

**WARNING**

Improper ATV use can result in SEVERE INJURY or DEATH.

ALWAYS USE AN APPROVED HELMET AND PROTECTIVE GEAR

NEVER USE ON PUBLIC ROADS

NEVER CARRY PASSENGERS

NEVER USE WITH DRUGS OR ALCOHOL

**NEVER** operate:

- without proper training or instruction.
- at speeds too fast for your skills or the conditions.
- on public roads-a collision can occur with another vehicle.
- with a passenger-passengers affect balance and steering and increase risk of losing control.

**ALWAYS :**

- use proper riding techniques to avoid vehicle overturns on hills and rough terrain and in turns.
- avoid paved surfaces-pavement may seriously affect handling and control.

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



[www.coolster.com](http://www.coolster.com)

## OWNER'S MANUAL CHALLENGER GK-6125



### ⚠ WARNING



Operation of this ATV by children under the age of 16 increases the risk of severe injury or death.

**NEVER** permit children under age 16 to operate this ATV.

# **WARNING**

- **Warning is signal that lets people know the possible risks and tells people who drive this vehicle to operate by following the right instructions to avoid accidents.**
- **Operation of this Go Kart 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 Go Kart**
- **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.**
- **Because after running and the exhaust muffler very hot, vehicles should be parked in child care and others not likely to encounter.**

## FOREWORD

Thank you choose this go kart

The go kart is based on market demand, porduction of a comprehensive survey. We hope htat it will bring you driving pleasure.

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

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# PAY ATTENTION TO YOUR SAFETY

Go Kart is not a toy, driving may cause danger. The operation of ATV is different from other motorcycles、automobiles and so on vehicles. If don't adopt right counter measures, even in right usage(such as turning、mountain roads、obstacles),can be easily rollover or collision.

Please drive according to the operation rules, or will bring serious damage or death:

1. Read carefully the instruction and all the labels,drive according to the procedure
2. Contact with the local agency, search the training courses nearby, carry on training. Don't drive until right guidance.
3. Children below 16 years old can not drive this Go Kart, for this Go Kart is not for children below 16 years old.
4. Can not carry people
5. Do not drive on paved roads, including sidewalk、lane、packing and street
6. Do not drive on public streets、roads、highway(even made of sand and stone)
7. When driving, please wear suitable certificated helmet、eye protection device(goggle or face cover)、gloves、boots、long-sleeved shirt and long sleeve pants
8. Do not drink wine or take medicine before or in driving
9. Do not speeding. To the allowing scope of the terrain, visibility,operational experience, drive in uniform speed.
10. Do not use this vehicle for the balance of technology, jumping and other stunts.

11. Check Go Kart before using every time, make sure it is in safe situation,operate the inspection、maintenance method and time table in the instructions

12. When driving ,do not put one hand away with handle bar or one leg away with seat

13. Slow down and pay more attention when driving in unfamiliar terrain. Pay attention to the changes of terrain.

14. Do not drive on bumpy, wet, soft places, unless they have mastered driving skills and put into practice in such places, always alert in such terrain.

15. When turning, operate according to the relevant knowledge in manuals. Try to high-speed turns, be sure to carry turning training in the low-speed. Do not speed when turning.

16. Do not drive in the slope which is too steep, exceeding the Go Kart and your allowed skills .First train in the flat slope before trying to drive in more steep slope

17. In climbing, always use in proper procedures according to the requirements in instructions . Carefully observe the terrain before climbing ,carefully climb in slippery or soft terrain. Driving on the way, keep the body center of gravity forward, do not suddenly full-throttle or shift. Do not speed when climbing the peak.

18. When brake in declivity and ramp, always use according to correct procedures required in instruction .Carefully observe terrain before downhill, keep center of gravity backwards. Do not high-speed downhill. Avoid turning when downhill (may Go Kart lead to a sharp tilt to one side), walk straight as much as possible.



19. When drive to the hillside, always use properly according to correct procedures required in instructions. Avoid over-smooth or soft terrain, in accordance with the rules mentioned in manuals. Center of gravity to the high side. With the slope driving, do not spin until master turning skills on flat roads described in the manuals.

20. During climbing, if want to turn off or reverse, pay attention to use the correct method. When climbing, avoid the engine stall, use correct gear and maintain a stable speed. If you want to turn off or reverse, do as the brake programs required in the manuals. Get off from the higher side. Start and get on the vehicle according to the instructions.

21. When driving in unfamiliar areas, pay attention to obstacles. Do not try to climb over large obstacles, such as large rocks or fallen trees. When over obstacles, drive carefully according to the instructions.

22. Be careful when slide or brake. Learn to control braking or sliding safely when on flat roads in low speed, such as ice surface, keeping in slow speed, carefully driving, to prevent loss of control

23. Do not drive in riptide or deep water. It is hard to brake when the plate is wet. Check the brake devices when away form water. Try to brake several times as much as possible.

24. When reverse, please ensure that no one or obstacles, behind, slow reverse.

25. Using the specified type and size of the tires in the instructions, maintain the proper tire pressure specified in the operation manuals

26. Do not reassemble the vehicle by increasing inappropriate equipment or using accessories.

27. Do not overload.

28. Do not touch the vent pipe, it's too hot after driving.

## GUIDELINES ON SAFE DRIVING

### ☆WARNING

You could be KILLED or SERIOUSLY INJURED if do not follow instruction.

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.

4, Please put dry the oil inside carburetor and the oil tank before transportation, in order to avoid jamming.

5, Transit goods please vertical put, to avoid engine oil leak.

For training please call ASI at 1-800-887-2887



**DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.



**WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.

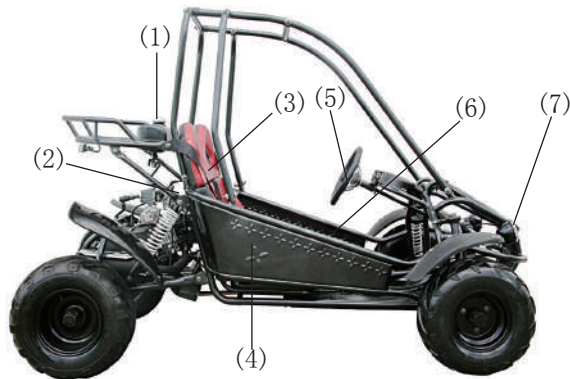


**CAUTION**, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



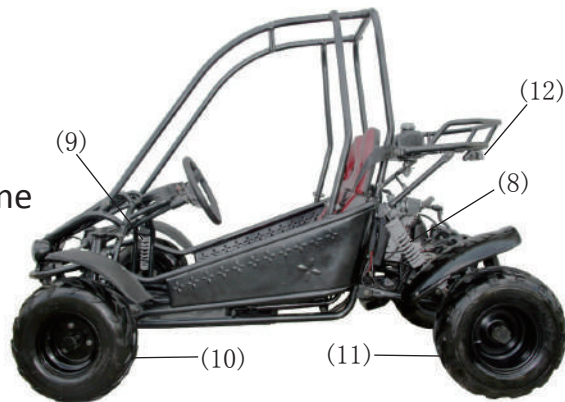
**NOTICE** is used to address practices not related to personal injury.

## DESCRIPTION



- (1) Oil tank
- (2) connect a line box
- (3) Seat
- (4) Frame
- (5) Steering
- (6) Gearshift pole
- (7) Front light

- (8) Rear shock absorber
- (9) Front shock absorber
- (10) Front wheel
- (11) Rear wheel
- (12) Rear light



- (13) Foot brake
- (14) Greaser
- (15) Lamp switch
- (16) Starting switch
- (17) Kill switch
- (18) Keyset
- (19) Throttle switch



- (13) Foot brake
- (14) Greaser
- (15) Lamp switch
- (16) Starting switch
- (17) Kill switch
- (18) Keyset
- (19) Throttle switch

## WARNING

The warning signs with the word "WARNING" indicating the existence of the potential risks that may result in serious injury or death.

- 1、Seat Belt Must Be Worn At All Times
  - THIS VEHICLE MANUFACTURED FOR OFF-ROAD USE ONLY.
  - DO NOT OPERATE ON PUBLIC STREETS, ROADS OR HIGHWAYS.
- 2、1. Prohibit run at max speed. Or jumping run.  
2. Please read owner's manual before operate and follow all instructions and warnings.  
3. This vehicle use unleaded fuel only, please switch off the engine when filling to avoid fire or explosion.
- 3、● ALL HAIR MUST BE TIED UP AND SECURED AT OR ABOVE SHOULDER LENGTH.  
● ALL LOOSE CLOTHING MUST BE SECURED.  
● ALL ALL NECKLACES AND SCARVES MUST BE SECURED.
- 4、do not dangerous behavior
- 5、Operation of this Go Kart by children under the age of 16 increases the risk of severe injury or death.  
NEVER permit children under age 16 to operate this Go Kart.



6、 THIS GO-KART CAN BE HAZARDOUS TO OPERATE if driven carelessly. INJURIES can result if you do not follow these Instructions:

- READ OWNER'S MANUAL NAD ALL LABELS BEFORE YOU OPERATE THIS GO-KART.
- NEVER OPERATE THIS GO-KART WITHOUT PROPER INSTRUCTIONS. Beginners require mature supervision.
- NEVER OPERATE THIS GO-KART ON PUBLIC ROADS It is intended off-road use only.
- NEVER OPERATE THIS GO-KART AT EXCESSIVE SPEEDS.
- NEVER ATTEMPT WHEELIES,JUMPS,OR OTHER STUNTS.
- NEVER USE WITH DRUGS OR ALCOHOL.
- ALWAYS USE AN APPROVED HELME AND PROTECTIVE GEAR.

7、 ●Operation of this Go Kart 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 Go Kart
- 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 streels. Roads or highiays is illegal.
- Always wear helmet and other protective equipment.
- Do not operate this vehicie after consuming Alcohol or Drugs.
- Gasoline is flammable. When refueling. Pls shut off-engine. to avoid sparks and open flame.
- Read owner's maual carefully before ridng.Keep owner's manual with vehcle.

8、 ●Moving parts can crush and cut.

- Keep hands clear.

- Do not operate with guard removed.

9、 Transform the gear whatever you want to enter that when a gear, must return to the "N"position of the files to get into the you want in gear.

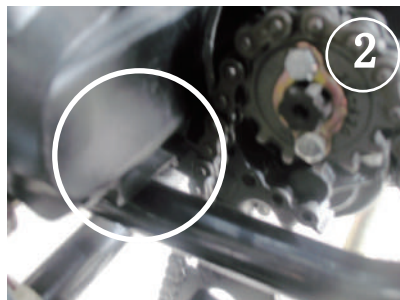
## Go Kart RECOGNITION

1、 VIN plate number and product VIN (See left picture)

2、 Engine model and serial number (See right picture)





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## CONTROL FUNTIONS


### 1、 The ignition switch

Location	Functions	Key state
	All circuits wre disconnected	Pull out
	Circuit was connected (brake light could work)	Not pull out

### 2、 Killer switch

	When you press killer switch, engine would stop
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### 3、 Headlight switch

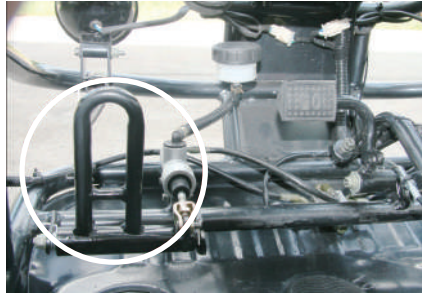
Location	Function
	Open front lamp

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#### 4、Front& rear brake pedal

The front, rear brake pedal located at front left foot pedal. Trample on pedal to make front, rear brake work. (Note: because braking function of go kart is using a drag 3, in four-wheel braking is almost at the same time.



#### 5、The fuel Cover



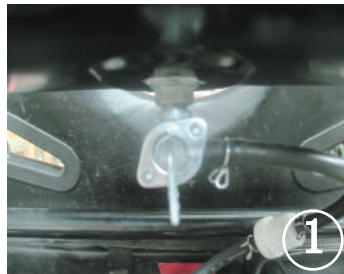
Note: the fuel Cover should be tightened .

#### 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.

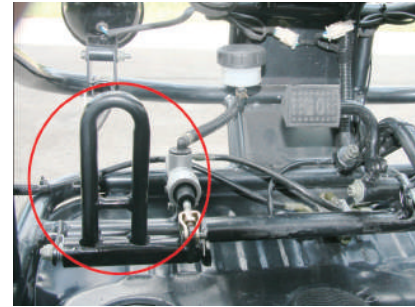
Disconnect: fuel will not flow. When the engine is not running, always will be back to handle the position. (看1图)

Connected: fuel flow carburetor. Lane will usually handle this position at home. (看2图)



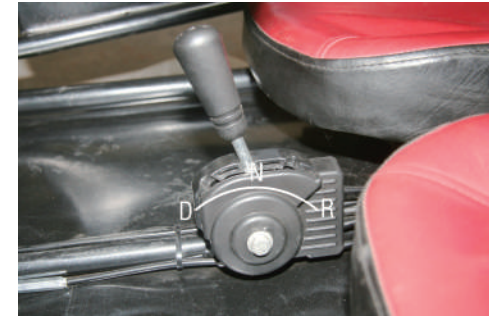
#### 7、Start

Electric Start, please step on the pedal of rear brake, then press the start switch.



#### 8、Gearshift control

The Bike is used automatic centrifugal clutch, shift operation is relatively simple, as long as by pegging the throttle to stall with their hands on up. The car stalls non-circulating system; The middle is neutral gear, move forward is forward gear, move back is reverse gear.



When the green light is on behalf of gear in neutral, the red light on behalf of reverse, if the two lamps are lit on behalf of the stalls in forward gears





# 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.
Braker manipulation shaft	inspection operation is smooth and, if necessary, should be conducted lubrication.
Brake and clutch manipulation 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: 3.1L

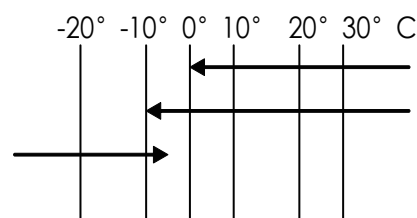
**Oil:** Oil confirm whether oil at the designated place. (See left picture)

1、 the maximum oil level.

2、 the lowest of oil. (See right picture)



Recommended oil



SAE 20W40 SF Engine oil

SAE 10W30 SF Engine oil

SAE 5W30 SF Engine 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*8.00-7	10~24 psi
Rear tire	17*7-8	10~24 psi

## IMPORTANT ELEMENTS OPERATIONAND 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, the fuel valve turn to:"see right picture"position.(If there is oil switch,please click it.)

3, step on the rear brake pedal.(launched in order to prevent the car after forward)

4, the upward resistance throttle arm closed, not to refuel the door.

5, press the start switch.

6, the resistance after heat engine throttle arm downward completely open.

Note: If the engine can not start, should be released starting switch,

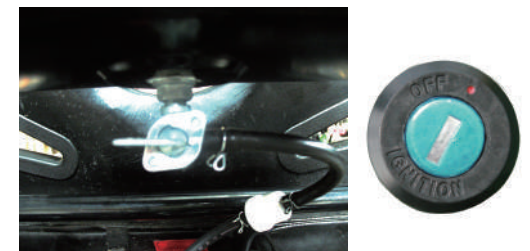
wait a few seconds, then try again. Each attempt, as far as possible in

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

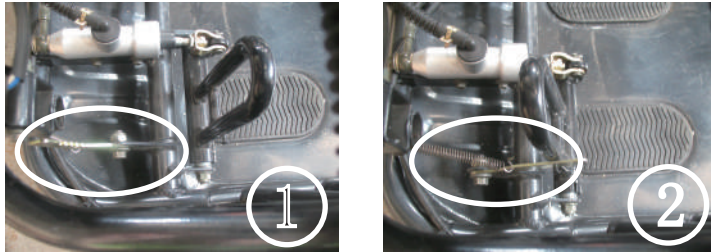
### Hot engine starter

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



## Hand brake

- 1、 When the car is running is always placed on release status.
- 2、 Parking must be closed when the switch away before leaving.



## Brake

Braking: the road, when there are obstacles ahead (pedestrians, vehicles, goods), in order to brake security measures must be taken. Braking into braking deceleration, parking brake and emergency brake. (As the use of a vehicle brake in the form of three trailers, in the other car with the braking different-shaped)

1), braking deceleration

Braking deceleration in the decrease throttle alone can not meet the requirements of deceleration taken under braking, under normal circumstances, only left point hit the brakes gently Block 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. General, when the speed is high, the focus slightly braze Block.

3), emergency brake

Emergency brake in a sudden emergency situation, in order to avoid the occurrence of accidents to brake. Then head to react quickly and calmly. Followed by the accelerator, brake blocks to be parked at. These order and spacing is also necessary to science. These two moves very short interval of time is almost at the same time. (Note: In the emergency brake, we should pay attention to control the car - and the focus of constant)

## The acceleration engine

Because the vehicles use automatic centrifugal drive. Therefore, accelerating and decelerating only need to control the size of the throttle up. Stamping on the right foot forward in the light of the increase in speed, it is slow release

## The commissioning Engine

0-1000 km from the go kart 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.

3500 ~ 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

Need parking, the cars parked in a safe-ventilated places, locked, keys removed. Should stop valve engine and the fuel transferred to the closed state. Then press the buttons in the car.

If there is time, it can conduct the inspection parking, including lighting, fuel quantity, lubricant level. If failure should be immediately ruled out.

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-- 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	☆	☆	☆
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	☆		

Item	Notes	Running-- in1000km or one month	Initial 3000km Or three monthe	Every 3000km Or three monthe
Tire/wheel	Check tire pressure / balance / Wear state / poor place, if necessary, repair or replacement		☆	☆
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	☆	☆	☆
Battery*	Check proportion. If necessary, the correction should be carried out	☆	☆	☆
Brake liquid	Once every two years to replace			
Brake liquid pipe	Once every four years, the replacement (if any breakage or leakage an replace			
Steering Mechanism	Before each use should be checked and, if necessary, should be anchored.			

\*: 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	Fighting torque N•M	Standard torque N•M	Screw size	Fighting 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.

E. 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:

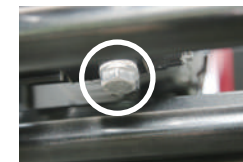
- Do not join any chemical additives. Also lubricating oil clutch, clutch slipping and additives will.

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

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  $\pm$  1 50 to / 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:  
2 to 5 mm

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

## 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.

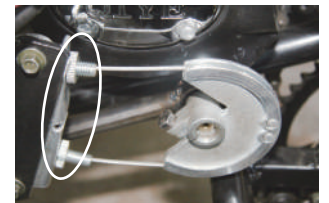
Note: If you have not installed when the spark plug torque wrench, torque correct estimation method is tightening its hand to exceed 1 / 4 to 1 / 2 laps

### Gearshift cable adjustment

Handle stall for the free trip should be 2 to 5 mm

- 1, pinch-locking nut
- 2, rotation length of cable regulation, or screw fastening to the appropriate date and up.
- 3, fastening the lock nut.

When can not use the stalls control stalls handle the work,

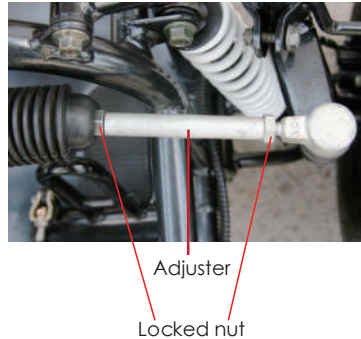




## The adjustment of the front wheel

When travelling to the car after a period of time, if the two uneven changes in front rows can be adjusted according to the following methods.

- 1, the first is the steering wheel.
- 2, pinch-locking nut.
- 3, under the direction of drawbars on the actual needs of a rotation adjustment.
- 4 and get locked tight after fastening nut.



## 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 5 to 15 mm. If relaxation beyond 15mm should be adjusted



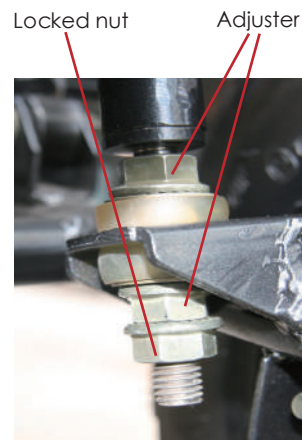
## The drive chain adjustment

1, fastening the chain-the regulator, and the locking nut adjustment nut.

2, For tensioning chain, and by rotating clockwise direction chain adjuster on the bottom of the lock nut clockwise direction of rotation and then adjusting nut. If the chain needs to relax, according to the direction of the chain-clock regulator on the adjustment nut.

3, the adjustment must be tightened, under lock nut.

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.



## 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 danger-ous, 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.

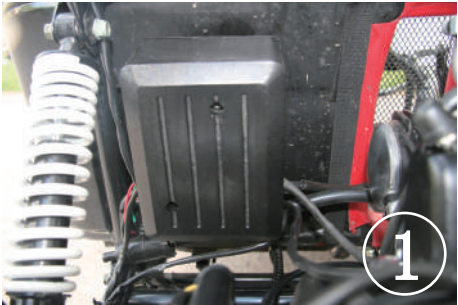
- should be placed in child care could not get places



# The replacement fuse

- 1, fuse box in the wiring(图一)
- 2, need to be replaced, please wiring will be demolished to injectors.(图二)
- 3, 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



# 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 carburator
	6.engine oil is not enough		Add engine oil
	7.vent-pipe block up		clean

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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

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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 unstabilty	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.

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

3) add fuel to the fuel tank.

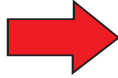
4) all of the pre-inspection lane.

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

## GK-6125 INSTALL PROCESS AFTER PACKAGING(1)



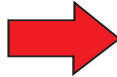
1、Disassembled packaging belt



2、Take out carton



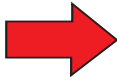
3、Disassembled metal frame



4、Install ball head bar



5、Install front wheel



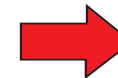
6、Install front fender

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## GK-6125 INSTALL PROCESS AFTER PACKAGING(2)



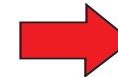
7、Install rear wheel



8、Install rear fender



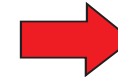
9、Install battery



10、Install steering



11、Install seat



12、Install shelf

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## GK-6125 INSTALL PROCESS AFTER PACKAGING(3)



13、Install shelf



14、Install shelf



15、Install shelf



16、Install shelf



17、Install shelf



18、Install safety belt

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## GK-6125 INSTALL PROCESS AFTER PACKAGING(4)



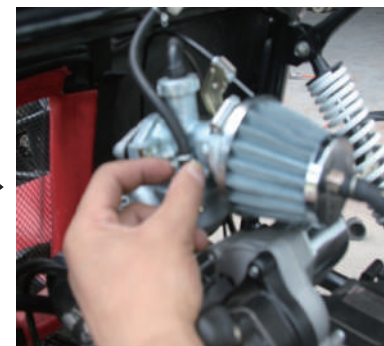
19、Install safety belt and shelves after



20、Install shelves after



21、Fine screw



22、Grafted in oil pipe



23、Grafted in Tail lamp plug



24、Install dustproof cover

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## GK-6125 INSTALL PROCESS AFTER PACKAGING(5)



25、 Finished installation

## Correspondence tables fastening torque

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

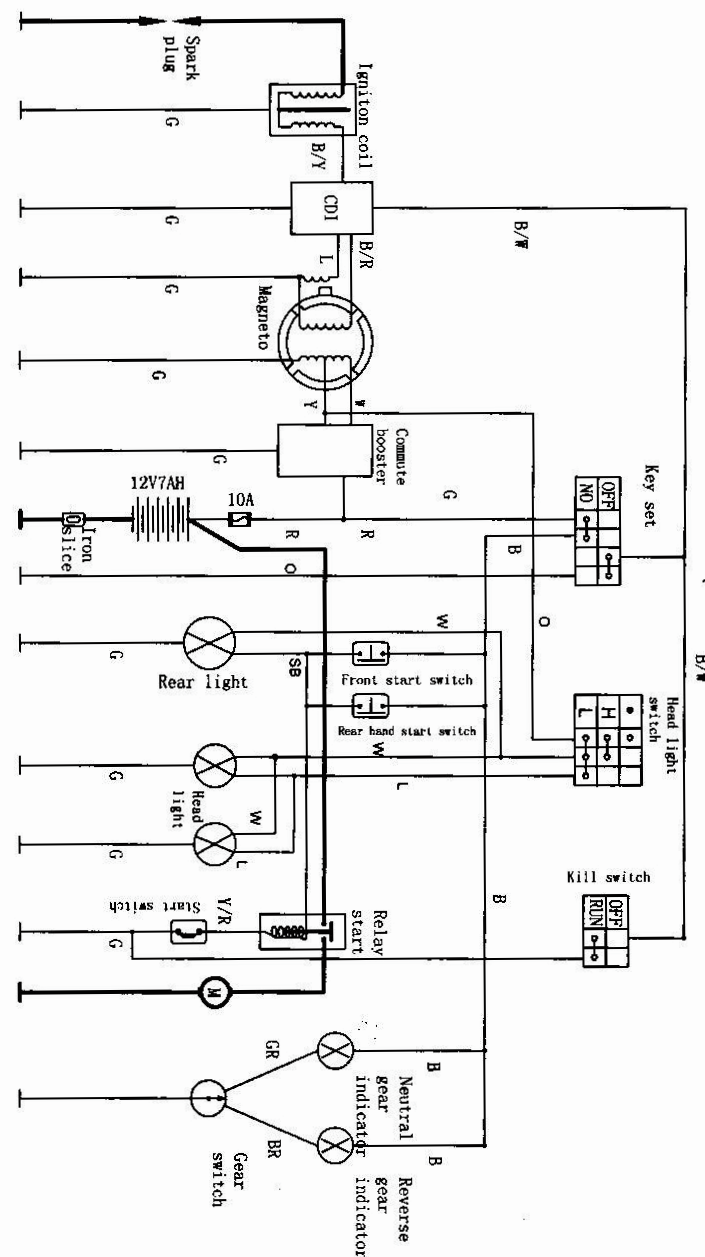
## GK-6125 SERIES Main specs (1)

1. Main size
  - 1.1 Overall size..... 1900mm×1285mm×1290mm
  - 1.2 Wheel base..... 1370mm
    - a) front wheel base..... 1010mm
    - b) rear wheel base..... 905mm
  - 1.3 Seat height..... 320mm
  - 1.4 Mini ground clearance..... 105mm
  - 1.5 Front extension angle..... 53°
  - 1.6 Turning circle diameter..... 4600±500mm
  - 1.7 Steering angle..... 36°±5°
2. Main quality specs
  - 2.1 Net weight..... 140kg
  - 2.2 Max load..... 60kg
3. Engine specs
  - 3.1 Engine no..... 1P74QME(125cc)
  - 3.2 Engine type..... 4-stroke, single cylinder
  - 3.3 Bore × stroke..... 52.4mm × 49.5mm
  - 3.4 Cylinder capacity..... 107ml
  - 3.5 Compression ratio..... 9:1
  - 3.6 Standard power ..... 4.36/7500±500(Kw/r/min)
  - 3.7 Max torque ..... 6.18/5500±500(N•m/r/min)
  - 3.8 Unlode stability minimum speed..... 1500150r/min
  - 3.9 Gas oil#..... ≥90#
  - 3.10 Lubricant type..... SF 15W/40
  - 3.11 Lubricant capacity..... 900ml
  - 3.12 Lubricate system..... pressure spatter
  - 3.13 Starting system..... electric
  - 3.14 Ignition system..... CDI
  - 3.15 Clutch type..... auto clutch
  - 3.16 Transmission type..... chain driven

## GK-6125 SERIES Main specs (2)

- 3.17 Carburator No..... PZ25
- 3.18 Spark plug No..... D7TC
- 3.19 Spark plug clearance..... 0.6 ~ 0.7
- 3.20 Vent-pipe type..... straight-through processing
- 3.21 Max speed..... 48km/h
- 4 Running system
- 4.1 Suspension system
- a) front suspension..... transverse double swing arm
- b) rear suspension..... non-independent suspension
- 4.2 Shock absorbtione type
- a) front shock absorpton..... hydraulic spring
- b) rear shock absorpton..... hydraulic spring
- 4.3 Tire specs pressure
- a) front tire..... 16×8.00-7 10~24 psi
- b) rear tire..... 17×7-8 10~24 psi
- 5 Braking system
- 5.1 Front brake..... hydraulic pressure disc, foot  
brake one drag three
- 5.2 rear brake..... hydraulic pressure disc, foot  
brake one drag three
- 6 wiring/electric equipment
- 6.1 Front light..... 12V15W
- 6.2 Generator..... oo-contact outside the rotor  
flywheel
- 6.3 Battery..... 12V5AH

## ELECTRIC DIAGRAM





## EMISSIONS WARRANTY PARTS LIST

### Fuel metering System

Carburetor

### Ignition System

Spark Plug

### Exhaust System

Exhaust Manifold

### Emission Control System

Air Cleaner Housing

Air Cleaner Housing Cov.

**Model Year:** 2013 or Later Models

**Manufacture Name:** Zhejing Qiye Scooter co., LTD

**Importer Name:** Maxtrade LLC.

### Emission-Related Part Number #

ENGINE FAMILY	CARBURETOR	INTAKE MANIFOLD	SPARK PLUG	EXHAUST MANIFOLD	AIR CLEANER HOUSING COVER
DMXTX.125M1A EMXTX.125M1A FMXTX.125M1A GMXTX.125M1A HMXTX.125M1A JMXTX.125M1A	QIYE 11	QIYE 12	A7TC	QIYE 13	E4.GH110-1
DMXTX.125M4A EMXTX.125M4A FMXTX.125M4A GMXTX.125M4A HMXTX.125M4A JMXTX.125M4A	QIYE 11	QIYE 12	A7TC	QIYE 13	E4.GH110-1
DMXTX.150M5A EMXTX.150M5A FMXTX.150M5A GMXTX.150M5A HMXTX.150M5A JMXTX.150M5A	QIYE 31	QIYE 32	A7TC	QIYE 33	QIYE 35
DMXTX.125M8A EMXTX.125M8A FMXTX.125M8A GMXTX.125M8A HMXTX.125M8A JMXTX.125M8A	QIYE 25	QIYE 12	A7TC	QIYE 13	E4.GH110-1
DMXTX.070M7A EMXTX.070M7A FMXTX.070M7A GMXTX.070M7A HMXTX.070M7A JMXTX.070M7A	QIYE 41	QIYE 42	A7TC	QIYE 43	E4.GH110-1

## Emission 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, vehicles with displacement of 100cc and over, warranty period shall be 5 years or 5,000 km, whichever comes first. On vehicles with displacement of 100cc and under warranty period shall be 5 years or 10,000 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 WARRANTIES 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.

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