

# WARNING

- Operation of this ATV by children under the age of 16  
Increase of the risk of severe injury or death
- An adult supervision required always.
- Never permit children under age 16 to operate this ATV
- Overloading can adversely affect vehicle handling
- Operator use only, passengers prohibited
- This vehicle is designed and manufactured for  
OFF-ROAD use only.
- Driving on public streets, roads or highways is illegal.
- Always wear helmet and other protective equipment.
- Do not operate this vehicle after consuming Alcohol or  
Drugs.
- Gasoline is flammable, when refueling. Please shut off engine.  
to avoid sparks and open flame.
- Read owner's manual carefully before riding. Keep  
owner's manual with vehicle.

# FOREWORD

Thank you choose this all terrain vehicles

The all-terrain vehicle is based on market demand, production of a comprehensive survey. We hope that it will bring you driving pleasure.

Please read Dian Aberdeen before driving the manual, because it will help you understand it all terrain vehicles on the structure, role, operation and maintenance of basic knowledge, while you keep off-road vehicles are in good condition and safe driving will be very useful.

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# PAY ATTENTION TO YOUR SAFETY

The non-road vehicle use, and never-in the streets, sidewalks and motor vehicles driving along.

Drivers must be over 16 years of age, driving the need for skilled personnel and adequate comprehension, intelligence and judgment to safely control driving. And accompanied by a guardian.

It will bring unparalleled freedom feelings. In order to achieve the best performance, the vehicle must always reach the correct maintenance. Being driver, you should be recognized for your good health, so that you do not fatigue in the best condition you were under control. Medication, drugs, drink, unable to ride, especially alcohol, this will increase the possibility of personal distress.

Liquor very dangerous, even a small amount.

Travel must be good quality bull wearing safety helmets, gloves, put on their boots and put on their long EC colorful protective clothing. (Both to protect themselves, but also aroused the attention of others)

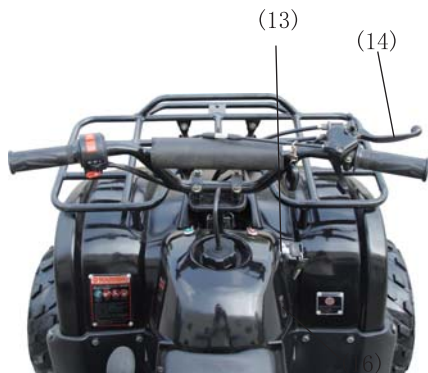
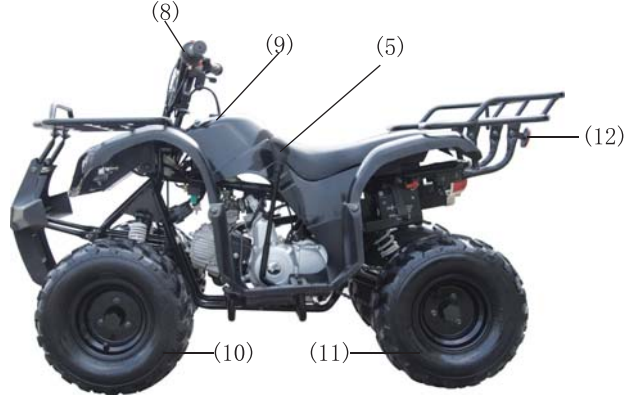
When traveling to other vehicles and pedestrians who maintain a certain distance.

# GUIDELINES ON SAFE DRIVING

1, when approaching corners or bends to reduce speed. Upon the completion of turn, may gradually increase the speed.

2, when crossing the vehicles parked in front of, to be very careful. Because the driver of the vehicle may be invisible to you and the door opened, the forward block in your way.

3, Brake Lining may Motorcycle rinsing wetting lose their role, so when cleaning End after walking ago, should check all brake system



## DESCRIPTION

(1)Rear rack

(2)Muffler

(3)Seat

(4)Foot brake

(5)Gearshift pole

(6)Front rack

(7)Protector frame

(8)Handle bar

(9)Oil tank

(10)Front wheel

(11)Rear wheel

(12)Rear light

(13)Key switch

(14)Front brake

# ATV RECOGNITION



VIN plate number and product VIN (See left picture)

Engine model and serial number (See right picture)



# CONTROL FUNCTIONS

## 1、 The ignition switch



Location	Functions	Key state
	All circuits wre disconnected	Pull out
	Circuit was connected,engine starter	Not pull out



## 2、 Multifunction switch

### 1)、 Proximity switches



Location	Function
	Turn on high beam
	Turn on dipped headlight and rear light

### 2)、 Starter switch



When the press the starter switch,  
engine rotation  
Notes:use with brake

### 3)、 Off switch



When the press the left or right  
switch, stop rotating engine

### 3、 The front wheel brake handle



Front-wheel  
brake handle in  
the right hands.  
To handle its  
direction pinch  
Rafah as a  
front-wheel  
brake.

### 4、 The rear brake pedal



r e a r -  
wheel brake  
pedal in the  
right pedal.  
To trample  
the pedal as  
a rear brake.

### 5、 Shift Gears



a u t o -  
clutch,manual shift  
gears

D:advance gear  
N:neutral  
R:reverse gear

### 6、 The fuel Cover



Note:  
the fuel  
Cover  
mouth  
ventilation  
can not  
plug.

## 7、Choke

Resistance carburetor throttle in the right arm. Starting cold engine needs a concentration of combustible gas concrete. In such circumstances, will be impacted throttle arm moving up. After preheating the engine will pull rod to the original starting position.



## 8、Start

Start, please go of the pinch after the brake handle, then press the start switch.



## 9、Start

remote control: it can only work as the ignition switch is being on, when the ignition switch is being off, it can not work.

its effective distance is 30 meters at least

1:lock button. engine will stop working when press the button, any starting operation is ineffective.

2:unlock button. when press this button, the engine can work normally.



# BEFORE THE INSPECTION OPERATION

Prior to the use of the car, should check the following

Item	Normal checks
Brake	inspection operation, status and freedom itinerary. If necessary, should be adjusted. Brake Performance confirm whether the good work can be checked out at low speed.
accelerator	Check whether the smooth operation of the accelerator. If necessary, should be conducted lubrication / adjustment.
Chain-driven	chain of lax inspection and state. If necessary, should be adjusted.
Tire / wheel	checks tire pressure, wear, damage and the rate of take-up of the round.
Transmission and brake pedal shaft	inspection operation is smooth and, if necessary, should be conducted lubrication.
BrakeandClutchmanipulation of the handle shaft	operation of inspection, if necessary, should be conducted lubrication.
Parts/ Fasteners	inspection of all parts and fasteners . If necessary, should be carried out Tightening / adjustment.
Fuel tank	inspection of the fuel oil / if necessary, should be enough fuel
battery	Check liquid level. If necessary, distilled water should be added

Warning: ● If the item prior to use in adverse conditions, should be repaired prior to use.

# DRIVERS MUST

**Fuel:** fuel compartment confirm the adequacy of fuel.

Warning:

● Do not add fuel tank drive. Otherwise, and in the subsequent heating and fuel inflation, the fuel will overflow.

Fuel spillage should be avoided in the hot engine

Recommended fuel: 90 "petrol

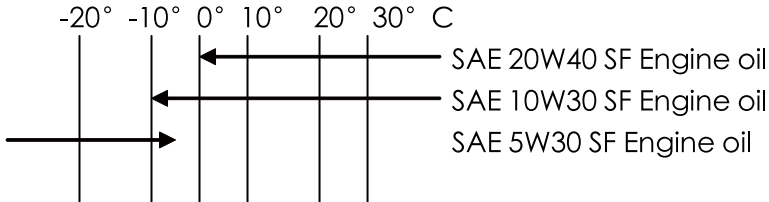
Fuel tank capacity:

Total: 2.4 L

**Oil:** Oil confirm whether oil at the designated place. (See left picture)  
1, the maximum oil level. 2, the lowest of oil. (See right picture)



#### Recommended oil



Oil:

Total: 0.9 L

Regular replacement of oil: 0.8 L

Oil Filters replacement: Does deformation, damage.

# TIRES

## 1. Tire pressure

Before the cars in operation, should always check and adjust tire pressure. (Tires Barometer)

## 2. Tire Inspection

Before the cars in operation, should check the tires. If excessive tire wear, to be replaced.

Warning:

- use of the tire wear is dangerous to travel

	Size	Pressure
Front tire	16*8-7	14psi
Rear tire	16*8-7	14psi

# IMPORTANT ELEMENTS OPERATION AND RIDES

## Cold Start and engine preheating

Note: This car has used to control the operation of brake motor starter switch. Only in pinch engine brake handle on when to start. We had closed choke before delivery.

- 1, the ignition switch will turn to the "•" position.
- 2, press down the killer switch.
- 3, pinch on the brake handle or trample foot brake.
- 4, the upward resistance throttle arm closed, not to refuel the door.
- 5, press the start switch.
- 6, open up the engine a little.

Note: If the engine can not start, should be released starting switch, wait a few seconds, then try again. Each attempt, as far as possible in a short period of time in order to protect the battery. Each starter not to exceed 5 seconds when the engine.

Note: In order to achieve maximum engine life, before moving to engine should always be

## Hot engine starter

When the engine has been preheated, then you do not need closure resistance throttle.



# Brake

Running, when there are obstacles in front of that (pedestrians, vehicles, goods), in order to brake security measures must be taken. Divided into braking deceleration braking, parking brake and emergency brake.

## 1), the braking deceleration

Braking is deceleration in the decrease throttle alone can not meet the requirements of deceleration taken under braking, under normal circumstances, only gently point stamping on the right foot after brake arm can be.

## 2), parking brake

Parking brake in the arrival at the destination, in order to accurately stop to stop in the position taken by the brake. Before the brake or the rear brake can be. Generally, when the speed is higher, with the rear brake; lower speed, brake before or after using brake.

## 3), emergency brake

Emergency braking is in the face of unexpected emergency situations, in order to avoid incidents taken braking. Then minded response to fast and cool. Followed by throttle, the rear brake, brake before the car stopped and bit. These order and spacing is necessary also to science. These moves very short interval of time is almost at the same time.

# Shift and acceleration of engine:

Note:It is a vehicle with auto-clutch.

- 1.If you want to move forward,just take the gear shift lever forward with a gear.
- 2.Open the restrictor gradually.
- 3.If you want to go backward,pls take the gear shift lever back to neutral first,then go backward to reverse gear.
- 4.Open the restrictor gradually.

Note:Don't shift when you are riding ,in order to prevent the risks.

We must disengage the clutch first when you want to shift.

## The acceleration engine

Because the cars use CVT. So acceleration and deceleration size only need to control the throttle on the up. According to the former right hand thumb of increased speed, deceleration is loosened.

### The commissioning Engine

0-1000 km from the motorcycle mileage during your life is very important for the period. Because the engine is new and in the meantime we must avoid prolonged Full Throttle or any situation that could be the super-engine overheating.

1,0 ~ 150 km: Operation and avoid prolonged refueling over 1 / 4 throttle position. An hour after the operation should cease engine to cool 5 to 10 minutes.

2,150 ~ 500 km: Operation to avoid refueling over 1 / 2 throttle position. At any time, should not be used Full Throttle operation of this vehicle.

3,500 ~ 1000 km: To avoid refueling over 3 / 4 throttle position.

4,1000 km long and more: Full throttle operation should be avoided. Avoid ultra-high-speed engine work.

Note: When traveling to the 300 km ~ 500km, the oil must be replaced.

As the car had not been installed Odometer to estimate mileage can only be calculated

## Parking

When the car to stop, they should stop and pull out the engine ignition key.

Warning:

● because after running and the exhaust muffler very hot, vehicles should be parked in child care and others not likely to encounter places.

# REGULAR MAINTENANCE AND MINOR REPAIRS

Periodic inspection and emphasize peace and lubrication and the car will at the best and most effective work state.

Note: If you are not familiar with this vehicle maintenance services, the work should be COOLSTER maintenance station.

## Regular maintenance / lubrication

Item	Notes	R u n n i n g - -in1000km or one month	Initial 3000km Or three monthe	every 3000km Or three monthe
Spark plug	Heck their state. When necessary, should be cleaned or replaced	☆	☆	☆
Air filter	Cleaning. If necessary, should be replaced	☆	☆	☆
Carbutator	Dle checks starting operation. If necessary, should be adjusted	☆	☆	☆

Item	Notes	R u n n i n g - -in1000km or one month	Initial 3000km Or three monthe	every 3000km Or three monthe
Fuel pipe*	Check whether the fuel for cracks or damage there. If necessary, should be replaced.	☆	☆	☆
Oil filter*	Check the status. If necessary, should be replaced.		☆	☆
Engine oil	The replacement. (In the engine prior to release oil preheating)	300km and 1000km the first replacement	☆	☆
Engine oil filter*	Cleaning. If necessary, adjust or replace	☆		
Tire/wheel	Check tire pressure / balance / Wear state / poor place, if necessary, repair or replacement		☆	☆

Item	Notes	R u n n i n g - -in1000km or one month	Initial 3000km Or three monthe	every 3000km Or three monthe
Front hub bearing*	Bearing components check whether loosening / damaged. If damaged, and should be replaced **	☆	☆	☆
Rear axle bearing*	Bearing components check whether loosening / damaged. If damaged, and should be replaced. **		☆	☆
Chain-driven	Check chain relaxation. If necessary, should be adjusted. Cleaning and lubricating	☆	☆	☆
Parts/fastners	Check all the parts and fasteners. Necessary correction should be carried out	☆	☆	☆
Battery*	Check proportion. If necessary, the correction should be carried out	☆	☆	☆

\*: We propose that these items should be COOLSTER repair station for maintenance services. \*\*: Medium weight wheel bearing grease.

# Parts / Fasteners

Prior to the use of the car, should always check with the parts and fasteners tight degrees. We suggest that these projects should be carried out irregular inspections. (I asked, after the demolition of the self-locking nut Please replacement of the self-locking nut, as will the use of safety.)

## Correspondence tables fastening torque

Screw size	Tightening torque N•M	Standard torque N•M	Screw size	Tightening torque N•M	Standard torque N•M
M5	4.5-6.0	5	M10	37-79	60
M6	8-12	9	M12	73-115	99
M8	16-26	23	M14	146-205	180

# Oil

1, the measurement of oil (See left picture)

A. Engine preheater minutes.

B. When the engine stopped operating, hold on a few minutes later, the oil Cypriots will be removed after the oil-observation.

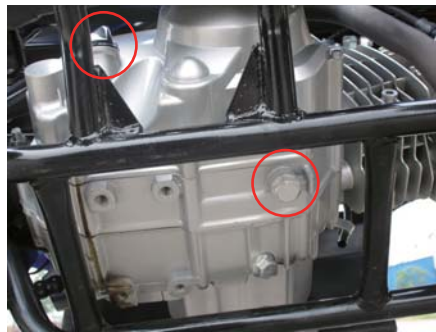
C. The oil should be located at the highest and the lowest among the oil-marker. If the oil level low, should be enough oil to rise to the oil-appropriate.

2, oil and oil filter replacement of the replacement. (See right picture)

A. Engine preheater minutes.

B. engine will stop. In an engine oil was placed underneath.

C. discard release oil bolts, release oil. Put oil may moderate shaking body to be inside the engine from impurities.





D. installed release oil bolts, and then full of engine oil. Tightening oil Cypriots.

1. Starting engine and a few minutes to preheat. Preheat should check whether there are oil spills. If it appears that an oil spill, should immediately stop engine and check reasons.

3, the replacement of oil in the second about a month or so to clean oil filters

Warning:

● Do not join any chemical additives. Also lubricating oil clutch, clutch slipping and additives will.

Note: In the replacement of oil, must be in accordance with the following method to check oil pressure.

1, removed the cylinder covered with oil release bolts.

2, starter motors, and keep them idle until the oil outflow from caving hole. If no one minute after the oil outflow or unusual phenomenon, should stop the engine running to the nearest COOLSTER dealer or repair shop for repair.

3, after the test should be tightened release oil bolts.

# Carburetor adjustment

Carburetor is a key part of the car, the need for fine adjustment. Most adjustments should be entrusted with the expertise and experience COOLSTER dealers or repair shops.

## Idle adjustment



screw idling

Release oil point

1. Connect speed

2. Speed Festival through idle screw on the carburetor, idling provisions set to rotate within the raise into the engine speed, to a decrease in engine speed from

Standard Idle:

$1500 \pm 150$  to / min

# Air Filters

Filters should carry out regular checks, cleaning. If necessary, replaced.

## The throttle cable adjustment



Locked nut

Adjuster



Note: In adjusting the throttle cable free trip before, we must adjust engine idling.

Through rotational regulator to adjust throttle cable, it can lead to throttle the right hand free Filed doors itinerary.

Free trip:

3 to 7 mm

1, loosen lock nut.

2, Hin into a regulator or until attaining the free trip.

# Spark Plug inspection

Model: D7TC

Clearance: 0.6 ~ 0.7 mm

Torque: 12.5 N • M

The spark plug is an important engine parts, and easy to check. The state can spark plug of the engine that state.

The normal riding in the car, in the center electrode white ceramic insulators around the ideal color is appropriate. Brown. Do not attempt to self-diagnosis of any fault, and should be sent to COOLSTER the car dealer or repair shop.

You must be regularly removed and examined spark plugs, as heat and carbon deposition will spark plugs slowly breakdown and ablation. If the electrode ablation too seriously, we must use the provisions of its spark plugs will be replaced.

Before installing the spark plug, the regulation should be used to measure the thickness electrode gap, if necessary, will be adjusted to space requirements value.

Note: If you have not installed when the spark plug torque wrench, torque correct estimation method is tightening its hand to exceed 1 / 4 to 1 / 2 laps

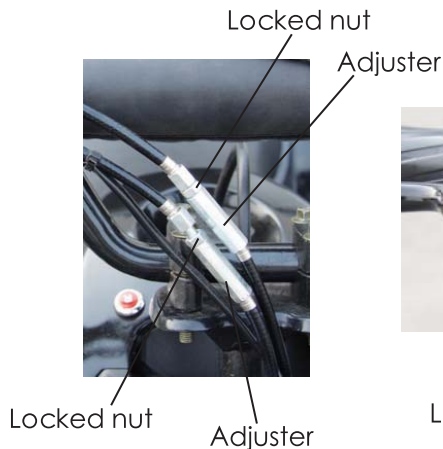


# The front wheel brake adjustment

The front wheel brake handle free trip for 10 ~ 15 mm

- 1, loosen lock nut
- 2, rotation cable length regulator, screw or screw into the appropriate date and up.
- 3, tighten the lock nut.

When the brake handle and can not be used to appropriate requests, please COOLSTER commissioned by the dealer or repair shop to adjust brake shoes.



## Driving chain relaxation of inspection

Note: rotating wheel several times to identify the most compact location of the chain. When the chain in the most compact position, check or adjust chain relaxation.

The normal relaxation of 20 to 30 mm. If relaxation beyond 30 mm should be adjusted.



# The drive chain adjustment

1, loosen the fixed chain adjuster screw and nut.

2, For tensioning chain, the chain by rotating clockwise direction on the M6 regulator anti-retreat-pine nut and nut. If required relax chain, according to the direction of rotation 10,000 anti-chain adjuster on the M6 and the prevention of anti-retreat Pine Nut Nut. Forward and rear axle into. The same should be fully rotate the regulator of the M6 and the prevention of anti-retreat Pine Nut Nut, Pian would maintain coaxial.



Setscrew Adjuster Setscrew Adjuster Setscrew

3, in the adjustment, must tighten all loosen the parts.

4, in the adjustment, the chain must tighten regulation of the fixed screws and nuts.

Note: chain relaxation too small engines and other key will zero overloading. Relaxation should be made to maintain the prescribed limit scope

# The drive chain lubrication

The chain includes many mutual operation of the parts. If the chain would not carry out proper maintenance, the chain that will soon wear. Therefore, we must carry out regular maintenance of the chain. In this dusty region riding car, the more maintenance is necessary.

1, may use any brands of spray-chain lubricant. First, the use of brush or cloth to remove all the dirt and mud masonry. Then two rows of siding between the center and all spraying lubricant on the roller.

2, For cleaning chain, will be removed from the board, the Baptist in solution should as far as possible removal of masonry scale. The chain removed from the solution and make it dry. The chain lubrication will be carried out immediately to prevent corrosion.



# Throttle limited & parking function

Please use parking button when you are parking, see picture.

1、Fasten front brake

2、Press parking button

Left picture throttle limited nut 。 (1)adjust screw (2)lock nut (3)parking button



## Battery

Check the batteries battery electrolyte level, and recognizing the terminal and the wiring of the battery casing is not leakage. If the electrolyte level low, add distilled water.



Note: The battery electrolyte checks at least once a month.

Warning:

- use batteries to be recharged in 30 minutes and cooled to room temperature to ensure the proper use of batteries. Battery electrolyte toxic and therefore dangerous, and so will cause serious burns. The electrolyte contains sulfuric acid. Avoid contact with skin, eyes or clothing.

- battery would have exploded gas. Should stay away from sparks, flames, cigarettes, and so on, in or rechargeable battery sealed in a space, ventilation should be maintained. Near the battery should always work to protect your eyes.

- should be placed in child care could not get places



# The replacement fuse

- 1, fuse at the top of batteries.
- 2, if the fuse fuse, customs breakpoint fire Switches and circuit switching problem. With the correct installation of the new ampere fuse. Connect the switch and watch the work of electrical installations. Fusing immediately if the fuse again, please COOLSTER dealer or repair shop contact.

Warning:

● Do not use the recommended ampere rating higher than the fuse. Under the correct rating is the fuse will cause large-scale damage to electrical system and will cause the fire.

Provides fuse: 10 amps

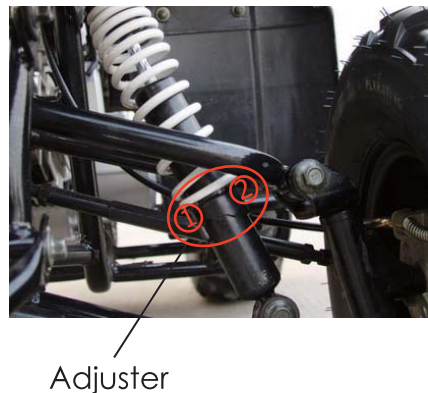
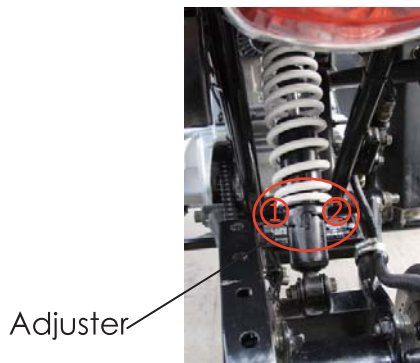


# The shock absorber adjustment

The shock absorber with spring pre-load regulator. Click the following spring pre-load adjustment method.

According to the direction of rotation ① regulator in order to increase spring pre-load. (Tune hardware)

According to the direction of rotation regulator ② decreased pre-loaded. (Tune soft)



## Common problem

problem instance	reason		Solve way
Hard start or could start	1.no mixed gas in cylinder	①leaking for intake system	Screw down on sealed point
		②oil way plugged up	scatter
	2.heap fuel in cylinder		Open spark plug, clean fuel
	3.fuel has water or dirty		Clean fuel tank, carburetor, change fuel
	4.cylinder compression low	①spark plug leaking	Screw down spark plug
		②leaking on the sealed point between cylinder cover and cylinder body	Clean it, install gaskets,screw down nut
		③crankcase leaking	Renew crankcase or sealed glue of crankcase
		④piston ring or cylinder body wear and tear heavy	Renew piston ring or cylinder body
		⑤piston ring broke off or block	Renew piston ring or clean it
	5.exhaust block	Exhaust of cylinder or vent-pipe is dirty	Clean it
	6.mixed gas is thick or thin		Adjust carburator

Hard start or could start	7.spark plug problem	①spark plug is dirty	Clean it with gas
		②insulator of spark plug broke	Renew spark plug
		③space of spark plug is too big or small	Renew or adjust
	8.magneto problem	①low-pressure wire is short circuit or turnoff	Find it , repair or renew
		②ignition broke	renew
		③ignition coil	renew
	9.no enough battery(hard start)		Remove and
	10.foot start could work		Repair or renew
	11.E-start	Rotor of E starter couldn't work	renew
	12.other device couldn't work		Check and repair

Engine is instability	1.ignition touch is not good	Connect again
	2.electrode of spark plug is dirty	Clean it
	3.all circuits block up	scatter
	4.clutch skid	Repair or renew
	5. mixed gas is thick or thin	Adjust carburetor
	6.engine oil is not enough	Add engine oil
	7.vent-pipe block up	clean

problem instance	reason	Solve way
Engine couldn't work	1.fuel couldn't feed(circuit block up)	Check oil switch, carburetor etc, repair it
	2.break off	Check wire from spark plug to magneto
	3.cylinder broken heavy, piston dead	Repair or renew
	4.join bearing dead	Repair or renew
	5.other device couldn't work	Check them ,repair or renew
Engine power is not enough	1.circuit block up	scatter
	2.ignition time is fast or slow	adjust
	3.spark is weak	Check it from spark plug to magneto
	4.mixed gas is thick or thin	Adjust carburator
	5.engine leaking	Check ,repair
	6.vent-pipe block up	scatter

Bike is shaking heavy	1.spring of suspension break off	renew
	2.suspension bend	renew
	3.suspension leaking	renew
	4.bearing of wheel broke	renew
Running direction is unstability	1. parts of director handle it tight or loose	Check them
	2.tire press is not enough	Check them
	3.frame, suspension install is improper	Install again and adjust
	4. axes is easy to move	adjust
Brake couldn't work	1.shoes of rear brake wear and tear heavy	renew
	2.brake cam wear and tear	renew
	3.front, rear brake pull cable broke	renew
	4.space of front, rear wheel is too much	renew

# CLEANING

1, in order to keep the car clean and protect the surface appearance of the painting, electroplating, should regularly or irregularly its cleansing. When cleaning, use of external surface water irrigation, rush soil. Use a soft cloth or sponge dip cleaning liquid bubble gently cleans the outer surface, to avoid residual gravel surface and paint scratches electroplating layer. Finally reuse water for irrigation.

2, attention:

● washing, to avoid using the high-pressure water erosion under parts:

(1) ignition switch;

(2) multi-purpose switch;

(3) Below cushion;

(4) The exhaust pipe muffler exports;

(5) air filter inlet

After the car wash thoroughly dry, and then start engine, running for a few minutes. Finally repeatedly braking performance brake inspection and adjustment until braking performance standards so far.

Special Note: in the hot engine, the first will not wash. Engine room temperature with the same question again when cleaning. If water pressure caused the brake, the former damping seals and electrical parts Loss



# STORAGE

If the park does not need to use a long time, in order to maintain a good state of the car, you please address the following methods:

1), select the right parking place. The location should have security, ventilation, moisture-proof, anti-freezing conditions.

2), for engine lubricants.

3) in the fuel tank and the carburetor fuel release all net, oil stored properly. Note: Do not overlook the release carburetor net residual oil. Otherwise, no need for a long time, the surface of the plastic fuel carburetor of holes to plug, re-use of the car when trouble.

Warning: volatile fuel in the fuel emissions, the engine must be stopped operating in the ventilation good place to prohibit smoking ban on the use of open flame and sparks objects.

4) In order to prevent cylinder rust, we should adopt the following measures:

Remove spark plugs, A Spoonful (15 ~ 20 m) from the clean engine oil into the cylinder spark plug hole with a piece of cloth spark plug holes starter motors, mobile number to Detroit from top to bottom so that the oil in the cylinder wall are cloth. Finally, the spark plugs and spark plug cap installed.

5) Battery demolition down, stored in antifreeze, sunscreen, and other items collision difficult places. Every two weeks an additional charge.

6) wash and dry your car, paint waxing to all, to all chrome painted on the surface antirust oil.

7) to inflatable tires, tire pressure up to the required standard air pressure. After stopping the car will be good, with shelves or pieces of wood and other wheels will be boosted so that the wheel does not contact with the ground.

8) will cover the car to prevent the dust down. Do not use plastic sheeting to things such as gas-tight coverage, as there are for the mechanical vapor corrosion

## **AFTER THE RE-USE STORAGE**

1) Remove the guards cover the car, clean the body. If placed more than four months, the need for replacement of engine oil.

2), the battery will be sufficient to re-installed on board.

3) add fuel to the fuel tank.

4) all of the pre-inspection lane.

5) before traveling during the next regular session, a choice open, pedestrian areas for less performance inspection, confirmed Properties normal traffic could resume normal

# ATV3125R INSTALL PROCESS AFTER PACKAGING(1)



Disassembled packaging belt



Take out carton



Disassembled metal frame



Take out plastic



Pick parts out



Install handle bar

# ATV3125R INSTALL PROCESS AFTER PACKAGING(2)



Install front protector



Install front rack



Install support of rear rack



Install rear rack & reflector



Remove fixed wire



Install direction

# ATV3125R INSTALL PROCESS AFTER PACKAGING(3)



Install front wheel



Install rear wheel



Fill liquid of battery



Install seal of battery



Install battery & link wire



Tighten battery

# ATV3125R INSTALL PROCESS AFTER PACKAGING(4)



Install dust cap



Finished installation

## Correspondence tables fastening torque

Screw size	Tightening torque N•M	Standard torque N•M	Screw size	Tightening torque N•M	Standard torque N•M
M5	4.5-6.0	5	M10	37-79	60
M6	8-12	9	M12	73-115	99
M8	16-26	23	M14	146-205	180

# ATV-3125R main specs(1)

## 1. The main specs of size

1.1 Model dimensions..... 1465X920X925 (L•W•H)

### 1.2 Wheel base

a) wheel base front..... 735mm

b) wheel base rear..... 630mm

1.3 wheel base..... 855mm

1.4 seat height ..... 620mm

1.5 ground clearance..... 100mm

1.6 Slippery..... 25°

1.7 minimum turning radius.....  $2200 \pm 300$ mm

1.8 steering angle..... left \ light  $32^\circ \pm 5^\circ$

## 2. the main quality specs

2.1 N.W..... 95Kg

2.2 G.W..... 112kG

2.3 max load..... 65kg

## 3. engine specs

3.1 engine no..... 1P52FMH

3.2 engine type..... 4-stroke, single cylinder

# ATV-3125R Main specs(2)

3.4cylinder work vol .....	110CC/120CC
3.5compression ratio.....	9:1
3.6max power .....	4.36/7500±500 / 4.72/7500±500Kw/r/min
3.7max torque .....	6.18/5500±500 / 7.82/5500±500N•m/r/min
3.8the mini speed unlade stability.....	1500±150r/min
3.9gas type.....	≥90#
3.10lubricant type.....	SF 15W/40
3.11 crankcase lubricants capacity .....	900ml
3.12lubrication system.....	pressure spatter
3.14starting system.....	electric
3.15Ignition.....	CDI
3.16clutch type.....	Auto clutch
3.17transmission.....	chain
3.18carburator no.....	PZ20
3.19carburator type.....	Plunger
3.20spark plug no.....	D7RTC
3.21spark plug space.....	0.6-0.7
3.22vent-pipe type.....	buffer



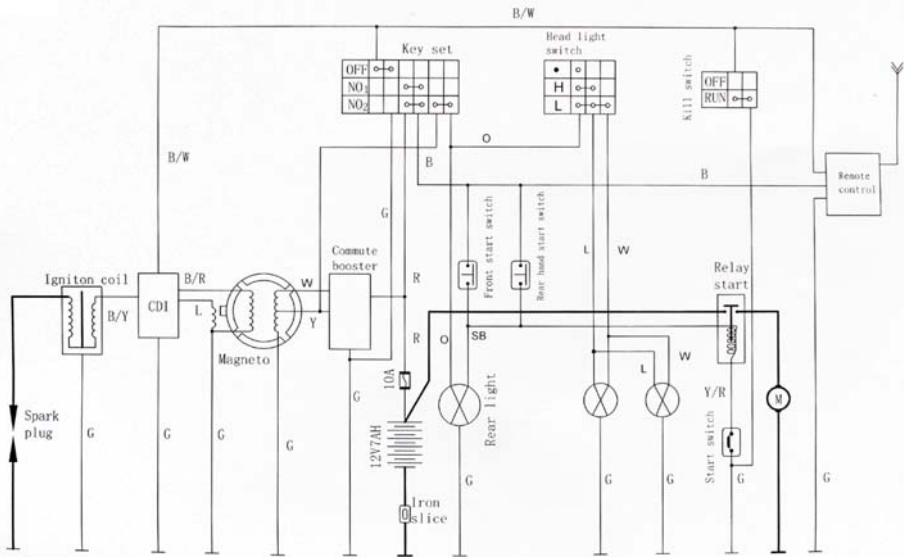
# ATV-3125R Main specs(3)

3.24fuel tank capacity.....	2.4L
4. operating system	
4.1suspension system	
a)suspension front.....	traverse double-arm
b)suspension rear.....	non-independent suspension
4.2shock absorber type	
a)shock absorber front.....	hydraulic spring
b)shock absorber rear.....	hydraulic spring
4.3 tire specs pressure	
a)tires front.....	16X8-7 pressure =14 Psi
b)tires rear.....	16X8-7 pressure =14 Psi
5 brakes system	
Brakes front.....	Mechanical hub brake/hand ma-
	nipulating patterns
Brakes rear.....	Hydraulic disc/hand manipulat-
	ing patterns
6Electrical Equipment.....	Electrical Equipment
6.1Front light.....	12V18/18W

# ATV-3125R main specs(4)

6.2generator .....	non-contact outside the rotor flywheel
6.3battery.....	12V7AH / 12V5AH
6.4rear light.....	12V21/5W

# ELECTRIC DIAGRAM



ATV-3125R			METARIAL	QTY/PC	THICKNESS	ZheJiang QiYe
				1		
WORK BY			ELETRICAL DIAGRAM			
CHECK						
CHECKUP			RATIO		PAGE/TOTAL	