

IMPORTANT MANUAL INFORMATION

FAILURE TO FOLLOW THE WARNINGS CONTAINED IN THIS MANUAL CAN RESULT IN SERIOUS INJURY OR DEATH.

Particularly important information is distinguished in this manual by the following notations:

The safety alert symbol means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!**

FAILURE TO FOLLOW THE WARNING instructions could result in severe injury or death

to the machine operator, a bystander or a person inspection or repairing the machine.

CAUTION: indicates special precautions that must be taken to avoid damage to the machine.

NOTE: A **NOTE** provides key information to make procedures easier or clearer.

CONTENTS

SAFETY INFORMATION	6
INFORMATION NOTICE	12
GETTING TO KNOW YOUR ATV	15
RIDE WITH CARE AND GOOD JUDGEMENT	16
Do not operate after consuming alcohol or drugs	17
Be careful where you ride	20
Do not ride on any public road, street, or highway	21
Know the terrain where you ride	22
TURNING YOUR ATV	36
CLIMBING UP HILL	38
RIDING DOWNHILL	43

CROSSING ASLOPE	47
RIDING OVER ROUGH TERRAIN	50
LOCATION OF THE WARNING LABELS	52
DESCRIPTION AND MACHINE IDENTIFICATION	58
VEHICLE IDENTIFICATION	60
CONTROL FUNCTIONS	64
Multi-function switch	67
The controls on this multi-function switch are	69
Choke Lever	71
THROTTLE LEVER	74
SPEED LIMITER	76
FRONT BRAKE LEVER	79
FRONT AND REAR BRAKES	81

REAR BRAKE LEVER	83
PARKING BRAKE	83
Brake pedal	84
Parking on a slope	86
FUEL	89
SEAT	90
PRE-OPERATION CHECKS	92
Warming up	93
Always perform the pre-operation for ...	93
Throttle lever	95
Fittings and fastener	95
Switches	95
IMPORTANT	96

Tires	101
Tire wear limit	101
Engine oil	103
Spark plug inspection	105
Air filter cleaning	106
EXHAUST SYSTEM	108
Fuse replacement	111
Accessories	113
Modifications	115
SPECIFICATIONS	116

SAFETY INFORMATION:

- This vehicle it handles differently from other vehicles including motorcycles and cars. A collision or rollover can occur quickly, even during routine maneuvers such as turning and riding on hills or over obstacles, if you fail to take proper precautions.

SEVERE INJURY OR DEATH can result if you do not follow these instructions:

- Read the manual and all labels carefully and follow the operating procedures described.
- Never operate this ATV without proper training or instructions.
- Never operate this ATV without wearing an approved motorcycle helmet that fits properly. You should wear eye protection (goggles or face shield), gloves, boots, long - sleeved shirt or jacket, and long pants.

- Never consume alcohol or drugs before or while operating this ATV.
- Never operate at speeds too fast for your skills or the conditions. Always go at a speed that is proper for the terrain, visibility and operating conditions, and your experience.
- Never attempt wheelies, jumps, or other stunts.
- Always inspect your ATV each time you use it to make sure it is in safe operating condition.
- Always follow inspection and maintenance procedures and schedules described in this manual.
- Always keep both hands on the handlebars and both feet on the floorboards of the ATV during operation.
- Always follow proper procedures for climbing hills as described in this manual. Check the terrain carefully before you start up any hill. Never climb hills with excessively slippery or loose surfaces. Shift your weight forward. Never open the

throttle suddenly or make sudden gear changes. Never go over the top of a hill at high speed.

- Always follow proper procedures for going down hills and for braking on hills as described in this manual. Check the terrain carefully before you start down any hill. Shift your weight backward. Never go down a hill at high speed. Avoid going down a hill at an angle that would cause the vehicle to lean sharply to one side. Go straight down the hill where possible.
- Always follow proper procedures for crossing the side of a hill as described in this manual.
- Avoid hills with excessively slippery or loose surfaces. Shift your weight to the up hillside of the ATV. Never attempt to turn the ATV around on any hill until you have mastered the turning technique described in this manual on level ground. Avoid crossing the side of a steep hill if possible.

- Always use proper procedures if you stall or roll backwards when climbing a hill. To avoid stalling, maintain a steady speed when climbing a hill. If you stall or roll backwards, follow the special procedure for braking described in this manual. Dismount on the uphill side or to a side if pointed straight uphill. Turn the ATV around and remount, following the procedure described in this manual.
- Always check for obstacles before operating in a new area. 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.

- Never operate an ATV in fast flowing water or in water deeper than that recommended in this manual. Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them several times to left friction dry out the linings.
- Always use the side and type tires specified in this manual. Always maintain proper tire pressure as described in this manual.
- Always modify an ATV through improper installation or use of accessories.
- Never exceed the stated load capacity for an ATV. Cargo should be properly distributed and securely attached. Reduce speed and follow instructions in this manual for cargo or pulling a trailer. Allow greater distance for braking.

Turn off the vehicle before refueling.

To avoid burns, do not touch any part of the engine or muffler.

Read this manual for the ATV rider carefully and completely.

Before operating your vehicle. Make sure you understand all instructions.

Pay close attention the warning and caution labels on the vehicle.

Please check your local riding laws and regulations before operation this vehicle.

Attempting to change the pre-set maximum speed may cause danger and will void the manufacturer's warranty. Always follow this age recommendation:

- A child under 6 years old should never operate an ATV with engine size 50 cc or greater.
- A child under 12 years old should never operate an ATV with engine size 70 cc or greater.

Do not operate after consuming alcohol or drugs.

Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the ATV.

Never operate the ATV on hills too steep for the ATV or for your abilities. Practice on smaller hills before attempting larger hills.

Always be careful when skidding or sliding. Learn to safely control skidding and sliding by practicing at low speeds and on level, smooth terrain. On extremely slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding or sliding out of control.

IMPORTANT NOTICE

This machine is designed and manufactured for OFF-ROAD use only. It is illegal and unsafe to operate this machine on any public street, road or highway.

This machine complies with all applicable OFF-ROAD noise level and spark arrester laws and regulations in effect at the time of manufacture.

Please check your local riding laws and regulations before operating this machine.

European Community

This warning applies only in the European Countries where on road usage is allowed.



WARNING

On road use:

- This vehicle is built for OFF-ROAD purposes only. It may be used for short distances on paved surfaces at reduced speed, in order to move the vehicle from an off-road location to another.
- When driving this vehicle on road, always refrain from speeding and substantially reduce vehicle speed when turning.
- Failure to do so can cause a loss of vehicle control, possibly resulting in serious injury.

⚠ WARNING

POTENTIAL HAZARD

Improper handling of gasoline.

WHAT CAN HAPPEN

Gasoline can catch fire and you could be burned.

HOW TO AVOID THE HAZARD

Always turn off the engine when refueling.

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 refueling.

Never refuel while smoking, or while in the vicinity of sparks, open flames, or other sources of ignition such as the pilot lights of water heaters and clothes dryers.

⚠ WARNING

POTENTIAL HAZARD

Starting or running the engine in a closed area.

WHAT CAN HAPPEN

Exhaust fumes are poisonous and may cause loss of consciousness and death within a short time.

HOW TO AVOID THE HAZARD

Always operate your ATV in an area with adequate ventilation.

GETTING TO KNOW YOUR ATV

This ATV is for recreation use. This manual provides general ATV riding instructions for recreational riding. The skills and techniques described in this manual, however, are appropriate for all types of riding. Riding your ATV requires special skills acquired through practice over a period of time.

Take the time to learn the basic techniques well before attempting more difficult maneuvers. Riding your new ATV can be a very enjoyable activity, providing you with hours of pleasure. But it is essential to familiarize yourself with the operation of the ATV to achieve the skill necessary to enjoy riding safely. Before you begin to ride, be sure you have read this Owner's Manual completely and understand the operation of the controls. Please also read all caution and warning labels on your ATV.

RIDE WITH CARE AND GOOD JUDGEMENT

Get training if you are inexperienced.

Beginners should get training from a certified instructor. Become familiar with this ATV at slow speeds first, even if you are an experienced operator. Do not attempt to operate at maximum performance until you are totally familiar with the ATV's handling and performance characteristics.

Select a large, flat area off-road to become familiar with your ATV. Make sure that this area is free of obstacles and other riders. You should practice control of the throttle, brakes, shifting procedures, and turning techniques in this area before trying more difficult terrain.

Riding your ATV requires skills acquired through practice over a period of time.

Take the time to learn the basic techniques well before attempting more difficult maneuvers.

Do not operate after consuming alcohol or drugs.

Operator's performance capability is reduced by the influence of alcohol or drugs.



Not recommended for youth under 16 years of age.

WARNING

POTENTIAL HAZARD

Operating this ATV after consuming alcohol or drugs.

WHAT CAN HAPPEN

Could seriously affect your judgment.
Could cause you to react more slowly.
Could affect your balance and perception.
Could result in an accident.

HOW TO AVOID THE HAZARD

Never consume alcohol or drugs before or while driving this ATV.

Be careful where you ride.

This ATV is designed for off-road use only.

Riding on paved surfaces can cause loss of control.

⚠ WARNING

POTENTIAL HAZARD

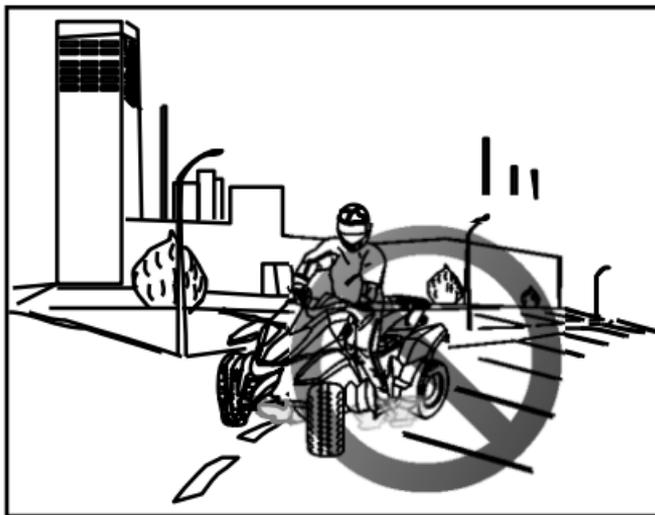
Operating this ATV on paved surfaces.

WHAT CAN HAPPEN

ATVs are designed for off-road use only. Paved surfaces may seriously affect handling and control of the ATV, and may cause the vehicle to go out of control.

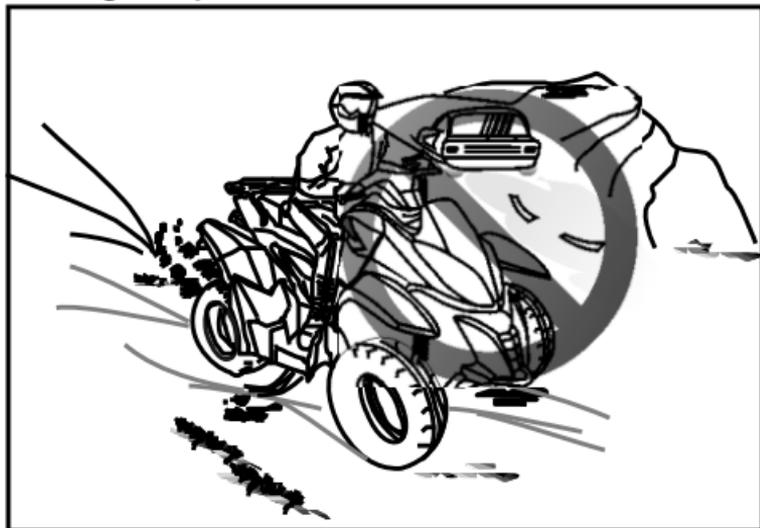
HOW TO AVOID THE HAZARD

Always avoid paved surfaces, including



Do not ride on any public road, street, or highway.

Riding on public roads can result in collisions with other vehicles.



Know the terrain where you ride.

Ride cautiously in unfamiliar areas. Stay alert for holes, rocks, or roots in the terrain, and other hidden hazards which may cause the ATV to upset.

WARNING

POTENTIAL HAZARD

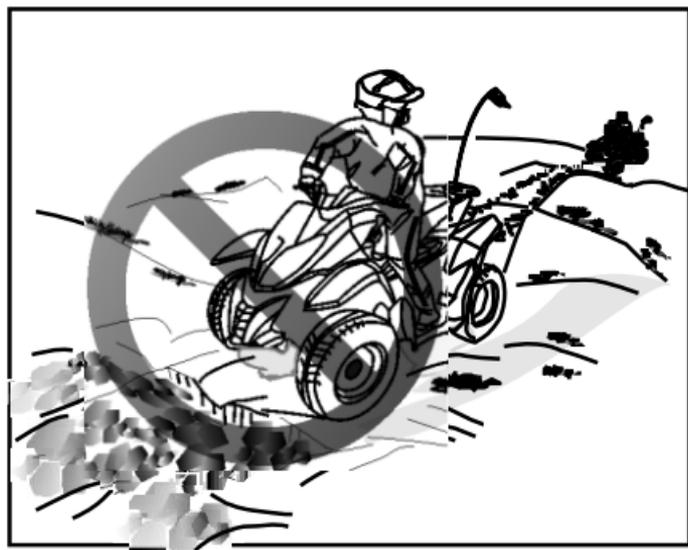
Failure to use extra care when operating this ATV on unfamiliar terrain.

WHAT CAN HAPPEN

You can come upon hidden rocks, bumps, or holes, without enough time to react. Could result in the ATV overturning or going out of control.

HOW TO AVOID THE HAZARD

Go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the ATV.



▲ WARNING

POTENTIAL HAZARD

Failure to use extra care when operating on excessively rough, slippery or loose terrain.

WHAT CAN HAPPEN

Could cause loss of traction or vehicle control, which could result in an accident, including an overturn.

HOW TO AVOID THE HAZARD

Do not operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control the ATV on such terrain. Always be especially cautious on these kinds of terrain.



Avoid wheelies and jumping. You may lose control of the ATV or overturn.

WARNING

POTENTIAL HAZARD

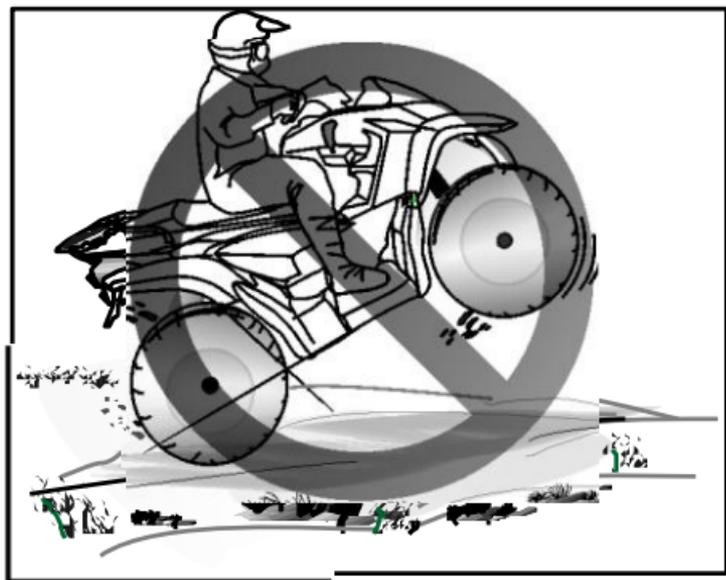
Attempting wheelies, jumps, and other stunts.

WHAT CAN HAPPEN

Increases the chance of an accident, including an overturn.

HOW TO AVOID THE HAZARD

Never attempt stunts, such as wheelies or jumps. Don't try to show off.





WARNING

POTENTIAL

Stalling, rolling backwards or improperly dismounting while climbing a hill.

WHAT CAN HAPPEN

Could result in vehicle overturning.

HOW TO AVOID HAZARD

Use proper gear and maintain steady speed when climbing a hill.

If you lose all forward speed:

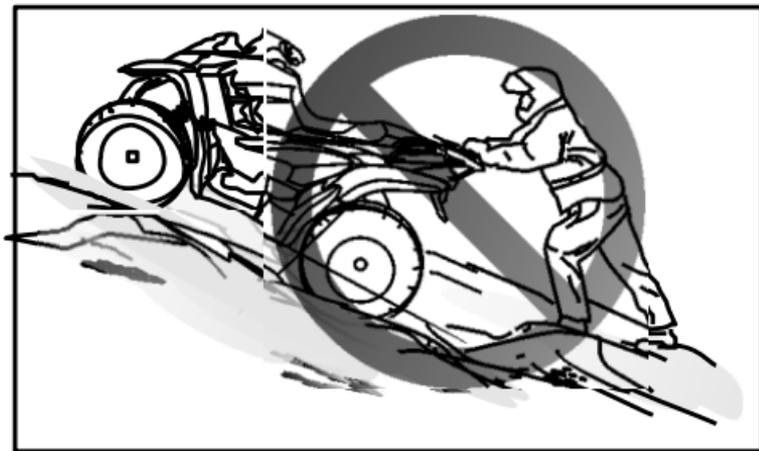
Keep your weight uphill. Never open the throttle suddenly or make sudden apply the brakes.

Lock parking brake after you are stopped
Dismount on uphill side, or to a side if pointed straight uphill.

If you begin rolling backwards:

Keep your weight uphill. Never open the throttle suddenly or make sudden gear changes.

The vehicle could flip over backwards.
Never apply the rear brake while rolling backwards.
Apply the front brake gradually.
When full stopped, apply rear brake as well and lock parking brake.
Dismount on uphill side, or to a side if pointed straight uphill.
Turn the vehicle around and remount, following the procedure described further in this manual.



⚠ WARNING

POTENTIAL HAZARD

Stalling, rolling backwards or improperly dismounting while climbing a hill.

WHAT CAN HAPPEN

Could result in the ATV overturning.

HOW TO AVOID THE HAZARD

Use proper gear and maintain steady speed when climbing a hill.

If you lose all forward speed:

Keep weight uphill. Apply the brakes. Lock the parking brake, after you are stopped.

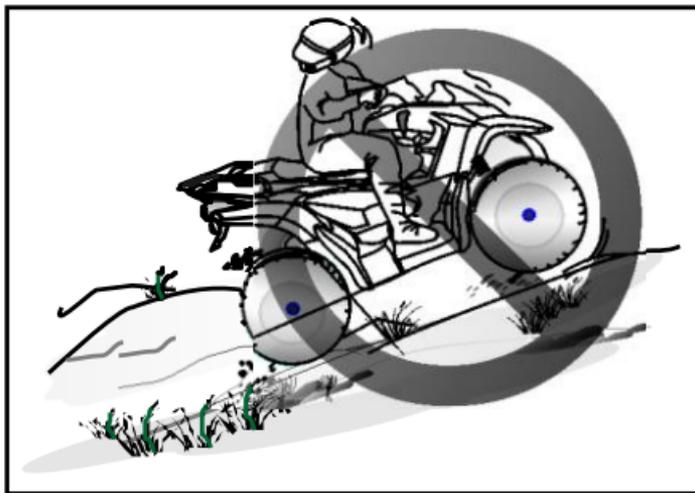
If you begin rolling backwards:

Keep weight uphill.

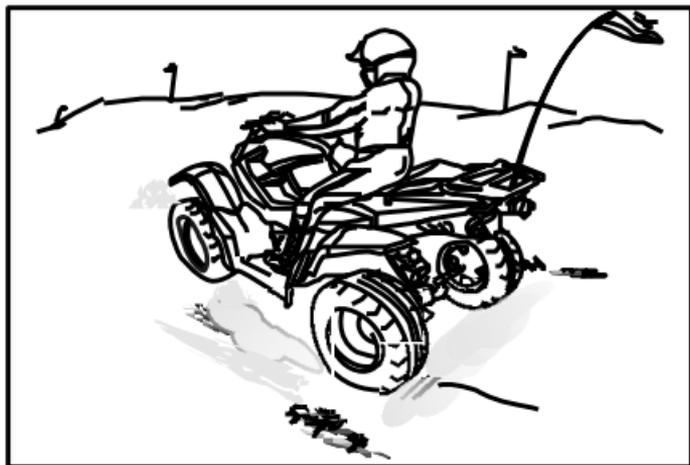
Never apply the rear brake while rolling backwards.

Apply ³¹the front brake.

When fully stopped, apply rear brake as well, and then lock the parking brake. Dismount on uphill side or to a side if pointed straight uphill. Turn the ATV around and remount, following the procedure described in the Owner's Manual.



When riding in an area where you might not easily be seen, such as desert terrain, mount a caution flag on the ATV. DO NOT use the flag pole bracket as a trailer hitch.



⚠ WARNING

POTENTIAL HAZARD

Operating in areas where you might not be seen by other off-road vehicles.

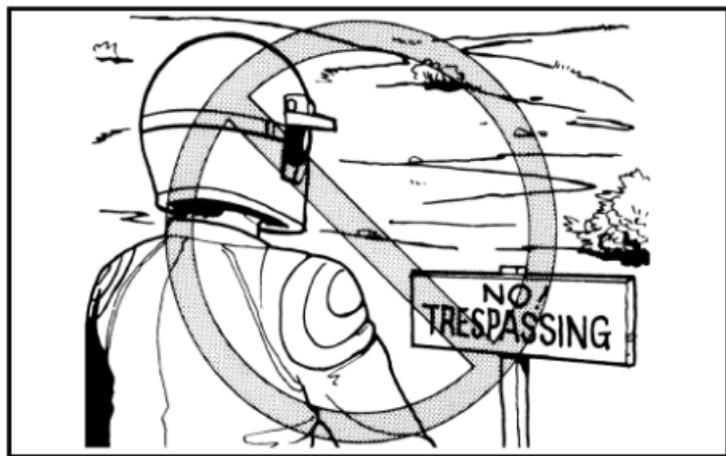
WHAT CAN HAPPEN

You could be in a collision. You could be injured.

HOW TO AVOID THE HAZARD

Always mount a caution flag on the ATV to make you more visible. Watch carefully for other vehicles.

Do not ride in areas posted "NO TRESPASSING". Do not ride on private property without getting permission.



TURNING YOUR ATV

To achieve maximum traction while riding off-road, the two rear wheels are mounted solidly on one axle and turn together at the same speed. Therefore, unless the wheel on the inside of the turn is allowed to slip or lose some traction, the ATV will resist turning. A special turning technique must be used to allow the ATV to make turns quickly and easily. It is essential that this skill be learned first at low speed. As you approach a curve, slow down and begin to turn the handlebars in the desired direction. As you do so, put your weight on the footboard to the outside of the turn)opposite your desired direction(and lean your upper body into the turn. Use the throttle to maintain an even speed through the turn.

This maneuver will let the wheel on the inside of the turn slip slightly, allowing the ATV to make the turn properly.

WARNING

POTENTIAL HAZARD

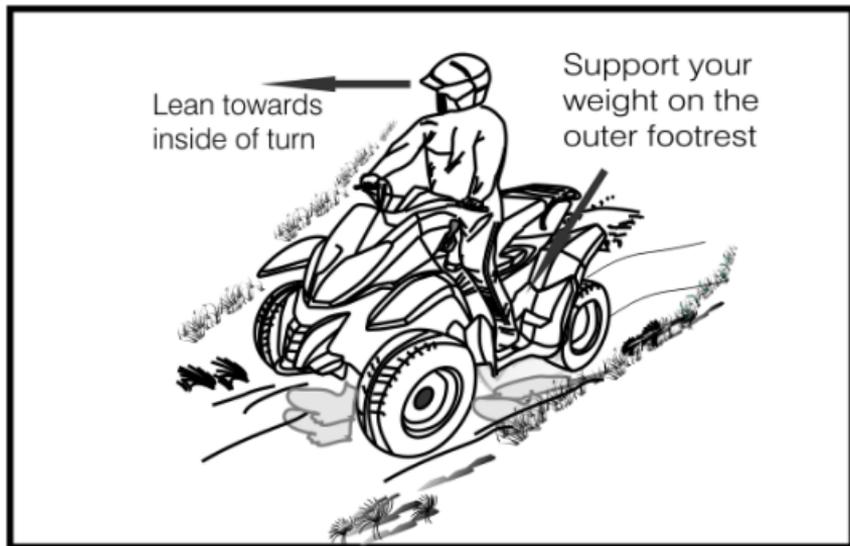
Turning improperly.

WHAT CAN HAPPEN

The ATV could go out of control, causing a collision or overturn.

HOW TO AVOID THE HAZARD

Always follow proper procedures for turning as described in this Owner's Manual. Practice turning at low speeds before attempting to turn at faster speeds. Do not turn at speeds too fast for your skills or the conditions.



CLIMBING UPHILL

Use proper riding techniques to avoid vehicle overturns on hills. Be sure that you can maneuver your ATV well on flat ground before attempting any incline and then practice riding first on gentle slopes. Try more difficult climbs only after you have developed your skill. In all cases avoid inclines with slippery or loose surfaces, or obstacles that might cause you to lose control. It is important when climbing a hill to make sure that your weight is transferred forward on the ATV. This can be accomplished by leaning forward and, on steeper inclines, standing on the footboards and leaning forward over the handlebars.

WARNING

POTENTIAL HAZARD

Operating on excessively steep hills.

WHAT CAN HAPPEN

The vehicle can overturn more easily on extremely steep hills than on level surfaces or small hills.

HOW TO AVOID THE HAZARD

Never operate the ATV on hills too steep for the ATV or for your abilities. Practice on smaller hills before attempting large hills.

WARNING

POTENTIAL HAZARD

Climbing hills improperly.

WHAT CAN HAPPEN

Could cause loss of control or cause the ATV to overturn.

HOW TO AVOID THE HAZARD

Always follow proper procedures for climbing hills as described in this Owner's Manual.

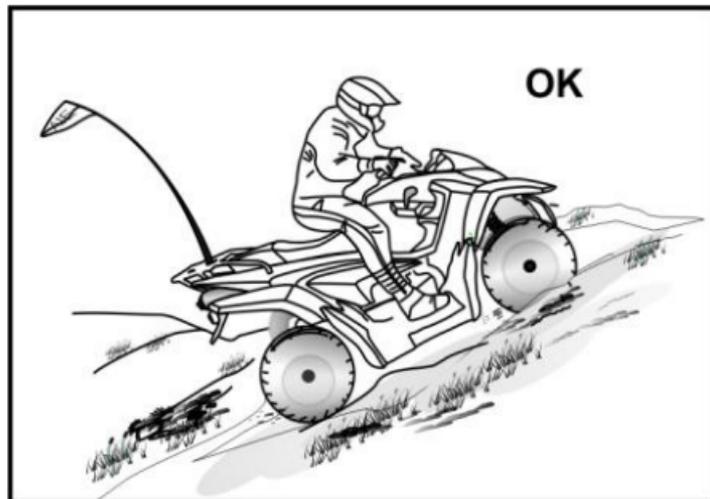
Always check the terrain carefully before you start up any hill.

Never climb hills with excessively slippery or loose surfaces.

Shift your weight forward.

Never open the throttle suddenly or make sudden gear changes.

The ATV could flip over backwards.
Never go over the top of any hill at high speed.
An obstacle, a sharp drop, or another vehicle or person could be on the other side of the hill.



If you are climbing a hill and you find that you have not properly judged your ability to make it to the top, you should turn the ATV around while you still have forward motion (provided you have the room to do so) and go down the hill.

WARNING

POTENTIAL HAZARD

Improperly crossing hills or turning on hills.

WHAT CAN HAPPEN

Could cause loss of control or cause the ATV to overturn.

HOW TO AVOID THE HAZARD

Never attempt to turn the ATV around on any hill until you have mastered the turning technique as described in the Owner's Manual on level ground. Be very careful when turning on any hill.

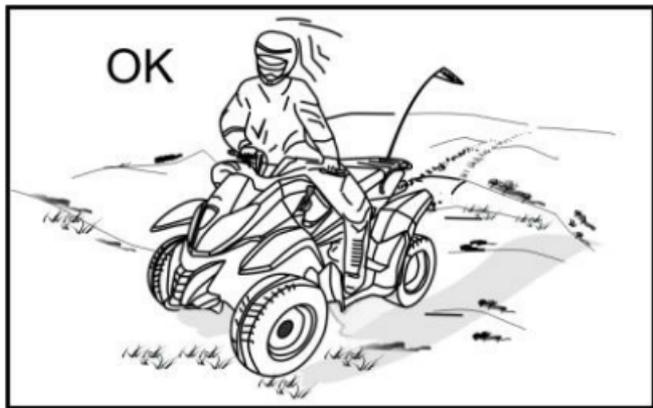
Avoid crossing the side of a steep hill if possible.

When crossing the side of a hill:

Always follow proper procedures as described in the Owner's Manual.

Avoid hills with excessively slippery or loose surfaces.

Shift your weight to the uphill side of the ATV.



RIDING DOWNHILL

When riding your ATV downhill, shift your weight as far to the rear and uphill side of the ATV as possible. Move back on the seat and sit with your arms straight. Choose a

low gear which will allow the engine compression to do most of the braking for you. Improper braking may cause a loss of traction.

⚠ WARNING

POTENTIAL HAZARD

Going down a hill improperly.

WHAT CAN HAPPEN

Could cause loss of control or cause the ATV to overturn.

HOW TO AVOID THE HAZARD

Always follow proper procedures for going down hills as described in this Owner's Manual.

⚠ WARNING

POTENTIAL HAZARD

Going down a hill improperly.

WHAT CAN HAPPEN

Could cause loss of control or cause the ATV to overturn.

HOW TO AVOID THE HAZARD

Always follow proper procedures for going down hills as described in this Owner's Manual.



CROSSING A SLOPE

Traversing a sloping surface on your ATV requires you to properly position your weight to maintain proper balance. Be sure that you have learned the basic riding

skills on flat ground before attempting to cross a sloping surface. Avoid slopes with slippery surfaces or rough terrain that may upset your balance.

⚠ WARNING

POTENTIAL HAZARD

Improperly crossing hills or turning on hills.

WHAT CAN HAPPEN

Could cause loss of control or cause the ATV to overturn.

HOW TO AVOID THE HAZARD

Never attempt to turn the ATV around on any hill until you have mastered the turning technique as described in the Owner's

Manual on level ground. Be very careful when turning on any hill. Avoid crossing the side of a steep hill if possible.

When crossing the side of a hill:

Always follow proper procedures as described in the Owner's Manual. Avoid hills with excessively slippery or loose surfaces. Shift your weight to the uphill side of the ATV.



CROSSING THROUGH SHALLOW WATER

The ATV can be used to cross slow moving, shallow water of up to a maximum of 20 cm (7.9 Inches) in depth. Before entering the water, choose your path carefully. Enter

where there is no sharp drop off, and avoid rocks or other obstacles which may be slippery or upset the ATV. Drive slowly and carefully.

WARNING

POTENTIAL HAZARD

Operating this ATV through deep or fast flowing water.

WHAT CAN HAPPEN

Tires may float, causing loss of traction and loss of control, which could lead to an accident.

HOW TO AVOID THE HAZARD

Never operate this ATV in fast flowing water or in water deeper than that specified in your Owner's Manual.

Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them several times to let friction dry out the linings.



RIDING OVER ROUGH TERRAIN

Riding over rough terrain should be done with caution.

Look out for obstacles which could cause damage to the ATV or could lead to an upset or accident.

Be sure to keep your feet firmly mounted on the footboards at all times.

Avoid jumping the ATV as loss of control and damage to the ATV may result.

⚠ WARNING

POTENTIAL HAZARD

Improperly operating over obstacles.

WHAT CAN HAPPEN

Could cause loss of control or a collision.

Could cause the ATV to overturn.

HOW TO AVOID THE HAZARD

Before operating in a new area, check for obstacles.

Never attempt to ride over large obstacles, such as large rocks or fallen trees. When you go over obstacles, always follow proper procedures as described in the Owner's Manual.

LOCATION OF THE WARNING LABELS

Read and understand all of the WARNING labels on your machine. They contain important information for safe and proper operation of your ATV.

Never remove any labels from your ATV. If a label becomes difficult to read or comes off, a replacement label is available from your ATV dealer.]

NOTE:

The vehicle you have purchased may differ slightly from shown in the figures of this manual.

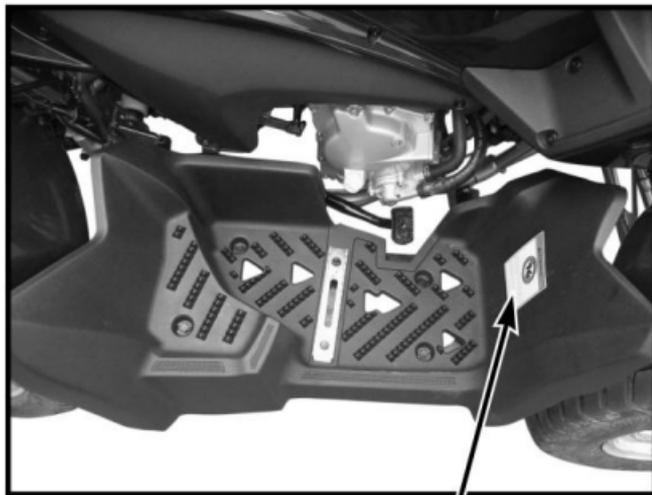
LEFT FOOTBOARD



(Label 2,label3)

(Label 4,Label 5)

RIGHT FOOTBOARD



Label 1

Label 1



Label 2



Label 3
(EEC version only)



(EEC version only) **Label 4**



Label 5



WARNING

**IMPROPER TIRE PRESSURE OR OVERLOADING
CAN CAUSE LOSS OF CONTROL.
LOSS CONTROL CAN RESULT IN SEVERE
INJURY OR DEATH.**

OPERATING TIRE PRESSURE: Set with tires cold

Recommend : 24.6 kPa , 3.5 psi

Minimum : 21.0 kPa , 3 psi

Never set tire pressure below minimum.

It could cause the tire to dislodge from the rim.

LOADING:

Suggested Maximum Vehicle Load: 200kg

Includes weight of operator, cargo and accessories.

87505-CAK-010

DESCRIPTION AND MACHINE IDENTIFICATION



- | | |
|---------------------|-------------------------------|
| 1. Seat | 9. Front brake lever |
| 2. Front cover | 10. Throttle lever |
| 3. Fuel valve | 11. Main switch |
| 4. Rear wheel | 12. Fuel tank cap |
| 5. Footboard | 13. Handlebar switches |
| 6. Front wheel | 14. Rear mirror |
| 7. Rear brake lever | 15. Direction indicator light |
| 8. Parking brake | 16. Carrier |



NOTE:

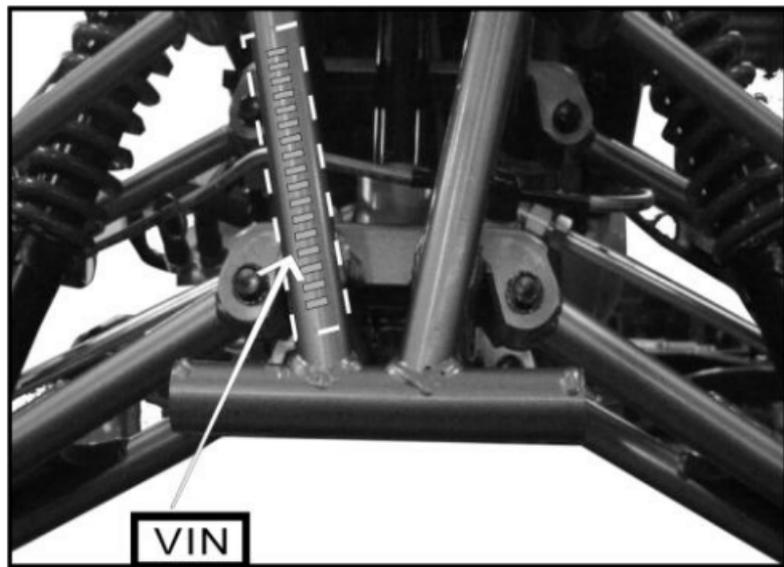
The machine you have purchased may differ slightly from those shown in the figures of this manual.

VEHICLE IDENTIFICATION NUMBER LOCATION

The vehicle identification number is stamped into the front of frame.

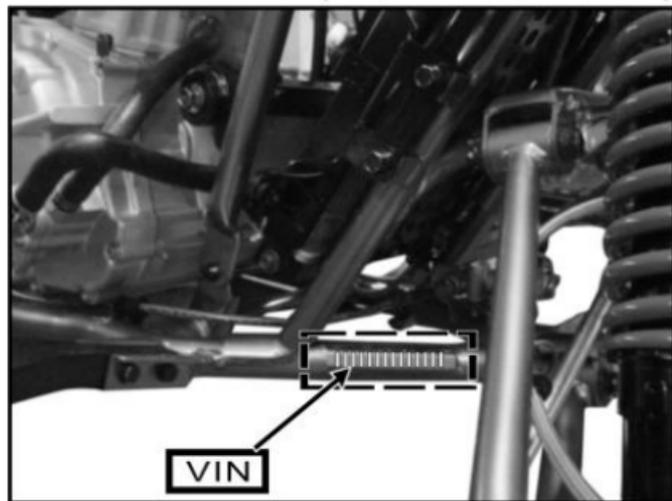
The main components of your vehicle)engine and frame(are identified by different serial

numbers. It may sometimes become necessary to locate these numbers for warranty urposes or to trace your vehicle in the event of loss.



The vehicle identification number is stamped into the right side and lower of frame.

(EEC VERSION ONLY)

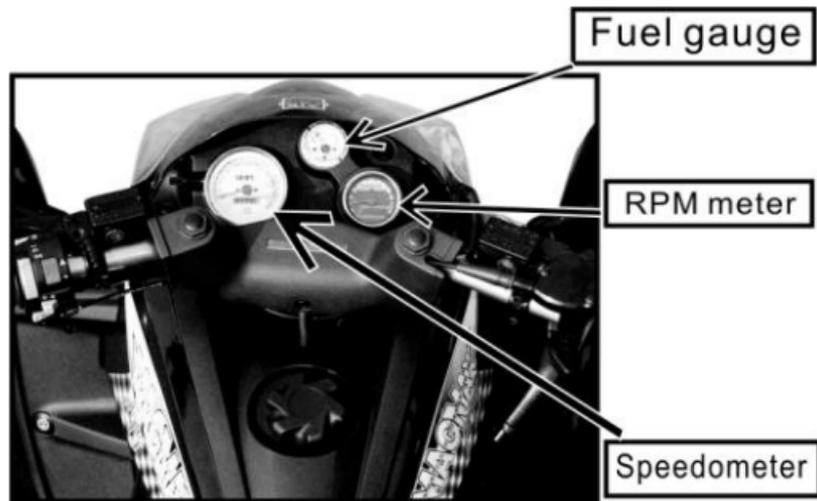
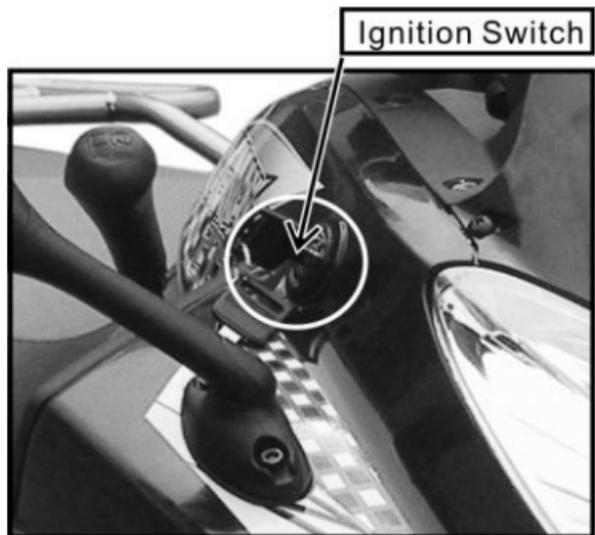


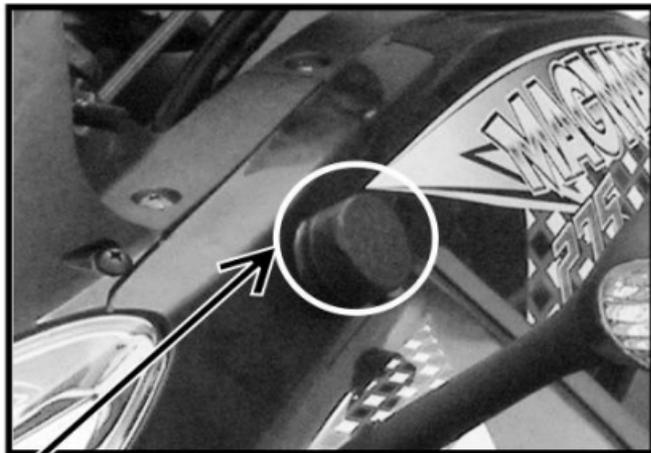
CONTROL FUNCTIONS

IGNITION SWITCH

Functions of the respective switch positions areas follows: ON: The engine can be started only at this position.

OFF: All electrical circuits are switched off. The key can be removed in this position.

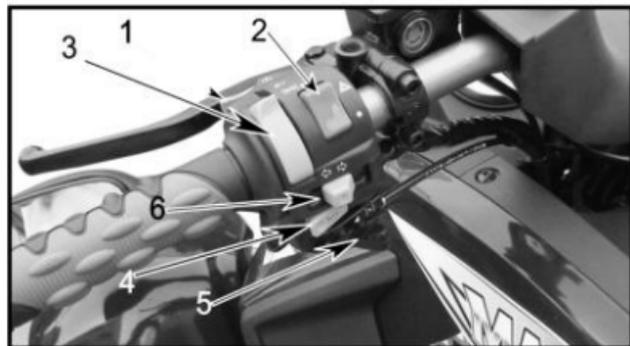




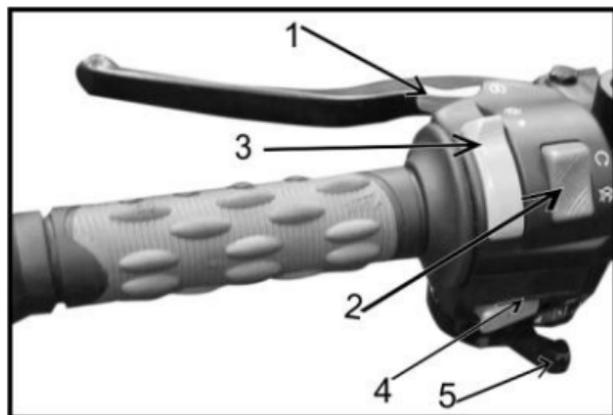
DC 12V-volt power socket

Multi-function switch

(EEC version only)



1. Engine Start Button
2. Hazard warning switch
3. Head lamp Switch
4. Horn Button
5. Choke Lever
6. Direction Indicator Switch



- 1.Engine Start Button
- 2.Engine Stop Switch
- 3.Headlamp Switch
- 4.Horn Button
- 5.Choke Lever

The controls on this multi-function switch are:

Engine Start Button

The starter motor cranks the engine when this switch is depressed.

Engine Stop Switch

Make sure that the engine stop switch is in the "RUN" position. The engine stop switch controls ignition and can be used at all times to stop the engine, especially in an emergency.

The engine will not start or run when the engine stop switch is turned to "OFF".

NOTE:

1. If the starter switch is pushed with the main switch "ON" and the engine stop switch "OFF" the starter motor will be activated but the engine will not start. To start the engine, be sure to position the engine stop switch at "⤴".

2. While engine can be stopped by turning ignition key OFF, we recommend the engine be stopped by the engine stop switch.

Horn Button

This button is located on the multi-function switch housing.

To activate horn, press the button. Release immediately after horn is set off.

Headlamp Switch

It is located on top of the multi-function switch.

Direction Indicator Button

(EEC version only)

This switch is located on the multi-function switch housing.

Hazard Warning Switch

(EEC version only)

It is located on top of the multi-function switch.

Device fitted to the vehicle that operates a simultaneous flashing of all direction indicators, used when the vehicle is stationary to indicate that the vehicle is temporarily obstructing traffic.

To activate the device, use the toggle warning switch.

Choke Lever

Located at bottom of multi-function switch.
This device features a variable lever to ease cold start.
Position OFF is for normal use with a warm engine.
The full choke position is used for lower engine temperature.
The other position between OFF and FULL position, will be use depending on the engine temperature.



CHOKE LEVER IN THE OFF POSITION



CHOKE LEVER IN THE FULL CHOKE POSITION

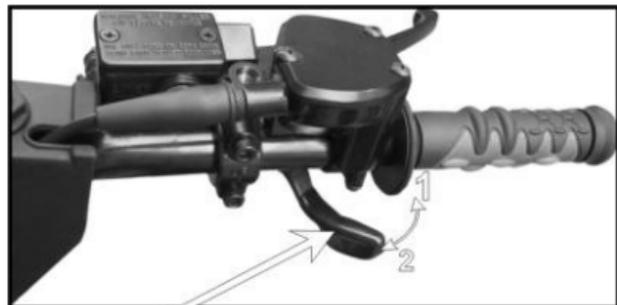
THROTTLE LEVER

Located on the right side of handlebar. Once the engine is running, movement of the throttle lever will increase the engine speed.

Regulate the speed of the machine by varying the throttle position. Because the throttle is

spring-loaded, the machine will decelerate, and the engine will return to an idle any time the hand is removed from the throttle lever

Before starting the engine, check the throttle to be sure it is operating smoothly. Make sure it returns to the idle position as soon as the lever is released.



Throttle lever

1. To accelerate
2. To decelerate

⚠ WARNING

POTENTIAL HAZARD

Malfunction of throttle.

WHAT CAN HAPPEN

The throttle could be hard to operate, making it difficult to speed up or slow down when you need to. This could cause an accident.

HOW TO AVOID THE HAZARD

Check the operation of the throttle lever before you start the engine. If it does not work smoothly, check for the cause. Correct the problem before riding the ATV. Consult your dealer if you can't find or solve the problem yourself.

SPEED LIMITER

The speed limiter keeps the throttle from fully opening, even when the throttle lever is pushed to the maximum. Screwing in the adjust limits the maximum engine power available and decreases the maximum speed of the ATV.

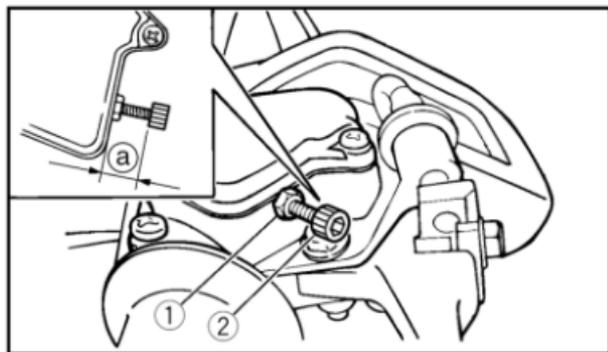
Your ATV was delivered with an adjustable speed limiter. We recommend that all beginners start off with the speed limiter screw turned in while they learn.

The limiter screw may be gradually turned out to increase maximum speed as the beginner becomes more familiar with operating the ATV. Adjusting for maximum throttle lever movement will cause the engine to run roughly at higher speeds.

CAUTION:

1. Improper adjust the speed and limiter throttle, the throttle cable could be damaged.
2. Improper throttle operation could result losing control, have an accident or be injured.

3. Do not turn the speed adjuster out more than 20mm (0.8 in).



1. Locknut 2. Adjuster a. 20 mm (0.8 inch)

WARNING

POTENTIAL HAZARD

Improper adjustment of the speed limiter and throttle.

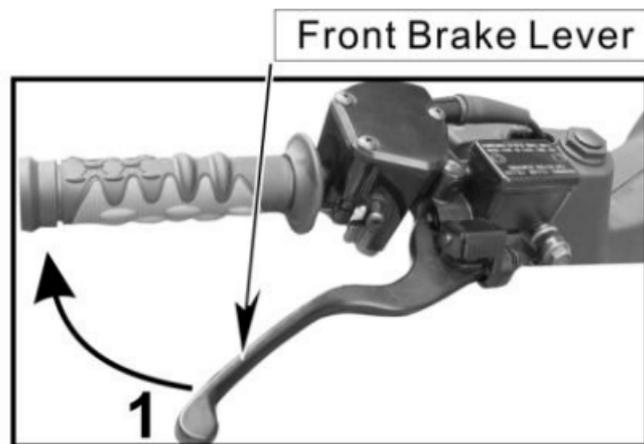
WHAT CAN HAPPEN

The throttle cable could be damaged. Improper throttle operation could result. You could lose control, have an accident or be injured.

HOW TO AVOID THE HAZARD

Do not turn the speed adjuster out more than 20mm (0.8in).

FRONT BRAKE LEVER



1.To apply brake

⚠ WARNING

POTENTIAL HAZARD

Operating with improperly serviced or adjusted brakes.

WHAT CAN HAPPEN

You could lose braking ability, which could lead to an accident.

HOW TO AVOID THE HAZARD

After servicing:

Make sure the brakes operate smoothly and that the free play is correct.

Make sure the brakes do not drag.

Replacement of brake components requires professional knowledge.

These procedures should be performed by dealer.

FRONT AND REAR BRAKES

1. Brake levers

Check for correct free play in the brake levers. If the free play is incorrect, adjust it. Check operation of the levers. They should move smoothly and there should be a firm feeling when the brake is applied. If not, have the machine inspected by your dealer.

2. Brake operation

Test the brakes at slow speed after starting out to make sure they are working properly. If the brakes do not provide proper braking performance, inspect the brakes for wear.

WARNING

POTENTIAL HAZARD

Failure to inspect the ATV before operating.

Failure to properly maintain the ATV.

WHAT CAN HAPPEN

To increases the possibility of an accident or equipment damage.

HOW TO AVOID THE HAZARD

Always inspect your ATV each time you use it to make sure the ATV is in safe operating condition.

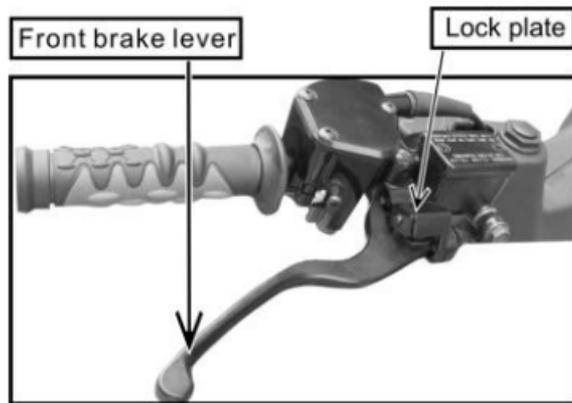
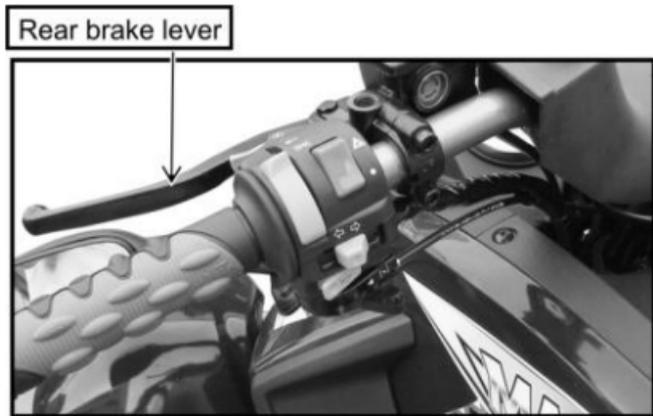
Always follow the inspection and maintenance procedures and schedules described in the Owner's Manual.

REAR BRAKE LEVER

The rear brake lever is located on the left side of handlebar. When compressed, the rear brakes is applied. When released, it should automatically return to its original position. Braking effect is proportional to the force applied on the lever and to the type and condition of the terrain.

PARKING BRAKE

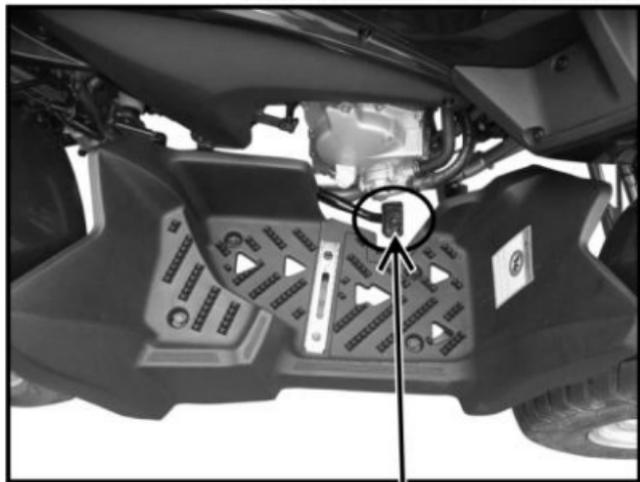
Use the parking brake when you have to start the engine or park the vehicle, especially on aslope. Apply the rear brake lever and push down the lock plate to apply the parking brake. Squeeze the rear brake lever to release the parking brake.



Brake pedal

The brake pedal is located on the right side of the vehicle. Push down on the pedal to control the front and rear brake at the same time.'

RIGHT FOOTBOARD



Brake pedal

Parking on a slope

Parking

When parking, stop the engine and shift into neutral gear. Apply the parking brake.

⚠ WARNING

POTENTIAL HAZARD

Parking on a hill or other incline.

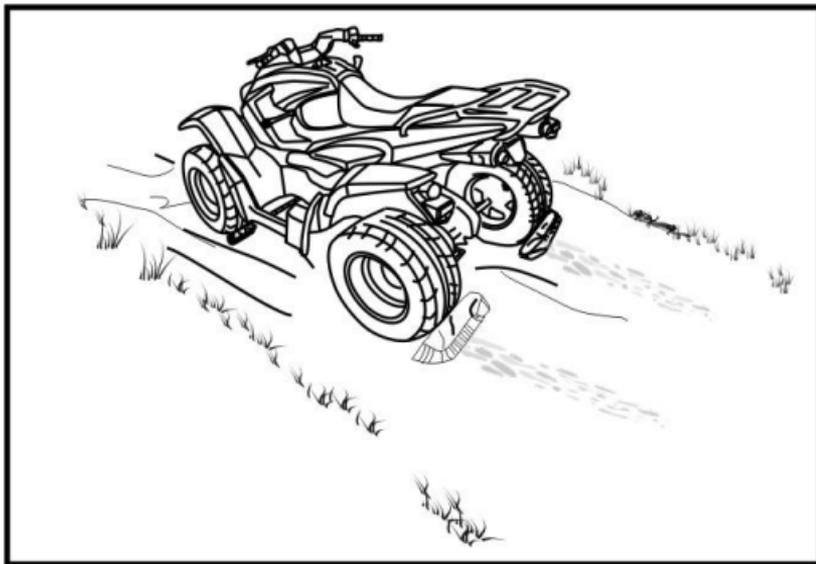
WHAT CAN HAPPEN

The ATV could roll out of control, increasing the chance of an accident.

HOW TO AVOID THE HAZARD

Avoid parking on hills or other inclines. If you must park on an incline, stop the engine and apply the parking brake, and block the front and rear wheels with rocks or other objects.

Do not park the ATV at all on hills that are so steep you could not walk up them easily.



WARNING

POTENTIAL HAZARD

Riding with improperly operating brakes.

WHAT CAN HAPPEN

You could lose braking ability, which could lead to an accident.

HOW TO AVOID THE HAZARD

Always check the brakes at the start of every ride. Do not ride the ATV if you find any problem with the brakes. If a problem can not be corrected by the adjustment procedures provided in this manual, have the ATV inspected by your dealer.

FUEL

Make sure there is sufficient gasoline in the tank.

Recommended fuel:

Unleaded gasoline only.

Fuel tank capacity:

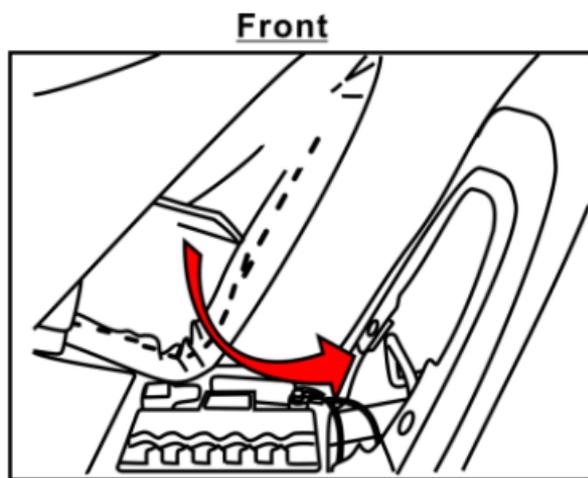
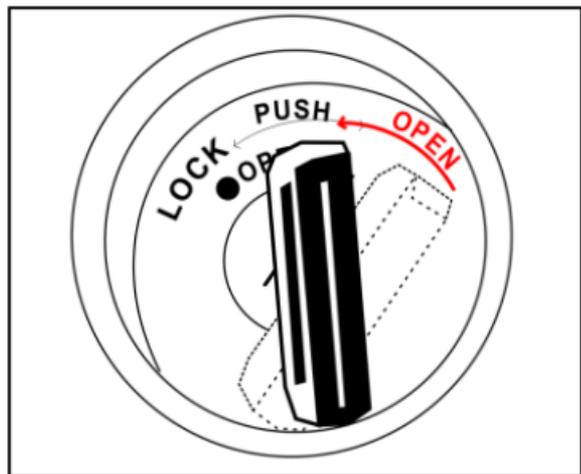
Total: 12 L

CAUTION:

Use only unleaded gasoline. The use of leaded gasoline will cause severe damage to internal engine parts, such as the valves and piston rings, as well as to the exhaust system.

SEAT

To remove the seat, we should turn main key in an anticlockwise direction (please note: do not push key)



To install the seat, insert the projection on the front of the seat into the seat holder and push down on the seat at the rear.

NOTE:

Make sure that the seat is securely fitted.

PRE-OPERATION CHECKS

Before you ride, know your ATV. Make sure you are familiar with all controls and their operation.

Check the ATV's condition before)and after(every ride.

It only takes a few minutes and could save your life.

- Check fuel level.
- Check tires condition and pressure.
- Check throttle for smooth opening and closing.
- Check steering to see that the wheels can turn properly.
- Check brakes operation.

- Check the drive chain's condition and slack.
- Check engine stop switch for good functioning.
- Check all nuts, bolts and other fasteners.

Warming up

To get maximum engine life, always warm up the engine before starting off. Never accelerate hard with a cold engine! To see whether or not the engine is warm, check if it responds to the throttle normally with the choke lever turned off.

Always perform the pre-operation for safety and proper care of the ATV.

WARNING

POTENTIAL HAZARD

Failure to inspect the ATV before operating.
Failure to properly maintain the ATV.

WHAT CAN HAPPEN

Increases the possibility of an accident or equipment damage.

HOW TO AVOID THE HAZARD

Always inspect your ATV each time you use it to make sure the ATV is in safe operating condition.

Always follow the inspection and maintenance procedures and schedules described in the Owner's Manual.

WARNING

POTENTIAL HAZARD

Operating this ATV with improper tires, or with improper or uneven tire pressure.

WHAT CAN HAPPEN

Use of improper tires on this ATV, or operation of this ATV with improper or uneven tire pressure, may cause loss of control, increasing your risk of an accident.

HOW TO AVOID THE HAZARD

Always use the size and type tires specified in the Owner's Manual for this vehicle.

Always maintain proper tire pressure as described in the Owner's Manual.

THROTTLE LEVER

Check to see that the throttle lever operates correctly. It must open smoothly and spring back to the idle position when released. Have a your dealer repair as necessary for proper operation.

Fittings and fasteners

Always check the tightness of chassis fitting sand fasteners before a ride. Take the machine to a Yamaha dealer or refer to the Service Manual for correct tightening torque.

SWITCHES

Check the operation of all switches. Repair as necessary for proper operation.

BATTERY INSTRUCTION

This is a sealed type 12 volt battery. No liquid level inspection is ever needed and no refilling water will be required.

CAUTION:

1. When the machine is not to be used for a month or longer, remove the battery and store it in a cool, dark place. Completely recharge the battery before reusing.
2. If the battery is to be stored for a longer period than the above, check the specific gravity at least once a month and recharge the battery when it is too low.

3. Always make sure the connections are correct when putting the battery back in the machine. Make sure the breather hose is properly connected and is not damaged or obstructed.

IMPORTANT:

- Never interfere with the sealed state of the battery.
- Check the charging condition. With a voltmeter (normal charging voltage should be above 12.8V).
- This battery may be installed in an vehicle only if it replaces a similar sealed type battery.
Because this is a completely sealed type, abuse of the battery can cause an explosion.

Please adhere to the following points:

- Install it securely in its position. Ensure that it is adequately restrained and check that it is connected with correct polarity.

- Do not expose the battery to high temperatures.

Keep away from fire. Do not dispose of your old battery in a fire.

- In the case of an accident sulphuric acid may escape. Avoid contact with skin, eyes or clothing, wash immediately with water.

Charging method:

Normal charge: - 1.4A x 5~10 hrs

Boost rapid : - 14A x 0.5 hrs

Fast charge: 5A x 30 min.



1. Negative lead (-)

2. Positive lead (+)

WARNING

POTENTIAL HAZARD

Failure to handle batteries or battery electrolyte carefully.

WHAT CAN HAPPEN

You could be poisoned. You could be Severely burned by the sulfuric acid in battery electrolyte.

Batteries produce explosive gases.

HOW TO AVOID THE HAZARD

Avoid contact with skin, eyes or clothing.

Always shield eyes when working near batteries. Keep out of reach of children.

Antidote:

EXTERNAL: Flush with water.

INTERNAL: Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or vegetable oil. Get prompt medical attention.

EYES: Flush with water for 15 minutes and get prompt medical attention. Keep batteries away from sparks, flames, cigarettes or other sources of ignition. Ventilate when charging or using in a closed space.

TIRES

Manufacturer Size:

Front: 22 x 7 - 12 (on road) ; 22 x 7 - 10(off-road)

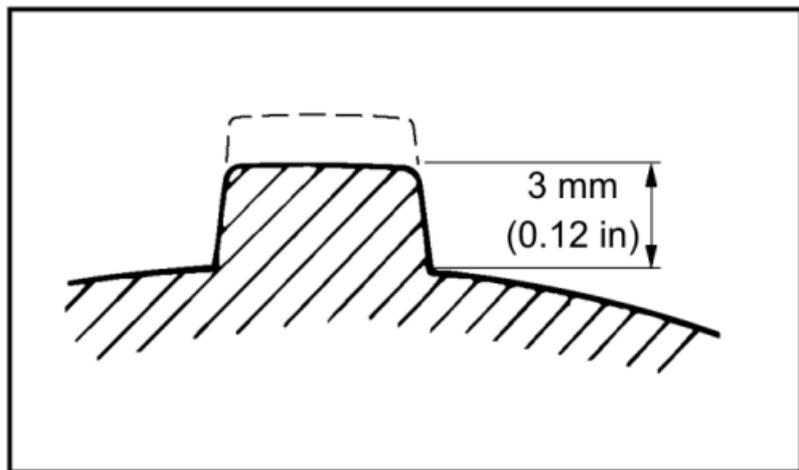
Rear: 22 x 10 - 12 (on road) ; 22 x 10 - 10(off-road)

NOTE:

The low-pressure tire gauge is included as standard equipment. Make two measurements of the tire pressure and use the second reading. Dust or dirt in the gauge could cause the first reading to be incorrect.

Tire wear limit

When the tire groove decreases to 3 mm) 0.12 in(due to wear, replace the tire.



ENGINE OIL

Engine oil level measurement

1. Place the ATV on a level surface.
2. Warm up the engine for several minutes and stop it.
3. Remove the dipstick and wipe it off with a clean rag. Insert the dipstick in the filter hole without screwing it in.

NOTE:

Wait a few minutes until the oil level settles before checking.

4. Remove the dipstick and inspect the oil level.
5. The oil level should be between the maximum and minimum marks. If the level is low, add oil to raise it to the proper level.

CAUTION:

Be sure no foreign material enters the crankcase.

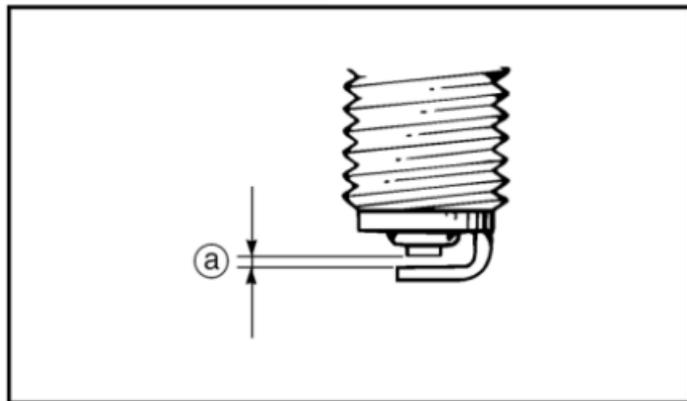
Spark plug inspection

The spark plug is an important engine component and is easy to inspect. The condition of the spark plug can indicate the condition of the engine. For example, a very white center electrode porcelain color could indicate an intake air leak or carburetion problem for that cylinder.

Do not attempt to diagnose such problems yourself. Instead, take the ATV to your dealer. You should periodically remove and inspect the spark plug because heat and deposits will cause the spark plug to slowly break down and erode. If electrode erosion becomes excessive, you should replace the spark plug

with one of the proper type. Before installing the spark plug, measure the electrode gap with a feeler gauge and adjust

to specification.



SPARK PLUG GAP

Standard spark plug: CR8E (NGK)

Spark plug gap:

0.7~0.8 mm (0.027~0.031in)

AIR FILTER CLEANING

Remove air box cover.

Remove air filter.

Pour cleaning solution or an equivalent into a bucket. Put the air filter in to soak.

While filter soaks, clean inside the air box.

Rinse the filter with warm water until all cleaning solution disappears.

If the air filter foam is still dirty, replace it with a new one.
Then, let the filter dry completely.
When the filter is dried, re-oiled with air filter oil or an equivalent.

NOTE:

Engine performance degradation or severe damages can occur if the air filter is not properly maintained and/or if it not well oiled.

CAUTION:

Never remove or modify any component in the air box. The engine carburetion is calibrated to operate specifically with these components. Otherwise, engine performance degradation or damage can occur.

NOTE:

If vehicle is used in dusty area, inspect more frequently.

CAUTION:

When liquid/deposits are found in the air box, the air filter must be inspected/dried/replaced depending on its condition.

EXHAUST SYSTEM

The exhaust system on the ATV is very hot during and following operation. To prevent burns, avoid touching the exhaust system. Park the ATV in a place where pedestrians or children are not likely to touch it.

WARNING

POTENTIAL HAZARD

Hot exhaust system.

WHAT CAN HAPPEN

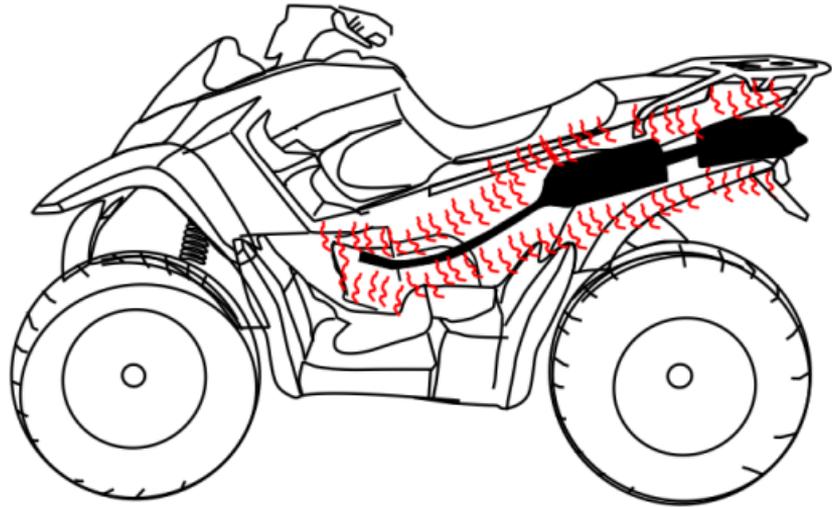
Dry grass or brush or other combustible material accumulated around the engine area could catch fire. Someone touching the exhaust system during or after operation could be burned.

HOW TO AVOID THE HAZARD

Do not operate, idle, or park the ATV in dry grass or other dry ground cover.

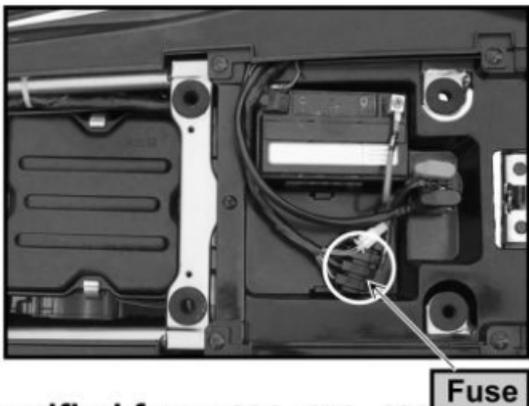
Keep the engine area free of dry grass, brush, or other combustible material. Do not touch the hot exhaust system.

Do not park the ATV in a place where others might be likely to touch it.



FUSE REPLACEMENT

1. The fuse case is located under the seat.
2. If the fuse is blown, turn off the main switch and install a new fuse of the specified amperage. Then turn on the switches. If the fuse immediately blows again, consult a your dealer.



Specified fuse: 30A, 15A, 10A

⚠ WARNING

POTENTIAL HAZARD

Using an improper fuse.

WHAT CAN HAPPEN

An improper fuse can cause damage to the electrical system which could lead to a fire.

HOW TO AVOID THE HAZARD

Always use a fuse of the specified rating.

Never use a material in place of the proper fuse.

CAUTION:

To prevent accidental short-circuiting, turn off the main switch when checking or replacing a fuse.

ACCESSORIES

Accessories can affect the handling and control of your ATV. Keep the following in mind when considering an accessory or operating an ATV which has accessories.

- Choose only accessories designed for your ATV. Accessories may also be available on the market.

- Accessories should be rigidly and securely mounted. An accessory which can shift position or come off while you are riding could affect your ability to control the ATV.
- Do not mount an accessory where it could interfere with your ability to control the ATV. Examples include (but are not limited to) a heavy or bulky object attached to the handlebars which could make steering difficult, an accessory that limits your ability to move around on the seat, or one that limits your view.
- Use extra caution when riding an ATV with accessories. The ATV may handle differently than it does without accessories.

Modifications

WARNING

POTENTIAL HAZARD

Operating this ATV with improper modifications.

WHAT CAN HAPPEN

Improper installation of accessories or modification of this vehicle may cause changes in handling which in some situations could lead to an accident.

HOW TO AVOID THE HAZARD

Never modify this ATV through improper installation or use of accessories. All parts and accessories added to this vehicle should be equivalent components designed for use on this ATV and should be installed and used according to instructions. If you have questions, consult an authorized ATV dealer.

SPECIFICATIONS

ENGINE	
Displacement	249.4cc
Type	4-Stroke
Cooling	Water-Cooled
Bore & Stroke	71 x 63 mm
Max. Power	13.2 KW / 7000 rpm
Max. Torque	21.25 Nm / 5500 rpm
Transmission	Automatic CVT with Reverse Gear
Compression Ratio	10.5:1
SUSPENSION	
Front Suspension	Double A-arm
Rear Suspension	Swing Arm
BRAKES	
Front & Rear Brake	Hydraulic
Foot Brake	All Wheels Stop by Foot Pedal
Parking Brake	Mechanical
TIRES	
Front Tire	22 x 7 - 12 (on road) ; 22 x 7 - 10(off-road)
Rear Tire	22 x 10 - 12 (on road) ; 22 x 10 - 10(off-road)
RIMS	
Front Rim	Aluminum Alloy Rims 12" x 6" (ET + 15); Steel 10"
Front Rim	Aluminum Alloy Rims 12" x 7.5" (ET -35); Steel 10"
DIMENSIONS	
Wheelbase	1265 mm
Wheel Tread(Front/Rear)	935 mm / 895 mm
Length x Width x Height	2060 mm x 1270 mm x 1165 mm
Seat Height	830 mm
Dry Weight	216 kgs

⚠️ WARNING

Improper ATV use can result in SEVERE INJURY or DEATH.



**ALWAYS USE
AN APPROVED
HELMET AND
PROTECTIVE GEAR**



**NEVER USE
ON PUBLIC
ROADS**



**NEVER USE
WITH DRUGS
OR ALCOHOL**

NEVER OPERATE:

Without proper training or instruction.

At speeds too fast for your skills or the conditions.

On public roads - a collision can occur with another vehicle.

ALWAYS:

Use proper riding techniques to avoid vehicle overturns on hills and rough terrain and in turns.

Avoid paved surfaces - pavement

LOCATE AND READ OWNER'S MANUAL. FOLLOW ALL INSTRUCTIONS AND WARNINGS.

