

GMX

MOTORBIKES

THE ONLY WAY TO RIDE



ATV OFF ROAD - GMX 110cc RIPPER

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



SAFETY WARNING-MUST READ

RISK OF ROLL OVERS

We strongly encourage safe riding at all times. Accidents involving ATV/Quad Bikes are the second leading cause of injury and death on Australian soils. Most deaths are due to crash injuries associated with ATV/Quad Bike roll overs or by injuries associated with the victim being flung off onto a hard surface as a result of a serious crash.

Therefore we urge all riders to think carefully about their riding use of ATV/Quad Bikes, taking into account all the safety risks that are involved and how to safely ride your ATV/Quad Bike as well as keeping it serviced and maintained correctly before every ride.

SAFETY TIPS FOR RIDING

Many ATV/Quad Bike accidents are caused when ATV/Quad Bike's roll over or overturn. The key to avoiding these accidents is maintaining total control of your ATV/Quad Bike. You do this by maintaining good balance and being aware of your centre of gravity. This is most important when you are riding on an incline, going around a turn or making a sudden stop. All of these situations are recipes for disaster because they shift the momentum of an ATV/Quad Bike in such a way that you need to shift the weight of your body to counteract that momentum before the ATV/Quad Bike rolls over or flips.

Reduce your risk of injury & death by knowing exactly what your quad bike can and can not do. We strongly recommend the following:

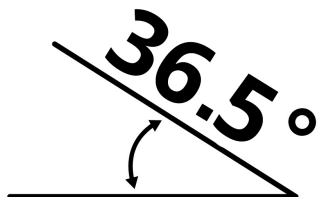
- Read the complete manual and pay particular attention to the safety instructions and warnings.
- Read all warning labels in this guide and on your ATV/Quad Bike, specially the roll over orange warning that is affixed to your ATV/Quad Bike. Also the yellow stability tipping point swing tag warning, we strongly recommend you study them before riding.
- Wear appropriate safety gear, that also includes an approved safety helmet that meets Australian standards.
- Make sure that other persons who operate the ATV/Quad Bike understand all riding instructions, all safety guides and warnings.
- Practise riding the ATV/Quad Bike in a safe environment until you feel confident.
- Do not allow any passengers. Only a sole Rider is permitted at all times.
- Do not modify or tamper with the ATV/Quad Bike, no aftermarket parts or equipment can be fitted as it may cause malfunction and cause serious injuries.
- Observe the load ratings, do not exceed the limit
- Regularly service and maintain your ATV/Quad Bike.
- Perform a safety check each time before you ride.
- Avoid travelling up or down steep inclines or declining hills.
- Do not perform any jumping or riding on terrains beyond your riding ability.
- Leave all safety guards in place.





SAFETY WARNING-MUST READ

Stability Test Result



COMPARE VEHICLES
Quad bikes with higher numbers are more stable
ASK YOUR DEALER FOR ADVICE

GO EASY AUSTRALIA PTY LTD GMX 110cc RIPPER

When tested to the quad bike safety standard, this is the minimum angle this quad bike tipped sideways on to two wheels. The above result should be used for comparative purposes only.

Factors, such as uneven terrain, speed, loadings, accessories, modifications and rider position can effect a quad bike's stability.

Read the operator's manual for safe riding practices.

THIS HANG TAG IS NOT TO BE REMOVED BEFORE SALE

• Factors, such as uneven terrain, speed, loadings, accessories, modifications and rider position can effect a quad bike's stability.

• Whenever possible, ride on familiar tracks. Even then, think very carefully about the possibility of pot holes, large rocks, drains or other obstacles, the weather conditions, the nature of the surface and how fast you are able to ride.

• Ride cautiously when riding the ATV/Quad Bike on any terrain, as surfaces may compromise your control.

• Evaluate the terrain carefully before you ride. Steep hills, particularly if the dirt is loose or wet, should be avoided as they can cause the ATV/Quad Bike to roll over.

• Watch the ground ahead for potential hazards. Riding into or over rocks, pipes or any other obstacle can cause an accident.

• If you're not confident that you can negotiate a particular stretch of terrain, don't attempt it. Go another way or turn around.

• Remember that liquids within a spray tank can cause sudden shifts to your quad bike's centre of gravity when riding over uneven terrains. Make sure you are able to carry additional weight and that it doesn't exceed the load capacity.

WARNING



RISK of ROLLOVER even on flat terrain

ROLLOVERS could result in DEATH or SERIOUS INJURY

AVOID sudden sharp turns

AVOID steep inclines

AVOID riding across slopes



To prevent potential fire hazards all our Quad Bikes/ATV's have been fitted with a **Spark Arrestor** that conforms with Australian standards.

A spark arrestor is designed to trap any glowing sparks before they exit your exhaust by acting as a filter. The mesh creates many tiny holes witch the exhaust needs to flow through. Any particles larger than the holes in the mesh will be stopped.



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 bike 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 quad 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 quad bikes that are meant for adults – even as passengers.
- Do not carry any passengers on quad bikes that are meant for one person.
- Quad bikes are not all-terrain vehicles so they cannot 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 near any quad bike activity.
- 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 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.

WARNINGS

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO ASSEMBLY AND OPERATION OF YOUR VEHICLE.

WARNING: This product 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 A HOTTER CLIMATE OR THE NOTHERN HEMISPHERE

- There is an oil drain plug located underneath you quad/dirt bike and is highlighted with an oil drain plug 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 110cc RIPPER Quad Bike



STEERING ADJUSTMENT x2



CHAIN ADJUSTMENT



BRAKE ADJUSTMENT x3



KEY REMOVAL

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/fitings.

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.

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SAFETY PRECAUTIONS

Please read these warnings carefully.

PARENTS/SUPERVISING ADULTS MUST TEACH CHILDREN HOW TO RIDE THIS PRODUCT.

If the rider does not use common sense and heed these warnings, there is an increased risk of damage, serious injury or possibly death.

Riding this product presents potential risks.

Like any OFF ROAD riding product, riding this product can be hazardous (e.g., falling off or riding into a hazardous situations)

These items are meant to move and it is therefore possible for a rider to lose control or otherwise get into dangerous situations.

Persons responsible for supervising the rider must recognize that if such things occur, a rider can be seriously injured or possibly die, even when using safetyequipment and taking other safety precautions.

USE PRODUCTS AT YOUR OWN RISK AND USE COMMON SENSE

Parents and adult responsibility and supervision are necessary for any off road vehicle.

This product can be hazardous and not always appropriate for every age or size user - age recommendations are found on these items that should reflect the nature of the hazards and the expected mental or physical ability, or both, of a

rider to be able to handle the hazards. Persons that are supervising need to select themselves the appropriate product for the age of the user that is riding and need to take care to prevent any user who may be too immature or not experienced for a products. characteristics to endanger themselves around it.

Any rider unable to fit comfortable on the product should not attempt to ride it. It's a parent's decision to allow the user to ride this off road vehicle product, which should be based on the user's maturity, skill and ability to follow rules.

Keep this product away from small children and remember that it is intended for use only by person who are, at the age requirement, completely comfortable and competent while riding.

Persons with any mental or physical conditions that may make them susceptible to injury impair their physical dexterity or mental capabilities to recognise, understand, and follow safety instructions inherent to use of this product, should not use or are permitted to use products inappropriate for their ability.

Persons with heart conditions, head, back or neck issues (or prior surgeries to these areas of the body), or pregnant women, should be cautioned not to operate such products.

RIDING PRACTICES

2.

This product is designed for off road use. Follow all rules applicable in the area of intended use.

Ride defensively & conservatively to avoid dangers that may enter your path.

Always check and obey local laws or regulations which may affect where the item can be used. Keep safely away from motor vehicles and traffic at all times and only used where allowed and with caution. Watch out for potential obstacles

The product is intended for use on flat, dry surfaces such as concrete or level ground, without loose debris such as sand, leaves, rocks or gravel.

Riding on wet, slick, bumpy uneven or rough surfaces may give less traction and in turn increase the risk of accidents, which may cause serious damage, injury or death

Watch out for obstacles that could stop or catch your wheel or make you swerve suddenly or lose control.

Do not ride indoors

Never use near steps or swimming pools.

Do not use the brake and accelerator at the same time as the brake may become overloaded & fail.

Always have your hands on the handlebars and **hold them at all times when riding.**

Do not touch the motor or brakes whilst riding or directly after riding as they can become hot.

Avoid high speeds on downhill slopes where you might lose control.

Do not ride at night or when visibility is low.

Do not attempt to do stunts or tricks on your item.

It is not strong enough to withstand use such as jumping or any other types of stunts.

Never carry a passenger on an ATV.

Do not allow hands, feet, hair, body parts, clothing or similar articles come in contact with moving parts, wheels or drive train.

Never use headphones or a mobile phone/s whilst riding.

Do not use under the influence of drugs and alcohol.

Always wear protective gear, such as an approved safety helmet, gloves, goggles, boots and protective clothing. A long sleeve shirt, long pants and gloves are recommended.

Never ride barefoot or in thongs.

Never modify an ATV through improper installation or use of accessories.

Never exceed the stated load capacity for an ATV.

Do not tow a trailer, the vehicle is not designed for such use.

Turn off vehicle after each ride and make sure keys are placed out of reach of children.

Always wear an Australian standard Motorcross helmet when riding an off road vehicle.

HANDLEBARS

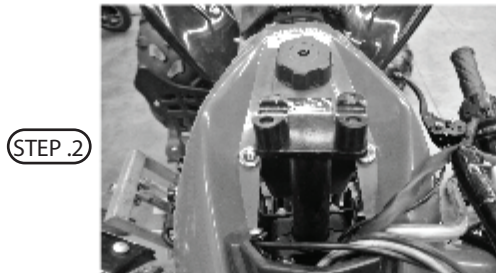
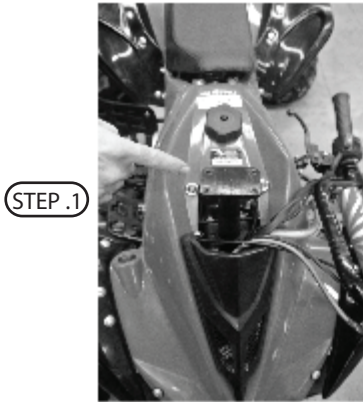
1a. Handlebars are found generally on the side of the quad attached by the cables.



1b. Locate 4x handlebar fixtures and bolts in pack.



1c. Place two of the fixtures on the on top of the steering column lining up with the bolt holes, place handlebars on top, then the two remaining fixtures then bolt down and tighten.



***TIP: Be careful not to pinch cables**

FRONT END

Front Suspension and Steering

Before installing please make sure all wheel are at the correct tyre pressure which is located on the wall of the tyre.

THIS WILL BE REQUIRED ON BOTH SIDES LEFT AND RIGHT.



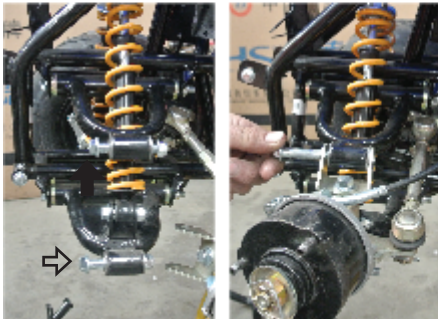
1.

Lift bottom swing arm into place at bottom of shock absorber.



2.

Insert bolt and attach swing arm to shock with bolt and nut provided, tighten bolt and nut.



3.

Remove bolts in swing arm. Line up swingarm with steering bracket, insert bolt and fasten with nut provided. Tighten bolt and nut.

CABLE FRONT DRUM BRAKE CHECK AND ADJUSTMENT

To check this you will need to raise the front of your quad bike and place on a stand if possible so the wheels leave the ground and can move freely. Manually rotate the front wheels one at a time. Checking if there is free movement of the wheels or if the brake pads are grabbing on the brake drums.

If there is free movement, when you apply the brake lever and the brakes immediately apply then you will not need to adjust the brakes.

If they are grabbing you will need to adjust the cable adjusters in the correct direction. Fig. 1 + 2



Fig. 1



Fig. 2

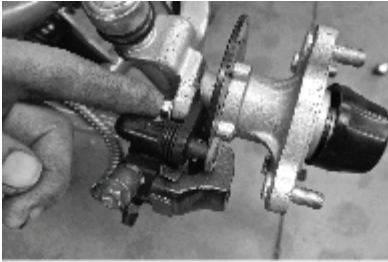
Brake too tight on either side – loosen the adjusters

Brakes too loose and not working when applying the hand lever – tighten the adjusters

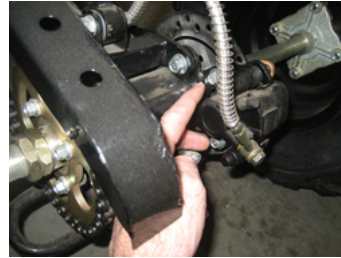
BEFORE ATTACHING WHEELS CHECK THE BRAKES

BRAKES CHECK

Check front and rear caliper bolts (Top and Bottom) and tighten.



FRONT



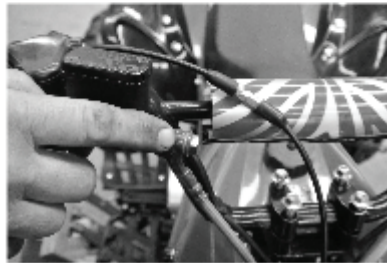
REAR

BRAKE HOSES

⚠ DO NOT OVERTIGHTEN ANY OF THE BRAKE HOSE BOLTS! 

Check and tighten the:

- Brake hose bolt attaching the brake hose to the caliper front-left/ right and rear.
- The "T" joint brake hoses.



**Image showing left.
DO ON BOTH SIDES**

- Both brake lever brake hoses on handlebars (if needed) (left and right)

FRONT WHEELS

Required left and right

Make sure the tyre tread pattern faces the correct direction.



Place wheel on the four hub bolts and fasted with nuts provided, tighten bolts.



Attach hub cap.

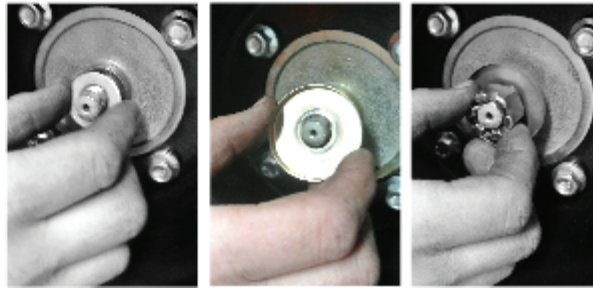
REAR WHEELS

Required left and right

Make sure the tyre tread pattern faces the correct direction.



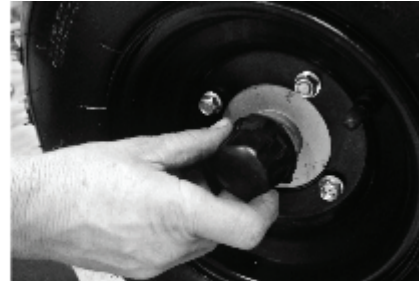
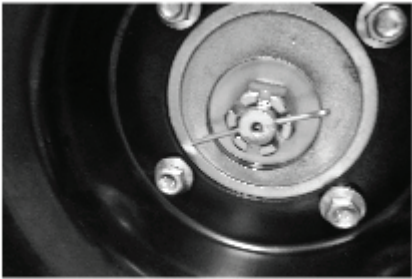
Place rear wheel spline on the rear axle



Place washer on axle, then hubcap washer, then castle nut.



Tighten castle nut, fix with split pin and bend split pin around nut.



Attach hub cap.

FRONT BUMPER BAR



Remove the four bolts from the frame.



Place bumper in place aligning the bolt holes.

Feed bolts through bumper into frame and tighten.

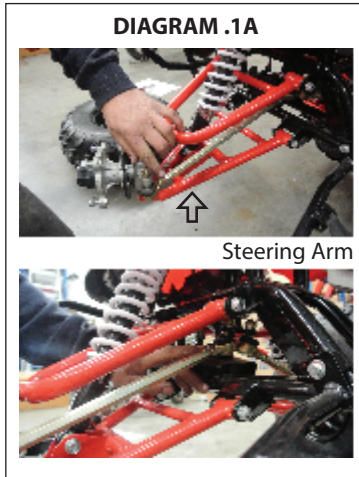
STEERING ALIGNMENT

Required left and right (if needed)

- The wheels may not be in the straight position so you may need to align these
- Have the handlebars in the straight position
- Look at the front wheels to make sure they are straight (with a slight toe in) if not you will need to.

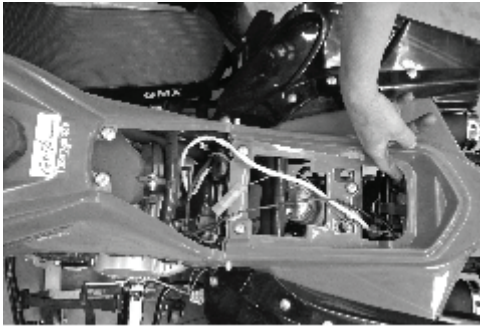
DIAGRAM 1A

- Locate the steering arm (Display shows with wheel removed, will need to be done with wheel attached)
- Loosen the two lock nuts at both ends of the tie rod arms arm so you can move the main steering arm.
- * These will both have opposite threads
- Attach a spanner to the steering arm and move until the wheel is straight
- Tighten the lock nuts back up



CONNECTING BATTERY

- Remove seat from quad bike by releasing clip under seat and lifting off
- Battery and terminals are located below the seat



Make sure when placing terminals on battery that the correct polarities are followed.

- Red for positive (+ sign on battery) and black for negative (- sign on battery)

DO NOT allow positive terminal lead to touch the metal frame.

- Check fuse on positive battery lead to make sure is intact

CHECKING OIL IN ENGINE

Please check oil in engine for correct level before starting. If engine oil is required please add or replace with 4 stroke oil (15-w40 motor cycle oil)

CHECK OVER BIKE

- Check all pre-assembled nuts and bolts as these have been found to be loose. It is the buyer's responsibility to check these are all secure before using the product
- We recommend using lock tight and the nuts can become loose over time with the vibration. Regularly check and tighten nuts and bolts
- Lubricate chain
- Look over all wires and make sure all plugs are connected and check for irregularities
- Throttle cable is moving freely through throttle

GOVERNOR CHECK

Your 4 stroke GMX product can be governed down to the minimum (except 2 stroke as these require minimum of 80%)

STARTING

- Turn key barrel on and depress the brake lever to check if the brake light illuminates to make sure the electrical system is working.
- When starting your GMX quad you will need to hold down the brake caliper as this is a starting safety feature.
- Place fuel in fuel tanks and check for leak in all of the fuel system.
- Turn the fuel tap to the on position.
- Turn the key barrel to the on position.
- The carburetor will have a choke lever located on the side, when starting leave in the up position and after the quad has warmed up (approx. 5-10 minutes) then place in the down position.
- Make sure the rear parking brake is on when starting your quad.
- Press the ignition button located on the left hand side of the handle bars and **Ride Away** .

START USING YOUR GMX BIKE

Once started, please let bike run 15-20 minutes prior to use.

ENJOY YOUR GMX BIKE!

If any questions or concerns please visit the link below

<http://www.goeasyaustralia.com.au/support-centre>

BRAKE ISSUE

Clean brake lines via compressed air if not resolved see below points.(Possibility air or not enough fluid in lines)

- Air in your lines or not enough fluid makes it almost impossible to generate hydraulic pressure so your brakes feel very soft.
- Check to see fluid levels are low or not. If low, then add more fluid.
- Grab a wrench and loosen the bleed bolt on your brakes just a tiny bit.
- Push down on your brakes until to start to feel some pressure and then hold on.
- Now loosen the bleed bolt and let the pressure take the air out before quickly tightening the bleed bolt again.
- Pump your brakes and hopefully you will have pressure. This whole process is called "bleeding your brakes"

If this doesn't work the first time, try again up to 4 times, if still no result your brakes may be out and need replacement

GOT NO SPARK

- Check spark plug for oil or residue, if found clean and dry and fit plug
- Connect spark plug to coil and place on something metal. If spark plug is working this will create a spark. If no spark please try new spark plug

If the replacement spark plug does not work, please see below points to eliminate the issue.

- Locate kill switch (front and rear), then remove kill switch and if sparks you have located issue, if not please see next point

CHECK STATOR

The first indication that you have a dead stator or magnet can be from a burnt smell or you can check with a multimeter. If resistance is approximately 100 ohms, then the stator is fine. If it is more or less, then it's on its way out. If it gives you nothing it's dead.

If you have a mate who has a similar bike which is working, then ask if you could test the CDI or ignition coil on it. If you don't, then take the item to your local small engine mechanic to get them tested.

Please check all the wiring housing and cup lings are connected.

If none of the above resolves the issue, this is an indication that the product needs to be assessed by a small engine mechanic.

GOT SPARK BUT BIKE WON'T RUN

Common issue for this is your bike is running rich or lean

Remove spark plug and have a good look at the colour of the tip, if the colour is;

1. white/whitish –than you're running lean (not enough fuel)
2. Black/Blackish –Then you're running rich (too much fuel)
3. Brown – Should indicate a healthy carburetor (not too lean or rich, just right)

-make sure that the carby manifold is tightened correctly with no air or gaps, if so please tighten.

-try spraying aero start in the air filter, than try starting the bike. If this starts the issue is resolved, if dies out please see below.

TEST IF BIKE IS RUNNING RICH OR LEAN.

1. Make sure your spark plug is clean
2. Take your bike for a 5 to 10 minute hard spin
3. Take the spark plug out and see what colour it is.

The carburetor needle could be too high or low, which could cause the bike to run rich or lean. If the bike is running rich, than you might want to lower the needle one notch and visa versa if it's running too lean.

OTHER COMMON ISSUES

- Retire old fuel
- Fuel does get old, it is recommended to drain fuel and replace with fresh fuel as fuel life expectancy is 1 month for 4 stroke.
- Knicked fuel line
- Fuel line knicked is due to the line being to short, replace with longer fuel line

CHOKE IN UPRIGHT POSITION

- If product is spluttered or stall this is generally because choke is in the upright position. Please only keep choke in the up position when warming up and then place down while riding.

CUTTING IN AND OUT

- Please remove air filter and give a good clean and place back in.

BIKE EXCESSIVELY WET?

- Ensure after each ride that the product is dried around all electrical components.
(Hint) Water replacement (DW40) spray on cup lings can help remove water)

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

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	Done
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.	
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

Chassis and suspension

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

Throttle operation

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

Fluid levels

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

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

Steering

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

Gear selectors

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

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

Maintenance check performed by:

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

Date:

Next service at:

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

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	Done
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.	
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.)

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Date:

Next service at: