

READ THIS MANUAL CAREFULLY!
It contains important safety information

OWNER'S MANUAL

ATV70-C Anyone under 6 should
not be allowed to operate this vehicle.

Our company has passed the certification of ISO9001.



ATV70-C

ATTENTION

Break-in of New ATV

Your ATV requires 800km break-in when you start to drive it. During the break-in period, do not run the ATV at a speed over 35km/h or the engine will be seriously damaged. Do remember to replace the gear oil after the break-in period . The grade of oil recommended is: 10w-40 for winter time and 15w-40 for summer time.

Introduction

Congratulations on your purchase of ATV70-C It represents the result of many years of our experience in the production of fine machines, You can now appreciate our craftsmanship and reliability of the master piece.

This manual will provide you with a good basic understanding of the features and operation of this machine .This manual includes important safety information.Failure to follow the warnings contained in this manual can result in serious injury or death.It provides information about special techniques and skills necessary to your machine.

AN IMPORTANT SAFETY MESSAGE:

.READ THIS MANUAL CAREFULLY AND COMPLETELY BEFORE OPERATING YOUR MACHINE .MAKE SURE YOU UNDERSTAND ALL INSTRUCTIONS.

.PAY CLOSE ATTENTION TO THE WARNING AND CAUTION LABELS ON THE MACHNE.

.NEVER OPERATE AN ATV WITHOUT PROPER TRAINING OR INSTRUCTION.

.THIS ATV SHOULD NOT BE RIDDEN BY ANYONE UNDER 6 YEARS OF AGE FOR 70cc DISPLACEMENT.

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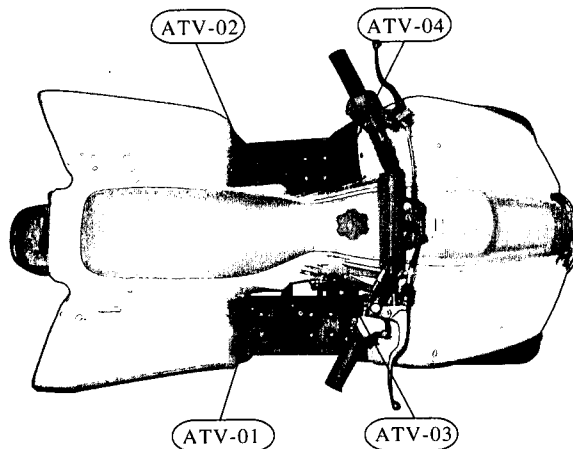
1.LOCATION OF THE WARNING AND SPECIFICATION LABELS

Read and understand all of the labels on your machine.

They contain important information for safe and proper operation.

Never remove any labels from your machine.

If a label becomes difficult to read or comes off, a replacement lable is available from your dealer.



ATV-01

⚠ WARNING

Improper ATV use can result in SEVERE INJURY or DEATH



ALWAYS USE AN
APPROVED HEL-
MET AND PROTEC-
TIVE GEAR



NEVER CARRY
PASSENGERS



NEVER USE ON
PUBLIC ROADS



NEVER USE
WITH DRUGS
OR ALCOHOL

NEVER operate:

- without proper training or instruction
- with a passenger-passengers affect balance and steering and increase risk of losing control.
- on public road-streets or highways. This vehicle is designed and manufactured for OFF-ROAD USE ONLY.
- at speeds too fast for your skills or the conditions.

ALWAYS

- use proper riding technique to avoid vehicle overturns on hills and rough terrain and in turns.
- avoid paved surfaces-pavement may seriously affect handling and control.
- shut off engine, avoid sparks and open flame when refueling.

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

ATV-01

ATV-02

⚠ WARNING

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

OPERATING TIRE PRESSURE: Set with tires cold.
Recommended: FRONT: 20Kpa (0.20kgf/cm) 2.8psi
REAR : 20Kpa (0.20kgf/cm) 2.8psi

Minimum : FRONT: 17Kpa (0.17kgf/cm) 2.4psi
REAR : 17Kpa (0.17kgf/cm) 2.4psi

NEVER set tire pressure below minimum. It could cause the tire to dislodge from the rim.

LOADING

Maximum vehicle load: 45kg (99lbs).
includes weight of operator, cargo and accessories.

ATV-02

ATV-03

⚠ WARNING



Operating this ATV if you are under the age of 6 increases your chance of severe injury or death. Adult supervision and instruction are required

NEVER operate this ATV if you are under age 6.

ATV-03

ATV-04

⚠ WARNING

NEVER ride as a passenger.






Passengers can cause a loss of control, resulting in SEVERE INJURY or DEATH.

ATV-04

ATV-05

ATTENTION!!



PRESS  BUTTON WHENEVER YOU START THE ATV. IN CASE ATV IS NOT STARTED WITHIN 30 SECONDS AFTER YOU PRESS THE BUTTON, YOU SHOULD PRESS IT AGAIN. PRESS  YOU CAN STOP THE ATV WITHIN 50 METERS. THEN YOU SHOULD PRESS  BEFORE YOU START THE ATV AGAIN.

ATV-05

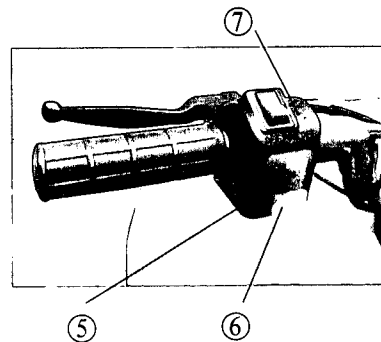
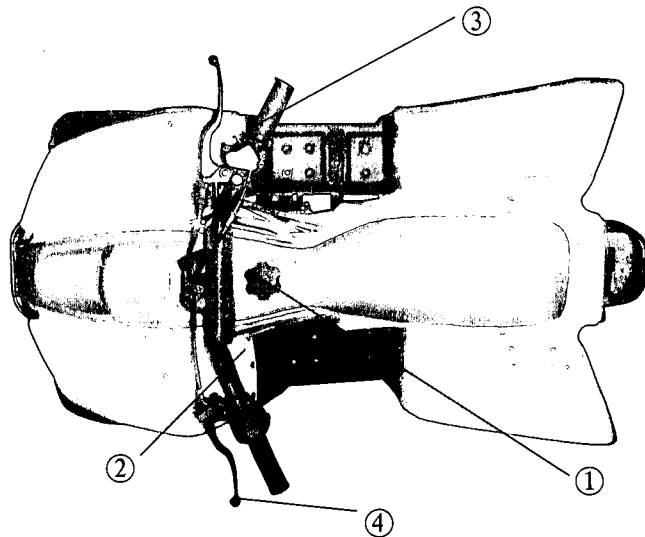
2.NOTES FOR SAFETY

- Read this owner's manual carefully before riding.
- This vehicle is designed for the riders age 6 and older for 70cc displacement .
- Both the parents and their children must fully understand everything in this manual before riding.
- This vehicle is for OPERATOR-ONLY.Never carry passenger on an ATV.
- Always wear a helmet,face shield ,boots,gloves and protective clothing when riding.
- Beginners should receive training from a cretified instructor.
- The practice location must be a level,free of obstacles,off-road area.
- It is illegal to ride this vehicle on public roads or highways,If it is necessary to cross a public road,dismount from the vehicle and push it across.
- Don't allow your child to ride without supervision.
- Don't take alcohol or drugs when riding,They can affect your judgement and slow down reaction time.
- Maintain a safe distance between your vehicle and other off-road vehicle.
- Never ride this vehicle unless it has been properly adjusted and maintained.
- Never run the engine in close areas.The exhaust gas contains poisonous carbon monoxide.
- Don't touch any part of the engine,muffler and exhaust systerm during and following operation.

- 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 slow 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. 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 of 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.
- When transporting the machine in another vehicle, be sure it is kept upright and that the fuel cock is in the “OFF” position. Otherwise, fuel may leak out of the carburetor or fuel tank.

3.DESRIPTION

PARTS LOCATIONS



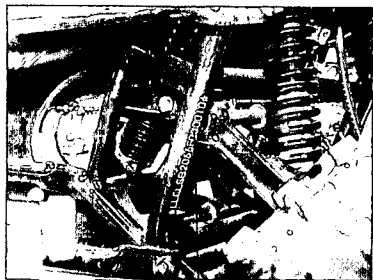
1.Fuel tank 2.Fuel valve 3.Throttle lever 4.Rear brake lever 5.Engine stop switch 6.Starter
7.Lights switch

Identification number record

For ordering spare parts from our dealer or for reference in case the vehicle is stolen, record vehicle identification number and engine number in the spaces provided for assistance.

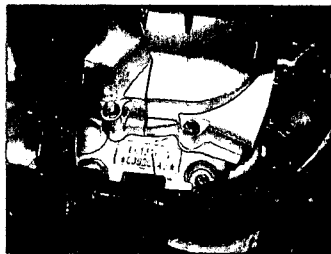
(1) vehicle identification number

The vehicle identification number is stamped on vehicle frame. Use for identifying your vehicle .



Vehicle number

(2) Engine number

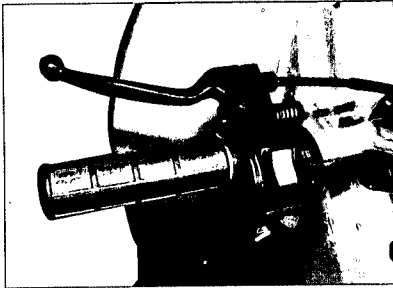


Engine number

PARTS FUNCTION

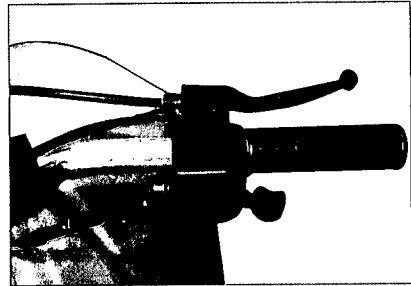
a.Engine stop switch

The engine stop switch is on the left handlebar .When the switch is in the “OFF” position,the engine will not operate .This switch can be used as a safety or emergency switch.Be sure to push the switch to the “ON” position when you start and operate the machine.



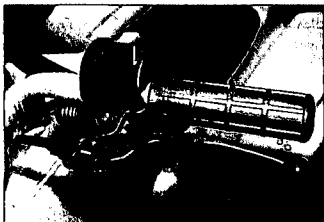
b.Throttle lever

The throttle lever is beside the right handlebar grip to be activated by the right hand thumb.To accelerate the vehicle,simply press lever forward.To decelerate,just release the lever and the throttle will close automatically.



c. Parking brake

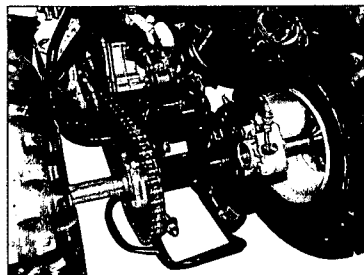
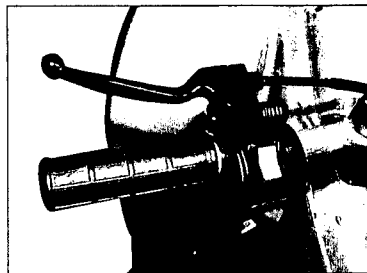
when parking, squeeze the left hand brake lever. And at this moment press the parking brake button on the left handlebar brake set. Make sure that the brake lever is locked for more safety. Only squeeze the left hand brake lever once again the parking brake will be released in free motion.



d. Mechanical disc rear brake

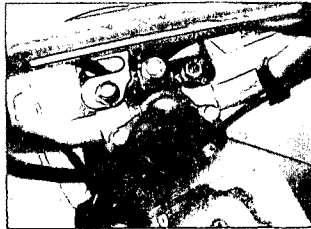
The mechanical disc rear brake is operated with the lever on the left handlebar. When braking, grasp this lever which applies the brake to the rear wheels.

Always keep the disc plate clean, refrain from grease.



e.Safety switch

There is a rider safety device with this vehicle. The safety switch is located near handle bar. The cap of the switch tied to a rope is normally connected to the safety switch when riding the vehicle. This rope should be attached to the rider. The engine will stop automatically when the switch cap is off from the switch.



Safety switch

FUEL

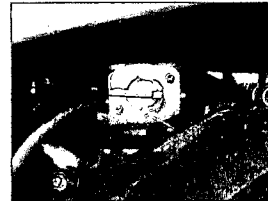
a.Fuel valve

The three way fuel valve is on the left side

of the vehicle

OFF Switch mark “●”


If the lever is in this position, fuel will not flow. Always turn the lever to this position when the engine is not running.



ON Switch mark “⊐”

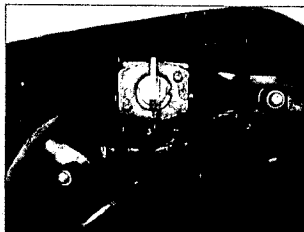
If the lever is in this position, fuel flows to the carburetor. Normal riding is done with the lever on this position.



Res Switch mark “”

After refueling return the fuel cock lever to the “ON” position.

when your ATV run out of fuel while riding, Turn the fuel cock from “ON” to “Res”,you can run your ATV for a few minutes.



b.Fuel tank

Fuel tank capacity is 3.2liter(0.87gal).
gasoline with octane number of 91or higher

may be used.

After refueling,be sure to tighten the tank cap firmly.

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

ENGINE OIL

Four-stroke engine oil must be added to the Cramkoop periodically.check oil indicator every time before operating this vehicle.

If oil supply to engine is not enough,the machine will be out of order,it can not work again,you can refill the oil into the cramkcase behind the engine.



Oil hole

Light switch

The light switch is on the left handbar. when the switch is on the mark “●”, it means to turn off light. Be sure to push the switch to the mark “HL” position, the light is turned on.

TIRES

Check tire pressure frequently with the air pressure gauge.

Tire should be inflated to the recommended pressure.

Recommended: FRONT: 20kpa, (0.2kgf/cm²), 2.8psi

REAR: 20kPa, (0.2KGF/CM²), 2.8psi

Minimum: FRONT: 17Kpa, (0.17kgf/cm²),

2.4psi

REAR: 17Kpa, (0.17kgf/cm²), 2.4psi

The pressure should be checked when the tires are “cold” before running the vehicle.

Tire wear limit

When the tire groove decreases to 3mm (0.1”) due to wear, replace the tire.



OPERATION INSPECTION

Inspect your vehicle every day before you run it. It only takes a few minutes to check and might save your life.

Check oil level in crankcase. The oil level should be between the maximum and mini

mum marks.

Check brake operation.If any problem cannot be corrected by the adjustment,have the ATV inspected by leader

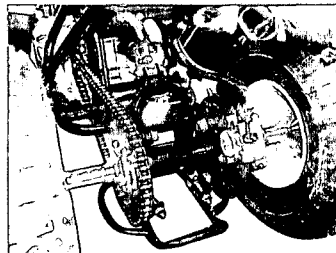
Check tires condition and pressure as recommended.

Check throttle for smooth opening and closing.It must return back to idle position when released.

Check engine stop switch for good function.

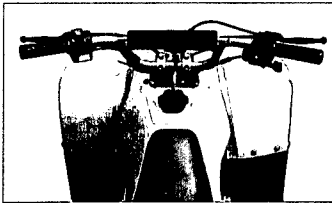
Check steering for proper wheels turning .

Check nuts,bolts and other fastners.



STARTING PROCEDURE

1. Parking the vehicle on a level surface and lock the parking brake.
2. Turn the fuel valve to "ON".
3. Move the engine stop switch to "ON"
4. Grasp the lever on the right handbar or left.
5. Push the start button on the left handlebar.
6. Push the throttle lever slightly.



RUN-IN

During the first two weeks of riding, run your new vehicle tenderly. Don't run as fast as to approach maximum rpm.

This run-in process will greatly enhance

the long term power and the life of the engine.

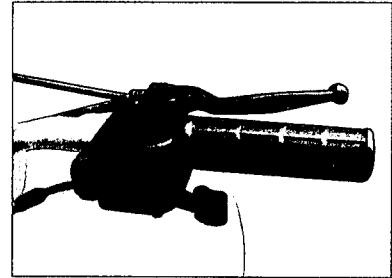
RIDING

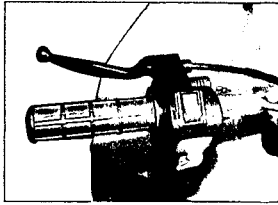
Begin by finding a safe area free of obstacles with a level surface. Always keep your feet on the footrest during operation.

Under normal riding conditions it is not necessary to touch the ground for balance.

Then:

1. Start the engine.
2. After the engine has been warmed up, release the parking brake. The vehicle is ready for riding.

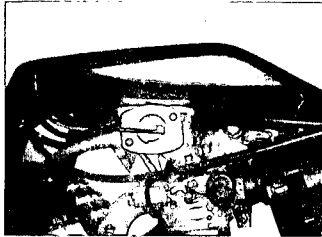




3. Increase engine speed by opening the throttle gradually.

PARKING

1. Parking at a level surface.
2. After stopping the vehicle, turn the engine stop switch to OFF position.
3. Lock the parking brake at the left handlebar.



TURNING

It is essential that this skill shall be learned at first at low speed. The rider must learn to move his weight and control the throttle to allow the rear tires to get the turn. When turning, the wheel on the outside of the turn must travel a wider radius and thus a greater distance than the inside wheel. As the rear axle does not permit a differing rate of wheel rotation, it is not enough to merely steer this vehicle into a turn. To turn, steer in the direction of the turn, leaning your body to the inside of the turn, while supporting your weight on the outer footrest. Use the throttle to maintain power throughout the turn. Incorrect turning may cause the front wheels to slide straight ahead. If this should occur, close the throttle

and stop. Avoid braking or accelerating until you have regained directional control. Be careful to avoid skids while traveling on slippery terrain.

Climbing uphill

Practice riding at first on gentle slopes. Try more difficult climbs only after you have developed your skill. Avoid excessive steep hills or slopes with slippery or loose surface in rough terrain. Keep both feet on the footrests. When climbing a hill, shift your weight forward, proceed at a steady rate of speed and throttle opening. If you are unable to continue up the hill, dismount vehicle on the uphill side. Physically turn the vehicle

around and then descend the hill.

Crossing through shallow water.

ATV70 can be used to cross slow moving, shallow water of up to a maximum of 16cm (6.3") in depth. Entering the water where there is no sharp drop off, rocks or other. Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water until you have regained proper braking ability.

5.MAINTENANCE

MAINTENANCE SCHEDULE

The maintenance intervals in the following table are based upon average riding and conditions. Riding in unusual dusty areas require more frequent servicing.

Item	INITIAL SERVICE (First week)	REGULAR SERVICE (Every 30 operating days)	Every year
Fuel line			I
Throttle operation	I	I	
Air cleaner		C	
Spark plug		I	
Carburetor adjustment	I	I	
Idle speed adjustment	I	I	
Drive chain	I, L	I, L	I
Throttle cable	I	I	I
Brake shoe wear			
Brake system	I	I	
Nut, Bolt, Fastener	I	I	
Wheel	I	I	
Steering system			I
Suspension system			I
Buttery	I	I	
Air filter		C	

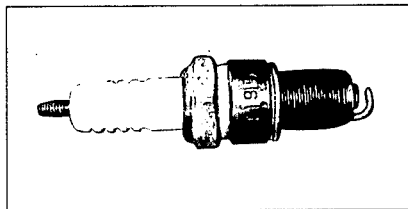
Note I:inspect and clean.Adjust,lubricate or replace,if necessary.

C:clean L:Lubricate

SPARK PLUG

Standard spark plug;TORCH LDE6T

- 1.Disconnect the spark plug cap.
- 2.Clean up dirt from around the spark plug base.
- 3.Remove the spark plug.
- 4.Inspect the plug electrodes for wear.If the electrodes and insulator tip appear unusually fouled or burned.change a new one. Discard the spark plug if there is apparent wear or if the insulator is cracked or chipped.
- 5.The spark plug gap shall be kept in 0.6-0.7mm(0.24"-0.28").If adjustment is necessary,bend the side electrode carefully.
- 6.Install the spark plug,screw it in finger tight and then tighten with the plug wrench another 1/2 turn to compress the washer.



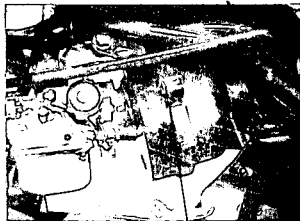
AIR CLEANER

The air cleaner will accumulate dust and must be cleaned periodically.If riding in very dusty area,the filter must be cleaned more frequently.

To clean the filter:

- 1.Remove the air cleaner cover.
- 2.Take out the filter from the air cleaner case.
- 3.Wash the filter element in a non-flammable or high flash-point solvent.Soak the element in clean oil until saturated,then squeeze out the excess oil.

4. Let the filter element dry and reinstall it.

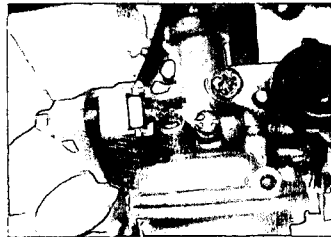


Air cleaner

Carburetor and idle speed adjustment

The carburetor is a vital part of the engine and requires very sophisticated

adjustment. Most adjustments should be left to the leader who has the professional knowledge and experience to do so.

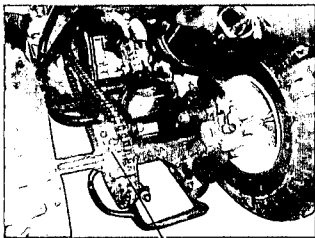


BRAKE

Check the brake cable for kinks or signs of wear that could cause sticking or failure. Lubricate the brake cable with a available cable lubricant to prevent premature wear or corrosion.

Make sure that the brake arm, spring, rod and fasteners are in good condition.

Ask your leader to replace the pads when they are almost in contact with the disc plate.



Rear axle housing

DRIVE CHAIN

Sometimes, it needs to lubricate the chain. The SAE 80 or 90 gear oil is recommended.

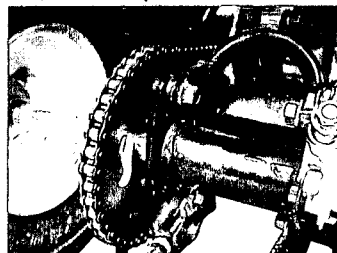
The chain will loosen with use, how to adjust chain.

① Release two rear axle housings nuts and bolts (total six nuts and six bolts).

② Release two Rear axle housings simultaneously, make sure equal degrees rotation of those and keep the chain vertical

suitable distance.

③ Tighten those bolts and nuts.



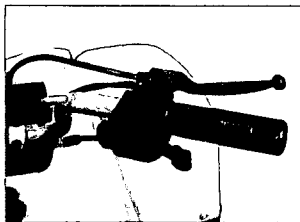
THROTTLE CABLE

Inspect throttle cable condition and operation. Replace the cable if it has become worn or kinked.

Lubricate the cable with lubricant to prevent premature wear or corrosion. Adjustment can be made with the adjuster beside the throttle lever.

Loosen the lock nut and turn the adjuster.

The free play should be maintained at 5-10mm(0.197-0.254).



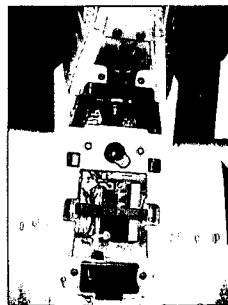
BATTERY

When reinstalling the battery, be sure to connect the red cable to the positive(+)lead and the black cable to the negative(-)lead.

When the battery no longer can hold a charge, replace it. The battery should be replaced every three years as a normal service.

Check the level of battery fluid and see if the terminals are tight.

Add distilled water if the fluid level is low. The level should be between the upper and lower level marks.



Fuel RON 90 # Unleaded fuel
Engine oil SAE20
Gear oil API GL-5

6.SPECIFICATIONS

ENGINE	ATV 70
Displacement	66CC
Cylinder	1
Cooling	Air-cooled
Type	4-stroke-horizontal
Bore and stroke	47mm × 41.4mm
Lubrication	oil injection
Fuel capacity	3.2liter
Oil capacity	0.65liter
Transmission	Single speed
Drive Train	Chain
Starting	Electric
Compression ratio	8.8:1

Power max 3.8KW/8000 rpm
Torque max 4.5N-m/6000 rpm

DIMENSION

Wheelbase	828mm
Length	1335mm
Seat Height	542mm
Width	730mm
Height	780mm
Dry weight	74 ± 2kg
Seat height	542mm
Overall Dimension	1335 × 730 × 780
Tires front	AT16 × 8-7
Tires, rear	AT16 × 8-7
Max, Load	45kg
Max, Speed	35km/h

7.WARRANTY

OBLIGATION

The obligation under this warranty is limited to repairing or replacing at our option,

any part that is proven to be defective in material or factory workmanship under normal use for the applicable period stated below. Parts to be repaired or replaced under this warranty apply during the warranty period.

OBLIGATION OF VEHICLE OWNER

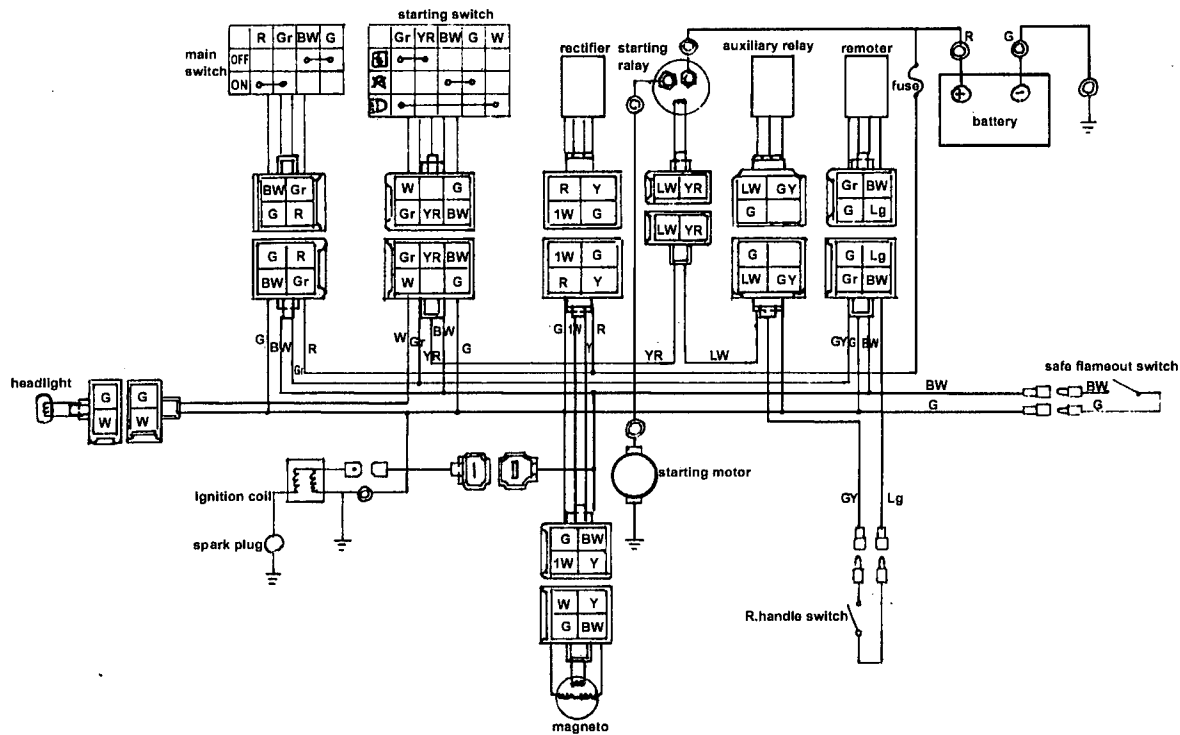
You must, at your own expense, have all the scheduled maintenance performed in accordance with the maintenance schedule in the owner's manual.

WARRANTY PERIOD

This vehicle is covered by this warranty for period of 6 months from the date of purchase.

EXCLUSIONS

Failures other than those resulting from defects in material or workmanship are not covered by this warranty. This warranty does not cover replacement of expendable maintenance items made in connection with required maintenance services, such as spark plugs, filters and lubricants. This warranty does not extend to tires. The vehicle used for racing competition, commercial uses including rentals will void this warranty.



|| **ATV70-C** ||

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