

OWNER'S MANUAL



ATV

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
- 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.

**Rider must comply with local allowable age rule,
all local laws and regulation in riding.**

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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.

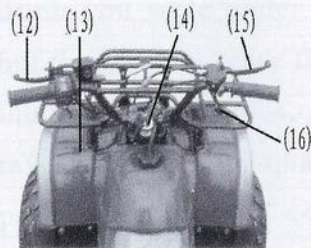
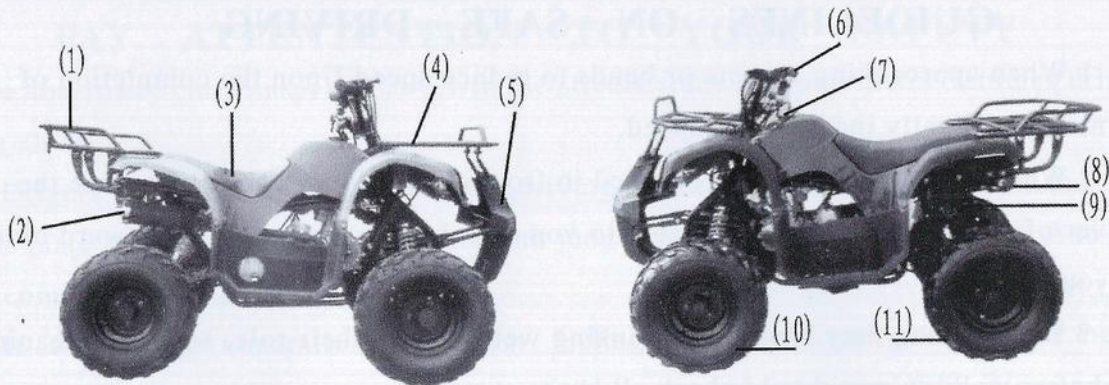
Liquor very dangerous, even a small amount.

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 the mselves, 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.



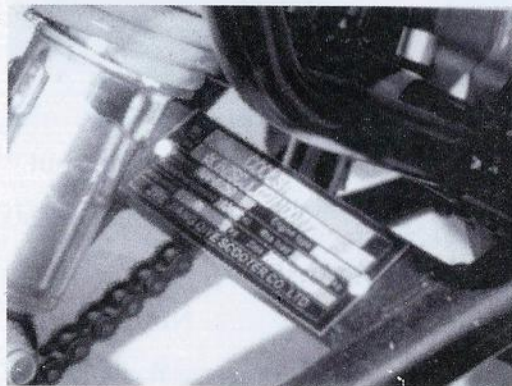
DESCRIPTION

- | | | |
|--------------------|-----------------|-----------------|
| (1)Rear rack | (7)Fuel box | (13)Body |
| (2)Muffler | (8)Rearlight | (14)Key switch |
| (3)Seat | (9)Battery | (15)Front brake |
| (4)Front rack | (10)Front wheel | (16)Geaser |
| (5)Front protector | (11)Rear wheel | |
| (6)Handle bar | (12)Rear brake | |

ATV RECOGNITION


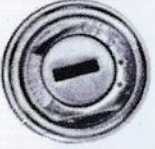

VIN plate number and product VIN (see left picture)

Engine model and serial number (see right picture)



CONTROL FUNTIONS



1. The ighition switch

Location	Functions	Key state
	All circuits wre disconnected	Pull out
	Circuit was connected,engine starter (headlights circuits not connected).	Not pull out _
	All circuits are connected,engine can start (after the end of headlights bright.Not:work in The engine.	Not pull out

2.Multifun ction switch

1). Proximity switches



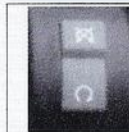
Location	Function
	Turn on high beam
	Turn on dipped headlight

2). Starter switch



When the press the starter switch,
Engine rotation.

3). Off switch

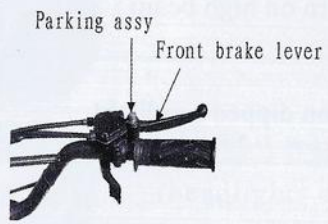


When the press off the switch,stop
Rotating engine.

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.



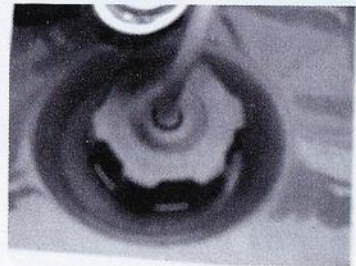
4、 The rear brake handle

Rear-wheel brake handle in the left hands.

To handle its direction pinch Rafah as a rear brake.



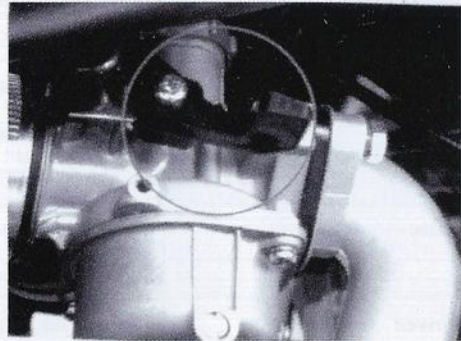
5、 The fuel Cover



Note: the fuel Cover mouth ventilation Can not plug.

6、 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 down. After
Preheating the engine will pull rod to the original
Starting position.



7、 Start

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



In drives in front of the vehicles inspects the project

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.
The stents and stent-axis side	Check whether the smooth operation,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

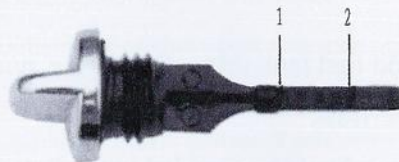
Recommended fuel:90 " petrol

Fuel tank capacity:

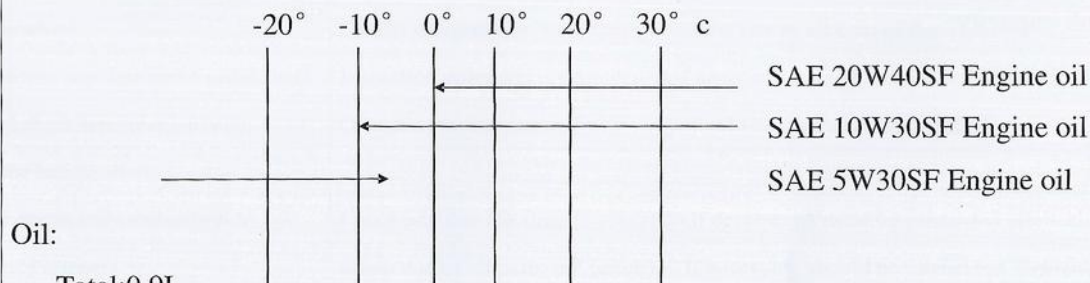
Total: 3L

Oil: Oil confirm whether oil at the desighated place.(see left picture)

1.the maximum oil level. 2.the lowest of oil. (see right picture)



Recommended oil



Total:0.9L

Regular replacement of oil: 0.8L

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.

Warnign:

- 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. pinch on the brake handle.
3. the upward resistance throttle arm closed, not to refuel the door.
4. press the start switch.
5. the resistance after heat engine throttle arm downward completely open.

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 preheated. Not on a Cold-engine acceleration.

Hot engine starter

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

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

0-1000km from the motor cycle 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、 0-150km:

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、 150-500km:

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

3、 500-1000km: To avoid refueling over 3/4 throttle position.

4、 1000km long and more:

Full throttle operation should be avoided. Avoid ultra-high-speed engine work.

Note: When traveling to the 300km-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.

Table of Maintenance

NO	Parts name	TIME AND DISTANCE				
		500Km	1000Km	3000Km	5000Km	10000Km
1	(OIL FILTER)		C	C	C	C
2	FRONT BRAKE SYSTEM	A	A	A	A	R
3	REAR BRAKE SYSTEM	A	A	A	A	R
4	SPARK PLUG	C		C		C
5	CARBURETOR			C		C
6	ALL FILTER			C		C
7	OIL	R	R		R	R
8	CHAIN	A		A	A	R
REMARKS:		C: CLEAN, R: REPLACE, A: ADJUSTMENT				

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 toque

Screw size	Fightening torque N.M	Standard torque N.M	Screw size	Fightening 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.

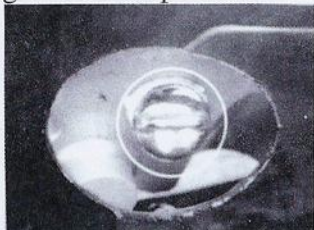
C.The oil should be located at the highest and the lowest among the oil-marker. If the oil level low,should be enough oil to rise to the oil-appropriate.

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 undemeath.

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 should check whether there are oil spills

If it appears that an oil spill, should immediately stop engine and check reasons.

2、 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.

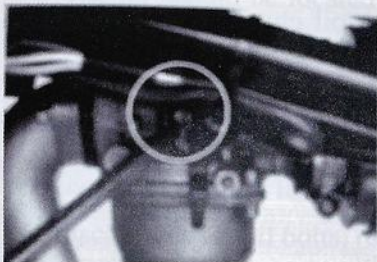
2、 Starter motors, and keep them idle until the oil outflow from caving hole. If no one minute after the oil outflow or unusual phenomenon, should stop the engine running to the nearest COOLSTER dealer or repair shop for repair.

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



- 1、 Connect speed LAU
- 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

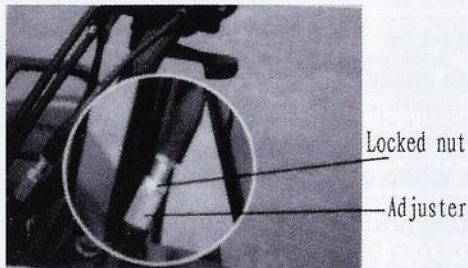
Standard Idle:

1500 ± 100r/min

Air Filters

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

The throttle cable adjustment



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: A7RTC

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 plug, will be replaced.

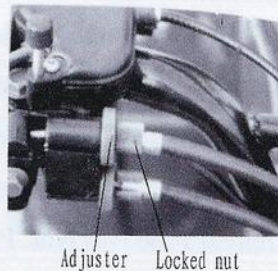
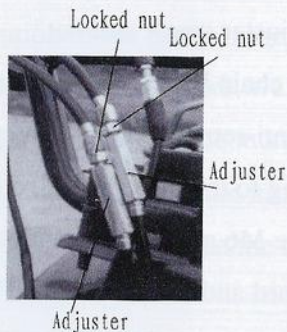
Before installing the spark plug, the regulation should be used to measure the thickness electrode gap, if necessary, will be adjusted to space requirements value.

Note: If you have not installed when the spark plug torque wrench, torque correct estimation 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 10 to 20 mm. If relaxation beyond 20
mm Should be adjusted.



The drive chain adjustment

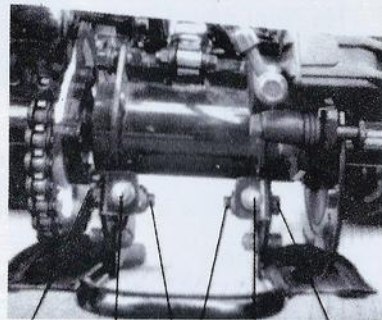
1. loosen the fixed chain adjuster screw and nut.

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.

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.



Setcrew Adjuster Setscrew Adjuster Setscrew

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 maintenances 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 madonry. 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.

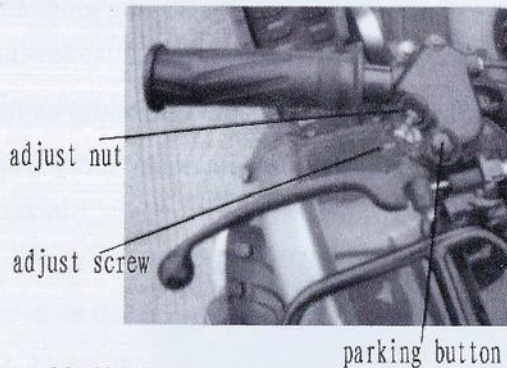


Throttle limited & parking function

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



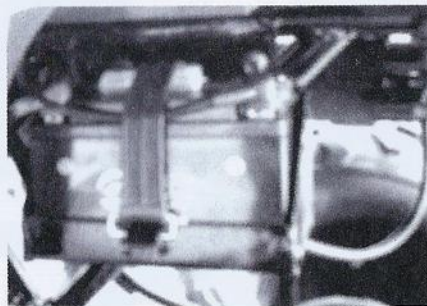
Battery

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:

- Uses 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 swit ching 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: 10amps

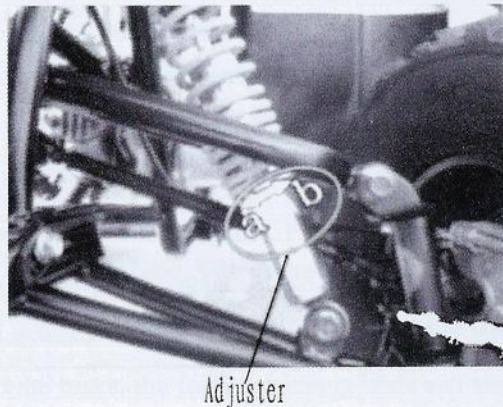
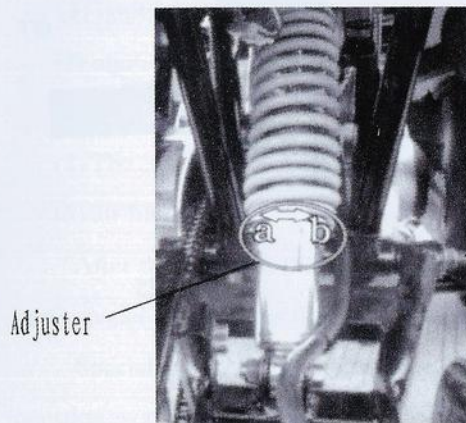


The shock absorber adjustment

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 orde to increase spring pre-load.
(Tune hardware)

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



Fuel cock

The fuel cock is below the fuel tank .to
Switch .the fuel cock ct three positions

ON: Fuel flows to carburetor while the lever
Is this position

OFF:Fuel will not flow while the lever is in
this position.

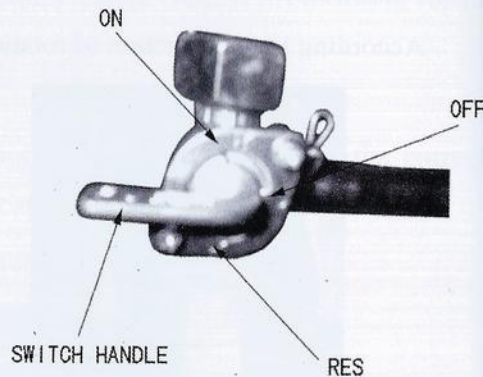
RES: Turn the lever to this position if you
Run out of fuel while riding .to fill the
Fuel tank as soon as possible .turn the to
The "ON" position after refueling.

NOTE:

Always turn the lever in OFF position when
The engine is not running.

Fuel tank cap

to remove the fuel tank cap. turn
the cap counterclockwise.



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 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, 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(15-20m) 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 sifficult 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 pressure up to the required standard air pressure. After stopping the car will be good, with shelves or pieces of wood 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.

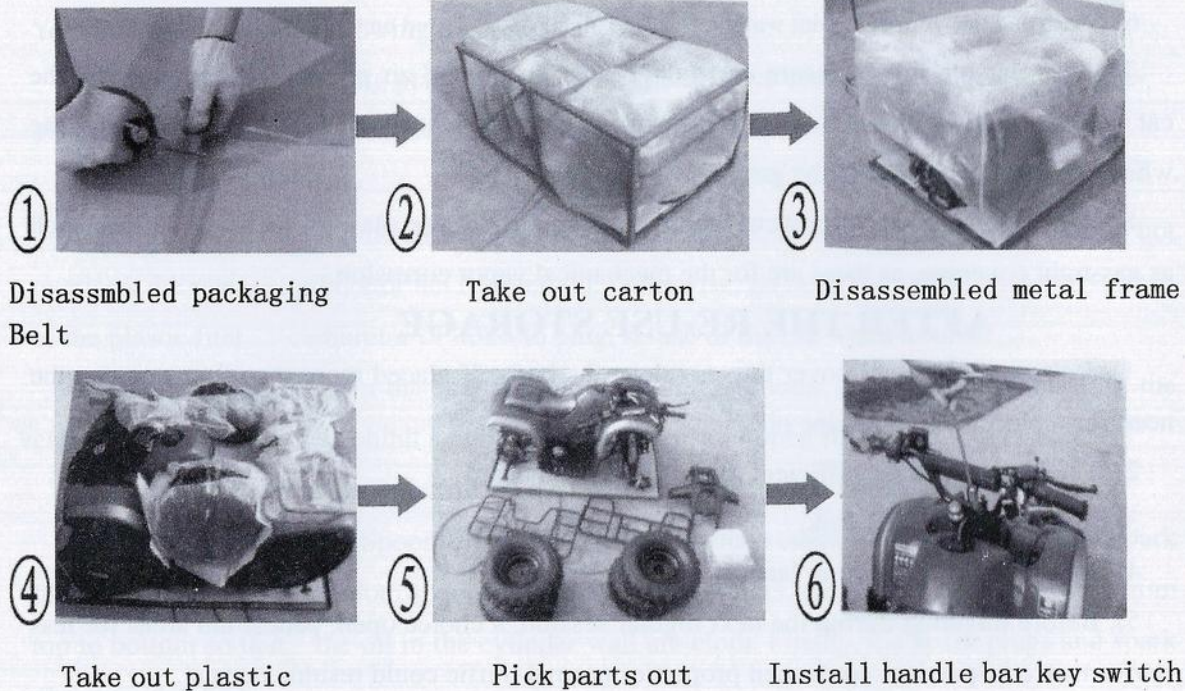
2). The battery will be sufficient to re-installed on beard.

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.

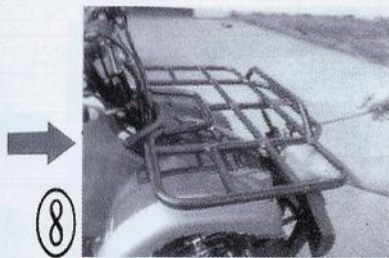
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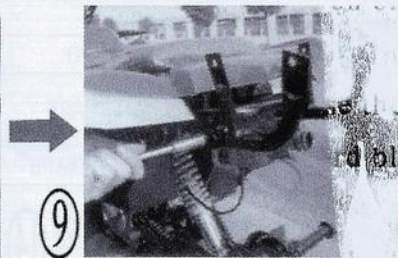
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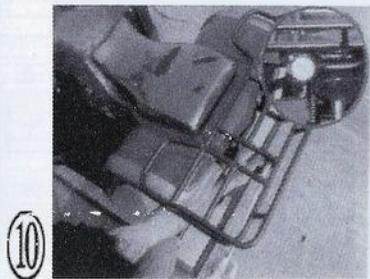
Install front protector



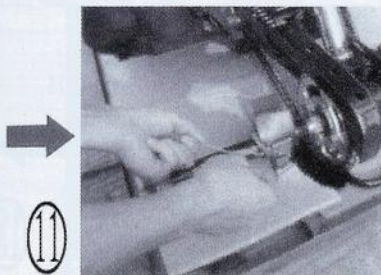
Install front rack



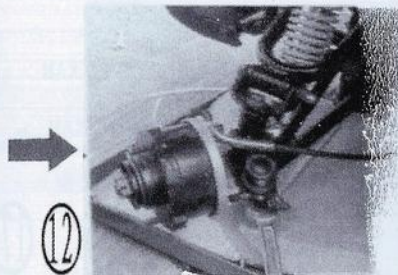
Install shore of rear



Install rear rack &
Reflector

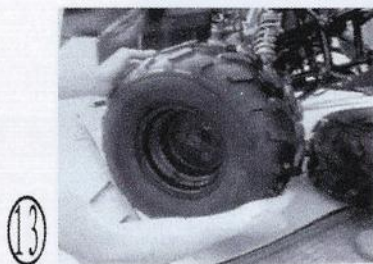


Remove fixed wire



Install direction

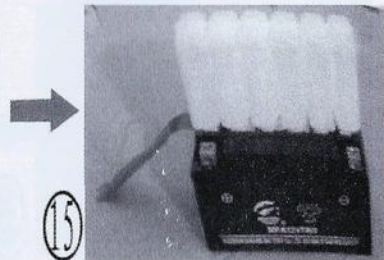
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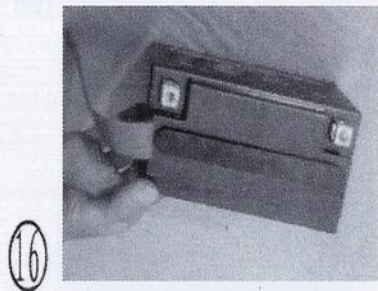
Install front wheel



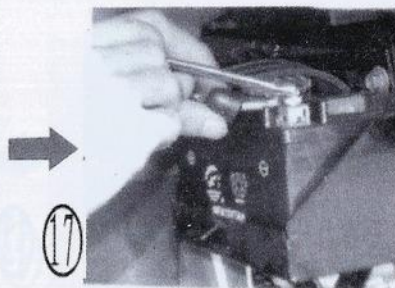
Install rear wheel



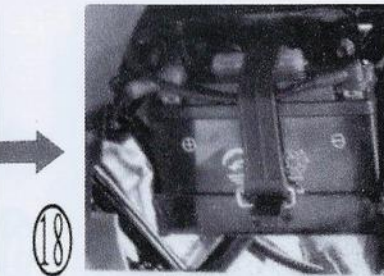
Fill liquid battery



Install seal of battery



Install battery&link wire



Tighten battery

Technical parameters

NO	ITEM	DATA	NO	ITEM	DATA
1	DIMENSION	1320×770×640mm	15	GEAR WAY	3+1/AUTOMATIC/1+1
2	WHEEL BASE	800mm	16	TRASMISSION	CHAIN
3	SEAT HEIGHT	615mm	17	BRAKE DISTANCE	≤7m(30km/h)
4	ENGINE	Single-cylinded, 4-stroke, air-cooled	18	SPARK PLUG	A7TC
5	BORE×STROKE	52.5×57.8mm(125CC) 52.4mm×49.5mm(110CC)	19	Clearance of speak plug	0.6-0.7mm
6	PISTON SWEPT VOLUME	124ml (125CC) 106.7ml(110CC)	20	MAX CLIMBING	15°
7	COMPRESSING RATIO	8.8:1	21	MAX LOADING	110kg
8	MAX POWER AND SPEED	4.3/8000 Kw/(r/min ⁻¹)	22	NET WEIGHT	88kg
9	MAX TORQUE	5.8/5000 N.m/(r/min ⁻¹)	23	TIRE	Front: 16/8-7" Rear: 16/8-7"
10	RATED SPEED	1500r/min ⁻¹ ±100r/min ⁻¹	24	GROUND CLEARREANCE	75mm
11	IGNITION	CDI	25	MAX SPEED	35km/h

Technical parameters

12	START	Electric	26	TRANSMISSION RATE	FIRST:3.722 SECOND:1.350
13	TRANSMISSION CLEARENCE OF INJPUT AND OUTPUT OF AIR	in:0.05mm out;0.05mm	27	Tank	3L

