

OWNER'S MANUAL
DIRT-BIKE
QG-213A



www.coolster.com



WARNING

- **Operation of this DIRTBIKE 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 DIRTBIKE**
- **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. Pis shut off engine. to avoid sparks and open flame.**
- **Read owner's manual carefully before riding. Keep owner's manual with vehicle.**
- **The off road motobike couldn't jumping run.**
- **because after running and the exhaust muffler very hot, vehicles should be parked in child care and others not likely to encounter places.**

FOREWORD

Thank you very much optional selection of this OFF ROAD MOTOBIKE

The sport utility 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 the sport utility vehicle which the structure, operation and maintenance of basic knowledge, while you keep off-road vehicles are in good condition and safe driving will be very useful.

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. As 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 colorful protective clothing. (Both to protect themselves, but also aroused the attention of others)

When traveling to other vehicles and pedestrians who

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.

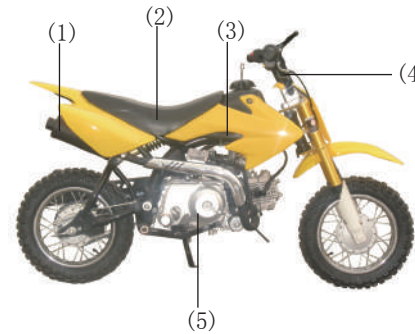
3, Brake Lining may Motorcycle rinsing wetting lose their role, so when cleaning End after walking ago, should

If you have any questions regarding your warranty rights and responsibilities, you should contact the Maxtade Warranty Department at 1-626-228-0251

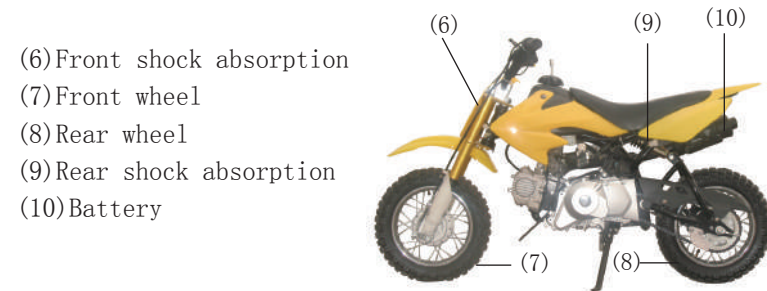
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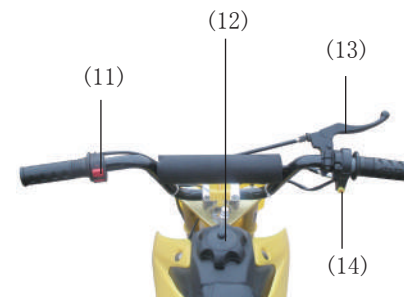
DESCRIPTION



- (1) Muffler
- (2) Seat
- (3) Plastic body
- (4) Handlebar
- (5) Engine



- (6) Front shock absorption
- (7) Front wheel
- (8) Rear wheel
- (9) Rear shock absorption
- (10) Battery



- (11) Switch
- (12) Fuel box
- (13) Front brake operate bar
- (14) Start

OFF ROAD DIRTBIKE RECOGNITION





VIN plate number and product



Engine model and serial number

CONTROL FUNCTION

1、The ignition switch

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



2、The ignition switch



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: rear-wheel brake pedal at the right side of the car. Riding next to the brake pedal to the rear brake .

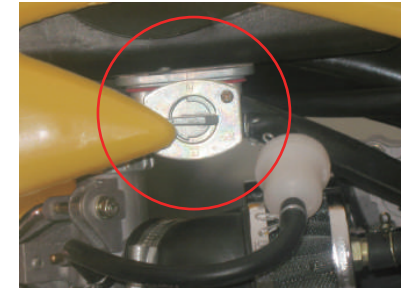


5、The fuel Cover: Note: the fuel Cover mouth ventilation can not plug.

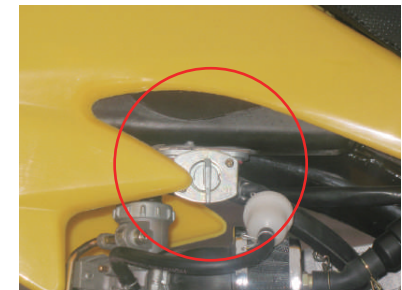


6、the fuel valve: the fuel valve in the fuel filter will supply fuel from the fuel tank to the carburetor. Fuel valve has three locations.

Disconnect : fuel will not flow. When the engine is not running, always will be back to handle the position.



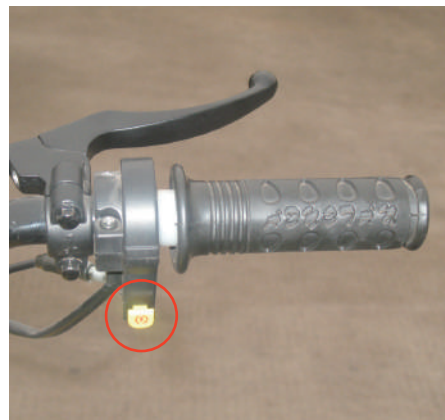
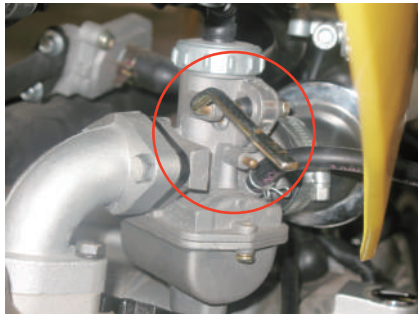
Connected : fuel flow carburetor. Lane will usually handle this position at home.



Reserves : reserve fuel flow carburetor. When driving, Spent fuel can be moved to the handle position.



7、Choke: Resistance carburetor throttle in the left 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



8、Starter: Starting, first stamping on rear the brake handle, then press the start

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 takap of the round.
Transmission and brake pedal shaft	inspection operation is smooth and, if necessary, should be conducted lubrication.
BrakeandClutch manipulation of the handle shaft	operation of inspection, if necessary, should be conducted lubrication.
Parts/Fasteners	inspection of la parts and fastenersIf necessary, should b carried out Tightening / adjustment.
Fuel tank	inspection of the fuel oil / if necessary, should be enough fuel

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: 3.5L

Storage: 1.2L

Oil :

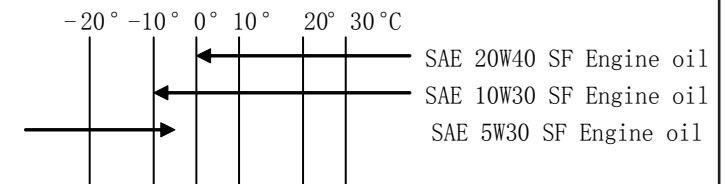
Oil confirm whether oil at the designated place.

1、 the maximum oil level.

2、 the lowest of oil.



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	2.10-10	10~24psi
Rear tire	2.10-10	10~24psi

Important elements operation and rides

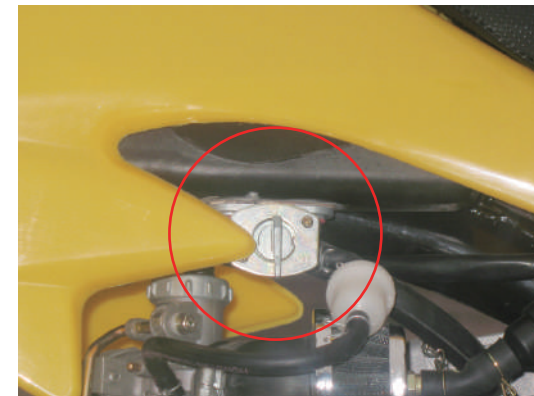
Cold Start and engine preheating

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, will be off to the operation by switching positions.
- 2, the fuel valve turn to: " See flow picture " position.
- 3, press the start switch.
- 4, first stamping on rear the brake handle, then 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



Hot engine starter

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

The acceleration and deceleration Engine

Because the cars use CVT. So acceleration and deceleration size only need to control the throttle on the up. To increase the speed, direction of rotation to a throttle grip. To reduce speed, direction of rotation to b throttle grip.

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. Should often transform the speed and the car stalls

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.

3500 ~ 1000 km:

To avoid refueling over 3 / 4 throttle position.

4,1000 km long and more:

Full throttle operation should be avoided. Avoid low-grade 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

Parking

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	Running -- in 1000 km or one month	Initial 3000km Or three months	every 3000km Or three months
Spark plug	Check their state. When necessary, should be cleaned or replaced.	☆	☆	☆
Air filter	Cleaning. If necessary, should be replaced.	☆	☆	☆
Carburetor	Idle checks starting operation. If necessary, should be adjusted.	☆	☆	☆
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 replace ment	☆	☆
Engine oil filter	Cleaning. If necessary, adjust or replace	☆		
Tire/wheel	Check tire pressure / balance / Wear state / poor place, if necessary, repair or replacement		☆	☆
Front wheel bearing *	Bearing components check whether loosening / damaged. If damaged, and should be replaced**	☆	☆	☆
Rear wheel bearing *	Bearing components check whether loosening / damaged. If damaged, and should be replaced**		☆	☆
Chain-dri	Check chain	☆	☆	☆
Parts/fastners	Check all the parts and fasteners. Necessary 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

Correspondence tables fastening torque

Screw size	Fightenin gtorque 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

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. (Photo)

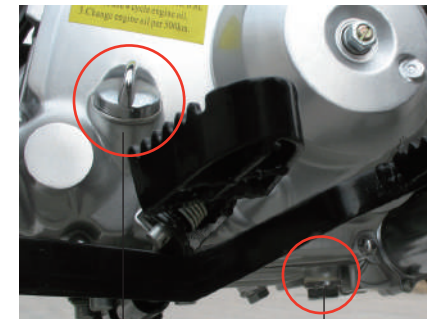
A. Engine preheater minutes.

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.

I. Starting engine and a few minutes to preheat. Preheat should check whether there are oil spills. If it appears that



The refueling Screw release oil



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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.

Carburetor adjustment

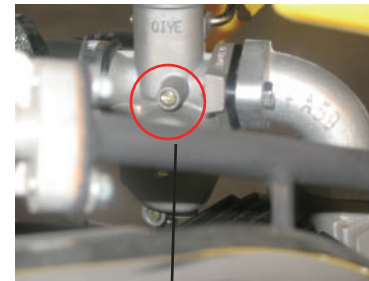
Carburetor is a key part of the car, the need for fine adjustment. Most adjustments should be entrusted with the expertise and experience COOLSTER dealers or repair shops.

Idle adjustment

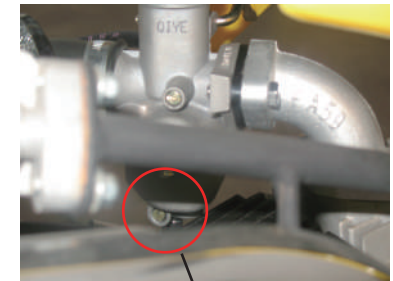
1. Connect speed LAU
2. Speed Festival through idle screw on the carburetor, idling provisions set to rotate within the raise into the engine speed, to a decrease in engine speed from

Standard Idle:

1500 ± 150 to / min



Screw idling



Screw release oil

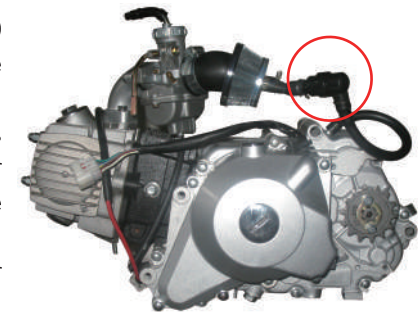
1, the part works for 150 hours ,please cleaning to make the part to use normally.

2, take out filter of oil and gas separator, using gasoline or kerosene to carry out the washing, and drying .

3, in the filter out, remember not to damage the filter.

4, the part may clean and use repeatedly in the non-damage's situation.

5, the part in use, will be regularly open sewage outfall for discharge, the user can also be observed at any time, please discharge the squalidity in accordance with the actual situation.



Air Filters

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

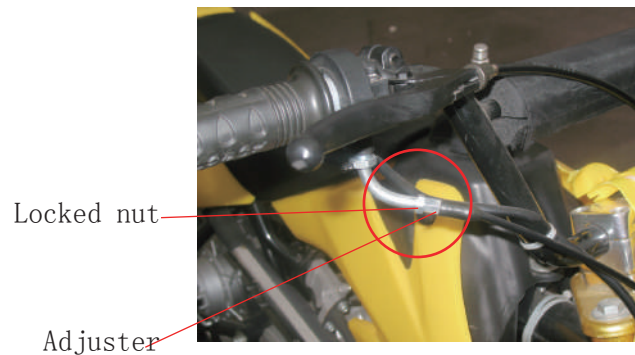
The throttle cable adjustment

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:
2 to 5 mm

- 1, loosen lock nut.
- 2, Hin into a regulator or until attaining the free trip.



Spark Plug inspection

Model: NGK

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.



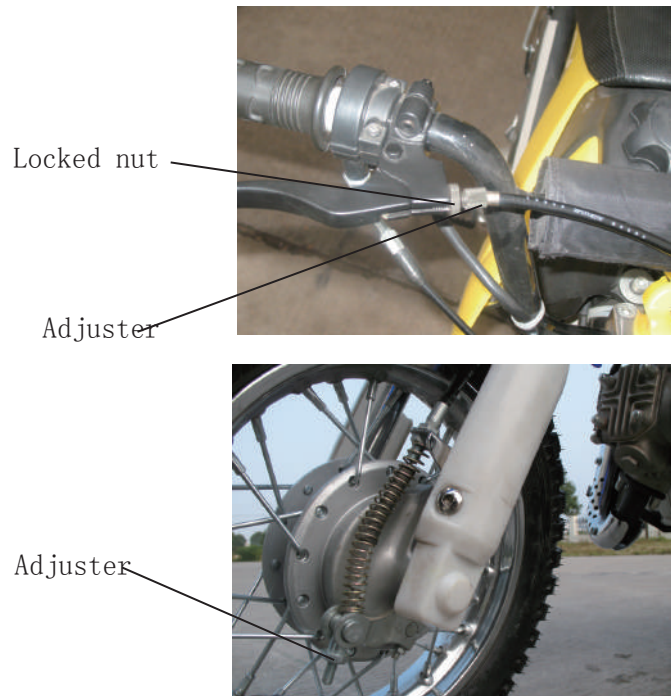
The front wheel brake adjustment

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.

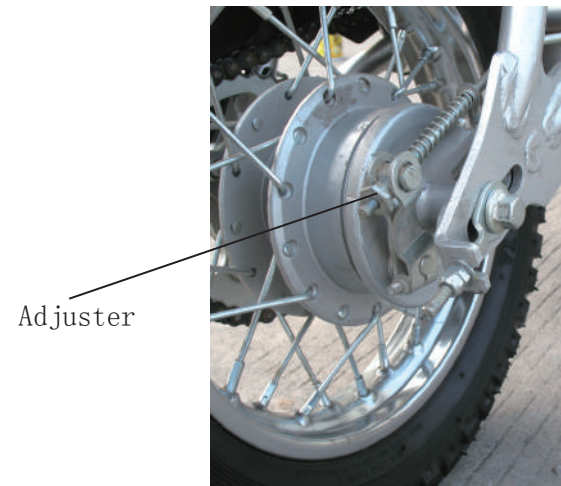
When the brake handle and can not be used to appropriate requests, please COOLSTER commissioned by the dealer or repair shop to adjust brake shoes.



The rear brake adjustment

The brake pedal will be rear-wheel brake pedal-free itinerary adjusted to 20 ~ 30 mm. Rod rotate clockwise direction by the regulator will reduce the trip, according to the direction of rotation was 10,000 against the increase itinerary.

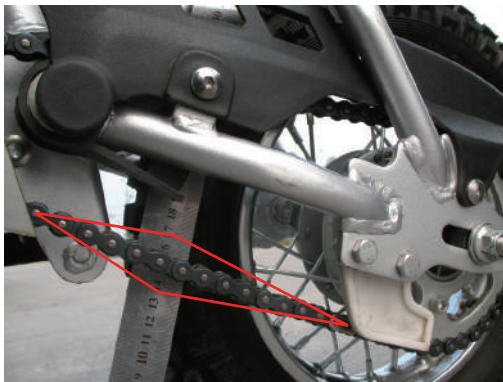
Note: 1, whenever the chain was adjusted, or discard the rear wheels, and then re-installed, it must inspect the rear brake pedal adjustments.



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 15 to 25 mm. If relaxation beyond 25 mm should be adjusted.



The drive chain adjustment

- 1、 loosen the rear brake adjuster.
- 2、 loosen after the axle nut

3、 For tensioning chain, the chain by rotating clockwise direction on the M6 regulator anti-retreat-pine 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 . Forward and rear axle into. The same should be fully rotate the regulator of the M6 and the prevention of anti-retreat Pine Nut , Pian would maintain coaxial.

- 4、 in the adjustment, must tighten all loosen the parts.
- 5、 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.



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 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

Shaft parts to be lubricated

Recommended lubricants:
Lithium lubricate Grease



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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.

The replacement fuse

1, fuse on the right 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

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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) off switch;
- (2) The exhaust pipe muffler exports;
- (3) 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

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,

Transport

1. Vehicles should be solidly fixed on the transporters, there should be effective rain preventing measures, without bumps and damaged phenomenon happen.

2. The packing carton shall not be tilted on the way of delivery.

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) add fuel to the fuel tank.

3) all of the pre-inspection lane.

4) before traveling during the next regular session, a choice open, pedestrian areas for less performance

DEVANNING ASSEMBLY



1、Packing carton



2、Open the carton



3、Take out dirt bike



4、Pick parts out



5、Install rear shock



6、Instal handle bar

DEVANNING ASSEMBLY



7、Install front fender



8、Take out fixer of front shock



9、Install front wheel



10、Install decorator of front shock



11、Cut fixer of pedal



12、Finished installation

Correspondence tables fastening torque

Screw size	Fastening torque N · M	Standard torque N · M	Screw size	Fastening 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

Warranty Statement

U.S.A. EPA Emissions Limited Warranty

This All Terrain Vehicle (ATV) and Off Highway Motorcycle (OFMC) emissions limited warranty is in addition to the Maxtrade standard limited warranty for All Terrain Vehicles.

Maxtrade warrants that this vehicle are; (1) designed, built, and equipped to conform at the time of initial sale with the requirements of 40 CFR 1051 and, (2) free from defects in materials and workmanship that may keep it from meeting these requirements.

The emissions warranty period for this vehicle begins on the date the vehicle is delivered to the original retail purchaser and ends 5 years or 5,000 km, whichever comes first.

This emission - related warranty covers components whose failure would increase an engine' s emissions, including electronic controls, fuel injection, exhaust—gas reticulation, after treatment, or any other system utilized in this vehicle to control emissions. Replacing or repairing other components not covered by this emissions warranty or the standard warranty is the responsibility of the owner; including the parts, labor and other costs associated with recommended maintenance.

The exclusive remedy for breach of this limited warranty shall be, at the exclusive option of Maxtrade, repair or replacement of any defective materials, components or products. THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY ARE THE ONLY REMEDIES AVAILABLE TO ANY PERSON FOR BREACH OF THIS WARRANTY. MAXTRADE SHALL HAVE NO LIABILITY TO ANY PERSON FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY DESCRIPTION, WHETHER ARISING OUT OF EXPRESS OR IMPLIED WARRANTY OR ANY OTHER CONTRACT, NEGLIGENCE OR OTHER TORT OR OTHERWISE.

ALL IMPLIED WARRANTIES (INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTEIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO THE WARRANTY PERIOD DESCRIBED HEREIN. MAXTRADE DISCLAIMS ALL EXPRESS WARRANTIES NOT STATED IN THIS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply if it is inconsistent with the controlling state law.

This limited warranty excludes failures not caused by a defect in material or workmanship. This limited warranty does not cover damage due to accidents, abuse or improper handling, maintenance or use. This limited warranty also does not cover any engine that has been structurally altered, or any engine that has been used in racing competition. This limited warranty also does not cover physical damage, corrosion or defects caused by fire, explosions to other similar causes beyond the control of Maxtrade.

EMISSIONS WARRANTY PARTS LIST

<u>Fuel Metering System</u>	<u>Ignition System</u>	<u>Exhaust System</u>	<u>Emission Control System</u>
Carburetor	Spark Plug	Exhaust Manifold	Air Cleaner Housing
		Catalyst Converter	Air Cleaner Housing Cov.

Model Year: 2011 or Later Models

Manufacturer Name: Zhejiang Qiye Scooter Co., LTD

Importer Name: Maxtrade LLC.

Emission-Related part number #

ENGINE FAMILY	CARBURETOR	INTAKE MANIFOLD	SPARK PLUG	EXHAUST MANIFOLD	CATALYST CONVERTER	AIR CLEANER HOUSING COVER	pulsed air injection reaction (PAIR) system
BMXTX. 125M1A CMXTX. 125M1A DMXTX. 125M1A EMXTX. 125M1A	QIYE 11	QIYE 12	A7TC	QIYE 13	QIYE 14	E4. GH110-1	QIYE 1
BMXTX. 125M4A CMXTX. 125M4A DMXTX. 125M4A EMXTX. 125M4A	QIYE 11	QIYE 12	A7TC	QIYE 13	QIYE 14	E4. GH110-1	QIYE 1
BMXTX. 150M5A CMXTX. 150M5A DMXTX. 150M5A EMXTX. 150M5A	QIYE 31	QIYE 32	A7TC	QIYE 33	QIYE 34	QIYE 35	QIYE 1
BMXTX. 250M6A CMXTX. 250M6A DMXTX. 250M6A EMXTX. 250M6A	QIYE 31	QIYE 32	A7TC	QIYE 33	QIYE 34	QIYE 35	QIYE 1
BMXTX. 070M7A CMXTX. 070M7A DMXTX. 070M7A EMXTX. 070M7A	QIYE 41	QIYE 42	A7TC	QIYE 43	QIYE 44	E4. GH110-1	QIYE 1

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 .foot start could work		Repair or renew
10.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 carburator
	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.suspention 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

1. Remove filler cap strip (where fitted) (Fig.1) from bottle, to expose silver sealed foils, do not remove the silver foils

(Note: the bottle contains the exact amount of acid for the battery)

2. Line up the neck of the bottle with the battery filling holes (Fig.2)

3. Push bottle down into the holes piercing the seals and allowing electrolyte to flow into battery

4. When all the fluid has drained into the battery remove empty bottle and firmly press the sealer cap into position over battery vent holes(Fig.3)

5. Use only in stand up position

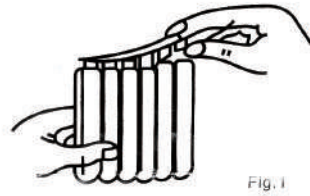


Fig.1

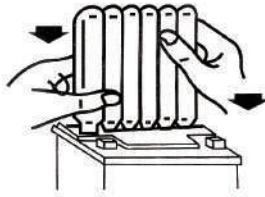


Fig.2

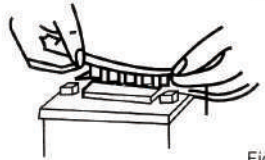


Fig.3

Correspondence tables fastening torque

Screw size	Fightenin gtorque 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			

SPECIFICATIONS

I、NO: QG-213A

II、The main specs of size:

2. 1、Model dimensions: 1330x600x820mm
2. 2、wheelbase: 935mm
2. 3、ground clearance: 110mm
2. 4、front gradient: 23°
2. 5、minimum turning radius: 2800±200mm
2. 6、steering angle: left\ light 40±2°
2. 7、dry weight : 50kg
2. 8、seat height: 600

III、main quality specs:

3. 1、max speed(km/h): 50

IV、engine specs

4. 1、engine no: 1P52FMH
4. 2、engine type: single cylinder,4-stroke, compulsory air cooled
4. 3、bore*stroke(mm): 52.4x49.5
4. 4、compression ratio: 9.0 : 1
4. 5、max power kw/(r/min): 4.36/7500(Kw/r/min)
4. 6、max torque N·m/(r/min): 6.18/5500(N.m/r/min)
4. 7、the mini speed unlade stability: 1500±150 r/min
4. 8、gas type: ≥90#
4. 9、engine oil capacity : 900 ml
4. 10、lubrication system: pressure spatter
4. 11、starting system: electric
4. 12、Ignition: CDI
4. 13、clutch type: Auto clutch
4. 14、carburator no: PZ19
4. 15、spark plug no: D7TC
4. 16、spark plug space: 0.6~0.7
4. 17、fuel tank capacity: 3.5L standby:1.2L
4. 18、engine displacement: 110CC

V、shock absorber type

5. 1 shock absorber front : spring
5. 2 shock absorber rear : hydraulic spring

VI、tire specs pressure

6. 1Hubs front: 1.40X10
6. 2 Hubs rear: 1.40X10
6. 3 tires front: 2.75-10 32psi
6. 4 tires rear: 2.75-10 32psi

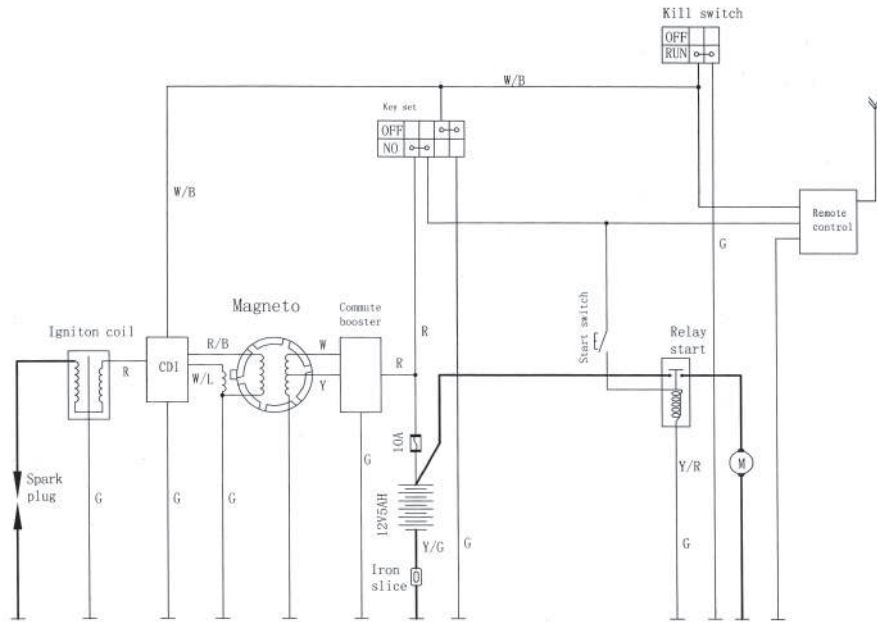
VII、brake system

7. 1 brake front: hub brake/hand manipulating patterns
7. 2 brake rear: hub brake/foot manipulating patterns

VIII、electric equipment

8. 1generator: non-contact outside the rotor flywheel
8. 2Battery:12V5AH

ELECTRIC DIAGRAM



MAXTRADE LLC,S WARRANTY POLICY FOR ON AND OFF ROAD MOTORCYCLES,ATVS, SUV AND GO-KARTS

This warranty is limited to cover any defective parts of original purchaser of MAXTRADE LLC(here refer as MAXTRADE) for 90 days from the date of MAXTRADE,S sales invoice and does not cover common wear items such as blades, belts, tines, tires etc, MAXTRADE reserves the right to inspect any equipment or parts, which are claimed to have been defective in ,material or workmanship.

This warranty does not apply to any parts or product which in MAXTRADE,S judgment shall have been misused or damaged by accident or lack of normal maintenance or care ,or used as rental or racing or ride abuse or altered in a way which adversely affects its performance or reliability, or which has been used for a purpose for which the product is not designed, Misuse also specifically includes failure to properly maintain oil levels, grease points, and drive line shafts ,MAXTRADE reserves the right to make changes in materials or design of the product at any time without notice,

This warranty shall not be interpreted to render MAXTRADE liable for damages of any kind , direct ,consequential, or contingent to property, Furthermore , MAXTRADE shall not be liable for damages resulting from any cause beyond its reasonable control ,This warranty does not extend to loss of any expense or loss for labor ,towing ,shipping charges incurred, supplies, and rental machinery or for any other reason.

MAXTRADE does not reimburse any labor cost, However MAXTRADE does provide free labor on defective motors and installation of defective parts that are still under their specified warranty period in its own facility.

The following items are not covered:

Blades tires, tines rims , body panels ,fuses, forks ,shocks, gaskets, light bulbs, seats ,CV Boots, oil filter, fuel filter, filters, clutch wear parts, cables, drive belt, chain, spark plug, any part made from rubber, belts, brake linings and /or pads, batteries, sprockets, external springs, clips, nuts, bolts and fasteners. Engine case will be covered only if damaged caused by internal mechanical failure lubricated components.

Warranty claim procedure:

- 1)Customers needs to fill out the RMA form. From line: www.coolster.com/rma-information.html.
- 2)Call for a RMA Number (626)-228-0251- RMA Department
- 3)Ship the defective parts with the copy of your original invoices and the RMA form you filled out.
- 4)Ship to:

MAXTRADE LLC (RMA Department)
9436 RUSH ST
SOUTH MONTE, CA 91733

- 5)After receiving the parts ,MAXTRADE will be do an inspection and other necessary steps to repair, rebuild or replace warranty part and send them back to customer.

WHY WE NEED YOU TO SEND PARTS BACK?

- We need to verify your replacement part is the correct one to send you.
- We require the part back so we may monitor defective parts and notify the correct manufacture of potential future problems or recalls.
- We need to verify that your part in fact defective ,Many times receive parts that are not defective at all.

SHIPPING AND HANDLING CHARGES:(S/H CHARGES)

Within in warranty period customer pays S/H charge to MAXTRADE facility and MAXTRAD will pay return shipping to customer unless it is determined the part was abused, misused or damaged in any way other, than a manufacturers defect, Customer needs to pay for part(s) and S/H both ways for out of warranty parts.

All Sales Policy:

All sales are final, No return, no exchange ,No refund for any reason.

Changes ,Errors /Inaccuracies:

www.coolster.com reserves the right to update or modify these Terms/ Conditions at any time without prior notice ,improvements to products may result in unannounced small changes to specifications and external appearance, We strive to list and advertise all text and product information as accurate as possible ,However ,unforeseen, typographical errors ,picture errors and inaccurate information on this website may occur, We reserve the right to correct any errors ,inaccuracies or omissions and to change or update information at any time without prior notice, including order that have already been submitted ,if such errors occur ,we apologize for any inconvenience.

Binding Agreement:

These Terms and Conditions, together with all Exhibits to these Terms and Conditions form a binding agreement(the .Agreement) between the buyers and Maxtrade LLC.