

MOTOCROSS USER MANUAL





IMPORTANT INFORMATION

WARNING

This motorbike is not approved for a use on the public highway, please note it's forbidden and dangerous to use it in this perspective. Elements not approved by local government include, normal road lights, indicators, tyres as well as registration are not present on this vehicle because it wasn't manufactured for road use. This motorbike is to be used for the leisure only and must only used in private tracks, away from the public places (roads, forest roads, car park...)

The use of this motorbike implies the acceptance of warnings and safety instructions of this owner's manual by the user. The sticker placed on the motorbike reminds you of warnings to be respected.

The importer and the retailer can't be considered responsible for any accident of an abnormal use of this motorbike, in case of use on the public highway.

BEFORE YOU START

Starting superlite bike engines will take some practice. All superlite bike engines have relatively high compression ratios and require a "quality over quantity" approach in order to ensure quick start ups and avoid mechanical mishaps. It is important follow this routine the first few times when first attempting to start your bike.

1. Slowly kick engine over until the kick start reaches a compression stroke (the point in which the kick start lever is hardest to push down.)
2. Slowly continue to press the kick starter until the engine rotates slightly through the firmest point in the compression stroke.
3. Allow the kick start lever to return back its top rest position
4. With a quick and balanced motion - Move down forcefully on the kick lever. These motors need a



strong, quick kick to get started.

5. If you fail to follow this procedure, especially with longer stroke engines or 125cc + bores you can cause serious damage to your crankcase, clutch and transmissions assemblies!

TIPS TO AVOID KICKBACK

Hold onto the crossbar pad with your throttle hand while kicking the bike over to avoid twisting the throttle open by accident

1. Before start up - turn the idle screw on the carburettor in a turn or 2 (turn the screw back out to normal idle setting once running.)
2. Use a digital CDI with variable ignition timing at start-up, this will help reduce kick back and allow the bike to start much easier compared to the stock CDI unit.
3. If ignition timing is adjustable it should be adjusted to the minimum
4. Furious, repeated kicking will not get the engine started - firm, full stroke kicks are the only way to get them to start first kick, every time "Quality over Quantity"
5. Throttle must be completely closed when you kick the engine over or it will kick back EVERY TIME.
6. A small blip of the throttle maybe used when the engine is hot if required but NO more than 10 ° opening of the throttle in any case!



CONTENTS

1. BRAAAP LIFETIME WARRANTY PROGRAM

Page 6

Lifetime Warranty Terms and Conditions.

2. GENERAL INFORMATION

Page 11.

This section is a general overview including: safety information, weight guidelines, parts and accessories, safety labels, component locations, key components, preparing to ride, preparing your motorcycle, starting the engine, setting off and stopping your motorcycle, transporting your motorcycle and motorcycle storage.

3. MAINTENANCE AND SERVICE INFORMATION

Page 29.

This section reviews: Break-in period, general maintenance and servicing, maintenance schedule, specifications, torque table, throttle grip/freeplay, carburetor adjustments, engine oil, fuel, modular saddle system, spark plug, air cleaner, clutch system, spark arrester, suspension,

brakes, tires and tubes, wheels, side stand, drive chain and cleaning.

4. TROUBLESHOOTING BASICS

Page 65

This section will enable you to be prepared to solve the common issues with your motorcycle that may arise periodically.

5. MISCELLANEOUS INFORMATION

Page 67

This section covers: Environmental protection, emission controls, noise controls, vehicle identification number and owner satisfaction.

6. OWNER DETAILS AND WARRANTY MAINTENANCE SHEETS

Page 72

This section covers: owner details, warranty maintenance schedule sheets, general part numbers for common parts and helpful braaap websites.

Thank you for choosing one of our motorcycles. Through the design, development and manufacture of this vehicle, our company applies the latest advanced technology and equipment to provide you with a motorcycle that is reliable in performance, novel in design and elegant in appearance.

Motorcycle driving is one of the most exciting sports. The motorcycle is an ideal means of transport and can give you infinite riding pleasure. Before riding your motorcycle, please become familiar with all instructions and requirements mentioned in this manual.

The owner manual provides information on the correct use and maintenance of the motorcycle. Observing the instructions contained herein will ensure the long life and safe use of your motorcycle.

Off-road motorcycle riding can be dangerous - even fatal - so please follow the rules and guidelines found in this booklet.

Please adhere to your local off-road vehicle guidelines and only ride on approved trails.



1. BRAAAP LIFETIME WARRANTY PROGRAM

WARRANTY PERIOD LIFETIME WARRANTY

Please read carefully this entire warranty document to fully understand the warranty offered to our customers. braap offers our customers a limited lifetime warranty from the date of delivery of your bike. Limited lifetime warranty is for defect from the manufacturer only. Should purchaser have a part that needs replacing, they should contact their closest braap store immediately. We recommend that you contact your local braap store to perform repairs on your bike whilst within the warranty period. Any damages that occur due to misuse or improper care of the bike including but not limit to exceeding the weight limit (120kg including rider and riding gear; excludes 50cc which is 70 kg), shipping damages, accidents, or gross misuse of normal intended operations are not covered under the warranty.

L.T.W. COVERS THE FOLLOWING PARTS

Engine assembly, including all internal lubricated parts, i.e. rings, pistons, pins, crankshaft and, main bearings,

the connecting rods, and rod bearings, camshaft bearings, trimming chain gears, rocker arms, valve springs, valve guides, valve seats, valve push rods, valve lifters, and oil pump. Additionally, the engine head (s), engine case and cylinder barrels will be covered if they are solely as a result of the manufacturer failure of one or more of the internal lubricated components specified above.

This Limited Lifetime Warranty does not cover the following parts: Tyres, Tubes, Brake Pads, All Cables, All filters, Spark Plugs, Bulbs, Sprockets, External Springs, Seat and hand grips, Rubber parts, Cracked or scratched body parts, Batteries, Kick-starter assembly & associated gears, chains, lost nuts and bolts.

braap offer an exception to all of these non-covered parts: Within seven days of taking receipt of your bike, if any of these parts are defective or missing, braap will replace them under warranty under the following circumstances:

1. We must be contacted within the seven day

1. BRAAAP LIFETIME WARRANTY PROGRAM



time period.

2. Shipping of parts is not covered by our warranty and will be the sole responsibility of the purchaser.
3. The actual part will need to be presented to braaap warranty department before a replacement part can be supplied. In some cases we may accept a photo of the defect where purchaser is unable to return the bike or defective part to our store.

COVERAGE AND LIMITATIONS IMPORTANT:

1. You must commit to 4 'service and safety' checks per year minimum (one per quarter from time of purchase), or 1 'service and safety' check every 10 hours (whichever comes first) at your local braaap store. In addition to your 4 'service and safety' checks you are required to follow braaap's log book servicing and keep log books for the life of your dirt bike outlined in the rear

of this manual.

2. You must purchase our recommended spares kit for the dirt bike of your choice at the time of purchase.
3. A braaap service centre must perform all warranty work on your bike.
4. Subject to the limitations stated in this agreement, braaap agrees (at its election) to replace a covered component if the covered component fails within the component stated warranty period from the date of purchase, while the component is being used under the conditions and in the manner specified by its original manufacturer.
5. If you are an 'out of area' customer and cannot get your bike serviced by a braaap store, you must have it serviced by a qualified mechanic and the mechanic must sign and stamp the back of this book.



1. BRAAAP LIFETIME WARRANTY PROGRAM

LABOUR TO REPAIR OR REPLACE PARTS

All warranty work on your bike must be completed by an approved braaap service centre. All labour costs involved with repair or replacement parts are the responsibility of the customer. All labour associated with replacing a part under warranty must, in all circumstances, be performed by a braaap approved repairer. This replacement is at the cost of the customer.

IMPORTANT NOTES

This Warranty does not include wearable parts or damaged parts from accidents, abuse, or shipping. If you have a part that needs replacing, please contact us, we will let you know the lead time for the part. In some cases, the parts may have to be shipped from overseas and may take up to eight weeks for delivery. All warranted parts must first be returned to our Parts Department, at the owner's expense, for inspection and testing for defects. Until the parts are returned to us, replacement parts will not be sent under warranty.

ITEMS AND CONDITIONS THAT ARE SPECIFICALLY EXCLUDED FROM THIS WARRANTY ARE:

1. Damage caused by accidents, misuse, negligence or improper bike operation.
2. Any modifications or alterations of any standard specification or equipment.
3. Damage caused by failure to perform factory recommended service maintenance.
4. Damage which occurs as a result of improper storage.
5. Damage caused by the use of improper fuel or lubricants.
6. Damage caused by failure to maintain chain tension and lubrication.
7. Damage caused by failure to tighten nuts and bolts prior to each ride.

1. BRAAAP LIFETIME WARRANTY PROGRAM



THIS AGREEMENT AND LIMITED WARRANTY IS RENDERED VOID IF:

1. braaap IS NOT PROVIDED A REASONABLE OPPORTUNITY FOR INSPECTION OF A COVERED COMPONENT PRIOR TO REMOVAL, REPAIR OR REPLACEMENT OF ANY COVERED COMPONENT.
2. THE DAMAGE TO THE COMPONENT IS CAUSED BY A NON-COVERED COMPONENT OR PART OR BY ANY PART OR COMPONENT NOT PURCHASED FROM braaap.
3. THE CUSTOMER FAILS TO FOLLOW THE MINIMUM MAINTENANCE, SERVICE AND SAFETY CHECKS AND RUN-IN REQUIREMENTS SUGGESTED BY THE MANUFACTURER, AND/OR FAILS TO PROVIDE PROPER SERVICE DOCUMENTS.

LIMITED WARRANTY TRANSFERABILITY

THIS AGREEMENT IS PROVIDED TO THE ORIGINAL PURCHASER AND IS NON TRANSFERABLE. NO IMPLIED WARRANTIES OR AGREEMENTS: THERE ARE NO AGREEMENTS OR WARRANTIES, EXPRESSED OR IMPLIED INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OTHER THAN THOSE STATED IN THIS AGREEMENT. braaap SHALL NOT BE RESPONSIBLE FOR THE PAYMENT OF DAMAGES, OTHER THAN THE SUMS SPECIFIED IN THIS AGREEMENT AND LIMITED WARRANTY, FOR INCIDENTAL OR CONSEQUENTIAL LOSS OR DAMAGE ARISING FROM INJURY, LOSS OF USE, LOSS OF TIME, RENTAL VEHICLES, PROFITS, OR INCOME TO THE CUSTOMER AS A RESULT OF A FAILURE OF ANY COMPONENT OR PART.



1. BRAAAP LIFETIME WARRANTY PROGRAM

FREIGHT CHARGES:

ALL FREIGHT CHARGES INCURRED ARE THE RESPONSIBILITY OF THE CUSTOMER.

NO OTHER AGREEMENT:

There are no other agreements between the parties with regards to the products purchased except as stated in this agreement and limited warranty.

WARRANTY PERIOD NON LIFETIME WARRANTY:

Any materials and/or workmanship deemed defective by braaap at time of purchase and up to 7 days after purchase date by any authorized braaap dealer. This applies to the frame, swing-arm, engine and suspension (front and rear). Can be replaced under warranty, regardless of lifetime warranty purchase.

2. GENERAL INFORMATION



In order to thoroughly familiarize yourself with, your new motorcycle it is imperative that you read this section of the Owner's Manual prior to operation. This will ensure that you are well versed in the various features, locations of key parts and safety precautions. It will also provide basic instructions on ride preparation, starting and stopping the motorcycle and other helpful tips.

The manual was prepared to help you obtain a working knowledge of your motorcycle and its parts. After reading it you should be able to perform the basics in terms of riding operations, transporting your motorcycle and storage procedures.

braap recommends braap oil and lubricants; we recommend using all their range of products on our motorbikes.



2. GENERAL INFORMATION

SAFETY INFORMATION

Please follow the below guidelines for safe operation of your motorcycle. Motorcycle riding is dangerous and can cause injury and death if precautions are not followed.

1. This motorcycle is not approved and forbidden on the public highway, reserved only for closed and private tracks.
2. This motorcycle is designed for one experienced adult rider only. Do not attempt to carry a passenger.
3. You should possess good athletic ability and be in good physical condition. Good coordination, balance and a keen sense of judgment are necessary to ride safely.
4. Always wear protective gear, including an approved helmet, eye protection, long-sleeve shirt, long pants, sturdy boots and gloves and auditive plugs.
5. Never wear loose-fitting clothing that may get caught up in the motorcycle's moving parts.
6. This motorcycle was designed for off-road use only. Please follow all applicable laws and regulations.
7. Proper maintenance is crucial to the motorcycle's safety and reliability. Please perform pre-operation checks as outlined in this manual. Read the owner's manual carefully before use.
8. Never ride with a passenger.
9. Never start the engine in an enclosed area due to the harmful effects of carbon monoxide. Carbon monoxide can cause unconsciousness and even death.
10. Make sure always to turn off the motor before refueling with gasoline. Do not spill gasoline on



the engine or on the exhaust system. Do not smoke or re-fuel near an open flame.

11. Do not spill any gasoline or inhale its fumes. Do not allow any gasoline to contact your eyes. Seek medical attention immediately if gasoline contacts your eyes.
12. Do not, under any circumstances, ride your motorcycle after consuming alcohol or drugs. Failure to comply may result in serious injury or death.

WEIGHT GUIDELINES

Your braaap motorcycle was designed for one adult rider. Do not carry a passenger, as this will create a dangerous situation in which an accident may occur.

Maximum weight capacity is 120 kg (excludes 50cc which is 70 kg) Including the weight of the rider and protective gear.

LOADING GUIDELINES

We recommend that you do not carry any baggage on this motorcycle.

- Never exceed the maximum weight limit.
- Check that both tires are inflated properly.

This motorcycle was specifically designed for one rider. Do not, under any circumstances, carry another person on your motorcycle. The result may cause injury or death to the rider and/or the passenger.

In addition, do not carry any baggage on your motorcycle. It was not designed to carry baggage or be used for hauling loads. Using your motorcycle to carry baggage may result in injury or death.

WARNING

Carrying a passenger may cause an accident and you can be seriously hurt or death may result. Do not carry a passenger or any baggage, as it may cause an accident that can lead to serious injury or death.



2. GENERAL INFORMATION

PARTS AND ACCESSORIES

Modifying your motorcycle or using other accessories can make your motorcycle unsafe.

Before you consider making any modifications or adding an accessory, be sure to read the following information.

ACCESSORIES

Do not use parts that have not been specifically designed and tested for your motorcycle. braaap cannot test all other accessories, so you must be personally responsible for proper selection and installation.

MODIFICATIONS

Do not remove and/or change any parts from your motorcycle. In addition to voiding the warranty, installing after-market or non-OEM parts may alter the performance of the motorcycle, causing injury or death.

WARNING

Improper accessories or modifications can cause an accident in which injury or death may occur. Follow all instructions in this Owner's Manual regarding modifications and accessories.

SAFETY LABELS

This page shows the location of safety labels on your motorcycle. Some labels warn you of potential hazards that may cause injury. Others provide important safety information. Read these labels carefully and don't remove them under any circumstances.

If a label comes off or becomes hard to read, contact your braaap dealer for a replacement.



WARNING

- Motorbike not approved on public highway use only reserved on closed and deprived track.
- Always wear helmet, eye protection, protective clothing, Auditive protection.
- Read the owner's manual carefully before use this motorbike.
- NEVER use this motorbike with passenger.
- Never exceed the capacity of 120kg maximum load.
- Do not touch any moving parts and hot parts.



2. GENERAL INFORMATION

KEY COMPONENTS

This section reviews the Key Components necessary for basic operation of your braap motorcycle. Please thoroughly review this section to familiarize yourself with the Key Components so that you may have an enjoyable, safe riding experience.

- Fuel Valve
- Choke Lever
- Engine Stop Button
- Front Brake Lever
- Throttle
- Clutch Lever
- Gear Shift
- Rear Brake Pedal
- Kick-starter
- Side Stand



FUEL VALVE

This component controls the fuel flow from the fuel tank to the carburetor.

ON



In order to start the engine, you must first turn the fuel tap to the ON position, which allows fuel to flow from the fuel tank to the carburetor.

OFF



When you finish riding, turn the tap to the OFF position, which prevents the flow of fuel from the fuel tank to the carburetor.

RES



Turning the fuel tap to RES allows fuel to flow from the reserve fuel supply to the carburetor.

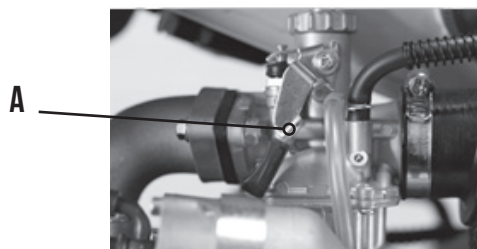
The reserve fuel supply is: 0.26 gallons (it is imperative that you refuel as soon as possible to avoid running out of fuel). Once you have refueled your machine turn the lever back to the ON position.



2. GENERAL INFORMATION

CHOKE LEVER

The choke lever is used to increase the fuel to air ratio and helps start your motorcycle when it is cold.



B



C

(A) Choke lever

(B) Choke lever OFF position

(C) Choke lever ON position



A



(A) ENGINE STOP BUTTON

The engine stop button instantly kills the engine. If you crash and the motorcycle is on its side you can simply push the button and stop the motor.

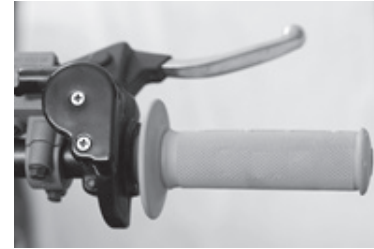
(B) FRONT BRAKE LEVER

The front brake lever is used to slow or stop your motorcycle. To operate/ pull the lever towards you. Do not pull too hard or you may have an accident.

B



C



(C) THROTTLE

The throttle controls the speed of your motorcycle. With your right hand/ twist the throttle back towards you to increase speed. When you turn your hand back to the front it will release/ thereby decreasing the speed. Do not remove your hand while riding as injury or death may occur. Always keep two hands on the handlebars while riding.



2. GENERAL INFORMATION

Please carefully review the Key Components listed below and become familiar with the procedures necessary to successfully operate your motorcycle:

CLUTCH LEVER (IF INCLUDED ON YOUR MODEL)



The clutch lever is used to ensure a smooth change of gears. Pull the clutch lever in with your left hand each time (4 gears) you want to change gear.

GEAR SHIFT



The gear shift is used by your left foot to change gears. The gear program is normally 4 up (neutral all the way down) check with your braaap store as some models vary.

REAR BRAKE PEDAL



The rear brake pedal is used to slow or stop your motorcycle with your right foot.

Press down slowly and methodically to reduce speed.



KICK-STARTER



The kick-starter is the lever on the right side of your machine that actually starts the motorcycle.

Turn the kick-starter out and press it down with your right foot while turning the throttle. Press all the way down and let pop back up to starting position. Check with your braap store on the correct starting procedure as misuse may cause damage to your engine that may not be covered under warranty.

SIDE STAND (IF FITTED)



The side stand is used to keep your motorcycle upright while parked. While seated on the motorcycle, use your left foot to lower the stand. Once it is secure on the ground you may release the motorcycle from your grip.



2. GENERAL INFORMATION

PREPARING YOUR MOTORCYCLE

Off-road riding can damage your machine. It is imperative that you inspect your motorcycle prior to riding it, ensuring that it will operate safely. Please review the following information so that you can avoid disaster.

WARNING

Proper maintenance is key to safe riding. Failure to properly maintain and inspect your motorcycle may lead to accidents that can cause severe injury or even death. Thoroughly examine your motorcycle prior to each ride, ensuring proper working condition on all parts.

PRE-RIDE INSPECTION

Visually inspect following items before riding your motorcycle:

FUEL

Open the cap to visually inspect the fuel level. Add fuel as needed. Also make sure the fuel fill cap is securely fastened.

LEAKS

Inspect the underside of the motorcycle to look for any fuel or oil leaks.

ENGINE OIL

Check the oil level and add as needed. braaap recommends using braaap genuine oil.

SPARK PLUG & CAP

Ensure that the cap is secure and that the spark plug is fastened tightly.

TIRES

Thoroughly examine tires for excessive wear and use tire gauge to check pressure. If pressure is low, inflate to required pressure.

SPOKES & RIMS

Examine spokes to ensure tightness. Inspect rims for damage.



DRIVE CHAIN

IT IS IMPERATIVE THAT YOU ADJUST THE CHAIN BEFORE EACH RIDE. FAILURE TO MAINTAIN PROPER CHAIN ADJUSTMENT MAY RESULT IN ENGINE DAMAGE. Put the genuine braap spray CHAIN LUBE on the chain.

CABLES

Thoroughly inspect cable and housings. Replace or tighten as needed.

NUTS & BOLTS

Utilize appropriate wrenches to make sure all nuts and bolts are secure. You must check all nuts and bolts pre and post ride. Tighten as needed. Locktite bolts if they have been removed for maintenance (check with your braap store if you are unsure if a bolt should have locktite).

Once on your motorcycle it is imperative that you inspect the following items prior to riding. If you discover any problems, do not ride the motorcycle. Take to an authorized braap dealer immediately for inspection and repair.

THROTTLE

Check the freeplay and adjust if necessary. Twist the throttle to make sure it moves smoothly without sticking, and snaps back quickly when it is released.

BRAKES

Apply both the front and rear brakes to ensure performance. Adjust as needed.

SHOCKS

Squeeze the front brake lever and press down on the front end, compressing the front fork. Repeat to ensure the front fork is operating smoothly.



2. GENERAL INFORMATION

STARTING THE ENGINE

Please adhere to the following guidelines when starting your machine.

STARTING THE MOTORCYCLE

1. Always use the technique shown by your braaap store on starting your motorcycle (See page 2).
2. Shift the transmission into neutral so that the motorcycle rolls freely.
3. Turn the fuel tap lever to the ON position.
4. If the engine is cold, pull up the CHOKE lever to engage the choke.
5. Kick the engine over, leaving the throttle closed. Kick from the top of the stroke through to the bottom with a quick movement (as the motorcycle will start in any gear - remember to squeeze the clutch when kicking the bike over if it is in gear). THIS IS NOT A BIG BIKE SO THERE IS NO NEED TO USE EXCESSIVE FORCE TO KICK IT

OVER. Kick over as instructed by your braaap store or dealer.

6. Once the engine is warm, push the choke lever down back into the closed position.
7. If the engine is warm or on a hot day, do not use the choke knob. Twist the throttle while kicking the motorcycle over.

PLEASE NOTE:

Over-use of choke may harm engine and cylinder.



STARTING AND STOPPING YOUR MOTORCYCLE

SETTING OFF

Make sure that the side stand is in the upright position.

Pull in clutch lever with your left hand.

Shift into first gear with your left foot.

Release clutch slowly and twist throttle to move machine.

SHIFTING GEARS

Squeeze clutch with your left hand.

Release throttle with right hand.

Release the clutch slowly, twist throttle slowly to move machine forward.

STOPPING YOUR MOTORCYCLE

For effective braking, apply both brakes simultaneously and release pressure on the throttle.

Make sure you pull in the clutch lever with your left hand before coming to a complete stop. Shift into lower gears to aid in breaking by utilizing engine compression to assist with a reduction in speed. As you approach a corner, make every effort to apply brakes and reduce your braap to reaching the corner, applying the brakes while in the corner may be unsafe and you could have an accident. If you are riding your motorcycle on loose dirt or in wet conditions, use extra caution when reducing speeds as your traction may be impaired by these conditions.

STOPPING THE ENGINE

To stop the engine, shift into neutral, push the engine stop switch with your left thumb.

PARKING

Lower the side stand with your left foot.

If you have finished riding for the day then turn the fuel tap to the OFF position.



2. GENERAL INFORMATION

TRANSPORTING YOUR MOTORCYCLE

For safe transportation of your new motorcycle, please adhere to the following guidelines:

1. Use an approved motorcycle loading ramp.
2. Ensure that the motorcycle engine is not running, the key is off and the fuel tap is OFF. Always use approved motorcycle tie-down straps. Do not use standard rope as rope can loosen and cause the motorcycle to shift or even fall out of the truck or trailer. This could cause an accident.
3. Make sure that the motorcycle is secure by bracing the front wheel against the front of the truck bed or trailer wall. Attach the lower ends of the two straps to the tie-down hooks on your vehicle. Attach the upper ends of the straps to the each side of the handlebar.
4. Tighten both straps equally until the front suspension is pushed down half-way.

5. Ensure that the rear end of motorcycle is secure with a tie-down strap.

MOTORCYCLE STORAGE

STORAGE PROCEDURES

When you are planning to store your motorcycle for a minimum of one month please adhere to the following guidelines:

1. Thoroughly clean the motorcycle.
2. Lubricate the drive chain as well as the cable systems.
3. Start motorcycle and run for approximately five minutes. Turn off engine and drain engine oil.
4. Refill engine oil with new oil 900 ml with the oil.
5. If you have lifetime warranty, remember that to keep your warranty you need to get your bike services every 3 months even if bike has been idle.



**WARNING: ENGINE OIL IS A TOXIC SUBSTANCE.
CONTACT YOUR LOCAL AUTHORITIES REGARDING
LEGAL ENGINE OIL DISPOSAL OPTIONS IN YOUR
AREA.**

6. Empty the fuel tank along with the carburetor float bowl. This prevents the fuel from deteriorating.
7. Drain the fuel from the carburetor into an approved petrol container (check with local authorities regarding used fuel disposal).
8. Remove the spark plug. Spray fogging oil into the cylinder and kick the engine over a few times so that the cylinder gets coated. Re-install the spark plug.
9. Place the motorcycle on a work stand or on a box so that the tires do not touch the floor. If you do not have a means by which to prop up the motorcycle then place wooden boards beneath the tires.
10. In order to prevent moisture entering the exhaust system, place a plastic bag over the tailpipe.
11. Finally, cover the motorcycle to keep dust and grime away from it. Use a cotton bed sheet, not plastic. Plastic will prevent air from circulating beneath the cover and enable dirt to accumulate as well.



2. GENERAL INFORMATION

WARNING: PETROL/GASOLINE IS HIGHLY FLAMMABLE AND EXPLOSIVE. YOU CAN BE BURNED OR SERIOUSLY INJURED WHEN HANDLING FUEL. NEVER SMOKE ANY TOBACCO PRODUCTS WHEN NEAR YOUR MOTORCYCLE. MAKE SURE THAT YOU ONLY OPERATE YOUR MOTORCYCLE IN A WELL VENTILATED AREA. SECURE GAS CAP TIGHTLY AFTER REFUELING AND IF YOU SPILL ANY GASOLINE, WIPE IT UP IMMEDIATELY. CONTACT YOUR LOCAL AUTHORITIES REGARDING LEGAL FUEL DISPOSAL OPTIONS IN YOUR AREA.

REMOVING YOUR MOTORCYCLE FROM STORAGE

After your motorcycle has been stored for any length of time it is imperative to follow these guidelines to ensure proper re-activation into working condition:

1. Remove the cover. Clean your motorcycle.
Depending on storage condition! You may be able to wipe down the motorcycle with a damp cloth to remove the dust.
2. Change the engine oil.
3. Fill fuel tank.
4. Lubricate the drive chain.
5. Perform a test ride at low speeds to ensure all components are functioning properly.

3. MAINTENANCE AND SERVICE INFORMATION



This section addresses the key topics to help ensure that you can carry out basic maintenance on your motorcycle. Proper maintenance will prolong the life of your motorcycle and help keep it in good working condition. While some of the advanced servicing and repairs must be performed by a qualified technician at an authorized braaap dealer, you can tackle the basics and keep your machine in top working order.

It is imperative that you perform the recommended service items according to the Maintenance Schedule. This will prevent major repairs due to neglect. Keeping accurate records is also important, so that you can keep track of your maintenance work in order to avoid omitting anything.

In addition to the maintenance guidelines, this section also provides adjustment procedures. You will be able to perform these adjustments to ensure safe operation of your motorcycle. Above all you will become well-versed in the functionality of your machine.



3. MAINTENANCE AND SERVICE INFORMATION

BREAK-IN PERIOD

BREAKING IN YOUR MOTORCYCLE

The first hour of operation on your new motorcycle is designated as its “break-in period”

Make sure you warm up the engine for a few minutes prior to operation.

During this time do not accelerate in a rapid manner.

After one hour of easy riding your new motorcycle will be ready for regular operation

WARNING

Failure to properly break in your motorcycle may affect the engine and significantly reduce its lifespan.

1. PRE START CHECKS

- Check Oil Level on dip stick
- Check all bolts tension and chain tension
- Check air filter is oiled

2. RIDE FOR 30MINS — 1 HOUR (CHECK HOUR METER)

- Ride your braapster for a short time, ride in the mid range and don't rev it to the limiter. A smooth run in will prolong the life of your braap.

3. INITIAL RUN IN OIL CHANGE

- It's time to change your running in oil, your braap comes with very thin running in oil to make sure you get the most out of your new motor, this needs to be changed after 1 hour. You should have oil that came with your spares kit that you can use for this, it's also important to check your bolts, spokes, air filter and chain at this point. There are guides on www.braapuniversity.com or you can get your local braap store to do it for you.

3. MAINTENANCE AND SERVICE INFORMATION



Performing routine maintenance, service and adjustments is essential to safe motorcycle riding. Please follow the guidelines outlined in this manual for procedures that will enhance your motorcycle experience and make your motorcycle perform better, thereby reducing the risk of maintenance-related accidents.

Please allocate the necessary time for maintenance - your safety is at stake! Don't take shortcuts on maintaining your machine, as the results may cause you injury or even death.

WARNING: PROPER MAINTENANCE IS IMPERATIVE ON THIS MOTORCYCLE. FAILURE TO PERFORM ROUTINE MAINTENANCE ITEMS AS OUTLINED IN THIS MANUAL CAN RESULT IN SERIOUS INJURY OR EVEN DEATH.



3. MAINTENANCE AND SERVICE INFORMATION

PRE-MAINTENANCE SAFETY MEASURES:

- Do not attempt to carry out any maintenance tasks while the motorcycle engine is running.
 - Do not start the motorcycle indoors. Ensure proper ventilation to avoid carbon monoxide inhalation.
 - Do not perform any maintenance efforts on your motorcycle while the engine is hot or warm. Allow it to completely cool before carrying out any maintenance tasks.
 - Unless instructed otherwise by this manual, do not perform any maintenance while the motorcycle is running, as your hands or clothing may get caught up in the moving parts.
 - Use a level work area. Do not perform the required maintenance on a slope, as this could result in a serious accident. Injury or death could result.
 - Please ensure that when cleaning parts you use a cleaner such as kerosene to avoid highly flammable cleaning agents.
- braaap has designed a comprehensive maintenance schedule to assist you with keeping your motorcycle running in top shape. Our expert technicians have designed a maintenance program that will keep your machine in good working condition and help you avoid major repairs that were preventable. You must, however, be committed to following the plan or breakdowns may occur. Improper maintenance may result in accidents that could lead to severe injury or even death.
 - If you have adequate mechanical skills you can carry out the routine maintenance yourself. If you are not mechanically inclined it is best to transport your motorcycle to the nearest braaap dealer so that they can perform the required servicing. They are experts in motorcycle repair - if you are unsure what to do - take your machine to them.

3. MAINTENANCE AND SERVICE INFORMATION



FIRST 15 HOURS OF USE MAINTENANCE SCHEDULE:

FREQUENCY	INITIAL	EVERY	MAINTENANCE INTERVAL	
ITEM	1 HOUR	RIDE	4-6 HOURS	15 HOURS
Change Engine Oil	R	IN	D	R
Brake Pads/ Rotors	IN		D	IN
Drive Chain Adjustment / Wear	IN	IN	D	IN
Front Fork	IN		D	
Nuts, Bolts and Fasteners	IN	IN	D	IN
Overall Lubrication	IN	IN	D	IN
Rear Shock	IN		D	
Rear Sprocket	IN	IN	D	IN
Side Stand	IN		D	
Steering Head Bearings	IN		D	
Swing-arm bearings	IN		D	
Tires, Rims and Spokes	IN	IN	D	IN

KEY

D = Recommend having authorized braap Dealer perform this operation.

IN= Perform inspection, adjust, replace, lubricate anchor re-torque as needed.

R= Replace item with new.



3. MAINTENANCE AND SERVICE INFORMATION

SPECIFICATIONS

DIMENSIONS

Overall length 64.96 in (1650 mm)

Overall width 29.53 in (750 mm)

Overall height 42.52 in (1080 mm)

Wheelbase 45.28 in (1150 mm)

VALVE SPECS

Intake 0.004 tho

Exhaust 0.004 tho

FUEL & LUBRICANTS

Fuel tank capacity

0.80 US gal (3.0 Liters) including reserve

Fuel tank reserve

0.26 US gal (1.0 Liter)

Fuel recommendation

Unleaded petrol, pump octane number of 87 or higher

Air cleaner oil

Foam filter oil or an equivalent FOAM FILTER OIL

Engine oil capacity

900 ML

WEIGHT

Dry weight

137 lbs (62 kg)

FUEL & LUBRICANTS

Engine Oil Recommendation

braaap - 10W40 or equiv.

Drive chain Lubricant

Chain LUBE

CAPACITIES

Passenger Capacity

Operator only; No Passenger

Maximum Weight Capacity

120 kg (50cc - 70 kg)

3. MAINTENANCE AND SERVICE INFORMATION



Baggage capacity
None

CARB & PLUG

Main Jet
100

Pilot Jet
15

Air Screw
1.5 out 4cm2

Needle
2nd position

NGK
CR7HSA



3. MAINTENANCE AND SERVICE INFORMATION

TORQUE TABLE

NO.	DESCRIPTION	UNIT (N.M)			
1	Front Axle Bolt	47	13	Foot peg Engine Mount Bolt	24
2	Front Pinch Bolts	20	14	Side Stand	35
3	Swing arm Pivot Bolt	40	15	Front Brake Caliper	24
4	Rear Axle Bolt	54	16	Front Brake Reservoir	13
5	Motor Mount Bolt	35	17	Lock Nut for Steering Stem	54
6	Top Triple Clamp (front fork/top)	27	18	Lower Triple Clamp Bolt (front fork/bottom)	20
7	Rear Shock Nut	29	19	Lower Handle Bar Clamp	35
8	Handle Bar Clamp	24	20	Oil Drain Bolt	24
9	Muffler	29			
10	Bolts on Discs (front/rear brakes)	35			
11	Sprocket	32			
12	Chain Guard	20			

CAUTION: DO NOT OVER-TIGHTEN BOLTS AS STRIPPING OF THE THREAD MAY OCCUR.



THROTTLE GRIP/FREEPLAY

THROTTLE FREEPLAY ADJUSTMENT

Your motorcycle's throttle controls the throttle valve. This facilitates the speed at which the motorcycle travels. It is imperative that this part of the motorcycle remain in good working condition. Excessive cable play will hinder the responsiveness of the throttle. Conversely, if there is no throttle play, the machine will be jumpy and quite unpredictable when the throttle is twisted.

(A) Dust cover

(B) Locknut

(C) Adjuster



THROTTLE FREEPLAY ADJUSTMENT PROCEDURE

1. Slide dust cover (A) over upper end of throttle cable.
2. Loosen the locknut (B) on upper end of throttle cable system and turn adjuster (C) until you reach the specific amount of play is reached.

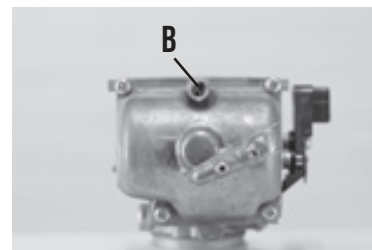
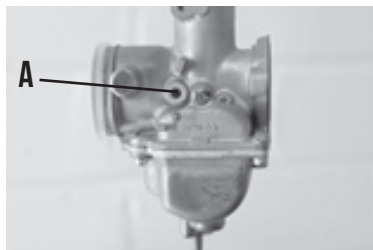
3. Re-tighten locknut.
4. Pull dustcover down over upper end of throttle cable.
5. If you encounter a problem adjusting the freeplay from the top then pull the rubber boot off the top of the carburetor and make the adjustment at the lower end of cable. Tighten the locknut and pull the rubber boot back into place.
6. Ensure that the throttle cable and housing is not frayed and is in good working order. Turn the handlebars in all positions while twisting the throttle. It should move smoothly.
7. Then, with the motor idling, turn the handlebars back and forth. The idling speed should not be affected. If this is not the case then you have a problem with the cable system. Take to your authorized braaap dealer for service.
8. Replacement throttle & cables can be purchased from braaap Online <http://shop.braaap.com.au/>



3. MAINTENANCE AND SERVICE INFORMATION

CARBURETOR ADJUSTMENTS

Image Left Side



PROPER IDLE ADJUSTMENT PROCEDURE:

1. Turn the air screw (B) fully in (clockwise), then turn back out two full turns, thereby setting the lowest mixture.
2. Start the engine and warm up for 10 minutes. Do not conduct this maintenance indoors.
3. Adjust idling speed to a slow idle (900rpm) by turning the idling adjusting screw out (counterclockwise).
4. Twist the throttle several times to ensure proper

adjustment and that the idling speed remains constant.

5. Then - with the motorcycle idling - turn the handlebars back and forth. The idling speed should not change. If the idling speed changes you may have a problem with the throttle cable or throttle. Take to your authorized BRAAAP dealer for servicing.

You can also view our Online video on how to clean your air filter at - <http://www.braaapuniversity.com/> under member training



ENGINE OIL

The major elements of your motorcycle's engine, the transmission and clutch system, require oil to function at optimal levels. You must change the oil and oil filter in accordance with the Maintenance Schedule or your engine will become damaged. Adherence to the required maintenance schedule will prolong the life of your motor and reduce wear and tear.

Recommended Oil: braaap

Type: Semi to fully synthetic

Viscosity: 10W-40

Capacity: 900 ml

*Change the engine oil every five hours of ride time.



THE MAINTENANCE SCHEDULE. UTILIZING DIRTY OR CONTAMINATED OIL MAY RESULT IN ENGINE OR TRANSMISSION SEIZURE. THIS MAY LEAD TO AN ACCIDENT THAT COULD CAUSE SERIOUS INJURY OR DEATH.

WARNING

THE SAFE OPERATION OF YOUR MOTORCYCLE WILL BE IMPAIRED IF PROPER ENGINE OIL MAINTENANCE IS NOT CARRIED OUT ACCORDING TO



3. MAINTENANCE AND SERVICE INFORMATION

ENGINE OIL

OIL LEVEL INSPECTION

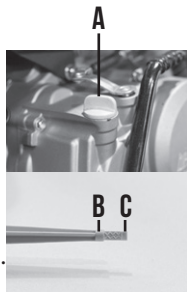
(A) Oil filler cap with dipstick

(B) Upper oil boundary mark

(C) Lower oil boundary mark

Oil Maintenance Procedure:

1. Place motorcycle on flat work area.
2. Wipe down the oil filler cap/dipstick (A) and surrounding engine area.
3. Start the engine and let it idle for a few minutes. Stop the engine. Wait a few minutes until the oil settles.
4. Unscrew and remove the oil filler cap/dipstick, then thoroughly wipe it down with a rag.
5. Tilt the motorcycle into an upright position.



6. Re-insert fully the dipstick until it seats, but do not screw it in.
7. Then remove the dipstick and inspect the oil level. If the oil is at or near the upper oil boundary mark (B), do not add oil. But if the oil is below or near the lower oil boundary mark (C), add the recommended oil until it reaches the upper oil boundary mark. Be sure not to put in so much oil that it surpasses the upper oil boundary mark.
8. Re-insert the dipstick and secure tightly.



ENGINE OIL

CHANGING ENGINE OIL

(A) oil drain bolt

(B) sealing washer

Proper Engine Oil
Changing Procedure:



1. Warm up engine thoroughly, and then let sit for three minutes so engine oil can settle.
2. Place motorcycle on flat work area.
3. Place oil drainage pan beneath the motorcycle.
4. Remove the engine oil drain bolt (A) and allow the oil to drain. Tilt the motorcycle from side to side to ensure complete drainage.
5. Place new sealing washer (B) on oil drain bolt and tighten to specified torque: 18 BF.FT

6. Pour in new engine oil. The required amount is approx: 900ml
8. Re-install the oil filler cap/ dipstick.
9. Start engine and let run for five minutes, then stop engine and let sit for three minutes.
10. Re-check oil level and add if necessary.
11. Inspect all affected areas for leakages.
12. You can also view our Online video on how to change your oil at - <http://www.braapuniversity.com/> under member training

WARNING

MOTORCYCLE ENGINE OIL IS TOXIC AND MUST BE DISPOSED OF PROPERLY. CONTACT YOUR LOCAL REFUSE AUTHORITIES TO DETERMINE LEGAL DISPOSAL OPTIONS. DO NOT PLACE USED ENGINE OIL IN YOUR TRASH OR GARBAGE RECEPTACLE.



3. MAINTENANCE AND SERVICE INFORMATION

ENGINE OIL

API Classification

Viscosity (weight)

Suggested oil

SF SGSJJASO MA 2

SAE10W/40

braaap Genuine Oil

ADDITIONAL ENGINE OIL TIPS

Make sure to use only engine oils that have been recommended by braaap. Do not use the following engine oils in your motorcycle:

Non-detergent, vegetable or castor-based racing oil.
Do not use any oil additives.

FUEL

The specific fuel for your motorcycle can be found below under the “Fuel Requirement” section. The fuel tank has a capacity of 2 litres in the main tank and 1 litre on the Reserve switch. It is not recommended that you use a lower octane (below 87), as engine knocking may occur. It is also highly recommended that you use unleaded gasoline, as it is a cleaner burning fuel than leaded versions.

In addition, do not use oil/ gasoline mixtures.

FUEL REQUIREMENTS

It is imperative that your motorcycle only receives clean, unleaded petrol with a minimum Pump Octane Number of 87 or higher. This number represents the fuel's resistance to detonation, which is commonly known as knocking. Don't use petrol that is less than Octane 87 or your machine will knock and have no power.

OXYGENATED FUELS

The alcohol blends listed below are commonly used instead of standard gasoline. Please check with your authorized dealer prior to using anything other than standard gasoline.

- Ethanol
- MTBE
- Methanol

3. MAINTENANCE AND SERVICE INFORMATION



PROCEDURE

Fuel Tank Capacity, including reserve: 3 liters Reserve Capacity: 1 liter



(A) Fuel cap

(B) Breather tube

REFUELING PROCEDURE

1. Turn the fuel cap (A) counter clockwise to open. Make sure the breather tube (B) is removed from front end.
2. Add fuel until the level reaches the top of the fuel tank. Do not over fill the tank.
3. After refueling, turn the fuel fill cap clockwise until it is secure and wipe down fuel tank as needed.

WARNING

PETROL IS HIGHLY FLAMMABLE AND EXPLOSIVE. YOU CAN BE BURNED OR SERIOUSLY INJURED WHEN HANDLING FUEL.

NEVER SMOKE ANY VERSION OF TOBACCO PRODUCTS WHEN NEAR YOUR MOTORCYCLE. MAKE SURE THAT YOU ONLY OPERATE YOUR MOTORCYCLE IN A WELL VENTILATED AREA. SECURE GAS CAP TIGHTLY AFTER REFUELING AND IF YOU SPILL ANY GASOLINE/ WIPE IT UP IMMEDIATELY.



3. MAINTENANCE AND SERVICE INFORMATION

MODULAR SEAT SYSTEM REMOVAL

Your braaap bike comes standard with a simple Modular Seat System, to make maintenance easy. This System includes the machine's seat, shrouds, rear number plates and rear fender - all in one simple piece!



- (A) Screws
- (B) Front bolts
- (C) Rear bolts

REMOVAL

1. Remove the two screws (A).
2. Remove the front bolts (B).
3. Remove the rear bolts (C) beneath the saddle.
4. Slide entire system off.

INSTALLATION

1. Place Modular Saddle System back on motorcycle

using a scooping motion towards the gas tank, clipping the seat bracket to the frame. Then line up screws and bolts.

2. Reverse removal procedure and ensure all screws and bolts are secure.

Replacement seat and plastics can be purchased online <https://www.braaapmotorcycles.com/collections/parts>

Part Numbers:

- BP12-091 – braaap plastic bolt kit
- BP12-005 – braaap standard seat assy.
- BPPLASTICKIT – braaap plastics all colours

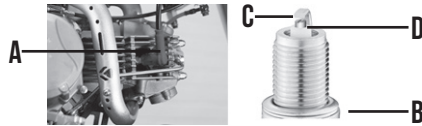
WARNING

TIGHTEN AND SECURE ALL SCREWS AND BOLTS ON THE MODULAR SADDLE SYSTEM. FAILURE TO INSTALL THIS SYSTEM PROPERLY MAY RESULT IN AN ACCIDENT. INJURY OR DEATH MAY OCCUR.



SPARK PLUG

Spark plug maintenance should be conducted according to the Master Maintenance Schedule. Once you have removed the spark plug (instructions below), examine it for carbon or oily residue. Use a wire brush and kerosene to scrub it thoroughly. If the visual inspection reveals corroded electrodes or any cracks, replace the spark plug immediately.



- (A) spark plug cap
- (B) spark-plug
- (C) gap
- (D) center electrode

GENERAL MAINTENANCE

1. Remove the spark plug cap (A).
2. Place spark plug wrench on spark plug (B).

3. First loosen then remove the spark plug.
4. Inspect the spark plug electrode (D) for wear. There should be no chips or cracking whatsoever.
5. In addition, check the gap (C) using a wire-type feeler gauge. The proper gap should be: 0.60 - 0.80mm (0.023 -0.031 in)
6. When re-installing the spark plug place it in the socket and tighten to specification.
7. Connect the spark plug cap.

You can also view our online video on how to service your spark-plug at <http://www.braaapuniversity.com/> under member training

WARNING

DO NOT TRY TO REMOVE THE SPARK PLUG WHILE THE ENGINE IS RUNNING. LET THE ENGINE COMPLETELY COOL BEFORE REMOVING THE SPARK PLUG OR SERIOUS INJURY AND BURNS MAY OCCUR.



3. MAINTENANCE AND SERVICE INFORMATION

AIR CLEANER

A dirty or clogged air cleaner causes a huge amount of problems including poor air intake, low engine power, increased fuel consumption and an increased incidence of fouled spark plugs.



(A) Clamp screw

To clean and service the air cleaner please adhere to the following guidelines after each ride:

1. Remove the housing cover by unfastening the clamp screw (A).
2. Remove air cleaner.
3. Thoroughly wash with air cleaner spray. Remove excess liquid and leave to dry for 24 hours before re-installing.
4. Visually examine the air cleaner. If damaged replace with new air cleaner.

5. Once dry, apply a thin layer of approved air cleaner oil and remove the excess oil (do not over-oil as it will cause poor air intake.)
6. Re-install the air cleaner by fastening the attaching clamp screw.

Replacement air filters and clamps can be purchased online at <https://www.braaapmotorcycles.com/collections/parts>

Part Numbers:

BP08-002 – 35mm air filter

BP08-001 – 38mm air filter

BP08-003 – 42mm air filter

BP08-008 – Factory Pilot 2013 air filter

BP08-005 – Pro 50cc 2013 air filter

BP08-007 – Hose clamp

You can also view our online video on how to clean your air filter at - <http://www.braaapuniversity.com/> under member training



CLUTCH SYSTEM

When shifting gears the clutch should engage easily and provide smooth shifting from gear to gear.

There should not be any “slipping” during the shifting process.



(A) clutch lever

(B) locknut

(C) Adjuster

Replacement clutch levers and cables can be purchased online at <http://shop.braaap.com.au>

Part Numbers:

BP01-013 – Standard clutch lever

BP01-011 – Lever with perch

BP01-035 – Standard clutch cable

CLUTCH ADJUSTMENT

1. Check the clutch lever for freeplay. If it is beyond 0.20 inch (5mm) then adjustment is necessary.
2. Loosen the locknut (B).
3. Turn the adjuster (Q) until the freeplay fits within the specified range.
4. Tighten locknut (B).



3. MAINTENANCE AND SERVICE INFORMATION

SPARK ARRESTER

The spark arrester prevents sparks from exiting the exhaust system which could harm the environment.

Spark Arrester
and Muffler
Assembly



**INSTALLED ON THE MOTORCYCLE. IT COULD EASILY
IGNITE/ WHICH COULD LEAD TO INJURY/ SEVERE
BURNS OR EVEN DEATH.**

WARNING

**ANY TIME YOU WORK ON THE EXHAUST SYSTEM
PLEASE MAKE SURE THAT THE ENGINE IS COLD OR
YOU MAY RISK SEVERE BURNS. ONCE THE ENGINE
IS STARTED IT HEATS RAPIDLY. PROCEED WITH
CAUTION WHEN SERVICING THE EXHAUST SYSTEM.**

WARNING

**DO NOT UNDER ANY CIRCUMSTANCES START THE
ENGINE WITHOUT THE SPARK ARRESTER PROPERLY**



SUSPENSION

FRONT SUSPENSION INSPECTION

Your motorcycle's front and rear suspension proper functioning is integral to maintaining a safe vehicle. If your visual inspection indicates that some suspension parts may be worn or damaged, have your local braap dealer evaluate your motorcycle to determine if replacement parts are necessary.



(A) Mounting bolts

FRONT SUSPENSION INSPECTION

1. Pull the front brake in and hold it. Move the front end up and down to activate the fork. It should be smooth and the rebound should be swift.
2. Visually inspect all mounting nuts and bolts. If you notice anything that seems damaged have your authorized braap dealer examine further to determine next steps.



3. MAINTENANCE AND SERVICE INFORMATION

REAR SUSPENSION INSPECTION



(A) Swing-arm bearing

(B) Shock absorber attachment points

1. After placing your motorcycle on a maintenance stand, push hard against the side of the rear wheel and feel for any freeplay, indicating worn swing-arm bearings.
2. Make sure the bolts that secure the shock absorber are fastened correctly.
3. If you suspect any problems such as leaks or damage, have your authorized braaap dealer examine your motorcycle.

WARNING

DO NOT DISASSEMBLE THE REAR SHOCK ABSORBER AS IT CONTAINS FLAMMABLE, HIGH-PRESSURE GAS. KEEP THE SHOCK CLEAR OF FLAMES AND EXTREME HEAT.



BRAKES

Your braaap motorcycle is equipped with state-of-the-art disc brakes both front and rear. The only procedure that you will need to execute is bleeding and replacing the pads. Proper maintenance (according to Maintenance Schedule) will ensure safe conditions for your brakes by following these guidelines:

BRAKE BLEEDING (FRONT AND REAR)

For any intervention on the brakes of your motorcycle, consult your retailer braaap.

- (A) caliper bleed screw
- (B) brake fluid reservoir
- (C) brake fluid hose



You can also view our online video on how to bleed

your brakes at - <http://www.braaapuniversity.com/>
under member training

WARNING

MAINTAINING PROPER BRAKE ADJUSTMENT IS CRUCIAL FOR SAFE OPERATION OF YOUR MOTORCYCLE. A DANGEROUS LOSS OF BRAKING PERFORMANCE MAY OCCUR IF THE BRAKE SYSTEM IS NOT PROPERLY BLED. IMPROPER ADJUSTMENT MAY RESULT IN BRAKE ASSEMBLY DAMAGE AND CAUSE AN ACCIDENT. AN ACCIDENT MAY CAUSE SERIOUS INJURY OR DEATH.



3. MAINTENANCE AND SERVICE INFORMATION

FRONT BRAKE PAD REPLACEMENT

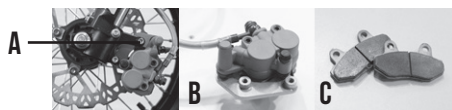
To change the front disc brake pads on your motorcycle please adhere to the following guidelines:

LEFT SIDE

(A) Brake caliper-mounting bolts

(B) Caliper assembly

(C) Brake pad



1. Remove caliper bolts from front fork (A).
2. Pop off large brake pad (C).
3. Place new large brake pad on inner side of caliper
4. Place caliper assembly back into proper position on fork and tighten caliper bolts and begin brakes.

Replacement front brake pads can be purchased online at <http://shop.braaap.com.au>

Part Numbers:

BP05-028 – standard front brake pads

You can also view our online video on how to change your brake pads at - <http://www.braaapuniversity.com/> under member training



REAR BRAKE PAD REPLACEMENT

To change the rear disc brake pads on your motorcycle please adhere to the following guidelines:



(A) Caliper bolts (two)

(B) Caliper assembly

(C) Brake pad

REAR BRAKE PAD REPLACEMENT PROCEDURE:

1. Remove rear wheel.
2. Remove both caliper bolts (A).
3. Remove caliper assembly (B).
4. Pop off brake pad
5. Place small brake pad on piston.

6. Place large brake pad on inner side of caliper.
7. Place caliper assembly back into proper position on fork and tighten caliper bolts.
8. Replace caliper bolt dust caps and begin brakes.

Replacement rear brake pads can be purchased online at <http://shop.braaap.com.au>

Part Numbers:

BP06-009 – standard rear brake pads

You can also view our online video on how to change your brake pads at - <http://www.braaapuniversity.com/> under member training



3. MAINTENANCE AND SERVICE INFORMATION

TIRES & TUBES

Your tires are an essential factor in your motorcycle's safety. They must be properly inflated and free from excessive tread wear, ensuring adequate traction and longevity.

AIR PRESSURE AND INSPECTION ITEMS

Correct tire pressure is the single most important item that you must ensure on your tires. By ensuring proper air pressure, your tires will be far less prone to damage from rocks and other obstacles that are encountered during off-road riding.

It is imperative that the tire pressure is measured when the tires are "cold." Failure to do so will result in inaccurate tire pressure readings.

RECOMMENDED TIRE PRESSURE

Front 18 psi 2 Bar (KG)

Rear 22 psi 2 Bar (KG)

In addition, be sure to examine the tire tread depth. The tire should be replaced when the tread depth at

the center reaches 0.12 inches or when you notice less than favorable traction. Another important inspection element is the valve stems. Contact your authorized braap dealer if you discover a tilted valve stem. This could cause a blowout which could lead to an accident.

Examine your tires prior to each ride and look for cracks, rocks and other embedded objects. Remove these objects before riding.

WARNING

MAINTAINING PROPER BRAKE ADJUSTMENT IS CRUCIAL TO SAFE OPERATION OF YOUR MOTORCYCLE. IMPROPER ADJUSTMENT MAY RESULT IN BRAKE ASSEMBLY DAMAGE AND CAUSE AN ACCIDENT. AN ACCIDENT MAY CAUSE SERIOUS INJURY OR DEATH.



TUBE REPLACEMENT

We strongly recommend taking your motorcycle to an authorized braaap motorcycle dealer if you discover a punctured tube. It requires a skilled technician to replace a tube.

TIRE REPLACEMENT

When your tires have worn out or become damaged, it's time to change them for new ones. Please make sure to use approved tires for your braaap motorcycle only.

Front: 60/100/14

Rear: 80/100/12

It is also recommended that you use a new tube whenever you install a new tire.

Replacement tubes can be purchased online at <http://shop.braaap.com.au>

Part Numbers:

BP18-001 - 10" heavy duty tube

BP17-002 - 12" heavy duty tube front

BP08-002 - 12" heavy duty tube rear

BP17-003 - 14" heavy duty tube front

WARNING

UTILIZING THE PROPER TIRES ON YOUR MOTORCYCLE IS IMPERATIVE FOR SAFETY PURPOSES. PLACING NON-RECOMMENDED TIRES ON YOUR MOTORCYCLE MAY CAUSE AN ACCIDENT THAT MAY IN TURN CAUSE SERIOUS INJURY OR DEATH. USE THIS OWNER'S MANUAL AS A GUIDELINE FOR PROPER TIRE SELECTION.



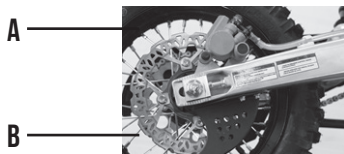
3. MAINTENANCE AND SERVICE INFORMATION

WHEELS

Proper wheel maintenance ensures a safer motorcycle, as the wheels provide the stability mid in direct contact with the ground. Your new motorcycle's wheels will "seat" during the initial riding period, which lasts approximately 50 miles depending on the terrain. It is imperative to check your wheels and inspect them for loose spokes.

Uneven or loose spokes are likely to cause the rim to warp and lead to nipple failure. Ultimately the spokes will break or wiggle and the wheel will become unstable, which may lead to an accident.

RIMS AND SPOKES



(A) Rim

(B) spoke

Replacement wheels and spoke tools can be purchased online at <http://shop.braaap.com.au>

Part Numbers:

BP18-111 - Standard rear wheel 12"

BP18-100 - Standard rear wheel 10"

BP48-002 - Spoke tool

WHEEL TRUING EXAMINATION

1. Tighten any loose spokes.
2. If you determine that the wheel does not roll smoothly and is out of "true/" then contact your authorized braaap dealer for service.

You can also view our online video on how to adjust your spokes at - <http://www.braaapuniversity.com/> under member training

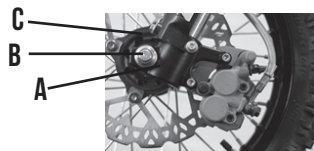


FRONT WHEEL REMOVAL

It is strongly recommended that you do not remove the wheels from your motorcycle. It is recommended that if you determine a problem with one of the wheels that you contact an authorized braaap dealer for service.

If, however, you are an experienced motorcycle mechanic, you may use the following guidelines to remove the wheels:

FRONT WHEEL



(A) front axle nut

(B) front axle

(C) pinch bolts

FRONT WHEEL REMOVAL

1. Place the motorcycle on a maintenance stand
2. Remove front axle nut (A).
3. Loosen pinch bolts on right side (C).
4. Remove axle (B).
5. Remove the wheel.

FRONT WHEEL INSTALLATION

1. Follow the removal procedure in reverse order.
2. Torque the axle to: 35 lbf-ft. and ensure that the wheel spins smoothly. Torque the pinch bolts to 15 lbf-ft.
3. Check front brake adjustment.

Replacement wheels and spoke tools can be purchased online at <http://shop.braaap.com.au>

Part Numbers:

BP17-060 - Standard front wheel 14"

BP17-054 - Standard front wheel 12"

BP48-002 - Spoke tool



3. MAINTENANCE AND SERVICE INFORMATION

REAR WHEEL REMOVAL

To remove the rear wheel please follow the steps outlined below:



- (A) Axle
- (B) axle nut
- (C) lock nut
- (D) chain adjuster bolt

REAR WHEEL REMOVAL PROCEDURE

1. Place the motorcycle on a maintenance stand and ensure stability.
2. Remove rear axle nut (B) and axle (A).
3. Slide wheel forward and disengage chain.

4. Remove wheel.

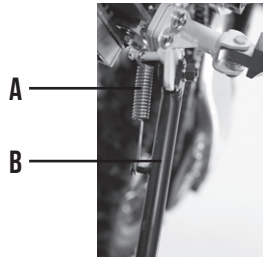
REAR WHEEL INSTALLATION

1. Reverse the above procedure.
2. Torque the axle nut to 40 lbf-ft.
3. Spin the wheel to ensure proper installation.
4. Press rear brake to ensure proper adjustment. Adjust as needed.
5. Ensure proper drive chain adjustment. Adjust as needed.



SIDE STAND

The side stand enables you to keep your motorcycle upright while parked.



(A) Side stands spring

(B) Side stand

1. Check the side stand spring (A) and the tension of spring.
2. Inspect the side stand for proper range of motion.

If you ride in muddy or dry, sandy conditions it is beneficial to clean the pivot area and lubricate the pivot bolt with clean engine oil

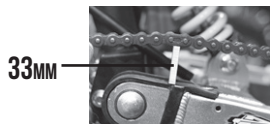


3. MAINTENANCE AND SERVICE INFORMATION

DRIVE CHAIN

DRIVE CHAIN INSPECTION

It is imperative that proper maintenance of your motorcycle's drive train is conducted before and after each ride. This will ensure longer life of your drive train and avoid damage to the sprockets and other parts near the chain.



Drive Chain Requirement:

- KMC420 (110 pieces)

VISUAL INSPECTION

1. Place the motorcycle on its side stand or on a sturdy work-stand.
2. Due to uneven wear you must rotate the rear wheel to identify the position where the chain is tightest.

Then measure the chain slack by pulling the chain up (mid-way between the front sprocket and the rear sprocket).

3. Slack is determined by the vertical movement of the bottom part of the chain. Proper slack is 33mm from bottom of chain to top of swing-arm with tension wheel disengaged. Measure from rear edge of chain slider.

Replacement chains are available online at <http://shop.braaap.com.au>

Part Numbers:

BP10-025 – Standard heavy duty chain 420

WARNING

NEVER SERVICE THE DRIVE TRAIN WHILE THE MOTORCYCLE IS RUNNING. SEVERE INJURY OR DEATH MAY OCCUR. MAKE SURE THAT THE MOTORCYCLE IS OFF WHILE PERFORMING DRIVE CHAIN SERVICE.



DRIVE CHAIN ADJUSTMENT

If the inspection reveals an unacceptable amount of chain slack, then adjustment is necessary to either tighten or loosen the drive chain.

Please adhere to the following guidelines to adjust accordingly:



(A) axle nut

(B) lock nut

(C) chain adjuster bolt

Chain Slack Adjustment

1. Loosen axle nut (A).
2. Loosen lock nut (B) on both sides of motorcycle.
3. Turn the chain adjuster nuts (C) on both sides an

equal number of turns to increase or decrease chain slack.

4. Tighten lock-nuts on both sides of motorcycle.

5. Recheck chain slack

WARNING

A WORN CHAIN CAN LEAD TO AN ACCIDENT BY COMING OFF THE SPROCKETS AND HANGING UP ON MOVING PARTS. SERIOUS INJURY OR DEATH MAY OCCUR.

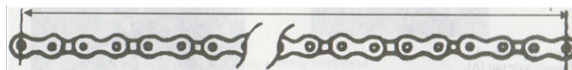


3. MAINTENANCE AND SERVICE INFORMATION

Checking your drive chain and associated parts is essential for proper maintenance. Please review the following information to ensure compliance with the Maintenance Schedule:

1. It is imperative to replace the chain if it stretches by 5% of its original length. The most effective means by which to measure the chain is by examining part of it (20 links).
2. Make sure the chain is tight using the chain adjusters.
3. Then measure 20 links. Take your measurement from the center of the first pin to the center of the 21st pin. If this measurement exceeds the service limit then it's time to replace the chain!

DIAGRAM OF CHAIN ADJUSTMENT



Measure a span of 21 pins

New Chain: 254 mm

Service Limit: 259 mm

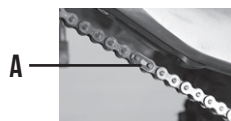
4. Examine the front and rear sprockets as well. If the chain is worn then replace the sprockets as well.
5. Also inspect the roller for wear and replace as needed.
6. Lubricate the chain thoroughly using recommended with CHAIN LUBE (braaap Genuine Chain Lube)

You can also view our online video on how to adjust your chain at www.braaapuniversity.com under the members section



DRIVE CHAIN REMOVAL AND CLEANING

Chain removal and cleaning can be accomplished by utilizing the following guideline



(A) Master link retaining clip

DRIVE CHAIN REMOVAL PROCESS

1. When the drive chain becomes extremely dirty from muddy or sandy conditions, it should be removed and cleaned to prolong life.
2. Remove the master link retaining clip (A) with pliers. Be sure not to damage the clip. Remove the master link retaining clip. Remove the drive chain.
3. Thoroughly clean the chain with kerosene. Then allow it to dry.
4. Visually examine the drive chain to inspect for damage. If damaged, replace.

5. Lubricate the drive chain, including the rollers and bushings.
6. Thread the chain over the sprockets. Then connect the ends of the chain with the master link. For ease of assembly, hold the chain ends against adjacent rear sprocket teeth while inserting the master link. Install the master link retaining clip so that the closed end of the retaining clip will face the direction of forward wheel rotation.



3. MAINTENANCE AND SERVICE INFORMATION

CLEANING

KEEPING YOUR MOTORCYCLE CLEAN

Maintaining your motorcycle's appearance will enhance its longevity, give you a sense of pride and keep your machine looking new. By keeping your motorcycle clean you will be able to detect leaks, cracks and other problems before they become major issues which can lead to accidents.

CLEANING RECOMMENDATIONS

1. Only wash a "cool" motorcycle. If you have been riding, allow it to thoroughly cool before washing.
2. Plug muffler with sponge or rag so that water does not enter.
3. Cover air cleaner with plastic bag. Secure with rubber band to prevent water from coming in contact with the air cleaner. (Do not wash the bike until both the muffler and air cleaner are covered.*)
4. Rinse your motorcycle with cool water from your household hose.

5. Use a mild dish soap** and scrub down motorcycle with a sponge.
6. Use a mild degreaser as needed for built-up dirt and grease.
7. Rinse thoroughly.
8. Use a soft cloth or chamois to dry off your motorcycle.
9. Lubricate the drive chain.
10. Start the engine and keep it running for five minutes.
11. As a precautionary measure, ride at a slow speed and apply the brakes several times. This will dry out the various moving parts and help ensure proper working conditions for the moving parts.

* Water that enters either the carburetor or muffler may cause hydro-lock. Hydro-lock is not covered by the warranty under any circumstances.

** Avoid cleaners that contain harsh detergents or chemical solvents. These cleaners may damage various parts of your motorcycle.

4. TROUBLESHOOTING BASICS



Your ability to determine the cause for some malfunctions is known as “troubleshooting.” It is a good idea to review this section as a refresher prior to riding your motorcycle. It provides common areas that you can investigate to solve some basic, everyday issues.

Once again, the more familiar you are with the motorcycle and its operations, the better equipped you will become to solve problems as they arise. Please continue to review this section frequently so that your abilities will remain keen on these types of issues.



4. TROUBLESHOOTING BASICS

DIFFICULTY STARTING YOUR MOTORCYCLE

One of the most common problems that can occur with your motorcycle is the inability to get it started. This can be from a variety of reasons, including the following:

- Gas tank empty
- Fuel tap in “off” position
- Spark plug loose or faulty
- Engine “flooded”

POOR BRAKING

- Unsatisfactory braking may be caused by the following elements:
- Improper adjustment
- Brakes low on or devoid of fluid
- Brakes have not been “bled” properly
- Worn pads and/or discs

CLUTCH MALFUNCTIONS

Some areas of concern that may lead to poor clutch performance are the following:

- Improper cable adjustment
- Friction plates damaged and/or worn out
- Clutch plates damaged and/or worn out
- Engine oil worn out, dirty or too viscous

5. MISCELLANEOUS INFORMATION



This section concludes the Owner's Manual with various topics that will further help you understand your responsibilities as a new motorcycle owner. It is imperative that you adhere to the guidelines detailed in this manual/ as your safety - as well as the protection of the environment is at stake here.

Please note that it is your responsibility as a motorcycle owner to use the correct fuel products, as outlined in this section. Failure to do so can result in harm to the environment and your motorcycle.



5. MISCELLANEOUS INFORMATION

ENVIRONMENTAL PROTECTION

Please do your part to protect Mother Nature by strictly adhering to the following guidelines:

RIDE ONLY IN APPROVED RIDING AREAS: Ride your motorcycle in areas that have been designated for off-road use. Do not ride on city streets or in wildlife refuge areas. For your safety and the preservation of the environment, please ride in authorized areas only!

USE APPROPRIATE CLEANERS: Only use biodegradable detergents to clean your motorcycle.

LIQUID WASTE DISPOSAL: Please contact your local public works or environmental services to find a recycling center in your area and get instructions on how to dispose of non-recyclable waste. Do not place used engine oil or fuel in your garbage - this is illegal and can be very harmful to the environment.



EMISSION CONTROL INFORMATION - GENERAL

braaap has used two systems on your motorcycle to facilitate compliance with regulations that have been set forth Air Resources Board.

The crankcase emission control systems and exhaust emission control systems are outlined below:

EXHAUST EMISSION CONTROL SYSTEM

The fuel and ignition systems on your motorcycle have been designed to provide lean and efficient fuel burning, thereby reducing pollution into the atmosphere.

CRANKCASE EMISSION CONTROL SYSTEM

The crankcase system on the braaap Motorcycle is closed, preventing crankcase emissions from entering the atmosphere. A closed system draws the vapors into the combustion chamber. The vapors are then burned with the air and fuel supplied by the carburetor.

TAMPERING WITH THE EMISSION CONTROL SYSTEM IS PROHIBITED:

1. The removal or rendering inoperative by any person, other than for the purposes of maintenance, repair or replacement, of any device or element of design incorporated into any new motorcycle for the purpose of emission control prior to its sale or delivery to the ultimate purchaser or while it is in use.
2. The use of the motorcycle after such a device or element of design has been removed or rendered inoperative by any person.

AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE ACTS LISTED BELOW:

Do not tamper with the original emission related parts:

1. Air cleaner element
2. Carburetor and internal parts
3. Magneto ignition system
4. Spark plug



5. MISCELLANEOUS INFORMATION

TAMPERING WITH THE NOISE CONTROL SYSTEM IS PROHIBITED:

1. The removal or rendering inoperative by any person, other than for the purposes of maintenance, repair or replacement, of any device or element of design incorporated into any new vehicle/or the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use.
2. The use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE ACTS LISTED BELOW:

1. Removal of the muffler, baffles, or any other internal or external component of exhaust system.
2. Modification of the muffler baffles or any other internal or external component of exhaust system that may result in increased noise levels.
3. Removal of the air box and/or air box cover.

4. Replacing the original exhaust system or muffler with a component not in compliance with regulations.

VEHICLE IDENTIFICATION NUMBERS

There are two numbers that are important:

1. VIN number (Vehicle Identification Number), which may be found on the front of the frame.
2. Engine number which may be found on the right side of the engine right below the flywheel cover.



OWNER SATISFACTION

As our valued customer, it is important that you enjoy your new braaap bike and obtain satisfaction from the authorized braaap dealer where you purchased it. We are committed to providing top-notch customer service for you and your motorcycle.

Should you have any difficulties or questions regarding your motorcycle, please contact your authorized braaap dealer. The dealer is an expert in all facets of warranty, repair and servicing for your motorcycle. We are confident that the dealer can respond to your requests, large or small.

If for some reason your dealer cannot assist you in a satisfactory manner, we encourage you to contact braaap directly - in writing - to thoroughly document your question/issue. Our customer service team will review all documentation and contact you accordingly.

When writing to braaap regarding an issue with your motorcycle, please include the following information:

- Dealer name, address, phone number and date of purchase of your braaap

- Vehicle identification number
- Specific time-line regarding procedures in question (actions taken by you and your dealer regarding specific matter)
- Whether you purchased lifetime warranty or not.

Please send all written correspondence to:

braaap Head Office

35 Playne Street

Frankston 3199

Tel: 1300 braaap

Email: sales@braaap.com.au



6. MAINTENANCE RECORD KEEPING

OWNER NAME: _____

OWNER ADDRESS: _____

OWNER PHONE NUMBER: _____

MOTORCYCLE VIN NUMBER: _____

MOTORCYCLE ENGINE NUMBER: _____

DEALER NAME: _____

DEALER ADDRESS: _____

DEALER PHONE NUMBER: _____

DEALER CONTACT PERSON: _____

DATE OF PURCHASE: _____



OWNER SATISFACTION

As our valued customer, it is important that you enjoy your new braaap bike and obtain satisfaction from the authorized braaap dealer where you purchased it. We are committed to providing top-notch customer service for you and your motorcycle.

Should you have any difficulties or questions regarding your motorcycle, please contact your authorized braaap dealer. The dealer is an expert in all facets of warranty, repair and servicing for your motorcycle. We are confident that the dealer can respond to your requests, large or small.

If for some reason your dealer cannot assist you in a satisfactory manner, we encourage you to contact braaap directly - in writing - to thoroughly document your question/issue. Our customer service team will review all documentation and contact you accordingly.

When writing to braaap regarding an issue with your motorcycle, please include the following information:

- Dealer name, address, phone number and date of purchase of your braaap

- Vehicle identification number
- Specific time-line regarding procedures in question (actions taken by you and your dealer regarding specific matter)
- Whether you purchased lifetime warranty or not.

Please send all written correspondence to:

braaap Head Office

35 Playne Street

Frankston 3199

Tel: 1300 braaap

Email: sales@braaap.com.au



6. MAINTENANCE RECORD KEEPING

SERVICE DATE	DEALER	HOURS OR WEEKS FROM PURCHASE		SERVICE INTERVAL OR MAINTENANCE PERFORMED	TO BE STAMPED
					DEALER
/ /		1hr	1 week	Initial Oil Change	
/ /		5-10hr	2 weeks	First braap service and safety check	
/ /		15hr		Intermediate Oil Change	
/ /		20hr	12 weeks	braap service and safety check	
/ /		25hr		Intermediate Oil Change	
/ /		30hr	24 weeks	braap service and safety check	







6. MAINTENANCE RECORD KEEPING



SERVICE DATE	DEALER	HOURS OR WEEKS FROM PURCHASE		SERVICE INTERVAL OR MAINTENANCE PERFORMED	TO BE STAMPED
					DEALER
/ /		35hr		Intermediate Oil Change	
/ /		40hr	36 weeks	braaap service and safety check	
/ /		45hr		Intermediate Oil Change	
/ /		50hr	48 weeks	braaap service and safety check	
/ /				Intermediate Oil Change	
/ /			60 weeks	braaap service and safety check	









6. MAINTENANCE RECORD KEEPING

//				Intermediate Oil Change	
//			72 weeks	braap service and safety check	
//				Intermediate Oil Change	
//			84 weeks	braap service and safety check	
//				Intermediate Oil Change	
//			96 weeks	braap service and safety check	

6. MAINTENANCE RECORD KEEPING



//				Intermediate Oil Change	
//			108 weeks	braap service and safety check	
//				Intermediate Oil Change	
//			120 weeks	braap service and safety check	
//				Intermediate Oil Change	
//			132 weeks	braap service and safety check	









6. MAINTENANCE RECORD KEEPING

//					<input type="checkbox"/>
//					<input type="checkbox"/>
//					<input type="checkbox"/>
//					<input type="checkbox"/>
//					<input type="checkbox"/>
//					<input type="checkbox"/>

6. MAINTENANCE RECORD KEEPING



//					
//					
//					
//					
//					
//					



6. MAINTENANCE RECORD KEEPING

STANDARD PARTS AND USEFUL LINKS

Every part for your braaap bike is listed online in the largest online store of it's type in the southern hemisphere! <http://shop.braaap.com.au>

HERE ARE SOME OF THE MORE POPULAR SPARES FOR QUICK REFERENCE:

BP05-007 Front Brake Lever

BP01-013 Clutch Lever

BP01-011 Clutch Lever & Perch

BP06-009 Rear brake pads

BP05-028 Front brake pads

BP08-001 38mm Air Filter

BP48-002 Spoke tool

BP01-029 Throttle cable

BP01-035 Clutch Cable

BP01-068 Hour Meter

BP01-066 Black Grips

Useful braaap sites:

braaap online – www.braaapmotorcycles.com

braaap University – www.braaapuniversity.com

Learn to ride – www.braaap.com.au/ride

Spares shop – shop.braaap.com.au

YouTube – www.youtube.com/braaaponline

NOTES



