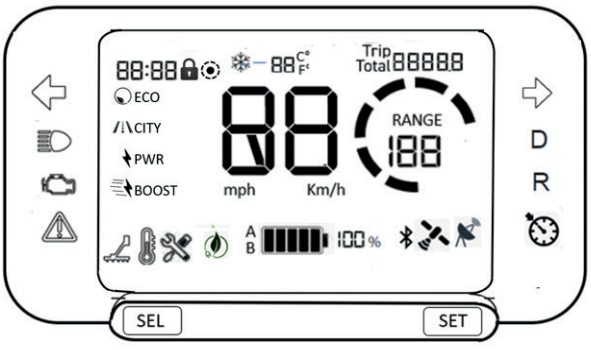
SPEEDOMETER XKP45 2.8 - XKP70 2.8 - XKP80 3.5

The speedometer indicates the current speed.
The value appears in kilometers per hour (km/h).



MENU SETTING BUTTONS

The SELECT and SET buttons must be used to:
• select the parameter to be shown on the display,
• reset the displayed value (km/trip),
• set and confirm new values (time).



DIGITAL DISPLAY (XKP45 2.8-XKP70 2.8-XKP80 3.5)
Through the digital display it is possible to have all the information on the status of the vehicle, more precisely:
• presence of the batteries in compartments A and B,
• battery charge status,
• total mileage travelled,
• partial mileage travelled,
• kilometers that can be covered with the remaining battery charge drums,
• Hour,
• alarms and related error codes.

USE

CHECKS BEFORE DEPARTURE

Before using the scooter it is always good practice to carry out some checks:
- check the battery charge status,
- check the operation of the front light, rear light and direction indicators and the license plate light,
- check the operation of the front and rear brakes,
- check the fluid level in the front brake reservoir,
- check tire pressure,
- check that the saddle is closed in a non-raised position and that the battery charger cables are correctly positioned in the battery compartment.

To carry out these checks correctly, refer to the instructions contained in this manual.

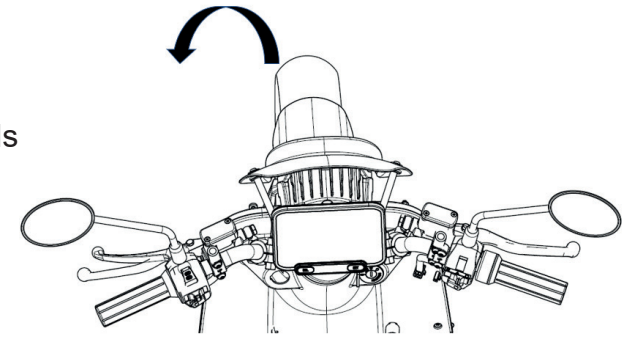
SAFE DRIVING

WARNING	**Before first use, we advise you to try the scooter in areas closed to traffic until you acquire a good knowledge of it.**
WARNING	**Always drive within the limits of your capabilities.**
	**Driving while intoxicated, under the influence of narcotics or certain medicines is very dangerous for oneself and is prohibited by law.**
WARNING	**Before riding, always wear a helmet and fasten it correctly.**
WARNING	**If you are transporting a passenger, before setting off, check that he is wearing a helmet and that he has fastened it correctly.**
WARNING	**Recommend the passenger to always remain firmly attached to the appropriate handle while travelling.**
WARNING	**Avoid starting with the central stand lowered: when the rear wheel comes into contact with the ground it must not turn to avoid an abrupt start.**
AVVERTENZA	**On rough roads, in case of rain, snow or slippery roads, it is necessary to reduce speed and increase the safety distance from other vehicles, driving carefully.**
	**When using the brakes, use both of them to distribute the braking action on both wheels.**
WARNING	**Do not brake hard on wet, dirt or road surfaces slippery.**
	**After driving a long stretch of wet road without applying the brakes, the braking action will initially be less. It is advisable to apply the brakes periodically in these conditions.**
WARNING	**In case of rain, visibility decreases, reduce speed and drive carefully.**
WARNING	**On XKP45 2.8 vehicles, if during acceleration the rear brake is activated at the same time until the wheel locks, this situation causes the control unit to go into protection mode and the vehicle turns off.**

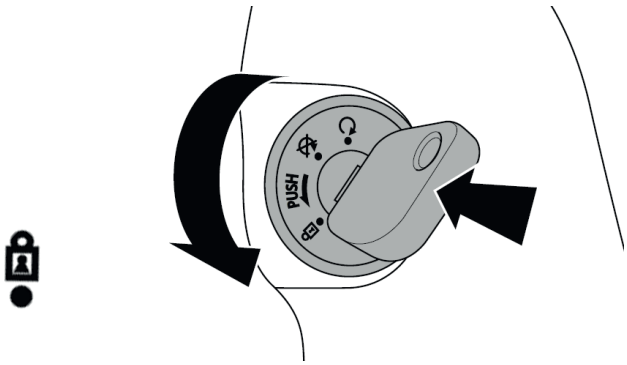
STARTING OPERATIONS

Engaging and disengaging the steering lock

To engage the steering lock, turn the handlebar towards left until the end of the stroke.

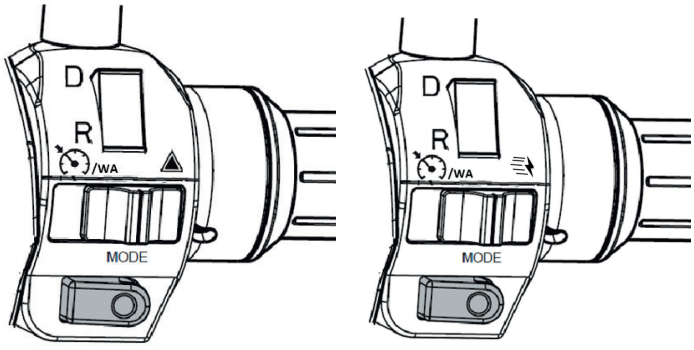


Press the key inwards and turn clockwise counterclockwise; at the same time rotate slightly the handlebar clockwise until the key clicks on the padlock symbol; the steering lock is now engaged and you can extract the key.
To disengage the steering lock, insert the key into switch and turn it to the right.
Turning the key to the right to the icon position the opening of the scooter seat is activated.



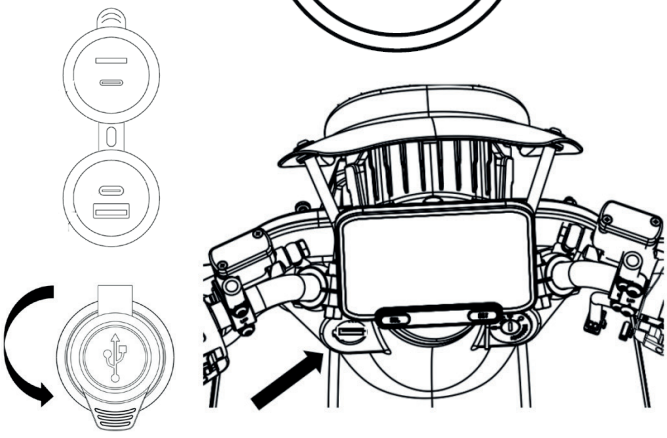
XKP45 2.8 - XKP70 2.8 **XKP 80 3.5**

Engine enable
To be able to start the engine must be enabled.
To enable the engine. insert the key into the switch and turn it on , then press for 1 according to the motor enabling MODE button, the start-up light comes on.
To disable the motor, press the button again Motor enable MODE for 1 second and rotate the key in the switch to the left
Disabling the engine also occurs with the rotation only on of the key.



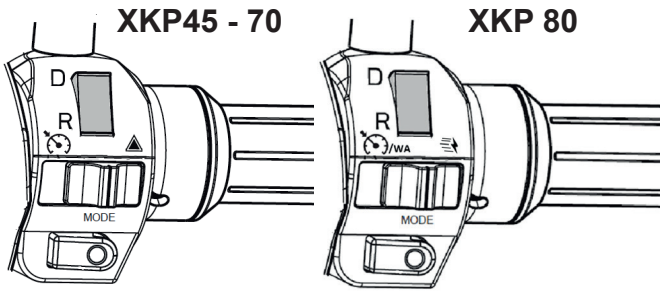
USB socket

The scooter is equipped with a USB socket located in the upper left part of the internal shield of the scooter, on the opposite side of the ignition lock.
The USB socket has an output voltage of 5V, 2A, you can charge smart phones and external devices.

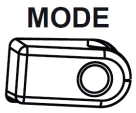


WARNING **When not using the USB socket is recommended keep the socket cover closed, especially in case of rain to avoid infiltrations of water**

Driving mode selection
(XKP45 2.8 - XKP702.8- XKP80 3.5)
Using the switch you can select the following driving modes:
Position D = proceed frontally
Position R = proceed in Reverse gear

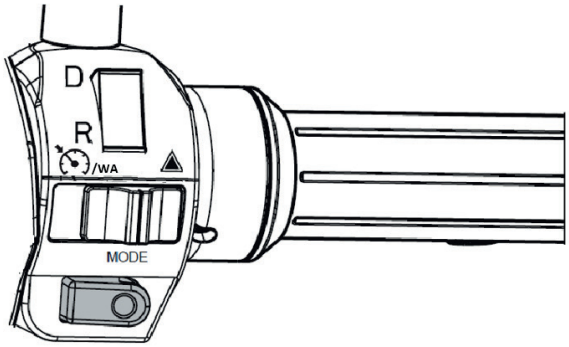


Different driving modes **(XKP45 2.8)**:
Modality **ECONOMY**
Maximum speed: 30 Km/h.
The **ECO** icon appears on the display.
Modality **CITY**
Maximum speed: 40 Km/h.
No icon appears on the display.
Modality **POWER**
Maximum speed: 48 Km/h.
The **PWR** icon appears on the display.
Version XKP45 2.8: autonomy 87 Km*
Version XKP70 2.8: autonomy 93 Km*
* according to UE regulation 168/2013.



The red "**MODE**" button has a double function, holding it pressed for 1 sec.
Consensus is performed when starting the vehicle or turning it off. Pressing quickly press the button to change the assistance modes from **ECO** to **NORMAL** to **POWER** and so on.

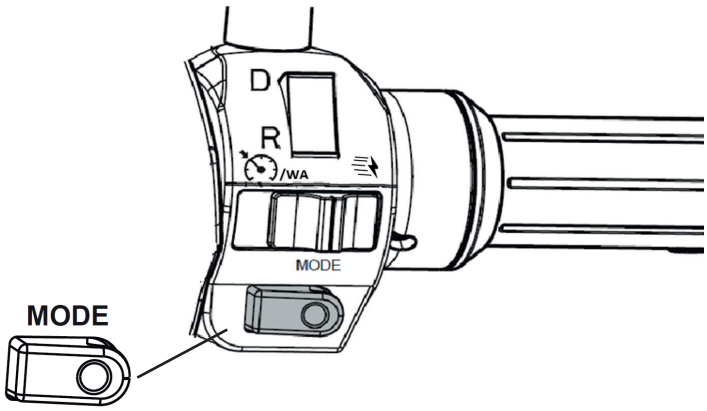
Different driving modes (XKP70 2.8):
Using the switch you can select three different driving modes:
Modality **ECONOMY**
Maximum speed: 30 Km/h.
Modality **CITY**
Maximum speed: 50 Km/h.
These modes are used to minimize the consumption.
Modality **POWER**
Maximum speed: 66 Km/h
The **PWR** icon appears on the display.



Autonomy 96 km according to EC regulation 168/2013.
The autonomy values listed above are valid with the use of 2 batteries connected and at the same time load.

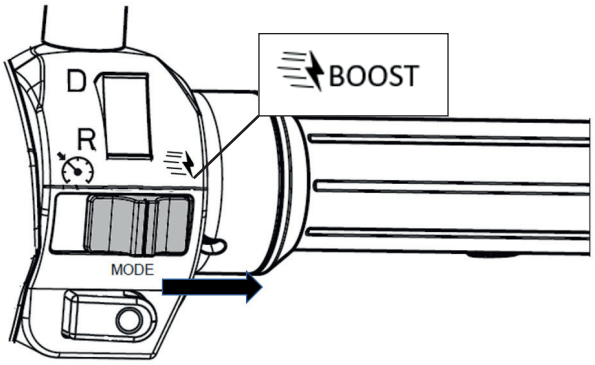
WARNING	**On XKP45 2.8 vehicles, if during acceleration the rear brake is activated at the same time until the wheel locks, this situation causes the control unit to go into protection mode and the vehicle turns off.**

Different driving modes (XKP80 3.5):
Using the switch you can select three different driving modes:
ECONOMY mode
Maximum speed: 30 km/h.
CITY mode
Maximum speed: 50 km/h.
These modes are used to minimize the consumption.
POWER mode
Maximum speed: 70 km/h
The **PWR** icon appears on the display

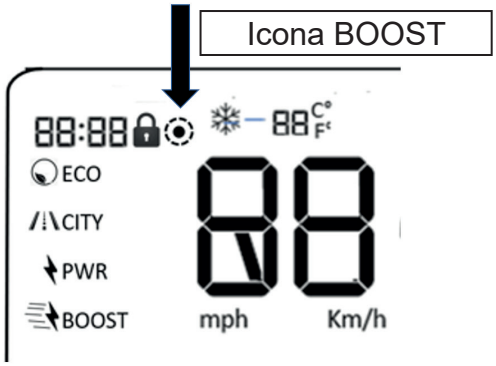


Autonomy 101 km according to EC regulation 168/2013.
The autonomy value indicated above is valid using 2 batteries connected and with the same charge.

BOOST mode (XKP80 3.5): the function is activated bringing the control selector to the position **BOOST**, the function can be activated in any **Eco**, **City** and **Power** mode and increases the acceleration and speed of the vehicle, compared to power mode.
This push lasts 120 seconds, then the **BOOST** thrust is automatically disabled independently.



BOOST mode can be activated if the appropriate icon appears on the dashboard.



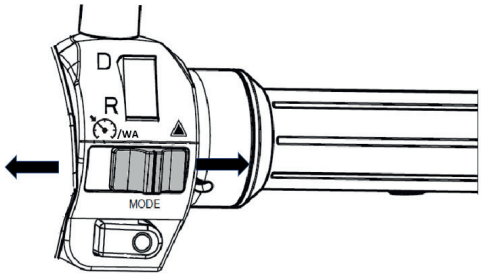
WARNING	**The BOOST function is prohibited under certain conditions, temperature high motor and inverter, high atmospheric temperatures, and in situations of low battery charge percentage.**

WARNING	**In case of rain, visibility decreases, reduce speed and drive carefully.**

Cruise control mode selection, drive 4 parking arrows (XKP45-70 only)

Using the two-position switch you can activate or deactivate the 4 arrow modes and cruise control mode:

XKP45 - 70

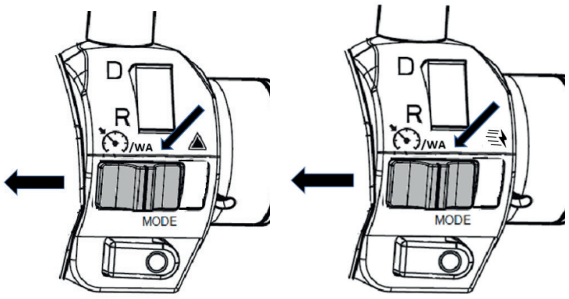


By pressing the button to the right yes they activate the 4 parking arrows, for example disengage the 4 arrows and press the button again to the right,

Pressing the button to the left activates it the cruise control mode, to deactivate the cruise control mode press the button again to the left.

/WA holding the activation button "**Cruiser control**" to the left with the vehicle turned on but not activated with the travel consent button, the Walk assistant mode is activated, the function is used by proceeding on foot, the vehicle proceeds to a speed of 3km/h, this allows help in case you have to push the vehicle by hand. To deactivate Walk Assistant mode release the button which it will reposition itself at the center of the deviation.

XKP45 - 70 **XKP 80**



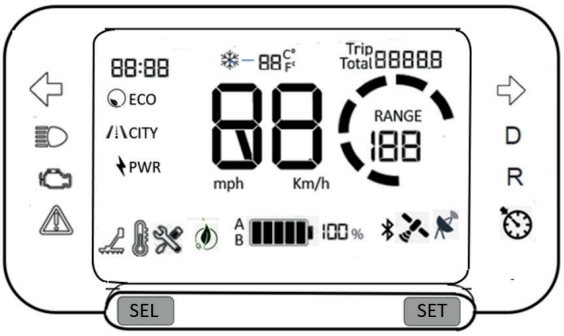
SELECTION OF DISPLAY FUNCTIONS

Odometer data display mode

When turned on, all display lights will remain turned on for a few seconds.

Press **SELECT** to change the parameter shown on the display:

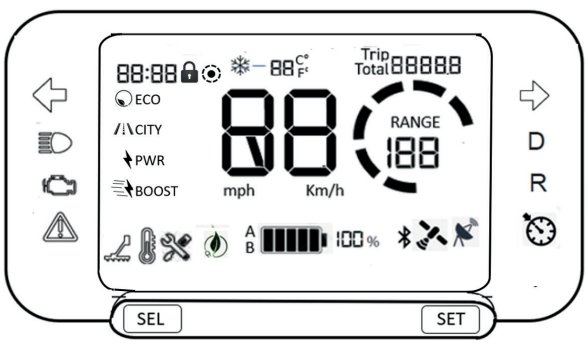
XKP45 - 70



Km Total mileage travelled.
The parameter is not editable.

Km/trip Total mileage travelled
Press and hold **SET** to reset during displaying the parameter.

XKP 80

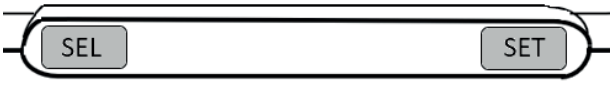


Vehicle autonomy

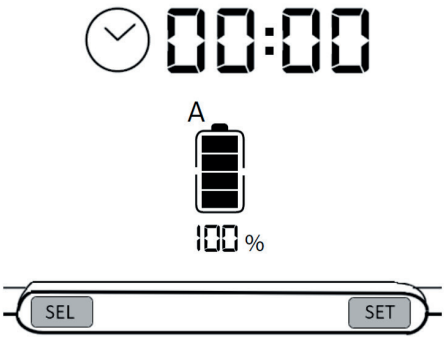
Vehicle autonomy The vehicle autonomy value indicated by the display it is an estimate of the residual mileage of the vehicle standard conditions. The estimate becomes less reliable as the indicated Km decreases.

RANGE Kilometers that can be covered with the remaining charge
of the battery. The value varies depending on the conditions of use, the remaining battery charge, the set driving mode and the regeneration mode selected energy.

WARNING **During BOOST mode the Range is not highlighted**



Adjustment of the clock function and date settings, Km



- Press and hold the **SEL** button to enter mode modification, With **SEL** you can only send the data “forward”. (example: **2024 -> 2025**).
- after setting the desired year with **SEL**, press **SET** for go to the next change or the date.
- Press the **SEL** button to switch day with month, **SET** to move forward: here you can first change the month (always pressing **SET** to move forward) then the day of the month. press **SET** to move forward to the next change i.e the time.
- Press **SEL** to advance to the correct hours and then minutes.
- Press the **SET** button for subsequent modification i.e kilometers or miles (“**km/h or mph**”);
- Press the **SEL** button to choose between km/h or mph, set the correct choice.
- Press the **SET** button to move forward to the next one setting of Celsius or Fahrenheit temperature values (°C or °F), press the **SEL** button to choose between °C or °F.
- Press the **SET** button to exit edit mode.

CONNECTIVITY

The **XKP45 2.8 - XKP70 2.8 - XKP80 3.5** scooters are equipped with Connectivity system that allows the connection of a mobile device to the vehicle.

Connectivity

The connection status is indicated by the appropriate button symbol on the digital display:
– **Symbol on**: the module is connected to a device.
– **Symbol off**: there are no devices connected.

Information for use Connectivity

To access information on the functions relating to vehicle connectivity, use the QR CODE present here

“MY ASKOLL” application

You can download the “MY ASKOLL” application for connection to the TELEMATIC system from “Google Play Store” or “Apple Store”, depending on the operating system of your device (Android / iOS)

Hereby, Askoll EVA S.p.A., Via industria 30, 36031 Dueville (VI) Italy, declares that the GV302TP 4G WW - IP67 radio equipment complies with Directive 2014/53 / EU. The complete text of the EU declaration of conformity is available at the following internet address:
https://www.askollelectric.com/public/130923-142945-compliantdeclarationsigned.pdf
Integration of the device manufacturer’s technical information is available at the following internet address:
https://www.targatelematics.com/tecnologie-ai-e-big-data-per-smart-mobility/hardware-e-black-box/

CONNECTIVITY

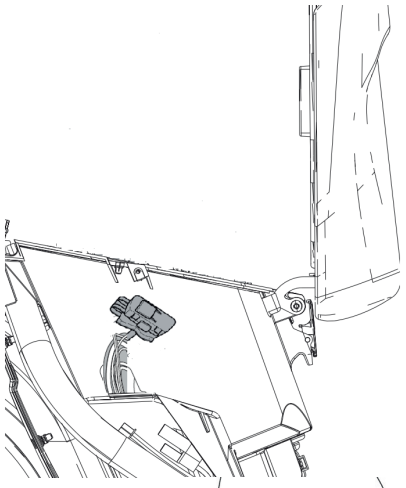
Technical characteristics of the radio equipment device GV302TP 4G WW - IP67

The device includes the following technical features:

GLONASS receiver
• Operating frequency range: 1559 -1610 MHz
GPS receiver
• Operating frequency range: 1559 -1610 MHz
GSM 900
• Operating frequency range: 880-915 925-960 MHz
• Maximum Power Output: Rated 33 dBm
GSM 1800
• Operating frequency range: 1710-1785, 1805-1880 MHz
• Maximum Power Output: Rated 30 dBm
LTE FDD Banda 1
• Operating frequency range: 1920-1980, 2110-217 MHz
• Maximum Power Output: Rated 23 dBm
LTE FDD Band 3
• Operating frequency range: 1710-1785, 1805-1880 MHz
• Maximum Power Output: Rated 23 dBm
LTE FDD Band 8
• Operating frequency range: 880-915, 925-960 MHz
• Maximum Power Output: Rated 23 dBm
LTE FDD Band 20
• Operating frequency range: 832-862, 791-821 MHz
• Maximum Power Output: Rated 23 dBm
LTE FDD Band 28
• Operating frequency range: 703-748, 758-803 MHz
• Maximum Power Output: Rated 23 dBm

OBD DIAGNOSTICS

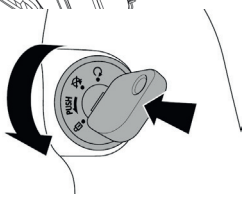
The **XKP45 2.8-XKP70 2.8** and **XKP80 3.5 Euro5** scooter are equipped with the detection diagnostic system **OBD** (On Board Diagnostic) errors, as per the provisions of the **EURO5** Environmental Regulation which came into force on all new vehicles produced from 01 January 2021, the OBD connector is located under the right side of the scooter. According to the requirements linked to the ISO 19689:2016 Regulation, relating to communication between the vehicle and external diagnostic equipment, the OBD connection for the detection of electronic errors is positioned under the seat, inside the passenger handle body.



SADDLE

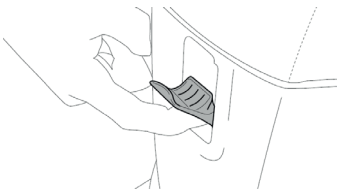
Saddle opening

Turning the key to the left opens the scooter seat.
Closing the saddle will lock the saddle lock automatically.



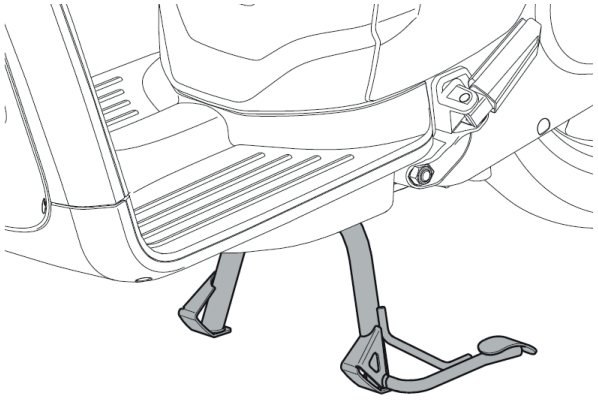
Bag hook

By applying pressure on the lower part of the hook the upper part comes out and it is possible to hang an object on it. By releasing the hook it automatically returns to its seat.



WARNING	**The object transported must not impede or limit the movement of legs.**
WARNING	**Avoid placing the entire weight on the hook alone; the object transported must still be placed on the platform.**

SCOOTER PARKING
Central and side stand

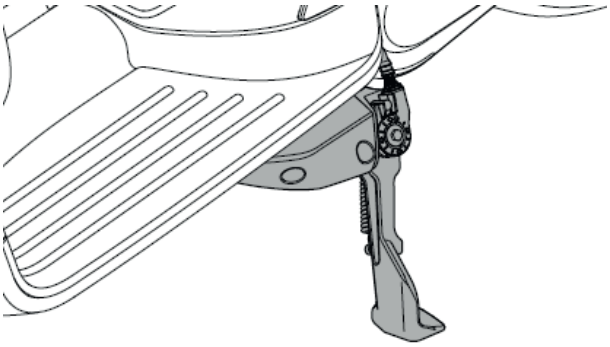


Lower the stand with your foot until it opens complete and at the same time help yourself by lifting the scooter manually, holding it with your hand right to the luggage rack and accompanying it up to complete support of the scooter.

WARNING Lower the stand with your foot until it opens By pushing the scooter forward the stand automatically returns to the position departure: **this operation must always be performed before getting on the scooter.**

WARNING **Avoid remaining seated on the scooter when it is parked on the stand.**

Kick side



Lower the side stand with your foot up fully opened and accompany the scooter up fully supported on the ground.

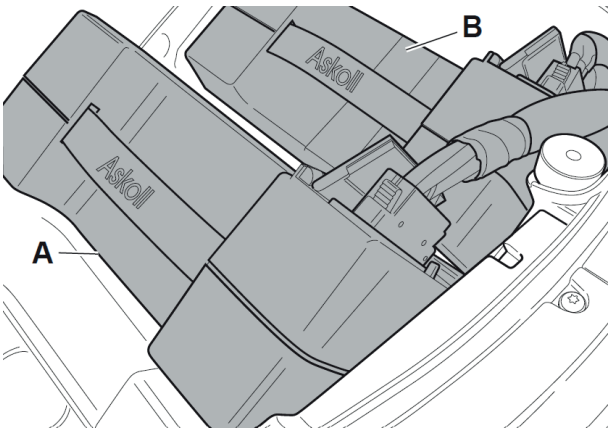
WARNING **Before restarting the vehicle make sure the side stand is raised: a safety sensor prevents enabling of the engine when the stand is lowered**

WARNING **Use the stand on compact and level surfaces.**

WARNING **Pay attention to maneuvers when stationary, in particular when positioning the scooter on the stand to avoid the vehicle falling.**

BATTERIES

Original equipment **XKP45 2.8** and **XKP70 2.8** vehicles are supplied with two lithium-ion batteries.
The vehicles are equipped with **TC115** batteries, the **XKP80 3.5** is equipped with **TC116** batteries.
The two batteries are housed in the two compartments **A** and **B** under the saddle.
Single battery weight: 8.1 kg.
Batteries must be charged at a temperature environment between 0 °C and +45 °C.
At low temperatures a reduction of autonomy.



The vehicle can however circulate using a single battery which can be placed either in compartment **A** or in compartment **B**. The vehicle with a single battery proceeds only in **ECO** mode. The battery is an always active component, slight voltage drops may occur even with the display off.

Battery management when using the scooter for the first time
With new batteries it is necessary to carry out at least 3 - 4 complete charge/discharge cycles, bringing the charge to 100% and discharging the batteries to a value closer to 0%. This allows the batteries to be aligned correctly in the first period of use.

Charge percentage
The remaining charge expressed as a percentage strictly depends on the conditions of use (slope and/or type of surface of the route, ambient temperature, speed, level of motor assistance, tire pressure, weight carried and weight of the user, age of the batteries).
The percentage of charge between the 2 batteries may be misaligned but it is not a symptom of malfunction. When the batteries are running low and fall below the threshold of 20% residual charge (“reserve” mode), it is recommended to recharge the batteries to 100%.

The batteries must never remain with a residual charge of less than 20% for more than 1 week. <u>If the scooter is not used for long periods, it is recommended never to leave the batteries completely discharged, but to always charge them to 100%, and disconnect the batteries from the scooter.</u>

When the scooter is not being used, if the batteries are left inside the scooter and connected to the vehicle, it is necessary to keep the battery charger connected to the electricity mains, the battery charger has the function of “maintenance” of the batteries by maintaining the charge level constant , check the charging status once a month

<u>Failure to comply with the above provisions will void the battery warranty</u>
If 100% charged batteries are stored outside the vehicle, check the maintenance of the charge every 2 months.
After leaving the batteries unused for a long period, recharge the batteries to 100%.

⚠	**If the scooter remains with the engine off for a long period of time in an environment with low temperatures (between 0 °C and +10 °C), charging times may be longer.**
⚠	**If the scooter is not used for a long time, the batteries must be recharged at least once every two months. In any case, the batteries must never remain with a residual charge of less than 20% for more than 30 days.**
⚠	**Batteries should not be used in ambient temperatures outside the range of -10°C to +45°C.**
⚠	**Batteries should only be recharged using the charger provided by the manufacturer**
⚠	**The batteries must not be subjected to impacts and must not show signs of external damage of any kind.**
⚠	**The batteries, both during charging and storage, must not be exposed to sources of heat/cold, humidity, dust or bad weather.**
⚠	**The warranty covers battery malfunctions resulting from manufacturing defects, inability to recharge and discharge.**
⚠	**The warranty does not cover degradation of battery performance due to normal use and aging of the batteries.**
⚠	**The manufacturer reserves the right to evaluate the validity of the warranty based on the analysis of the batteries.**
⚠	**Never disconnect the electrical system cables with the engine running to avoid damaging the battery**
⚠	**Disassembling and/or tampering with the batteries will void the warranty**
⚠	**With respect for the environment, batteries, at the end of their life cycle, must be discarded, collected and disposed of according to current laws.**
	**Do not use this battery for purposes other than those indicated. Use for purposes other than those intended may give rise to short circuits inside the battery which could catch fire.**
	**Fire hazard** **• Do not disassemble or break the battery** **• As a result of an accident with serious mechanical damage to the battery, short circuits may occur inside the battery itself and the latter it could be damaged or catch fire.** **• In the event of an accident, leave your vehicle outdoors for an hour, as appropriate distance from any flammable materials. With one finger, briefly touch e the battery carefully. If you feel unusual heat development elevated, leave your vehicle where it is located. Don't continue for no reason to use it. As soon as the battery cools down, transport the vehicle at your dealer.** **• If there are flames or smoke rising from the battery, stop immediately the vehicle. Then put out the fire with a fire extinguisher, if available. If not you have a fire extinguisher at your disposal, wait until the fire is extinguished and all the vehicle parts have cooled down. If there is a risk of the fire spreading to nearby objects, immediately inform the Fire Brigade.**
	**With respect for the environment, batteries, at the end of their life cycle, must be discarded, collected and disposed of according to current laws.**

Disposal of used batteries

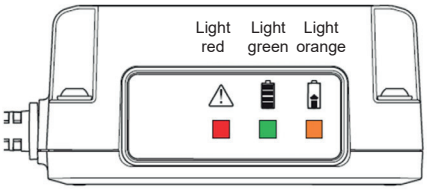
At the end of its useful life, a battery pack containing lithium batteries must be disposed of according to current regulations and cannot be thrown away as simple waste.
The European Directive for this type of waste establishes that the States adhering to this convention undertake to adopt “appropriate measures” so that used batteries are collected separately, for the purposes of their possible recovery or disposal.
In any case, for more updated information on the subject the user is invited to contact the municipal office responsible for this interest.

BATTERY CHARGER

The battery charging operation takes place using the specific battery charger supplied.
The charger supplied with the vehicle is the SMART PLUS model, which offers higher performance and shorter charging times.

The supplied charger is designed for predominantly indoor use.

SMART PLUS BATTERY CHARGER



This charger is intended to be used exclusively with Askoll vehicles.
The charger is activated only when connected to the mains with the appropriate power cable.

Charger functions

– **LEDs off**: battery charger not connected to the mains.
– **GREEN LED on**: battery connected and charged.
– **ORANGE LED flashing**: battery connected but with high internal temperature, charging not operational, let the battery cool down for a few minutes, or it may indicate the presence of a battery error. If the problem persists, take the battery to a service center.
– **ORANGE LED on**: charging in progress.

During the charging phase, the charging progress is indicated by the GREEN LED via quick flashes corresponding to this coding:
1 GREEN LED flash: very low battery.
2 GREEN LED flashes: medium charged battery.
3 GREEN LED flashes: battery close to full charge.
NOTE: if there are two batteries connected together via the charge splitter accessory, the indication refers to the more discharged battery of the two.
– **Intermittent RED LED**: indicates a high temperature of the battery charger, charging can continue at reduced or very reduced speed with longer charging times. Place the charge batteries in a cool place and never on top of a battery. Make sure the ventilation grills are free and that the fans are working correctly, otherwise you need to contact a professional assistance center.
– **RED LED on**: error detected, charging not possible. Try disconnecting and reconnecting re from the battery and the mains. If the problem persists, contact a service center.

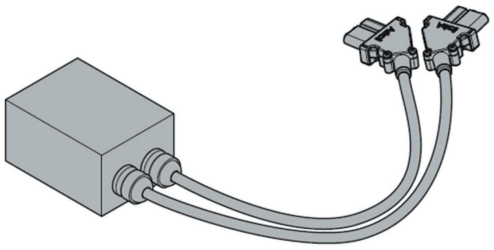
Turning on the fans

The charger fans turn on in the following conditions:

– The first 2 seconds after connecting the charger to the electrical power supply
– The battery charger is being charged.
– The internal temperature of the charger is above 50° C.

Charge splitter accessory

The charge splitter accessory, supplied and usable exclusively with the SMART PLUS model battery charger and in “OFF BOARD” mode, it allows you to recharge two batteries at the same time.



The charger is not intended to be used by people whose physical, sensory or mental capabilities are reduced, or who lack experience or knowledge, unless they have been able to benefit, through the intermediation of a person responsible for their safety. , surveillance or instructions regarding the use of the charger itself.
Keep the charger and batteries out of the reach of children, make sure they do not play with the devices.

Risk of electric shock

- **This appliance is equipped with a 3-pole cable with a plug with a grounding contact Earth. Make sure that the power socket is also 3-pole with contact of earthing. Otherwise, contact an electrician to replace the socket.**
- **Do not attempt to defeat the safety grounding pin of the 3-prong plug.**
- **Connect the appliance to an electrical power supply protected by a differential switch with a sensitivity not exceeding 30 mA.**
- **The electrical connection of the appliance must comply with the data shown on the electrical data label of the same.**
- **Do not use extension cables. If the length of the power cord is insufficient, contact a qualified electrician or installer.**
- **Do not cut and/or repair the power cord**
- **The power cord of this appliance is of a special type: if applicable If damaged, it must be replaced by the manufacturer or its service technical assistance or in any case by a person with similar qualifications, in such a way to prevent any risk.**

The battery chargers mod. SMART PLUS are intended to be used exclusively to recharge batteries mod. TC115 in indoor environments. Do not use battery chargers for purposes other than those indicated.

Risk of burns: always wait until the charger has cooled down first to touch or manipulate it.

Once charging is finished, wait until the charger has cooled down and then store it in the battery compartment or in a protected indoor environment.

CHARGING THE BATTERIES

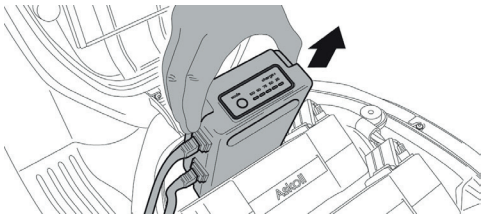
The battery charge level is visible on the left on the vehicle's digital display. On the display, icon **A** indicates the charge of the battery housed in compartment **A**, icon **B** indicates the charge of the battery housed in compartment **B**. When the charge level is close to 0% it is necessary to proceed with recharging.
The battery charging operation can be performed in two ways:

CHARGING WITH ON BOARD BATTERY
CHARGING WITH OUTBOARD BATTERY

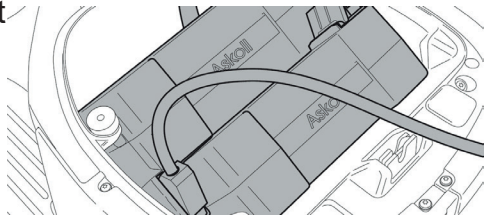
WARNING: if you operate the charger with the active vehicle, the scooter will produce a sound for 10 sec., then disconnect the battery charger from the mains, wait for the scooter to turn off completely, then reconnect the battery charger to the mains, this operation guarantees that the batteries will start charging, otherwise the battery charging may not start

⚠	**Risk of burns: always wait until the charger has cooled down first to touch or manipulate it.**
⚠	**Once charging is finished, wait until the charger has cooled down and then store it in the battery compartment or in a protected indoor environment.**

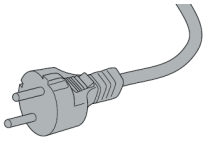
CHARGING WITH ON BOARD BATTERY



To recharge with the on-board battery, proceed as follows.
Disable the system.
Lift the saddle, remove the battery charger from its seat and place it on the rear luggage rack: this operation avoids overheating the battery compartment during charging.
Check that the batteries are correctly inserted in the compartments and connected to the connectors, finally connect the charging cable.



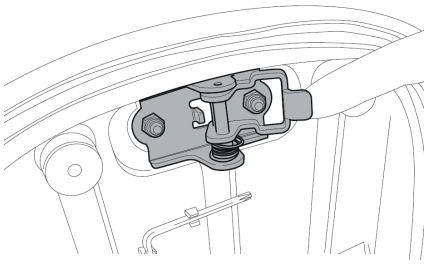
Connect the charger plug to the mains.



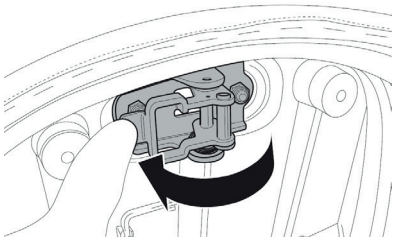
When charging is in progress, the amber warning light will come on on the instrument panel and will remain on until the plug is removed from the mains.

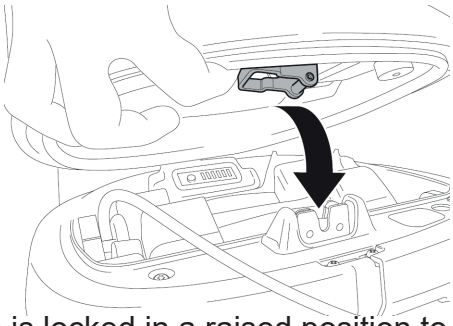
Saddle locking in raised position for cable passage

During charging operations with the battery on board it is possible to close the saddle using its lock while still maintaining a sufficient opening for the passage of the charging cable.
This can be useful in case you proceed to charging outdoors, thus maintaining a cover on the batteries such as to allow the heat to escape generated by the charging process.
Open the saddle, move the spring locking mechanism to the left and hold it pressed.

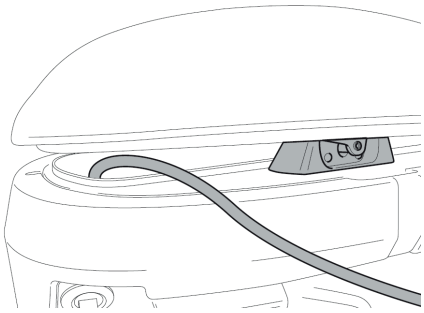


Close the saddle while keeping the mechanism pressed.

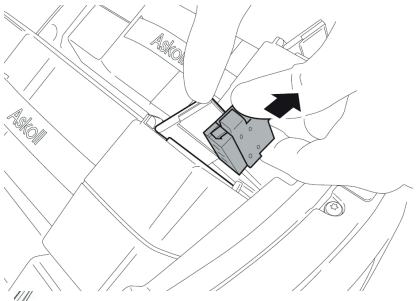




The saddle is locked in a raised position to allow the passage of the charging cable.

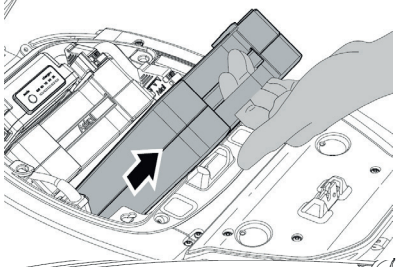


By opening the lock with the key and lifting the saddle, the mechanism will automatically return to the saddle original position.

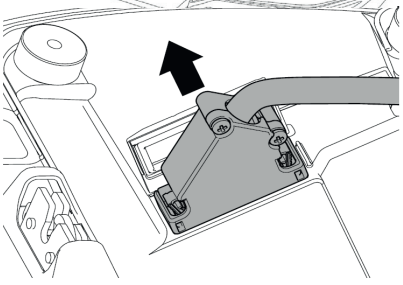


WARNING the saddle locking system in a raised position for the passage of the cable may be a device NOT present on the scooter

CHARGING WITH OUTBOARD BATTERY CHARGER
The charger can be pulled out to allow recharging a battery leaving the scooter there possibility of traveling only with the other.
Disconnect the cable from the battery.

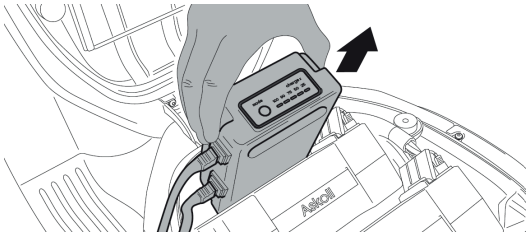


Remove the battery from the compartment using the lifting the appropriate handle.
Once removed, hold it with both hands.



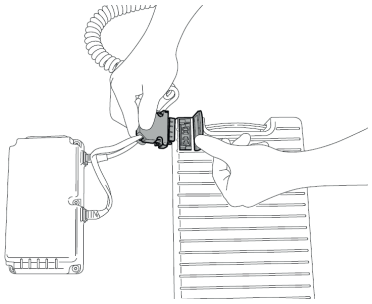
Disconnect the charger cable connector from its power socket

Remove the battery charger from its housing together to its two cables.

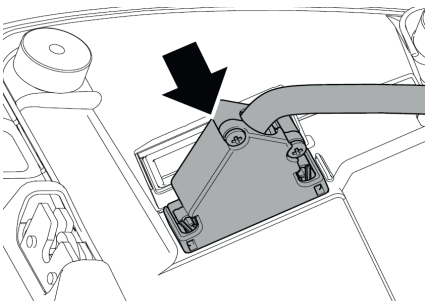


When removing the battery charger, it is recommended to handle it with care to avoid dropping it on yourself or on the ground.

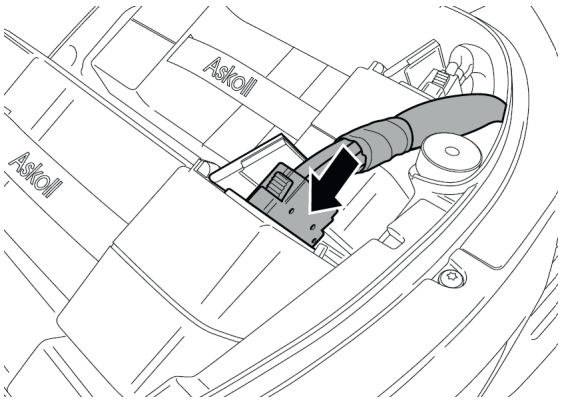
Place the battery and charger on a flat surface stable.
First connect the charger cable to the outlet of the battery located under the spring-loaded door.
making sure to insert it as far as it will go, then connect the battery charger to the mains.



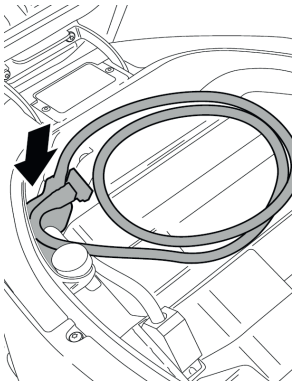
At the end of the charging operations, replace the charger and battery in the scooter compartment following these steps:
first place the battery charger back on the vehicle e connect the cable with connector to the socket on the vehicle.



Place the battery back in its compartment while holding it from the handle and reconnect the vehicle cable with connector to the socket under the spring-loaded door on the battery, insert the connector as far as it will go and check that it is well insured.



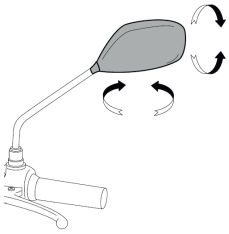
Then place the power cord plug a side of the battery charger and rewind the cable onto it battery.



ADJUSTMENTS

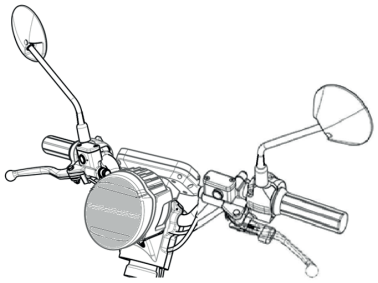
REAR VIEW MIRRORS

The two are mounted on the right and left sides of the handlebar rear-view mirrors whose adjustment is possible by manually rotating the stem until the mirror is in the desired position.



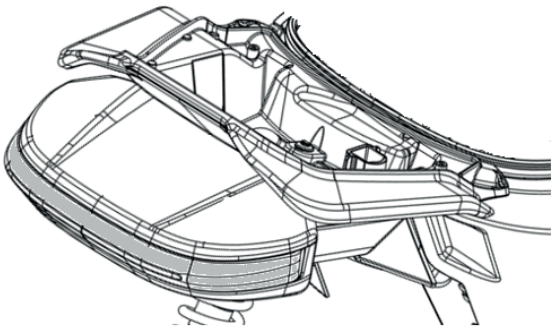
HEADLIGHT

In scooters mod. XKP45 2.8 - XKP70 2.8 - XKP80 3.5 the front headlight is equipped with a LED bulb and does not need to be replaced.
In case of exhaustion the bulb must be the complete headlight was replaced.
For replacement, contact an authorized dealer authorized assistance.



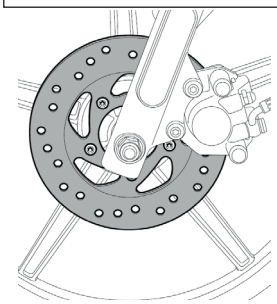
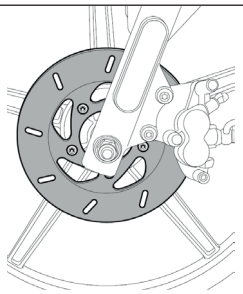
REAR LIGHTS AND INDICATORS DIRECTION

The rear light cluster, the direction indicators front and rear and license plate light are equipped of LED lights and are integrated into the structure of the vehicle.
To replace them, contact an authorized dealer authorized assistance.



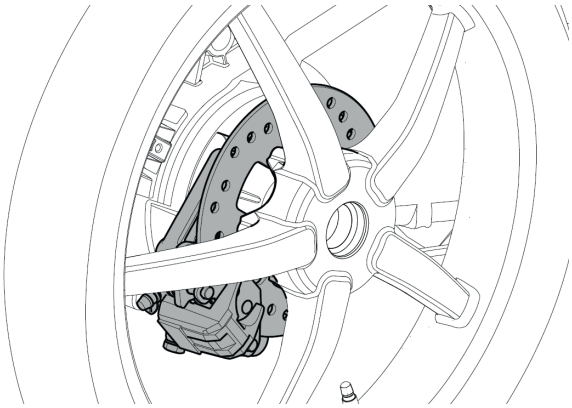
FRONT DISC BRAKE

Disc and pad wear is compensated automatically, therefore it has no effect on the operation of the brake and does not require adjustments.
If excessive travel is detected and the lever comes too close to the knob when activating the brake, it could mean the presence of air in the circuit or irregular functioning of the brake itself.
An effective braking action must begin after approximately 1/3 of the brake lever travel.

XKP45	XKP70 - XKP80
	

REAR DISC BRAKE (XKP45-XKP70- XKP80)

Disc and pad wear is compensated automatically, therefore it has no effect on the operation of the brake and does not require adjustments.
If excessive travel is detected and the lever comes too close to the knob when activating the brake, it could mean the presence of air in the circuit or irregular functioning of the brake itself.
Effective braking action must begin after approximately 1/3 brake lever travel.

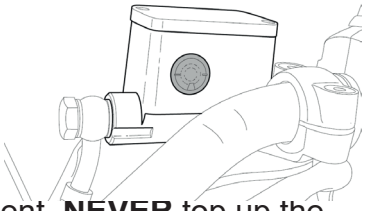


REAR DISC BRAKE WITH COMBINED FUNCTION (XKP70 2.8-XKP80 3.5 only)

The scooter mod. XKP70 2.8 and XKP80 3.5 uses double braking: activating the rear brake also automatically activates the front brake.
The distribution has prevalence on the rear and the adjustment of the rear adjusting nut affects both wheels.

WARNING	**If the brake works poorly, check the wear and tear of the brake pads. If their thickness is very low, both should be replaced, an operation to be carried out. carry out at an authorized service point.**
WARNING	**After replacing the pads, operate the brake lever several times to reposition the pads and bring the lever to the right position.**

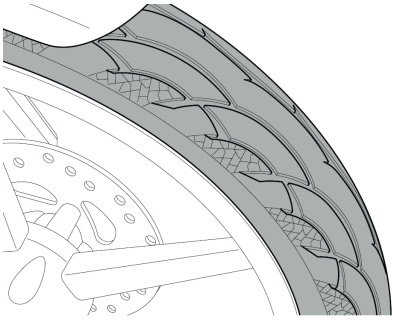
CHECKING THE FRONT and REAR BRAKE FLUID LEVEL



The front and rear brake fluid reservoir is equipped with a viewing window inspection to check the level of the liquid contained inside the reservoir. To check the liquid level in the tank, it is possible observe the porthole through the specific slot located in the part right front of the handlebar cover (front brake), for rear and located on the left side. If the brake fluid level is low or insufficient, **NEVER** top up the tank but check the wear of the brake pads and disc and check for any leaks in the braking circuit.

WARNING	**The brake circuit fluid is hygroscopic, i.e. it absorbs humidity from the surrounding air. If the humidity in the liquid exceeds a certain value, braking will be inefficient.**
WARNING	**It is advisable to have the fluid replaced every 2 years, never use brake fluid contained in already opened or partially used containers.**
WARNING	**Verify that only DOT4 rated brake fluid is used.**
WARNING	**The braking circuit fluid has a high corrosive power. Avoid allowing it to come into contact with the skin or painted parts. In case of contact with skin, wash with plenty of water.**

ORDINARY MAINTENANCE PROCEDURES TIRES



The vehicle is equipped with tubeless tires.
Check tire pressure regularly adjust it, if necessary, before travelling.

XKP45 2.8 - XKP70 2.8 - XKP80 3.5

Front tire pressure 2 bar.
Rear tire pressure 2,8 bar.

The tires are equipped with a wear indicator and the replacement must be carried out as soon as these indicators are visible on the tread.
Also check for cuts on the tire sidewalls or uneven wear. Then contact authorized workshops for replacement.

⚠	**Always check tire pressure when cold, incorrect pressure causes abnormal tire wear and makes driving dangerous. The tire must be replaced when the tread reaches the limit wear and tear foreseen by current regulations.**

SUMMARY TABLE OF ORDINARY MAINTENANCE PROCEDURES
C: check; R: regular; L: lubricate; S: replace

Years	1° Check	1 Year	2 years	3 years	4 years	5 years	6 years	7 years	8 years
Km x 1.000	2	6	12	18	24	30	36	42	48
Brake fluid front/rear (replace every 2 years)			S		S		S		S
Brake pad wear front/rear	C	C/S	C/S	C/S	C/S	C/S	C/S	C/S	C/S
Check brake disc front/rear	C	C/S	C/S	C/S	C/S	C/S	C/S	C/S	C/S
Brake shoe wear rear		C/R/S	C/R/S	C/R/S	C/R/S	C/R/S	C/R/S	C/R/S	C/R/S
Transmission belts	C	S	S	S	S	S	S	S	S
Checking the pulleys	C	C/S	C/S	C/S	C/S	C/S	C/S	C/S	C/S
Nuts bolts devices fixing	C	C	C	C	C	C	C	C	C
Stands	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L
Steering bearings	C	C	C/R	C	C/R	C	C/R	C	C/R
Front/rear tire	C	C/S	C/S	S	C/S	C/S	S	C/S	C/S
Front fork/shock absorber rear	C	C	C	C	C	C	C	C	C
Check electrical devices and operation electrical system	C	C	C	C	C	C	C	C	C

NOTE: (*) ALWAYS carry out the first vehicle check at **2000 km**.
Service deadline: coupons must be carried out within the indicated mileage interval. If you do not reach the indicated distance, it is still mandatory to carry out a service I check every year.

VEHICLE CLEANING

To avoid the onset of oxidation, wash the scooter every time it is used in particular atmospheric or road conditions, such as roads sprinkled with salt or anti-ice products in the winter, air pollution conditions such as cities, industrial areas, high salinity areas or humidity, in the atmosphere such as maritime areas.
Avoid long-term deposits of dirt, industrial dust residues, dead insects, bird droppings, etc. from remaining on the bodywork.
Use a low-pressure water jet to soften the dirt deposited on the painted surfaces, then remove them with a soft bodywork sponge soaked in plenty of water and shampoo and then rinse and dry with chamois leather.
Avoid washing the scooter directly in the sun, especially in summer, to prevent the
If the bodywork heats up, the shampoo should be dried immediately before rinsing and this could cause damage to the paintwork.

	**Do not use high pressure water jets for washing, to avoid damaging delicate vehicle components.**
	**When washing, never direct the water jet directly at it delicate components such as electrical wiring and their connections.**
	**Never use rags soaked in petrol, alcohol or liquids potentially corrosive for washing painted, plastic or surfaces for the saddle covering to avoid loss of shine and mechanical characteristics of the materials, or their damage.**
	**Washing the scooter must be carried out in areas equipped for washing collection and purification of the liquids used.**

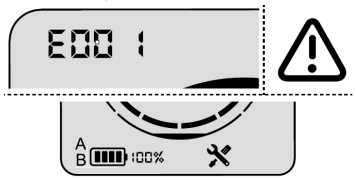
VEHICLE INACTIVITY

In preparation for a long period of inactivity it is advisable:
- carry out a general cleaning of the scooter,
- carry out storage in a covered place,
- park the scooter on the stand to prevent the wheels from remaining in contact with the ground same position,
- cover the scooter with a tarpaulin.

ERROR CODE

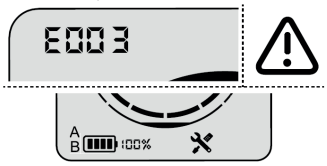
XKP45 - XKP70 - XKP80

Communication system failure: Communication problems are detected between the vehicle's intelligent units. We recommend taking the vehicle to an authorized workshop.

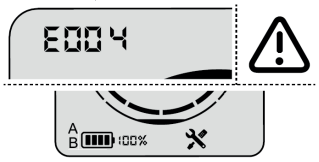


Inverter fault: the system detects a fault in the Inverter unit. We recommend taking the scooter to an authorized workshop.

ECU Failure: The system detects a failure on the ECU unit. We recommend taking the scooter to an authorized workshop.



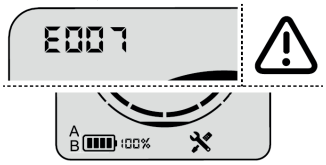
Power circuit failure: the system detects a abnormal motor absorption. For the sake of safety the system does not deliver power. We recommend take the vehicle to an authorized workshop.



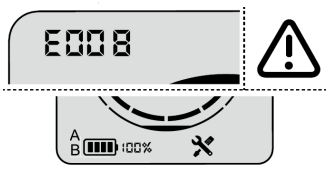
Battery A fault: the system detects a fault in the battery pack A. We recommend bringing the battery at an authorized workshop.

Battery Fault B: the system detects a pack fault battery B. We recommend taking the battery to an authorized workshop.

Battery overtemperature: the system detects an excessive temperature of the battery and therefore inhibits the supply of power to the vehicle. It is necessary to move the vehicle away from high temperature environments and wait for the batteries to cool down.



Inverter overtemperature: the system detects an excessive temperature of the electronic unit.
The power supply to the vehicle is inhibited until the temperature does not drop. It is advisable to move the vehicle away from heat sources.

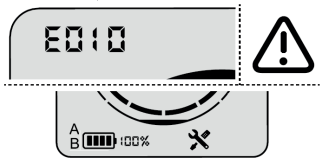


ERROR CODE

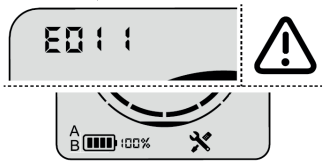
XKP45 - XKP70 - XKP80

Engine overtemperature: the system detects an excessive engine temperature. Operation at reduced power is permitted to allow cooling.

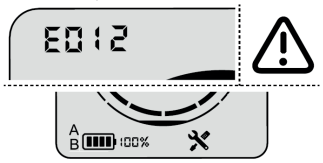
Front headlight malfunction: the system detects the breakage or malfunction of the front lamp.
Check its functioning and replace it at an authorized workshop.



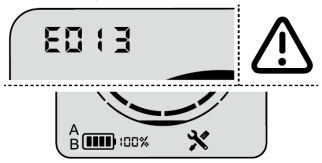
Direction indicator malfunction: the system detects the breakage or malfunction of the direction indicators. Check their operation and replace them at an authorized workshop.



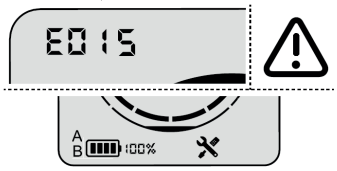
Malfunction of the rear light and license plate light: the system detects breakage or malfunction of the rear light and license plate light. Check their operation and replace them at an authorized workshop.



Front position light circuit fault: the system detects a short circuit on the front position light.

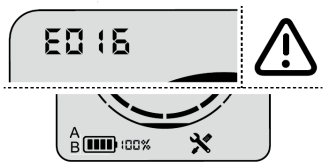


Side stand sensor fault: control system detection of abnormal signal on stand.
Phase 1 check the integrity of the HighLow level signal of the two inputs – Pin 1-2-4 on the CONN INVERTER signal.
To verify functionality, measurement is required the inversion of the 2 signals in the indicated pins and if not, replace the sensor.

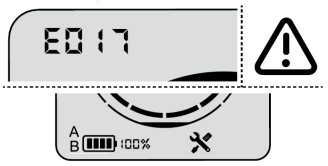


XKP45 - XKP70 - XKP80

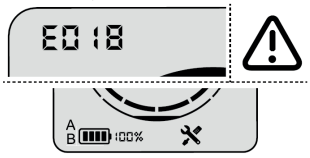
12V display fault: the system detects the breakdown or the display malfunction



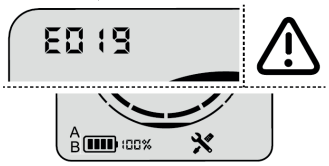
12V handlebar controls fault: the system detects a short circuit in the handlebar controls



12V AUX output fault (or USB): the system detects a short circuit at the device connection output socket.



Electronic non-compatibility fault: the system detects an electronic incompatibility between the electronic components (for example the installation of the control unit or inverter that is not compatible).

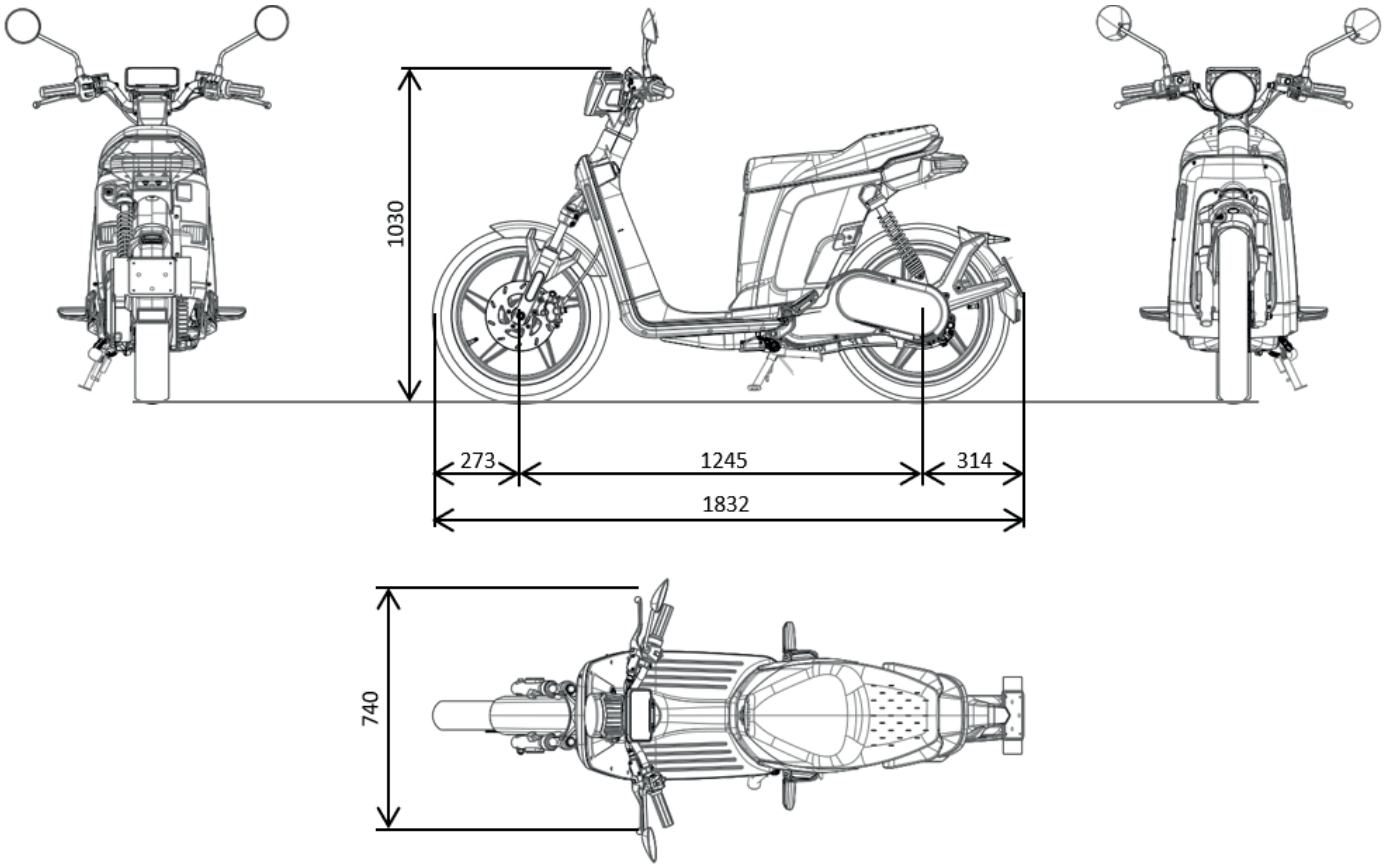


Steering lock engaged: The system detects the steering lock engaged with the ignition key in the ON position

Immobilizer Armed: The system detects that the immobilizer is armed with the ignition key ON

TECHNICAL DATA

DIMENSIONI DELLO SCOOTER



MODEL	XKP45 2.8	XKP70 2.8	XKP80 3.5
ENGINE			
Model	Brushless permanent magnet sinuisodal engine		
Engine type	EME 201		EME 202
Operating voltage	48V		
Maximum power	2.7 kW electronically limited * with 2 batteries connected and with the same charge according to 168/2013 UE		4.1 KW (3.5 version with 2 batteries connected with the same charge) according to 168/2013 EU

BATTERY			
Model	TC115		TC116
Charge	LI-ION		
Weight	8,1Kg		
Autonomy	71 Km *with 2 batteries connected and with the same charge, according to 168/2013 EU	96 Km *with 2 batteries connected and with the same charge, according to 168/2013 EU	101 Km *with 2 batteries connected and with the same charge, according to 168/2013 EU
Operating temperature	In operation -20°C to +45°C		

MODEL	XKP45 2.8	XKP70 2.8	XKP80 3.5
VEHICLE DATA			
Length	1830mm		
width	740mm		
Wheelbase	1245mm		
Connection height mirrors	1030mm		

VEHICLE DATA	
Tire pressure front	2,5 bar
front Tire pressure rear	2,8 bar
Weight in running order	77 Kg
Heavyweight admissible	260 Kg (vehicle + driver + additional load)
Heavyweight eligible for rear luggage rack	10Kg centered on the roof rack
seat	2
Transmission	Mixed poly-v / toothed belt

LIGHT UNIT DATA FRONT	
Headlight	LED
Direction indicators	LED
Dasboard lights	LED

LIGHT UNIT DATA REAR	
Taillight	LED
Stop light	LED
Direction indicators	LED
License plate light	LED

Askoll

Askoll EVA SpA
Electric Vehicle Askoll

EU declaration of conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer

Producer: Askoll EVA S.p.A.

Address: Via industria 30, 36031 Dueville (VI), Italia

Subject of the declaration

Description: Charger for e-Scooter battery pack

Type: TVC20x; TC20x

Models: TVC202; TC203; TC204; TC205; TC206

The object of the declaration described above complies with the following Union harmonization legislation on the matter:

Directive 2014/35/EU (LVD);

Directive 2014/30/EU (EMC);

Directive 2011/65/EU; Delegate Directive (EU) 2015/863

The following harmonized standards have been applied:

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021;

EN 60335-2-29:2004 + A2:2010 + A11:2018;

EN 62233:2008;

EN 55014-1:2017+A11:2020; EN 55014-2:1997+A1:2001+A2:2008+AC:1997

EN 61000-3-2:2014; EN 61000-3-3:2013;

EN IEC 63000:2018

Place	**Date**	**Name, role, signature**
Dueville	19/10/2021	Gian Franco Nanni (CEO)

CE

1. Contents of the conventional warranty

1.1. Askoll EVA s.r.l. a socio unico with headquarters in Via Industria, 30 36031 Dueville (VI), Italy, code tax and registration number in the Vicenza Registry 03873430247 (hereinafter for brevity "Askoll"), a company belonging to the group managed and coordinated by the Askoll Holding company S.r.l., guarantees that each electric vehicle it produces (bikes and mopeds) (hereinafter for brevity the "Electric Vehicle"), including the related components and accessories under the Askoll brand, is free from design and/or manufacturing defects (hereinafter for brevity the "Warranty") ai these terms and conditions (hereinafter for brevity the "Warranty Conditions").

1.2. The Warranty starts from 00.00 on the day of delivery of the Electric Vehicle by of the authorized Askoll sales point to the first purchaser (hereinafter for brevity the "Customer") e will have a duration of 36 (thirty-six) months respectively, excluding the members of the Electric Vehicle subject to loss of efficiency such as, by way of example: the tyres, belts, flexible controls, friction details such as brake pads, the battery of the vehicle if not adequately maintained with Askoll battery chargers, etc. This duration is to be considered valid both for Customers qualified as "consumers" pursuant to Legislative Decree 6 September 2005 n. 206 (hereinafter the "Consumer Code") and for Customers other than consumers, such as professionals, legal entities and private or public bodies. It will also be It is possible to extend the warranty on the vehicle up to a maximum of 72 (seventy-two) months only and exclusively by purchasing the warranty extension at the same time as purchasing the Electric vehicle itself. The Guarantee will be considered valid only and exclusively if the Customer user will carry out the correct maintenance of the vehicle in his possession by carrying out the operations described in the Maintenance Table indicated in the Use and Maintenance manual. Such activities must be carried out at assistance centers authorized by Askoll and the interventions must be registered by the same authorized center in this booklet and on the portal dedicated.

1. Contents of the conventional warranty

The Warranty will be considered valid only if the Customer-user carries out correct maintenance of the vehicle in his possession by carrying out the operations described in the Maintenance Table indicated in the Use and Maintenance booklet.

These activities must be carried out at assistance centers authorized by Askoll and the interventions must be recorded here.

1.3. The validity of the Warranty, in the event of transfer of ownership of the Electric Vehicle, continues regardless of the change in ownership of the vehicle under the conditions provided in these Warranty Conditions.

1.4. Where a design and/or manufacturing defect is found, reported accordingly to the Warranty Conditions, the Customer has the right to free repair of the defect itself at the Askoll assistance network.

1.5. Askoll will bear the costs for repairs or replacements of defective parts and labor required for such repairs or replacements. The choice of remedy between repair or replacement (which can be carried out with the use of rotation material, when the technical characteristics allow it, or new) is up to Askoll depending on the entity of the defect and the economic convenience of one remedy compared to the other, without prejudice to compliance with the Quality, safety and reliability of the repair or replacement itself. If the repair of the defect is impossible, excessively burdensome or, finally, of uncertain outcome, Askoll may replace the electric vehicle free of charge with a new one from the factory, of the same model preparation of that replacement object.

GENERAL WARRANTY CONDITIONS

1. Contents of the conventional warranty

1.6. If during the course of the repair it turns out that the intervention is not among those covered from the Warranty, the cost of the repair must be entirely covered by the owner of the vehicle.

1.7. Defective parts replaced under warranty become the property of Askoll.

1.8. The time required for repairs does not extend the warranty period. The repair work and/or replacement as well as new parts replaced under warranty or repaired during its validity of the legal guarantee, a new two-year limitation period does not begin to run for the replaced part, but the deadline for the first delivery of the goods continues to run, a depending on the duration of the warranty period applicable to the first purchaser of the Vehicle Electrical repair object. If, however, the spare part is replaced after period of validity of the legal guarantee of the complex good, the replaced part will be covered from the two-year legal guarantee starting from the moment of delivery or installation. In essentially, the legal guarantee applies to “spare parts” only if the replacement of the itself occurs outside the warranty period.

1.9. The Guarantee does not cover the mobility service.

2. Exclusions

2.1. Normal maintenance services of the Electric Vehicle are excluded from the Warranty.

2.2. Components of the Electric Vehicle subject to loss of efficiency are excluded from the Warranty, wear or deterioration following normal use or operation of the Electric Vehicle (such as, by way of example only: tyres, belts, flexible controls, i friction details such as brake pads, the vehicle battery.

2.3. The Warranty is not applicable to defects other than or unrelated to those of design or manufacturing; therefore the Warranty does not specifically cover, but is merely an example of tive, any repairs or replacements for faults and/or malfunctions due to or deriving from, directly or indirectly, by:

a) fortuitous events or causes of force majeure (such as, by way of example only: oxidation or other phenomena caused by the action of atmospheric agents due to conditions environmental or circumstances outside the norm);

b) use of the Electric Vehicle that does not comply or in any case differs from the regulations, warnings and recommendations given in the Use and Maintenance Manual (included, but not limited to for example, incorrect washing of the electric vehicle according to the instructions therein reported);

c) modifications, repairs or other interventions that differ from the modification, repair or standards disassembly prescribed by Askoll;

d) assembly of pieces and/or spare parts different from those prescribed or whose use is not evident approved by Askoll;

e) improper use of the Electric Vehicle or use other than private use (such as, for example, use in sporting competitions of any kind or use in rental services, public transport, etc.);

f) willful misconduct, negligence, incompetence, imprudence on the part of the owner or driver.

g) accidents, such as collisions with other vehicles, people, animals, identified or unidentified objects, overturning, leaving the road, acts of vandalism;

h) external causes and/or foreign bodies (such as, but not limited to: tire punctures, broken crystals, etc.);

2. Exclusions

i) normal wear and tear of the Electric Vehicle following its use, meaning loss of efficiency, deterioration and wear and tear of any material, detail, component and part mechanically suffers due to the sole effect of prolonged use; wear is identified by comparing the condition, mileage, time of use noted on the damaged parts and the potential average of functioning that is normally attributed to them; the verification will be entrusted to an expert if necessary

3. Customer Charges

3.1. The Guarantee will be valid only if the lack of conformity has been reported, for example registered, by the Consumer Customer no later than 2 (two) months from discovery and by the Customer Professional no later than 8 (eight) days from discovery.

3.2. The Customer has the burden of communicating the lack of conformity within the aforementioned deadlines by contacting Askoll authorized sales points can be found on the Askoll website http://askollelectric.com.

3.3. The Customer must show a copy of the documentary proof of purchase (receipt or invoice) or otherwise supporting document demonstrating the operation and validity of the Guarantee.

3.4. In case of failure to comply with the provisions of the previous paragraphs, the Warranty will not apply will operate and the Customer will lose the right to the related services.

3.5. The validity of this Warranty in the event of transfer of ownership of the Vehicle Electric, continues regardless of the change in ownership of the vehicle itself, stationary the new buyer's burden of showing the first buyer's proof of purchase. The new However, the owner is invited to promptly notify Askoll of the incident change of ownership of the electric vehicle with the methods available on the Askoll website www.askoll.com or http://askollelectric.com, also for the purposes of allowing Askoll a targeted communication in the event of any recalls relating to safety or updates of some details.

3.6. The Guarantee does not cover the mobility service therefore the Customer must deliver, at his own expense and expenses, the Electric Vehicle to an authorized Askoll sales point or, by prior telephone agreement, directly to the authorized assistance centres. Upon specific request, it can be an Electric Vehicle collection service is offered at the Customer's home, with costs to be paid of the Customer himself, or assistance at the Customer's home, with exit costs borne by the Customer Customer himself. In exceptional cases, in which the defect covered by the Guarantee makes it impossible to circular motorcycle, the costs of collecting the motorcycle or home assistance will be previously agreed upon by Askoll.

3.7. The Customer must collaborate for the most correct carrying out of assistance activities, providing to the Askoll assistance network any information regarding the circumstances in which you are manifested the defect in addition to the information and clarifications that Askoll, directly or through the assistance network, should you request it.

3.8. The Warranty applies to defects ascertained by Askoll through its assistance network; in case Askoll does not consider the Guarantee to be operational and a conflict arises with the Customer, the operations of repairs will be suspended pending the expert assessment.

3.9. The Warranty will be considered valid only if the Customer uses it correctly maintenance of the vehicle in your possession by carrying out the operations described in the Table Maintenance. These activities must be carried out at assistance centers authorized by Askoll the interventions must be recorded in this booklet and on the portal provided available to the same authorized assistance centres.

4. Limitations of Liability

4.1. Except as provided by the mandatory national legislation applicable to the relationship between the “consumer” and the producer and the provisions on civil liability of the producer, Askoll will not be responsible for damage to things and/or people caused by the Electric Vehicle, from its use, its malfunction or its immobilization due to breakdowns.
4.2. Any downtime of the Electric Vehicle or delays in repairs or replacements relating to the Vehicle Electrical equipment entrusted to the Askoll assistance network does not give the right to any compensation or reimbursement of expenses (such as, for example, expenses for replacement vehicles) by Askoll or to any extension of the Guarantee.
4.3. Any compensation for loss of economic profit resulting from the malfunction of the Electric Vehicle or other costly consequences of the defect itself.

5. Nature of this warranty

5.1. This warranty is governed solely by these Warranty Conditions and the Italian law, without prejudice to the possible application of mandatory provisions to protect the consumer provided for by the legislation applicable in the Customer’s country of residence qualified as a “consumer” pursuant to Legislative Decree 6 September 2005 n. 206 of Italian Republic (hereinafter the “Consumer Code”) or pursuant to similar codes or similar national regulations applicable in the Customer’s country of residence (hereinafter for brevity the “Consumer Customers”).
5.2. This Guarantee is a conventional guarantee pursuant to art. 133 of the Code of Consumption.
5.3. This Warranty, under the Warranty Conditions, constitutes the only conventional warranty offered by Askoll as manufacturer of Askoll brand electric vehicles.
5.4. These Warranty Conditions are without prejudice to the mandatory rights towards the seller recognized to the natural person defined as “consumer” pursuant to the Code of Consumption or in accordance with applicable national regulations.
5.5. Except for the Consumer Customer or if otherwise provided by one mandatory provision in force in the Customer’s country, for any related disputes the Court of Vicenza, Italy will have exclusive jurisdiction over these Warranty Conditions.

6. Maintenance booklet Scooter service

Owner	Date:	Inspection service within to 1000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 6000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 12000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 18000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

GENERAL WARRANTY CONDITIONS

Owner	Date:	Inspection service within to 24000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 30000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 36000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 42000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 48000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 54000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

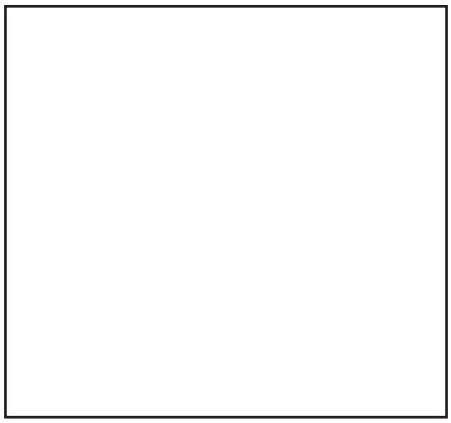
Owner	Date:	Inspection service within to 60000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

Owner	Date:	Inspection service within to 66000Km	
Surname:		Km travelled	Next Service
First name:			
Interventions:		Dealer's stamp	

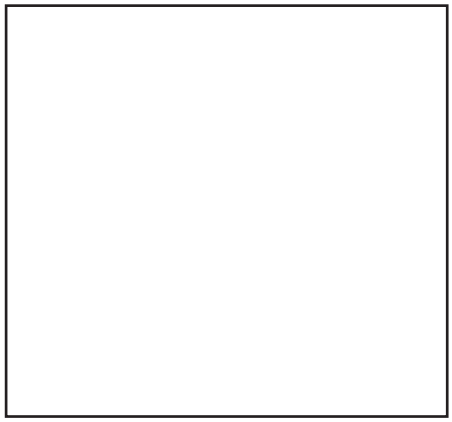
NOTE

EAN Code

Serial Number



QR Code



Askoll EVA SpA
Via Industria, 30
36031 Dueville (VI) Italia
Tel. 0444 930260
www.askollelectric.com

E2854301