

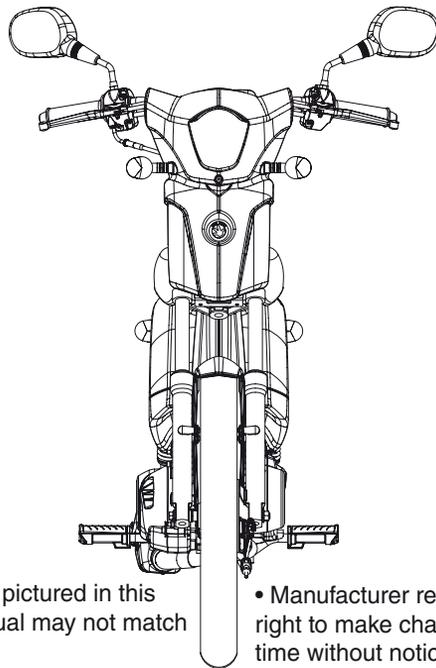


OWNER'S MANUAL | WARRANTY CARD · BYE BIKE ONE & ONE+





OWNER'S MANUAL & WARRANTY CARD



- This manual should be considered a permanent part of the vehicle and should remain with the vehicle when it is resold.
- The vehicle pictured in this owner's manual may not match your vehicle.
- Manufacturer reserves the right to make changes at any time without notice incurring any obligation.
- No part of this publication may be reproduced without written permission.

**OWNER'S MANUAL & WARRANTY CARD | BYE BIKE ONE & ONE+
2015 | ALL RIGHTS RESERVED**



¡ENHORABUENA! FÉLICITATIONS! CONGRATULAZIONI!
 GLÜCKWUNSCH! ONNEKSI OLKOON! ПОЗДРАВЛЯЕМ!
 COMHGHAIRDEAS! BIHШYEM! SVEIKINAME! TILLYKKE!
 PALJU ÖNNE! GRATTIS! ENHORABONA! PARABÉNS!

CONGRATULATIONS!

BLAHOŽELÁME! BITAEMO! TEBRIKLER! ПОЗДРАВЛЯЕМ!
 ΑΛΛΗ ΔΑ ΜΥ Ε! GRATULERER! APSVEICAM! ЧЕСТИТАМО!
 GEFELICITEERD! ČESTITAMO! GRATULÁLUNK!
 BLAHOPŘEJEME! LLONGYFARCHIADAU! SVEIKINAME!

Welcome to the BYE BIKE family!

As the owner of a BYE BIKE vehicle you are enjoying a high quality product, carefully designed and manufactured in Spain.

Please read this manual before operating your vehicle and follow all recommendations. Information contained will help you to safely enjoy your vehicle and keep it in perfect con-

dition for many years. In case of doubt, please contact your BYE BIKE dealer.

BIKE BYE wishes you the best riding experiences in its compact but exciting BYE BIKE.

Sincerely,

BYE BIKE TEAM
 CRESPIÁ (SPAIN), 2015

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Safety

Your safety, and other's safety, is very important for BYE BIKE. Particularly important information is distinguished in this manual by the following notations. This information alerts you to potential hazards that could hurt you or others. Is not possible to warn you about all hazards associated with operating or maintaining a vehicle, you must use your own judgement.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards.



WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

Indicates special precautions that must be taken to avoid damage to the vehicle or other property.



NOTE

Provides key information to make procedures easier or clearer.

VIN

The vehicle and engine numbers uniquely identify your vehicle and are required in order to register your vehicle. They may also be required when ordering replacement parts or in case the vehicle is stolen.

The vehicle identification number (VIN) is stamped on the right rear of the frame, next to the rear suspension linkage.

The engine identification number (EIN) is stamped on the top left of the crankcase.



1. Engine identification number (EIN)



1. Vehicle identification number (VIN)

My BYE BIKE

Record the vehicle identification numbers and dealer details in the spaces provided below for assistance when ordering spare parts or repairing your vehicle.

Model

Colour

Year

Vehicle identification number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Engine identification number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Your BYE BIKE dealer information

BYE BIKE dealer:	-----
Address:	-----
Phone:	-----
E-mail:	-----
Web:	-----

0. WARRANTY CARD AND SERVICE RECORD

WARRANTY ACTIVATION

COPY FOR THE MANUFACTURER

VEHICLE

Model

Vehicle identification number

Engine identification number

DEALER

The vehicle has been assembled and all components are working properly

Name

Address

Postcode **City**

State **Country**

Phone

E-mail

Web

WARRANTY ACTIVATION - SEND TO BYE BIKE



This document properly completed must be sent to: **BYE BIKE WARRANTY DEPT. Pol. Pla de la Font, Parc.1. 17832, Crespià (Girona), SPAIN.** Or to: warranty@byebike.com.
 It is the seller's responsibility to activate and send the warranty card to BYE BIKE in a week.
 Ignoring this requirement may result in the loss of warranty.

Warranty card and service record

CUSTOMER

Name

Address

Postcode **City**

State **Country**

Phone

E-mail

WARRANTY ACTIVATION - SEND TO BYE BIKE

.....

Delivery date

Warranty period: 24 months

.....

Dealer stamp & signature

.....

Customer signature

This document properly completed must be sent to: **BYE BIKE WARRANTY DEPT. Pol. Pla de la Font, Parc.1. 17832, Crespià (Girona), SPAIN.** Or to: **warranty@byebike.com.**
It is the seller's responsibility to activate and send the warranty card to BYE BIKE in a week.
Ignoring this requirement may result in the loss of warranty.



WARRANTY ACTIVATION

COPY FOR THE CUSTOMER

VEHICLE

Model

Vehicle identification number

Engine identification number

DEALER

The vehicle has been assembled and all components are working properly

Name

Address

Postcode **City**

State **Country**

Phone

E-mail

Web

Warranty card and service record

CUSTOMER

Name

Address

Postcode City

State Country

Phone

E-mail

.....

Delivery date

Warranty period: 24 months

.....

Dealer stamp & signature

.....

Customer signature

BYE BIKE Warranty

Thank you for choosing BYE BIKE

Thank you for choosing BYE BIKE. As the owner of a BYE BIKE vehicle you will enjoy a high quality product carefully designed and manufactured in Crespità (Girona, Spain). This Warranty Card and Service Record has been designed to provide all the basic information about maintaining your vehicle in order that your BYE BIKE keep it working perfectly for many years. This document also contains information concerning the BYE BIKE warranty.

You must ensure that warranty and delivery files are properly completed. Keep your vehicle in perfect condition and get maximum protection under warranty by ensuring that your vehicle receives regular care in accordance with the BYE BIKE recommendations.

BYE BIKE Warranty

TECNIGAS PARTS S.L. (Hereinafter TG) as manufacturer of BYE BIKE vehicles (hereinafter BB) hereby warrants to the consumer, the purchaser of a vehicle manufactured by TG, both the materials and the manufacturing are free of defects in accordance with the highest quality standards. Consequently, TG, hereby guarantees the consumer (hereafter, the "buyer"), in accordance with the conditions

stated below, repairing defects in materials and workmanship detected on a new vehicle without charge, within the period of warranty without any limitation in the number of kilometres or number of operating hours.

This Warranty and Service Record must be available to the dealer when requesting revisions, repairs or warranty.

Keep this manual, as it will be requested to benefit from the warranty, as well as for future references you may need. This manual should be considered part of the vehicle and should remain with him in case of transmission.

Warranty Period

The warranty period begins on the date of registration of the vehicle or, if the vehicle remains without registering, from the date of sale.

The seller is responsible for nonconformities that become apparent within the requirements of Law 23/2003 July 10 of Guarantees Sales of Consumer Goods and with Directive 1999/44/EC for Member States of the European Community. For countries outside the European Community, the warranty period shall be governed by the regulations thereof.

However, if the nonconformity becomes apparent during the first six months after the sale of the vehicle, it is assumed that the fault existed when the vehicle was delivered; from the sixth month, the consumer must prove that the nonconformity existed when the vehicle was delivered. During the first six months

after the delivery of the repaired vehicle, the seller is liable against for the nonconformity which led the repair.

Any defects detected in the product must be brought to the attention of an authorized BYE BIKE dealer during the warranty period. If the last day of the warranty period is a Sunday or public holiday, the warranty period will be extended until the next business day.

Warranty claims for nonconformities not brought to the attention of an authorized BYE BIKE dealer before the end of the warranty period will be excluded.

Buyer obligations

TG is entitled to deny any warranty if:

1. The buyer has failed to submit the vehicle to any of the inspections and/or service work required in the user's manual and/or exceeded the date set for such inspections or service work. It also be excluded from the warranty any nonconformity that appeared before the date set for an inspection or service work and this inspection or service work was not carried out or it was carried out after the date set by TG.

2. When an inspection, service work and/ or repair of the vehicle have been executed by third parties not recognized by TG.

3. Any service work and / or repair has been executed in violation of the technical requirements, specifications and instructions of the manufacturer.

4. Spare parts not authorized by TG have

BYE BIKE

been used in service works and / or repairs or when fuels, lubricants and other liquids (including cleaning products) that were not expressly mentioned by the manufacturer have been used in the vehicle.

5. The vehicle has been in any way altered, modified or fitted with components that not have been specifically authorized by TG.
6. The vehicle has been stored or transported not in agreement with the technical requirements.
7. The vehicle has been used for a special use other than the ordinary one, like races.
8. The vehicle has suffered an accident.

Warranty Exclusions

The following items are excluded from the warranty:

1. Wear parts including, without limitation, spark plugs, batteries, fuel filters, air filter elements, chain, engine output pinions, sprockets, air filters, brake discs or drums, pads or brake shoes, clutch discs, bulbs, fuses, footrest rubbers, tyres, tubes, cables and other rubber components.
2. Lubricants (such as oil, grease, ...) and working fluids (battery liquid, coolant...).
3. Inspection, adjustment and other maintenance as well as all kind of cleaning jobs.
4. Paint damage and consequent corrosion due to external factors (such as stones, salt, exhaust gases and other environmental impacts), improper cleaning or unsuitable

product influences.

5. Damage caused by nonconformities and directly or indirectly expenses (communication costs, accommodation expenses, car hire costs, public transport costs, courier costs...) and other damages (caused by the loss of use of a vehicle, loss of revenue, loss of time...).
6. Acoustic or aesthetic phenomena that do not significantly affect the use of the vehicle (for example, small or hidden imperfections, noise or vibrations).
7. Nonconformities due to age of the vehicle (for example, discolouring of painting).

Notes

1. If the repair of the nonconformity or replacement of the affected part is out of proportion, TG can decide in its sole discretion whether to repair or to replace defective parts.
2. The ownership of the replaced parts shall pass to TG without any other consideration. The authorized BYE BIKE dealer entrusted to repair the vehicle is not authorized to do binding declarations on behalf of BYE BIKE or TG.
3. In case of doubt regarding the existence of a defect or if a inspection is required, TG reserves the right to request the return of the affected parts or to arrange an inspection of the defect by an TG expert. Any additional warranty obligations for parts replaced free of charge or for any service provided without charge under this warranty shall be excluded. Warranty of the replaced parts under warran-

ty period will end on the date of expiry of the warranty period of the product concerned.

4. If a defect cannot be repaired and the replacing has a disproportionate cost to the manufacturer, buyer will be entitled to cancel the contract (compensation payment) or a partial refund of the purchase price (discount) instead of repairing the vehicle.
5. Warranty claims by the purchaser under the contract of sale with the corresponding authorized BYE BIKE dealer shall not be affected by this warranty. This warranty does not affect any additional contractual rights of the purchaser under the general conditions of the authorized BYE BIKE dealer.
6. If the purchaser resells the product within the warranty period, the terms and conditions of this warranty will be transferred to the new owner of the vehicle.

PRE-DELIVERY OPERATIONS

ELEMENTS TO REVIEW BY THE DEALER BEFORE THE VEHICLE DELIVERY

- Check packaging and vehicle for damage
- Unpack the vehicle
- Install the parts (battery, mirror/s ...)
- Check chain tension
- Tyre pressure
- Check all the bolts are tight
- Oil level
- Levers position
- Position and operation of the throttle
- Front and rear brake
- Engine idle
- Lights, turn signals and horn
- Suspension operation
- Clean the vehicle
- Complete and submit manufacturer's warranty documents



Customer signature

1. I have read the warranty terms and I agree with them.
2. Operating Instructions understood.
3. Vehicle fitted and adjusted to my needs

SERVICE RECORD

500 KM
1st INSPECTION
(FREE OF CHARGE FOR THE CUSTOMER)

KM -----

DATE -----

1

DEALER STAMP AND SIGNATURE

PARTS TO BE SERVICED

- Adjust the drive chain tension
- Check all the bolts are tight
- Inspect the general operation of the vehicle

The next revision to be made: within 500 km. This period should be reduced for intensive use of the vehicle or driving in extreme heat or cold climates. Is the customer's responsibility to effectuate the successive service works and that the authorised BYE BIKE dealer fills the service record. If this document is not properly completed may lead to the loss of warranty.

SERVICE RECORD

1.000 KM
2nd INSPECTION
(BORNE BY THE CUSTOMER)

KM -----

DATE -----

2

DEALER STAMP AND SIGNATURE

PARTS TO BE SERVICED

- Change transmission oil
- Fuel line inspection
- Inspect (and, if necessary, clean) air filter element
- Inspect (and, if necessary, change) drive belt
- Inspect (and, if necessary, replace) variator rollers
- Check brake operation
- Check the steering bearings
- Adjust the carburettor and the engine idling
- Inspect the operation of lights, switches and horn.
- Inspect the operation of the throttle and throttle cable
- Tyre and tyre pressure check
- Inspect, adjust and lubricate the drive chain
- Check all the bolts are tight
- General grease
- Test ride the vehicle

The next revision to be made: within 2000 km. This period should be reduced for intensive use of the vehicle or driving in extreme heat or cold climates. Is the customer's responsibility to effectuate the successive service works and that the authorised BYE BIKE dealer fills the service record. If this document is not properly completed may lead to the loss of warranty.

Warranty card and service record

SERVICE RECORD

3.000 KM
2rd INSPECTION
 (BORNE BY THE CUSTOMER)

KM -----

DATE -----

3

DEALER STAMP AND SIGNATURE

PARTS TO BE SERVICED

- | | |
|---|--|
| <input type="checkbox"/> Fuel line inspection | throttle and throttle cable |
| <input type="checkbox"/> Clean the air filter element | <input type="checkbox"/> Inspect the wheels |
| <input type="checkbox"/> Replace spark-plug | <input type="checkbox"/> Inspect the wheels bearings |
| <input type="checkbox"/> Inspect the battery | <input type="checkbox"/> Inspect the oil pump |
| <input type="checkbox"/> Check the brakes and the pads/discs condition | <input type="checkbox"/> Lubricate the centerstand |
| <input type="checkbox"/> Inspect and lubricate the brake levers and cables | <input type="checkbox"/> Inspect, adjust and lubricate the drive chain |
| <input type="checkbox"/> Inspect the suspensions | <input type="checkbox"/> Tyres and tyres pressure check |
| <input type="checkbox"/> Check the steering bearings and the steering operation | <input type="checkbox"/> Check all the bolts are tight |
| <input type="checkbox"/> Adjust the carburettor and the engine idling | <input type="checkbox"/> General grease |
| <input type="checkbox"/> Inspect (and, if necessary, change) drive belt | <input type="checkbox"/> Test ride the vehicle |
| <input type="checkbox"/> Inspect (and, if necessary, replace) variator rollers | |
| <input type="checkbox"/> Inspect the operation of lights, switches and horn | |
| <input type="checkbox"/> Inspect the operation of the | |

The next revision to be made: within 2000 km. This period should be reduced for intensive use of the vehicle or driving in extreme heat or cold climates. Is the customer's responsibility to effectuate the successive service works and that the authorised BYE BIKE dealer fills the service record. If this document is not properly completed may lead to the loss of warranty.

SERVICE RECORD

5.000 KM
4th INSPECTION
 (BORNE BY THE CUSTOMER)

KM -----

DATE -----

4

DEALER STAMP AND SIGNATURE

PARTS TO BE SERVICED

- | | |
|---|---|
| <input type="checkbox"/> Fuel line inspection | <input type="checkbox"/> Inspect the operation of the throttle and throttle cable |
| <input type="checkbox"/> Replace the air filter element | <input type="checkbox"/> Inspect the wheels |
| <input type="checkbox"/> Replace spark-plug | <input type="checkbox"/> Inspect the wheels bearings |
| <input type="checkbox"/> Replace transmission oil | <input type="checkbox"/> Lubricate the centerstand |
| <input type="checkbox"/> Inspect the battery | <input type="checkbox"/> Inspect, adjust and lubricate the drive chain |
| <input type="checkbox"/> Check the brakes and the pads/discs condition | <input type="checkbox"/> Tyres and tyre pressure check |
| <input type="checkbox"/> Inspect and lubricate the brake levers and cables | <input type="checkbox"/> Check all the bolts are tight |
| <input type="checkbox"/> Inspect the suspensions | <input type="checkbox"/> General grease |
| <input type="checkbox"/> Check the steering bearings and the steering operation | <input type="checkbox"/> Test ride the vehicle |
| <input type="checkbox"/> Adjust the carburettor and the engine idling | |
| <input type="checkbox"/> Inspect (and, if necessary, change) drive belt | |
| <input type="checkbox"/> Inspect (and, if necessary, replace) variator rollers | |
| <input type="checkbox"/> Inspect the operation of lights, switches and horn. | |

The next revision to be made: within 2000 km. This period should be reduced for intensive use of the vehicle or driving in extreme heat or cold climates. Is the customer's responsibility to effectuate the successive service works and that the authorised BYE BIKE dealer fills the service record. If this document is not properly completed may lead to the loss of warranty.

SERVICE RECORD

7.000 KM
5th INSPECTION
 (BORNE BY THE CUSTOMER)

KM -----

DATE -----

5

DEALER STAMP AND SIGNATURE

PARTS TO BE SERVICED

- | | |
|---|--|
| <input type="checkbox"/> Fuel line inspection | throttle and throttle cable |
| <input type="checkbox"/> Clean the air filter element | <input type="checkbox"/> Inspect the wheels |
| <input type="checkbox"/> Replace spark-plug | <input type="checkbox"/> Inspect the wheels bearings |
| <input type="checkbox"/> Inspect the battery | <input type="checkbox"/> Inspect the oil pump |
| <input type="checkbox"/> Check the brakes and the pads/discs condition | <input type="checkbox"/> Lubricate the centerstand |
| <input type="checkbox"/> Inspect and lubricate the brake levers and cables | <input type="checkbox"/> Inspect, adjust and lubricate the drive chain |
| <input type="checkbox"/> Inspect the suspensions | <input type="checkbox"/> Tyres and tyres pressure check |
| <input type="checkbox"/> Check the steering bearings and the steering operation | <input type="checkbox"/> Check all the bolts are tight |
| <input type="checkbox"/> Adjust the carburettor and the engine idling | <input type="checkbox"/> General grease |
| <input type="checkbox"/> Inspect (and, if necessary, change) drive belt | <input type="checkbox"/> Test ride the vehicle |
| <input type="checkbox"/> Inspect (and, if necessary, replace) variator rollers | |
| <input type="checkbox"/> Inspect the operation of lights, switches and horn | |
| <input type="checkbox"/> Inspect the operation of the | |

The next revision to be made: within 2000 km. This period should be reduced for intensive use of the vehicle or driving in extreme heat or cold climates. Is the customer's responsibility to effectuate the successive service works and that the authorised BYE BIKE dealer fills the service record. If this document is not properly completed may lead to the loss of warranty.

SERVICE RECORD

9.000 KM
6th INSPECTION
 (BORNE BY THE CUSTOMER)

KM -----

DATE -----

6

DEALER STAMP AND SIGNATURE

PARTS TO BE SERVICED

- | | |
|---|---|
| <input type="checkbox"/> Fuel line inspection | <input type="checkbox"/> Inspect the operation of the throttle and throttle cable |
| <input type="checkbox"/> Replace the air filter element | <input type="checkbox"/> Inspect the wheels |
| <input type="checkbox"/> Replace spark-plug | <input type="checkbox"/> Inspect the wheels bearings |
| <input type="checkbox"/> Replace transmission oil | <input type="checkbox"/> Lubricate the centerstand |
| <input type="checkbox"/> Inspect the battery | <input type="checkbox"/> Inspect, adjust and lubricate the drive chain |
| <input type="checkbox"/> Check the brakes and the pads/discs condition | <input type="checkbox"/> Tyres and tyre pressure check |
| <input type="checkbox"/> Inspect and lubricate the brake levers and cables | <input type="checkbox"/> Check all the bolts are tight |
| <input type="checkbox"/> Inspect the suspensions | <input type="checkbox"/> General grease |
| <input type="checkbox"/> Check the steering bearings and the steering operation | <input type="checkbox"/> Test ride the vehicle |
| <input type="checkbox"/> Adjust the carburettor and the engine idling | |
| <input type="checkbox"/> Inspect (and, if necessary, change) drive belt | |
| <input type="checkbox"/> Inspect (and, if necessary, replace) variator rollers | |
| <input type="checkbox"/> Inspect the operation of lights, switches and horn. | |

The next revision to be made: within 2000 km. This period should be reduced for intensive use of the vehicle or driving in extreme heat or cold climates. Is the customer's responsibility to effectuate the successive service works and that the authorised BYE BIKE dealer fills the service record. If this document is not properly completed may lead to the loss of warranty.

SERVICE RECORD

11.000 KM
7th INSPECTION
 (BORNE BY THE CUSTOMER)

KM -----

DATE -----

7

DEALER STAMP AND SIGNATURE

PARTS TO BE SERVICED

- | | |
|---|--|
| <input type="checkbox"/> Fuel line inspection | <input type="checkbox"/> throttle and throttle cable |
| <input type="checkbox"/> Clean the air filter element | <input type="checkbox"/> Inspect the wheels |
| <input type="checkbox"/> Replace spark-plug | <input type="checkbox"/> Inspect the wheels bearings |
| <input type="checkbox"/> Inspect the battery | <input type="checkbox"/> Inspect the oil pump |
| <input type="checkbox"/> Check the brakes and the pads/discs condition | <input type="checkbox"/> Lubricate the centerstand |
| <input type="checkbox"/> Inspect and lubricate the brake levers and cables | <input type="checkbox"/> Inspect, adjust and lubricate the drive chain |
| <input type="checkbox"/> Inspect the suspensions | <input type="checkbox"/> Tyres and tyres pressure check |
| <input type="checkbox"/> Check the steering bearings and the steering operation | <input type="checkbox"/> Check all the bolts are tight |
| <input type="checkbox"/> Adjust the carburettor and the engine idling | <input type="checkbox"/> General grease |
| <input type="checkbox"/> Inspect (and, if necessary, change) drive belt | <input type="checkbox"/> Test ride the vehicle |
| <input type="checkbox"/> Inspect (and, if necessary, replace) variator rollers | |
| <input type="checkbox"/> Inspect the operation of lights, switches and horn | |
| <input type="checkbox"/> Inspect the operation of the | |

The next revision to be made: within 2000 km. This period should be reduced for intensive use of the vehicle or driving in extreme heat or cold climates. Is the customer's responsibility to effectuate the successive service works and that the authorised BYE BIKE dealer fills the service record. If this document is not properly completed may lead to the loss of warranty.

SERVICE RECORD

13.000 KM
8th INSPECTION
 (BORNE BY THE CUSTOMER)

KM -----

DATE -----

8

DEALER STAMP AND SIGNATURE

PARTS TO BE SERVICED

- | | |
|---|---|
| <input type="checkbox"/> Fuel line inspection | <input type="checkbox"/> Inspect the operation of the throttle and throttle cable |
| <input type="checkbox"/> Replace the air filter element | <input type="checkbox"/> Inspect the wheels |
| <input type="checkbox"/> Replace spark-plug | <input type="checkbox"/> Inspect the wheels bearings |
| <input type="checkbox"/> Replace transmission oil | <input type="checkbox"/> Lubricate the centerstand |
| <input type="checkbox"/> Inspect the battery | <input type="checkbox"/> Inspect, adjust and lubricate the drive chain |
| <input type="checkbox"/> Check the brakes and the pads/discs condition | <input type="checkbox"/> Tyres and tyre pressure check |
| <input type="checkbox"/> Inspect and lubricate the brake levers and cables | <input type="checkbox"/> Check all the bolts are tight |
| <input type="checkbox"/> Inspect the suspensions | <input type="checkbox"/> General grease |
| <input type="checkbox"/> Check the steering bearings and the steering operation | <input type="checkbox"/> Test ride the vehicle |
| <input type="checkbox"/> Adjust the carburettor and the engine idling | |
| <input type="checkbox"/> Inspect (and, if necessary, change) drive belt | |
| <input type="checkbox"/> Inspect (and, if necessary, replace) variator rollers | |
| <input type="checkbox"/> Inspect the operation of lights, switches and horn. | |

The next revision to be made: within 2000 km. This period should be reduced for intensive use of the vehicle or driving in extreme heat or cold climates. Is the customer's responsibility to effectuate the successive service works and that the authorised BYE BIKE dealer fills the service record. If this document is not properly completed may lead to the loss of warranty.

1. SAFETY

1. Safety

Follow these guidelines to enhance your and third parties security.

1.1 Responsibility

As the vehicle's owner, you are responsible for the safe and proper operation of your vehicle. You should obtain thorough instructions from a competent source on all aspects of vehicle operation, observe the warnings and maintenance requirements in this owner's manual, obtain qualified training in safe and proper riding techniques, obtain professional technical service as indicated in this owner's manual and use only original spare parts and accessories from the manufacturer.

1.2. Practice

Even if you have ridden other motorbikes, practice riding in a safe place to become familiar with how this vehicle works and handles, and to become accustomed to the vehicle's size and weight. Do not ride if you are not qualified and only lend your vehicle to other qualified riders.

1.3. Before riding

Make sure that you are physically fit, mentally focused and free of alcohol and drugs. Check that you and your passenger are both wearing an approved motorcycle helmet and protective apparel. Wear a face shield or glasses. Never wear loose-fitting clothes, otherwise they could catch on the control levers or wheels and cause injury or an accident. Make yourself more visible by wearing reflective or bright clothes.

WARNING

Always wear an approved helmet and protective apparel when riding your vehicle.

1.4. Loading

Carrying extra weight affects your vehicle handling, braking and stability.

CAUTION

Maximum weight capacity (including driver, passenger, accessories and cargo) is 150 kg. Do not exceed this maximum load limit.

Avoid carrying an excessive load. Tie all luggage securely, balanced and close to the centre of the vehicle. Do not attach items near the lights or the hot parts of the vehicle.

1.5. Carbon monoxide

All engine exhaust generate carbon monoxide, a colourless, odourless and tasteless poisonous gas. Breathing carbon monoxide can cause headaches, dizziness, drowsiness, nausea, confusion, and eventually death.

WARNING

Carbon monoxide is toxic. Do not run engine indoors.

Do not run engine in poorly ventilated or partially enclosed areas, carbon monoxide can rapidly reach dangerous levels.

1.6. Maintenance

Maintenance is the owners responsibility. All maintenance operations must be done in order to keep the vehicle in good condition.

Service work should be performed in accordance with BYE BIKE standards and specifications by properly trained and

BYE BIKE

equipped technicians. Your authorised dealer meets all of these requirements and can extend to the maximum your vehicle's service life.

1.7. After-market parts, accessories and modifications

Adding accessories or cargo to your vehicle can adversely affect stability and handling. We strongly advise that you do not add any accessories that were not specifically designed for your vehicle by BYE BIKE or make modifications to your scooter from its original design. Doing so can make it unsafe. Modifying your vehicle may also void your warranty and make your vehicle illegal to operate on public roads. Before deciding to install accessories on your vehicle be certain the modification is safe and legal. Do not pull a trailer with, or attach a sidecar to, your vehicle. Your vehicle was not designed for these attachments, and their use can seriously impair your vehicle's handling.

CAUTION

Always use BYE BIKE genuine parts. Its quality and perfect fit ensures excellent performance and will extend your vehicle's service life.

In order to maximize your vehicle's service life we strongly recommend you to use BYE BIKE genuine parts and accessories. Installing after-market products or having other modifications performed to your vehicle that change any of the vehicle's design or operation characteristics can put your and others safety at risk.

1.8. Safe-Riding

Follow these advices when riding your BYE BIKE vehicle:

- Start the engine and let it warm up.
- Before start driving check that you can be incorporated into the flow with ease.
- Ride where other motorists can see you and always signal before turning or changing lanes.
- Always obey the speed limit and never travel faster than warranted by road and traffic conditions.
- Driver must take a natural posture, feet in stirrups and both hands on the handlebars. Passenger (if the vehicle is approved for two) should be secured with both hands on the handle (if available) or on the driver's body and feet resting in stirrups.
- For full brake effectiveness close the throttle and operate both the front and

rear brakes together.

- Road surfaces are slippery when wet. Avoid hard breaking and acceleration and exercise extra caution when riding in wet conditions.
- Be careful when passing parked cars. A driver might not see you and open a door in your path.



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2. PARTS LOCATION

2.1. Controls and instruments



- 1. Rear brake lever
- 2. Left handlebar switches
- 3. 12V power outlet

- 4. Dashboard
- 5. Main switch
- 6. Right handlebar switches

- 7. Front brake lever
- 8. Throttle grip

2.2. Right view



- 1. Grab bar / fastening system
- 2. Oil tank cap
- 3. Fuel tank cap
- 4. Seat

- 5. Battery
- 6. Fuse
- 7. Spark plug
- 8. Kickstarter

- 9. Passenger footrests
- 10. Throttle
- 11. Front brake lever
- 12. Manual fuel tap (opt.)

2.3. Left view



- 12. Headlamp
- 13. Front suspension
- 14. Front brake
- 15. Centerstand

- 16. Air filter
- 17. Transmission chain
- 18. Chain adjuster
- 19. Rear brake

- 20. Rear suspension
- 21. Central compartment
- 22. Rear brake lever

3. INSTRUMENT AND CONTROL FUNCTIONS

3. Instrument and control functions

3.1 Main switch

The main switch/steering lock controls the ignition and lighting systems, and is used to lock the steering. There are two positions:



Disconnected switch (OFF).

OFF: All electrical systems are off. The key can be removed.



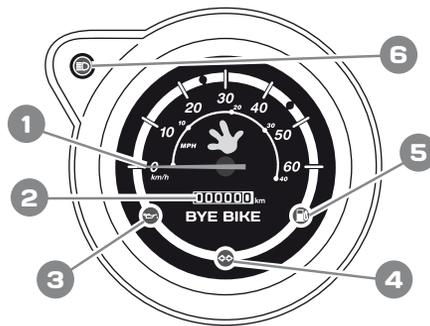
Connected switch (ON).

ON (Ignition): All electrical circuits are supplied with power, the meter lighting comes on, and the engine can be started. The key cannot be removed.



Never turn off the key while the vehicle is running, it may result in loss of control or an accident.

3.2 Dashboard



Dashboard.

1. Speedometer.
2. Odometer.
3. Low oil warning light .
4. Turn signal indicator .
5. Low fuel warning light .
6. Main beam light indicator .

1. Speedometer: Speedometer: displays the instantaneous speed in kilometres per hour (Km/h) and in miles per hour (MPH).

2. Odometer: Displays total distance travelled in kilometres (Km).

3. Low engine oil level warning light: This warning light comes on when the two stroke engine oil level is low. Stop as soon as possible and refill the oil tank with the 2T engine oil recommended otherwise engine may be seriously damaged. Turning on the ignition key the warning light will come on for a few seconds.



If the warning light comes on during operation, stop immediately and fill the oil tank to prevent serious damage at the engine. BYE BIKE recommends GLOBAL RACING OIL (GRO) Scooter Oil 2T to ensure the proper lubrication and performance.

4. Turn signal indicator light: This indicator light flashes when the turn signal switch is pushed to the left or right.

5. Low fuel level warning light: This warning light come on when the fuel level is low. Stop as soon as possible and refill the fuel tank with the recommended

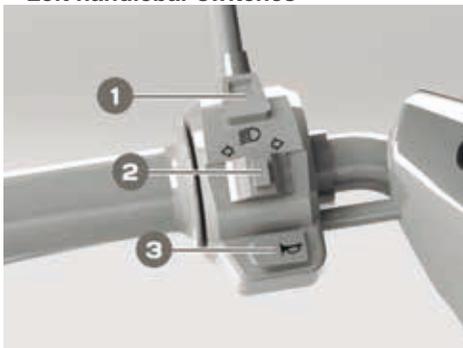
BYE BIKE

fuel. Turning on the ignition key the warning light will come on for a few seconds.

6.  **High beam indicator light:** This indicator light comes on when the high beam of the headlight is switched on.

3.3 Handlebar switches

Left handlebar switches



Left handlebar switches.

1. High beam and low beam dimmer switch .
2. Turn signal switch .
3. Horn switch .

1.  **High beam and low beam dimmer switch:** Set this switch to .

for the high beam, and to  for the low beam.

2.  **Turn signal switch:** To signal a right-hand turn, push this switch to the right. To signal a left-hand turn, push this switch to the left. When released, the switch returns to the centre position. To cancel the turn signal lights, push the switch in after it has returned to the centre position.

3.  **Horn switch:** Press this switch to sound the horn.

Right handlebar switches



Right handlebar switches.

1. Electric system switch  .
2. Engine start switch .

1.   **Electrical system switch:**
 turns OFF the electrical system and
 turns ON the vehicle's electrical system.

2.  **Engine start switch:** Push this switch  while applying the front or rear brake to crank the engine with the electrical starter.

CAUTION

Never turn off the key while the vehicle is moving. Otherwise the electrical systems will be switched off, which may result in loss of control or an accident.

3.4 Brake levers

Front brake



Front brake lever operation.

The front brake lever is located on the right handlebar grip. To apply the front brake, pull this lever gradually toward the handlebar grip.

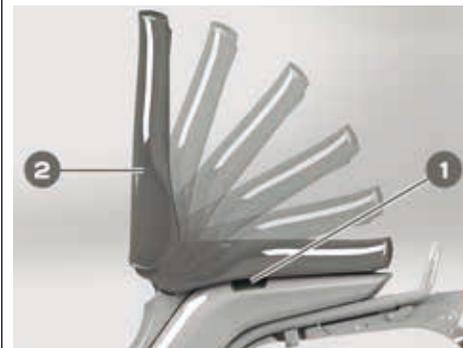
Rear brake



Rear brake lever operation.

The rear brake lever is located on the left handlebar grip. To apply the front brake, pull this lever gradually toward the handlebar grip.

3.5 Seat



Opening and closing the seat.

To open the seat:

1. Place the vehicle on the centerstand.
2. Press the handle on the left side of the seat (1) introducing two fingers through the opening thereof.
3. Fold the seat up (2).

To close the seat:

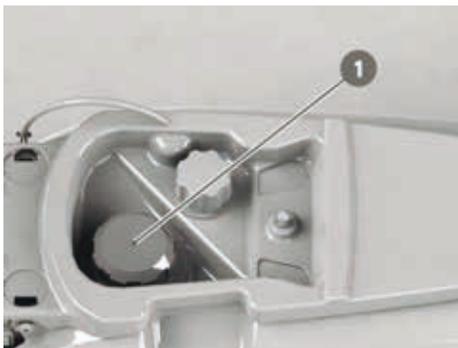
Fold the seat down, and then push it down to lock it in place. A "click" will indicate that it has properly closed.



CAUTION

Make sure that the seat is properly secured before riding.

3.6 Fuel tank

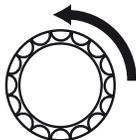


1. Fuel tank cap.

The fuel tank cap is located under the seat.

Fuel tank opening

To remove the fuel tank cap, open the seat (see above), turn it counter clockwise, and then pull it off.



Removing the fuel tank cap.

Fuel tank closing

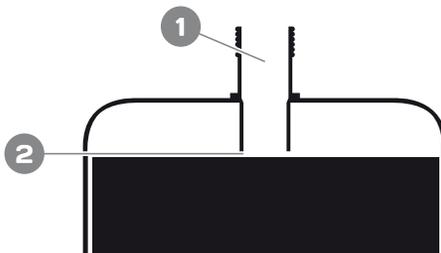
To install the fuel tank cap, turn it clockwise.



Installing the fuel tank cap.

⚠ Refuelling

- Handy fuel only outdoors.
- Wipe up spills immediately.
- Do not fill with fuel above the filler neck.



1. Fuel tank opening.
2. Fuel maximum level.

- Install and tighten the fuel fill cap firmly after refuelling.

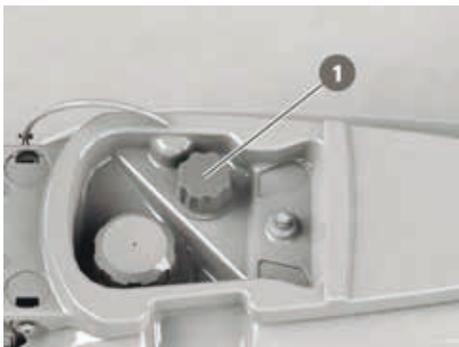
⚠ CAUTION

Use only unleaded petrol, otherwise malfunction and engine damage may happen.

⚠ WARNING

Gasoline is toxic. If you should swallow any gasoline, inhale a lot of gasoline vapour, or allow gasoline to get into your eyes, see your doctor immediately. If any gasoline spills on your skin or clothing, immediately wash the affected area with soap and water and change your clothes.

3.7 Engine oil tank



1. Oil tank cap.

The oil tank cap is located under the seat.

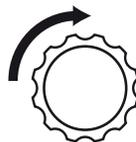
Open the oil tank:



Removing the oil tank cap.

To remove the oil tank cap, open the seat (see above), turn it counter clockwise, and then pull it off.

Close the oil tank



Installing the oil tank cap.

To install the oil tank cap, turn it clockwise.

! Refilling the oil tank

- Before riding make sure there is enough engine oil in the tank to prevent serious engine damage.
- If the oil level warning light comes on, stop as soon as possible and fill the oil tank with the engine oil recommended.
- Install and tighten the fuel fill cap firmly after refilling the engine oil tank.

! CAUTION

BYE BIKE recommends GRO (GLOBAL RACING OIL) Scooter Oil 2T oil to ensure proper lubrication and performance.

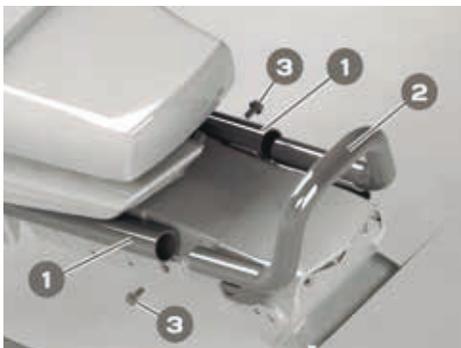
3.8 Kickstarter



1. Kickstarter.

Starting the engine

1. Place the vehicle on the centerstand.
2. Set ON the main switch and the electrical system.
3. Push the kickstarter down lightly with your foot until the gears engage, and then push it down smoothly but forcefully.

BYE BIKE**3.9 Accessories fastening system**

1. Frame rear part.
2. BYE BIKE original accessory.
3. Screws.

Your BIKE BYE is equipped with a smart fastening system that enables a fast and secure way to install accessories on the rear part of the chassis. Only BYE BIKE accessories have been developed along with the vehicle and guarantee your safety.

Installing an accessory

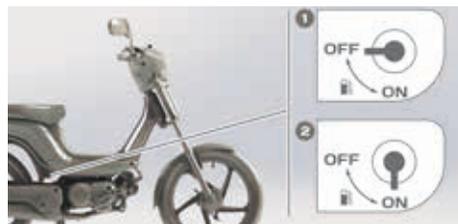
1. Slide the carrier tubes inside the tubes of the rear part of the frame.
2. Fit the mounting gently until the two side holes are aligned.
3. Tighten the two side screws with an Allen key to secure the assembly.

Disassembling an accessory

1. Unscrew and remove the two side screws with an Allen key.
2. Pull gently to remove the accessory.

CAUTION

Do not exceed the maximum load of 150kg for the vehicle.

3.10 Fuel tap

1. Closed tap. 2. Open tap.

Manual fuel tap

Your BYE BIKE may be equipped with a manual fuel tap. When you do not use the vehicle, select "OFF" (1) position to prevent fuel leaks. Before using your vehicle select "ON" (2) position to feed the carburetor with fuel.

Automatic fuel tap

If your BYE BIKE is equipped with an automatic fuel tap, this device will automati-

cally adjust the fuel flow.



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4. PRE-OPERATION CHECKS

4. Pre-operation checks

4.1 Before riding

For your safety, perform a pre-ride inspection before each ride and make sure your vehicle is in perfect working condition. Check the following points before each ride.

In addition to these preliminary checks, be sure to follow the service schedule to keep your vehicle in perfect condition.

CAUTION

If any item in the pre-operation check list is not working properly, have it inspected and repaired in a BYE BIKE dealer before operating the vehicle.

Item	Check	Page
Fuel	<ul style="list-style-type: none"> • Check fuel level in fuel tank. • Refuel if necessary. • Check fuel line for leakage. 	30, 39
Engine oil	<ul style="list-style-type: none"> • Check oil level in oil tank. • If necessary, add recommended oil. • Check vehicle for oil leakage. 	27, 31
Transmission chain	<ul style="list-style-type: none"> • Check condition, lubrication and free play of the drive chain. • Adjust and/or lubricate if necessary. • If any part of the transmission is in bad condition, contact a BYE BIKE dealer. 	44
Brakes	<ul style="list-style-type: none"> • Check operation. • Check brake shoes for wear. • Visit a BYE BIKE dealer to replace shoes if necessary. 	38, 46
Brake levers	<ul style="list-style-type: none"> • Make sure the operation is smooth. Check cable free play. • Lubricate lever pivoting points if necessary. 	46
Throttle grip	<ul style="list-style-type: none"> • Make sure the operation is smooth. • Check cable free play. 	38, 44
Control cables	<ul style="list-style-type: none"> • Make sure the operation is smooth. • Lubricate if necessary. 	44, 46
Tyres	<ul style="list-style-type: none"> • Check tyre condition and tread depth. • Check air pressure. • Correct if necessary. 	45
Instruments light and switches	<ul style="list-style-type: none"> • Check operation. • Replace defective parts (bulbs) or visit a BIKE BYE dealer for replacement. 	27, 52
Cleaning	<ul style="list-style-type: none"> • Check for dirt on vehicle components and verify the correct visibility of lights, indicators and mirrors. • Clean if necessary. 	56

5. OPERATION

5. Operation

The following explains some of the common operations aboard your BIKE BYE.

5.1 Before riding

Make sure your vehicle is in good condition before each ride performing pre-riding checks listed at chapter 4.

CAUTION

Even if you have ridden other motorbikes, practice riding in a safe place to become familiar with how this vehicle works and handles, and to become accustomed to the vehicle's size and weight.

5.2 Starting the engine



Starting the engine.

1. Place the vehicle on the centerstand.
2. Set the main switch at "ON" and the electric system switch at .
3. While applying the front or rear brake (1), start the engine by pushing the start switch  (2).
4. If the engine fails to start by pushing the start switch, release the switch, wait a few seconds, and then try again. Each starting attempt should be as short as possible to preserve the battery.
5. If the engine does not start with the starter motor, try using the kickstarter.

CAUTION

Never rev a cold engine in order to avoid excessive wear.

5.3 Starting off

1. While pulling the rear brake lever with your left hand and holding the grab bar with your right hand, push the scooter off the centerstand.
2. Sit astride the seat, and then adjust the rear view mirrors.
3. Switch the turn signal on, check for oncoming traffic, and then slowly turn the throttle grip in order to take off. Switch the turn signal off.

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5.4 Acceleration



Grip throttle use.

The speed can be adjusted by opening and closing the throttle. To increase the speed, turn the throttle grip in your direction (1). To reduce the speed, turn the throttle grip forward (2).

5.5 Braking

Top stop the vehicle close the throttle completely and apply both front and rear brakes simultaneously while gradually increasing the pressure.



Brake levers use.

CAUTION

Avoid braking hard or suddenly, especially while leaning or riding on low-grip surface.

5.6 Parking

- Do not park on a slope or on soft ground, otherwise the vehicle may overturn.
- Some parts of your vehicle become very hot after use, avoid contact with hot parts and keep your vehicle away from flammable materials.
- Use of an anti-theft systems is recommended.

Parking with the centerstand



Centerstand use.

1. Stand on the left side of the vehicle.
2. Hold the left handle grip with your left hand (1), the grab bar with your right hand (2) and let down the centerstand with your right foot (3).
3. Press down on the tip of the centerstand with your foot and simultaneously, pull up and back.

5.7 Refuelling

- Use only unleaded petrol with recommended octane number.
 - Do not use fuels containing a high concentration of alcohol, oil-petrol mixture or contaminated or lapsed petrol.
 - Avoid getting dust or water in the fuel tank.
- Avoid harsh braking and acceleration, anticipate to traffic.
 - Avoid unnecessary loads.
 - Do not accelerate when starting your vehicle, in addition to unnecessary fuel consumption can cause excessive wear of engine parts.

5.8 Engine running-in

To increase the durability of the vehicle during the first 1.000 kilometres consider these recommendations:

- Avoid prolonged full-throttle operation or overheat the engine.
- Avoid sudden braking and handling of your vehicle.

5.9 Fuel Consumption

In order to minimize fuel consumption, consider the following recommendations:

- Avoid over-rev the engine during acceleration.
- Stop the engine during long stops (traffic lights, jams...).
- Check the tyre pressure periodically

6. MAINTENANCE

6. Maintenance

Keeping your vehicle well-maintained is absolutely essential to your safety, protect your investment and obtain maximum performance. Maintenance is the owner's responsibility. Be sure to inspect your vehicle before each ride and perform the periodic checks specified in the Service Schedule.

6.1 Safety on maintenance

Make sure that you have the tools, parts and skills required to perform each task. In case of doubt, visit a Bye Bike dealer.

Unless otherwise indicated in this manual, turn off and cold the engine before performing any operation.

6.2 Service schedule

Most important points of inspection, adjustment, replacement and lubrication are explained on the following pages.

The intervals given in the service schedule should be simply considered as a general guide under normal riding conditions. However, depending on the terrain, weather, geographical location and individual use, the service schedule may need to be shortened.

From 11,000 Km repeat the service intervals starting at 3,000 Km.

ITEM	PRE-RIDE CHECKS	KILOMETERS								ANUAL CHECK
		500	1.000	3.000	5.000	7.000	9.000	11.000	13.000	
Fuel tank level	I									
Engine oil tank level	I									
Fuel line			I	I	I	I	I	I	I	I
Air filter			I	C	R	C	R	C	R	
Carburetor			I	I	I	I	I	I	I	I
Engine oil pump				I		I		I		I
Spark plug				R	R	R	R	R	R	I
Transmission oil			R		R		R		R	
Drive chain and sprockets	I	CL	CL Every 500 Km							
Variator belt			I	I	I	I	I	I	I	
Variator rollers			I	I	I	I	I	I	I	
Battery				I	I	I	I	I	I	I
Brakes and shoes/pads	I		I	I	I	I	I	I	I	I
Brake levers and cables	I			IL	IL	IL	IL	IL	IL	I
Suspensions				I	I	I	I	I	I	
Wheels				I	I	I	I	I	I	
Tyres	I		I	I	I	I	I	I	I	I
Wheel bearings				I	I	I	I	I	I	
Steering bearings			I	I	L	I	L	I	L	
Centerstand				L	L	L	L	L	L	
Throttle grip and cable	I		I	IL	IL	IL	IL	IL	IL	I
Lights/switches/horn	I		I	I	I	I	I	I	I	I
Nuts, bolts and fasteners		I	I	I	I	I	I	I	I	

R Replace **C** Clean **L** Lubricate **I** Inspect (clean, adjust, lubricate or replace if necessary)

6.3 Spark plug

Spark plug check

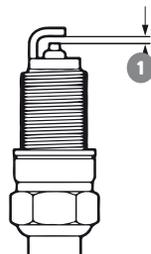
For the recommended spark plug see "Specifications" (Chapter 8).

CAUTION

Using spark plugs with an improper heat range can cause engine damage.

1. Disconnect the spark plug cap.
2. Clean any dirt from around the spark plug base.
3. Remove the spark plug using a spark plug wrench.
4. Inspect the electrodes and centre porcelain for deposits, erosion or carbon fouling. If the erosion or deposit is heavy, replace the plug. Clean a carbon or wet-fouled plug with a plug cleaner, otherwise use a wire brush.
5. Check the spark plug gap using a wire-type feeler gauge. If adjustment is necessary, bend the side electrode carefully.

The electrodes gap should be 0,7 to 0,9 mm.



1. Electrodes gap.

6. Make sure the plug washer is in good condition.
7. With the plug washer attached, oil the spark plug.
8. Tighten the spark plug.

Spark plug tightening torque: 25Nm

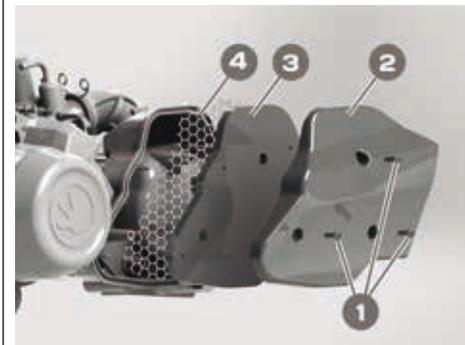
9. Reinstall the spark plug cap.

6.4 Air filter

The air filter element should be cleaned/replaced at the intervals specified in the service schedule. The air filter in your vehicle is wet type, we recommend you contact a BYE BIKE dealer for maintenance.

Access the air filter element

1. Remove the screws that fasten the air filter case cover.
2. Remove the air filter case cover and the fastening grid
3. Pull the air filter element out.
4. Refit all components in reverse order.



1. Screws. 2. Filter cover.
3. Air filter element. 4. Filter fastening grid.

6.5 Carburettor

Carburettor is an important part of your vehicle and requires a sophisticated setting. Therefore, all carburettor adjustments should be performed by a BYE BIKE dealer.

BYE BIKE**6.6 Throttle grip
Free play***Throttle grip free play.*

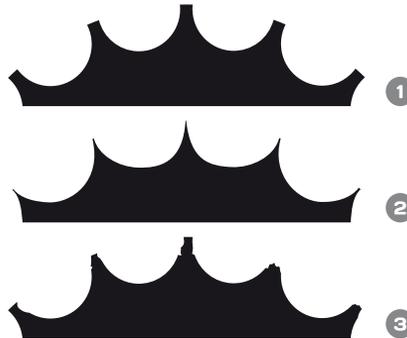
The throttle grip free play should measure 2-5 mm at the inner edge of the throttle grip. Periodically check the throttle grip free play and, if necessary, adjust it following the instructions below.

1. Loosen the locknut.
2. To increase the free play turn the adjusting nut clockwise and to reduce free play turn the adjusting nut counter-clockwise.
3. Tighten the locknut.

6.7 Transmission

For safety and to prevent excessive wear the drive chain must be checked, adjusted and lubricated in accordance with service schedule. Checking, adjustment and lubrication must be carried out more frequently for extreme conditions such as salty or heavily gritted roads. If the chain does not move smoothly, makes strange noises, has damaged rollers, loose pins or deformations, please inspect the chain in a BIKE BYE dealer.

Front and rear sprockets also must be inspected. If any of these elements is worn or damaged, must be replaced on your BYE BIKE dealer.



1. Sprocket in good condition.
2. Worn sprocket.
3. Damaged sprocket.

Drive chain free-movement check

The vertical movement of the drive chain must be in the range 10 - 15 mm. Never ride your vehicle if the free-movement clearance exceeds 30 mm. Free-movement must be checked at different points on the chain, if this is not constant it is possible that some links or sprockets are in bad condition. Have a BYE BIKE dealer check the drive chain and sprockets immediately.

Drive chain check:

1. Place the vehicle on a level surface and hold it in an upright position with no weight on it.
2. Loosen the screws and remove the transmission cover.
3. Raise and lower the drive chain, the distance between the highest point and the lowest point should be between 10 and 15 mm.
4. Rotate the rear wheel and make sure the drive chain moves smoothly.

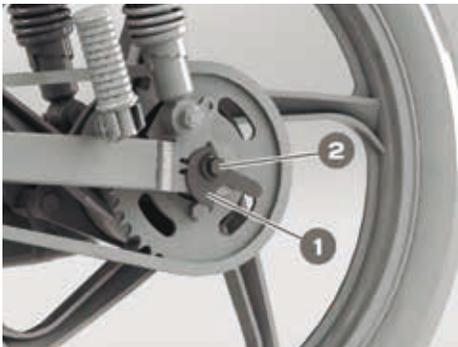
Drive chain free-movement must be in the range 10-15 mm.

5. Inspect the engine's sprocket and rear sprocket condition.
6. Clean and lubricate sprockets and drive chain.
7. Reinstall all the parts.

Drive chain free-movement adjustment

Drive chain free-movement adjustment requires advanced mechanical skills, therefore this task should be left to a BYE BIKE dealer.

1. Place the vehicle on a level surface and hold it in an upright position with no weight on it.
2. Loosen the rear axle nut.
3. Rotate the tensioner clockwise and pull the wheel back to tension the chain. Turn the tensioner counter-clockwise and push the wheel forward to loosen the chain.
4. Make sure the chain tensioner teeth fits properly on the wheel gear.



1. Drive chain tensioner.
2. Rear axle nut.

5. Check the drive chain free-movement.



1. Drive chain free-movement

6. Check the rear axis alignment.
7. Tighten the rear axis nut.
8. Check the drive chain free-movement again.
9. Moving the rear wheel to adjust the drive chain free-movement the rear brake free play should be modified. Check the rear brake free play and adjust it if necessary.

If the drive chain free-movement is excessive when moving the rear wheel to the furthest limit, the drive chain is worn out and needs to be replaced. Make it replace on a BIKE BYE dealer.

Cleaning and lubrication

Clean and lubricate the chain regularly to prevent premature wear and ensure smooth and safe operation of your vehicle. Clean the chain using a chain cleaner and a soft cloth. Rotate the rear wheel during cleaning to remove all traces of dirt and

grease from the chain and sprockets.

After cleaning, lubricate the drive chain with the chain lubricant recommended by BIKE BYE. Do not use solvents with a low flash point or gasoline to clean the chain. Keep other parts

NOTE

To maximize its life, BIKE BYE recommends lubricate the chain and the sprockets each 500Km with GRO Chain Lube

6.8 Tyres

Tyre air pressure check

Visually inspect your tyres and use an air pressure gauge to measure the air pressure at least once a month or any time you think the tyres look low. Always check air pressure when your tyres are cold.

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Air pressure gauge.

Tyres air pressure

0 to 90 kg load:

Front tyre: 245 kPa
(2,45 kgf/cm², 35,5 psi, 2,45 bar).

Rear tyre: 245 kPa
(2,45 kgf/cm², 35,5 psi, 2,45 bar).

91 to 150 kg load:

Front tyre: 260 kPa
(2,60 kgf/cm², 37,7 psi, 2,60 bar).

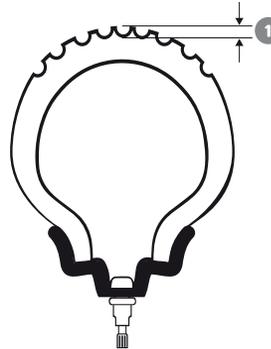
Rear tyre: 260 kPa
(2,60 kgf/cm², 37,7 psi, 2,60 bar).

Inspecting for damage:

1. Inspect the tyres for cuts, slits, or cracks that exposes fabric or cords, or nails or other foreign objects embedded in the side of the tyre or the tread. Also inspect for the bumps or bulges in the side walls of the tyres.

2. Inspect the tyres for signs of abnormal wear on the contact surface.

3. Before each ride inspect the tread depth is, at least 1,6 mm. In some countries this measure may differ, check that your Tyres are in accordance with the regulations of each country.



1. Tyre tread depth (perpendicular view).

CAUTION

Riding on tyres that are excessively worn or improperly inflated can cause a crash. Have your tyres replaced by your BYE BIKE dealer.

Tyre specifications

Front tyre

2½-17"

Rear tyre

2½-17" or 2¾-17"

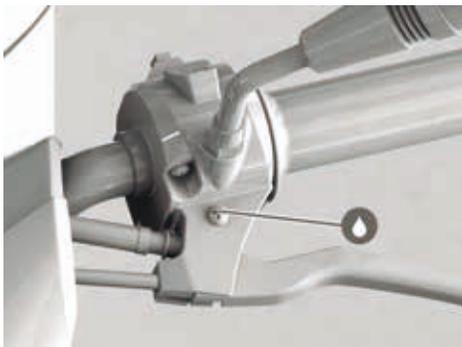
6.9 Wheels**Wheels condition**

The wheel rims should be checked for cracks, bends, warp-age or other damage before each ride. If any damage is found, have a BYE BIKE dealer replace the wheel. Do not attempt even the smallest repair to the wheel. A deformed or cracked wheel must be replaced.

6.10 Levers and cables**Brake levers free play**

The brake levers free play should measure 10-20 mm. Periodically check the brake lever free play and, if necessary, adjust it as follows. To increase the brake lever free play, turn the adjusting nut at the brake shoe plate in direction (1). To decrease the brake lever free play, turn the adjusting nut in direction (2).

Brake levers and cables lubrication



Brake levers and cables lubrication.

The operation of all levers should be checked before each ride. The pivoting points of the brake levers must be lubricated at the intervals specified in the service schedule. For levers lubrication use a Lithium-soap-based grease.

The operation of all control cables and the condition of the cables should be checked before each ride, and the cables and cable ends should be lubricated if necessary. If a cable is damaged or does not move smoothly, have a BYE BIKE dealer check or replace it. For cables lubrication use a Multispray.

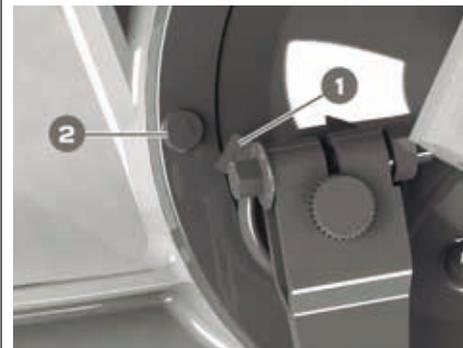
- Cable lubrication:
1. Remove the handlebar controls by loosening screws.
 2. Slide the cable cover.
 3. Apply GRO Multispray.
 4. Reassemble all the elements and adjust the levers/throttle grip free play.

CAUTION

Improper free play in the brake levers could indicate a problem in the brake system. Do not use your vehicle until a BYE BIKE dealer inspect the brake system.

Brake levers recommended lubricant:
Lithium-soap-based grease
Cables recommended lubricant:
GLOBAL RACING OIL (GRO)
Multispray

6.11 Brake shoes



Brake shoes wear indicator.

The front and the rear brake shoes must be checked for wear at the intervals specified in the service schedule.

Brakes are provided with a wear indicator, which allows you to check the brake shoe wear without having to disassemble the brake.

To check the brake shoe wear, check the position of the wear indicator (1) while applying the brake. If a brake shoe has worn to the point that the wear indicator reaches the wear limit mark (2), have a BYE BIKE dealer replace the brake shoes.

BYE BIKE**6.12 Centerstand**

The operation of the centerstand should be checked at the intervals specified on the service schedule, and the pivots should be lubricated if necessary.

Centerstand recommended lubricant:
Lithium-soap-based grease



1. Centerstand.

 **CAUTION**

If the centerstand does not move up and down smoothly, have a BYE BIKE dealer check or repair it. Otherwise, the centerstand could contact the ground resulting in a possible loss of control.

6.13 Suspensions

Front suspension presents a 28mm telescopic fork while rear suspension presents two 24 mm shock-absorbers. Periodically check the suspension operation is smooth and there are no leaks.



Front fork.

Front fork

The condition and operation of the front fork can be checked as follows:

1. Check the inner tubes for scratches, damage and excessive oil leakage.
2. Place the vehicle on a level surface and hold it in an upright position.
3. While applying the front brake, push down hard on the handlebars several times to check if the front fork compresses and rebounds smoothly.

If any damage is found or the front fork does not operate smoothly, have a BYE BIKE dealer check or repair it. Front fork should be inspected at the intervals described on the service schedule.

Rear suspension

The condition and operation of the rear suspension can be checked as follows:

1. Check the inner tubes for scratches, damage and excessive oil leakage.
2. Place the vehicle on a level surface and hold it in an upright position.
3. While applying the rear brake, push down hard on the rear part of the vehicle to check if the rear suspension compresses and rebounds smoothly.

If any damage is found or the suspension does not operate smoothly, have a BYE BIKE dealer check or repair it. Rear suspension should be inspected at the intervals described on the service schedule.



Pre-load adjustment.

Adjusting the rear suspension

You can adjust the pre-load on the rear shocks to adapt your vehicle to load.

To set pre-load, turn the knob to the left or right to the desired position. Position 5 provides the lower pre-load while 1 offers the highest pre-load.

Use a special wrench for suspensions to perform this task.



Pre-load levels: 5. Minimum pre-load - 1. Maximum pre-load.

6.14 Steering



Steering check

Worn or loose steering bearings may cause danger. Therefore, steering must be checked as follows at the intervals specified in the service schedule.

To check the steering operation, place the vehicle on the centerstand, hold the lower ends of the front fork legs and try to move them forward and backward. If any free play can be felt, have a BYE BIKE dealer check or repair the steering.

6.15 Wheels bearings



Wheels bearings check.

The front and rear wheel bearings must be checked at the intervals specified in the service schedule. To check the wheels bearings, place the vehicle on the centerstand, hold front fork legs (for the front wheel) or the swing-arm (for the rear wheel)

BYE BIKE

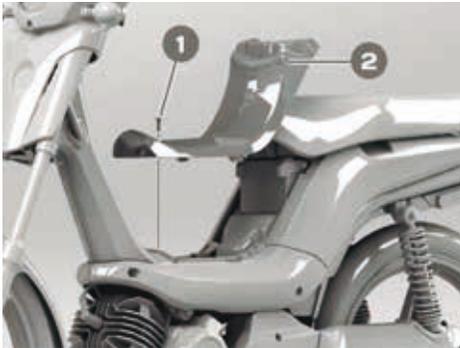
and try to move the wheel sideways. If there is any play in the wheel hub or if the wheel does not turn smoothly, have a BYE BIKE dealer check or repair the steering.

6.16 Battery

The battery is located on the top centre of the chassis. Remove the top panel of the engine compartment to access the battery.

Remove the central cover:

1. Remove the screw.
2. Remove the central cover.

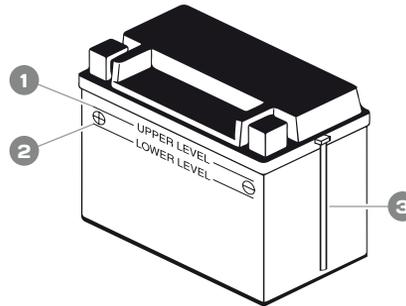


1. Screw. 2. Central cover.

A poorly maintained battery will corrode and discharge quickly. The electrolyte level, battery lead connections and breather hose routing should be checked at the intervals specified in the service schedule.



1. Battery.

Check the electrolyte level

Battery electrolyte levels

1. Maximum level mark.
2. Minimum level mark.
3. Breather hose routing.

Electrolyte check:

1. Place the scooter on a level surface and hold it in an upright position.
2. Remove the engine compartment top panel.
3. Check the electrolyte level in the battery.
4. If the electrolyte is at or below the minimum level mark, add distilled water to raise it to the maximum level mark.
5. Check and, if necessary, tighten the battery lead connections and correct the breather hose routing.

CAUTION

Use only distilled water, as tap water contains minerals that are harmful to the battery.

WARNING

Keep this and all batteries out of the reach of children.

Recommended battery: GT4L-BS
(12V, 4.0 Ah)

⚠ WARNING

Electrolyte is poisonous and dangerous since it contains sulphuric acid, which causes severe burns. Avoid any contact with skin, eyes or clothing and always shield your eyes when working near batteries. In case of external contact: flush with plenty of water. In case of ingestion: drink large quantities of water or milk and immediately call a doctor. In case of contact with eyes: flush with water for 15 minutes and seek prompt medical attention.

⚠ WARNING

Batteries produce explosive hydrogen gas. Therefore, keep sparks, flames, cigarettes, etc., away from the battery and provide sufficient ventilation when charging it in an enclosed space.

Storing the battery

1. If the vehicle will not be used for more than one month, remove the battery, fully charge it, and then place it in a cool, dry place.
2. If the battery will be stored for more

than two months, check the specific gravity of the electrolyte at least once a month and fully charge the battery whenever necessary.

3. Fully charge the battery before installation.

4. After installation, make sure that the battery leads are properly connected to the battery terminals and that the breather hose is properly routed, in good condition, and not obstructed.

✋ CAUTION

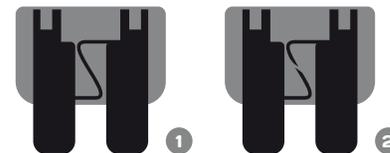
When removing the battery, be sure the key is turned to "OFF"; then disconnect the negative lead before disconnecting the positive lead.

✋ CAUTION

Vehicle could suffer structural and external damages if is exposed to electrolyte or gas, expelled from the battery.

6.17 Fuse

Fuses protect the electrical circuits on your vehicle. If something electrical on your vehicle stops working, check the fuse and replace it if necessary.



1. Fuse in good condition. 2. Blown fuse.

Replacing the fuse

The fuse holder is located besides the battery. Remove engine compartment top panel to access the fuse. If the fuse is blown, replace it as follows:

1. Turn the key to "OFF" and turn off all electrical circuits.
2. Remove the blown fuse, and then install a new fuse of the specified amperage.

BYE BIKE*Fuse location.***CAUTION**

Do not use a fuse of a higher amperage rating than recommended to avoid causing extensive damage to the electrical system.

Specified fuse: 15,0 A

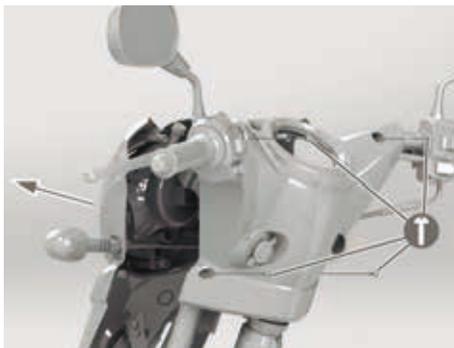
3. Turn the key to "ON" and turn on the electrical circuits to check if the devices operate.

4. If the fuse immediately blows again, have a BYE BIKE dealer inspect the electrical system.

6.18 Bulbs**Headlight bulb**

If the headlight bulb burns out, replace it as follows:

1. Turn the key to the "OFF".
2. Remove the front cover by removing the screws.

*Front cover.*

3. Remove the headlight bulb cover.

*1. Headlight. 2. Bulb cover.*

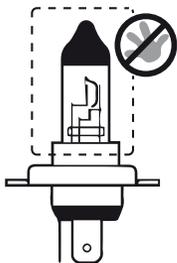
4. Disconnect the headlight coupler.
5. Unhook the headlight bulb holder, and then remove the burnout bulb.
6. Place a new headlight bulb into position, and reinstall all the parts.

CAUTION

Do not use a headlight bulb of a wattage higher than specified otherwise electrical system or headlight may be damaged.

CAUTION

Do not touch the glass part of the headlight bulb to keep it free from oil, otherwise the transparency of the glass, the luminosity of the bulb, and the bulb life will be adversely affected. Thoroughly clean off any dirt and fingerprints on the headlight bulb using a cloth moistened with alcohol.



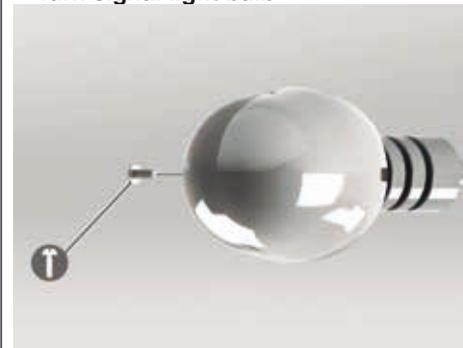
Headlight beam adjustment



1. Headlight beam regulator.

Headlight beam inclination is adjusted by the underneath screw. To raise the beam unscrew the adjusting screw (counter-clockwise) while to lower the beam screw the adjusting screw (clockwise). Please check the local regulations concerning the headlight inclination.

Turn signal light bulb



Turn signal.

If the turn signal bulb burns out, replace it as follows:

1. Turn the key to the "OFF".
2. Remove the lens by removing the screw and releasing the tab.
3. Remove the reflector by releasing the tabs.
4. Remove the burnout bulb by pushing it in and turning it counter-clockwise.
5. Insert a new bulb into the socket -push it and then turn it clockwise until it stops- and reinstall all the parts.

Tail light



1. Tail light.

If the tail / brake light does not work or does not work properly contact a BYE BIKE dealer. The tail/brake light is composed by LED lamps. The tail/brake light also serves as license plate light.

6.19 Additional informations

Fuels containing alcohol

Some conventional fuels blended with alcohol are available in some locales to help reduce emissions to meet clean air standards. If you plan to use blended fuel, check that it is unleaded and meets the minimum octane rating number.

CAUTION

Change your fuel supplier if you notice a performance loss or engine malfunction.

Main switch

If you leave the main switch connected with the engine off, the battery will discharge.

Odometer

The odometer backs to 0 when it exceeds 99999.9 km.



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7. CLEAN AND CARE

7. Clean and care

Frequent cleaning and polishing is important to ensure the life of your BYE BIKE vehicle. A clean vehicle makes it easier to spot potential problems.

Store your the vehicle in a cool and dry place and, if necessary, protect it against dust with a porous cover. Check that the engine and exhaust system are cool before covering the vehicle.

7.1 Cleaning

Before cleaning

1. Allow the engine, exhaust and other high-temperature parts to cool
2. Cover the muffler outlet with a plastic bag.
3. Make sure that all caps and covers as well as all electrical couplers and connectors, including the spark plug cap, are tightly installed.
4. Remove extremely stubborn dirt, like oil burnt onto the crankcase, with a degreasing agent and a brush, but never apply such products onto seals, gaskets and wheel axles. Always rinse the dirt and degreaser off with water.

Cleaning

After a normal use

Remove dirt with warm water, a mild detergent, and a soft, clean sponge, and then rinse thoroughly with clean water. Use a toothbrush or bottle-brush for hard-to-reach areas. Stubborn dirt and insects will come off more easily if the area is covered with a wet cloth for a few minutes before cleaning.

CAUTION

Avoid products that contain harsh detergents or chemical solvents. These can damage the metal, paint, and plastic on your vehicle.

CAUTION

Improper cleaning can damage plastic parts and the muffler. Use only a soft, clean cloth or sponge with water to clean plastic. However, if the plastic parts cannot be thoroughly cleaned with water, diluted mild detergent with water may be used.

CAUTION

Do not use high-pressure washers or steam-jet cleaners. They can damage electric components and moving parts.

After riding in the rain, near the sea or on salt-sprayed roads

Sea salt or salt sprayed on the roads during winter are extremely corrosive in combination with water, carry out the following steps after each ride in the rain, near the sea or on salt-sprayed roads.

1. Clean the vehicle with cold water and a mild detergent after the engine has cooled down. Do not use warm water since it increases the corrosive action of the salt.
2. Apply a corrosion protection spray on all metal surfaces to prevent corrosion.

 CAUTION

Do not direct water at the following parts:

Muffler. Water can prevent starting and causes rust in the muffler.

Under the seat. Water can damage documents and other belongings.

Air filter. Water can prevent the engine from starting.

Headlight. Any condensation inside the headlight should dissipate after a few minutes of running the engine.

After the cleaning

1. Dry the scooter with a chamois or an absorbing cloth.
2. Use a chrome polish to shine chrome, aluminium and stainless steel parts.
3. To prevent corrosion, it is recommended to apply a corrosion protection spray on all metal surfaces.
4. Lubricate all moving parts.
5. Lubricate drive chain.
6. Apply GLOBAL RACING OIL (GRO) Silicon Plus to protect and make shine the fairings and the painted surfaces.
7. Let the vehicle dry completely before storing or covering it.

 WARNING

Contaminants on the brakes or tyres can cause loss of control. Make sure that there is no oil or wax on the brakes or Tyres. If necessary, clean the brake discs and brake linings with a regular brake disc cleaner or acetone, and wash the Tyres with warm water and a mild detergent.

Water adversely affects the brakes. After washing, dry and then apply the brakes intermittently at low speed for complete drying.

 CAUTION

Apply spray oil and wax sparingly and make sure to wipe off any excess. Never apply oil or wax to any rubber and plastic parts, but treat them with a suitable care product. Avoid use abrasive polishing compounds as they will wear away the paint.

7.2 Long-term storage

If you won't be riding for an extended period of time, follow these guidelines:

1. Clean your vehicle and wax all painted surfaces (except matte painted surfaces).
2. Coat chrome pieces with rust-inhibiting oil.
3. Lubricate the drive chain.
4. Fill up the fuel tank and add fuel stabilizer (if available) to prevent the fuel tank from rusting and the fuel from deteriorating.
5. Lubricate all control cables and the pivoting points of all levers and pedals as well as of the centerstand.
6. Place your vehicle on its centre stand and position a block so that both tyres are off the ground.
7. Remove the battery to prevent discharge. Charge the battery in a shaded, well-ventilated area. If you leave the battery in place, disconnect the negative terminal to prevent discharge.
8. Cover the muffler outlet with a plastic bag to prevent moisture from entering it.

After removing your vehicle from storage, inspect all maintenance items required by the service schedule.

7.3 Transporting the vehicle

If your vehicle needs to be transported, it should be carried on a motorcycle trailer or a flat-bed truck or trailer that has a loading ramp or lifting platform, and motorcycle tie-down straps. Never try to tow your vehicle with a wheel or wheels on the ground.

CAUTION

Towing your vehicle can cause serious damage to the transmission.

8. Specifications

Dimensions

Length: 1.858 mm

Width: 689 mm (without rear-views)

Height: 1.098 mm

Seat height: 801 mm

Wheelbase: 1.216 mm

Minimum ground clearance: 187 mm

Weight

Empty weight: 63 kg

Passengers: A rider (BYE BIKE One) or a rider and a passenger (BYE BIKE One+)

Maximum load: 150 kg

Frame

Type: Mixed (pressed steel / tubular)

Caster angle: 25'7°

Engine

Type: Single cylinder, 2T

Displacement: 49,9 cc

Bore/stroke: 39,88 x 40mm

Compression: 9,5:1

Ignition: electronic (CDI)

Starting: Electric / kick

Lubrication: Separated/automatic

Carburettor: Dell'Orto PHVA 12

Spark plug: NGK BR7ES

Spark plug - electrodes gap: 0,7 to 0,9 mm

Choke: automatic

Clutch: centrifugal, automatic

Air filter: wet element

Fuel tank capacity: 4,2 litres (including a 0,5 litres fuel reserve)

Recommended fuel: unleaded gasoline with a octane number of 90 or higher

Engine oil tank capacity: 1,3 litres

Recommended engine oil: GLOBAL RACING OIL (GRO) Scooter Oil 2T

Secondary transmission: Chain (415 / 98 steps)

Drive chain free-movement: 10 to 15 mm

Drive chain recommended lubricant: GLOBAL RACING OIL (GRO) Chain Lube

Engine sprocket: 13T

Rear sprocket: 40T

Transmission oil: GLOBAL RACING OIL (GRO) Gear Trans 85W140

Tyres

Front tyre measurements: 2½-17" or 2¾-17"

Rear tyre measurements: 2½-17" or 2¾-17"

Tyre air pressure

0 to 90 kg loading

Front tyre: 245 kPa (2,45 kgf/cm², 35,5 psi, 2,45 bar).

Rear tyre: 245 kPa (2,45 kgf/cm², 35,5 psi, 2,45 bar).

91 to 150 kg loading

Front tyre: 260 kPa (2,60 kgf/cm², 37,7 psi, 2,60 bar).

Rear tyre: 260 kPa (2,60 kgf/cm², 37,7 psi, 2,60 bar).

Wheels

Front wheel: Light alloy rim, with inner tube, 1,4x17"

Rear wheel: Light alloy rim, with inner tube, 1,4x17" or 1,6x17"

Brakes

Front brake: 110 mm drum

Rear brake: 110 mm drum

Brake levers lubricant: Lithium-soap-based grease

Brake cables lubricant: GLOBAL RACING OIL (GRO) Multispray

Centerstand

Lubricant: Lithium-soap-based grease

8. Specifications

Suspensions

Front suspension: helical spring fork with 28 mm oil shock absorbers

Rear suspension: Two 24mm shock absorbers with helical spring

Battery

Type: GT4L-BS (12V, 4.0 Ah)

Fuse

Type: 15A

Bulbs

Headlamp: HS1 12V 35/35W (x1)

Brake / tail light: LED (x5)

Front turn signals: R19/10 12V 10W (x2)

Rear turn signals: R19/10 12V 10W (x2)

Torque specifications

Spark plug: 25 Nm

Notes

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