

# GMX

# MOTORBIKES

THE ONLY WAY TO RIDE



GMX EXTREME 125cc DIRT BIKE

# USER GUIDE

**Read and understand this entire manual before riding!**  
**DO NOT RETURN TO STORE!**

**NOTE: Manual illustrations are for demonstration purposes only. Illustrations may not reflect exact appearance of actual product.**

[WWW.GMXMOTORBIKES.COM.AU](http://WWW.GMXMOTORBIKES.COM.AU)



## CONGRATULATIONS ON YOUR GMX PURCHASE!

This assembly guide covers basic step by step instructions to assist you with the assembly process. Products are always subject to further improvement, which may cause some difference between vehicles and this manual, without further notice. We wish you happy riding.

### READ MANUAL

Ensure that you understand your quad bike by reading & going over the manual before assembly.

*PLEASE NOTE: Minor assembly is required, but in the interest of safety it is recommended that you have this bike assembled by a skilled bike mechanic.*

### UNPACKING

Please CAREFULLY remove all external box and metal frame packaging

**TIP: These parts can be sharp so when unpacking the packaging handle with caution.** 

### CHECK LOOSE PARTS

On most occasions your unit will come 90% assembled (depending on the model). Please go through all loose parts and check packaging that has been taken out, to ensure no parts get thrown out so you can assemble your GMX Product.

### WARNINGS

- Always use clean fuel – Never use old fuel.
- Do not overload unit with more than the recommended weight capacity of 90kg's as this can cause undue wear/damage to the clutch.

### WEAR SAFE

- Always wear a helmet.
- Wear protective clothing and gear such as goggles, long sleeves, long pants, boots and gloves/hand protection.

### RIDE SAFE

- Never let children ride this product that are meant for adults – even as passengers.
- Do not carry any passengers on product that are meant for one person.
- ATV(s) are not “all-terrain vehicles” so they may not be able to go safely on all types of terrain. Avoid riding on rough terrain or steep slopes.
- Ride on familiar tracks and beware of obstacles.
- Never ride under the influence of alcohol/drugs.
- Ensure children are supervised at all times on or around any activity on motorised vehicles.
- Always carry a mobile phone or radio device so you can contact help in case of an emergency.

### READ MANUAL

Ensure that you read and go over the manual and UNDERSTAND before assembling product.

**PLEASE NOT: MINOR ASSEMBLY IS REQUIRED, BUT IN THE INTEREST OF SAFETY IT IS RECOMMENDED THAT YOU HAVE THIS PRODUCT ASSEMBLED BY A SKILL MOTORCYCLE MECHANIC.**

# WARNINGS

**PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO ASSEMBLY AND OPERATION OF YOUR VEHICLE.** WARNING: This product is not a toy and is powered by a 4 stroke engine and comes with transport oil in the engine.

**THE OIL NEEDS TO BE DRAINED AND REPLACED WITH MOTORCYCLE OIL 10W/40 or 10W/50 IS REQUIRED  
IF THE OIL CHANGE IS NOT PERFORMED YOU MAY INTERNALLY DAMAGE THE ENGINE AND CLUTCH AND VOID YOUR WARRANTY  
DO NOT USE MOTOR CAR OIL  
DO NOT USE OIL WITH FRICTION MODIFIERS**

**Oil will need to be changed every 3 months in HOTTER climates or in the NORTHERN HEMISPHERE**

- There is an oil drain (SUMP) plug located underneath your PRODUCT and is highlighted with an oil drain sticker.. This is a 14mm bolt.
- DO NOT remove the other bolt located under the engine.
- Place an oil receptacle under the drain hole, undo bolt and let oil drain from the vehicle. Please note: Dispose of oil correctly
- Tighten bolt back up, remove dipstick (oil fill point) and fill the vehicle with suggested correct amount of oil required. Tighten



## SWING TAG'S & WARNINGS

Swing tags have been placed on your vehicle for you to identify checks that are located within this manual. Once you have performed the check required remove these swing tags and nylon loops attaching them to the vehicle.

**MAKE SURE TO REMOVE THE SWING TAGS AND TAKE SPECIAL NOTICE TO REMOVE THE NYLON LOOP.**

The tags and loops that need to be removed from this model: GMX 125cc EXTREME Dirt Bike



**GEAR LEAVER**



**CHAIN ADJUSTMENT**



**BRAKE ADJUSTMENT x2**

**ONCE SWING TAGS AND NYLON LOOPS ARE REMOVED YOU ARE ACKNOWLEDGING THAT THESE CHECKS HAVE BEEN PERFORMED**

There may be a "Spare Parts Package" within the carton so please check all of the packaging and DO NOT THROW OUT

# GMX Motorbikes WARRANTY

ALWAYS WEAR AN AUSTRALIAN STANDARD APPROVED MOTOR-CYCLE HELMET WHILST USING OFF ROAD VEHICLE.

This quad bike requires unleaded petrol; it is a necessity that the fuel being used is clean and not aged fuel. As this can harm parts on the product and void warranty. Your GMX Quad bike is intended for off road use only.

## **GMX MOTORBIKES WARRANTY**

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The manufacturer warrants this product to be free of manufacturing defects for a period of 12 months from date of purchase. This Limited Warranty does not cover normal wear and tear (exclusions apply) or any damage, failure or loss caused by improper assembly, maintenance or storage or use of the GMX product. Some parts will have a limited warranty period, please see below. This warranty is a part replacement warranty.

### **3 Month Parts Replacement Parts**

Electrical components, suspension, drivetrain and brakes/fittings.

### **30 Days Parts Replacement Parts**

Bearings, tires, tubes, cables, clutches, brake pads, seats.

Minor assembly is required. In the interest of safety and future warranty claims, it is recommended that you have this product assembled by a qualified, skilled motorcycle mechanic.

You may need to provide proof for this product of being assembled by a skilled motorcycle mechanic or small engine mechanic a report advising of the issues may be needed to process your warranty claims.

The warranty is a parts replacement warranty and labor is not included, defective parts may need to be sent back for inspection.

This Limited Warranty will be void if the product is ever;

- Used in a manner other than for recreation.
- Modified in anyway.
- Rented or commercial use.

The manufacturer is not liable for incidental or consequential loss or damage due directly or indirectly misuse of this product.

Always adhere to the maximum load of the product, over loading the product will void the warranty.

### **How a claim is made**

When making a claim, you will need to provide proof of purchase, condition photos of the item. This information is required to be submitted via the support center and communication is made through the support center. When the claim is created, the customer will receive the claim number and the customer support team will reply within 24 hours.

# IMPORTANT SAFETY INFORMATION

This section presents some of the most important information and recommendations to help you ride your motorcycle safely.

Please take a few moments to read these pages. This section also includes a special message for parents and location information for the safety labels on your motorcycle. Your motorcycle can provide many years of service and pleasure—if you take responsibility for your own safety and understand the challenges you can meet while riding.

This motorcycle has been designed for younger riders. However, not all younger riders are physically or emotionally ready to ride. Therefore before any parents allow any youngster to ride this motorcycle, we urge them to read the Important Message to Parents beginning and the Parents, Youngsters and Off-Road Motorcycles booklet.

There is much you can do to protect yourself when you ride. You'll find many helpful recommendations throughout this manual. The following are a few that we consider most important.

**Ride Off-Road Only.** Your motorcycle is designed and manufactured for off-road use only. The tires are not made for pavement, and the motorcycle does not have turn signals and other features required for use on public roads. If you need to cross a paved or public road, get off and walk your motorcycle across.

## **TAKE TIME TO LEARN AND PRACTICE**

Developing off-road riding skills is a gradual, step-by-step process. Start by practicing at low speeds in a safe area and slowly build your skills. Personal instruction from an experienced rider can also be valuable.

## **ALWAYS WEAR A HELMET**

It's a proven fact: helmets significantly reduce the number and severity of head injuries. It is required to wear an Australian Motorcycle Standard Helmet when riding a motor bike. So always wear an approved motorcycle helmet. We also recommend that you wear eye protection, sturdy boots, gloves, and other protective gear.

## **NEVER CARRY A PASSENGER**

Your motorcycle is designed for one person only. There are no handholds, footrests, or seat for a second person—so never carry a passenger. A passenger could interfere with your ability to move around to maintain your balance and control of the motorcycle.

## **BE ALERT FOR HAZARDS**

The terrain can present a variety of challenges when you ride off-road. Continually "read" the terrain, for unexpected turns, drop-offs, rocks, ruts, and other hazards. Always keep your speed low enough to allow time to see and react to hazards.

## **RIDE WITHIN YOUR LIMITS**

Pushing limits is another major cause of motorcycle accidents. Never ride beyond your personal abilities or faster than conditions warrant. Remember that alcohol, drugs, fatigue, and inattention can significantly reduce your ability to make good judgments and ride safely.

# IMPORTANT SAFETY INFORMATION

## **DON'T DRINK AND RIDE**

Alcohol and riding don't mix. Even one drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. So don't drink and ride, and don't let your friends drink and ride either.

## **KEEP YOUR DIRT BIKE IN A SAFE CONDITION**

It's important to keep your motorcycle properly maintained and in safe riding condition.

Having a breakdown can be difficult, especially if you are stranded off-road far from your base. To help avoid problems, inspect your motorcycle before every ride and perform all recommended maintenance.

That's why we urge you to read this message before you let any young person ride this motorcycle. Off-road riding can be fun. But, as with riding a bicycle, bad judgment can result in injury, and we don't want that to happen! As a parent, you can help prevent accidents by making good decisions about if, when, and how your youngster rides this motorcycle.

## **RIDING READINESS**

The first decision you'll need to make is whether your youngster is ready to ride. Riding readiness varies widely from one person to another, and age and size are not the only factors. For example, riders must be big enough to hold the motorcycle up, get on, and comfortably sit on the seat with both feet touching the ground. They should also be able to easily reach and work the brakes, throttle, and all other controls. **ATHLETIC ABILITY** is necessary for riding a motorcycle. Generally speaking, your youngster should be good at riding a bicycle before getting on a motorcycle. Can your youngster judge speeds and distances while riding a bicycle and react with proper hand and foot actions? Anyone who does not have good coordination, balance, and agility is not ready to ride this motorcycle.

To help your youngster build confidence as they're learning to ride, this bike was delivered with a speed restrictor that limits top speed. We recommend that all beginning riders start off with the speed restrictor may be adjusted to gradually increase maximum speed as the beginner becomes more familiar with riding their bike/motorcycle.

## **INSTRUCTION AND SUPERVISION**

If you decide that your youngster is ready to safely operate this motorcycle, make sure both of you carefully read and understand the owner's manual before riding. Also be sure that your youngster has a helmet and other appropriate riding equipment and always wears it when operating the vehicle or sitting it.

**SUPERVISION** is another important obligation of parents. Even after youngsters have become skilled off-road riders, they should always ride with adult supervision.

It helps to regularly remind young riders of basic safety rules and precautions. And remember, it's your responsibility to see that the motorcycle is properly maintained and kept in safe operating condition

**SAFE AND RESPONSIBLE RIDING** must be an on-going commitment—by you and your youngster. When you both put safety first, you can enjoy more peace of mind, and your youngster can enjoy more hours of safe off-road riding.

# IMPORTANT SAFETY INFORMATION

For your convenience, this DIRT BIKE comes with an ignition switch and key. Remove the key when the motorcycle is parked to help prevent unauthorized use. Your Dirt Bike was designed as a rider-only motorcycle. It was not designed to carry a passenger or cargo. A passenger or cargo could interfere with your ability to move around to maintain your balance and control of the motorcycle.

In addition, exceeding the weight limits or carrying an unbalanced load can seriously affect your motorcycle's handling, braking, and stability. Adding accessories or making modifications that change this motorcycle's design and performance can also make it unsafe. Also, the weight of any accessories will reduce the maximum load the motorcycle can carry.

## **LOAD LIMITS**

Following are the load limits for your motorcycle:

Maximum weight capacity = 50 KG's

Includes the weight of the rider and any accessories.

**CHECK ALL LOOSE PARTS** - Check and secure all nuts and bolts BEFORE EVERY RIDE. Make sure the handle bars and their clamp are tight to ensure no movement and are locked into place. There should be no unusual shakes or noises associated with loose or broken parts. If you are unsure, get advised by an experienced small engine mechanic or hobby shop technician.

**BRAKE CHECK** - Check the brakes for correct functioning. When you apply pressure to the hand brake you should have a positive braking action. If not adjust the brake accordingly. When you apply the brake with the accelerator on the brake cut-off switch will stop the motor.

**FRAME, FORK AND HANDLEBARS** - Check for cracks in the frame or broken connections. A broken frame is very rare but in some cases when aggressive riders run into a gutter can break a frame. Make sure the check is done regularly.

**TYRE INFLATION** - Check the tyres for excessive wear and always check the pressure and re-inflate if required. If you get a flat tyre you will need to replace the inner tube and are available to purchase from GMX

**SAFETY GEAR** - Always wear a motorbike Australian standard helmet and protective gear such as elbow pads, knee pads, gloves and enclosed shoes. Never ride barefoot or in thongs.

**THROTTLE** - Check the free play and adjust if needed. Rotate the throttle to make sure it moves smoothly without sticking, and snaps shut automatically when it is released, in all steering positions.

**BRAKES** - Squeeze the front brake lever and step on the rear brake pedal to check that the controls operate normally. Adjust free play, if necessary.

# IMPORANT SAFETY INFORMATION

**FITTED SPEED LIMITER** - The pace may seem fast for kids at certain ages although, during normal riding, they will probably not reach the maximum speeds. You can limit the speed for your children by setting the bike's throttle limiter in addition to maintaining it in second gear.

It is recommended that the motorbike's speed limiting device be set so that the motorbike operates at:

- (i) for motorbikes used by a child aged between 6 to 8—no more than 20 kilometres per hour; or
- (ii) for motorbikes used by a child aged between 8 to 11—no more than 30 kilometres per hour; or
- (iii) for motorbikes used by a child aged between 12 to 14—no more than 50 kilometres per hour.

# UNPACKING AND ASSEMBLY INSTRUCTIONS



1. Remove strapping.
2. Remove tape and open the box.
3. Remove the box from the protective framing.
4. Using a screwdriver and a spanner remove the bolts from the framing.
5. Using a Wire cutter, remove the rear wheel steadying wire.
6. Using a wire cutter, remove the front wheel steadying wire.
7. Using a wire cutter, remove the fork steadying wire
8. Whilst steadying the bike remove the protective frame (2 people minimum).
9. Engage the side stand for the bike.
10. Using an Allen key and a spanner remove the handle bar "block" from the fork assembly.
11. Remove the protective membrane from the fork assembly.
12. Lift handlebar into correct position and fasten bolts

# UNPACKING AND ASSEMBLY INSTRUCTIONS



13. Ensure the handle bar and fork assembly are very secure. Failure to tighten these component parts can result in a major failure, if in doubt consult a skilled mechanic
14. Using a screwdriver, remove the number plate spacer from the fork assembly
15. Install the number plate
16. Remove the strapping from the left foot pegs
17. Remove the strapping from the gear lever
18. Check these component parts for clear movement

# UNPACKING AND ASSEMBLY INSTRUCTIONS



19. Remove the strapping from the right foot peg
20. Check the peg for clear movement
21. Remove the securing wire for the front wheel
22. Remove the securing wire for the rear wheel
23. Remove the clear protective membrane from all the component parts of the bike
24. The bike is ready for inspection. At this point it is highly advised that a skilled and qualified mechanic check over all mechanical parts all nuts and bolts and the engine itself. Things to pay particular attention to may include, but are not limited to, header bolts engine mount bolts, suspension, carburettor, axles and braking components.



# WARNING

Improper ATV use can result in severe injury or death always use an Australian approved helmet and protective gear.



**ALWAYS USE AN AUSTRALIA  
APPROVED HELMET  
& PROTECTIVE GEAR.**



**NEVER CARRY  
PASSENGERS OR  
TRANSPORT LOADS**



**NEVER USE ON  
PUBLIC ROADS  
OR PROPERTY**



**NEVER USE WITH  
DRUGS OR ALCOHOL**

## **NEVER OPERATE**

Without proper training or instructions.

At speeds too fast for your skills or conditions.

On public roads – a collision may occur with another vehicle.

Operating with a passenger may affect balance and steering and poses an increased risk of losing control.

Use proper riding techniques & avoid turning vehicle on hills and rough terrain.

Avoid paved surfaces as pavements may seriously affect handling control.

Locate and read your owner's manual. Follow all instructions and warnings.

This label should be seen as a permanent part of your ATV, if it becomes damaged or removed please contact a member of our team through our website.

**[www.gmxmotorbikes.com.au](http://www.gmxmotorbikes.com.au)**

This is the most efficient way to get the most up to date information regarding our products.

GMX Motorbikes strongly recommend that anyone considering operating any of our products follow these instructions to avoid product damage, serious injury and/or death:

1. Read this manual carefully and follow the operating procedures described.
2. Never operate this product without proper training or instruction. Beginners should receive training from a certified instructor.
3. Always follow the age recommendation of the specific GMX model.
4. Children under the age of 16 should be supervised by an adult at all times. (Safety is the sole responsibility of parental guardians)
5. Never operate an ATV without wearing an approved motorcycle helmet that fits correctly. For more information on correctly fitting a helmet please contact your local transport authority. These can be found at the following government link.  
**<http://australia.gov.au/topics/transport>**
6. GMX strongly recommend the use of eye protection (goggles and/or face shield), gloves, boots, long-sleeved shirt or jacket, and long pants.
7. Never consume alcohol or drugs before or while operating any ATV.
8. Never operate at speeds too fast for your skills or the conditions. Always go at a speed that is appropriate for the terrain, visibility and your experience.
9. Never attempt any kind of stunts/jumps.
10. Always inspect your product before each use to make sure it is in safe operating condition.
11. Always keep both hands on the handlebars and both feet on

the footboards of the product during operation.

12. Always be alert to changing conditions of terrain, weather and visibility when operating the product.
13. Never operate on excessively rough, slippery or loose terrain.
14. Always follow proper procedures for turning as described in this manual.
15. Never operate the product on hills.
16. Always follow proper procedures for climbing slopes as described in this manual. Check the terrain carefully before you start up any slope. Never go over the top of a slope at a high speed.
17. Always follow proper procedures for going down slopes and for braking on slopes as described in this manual. Check the terrain carefully before you start down any slope. Never go down a slope at high speed. Go straight down the slope where possible.
18. Never attempt to turn the product around on any slope until you have mastered the turning technique described in this manual on level ground. Avoid crossing the side of a steep slope if possible.
19. Never attempt to operate over large obstacles, such as large rocks or fallen trees. Always follow proper procedures when operating over obstacles as described in this manual.
20. Never operate this product in fast flowing water deeper than that recommended in this manual.
21. Wet brakes may have reduced operating ability. Test your brakes after contact with water. If necessary, apply them several times to let friction dry out the linings.

22. Always use the correct size and type of tires specified in this manual. Always maintain proper tire pressure as described in this manual.
23. Never modify this product through improper installation or use of accessories.
24. Never exceed the stated load capacity for any GMX Motorbikes product.
25. Ensure the safe handling of ANY petrochemicals required for the maintenance of your GMX product.
26. GMX Motorbikes will not be held responsible for violations of local road laws, the GMX range of products are designed solely for private, off road usage unless otherwise stated.

## **EXHAUST SYSTEM**

GMX Motorbikes advise that the exhaust on the machine can become very hot during and following operation. To prevent burns, avoid touching the exhaust system. Park the machine in a place where Pedestrians or children are not likely to come in contact.

## **FUEL HANDLING**

Precautions should be taken when handling any type of petrochemicals. Gasoline can catch fire, and is toxic to life and the environment. GMX motorbikes recommend the following safety tips to avoid accidents, injury/death:

Always turn off the engine when re-fuelling. Do not refuel right after the engine has been running and is still very hot.

Do not spill gasoline on the engine or exhaust pipe/muffler when refuelling.

Never refuel in any proximity to any sources of ignition such as smokers, open flames or embers etc.

When transporting the machine in another vehicle, be sure it is kept upright and that the fuel tap is in the "OFF" position. Otherwise, fuel may leak out of the carburettor or fuel tank.

Gasoline is poisonous and can cause injuries, in the case of swallowing gasoline, inhaling gasoline vapours or contact with eyes, see your doctor immediately.

In the case of gasoline contact on your skin, wash with soap and water. If gasoline spills on your clothing, change your clothes and contact a medical professional.

# GETTING STARTED

## FILLING THE TANK

The fuel tank capacity is 3.0Ltr in total (including the reserve). Open the fuel cap by unscrewing it, and carefully fill the tank within a viewable level.

**PRECAUTION:** Do not overflow the fuel tank, filling should be accomplished using a fuel funnel to avoid spills (please refer to the safety and precautions section of your manual)

## OPERATING THE FUEL TAP

The fuel tap is designed as a safety feature to be able to isolate the supply of fuel to the system.

**ON:** When the fuel lock is in the “ON” position, the fuel circuit is open and in full supply.

**OFF:** When the fuel lock is in the “OFF” position, the fuel circuit is closed. This is recommended when the bike is not in use.

## STARTING THE ENGINE

**Warning:** Never operate this engine or any engine in an enclosed space. Failure to operate combustion engines with correct ventilation can result in Carbon monoxide poisoning and even death by suffocation.

Set the key into the ignition and turn clockwise.

Set the Kill switch in the “ON” position.

Ensure the vehicle has an appropriate amount of fuel.

Set the fuel tap into the “ON” position.

## WHEN COLD

Ensure the kill switch on the left handle grip is in the “ON” position.

Open the choke by moving the choke handle up.

Rotate the throttle 1/8 for extra fuel injection.

Kick down hard on the kick start, releasing immediately (failure to remove your foot from the kick start can damage the starting mechanism). Where the model has an electric start, push the starter button until the engine has started (do not hold down the button for more than 5 seconds at a time as this may damage the battery)

Twist the throttle to keep the revs of the engine up whilst the engine reaches optimum operating temperature.

Once the engine is at running temperature, turn the choke handle all the way down (closed position)

# GETTING STARTED

**PLEASE NOTE:** Warm up the engine for 3-5mins prior to each usage. Over revving the engine is harmful to the engine, especially when cold. The running in of the engine is considered to be for the first 500km, during this time avoid steep inclines and high speeds.

Avoid over revving the engine at all times.

## TURNING OFF THE ENGINE

In a stand still position, in neutral gear, remove your grip on the throttle.

Turn the kill switch into the “OFF” position, followed by the key ignition.

Set the fuel tap into the “OFF” position.

**PLEASE NOTE:** In an emergency release the throttle, hold in the clutch and turn “OFF” the kill switch. Slow down as quickly as is safe to do so.

# MAINTENANCE

GMX Motorbikes promote safety as paramount. As such, it is advised that before each and every use of your product that you actively walk around your vehicle and check that everything appears in order. Maintenance should be undertaken regularly and servicing should be carried out by the appropriate persons. GMX recommend any work being carried out on any of our range of products should be done by an approved motorcycle mechanic.

The following list has been provided for you by GMX Motorbikes as an advisory process before each ride. This should be completed at the discretion of the rider and any faults discovered during the checklist should be FULLY resolved before operating the product.

## FRONT AND REAR BRAKES.

When checking the breaks, ensure all cables are in place and there are no leaks. Check the breaking mechanism works manually before riding. Some brakes are adjustable for performance reasons; brake adjustments are sensitive and in the interest of safety should only be carried out by a skilled mechanic.



# MAINTENANCE

## FUEL LINE AND TANK

It is important to check for any fuel leaks around the tanks and along fuel lines. Engines become hot during use and therefore pose a risk of personal injury, burns & fire.

## OIL LEVELS

Oil Levels Should be checked prior to each usage, the “dipstick” can be found on the right cover of the crank case, much like a car this is used to check the oil levels. If the engine is low on oil top up to a suitable level. The dipstick should always be replaced firmly and securely. The oil supplied with the vehicle is transport oil that must be changed after the first 4 hours of usage.

## Replacing the oil

- Remove the “sump plug”.
- Drain the oil from the engine.
- Replace the sump plug.
- Refill the engine with a high quality oil suitable for the engine.

PLEASE NOTE: Never maintain the engine when it is hot as this can cause personal injury, leaks of fires, explosions and even death.

Whether your product has a 2 or 4Stroke engine, your product engine relies on a good supply of high quality engine oil. Failure to maintain the oil supply can permanently damage your engine posing an increased risk of loss of control to your product.

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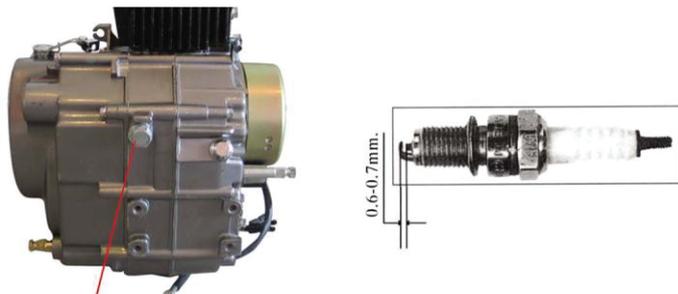
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# MAINTENANCE

## SPARK PLUG

- Remove the coil/lead from the spark plug.
- Remove the spark plug with the correct tool.
- Clean around the contactors (where the spark is emitted from) or replace the unit.
- Ensure the Gap at the contactors is 0.6-0.7mm.



**PLEASE NOTE:** If you do not feel competent to fulfil ANY maintenance tasks, please consult a qualified motorcycle mechanic.

## AIR FILTER

Check the air filter after each usage of the vehicle. Where applicable remove the air filter for cleaning.

Wash the filter or soak it with air filter cleaner or machine oil, if the filter is in any way damaged, please source a replacement filter appropriate for your product.

**CAUTION:** Make sure the air filter is correctly fitted to the bike.

Failure to fit the filter will result in contaminants entering the engine and cause fatal damage to the engine & components

## THROTTLE

The throttle of your vehicle directly affects the speed of your product, it should be in perfect working order before each time you ride your product. Check and ensure that the cable and all mechanical parts included in the throttle system are moving freely.

The carburettor is also considered part of the throttle system and may also require adjustment. It is not advised to make adjustments whilst the engine is running. Repeat adjustments whilst the engine is off and test each adjustment afterwards.

## TO ADJUST THE CARBURETTOR:

- Support the vehicle by means of the side stand.
- Adjust the idling speed using the adjustment screw (recommended r/min are approx. 1500 r/min)

**PLEASE NOTE:** Do not make adjustments to a cold engine as this is the most changeable state of the engines running. Adjustments should not be made by unqualified persons, if in doubt please consult a qualified mechanic.

## CHAIN

It is advisable to visually check the chain of your ATV before each use. Its general condition is important, there should be no obstructions to the chain, it should be well lubricated and under the correct tension

## LIGHTS

Should your ATV include front/rear lights or signalling lights, it is

# MAINTENANCE

important to ensure these are in good working condition prior to using your product.

## **SWITCHES**

Any switches included with your vehicle can be very important to the control of the product; these should be checked prior to every use of the vehicle.

## **TIRES**

GMX Motorbikes advise that you should check the condition and wear of your tires before every ride. Tire pressure should be checked intermittently (please refer to “Tips for Servicing and Maintenance” for further information. Tires can be damaged by rough terrain.

In the event of any discrepancies or faults discovered during your safety checks, please refer to “Tips for Servicing and Maintenance” or contact an approved motorcycle mechanic.

## **GENERAL CLEANLINESS**

The cleaning of your product can prolong the life of many component parts such as, plastics brakes and frame etc. Jet washing can cause damage to certain components.

**PLEASE NOTE:** Some cleaning chemicals can remove oils and lubricants that are vital to the running condition of the product. It is highly recommended that all lubricated areas are treated with the correct lubricants. Do not use corrosive detergents for the cleaning of the vehicle. Brakes can be rendered ineffective if wet or contaminated with detergents, please allow for drying time prior to reusing the vehicle after cleaning.

GMX Motorbikes promote the use of safety equipment during

the use of your product; the following list is an advisory guideline of the equipment that should be obtained before using your product for the first time, and to be used for every ride regardless of experience and skill level.

## **HELMET**

- A helmet is the most important piece of protective equipment and should be worn at all times the vehicle is being ridden.
- Select a helmet that complies with the current Australian Standard 1 for off road vehicle users. These helmets must meet the requirements for on-road and off-road use.
- Ensure the helmet fits the operator correctly, & is securely fastened and provides good, all-round visibility. A poorly-fitting or loose helmet can become dislodged in an incident and then offer no protection at all.
- Operators should not share helmets but instead use personal helmets for size and hygiene reasons.

## **EYE PROTECTION**

- Eye protection is recommended to prevent eye injuries and can prevent debris your face and distracting you. Sunglasses will not provide adequate physical protection. Suitable types of eye protection include:
  - Helmets fitted with visors (check visibility of tinted visors in low light conditions), or Training module GMX Quad bike/ ATV range May 2012 Page 9 – a pair of riding goggles. If goggles are worn, ensure they are good safety goggles, are well-ventilated, and able to be securely fastened.

## **GLOVES**

- Gloves are recommended to provide protection from abrasions and help to keep your hands from getting sore, tired or cold. Note that rigger's or construction gloves may become slippery when wet and are not advisable for use with quad bikes.

## **FOOTWEAR**

- Sturdy footwear is recommended (preferably boots that come up past your ankle with strong uppers for gear changes.)
- Heels will prevent your feet from slipping off the foot decks.

## **CLOTHING**

- Arms and legs should be covered to reduce abrasions to the body, even in hot weather.
- Trousers should be close-fitting and in good condition

# STORAGE

If you do not intend to use the product for extended periods of time, it is important to prepare the product correctly for storage and check the vehicle very carefully prior to putting the product back into service.

**PLEASE NOTE:** Incorrect storage can cause damage to the working components of the product and in turn the engine.

- Change the engine oil (dirty oil can cause damaging sediments to be left in the engine).
- Drain the fuel system entirely and treat the components with a machine oil or anti rust agent (stale fuel can cause damage to the carburettor, please refer to the safety precautions for handling petro chemicals).
- Remove the spark plug and inject 20ml of clean engine oil into the cylinder, kick the kick start several times to distribute engine oil around the top end of the engine. Replace the spark plug

**ATTENTION:** Ensure the ignition is “OFF” so that the engine cannot fire and the spark plug cannot spark)

- Make sure the product is clean, dry and lubricated
- Check tyre pressure and inflate where necessary, “Chock” the wheels to avoid misshaping the tyres/tubes.
- Store the product in a cool dry place. It is advised to wrap the bike in a protective sheet to avoid UV damage or unnecessary scratches/damage

# **VEHICLE MAINTENANCE**

# VEHICLE MAINTENANCE - BEFORE YOU RIDE CHECKLIST

## SAMPLE PRE-OPERATION CHECKLIST

Add to or adapt this checklist to suit your quad bike and place photocopies in a sturdy folder where vehicle keys and operator PPE are stored.

- Maintain completed forms to provide a record of completed inspection and/or training.
- The operator's manual provides information about minimum maintenance activity.
- Additional copies of checklists are available at [worksafe.vic.gov.au](http://worksafe.vic.gov.au)

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Pre-operation checklist:

Check the fuel, oil and coolant every time before use with the engine off.

---

Visually inspect

Check for damaged or loose parts.

Check for fuel or oil leaks.

---

Wheels and Tyres

Check tyres for damage.

Ensure tyre pressure is correct and even in each tyre.

Check wheel nuts.

---

Throttle

Check the throttle operates smoothly across its range. Accumulated mud and dirt can restrict cable movement and prevent the throttle from closing.

---

Brakes

Check brakes operate properly before reaching full speed.

---

**Air filter**

Check it is not choked with dirt. Clean and replace regularly.

---

Lights and switches

Check lights and switches work.

# VEHICLE MAINTENANCE - BEFORE YOU RIDE CHECKLIST

## Drive chain and chassis

- Inspect chain for proper adjustment, wear and lubrication.  Check drive shaft for oil leakage.
- Look and feel for loose parts with the engine off. Rough terrain will loosen chassis parts.

## Steering

- Check the steering moves freely, but without undue looseness.

## Other checks required

### Maintenance actions required

For safe operation, any defects identified in a check of the quad bike must be fixed before it is put **into operation**. This may mean you need a suitably qualified repairer.

Done

Checked by:

Date

# VEHICLE MAINTENANCE - MONTHLY CHECKLIST

## ROUTINE MAINTENANCE CHECKLIST

### Brakes

- Check adjustment, pads, cables and fluid levels
- Auxiliary brake
- Foot and hand levers adjusted – as per the operator's manual
- Check disc wear

### Wheels

- Axle bearings and wheel nuts are tight
- Rims not dented or buckled
- Tyres are roadworthy, with adequate tread depth
- Tyre type and pressure as per the operator's manual
- Use low-pressure tyre gauge. High-pressure gauges are not accurate for quad bike tyres

### Chassis and suspension

- Shock absorbers – for leaks and wear
- Suspension operation
- Safety guards – for looseness
- Handlebars, foot decks and major fasteners – use tension wrench

### Steering

- Smooth movement from lock to lock
- Linkages – for wear

### Throttle operation

- Test while moving handlebars fully to the left and fully to the right

### Gear selectors

- Gear levers – for damage and excessive slack
- Splines on gear shaft

### Fluid levels

- Fluid levels as recommended in the operator's manual
- Transmission fluid
- Engine oil
- Battery fluid
- Brake fluid
- Fuel tank filled

### Cooling systems

- Fluid levels (if liquid cooled)
- Thermostatic fan
- Leaks and damage

Additional routine maintenance checks required:

# VEHICLE MAINTENANCE - MONTHLY CHECKLIST

## ROUTINE MAINTENANCE CHECKLIST (CONT.)

4WD system

- Constant velocity joints
- Drive line and shafts
- Check for split boots on drive shafts

Signals

- Lights
- Horn
- Indicators

For quad bikes with chain drive

- Chain adjustment as per the operator's manual
- Sprockets not worn

Lever controls

- Check smoothness of operation
- Check for broken, sharp or bent levers

Additional routine maintenance checks required:

On the back of this sheet list:

1. Maintenance actions required
2. Items that require attention from an authorised repair person

**Air filter**

- Check, clean and regularly replace

**Exhaust**

- Holes and corrosion
- Excessive noise
- Looseness
- Spark arrestor fitted

**Battery**

- Battery terminals – for corrosion and tightness
- Electrolyte levels
- Damaged casing

**Other**

Check for attachment and condition of:

- Load carriers
- Foot decks
- Seat

Maintenance check performed by:

Date:

Next service at:

# **VEHICLE MAINTENANCE**

# VEHICLE MAINTENANCE - BEFORE YOU RIDE CHECKLIST

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