OWNER'S MANUAL

LX50ATV-2

1st Edition 2007



READ THIS MANUAL CAREFULLY IT CONTAINS IMPORTANT SAFETY INFORMATION.

> MINIMUM RECOMMENDED **OPERATOR AGE:**

This vehicle is sold for OFF-ROAD USE ONLY. Before operating this vehicle, read all the instructions for safe assembly and operation as well as the instructions governing the engine and other portions of the vehicle. Pay close attention to all caution and warning labels on the ATV.

IMPORTANT NOTICES

READ THIS MANUAL CAREFULLY

Your Owner's Manual contains important information on safety, operation, and maintenance. Any one who operates this ATV should carefully read and understand the contents of this manual before riding the vehicle.

AGERECOMMENDATION

The minimum recommended age for this ATV model is 6. Children under age 6 should never operate this vehicle.

RIDER TRAINING

Anyone who operates this vehicle should get proper instruction.

FOR OFF-ROAD USE ONLY

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 regulation in effect at the time of manufacture.

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

SPECIAL MESSAGES

We provides many important safety messages both in this manual and on the vehicle. For your safety and the safety of others, pay special attention to all warnings preceded by this alert symbol . Failur to follow the warnings contained in this manual can result in SERIOUS INJURY or DEATH.

The safety alert symbol means ATTENTION! Become alert your safety is involved.

MARNING Indicates a strong possibility that serious injury or death may result if instructions are not followed.

Indicates special precautions that must be take to avoid damage to the machine.

NOTE provides key information to make precedures easier or clearer.

The Owner's Manual should be considered a permanent part of your ATV. It should remain with the vehicle at all times and stay with the ATV if it is sold.

PREFACE

Congratulations on your purchase of our company ATV. Our company take pride in a worldwide reputation for quality-in research, design, production and service.

For replacement parts and accessories, we recommend genuine our company products. They've been specially designed for your vehicle and manufactured to meet our company's demanding standards.

This manual will provide you with a good basic understanding of the features and operation of this machine. This manual includes important safety information. It provides information about special techniques and skills necessary to ride your machine. It also includes basic maintenance and inspection procedures. If you have any questions regarding the operation or maintenance of your machine, please consult a our company dealer.

We wish you many years of safe and enjoyable riding. While reading this manual, remember:

MARNING Indicates a strong possibility that serious injury or death may result if instructions are not followed.

All information in this publication is based on the latest product information available at the time of approval for printing.



LX50ATV-2

LABEL HERE

OFF ROAD OWNER'S MANUAL

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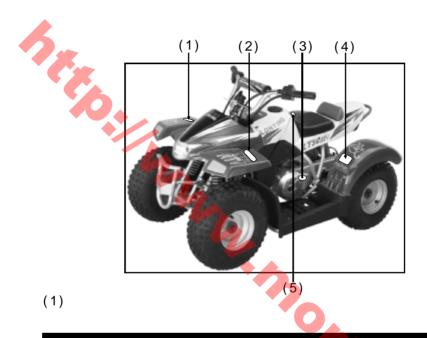
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LOCATION OF THE WARNING AND SPECIFICATION LABELS



⚠ WARNING



Operating this ATV if you are under the ageof 6 increases your chance of severe injury or death.

NEVER operate this ATV if you are under age 6.

(2)

⚠ WARNING

Improper ATV use can result in **SEVERE INJURY or DEATH.**



ALWAYS USE AN APPROVED HELMET AND PROTECTIVE GEAR



NEVER USE WITH ALCOHOL OR DRUGS

NEVER operate:

ÄWithout proper training or instruction.

ÄAt speeds too fast for your skills or the conditions. Do not operate the vehicle after consuming ALCOHOL OR DRUGS.

ALWAYS:

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

ÄFor your safety, wear gear to include helmet gloves and foot protection.

ÄGasoline is flammable shut off engine, avoid sparks and open flame when refueling.

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

(3)



MARNING

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

OPERATING TIRE PRESSURE:

Set with tires cold

~ Recommended:

FRONT: 25~30 kpa, (0.25~0.3 kgf/cm), 3.5~4.2 psi

REAR: 25~30 kpa, (0.25~0.3 kgf/cm), 3.5~4.2 psi

~ Never set tire pressure over the recommended.

(5)

⚠ WARNING



NEVER ride as a passenger. Passengers can cause a loss of control, resulting in **SEVERE INJURY or DEATH.**

· com

Your ATV comes with a hang tag and several labels containing important safety information. Anyone who rides the vehicle should read and understand this information before riding.

Parents of young riders should make sure their youngsters read and understand the hang tag and label information before allowing them to ride.

The labels should be considered as permanent parts of the vehicle. If a label comes off or becomes hard to read, contact your our company dealer for replacements

A

SAFETY INFORMATION

AN ATV IS NOT A TOY AND CAN BE HAZARDOUS TO OPERATE.

An ATV handles differently from other vehicles including motorcycles and cars. A collision can occur quickly, even during routine maneuvers, if you fail to take proper precautions.

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

Read this manual and all labels carefully and follow the operating procedures described.

Never operate an ATV without proper training or instruction.

Beginners should receive training from a certified instructor.

Always follow the age recommendation:

- -A child under 6 years old should never operate an ATV with engine size greater than 70cc.
- -Achild under 12 years old should never operate an ATV with engine size greater than 90cc.

Never allow a child under age 16 to operate an ATV without adult supervision, and never allow continued use of an ATV by a child if he or she does not have the abilities to operate it safely.

Never operate an ATV without wearing an approved motorcycle helmet that fits properly. You should also 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 wheel, jump, or other stunt.

Always inspect your ATV each time you use it to make sure it is in safe operating condition. Always follow the inspection and maintenance procedures and schedules described in this manual.

Always keep both hands on the handlebars and both feet on the footboards of the ATV during operation.

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 on excessively rough, slippery or loose terrain.

Always follow proper procedures for turning as described in this manual. Practice turning at low speeds before attempting to turn at faster speeds. Do not turn at excessive speed.

Never operate the ATV on hills.

Always follow proper procedures for climbing slopes as described in this manual.

Check the terrain carefully before you start up any slope. Shift your weight forward. Never open the throttle suddenly. Never go over the top of a slope at high speed.

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. Shift your weight backward. Never go down a slope at high speed. Avoid going down slope at an angle that would cause the vehicle to lean sharply to one side. Go straight down the slope where possible.

Never attempt to turn the ATV 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.

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.

Always be careful when skidding or sliding. Learn to safely control skidding or 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.

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 let friction dry out the linings.

Always use the size and type tires specified in this manual. Always maintain proper tire pressure as described in this manual.

Never 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 carrying cargo. Allow greater distance for braking.



↑ 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/mufflerwhen 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.

When transporting the machine in another vehicle, be sure it is kept upright and that the fuel valve is in the "OFF" position.

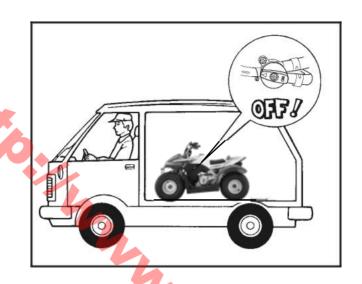
Otherwise, fuel may leak out of the carburetor or fuel tank.

WHAT CAN HAPPEN

Gasoline is poisonous and can cause injuries.

HOW TO AVOID THE HAZARD

If you should swallow some gasoline or inhale a lot of gasoline vapor, or get some gasoline in your eyes, see your doctor immediately. If gasoline spills on your skin, wash with soap and water. If gasoline spills on your clothing, change your clothes.



⚠ 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 machine in an area with adequate ventilation.

DESCRIPTION AND MACHINE IDENTIFICATION

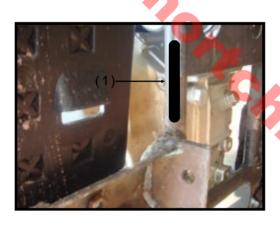
Identification number records

Record the key identification number, vehicle identification number and model label information in the spaces provided for assistance when ordering spare parts from a our company dealer or for reference in case the vehicle is stolen.

- 1. VEHICLE IDENTIFICATION NUMBER:
- 2. ENGINE SERIAL NUMBER:

VEHICLE IDENTIFICATION NUMBER

The vehicle identification number is stamped into the frame.



(1) Vehicle identification number

ENGINE SERIAL NUMBER

The engine serial number is stamped on the left crankcase.



(1) ENGINE SERIAL NUMBER

PARTS LOCATIONS





DESCRIPTION & MACHINE IDNTIFICATION



- (14) Throttle Lever
- (15) Starter (Choke)
- (16) Rear Brake Pedal
- (17) Rear Fender
- (18) Front Fender

NOTE

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

CONTROL FUNCTION

IGNITION SWITCH

Functions of the respective switch positions are as follows:

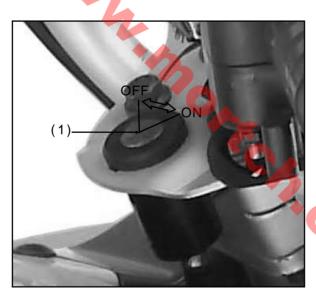
"OFF" position:

All electrical circuits are switched off except hazard light. The key can be removed in this position.

"ON" position:

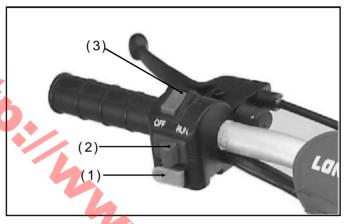
With the transmission in neutral and set the parking brake, the engine can be started.

The key can not be removed.



(1) Ignition Switch

HANDLEBAR SWITCHES



- (1) Starter Button(2) Engine Stop Switch(3) Headligh Switch

Stater button

To starter the engine, press the starter button, with the ignition switch ON and the engine stop switch at RUN.

NOTE

If the starter switch is pushed with the ignition 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 "ON".

Engine Stop Switch

When the switch is in the "RUN" position, the engine will operate. When the switch is in "OFF" position, the engine will not operate.

This switch is intended primarily as a safety or emergency control, and it should normally remain in the "RUN" position.

NOTE

If you stop your ATV by turning the engine stop switch OFF, be sure to turn the ignition switch OFF to prevent battery discharge.

Headlight Dimmer Switch

Turn the switch to the forward position to switch on the headlight.

Turn the switch to the backward position to switch off the headlight.

NOTE

The headlight can be turned on only when the ignition switch is in the "ON" position and engine is running.

The illumination of headlight will be available fully only when the engine speed is more than 2000 rpm.

Do not turn on the headlight when the engine is not running because it can drain the battery and without charging in this ATV's electrical system.

Emergency Switch

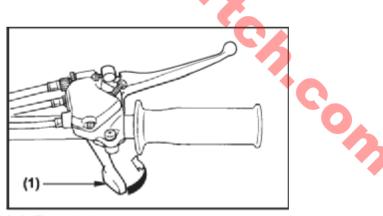


(1) Emergency Switch

The emergency switch is tied to the wrist of rider. If the rider fall off the ATV, the emergency switch can stop the machine immediately to protect the rider.

THROTTLE LEVER

It is operated by the thumb. Pressing the lever opens the throttle. When pressure is released, spring tension automatically closes the throttle. Regulate the speed of the machine by varying the throttle position.



(1) Throttle Lever

⚠ WARNING

POTENTIAL HAZARD

Malfunction of throttle.

WHAT CAN HAPPEN

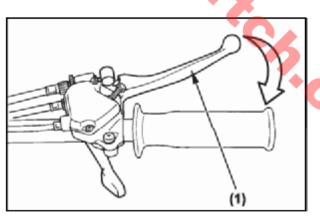
The throttle could be hard to operate, making it difficult to speed up or slow down when you need to. This could cause an accident.

HOW TO AVOID THE HAZARD

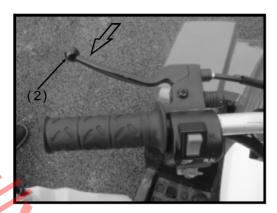
Check the operation of the throttle lever before you start the engine. If it does not work smoothly, check for the cause. Correct the problem before riding the ATV. Consult a our company dealer if you can't find or solve the problem yourself.

FRONT AND REAR BRAKES

The front and rear brakes are operated by squeezing the brake levers.



(1) Front Brak Lever

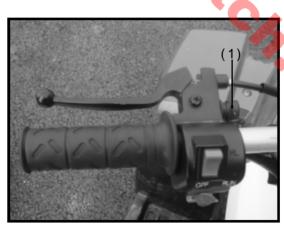


(2) Rear Brake Lever

PARKING BRAKE

To set the parking brake, squeeze the rear brake lever and lock it with the lock pin. Always set the parking brake when parking and before starting the engine.

To unlock the parking brake, squeeze the rear brake lever until the lock pin releases. Using the parking brake in freezing weather may cause the brakes to freeze in the locked position.



(1) Lock Pin

⚠ WARNING

POTENTIAL HAZARD

Improper use of the parking brake.

WHAT CAN HAPPEN

The ATV could start moving unexpectedly if the parking brake is not applied before starting the engine. This could cause loss of control or a collision.

The brake could overheat if you ride the ATV without releasing the parking brake.

You could lose braking performance which could cause an accident. You could also wear out the brakes prematurely.

HOW TO AVOID THE HAZARD

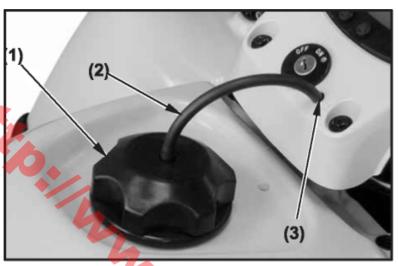
Always set the parking brake before starting the engine.

Always be sure you have released the parking brake before begin to ride.

FUEL TANK CAP

After refueling, be sure to tighten the fuel tank cap until it clicks.

Insert the breather tube into the handlebar cover hole.



- (1) Fuel tank cap
- (2) Breather tube
- (3) Handlebar cover hole

FUEL VALVE

The fuel valve supplies fuel from the fuel tank to the carburetor.

The fuel valve has three positions.

OFF:

With the lever and " Δ " mark in this position fuel will not flow. Always turn the lever to this position when the engine is not running.

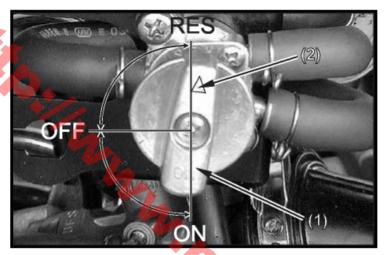
ON:

With the lever in this position, fuel "\(\Delta \)" mark flows to the carburetor. Normal riding is done with the lever in this position.

RES:

This indicates reserve. If you run out of fuel while riding, turn the lever to this " Δ " mark position.

THEN FILL THE FUEL TANKAT THE FIRST OPPORTUNITY .After refueling, return the fuel valve lever to the "ON" position.



- (1) Fuel lever
- (2) "∆" mark

NOTE

After refueling, do not operate the ATV with the fuel valve in the RES position. If you run out of fuel, there will be no reserve supply.

CHOKE KNOB (STARTER)

Starting a cold engine requires a richer air-fuel mixture. A separate starter circuit supplies this mixture. Move in direction (A) to turn on the choke knob. Move in direction (B) to turn off the choke knob. Refer to "starting a cold engine" for proper operation.



- (1) Fully Open
- (2) Half Open
- (3) Closed
- (A) ON Position
- (B)OFF Position

CAUTION

Extended use of the choke may impair piston and cylinder wall lubrication and shorten the life of the engine. Pushing the choke knob too hard to the OFF position may dislodge the choke cable boot. If this happens, water and dirt may enter the choke cable and cause corrosion. If the choke is hard to actuate, or feels like it is sticking, check the cable boot.

SEAT

To remove the seat, pull the seat lock lever and pull up the seat at the rear right.

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



(1) Seat Removal Lever

NOTE

Make sure that the seat is securely fitted.

♠ WARNING

Indicates a potential hazard that could result in serious injury or death.

PRE-OPERATION CHECKS

Before using this machine, check the following points:

ITEM	ROUTINE	PAGE
Brake	~ Check operation, condition, free play (drum brake) and brake fluid level (disk brake). Adjust (drum brake) if necessary. ~Fill with DOT 4 brake fluid (disk brake) if necessary.	
Fuel	~ Check fuel level. ~ Fill with fuel if necessary.	
Engine oil and Transmission oil	~ Check oil level. ~ Fill with oil if necessary.	
Drive chain	Check chain slack and condition. Adjust if necessary.	
Throttle	~Check for proper throttle cable operation.	
Wheels and Tires	~Check tire pressure, wear and damage.	
Fittings and Fasteners	~Check all fitting and fasteners.	
Switches	~Check for proper function.	
Lights	~Check for proper operation.	

⚠ 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.

FRONT AND REAR BRAKES

1. Drum brake: 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 our dealer.

2. Disk brake: Make sure there is no brake fluid leakage.

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 our dealer.

3. 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

Riding with improperly operating brakes.

WHAT CAN HAPPEN

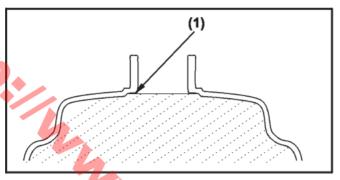
You could lose braking ability, which could lead to an accident.

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 cannot be corrected by the adjustment procedures provided in this manual, have the ATV inspected by our dealer.

FUEL

Fill the fuel tank when necessary and make sure there is sufficient gasoline in the tank. Check for leaks. Fuel level should be below the filler neck.



(1) Fuel Neck

Recommended fuel:

UNLEADED FUEL

Fuel tank capacity:

LAC 50-2:

Total: 3.5L Reserve: 0.8L

NOTE

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.

Our engine has been designed to use regular unleaded gasoline with a pump octane number of 86 or higher, or research octane number of 91 or higher. If knocking or pinging occurs, use a different brand of gasoline or premium unleaded fuel. Unleaded fuel will give you longer spark plug life and reduced maintenance cost.

Use unleaded fuel only because it produces fewer engine and spark plug deposits and extends the life of the exhaust system. Never use stale or contaminated gasoline or an oil/gasoline mixture.

Avoid getting dirt, dust or water in the fuel tank.

⚠ WARNING

POTENTIAL HAZARD

Improper care when refueling.

WHAT CAN HAPPEN

Fuel can spill, which can cause a fire and severe injury. Fuel expands when it heats up. If the fuel tank is over-filled, fuel could spill out due to heat from the engine.

HOW TO AVOID THE HAZARD

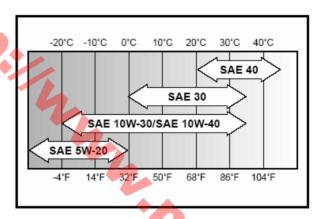
Do not overfill the fuel tank. Be careful not to spill fuel, especially on the engine or exhaust pipe. Wipe up any spilled fuel immediately. Be sure the fuel tank cap is closed securely.

Do not refuel right after the engine has been running and is still very hot.

ENGINE OIL

Make sure the engine oil is at the specified level. Add oil as necessary. Check for leaks.

Recommended engine transmission oil classification: API Service SE, SF, SG type or higher



CAUTION

In order to prevent clutch slippage (Since the engine oil also lubricates the clutch), do not mix any chemical additives. Do not use oils with a diesel specification of "CD" or oils of a higher quality than specified. In addition, do not use oils labeled "ENERGY CONSERVING II" or higher.

Make sure that no foreign material enters the crankcase.

TRANSMISSION OIL

Make sure the transmission oil at the specified level. Add oil as necessary.

Check for leaks.

Recommended oil classification:

Transmission oil: SAE #90

Oil quantity:

Transmission oil:

Periodic oil change:

0.5 L

Total amount:

0.8 L

CHAIN

Check the general condition of the chain and check the chain slack before every ride. Lubricate and adjust the chain as necessary.

THROTTLE LEVER

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

FITTINGS AND FASTENERS

Always check the tightness of chassis fittings and fasteners before a ride. Take the machine to our dealer or refer to the Service Manual for correct tightening torque.

LIGHTS

Check the position light and taillight/stop light to make sure they are in working condition. Repair as necessary for proper operation.

SWITCH ES

Check the operation of the taillight/stop light switch, engine stop switch, remote engine stop switch and any other switches. Repair as necessary for proper operation.

TIRES

⚠ WARNING

POTENTIAL HAZARD

Operating this GO KART with improper tires, or with improper or uneven tire pressure.

WHAT CAN HAPPEN

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

HOW TO AVOID THE HAZARD

1. The tires listed below have been approved by us. for this model. Other tire combinations are not recommended.

	SIZE	TYPE
Front	14.5X7-6	Tubeless
Rear	14.5X7-6	Tubeless

2. The tires should be set to the recommended pressure:

Recommended tire pressure:

Front 25~32 kpa (0.25~0.32 kgf/cm, 3.5~4.5 psi)

Rear 25~32 kpa (0.25~0.32 kgf/cm, 3.5~4.5 psi)

Check and adjust tire pressures when the tires are cold. Tire pressures must be equal on both sides.

3. Tire pressure below the minimum specified could cause the tire to dislodge from the rim under severe riding conditions.

The following are minimums:

Front 25 kpa (0.25 kgf/cm, 3.5 psi)

Rear 25 kpa (0.25 kgf/cm, 3.5 psi)

4. Higher pressures may cause the tire to burst. Inflate the tires very slowly and carefully. Fast inflation could cause the tire to burst.

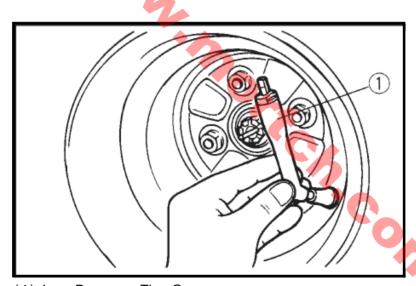
HOW TO MEASURE TIRE PRESSURE

Use the low-pressure tire gauge.

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.

Set pressure tires cold. Set tire pressures to the following specifications:

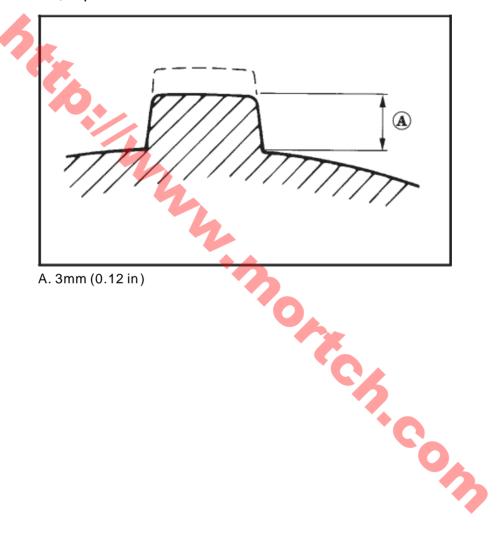
	Recommended pressure	Minimum	Maximum
	28 kpa ¸	25 kpa ¸	30 kpa
Front	(0.28 kgf/cm,	(0.25 kgf/cm,	(0.3 kgf/cm,
	3.92 psi)	3.5 psi)	4.2 psi)
	28 kpa	25 kpa 2	30 kpa 2
Rear	(0.28 kgf/cm, 3.92 psi)	(0.25 kgf/cm,	(0.3 kgf/cm,
	3.9 <mark>2 ps</mark> i)	3.5 psi)	4.2 psi



(1) Low Pressure Tire Gauge

Tire Wear Limit

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



A. 3mm (0.12 in)

OPERATION

⚠ WARNING

POTENTIAL HAZARD

Operating ATV without being familiar with all controls.

WHAT CAN HAPPEN

Loss of control, which could cause an accident or injury.

HOW TO AVOID THE HAZARD

Read the Owner's Manual carefully. If there is a control or function you do not understand, ask our dealer.

⚠ WARNING

Indicates a potential hazard that could result in serious injury or death.

STARTING A COLD ENGINE

⚠ WARNING

POTENTIAL HAZARD

Freezing control cables in cold weather.

WHAT CAN HAPPEN

You could be unable to control the ATV, which could lead to an accident or collision.

HOW TO AVOID THE HAZARD

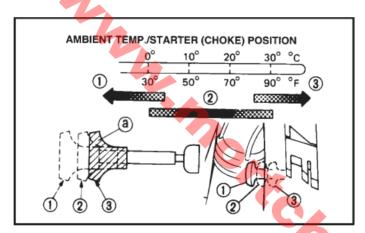
When riding in cold weather, always make sure all control cables work smoothly before you begin riding.

- 1. Set the parking brake.
- 2. Turn the fuel lock to "ON".
- 3. Turn the main switch to "ON" position and the engine stop switch to " RUN" .
- 4. Use the starter (choke) in reference to the figure:

Position ①: Cold engine start-ambient temperature below 5C (40F).

Position 2: Cold engine start-ambient temperature at 0C (30F)~30C (90F) and warming up position.

Position 3: Cold engine start-ambient temperature above 25C(80F) and warm engine start position.



- (1) Fully Open
- (2) Half Open
- (3) Closed
- (a) Starter
- 5. Completely close the throttle lever and start the engine by pushing the start switch.

NOTE

Alf the engine fails to start, release the start switch, then push the start switch again. Pause a few seconds before the next attempt. Each cranking should be as short as possible to preserve battery energy. Do not crank the engine more than 10 seconds on each attempt.

Alf the battery is discharged, pull the recoil starter to start the engine.

- 6. If the engine is started with the starter (choke) in position ①, the starter (choke) should be returned to position② to warm up the engine. If the engine is started with the starter (choke) in position②, keep the starter (choke) in this position to warm up the engine.
- 7. Continue warming up the engine until it idles smoothly and return the starter (choke) to position(3) before riding.

CAUTION

See the "Engine Brake-In" section prior to operating engine for the first time.

STARTING A WARM ENGINE

To start a warm engine, refer to the "Starting a cold engine" section. The choke knob should not be used. The throttle should be opened slightly.

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 starter (choke knob) turned off.

ENGINE BRAKE-IN

There is never a more important period in the life of your machine than the period between zero and 20 hours.

For this reason, we ask that you carefully read the following material. Because the engine is brand new, you must not put an excessive load on it for the first 20 hours, the various parts in the engine wear and polish themselves to the correct operating clearances.

During this period, prolonged full throttle operation or any condition which might result in excessive engine heating must be avoided.

However, momentary (2~3 seconds maximum) full throttle operation under load does not harm the engine.

Each full throttle acceleration sequence should be followed with a substantial rest period for the engine by cruising at lower r/min so the engine can rid itself of the temporary build up of heat.

If any abnormality is noticed during this period, consult our dealer.

1.0~10 hours:

Avoid continuous operation above half throttle. Allow a cooling off period of five to ten minutes after every hour of operation.

Vary the speed of the machine from time to time. Do not operate it at full throttle position.

2.10~20 hours:

Avoid prolonged operation above 3/4 throttle. Rev the machine freely through the gears but do not use full throttle at any time.

3. After break-in

Avoid prolonged full throttle operation. Vary speeds occasionally.

PARKING

When parking, stop the engine and shift into neutral. Turn the fuel lock to "OFF" and apply the parking brake.

The rear brake lever has one locked position that allow it to be used as a parking brake.



(1) Locked Position

PARKING ON A SLOPE

⚠ WARNING

POTENTIAL HAZARD

Parking on a hill or other incline.

WHAT CAN HAPPEN

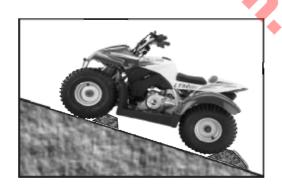
The ATV could roll out of control, increasing the chance of an accident.

HOW TO AVOID THE HAZARD

Avoid parking on slope or other inclines. If you must park on an incline, place the machine transversely across the incline, apply the parking brake, and block the front and rear wheels with rocks or other objects.

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

- 1. Bring the machine to a stop by applying the brakes.
- 2. Stop the engine.
- 3. With the rear brake lever applied, apply the parking brake.



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.

Achoose only accessories designed for your ATV. Our dealer has a variety of genuine accessories. Other accessories may also be available on the market. However, it is not possible for us to test all non-our accessories, nor have any control over the quality or suitability of them. Choose a genuine accessory, or one that is equivalent in design and quality.

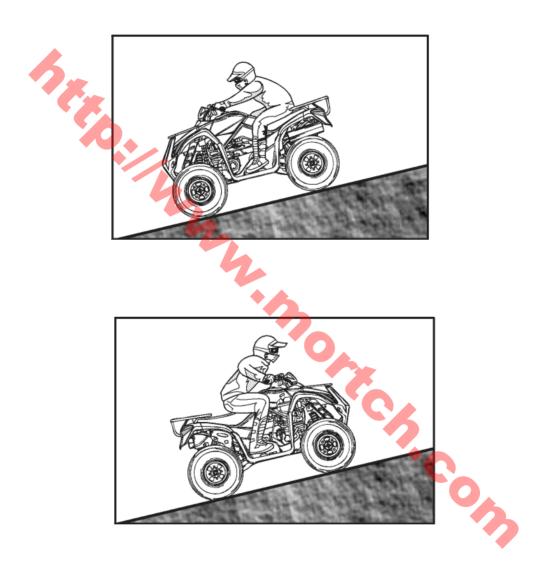
Accessories should be rigidly and securely mounted. An accessory which can shift position or come off while you are riding could affect your ability to control the ATV.

ADo not mount an accessory where it could interfere with your ability your 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.

AUse extra caution when riding an ATV with accessories.

The ATV may handle differently than it does without accessories.

RIDING YOUR ATV



MARNING MARNING

Indicates a potential hazard that could result in serious injury or death.

GETTING TO KNOW YOUR ATV

This ATV is for recreation use. This section, riding your ATV, provides general ATV riding instructions for recreational riding. The skills and techniques described in this section, 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. Pay particular attention to the safety information. Please also read all caution and warning labels on your ATV.

RIDE WITH CARE AND GOOD JUDGEMENT

Get training if you are inexperienced.

Beginners and inexperienced riders should get proper instruction on how to operate this ATV.

⚠ WARNING

POTENTIAL HAZARD

Operating this ATV without proper instruction.

WHAT CAN HAPPEN

The risk of an accident is greatly increased if the operator does not know how to operate the ATV properly in different situations and on different types of terrain.

HOW TO AVOID THE HAZARD

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 machine's handling and performance characteristics.

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

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

AGE RECOMMENDATION

The minimum recommended age for this ATV model is 6. For safety, never let children under 6 years old operate this vehicle. Children under 16 should be supervised by an adult.

⚠ WARNING

POTENTIAL HAZARD

Failure to follow the age recommendations for this ATV. Failure to supervise children under 16 on ATV models intended for their use.

WHAT CAN HAPPEN

If children use ATVs that are not recommended for their age, severe injury or death can result.

Even though a child may be within the age group for which an ATV is recommended, he or she may not have the skills, abilities, or judgment needed to operate the ATV safely and may be involved in a serious accident.

HOW TO AVOID THE HAZARD

A child under 6 should never operate this ATV.

Never allow a child under 16 to operate an ATV without adult supervision and never allow continued use of te ATV by a child If he or she does not have the abilities to operate it safely.



APPAREL

⚠ WARNING

POTENTIAL HAZARD

Operating this ATV without wearing an approved motorcycle helmet, eye protection and protective clothing.

WHAT CAN HAPPEN

Operating without an approved motorcycle helmet increases your chances of a severe head injury or death in the event of an accident.

Operating without eye protection can result in an accident and increases your chances of a severe injury in the event of an accident.

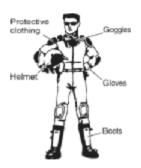
Operating without protective clothing increases your chances of severe injury in the event of an accident.

HOW TO AVOID THE HAZARD

Always wear an approved motorcycle helmet that fits properly.

You should also wear:

Eye protection(goggles or face shield)
Gloves boots
Long-sleeved shirt or jacket
Long pants



DO NOT OPERATE AFTER CONSUMING ALCOHOL OR DRUGS.

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



⚠ 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.

PRE-OPERATION CHECKS

Always perform the pre-operation checks before riding for safety and proper care of the machine.

⚠ 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 tour 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.

Do not operate at speeds too fast for your skills or the conditions.

⚠ WARNING

POTENTIAL HAZARD

Operating this ATV at speeds too fast for your skills or the conditions.

WHAT CAN HAPPEN

Increases your chances of losing control of the ATV, which can result in an accident.

HOW TO AVOID THE HAZARD

Always go at a speed that is proper for the terrain, visibility and operating conditions, and your experience.

ACCESSORIES

Genuine our accessories have been specifically designed for and tested on this vehicle. Because we cannot test all other accessories, you are personally responsible for properly selecting, installing, and using non-our accessories. Always follow the loading instructions above, plus the following:

- 1. Carefully inspect the accessory to make sure it does not block any lights, reduce ground clearance, or limit suspension travel, steering travel, or other controls.
- 2. Make sure the accessory does not interfere with your ability to shift body position on the seat or operate hand and foot controls.
- 3. Do not add electrical equipment that will exceed the vehicle's electrical system Capacity. A blown fuse could cause a loss of lights or engine power.

NO 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

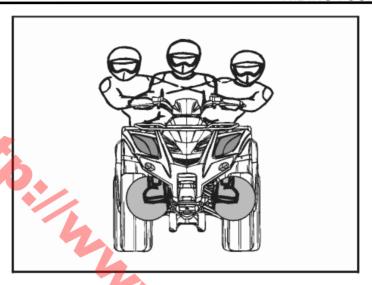
Never modify this ATV through improper installation or use of accessories. All parts and accessories added to this vehicle should be genuine or equivalent components designed for use on this ATV and should be installed and used according to instruction. If you have question, consult an authorized ATV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

No Modifications

Modifying this ATV or removing original equipment may render the vehicle unsafe or illegal. Spark arresters and mufflers are required in most areas. Don't modify your exhaust system or emission control system components. Remember, excessive noise bothers everyone and creates a bad image for ATV.

DURING OPERATION

Always keep your feet on the footboards during operation. Otherwise your feet may contact the rear wheels.



⚠ WARNING

POTENTIAL HAZARD

Removing hands from handlebars or feet from footboards during operation.

WHAT CAN HAPPEN

Removing even one hand or foot can reduce your ability to control the ATV or could cause you to lose your balance and fall a footpeg, your foot or leg may come into contact with the rear wheels, which could injure you or cause an accident.

HOW TO AVOID THE HAZARD

Always keep both hands on the handlebars and both feet on the footpegs of your ATV during operation.

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

⚠ WARNING

POTENTIAL HAZARD

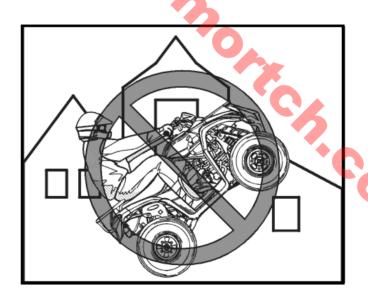
Attempting wheelies, jumps, and other stunts.

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.



EXHAUST SYSTEM

The exhaust on the machine is 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 touch

⚠ WARNING

POTENTIAL HAZARD

Hot exhaust system

WHAT CAN HAPPEN

Someone touching the exhaust system during or after operation could be burned.

HOW TO AVOID THE HAZARD

Do not touch the hot exhaust system.

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



PRACTICING

Select a flat area 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 before trying more difficult terrain. Always avoid riding on rough surfaces: the ATV is designed for off road use only, and handling maneuvers are more difficult to perform on smooth surfaces

Set the parking brake and follow the instruction in this User's Manual to start the engine. Once it has warmed up you are ready to begin riding your ATV. Remember that the engine and exhaust pipe will be hot when riding and afterwards; do not allow skin or clothing to come in contact with these components.

With the engine idling, return the starter knob to the closed position. Then release the parking brake. Apply the throttle slowly and you will start to accelerate. If the throttle is applied too abruptly, the front wheels may lift off the ground resulting in a loss of directional control. Avoid higher speeds until you are thoroughly familiar with the operation of your ATV.

When slowing down or stopping, release the throttle and apply the brakes smoothly and evenly. Improper use of the brakes can cause the tires to lose traction, reducing control and increasing the possibility of an accident.

BRAKING

Practice starting and stopping at slow speeds. Gradually work up to faster starts and stops.

- 1. Steer straight ahead. Close the throttle completely, remove your thumb from the throttle lever.
- 2. Gently apply the brakes: pull both hand levers.

Gradually increase the lever pressure as you feel the brakes slowing your speed. The pressure used depends on your speed and the condition of the terrain you are riding. Slick, slippery or muddy ground.

Pulling one or both brake levers too hard may cause the front and/or rear wheels to skid or slide out of control. If this happens, release all pressure on the lever(s) immediately. Steer straight ahead to regain control. Then gently reapply the brakes.

Independent use of only the front or rear brakes reduces stopping performance. Extreme braking may cause the wheels to lock, reducing control of the ATV

When possible, reduce speed or brake before entering a turn. Closing the throttle or braking in mid-turn may cause wheel slippage which will reduce control of your ATV.

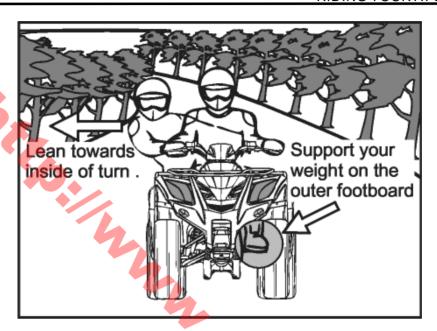
TURNING YOUR ATV

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.

When approaching a corner or turn, close the throttle fully, and slow the ATV down by applying both front and rear brakes at the same time.

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.

After completing the turn, open the throttle Gradually to accelerate the ATV.



MARNING

POTENTIAL HAZARD

Turning improperly

WHAT CAN HAPPEN

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.

Do not turn at excessive speeds.

CLIMBING UP SLOPE

Use proper riding techniques to avoid vehicle overturns on slopes. 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.

⚠ WARNING

POTENTIAL HAZARD

Operating on excessively steep slopes.

WHAT CAN HAPPEN

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

HOW TO AVOID THE HAZARD

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

It is important when climbing a slope to make sure that tour weight is transferred forward on the ATV. This can be accomplished by leaning forward, steeper inclines and standing on the footboards and leaning forward over the handlebars.

⚠ WARNING

POTENTIAL HAZARD

Climbing slopes improperly

WHAT CAN HAPPEN

Could cause loss of control or cause the ATV to over-turn.

HOW TO AVOID THE HAZARD

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

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

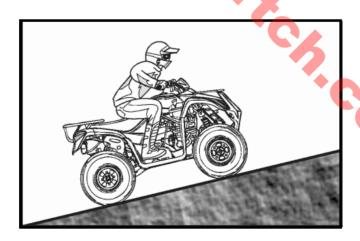
Never climb slopes with excessively slippery or loose surfaces.

Shift your weight forward.

Never open the throttle suddenly.

The ATV could flip over backwards. Never go over the top of any slope at high speed.

An obstacle or a sharp drop could be on the other side of the slope.



If you are climbing a slope 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 slope.

⚠ WARNING

POTENTIAL HAZARD

Improperly crossing slopes or turning on slopes.

WHAT CAN HAPPEN

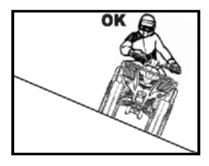
Could cause loss of control or cause the ATV to overturn.

HOW TO AVOID THE HAZARD

Never attempt to turn the ATV around on any slope until you have mastered the turning technique as described in the Owner's Manual on level ground. Be very careful when turning on any slope. Avoid crossing the side of a steep slope if possible.

When crossing the side of a slope: Always follow proper procedures as described in the Owner's Manual. Avoid slopes with excessively slippery or loose surfaces.

Shift your weight to the up of slope side of the ATV.



If your ATV has stalled or stopped and you believe you can continue up the slope, restart carefully to make sure you do not lift the front wheels which could cause you to lose control. If you are unable to continue up the slope, dismount the ATV on up slope side. Physically turn the ATV around and then descend the slope.

If you start to roll backwards, DO NOT use the rear brake to stop. The ATV could easily tip over backwards. Instead, dismount the ATV immediately on the up of slope side.

⚠ WARNING

POTENTIAL HAZARD

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

WHAT CAN HAPPEN

Could result in ATV overturning.

HOW TO AVOID THE HAZARD

Maintain steady speed when climbing a slope.

If you lose all forward speed: Keep weight up slope. Apply the brakes.

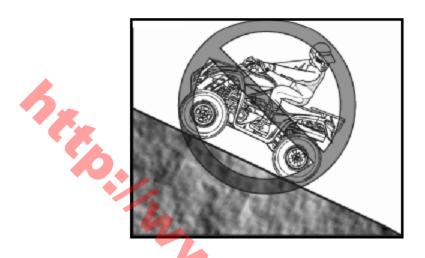
Lock parking brake, after you are stopped.

If you begin rolling backwards:

Keep weight up slope.

Never apply the rear brake while rolling backwards. Apply the front brake.

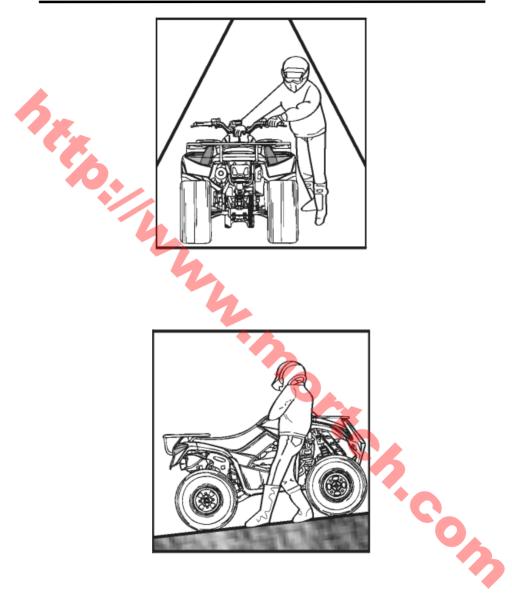
When fully stopped, apply rear brake as well, and then lock parking brake. Dismount on up slope side or to a side if pointed straight up slope. Turn the ATV around and remount, following the procedure described in the Owner's Manual.



If the slope is not too steep and you have good footing, you may be able to walk the ATV back down thes I o p e. Make sure your intended path is clear in case you lose control of the ATV. If you decide you can walk the ATV safely:

- 1. Stand with your body facing down slope, beside the vehicle so you can reach the front brake lever with your left hand.
- 2. Be sure your legs are clear of the wheels.
- 3. Check your footing.
- 4. Then slowly and carefully back the ATV down the slope using the front brake lever to control speed.
- 5. If you lose control of the ATV, for your safety, get away from the vehicle.

If the slopeis too steep or too slippery, or if you have any doubt whether you can safely walk the ATV back down the slope, leave the vehicle where it is and get help. If possible, block the wheels so the vehicle won't roll backwards.



RIDING DOWN SLOPE

When riding your ATV down slope, shift your weight as far to the rear and up slope side of the ATV as possible. Move back on the seat and sit with your arms straight. Improper braking may cause a loss of traction.

Use caution while descending a slope with loose or slippery surfaces. Braking ability and traction may be adversely affected by these surfaces.

Improper braking may also cause a loss of traction. Whenever possible, ride your ATV straight down slope. Avoid sharp angles which could allow the ATV to tip or roll over. Carefully choose your path and ride no faster than you will be able to react to obstacles which may appear.

⚠ WARNING

POTENTIAL HAZARD

Going down a slope improperly.

WHAT CAN HAPPEN

Could cause loss of control or cause the ATV to over-turn.

HOW TO AVOID THE HAZARD

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

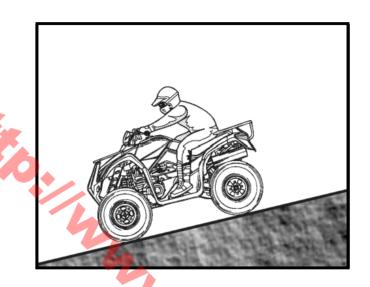
Note: a special technique is required when braking as you go down a slope.

Always check the terrain carefully before you start down any slope.

Shift your weight backward.

Never go down a slope at high speed. Avoid going down a slope at an angle that would cause the vehicle to lean sharply to one side.

Go straight down the slope where possible.



PARKING

Always choose a level place to park. After bringing your ATV to a stop, hold the brakes while you shift into neutral. Then set the parking brake and turn the ignition switch OFF. If you're through riding for the day, also turn the fuel valve OFF.

WHAT TO DO IF

This section is designed to be a reference guide only. Be sure to read each section on riding techniques completely.

WHAT TO DO....

If your ATV doesn't turn when you want it to: Bring the ATV to a stop and practice the turning maneuvers again. Be sure you are putting your weight on the footboard to the outside of the turn. Position your weight over the front wheels for better control.

If your ATV can't make it up a slope you are trying to climb:

Turn the ATV around if you still have forward speed. If not, stop, dismount on the up slope side of the ATV and physically turn the ATV around. If the ATV starts to slip backwards DO NOT USE THE REAR BRAKE - the ATV may tip over on top of you. Dismount the ATV on the up slope side.



PERIODIC MAINTENANCE AND ADJUSTMENT

Periodic inspection, adjustment and lubrication will you're your machine in the safest and most efficient condition possible. Safety is an obligation of the machine owner. The most important points of machine inspection, adjustment and lubrication are explained on the following pages.

⚠ WARNING

POTENTIAL HAZARD

Servicing an engine while it is running.

WHAT CAN HAPPEN

Moving parts can catch clothing or parts of the body, causing injury.

Electrical components can cause shocks or can start fire.

HOW TO AVOID THE HAZARD

Turn off the engine when performing maintenance unless otherwise specified.

Have our dealer perform service if you are not familiar with machine service.

The service information included in this manual is intended to provide you, the owner, with the necessary information for completing your own preventive maintenance and minor repairs. The tools provided in the owner's tool kit are sufficient for this purpose, except that a torque wrench is also necessary to properly tighten nuts and bolts.

NOTE

If you do not have a torque wrench available during a service operation requiring one, take your machine to our dealer to check the torque setting and adjust them as necessary.

MARNING

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 situation 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 genuine or equivalent components designed for use on this ATV and should be installed and used

according to instructions. If you have questions, consult an authorized dealer.

PERIODIC MAINTENANCE/LUBRICATION

1 H			INITIAL		EVERY	RY
≥ ⊔ =	ROUTINE	1 Month 3 Month	3 Month	6 Month 6 Month 12Month	6 Month	12Month
Engine Oil	Replace (Warm engine before draining)					
Oil Strainer*	Clean Replace if necessary		1			
Transmission oil	Check Oil Level/Oil leakage Replace if necessary	0				
Final Gear Oil	Check Oil Level/Oil leakage Replace if necessary	9				
Air Filter	Clean Replace if necessary					
Carburetor*	Check idle speed/starter operation. Adjust if necessary.					
Cylinder head cover breather system*	Check breather hose for cracks or damage. Replace if necessary.					
Spark plug	Check condition. Adjust gap and clean./Replace if necessary.					
Fuel line*	Check fuel hose for cracks or damage. Replace if necessary.					
Valves*	Check valve clearance. Adjust if necessary.					
Brakes*	Check operation and brake fluid. Replace brake <mark>pad if ne</mark> cessary.					
Clutch*	Check Operation Adjust if necessary					
Battery*	Check specific gravity. Check breather hose for proper operation. Correct fracessary.					
Exhaust system*	Cheo <mark>k leaka</mark> ge. Retighten if necessary. R <mark>eplace gasket if necessary.</mark>					

NU +	!	=	INITIAL		EVERY	'R≺
≥ □	KOULINE	1 Month 3 Month 6 Month 6 Month 12Month	Month	6 Month	6 Month	12Month
Wheels*	Check balance/damage/runout. Replace if necessary.			0		
Wheel bearings*	Check bearing assembly for looseness/damage. Replace if damaged.					
Steering system*	Check operation. Replace if damaged. Check toe-in. Adjust if necessary.					
Knuckle shafts/ Steering shaft*	Lubricate every 6 months.	2				
Fittings and Fasteners*	Check all chassis fittings and fasteners. Correct if necessary.					
Sparkarrester	Clean					
Front and rear Suspension*	Check operation Correct if necessary					
Light and switches*	Check operation Adjust headlight beams					

^{*:} It is recommended that these items should be serviced by our dealer.

**: Lithium soap base grease

NOTE

Recommended brake fluid: DOT 4

Brake fluid replacement:

When disassembling the master cylinder or caliper, replace the brake fluid. Normally check the brake fluid level and add fluid as required.
 On the inner parts of the master cylinder and caliper, replace the oil seals every two

3. Replace the brake hoses every four years, or if cracked or damaged.

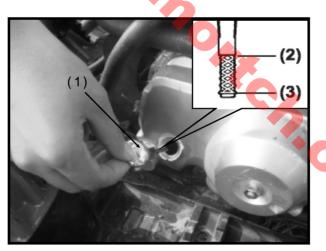
ENGINE OIL

1. Engine Oil Level Measurement

- A. Place the machine on a level place.
- B. Warm up the engine for several minutes and stop it.
- C. Remove the dipstick (1) and wipe it off with a clean rag. Insert the dipstick in the filler hole without screwing it in.
- D. Remove the dipstick and inspect the oil level.
- E. The oil level should be between the maximum (2) and minimum marks (3). If the level is low, add oil to raise it to the proper level.

NOTE

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



- (1) Dipstick/oil filler cap
- (2) Maximum level mark
- (3) Minimum level mark

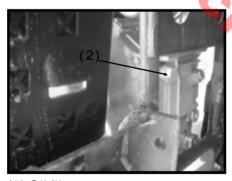
Be sure no foreign material enters the crankcase.

Engine Oil Replacement And Oil Filter Cleaning

- A. Place the machine on a level place.
- B. Warm up the engine for several minutes and stop it.
- C. Place a container under the engine.
- D. Remove the oil filler cap (1) and oil filter cap (2) to drain the oil.



(1) Dipstick/oil filler cap



(2) Oil filter cap

Be sure no foreign material enters the crankcase. When removing the drain plug, the compression spring, oil strainer and O-ring will fall out. Take care not to lose these parts.

- E. Clean the oil strainer with solvent.
- F. Inspect the O-ring and replace if damaged.
- G. Reinstall the O-ring, oil strainer, compression spring and drain plug. Tighten the drain plug to specification.

CAUTION

Before reinstalling the drain plug, be sure to install the O-ring, compression spring and oil strainer.

H. Fill the engine with oil and install the oil filler cap.

Recommended oil:
Oil quantity:
Engine oil:
Periodic oil change:
0.9 L(0.79 lmp qt, 0.95 US qt)
Total amount:
1.0L(0.88 lmp qt, 0.1.06 US qt)

I. Warm up the engine for several minutes at idle speed. Check for oil leakage while warming up.

If oil leakage is found, stop the engine immediately and check for the cause.

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 carburet problem for that cylinder. Do not attempt to diagnose such problems yourself.

Instead, take the machine to our 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.

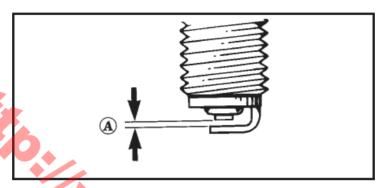
If electrode erosion becomes excessive, you should replace the spark plug with one of the

Standard spark plug: D8REA

Before installing the spark plug, measure the electrode gap with a feeler gauge and adjust to specification.

Spark plug gap:

0.6~0.7 mm (0.024~0.028 in)



A. Spark plug gap

When installing the spark plug, always clean the gasket surface and use a new gasket. Wipe off any grime from the threads and tighten to the specified torque.

Tightening torque:

12.5 Nm (1.25 m.kg, 9.1 ft.lb)

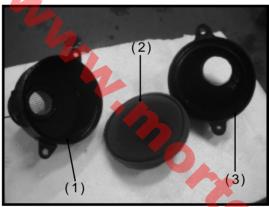
AIR FILTER CLEANING

The air cleaner accumulates dust and must be cleaned periodically. If the ATV is ridden in dusty areas, the air cleaner must be cleaned at more frequent intervals than specified in the Maintenance Schedule. If the ATV is submerged in water, the air cleaner should be checked and water should be drained from the air cleaner housing before starting the engine.

To Clean The Air Cleaner

1. Remove the air cleaner from the carburetor by loosen the screw.

- 2. Remove the air filter element, and separate it from the box.
- 3. Push the element gently but thoroughly in solvent.
- 4. Squeeze the excess solvent out of the filter and let it dry.
- 5. Inspect the element. If damaged, replace it.
- 6. Apply quality foam air filter oil to the element. If foam air filter oil is not available, motor oil may be used.
- 7. Reinstall the element to the air filter case
- 8. Reinstall the element assembly and parts removed for access.



- (1) Air Cleaner Case
- (2) Foam
- (3) Air Cleaner Cover

Do not twist the filter element when squeezing it.

NOTE

The element should be wet but not dripping.

IDLE SPEED ADJUSTMENT

NOTE:A diagnostic tachometer must be used for this procedure.

- 1. Start the engine and warm it up for a few minutes at approximately 1,000 to 2,000 r/min. Occasionally rev the engine to 4,000 to 5,000 r/min. The engine is warm when it quickly responds to the throttle.
- 2. Connect the tachometer and set the idle to the specified idling speed by adjusting the throttle stop screw. Turn the screw in to increase engine speed, and out to decrease engine speed.

Specified idle speed: 2000 RPM



(1) Throttle Stop Screw

THROTTLE LEVER ADJUSTMENT

NOTE

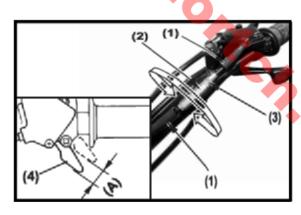
Adjust the engine idling speed before adjusting the throttle lever free play.

To adjust throttle free play:

- 1. Slide the rubber sleeves (1) back to expose the throttle cable adjuster (2).
- 2. Loosen the lock nut (3), then turn the adjuster to obtain the correct free play. (1~4 mm or 0.04~0.16 in)
- 3. Tighten the locknut and reinstall the sleeve.

Other checks:

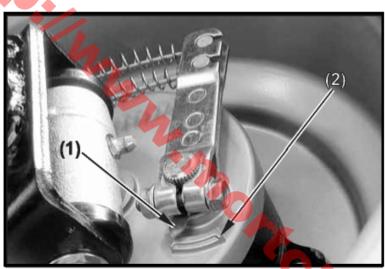
Check the throttle cable for kinks and signs of wear that could cause stretching or failure. Lubricate the throttle cable with a commercially available lubricant to prevent premature wear and corrosion.



- (1) Rubber sleeve
- (2) Cable adjuster
- (3) Locknut
- (4) Throttle lever
- (A) 1~4 mm (0.04~0.16 in)

FRONT BRAKE SHOES INSPECTION

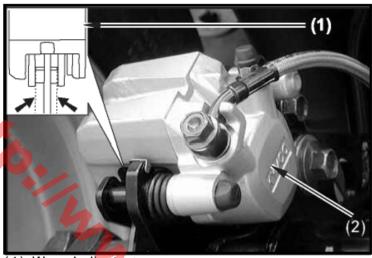
A wear indicator (1) is provided on each front brake. The indicators allows checking of brake shoe wear without disassembling the brake. Apply the brake and check the position of the indicator. If the indicator reaches the wear limit line(2), ask our dealer to replace the shoes as a set.



- (1) Wear Indicator
- (2) Wear Limit

REAR BRAKE PADS INSPECTION

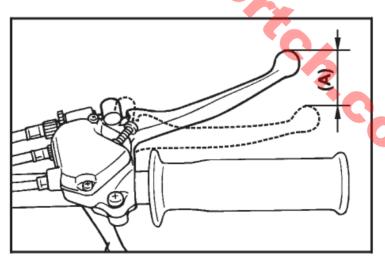
A wear indicator is provided on each brake. The indicators allow checking of brake pads wear. Check the position of the indicator. If the indicator reaches the wear limit line, ask our dealer to replace the pads.



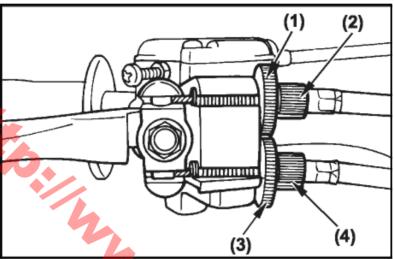
- (1) Wear Indicator(2) Wear Limit

FRONT BRAKE LEVER FREE PLAY ADJUSTMENT

The front brake lever free play should be adjusted to 10~20 mm (0.4~0.8 in) at the tip of the brake lever. If the free play is incorrect, adjust as follows:



(A) Free play 10~20 mm (0.4~0.8 in)

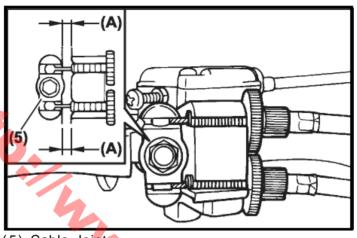


- (1) Upper locknut
- (2) Upper adjusting bolt
- (3) Lower locknut
- (4) Lower adjusting bolt
- 1. Loosen the upper locknut (1) and fully turn in the upper adjusting bolt (2).
- 2. Loosen the lower locknut (3).
- 3. Turn the lower adjusting bolt (4) until specified free play is obtained.

Specified free play:

10~20 mm (0.4~0.8 in)

- 4. Tighten the lower locknut.
- 5. While applying the front brake, turn out the upper adjusting bolt until the upper and lower cable lengths are equal. The cable joint (5) will become vertical.



- (5) Cable Joint(A) Cable Length
- 6. Tighten the upper locknut.

⚠ 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 our dealer.

BRAKE FLUID LEVEL INSPECTION

Insufficient brake fluid may let air enter the brake system, possibly causing the brakes to become ineffective.

Before riding, check that the brake fluid is above the minimum level mark and replenish if necessary. A low brake fluid level may indicate worn brake pads and/or brake system leakage. If the brake fluid level is low, be sure to check the brake pads for wear and the brake system for leakage. Observe these precaution:

When checking the brake fluid level, make sure the top of the brak fluid reservoir is level.

Use only the designated quality brake fluid, otherwise the rubber seals may deteriorate, causing leakage and poor brake performance.

Recommended Brake Fluid: DOT 4

⚠ WARNING

POTENTIAL HAZARD

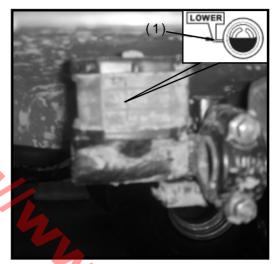
Brake fluid contacting the skink or eyes.

WHAT CAN HAPPEN

May cause irritation.

HOW TO AVOID THE HAZARD

Avoid contacting brake fluid with the skin or eyes. In case of contact, flush thoroughlywith water and call a doctor if your eyes were exposed.



(1) Lower level mark

Refill with the same type of brake fluid. Mixing fluids may result in a harmful chemical reaction and lead to poor brake performance.

Be careful that water does not enter the brake fluid reservoir when refilling. Water will significantly lower the boiling point of the fluid and may result in vapor lock.

Brake fluid may deteriorate painted surface or plastic parts. Always clean up spilled fluid immediately. Have our dealer check the cause if the brake fluid level goes down.

BRAKE FLUID REPLACEMENT

Complete fluid replacement should be done only by trained our service personal. Have our dealer replace the following components during periodic maintenance or when they are damaged or leaking.

Replace the oil seal every two years. Replace the brake hoses every four years.

NOTE

As the brake pads wear, brake fluid level drops, automatically compensating for wear. There are no adjustments to perform, but fluid level and pad wear must be inspected periodically. The system must be inspected frequently to ensure there are no fluid leaks.

If the brake lever travel become excessive and the brake pads are not worn beyond the recommended limit (page 97), There is probably air in the brake system and it must be bled. See your authorized dealer for this service.

CAUTION

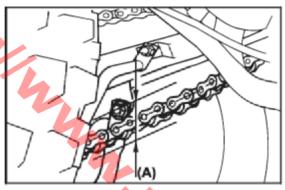
To prevent damage to the brake system, use only fluid from a sealed container. Never allow contaminants (dirt, water, etc.) to enter the brake fluid reservoir.

Brake fluid can damage paint and plastic, so handle the fluid with care. When adding brake fluid, be sure the reservoir is horizontal before removing the cover to prevent accidental spilling.

Use only DOT 4 brake fluid from a sealed container.

DRIVE CHAIN SLACK CHECK

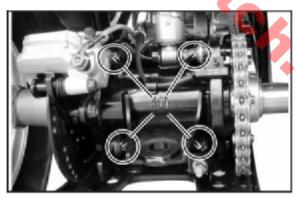
Inspect the drive chain while all tires are touching the ground. Check the slack at the position shown in the figure. The normal vertical deflection is approximately 10~20 mm (0.4~0.8in). If the deflection exceeds 20 mm (0.8 in), adjust the chain slack.



(A) 10~20 mm (0.4~0.8 in)

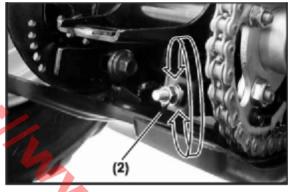
Drive chain slack adjustment

1.Loosen the upper and lower axle holding bolts (1).



(1) Axle holding bolt x 4

2. Turn the adjusting nut (2), to decrease or increase chain slack.



(2) Adjust nut

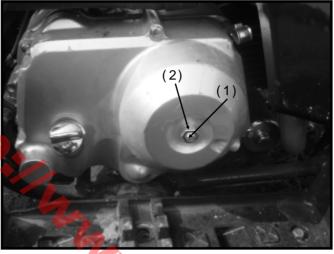
3. Retighten the upper and lower axle holding bolts.

CAUTION

Too little of chain slack will overload the engine and other important parts. Keep the slack within the specified limit.

CLUTCH ADJUSTMENT

- 1. Loosen the locknut.
- 2. Slowly turn the adjusting bolt counterclockwise until resistance is felt. Then, turn it 1/8 turn clockwise.



- (1) Locknut (2) Adjusting Bolt
- 3. Tighten the locknut to specified.

Tighten Torque: 15N.m (1.5 m.kgf 11 ft.lbf)

NOTE

Turn the adjusting bolt counterclockwise to decrease the clutch free play and turn it clockwise to increase the free play.

CABLE INSPECTION AND LUBRICATION

Lubricate the inner cables and the cable ends. If the cables do not operate smoothly, ask our dealer to replace them.

Recommended lubricant:

SAE 10W40 motor oil

⚠ WARNING

POTENTIAL HAZARD

Damaged control cables.

WHAT CAN HAPPEN

Corrosion can result when the outer covering of control cables becomes damaged.

Cables can also become frayed or kinked.

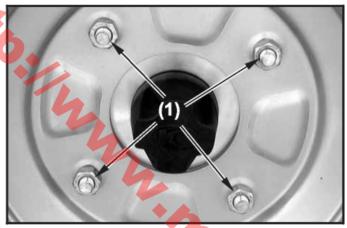
Operation of controls could be restricted, which could cause an accident or injury.

HOW TO AVOID THE HAZARD

Lubricate the inner cables and the cable ends. If the cables do not operate smoothly, ask our dealer to replace them.

WHEEL REMOVAL

- 1. Elevate the wheel by placing a suitable stand under the frame.
- 2. Remove the nuts from the wheel.
- Remove the wheel assembly.



(1) Wheel Nuts

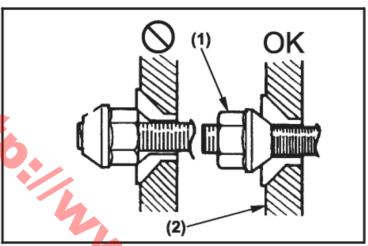
Wheel installation

When reinstalling a wheel, tighten the wheel nuts in a crisscross (rather than a circular) pattern.

Wheel nut torque:

Front/Rear: 45 Nm (4.5 m-kg, 32 ft-lb)

Be sure the tapered side of the wheel nuts (1) face the wheel rim (2).



- (1) Wheel Nut (2) Wheel Rim

⚠ WARNING

POTENTIAL HAZARD

Installing wheels improperly.

WHAT CAN HAPPEN

A wheel may come loose, possibly leading to an accident.

HOW TO AVOID THE HAZARD

Carefully follow the instructions in this Owner's Manual when installing.

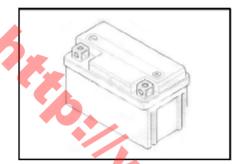
BATTERY

Your ATV battery is located under the front fender cover. The battery is sealed, so it is not necessary to check the electrolyte level or add distilled water. If the battery seems weak, see your authorized LONGTING dealer for information on recharging or replacement. If you replace the battery, choose one that is sealed and equivalent to the original. Be sure to read and follow all safety precautions indicated on the battery.





INITIAL SERVICE AND INSTALLATION OF BATTERY





MARNING

The following procedure is very dangerous and should be performed with utmost care and attention. Wear protective eyewear, rubber gloves, and have water available should electrolyte come in contact with skin or eyes. KEEP ALL CHILDREN AWAY FROM THE AREA WHILE THIS PROCEDURE IS BEING PERFORMED.

POISON CAUSES SEVERE BURNS

Contains sulfuric acid.

Avoid contact with skin, eyes, or clothing.

To prevent accidents, rinse empty container with water.

ANTIDOTE:

External flush with water

Internal Call physician immediately. Drink large quantities of water or milk. Follow with milk of magnesia, beaten eggs or vegetable.

Eyes Flush with water for 15 minutes and get prompt medical attention.

KEEP OUT OF THE REACH OF CHILDREN

NOTE

The following page is for ATVs with battery's containing separate electrolyte pack. Most battery's will come with the electrolyte already sealed into the battery.

Preparing the battery:

Place battery on level surface. Remove sealing tape from top.

Take the electrolyte container out of the plastic bag.



Place electrolyte container upside down with the sealed silver mouths of the electrolyte bottles in line with the six filler holes of the battery.



Push the container down strongly enough to break the silver seals.



As electrolyte starts flowing into battery, air bubbles will come up from the mouths of the plastic electrolyte bottles.

Leave bottles upside down in battery holes until electrolyte is completely drained.

Never leave children unattended around battery.

If air bubbles cease to float to the top of the electrolyte bottles, tap lightly on top.

DO NOT remove container from battery while it is draining.

Never cut or pierce electrolyte container.

After all the electrolyte has drained from the bottles into the battery, pull plastic electrolyte bottles gently out of the battery.

Discard empty electrolyte bottles in a waste area that is inaccessible to children and animals.

After filling let battery stand for at least 30 minutes before charging. This allows the electrolytes to penetrate plates for optimum performance and ensures longer battery life.

After 30 minutes the battery is ready for its initial charge. Place cap strip loosely over the filling holes as shown in the picture.



How to Initially Charge the battery

Connect the red positive (+) cable to the red positive (+) pole of the battery. (See the following picture)





2. Connect the black negative (-) cable to the black negative (-) pole of the battery. (See the following picture)



NOTE

The red positive (+) cable has a larger diameter than the black negative y cable.

3. Charging rate: Charge battery @ 0.7 Amps for $5 \sim 10$ hours.

After charging is complete, press down firmly with both hands to seat the caps. (Do not pound or hammer.) The battery is now sealed. (see the following two pictures)





NEVER REMOVE TE STRIP OF CAPS NOR ADD ANY WATER OR ELECTROLYTE.

Install battery into battery tray making sure that the rubber mat is in place. The warning label on the battery should be facing the warning label on the gray tray. (See the following picture)



Once battery is firmly seated in gray tray with rubber mat under it, attach the red positive wire to the red positive terminal on the battery.

BATTERY CHARGING

NOTE

Use a battery charger with 2 amps or less.

Charging Rate: 0.7 A x 5 ~ 10 h

(Charge for 5 10 hours @ 0.7 Amps)

First remove the black negative y lead from the battery.

Then remove the red positive A lead from the battery.

Remove the battery from the battery tray.

Check the battery voltage with a meter.

If the voltage reading is below 12.3V, recharge the battery.

Battery Service Limit:

Fully Charged 12.8 V

Needs Charging 12.3 V

How To Charge The Battery

Connect the red positive (+) cable to the red positive (+) pole of the battery. (See the following picture)



Connect the black negative (-) cable to the black negative (-) pole of the battery. (See the following picture)



NOTE

Always keep the battery clean. Apply dielectric grease around the battery terminals to prevent corrosion.

⚠ WARNING

ADO NOT open sealed caps to add water to battery.

ÄAlways wear safety glasses and charge in a ventilated area.

Alf battery gets hot to the touch, discontinue charging and allow battery to cool down.

ÄDo not use fast charging unless it is an emergency.

AAt the beginning or end of charging, turn off the charger first, in order to prevent electric spark and explosion.

ÄCharge in a well ventilated area.

ÄDO NOT smoke around batteries and keep away from open flame.

BATTERY REPLACEMENT

ÄRemove old battery. Mark which cable is connected to the positive terminal Å and which cable is connected to the negative y terminal.

AClean cable connectors with wire brush or sandpaper to remove oxidation.

AAfter charging, install new battery. Put dielectric grease on the battery terminals to avoid corrosion. Connect cables to the proper terminals. Positive cable to positive terminal A and negative cable to negative terminal y.

ÄPositive Å cable is red and larger in diameter. Negative y cable is black and smaller of the two in diameter. CONNECT NEGATIVE CABLE LAST.

ÄTorque terminal bolts to 40 in. / lbs.

APlace rubber pad in bottom of battery tray.

ASecurely fasten battery to the vehicle using strap.

MARNING

ÄTo avoid possibility of explosion, always connect battery cable in the order specified: RED first; BLACK last. An exploding battery can cause serious injury or death.

ÄBatteries contain sulfuric acid.

ÄAlways shield eyes with protective eyewear when working around battery acid.

ÄBattery acid is poisonous and can cause severe burns.

ÄDO NOT smoke around batteries and keep away from open flame.

NOTE

When the ATV is to be stored for an extended period, remove the battery from the vehicle and charge it fully. Then store it in a cool, dry place. If the battery is to be left on the vehicle, disconnect the negative cable from the battery terminal.

Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.

TROUBLESHOOTING

Although our machines receive a rigid inspection before shipment from the factory, trouble may occur during operation. Any systems can cause poor starting and loss of power. The troubleshooting chart describes a quick, easy procedure for making checks. If your machine requires any repair, take it to a skilled technicians at our dealership have the tools, experience, and know-how to properly service your machine.

Imitation parts may look like our parts, but they are often inferior. Consequently, they have a shorter service life and can lead to expensive repair bills.

⚠ WARNING

POTENTIAL HAZARD

Checking the fuel system while smoking or near an open flame.

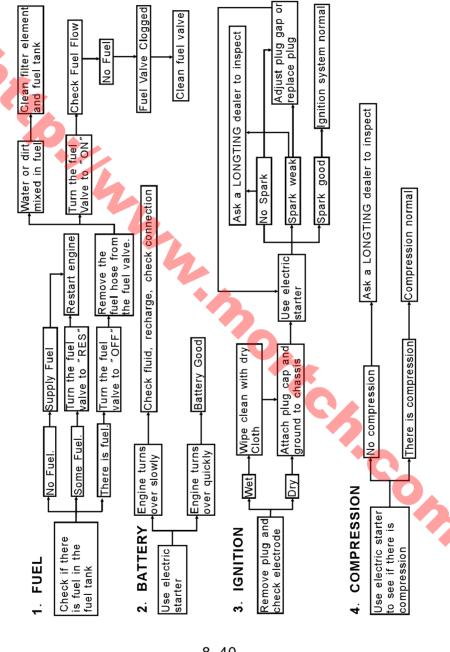
WHAT CAN HAPPEN

Fuel can ignite or explode, causing severe injury or property damage.

HOW TO AVOID THE HAZARD

Do not smoke when checking the fuel system. Make sure there are no open flames or sparks in the area, including pilot lights from water heaters or furnaces.

Troubleshooting Chart as the following



CLEANING AND STORAGE

CLEANING

Frequent, thorough cleaning of your machine will not only enhance its appearance but will improve its general performance and extend the useful life of many components.

- 1. Before cleaning the machine:
- A. Block off the end of the exhaust pipe to prevent water entry. A plastic bag and strong rubber band may be used.
- B. Make sure the spark plug and all filler caps are properly installed.
- 2. If the engine case is excessively greasy, apply degreaser with a paint brush. Do not apply degreaser to the chain, sprockets or wheel axles.
- 3. Rinse the dirt and degreaser off with a garden hose. Use only enough pressure to do the job.

CAUTION

Excessive water pressure may cause water seepage and deterioration of wheel bearings, brakes, transmission seals and electrical devices. Many expensive repair bills have resulted from improper high pressure detergent applications such as those available in coinoperated car washers.

- 4. Once the majority of the dirt has been hosed off, wash all surfaces with warm water and mild, detergent-type soap. An old toothbrush or bottle brush is handy for hard-to-get-at places.
- 5. Rinse the machine off immediately with clean water and dry all surfaces with a chamois, clean towel or soft absorbent cloth.
- 6. Dry the chain and lubricate it to prevent rust.

- 7. Clean the seat with a vinyl upholstery cleaner to keep the cover pliable and glossy.
- 8. Automotive type wax may be applied to all painted and chrome plated surfaces. Avoid combination cleaner-waxes. Many contain abrasives which may mar the paint or protective finish. When finished, start the engine and let it idle for several minutes.

POTENTIAL HAZARD

Operation with wet brakes after washing.

WHAT CAN HAPPEN

Wet brakes may have reduced stopping ability, increasing the chance of an accident.

HOW TO AVOID THE HAZARD

Test the brakes after washing. Apply the brakes several times at slow speeds to let friction dry out the linings.

STORAGE

Before storing your ATV for an extended time, be sure you thoroughly check the vehicle for needed repairs and have them corrected. Otherwise, the repairs may be forgotten by the time you remove the vehicle from storage. In addition, extended storage requires that you take the following steps to reduce the effects of deterioration from non-use of the vehicle:

- 1. Change the engine oil.
- 2. Drain the fuel tank and carburetor. Be sure to drain the fuel in a well-ventilated area, not in a garage.

POTENTIAL HAZARD

Refueling this ATV or handling fuel improperly.

WHAT CAN HAPPEN

The fuel could explode or ignite.

HOW TO AVOID THE HAZARD

Always refuel this ATV and handle fuel in a well-ventilated area with the engine off.Do not smoke or allow flames or sparks in the area where fuel is handled.

Do not overfill the tank. Be careful not to spill fuel when refueling. After refueling, make sure the fuel fill cap is closed properly and securely.

If any fuel is spilled, make sure the area is dry before starting he engine.

⚠ WARNING

POTENTIAL HAZARD

Prolonged contact of fuel with the skin. Breathing fuel vapor.

WHAT CAN HAPPEN

The fuel can cause skin irritation. Fuel vapor could cause lung damage.

HOW TO AVOID THE HAZARD

Avoid repeated or prolonged contact of fuel with the skin or breathing of fuel vapor.

KEEP OUT OF REACH OF CHILDREN.

- 3. Remove the spark plug and pour one tablespoon (15 20 cc)of clean engine oil into the cylinder. Operate the starter for a few seconds to distribute the oil, then reinstall the spark plug, (Make sure the engine stop switch is OFF before pressing the starter button.)
- 4. Remove the battery And store it in an area protected from freezing temperatures and direct sunlight and out ofthe reach of children, slow charge the battery once a month.

POTENTIAL HAZARD

Allowing open flames or sparks near the battery.

WHAT CAN HAPPEN

Gases may explode and possibly cause injury.

HOW TO AVOID THE HAZARD

Do not allow open flames or sparks near the battery.

- 5. Wash and dry the ATV, and wax all painted surfaces.
- 6. Inflate the tires to their recommended pressures.
- 7. Place the ATV on blocks to raise all four tires off the ground.
- 8. Lbricate all control cables.
- 9. Tie a plastic bag over the exhaust pipe outlet to prevent moisture from entering.
- 10. If storing in a humid or salt-ait atmosphere, coat all exposed metal surfaces with a light film of oil. Do not apply oil to any rubber parts or the seat cover.

SPECIFICATIONS

DIMENSIONS

Overall Length 1180mm
Overall Width 680mm
Overall Height 710mm
Wheelbase 810mm
Front Track 510mm
Rear Track 510mm
Ground Clearance 60mm

ENGINE

Type

Bore x Stroke
Displacement
Compression ratio
Carburetor
Output Power
Maximum Torque
Starting
Ignition
Lubrication

Spark Plug Plug gap Fuel type Lubricate oil

Transmission

Single Cylinder 4-Stroke

Air-Cooled 39mm×41.4mm

49.46 cc 9.4:1 PZ16

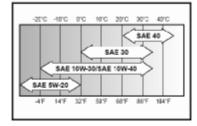
2.2KW/8500r/min 3.0Nm/7000~8000r/min

Electric C.D.I.

Force & Splash

Single Stage Automatic

Clutch D8REA 0.6-0.7mm RQ90 (unleaded)



CAPACITIES

Maximum load 60KG
Fuel tank 3.5L
Engine oil 800ml
Starting <5s
Climbing 15°

Battery 12V 4Ah Head Light 12V 16W

Brake Track < 7m @ 20miles/h
Top speed 25km/h (or limited as customers require)

CHASSIS

Front, Rear Brake Drum/Disc

Right/Left Hand Control

Front tire AT14.5 × 7-6
Rear tire AT14.5 × 7-6
Final Drive Chain Chain Drive

TIRE PRESSURE

Front 25 kPa Rear 25 kPa

WEIGHT

Net Weight 74 KG

NOISE REGULATION

TAMPERING WITH NOISE CONTROL SYSTEM PROHIBITED:

Some local laws and regulations prohibit the following acts or the causing thereof: (1) The removal or rendering inoperative by any person other than for purposes of maintenance, repair, or replacement of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use or (2) the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

"AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE ACTS LISTED BELOW".

Exhaust system	Muffler Exhaust pipe Silencer
Intake system	Air cleaner case Air cleaner element Intake duct

MAINTENANCE RECORD

Copies of work orders and/or receipts for parts you purchase and install will be required to document maintenance done in accordance with the warranty. The chart below is printed only as a reminder to you that the maintenance work is required. It is not acceptable proof of maintenance work.

MAINTENANCE INTERVAL	DATE OF SERVICE	MONTH	SERVICE DEALER NAME AND ADDRESS	REMARKS
150 km	2			
1000 km	2			
2000 km				
3000 km		7		
4000 km			A N	
5000 km			(9)	
6000 km				†
7000 km				0
8000 km				
9000 km				
10000km				

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ALWAYS USE NEVER
AN USE ON
APPROVED PUBLIC
HELMET ROADS
AND
PROTECTIVE
GEAR

NEVER NEVER USE CARRY WITH PASSENGER DRUGS OR S ORALCOHOL

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.

With a passenger-passengers affect balance and steering control.

ALWAYS:

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

Avoid paved surfaces-pavement may seriously affect handling and control.

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

