

FOREWORD

May we, the manufacturer, take this opportunity to thank you for choosing our GK-125 **GO KART** to serve you.

This Owner's Manual is prepared for you the details as to operate and maintenance necessarily to perform in safety. Therefore, we would like you to read the manual before operate the vehicle.

It is our sincere wish that you enjoy operating the GK-125 and getting fun from it. Should you have any problems, please feel free to contact our local dealer in your area.

WARNING

- **OPERATOR ONLY**

This vehicle load limit and seating configuration is designed for operator only.

It is not for carrying a passenger.

- **ADULT SUPERVISION AND INSTRUCTION ARE REQUIRED**

- **FOR OFF-ROAD USE ONLY**

This vehicle is designed and manufactured for off-road use only.

Operation on public streets, roads or highways is illegal.

- **ALWAYS WEAR A HELMET**

- **READ THIS OWNER'S MANUAL CAREFULLY**

- **DO NOT OPERATE THIS VEHICLE IN THE NIGHT.**

IT'S DANGEROUS TO DRIVE ON AN UNCLEAR ROAD CONDITION.

SAFETY NOTES

- ★ Don't allow your child to ride without your supervision.
- ★ This vehicle is for OPERATOR-ONLY, NO PASSENGERS.
- ★ Keep a safety distance between your vehicle and other vehicles.
- ★ This vehicle is designed to be operated only on level, off road surfaces, free of obstacles.
- ★ Both the parent and their children must fully understand everything in this manual before riding.
- ★ It is illegal to ride this vehicle on public roads or highways. If it is necessary to cross a public road, please to get off this vehicle and push it across.
- ★ Do not operate this vehicle while under the influence of alcohol or drugs. This can impair judgement and result in serious injury or even death.

SPECIFICATIONS

ENGINE CAPACITY	GK-125
TYPE	4-STROKE, Single Cylinder
STARTING	ELECTRIC / KICK
LUBRICATION	OIL PUMP SEPARATE SUPPLY
TRANSMISSION	AUTOMATIC (C.V.T. , V-Belt)
SPARK PLUG	NGK C7HSA / CR7HSA (OPTIONAL)
BATTERY	YTX7A-BS
OIL CAPACITY	1 Liter, 0.7 Liter refill
FUEL TANK	5.0 Liter
OVERALL LENGTH	2100 mm
OVERALL WIDTH	1100 mm
OVERALL HEIGHT	1380 mm
WHEEL BASE	1146 mm
CLAIMED DRY WEIGHT	165 kg
BRAKE	FRONT: DOUBLE DRUM; REAR DISC
SUSPENSION	Oil damped , Front— DUAL A-Arm Rear—DRAG ARM W/ADJUSTABLE SHOCK
FRONT TIRE	16×8-7
REAR TIRE	18×9.5-8

SPECIFICATIONS

HEAD LIGHT	12V 18W x 2
REAR / BRAKE LIGHT	12V 5W/21W
SAFETY FUSE	7A
ENGINE OIL CAPACITY	10W/40, 0.7 Liter
GEAR OIL CAPACITY	SAE 90, 0.1 Liter

PERIODICAL CHECK & SERVICES

Service Interval

Inspection parts / System	(1)	(2)	(3)	Ref.
Air cleaner element		C	C	(Note 1)
Spark plug		I	I	
Petrol filter/Fuel Tube	I		I	D
Valve clearance	I	I	I	D
Engine oil	R	R	R	
Eng. oil filter screen			C	D
Engine idle speed	I	I	I	
Drive Chain	I,L		I,L(Note 3)	(Note 1,2)
Brake shoe wear / Brake system		I	I	(Note 2)
Clutch system	I	I	I,D	
Suspension		I	I	
Re-tighten up bolts and nuts	I		I	
Tire and Wheel	I	I	I	
Steering system and shaft bearing			I	

PERIODICAL CHECK & SERVICES

Service Interval

(1): Initial Service...20 hours or 150km either earlier time for new vehicle

(2): Regular Check...Every 100 hours or 1000km, earlier time

(3): Regular Check...Every 200 hours or 2000km, earlier time

C: Clean up

L: Lubricate or Grease

R: Replace

I: Inspection, check, adjust and replace if necessary

D: Need some special tools or techniques, suggest to be serviced on dealers site.

Note 1: Used in dusty, sandy, snow area need to be inspected.

Note 2: Used in rainy, muddy condition need to be inspected.

Note 3: Used after 50 hours or 500km need to be inspected.

CHECK PRIOR TO OPERATE

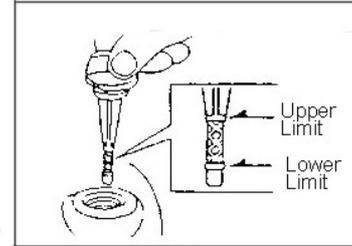
Inspect your vehicle every day before you run it. It only takes a few minutes to check and may save your life.

- ★ Check the tires condition and pressure.
- ★ Check the nuts, bolts and other fasteners.
- ★ Check the drive chain condition and slack.
- ★ Check the engine stop switch for good function.
- ★ Check the throttle pedal for smooth opening and closing.
- ★ Check the fuel level in fuel tank and engine oil level.
- ★ Check the brake operation to see is there any tie-up by brake cables.
- ★ Check the easiness for turning to the left and right of steering handle.
- ★ Check brake lever for effective braking. The free play should be between 1-2 cm (about 1/2 inch). Try braking soon as you are driving off.

CHECK PRIOR TO OPERATE

(1) Check and / or Refill Oil

1. Place the vehicle on flat ground. Take out the oil gauge and wipe it clean.
2. Insert the oil gauge into the engine oil.(don't lock it)
3. Take out the oil gauge and check the oil level. If it is close to the lower level, refill the engine oil to the upper level.



CAUTION :

The temperature of engine and exhaust muffle is very high. Be careful while checking engine oil to avoid burns.

In order to maintain the excellent performance of engine, check the engine oil level every 500KM.

CHECK PRIOR TO OPERATE

(2) Check and refill fuel

CAUTIONS :

- * Stop the engine for refilling.
- * Use unleaded gasoline with octane level 92 or higher.
- * Turn the gasoline cap clockwise to tight up. Counter clockwise to loose it.
- * Do not over fill the gasoline, it could cause fire when the engine is hot.

Engine oil change

Change engine oil at first 300 KM and then change at every 100hr / 1000KM.

Engine oil capacity : 0.7 Liter

Change Method :

1. Remove the oil gauge.
2. Remove the oil drain screw and drain the oil.(The oil will drain more easily when the engine is warm)
3. Remove the screw of oil filter.

4. Remove and clean the oil filter then reinstall it.

CHECK PRIOR TO OPERATE

5. Wipe the drain screw clean and reinstall it.
6. Refill fresh engine the oil for 0.7 Liter.
7. Firmly tighten the oil gauge.
8. Warm up the engine and check the oil level again after the engine is stopped for 10~20 seconds.

CAUTION :

1. Use the 10W/40 4-stroke engine oil. The oil level shall not exceed the upper limit.
2. When the vehicle often ridden on macadam road 、 ridden for short distance 、 for idle speed is too long or in the cold area, the oil need to change more frequently.

CHECK PRIOR TO OPERATE

(1) Check tires pressure

- * Check tire pressure if they are normal.

Front Tire size: 16x8-7 Recommended tire pressure: 8 psi (0.56 kgf/cm ²) Max. pressure : 10 psi (0.7 kgf/cm ²) Min. pressure : 6 psi (0.42 kgf/cm ²)

Rear Tire size: 18x9.5-8 Recommended tire pressure: 8 psi (0.56 kgf/cm ²) Max. pressure : 10 psi (0.7 kgf/cm ²) Min. pressure : 6 psi (0.42 kgf/cm ²)
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- * Check if there is any gravel in the tread grooves or any nail puncture. If so clean it.
- * Check for any crack or heavy worn-out, then replace it with new ones, if worn-out exceeds the limit.
- * Detailed tire specification please check the marking on tires. tire pressure can be adjusted depends on riding condition.

CHECK PRIOR TO OPERATE

(2) Check battery

- * Open the battery cover under rear suspension
- * Remove positive and negative terminals (negative first).
- * Remove battery and check voltage.
- * Normal voltage : 12V and above
- * Keep terminals clean constantly.
- * Charge the battery base on the battery's instruction.



(3) Check front and rear shock absorbers.

- * Apply pressure on both front steering handle and seat to check the function of front and rear absorbers.

(4) Check if exhaust is normal.

OPERATION

PARTS LOCATIONS

- (1) Fuel tank
- (2) Accelerator pedal
- (3) Brake pedal
- (4) Main switch
- (5) Fuel valve



OPERATION

MAIN SWITCH

OFF

- * To turn off the engine.
- * The key can be extracted.

ON

- * To turn on the power
- * The key can not be taken out.

START

At this position, engine cranks to start.



OPERATION

ELECTRIC STARTER

- * Cranks the engine.

CAUTIONS :

- ※ Don't turn again the starter as the engine is running.
- ※ Don't keep the starter button on more than 10 seconds when start up.

ENGINE STOP SWITCH

This switch is located under the steering wheel and can be used for emergency or safety switch.

- * Engine can start-up and operate at normal position
- * The engine will not operate when press down.



OPERATION

FRONT/REAR BRAKE AND PARKING BRAKE

1. Step the front/rear brake lever firmly.
2. Press the lever up ward and release brake lever to fixed the parking brake.
3. As brake position is fixed, the wheels will lock.

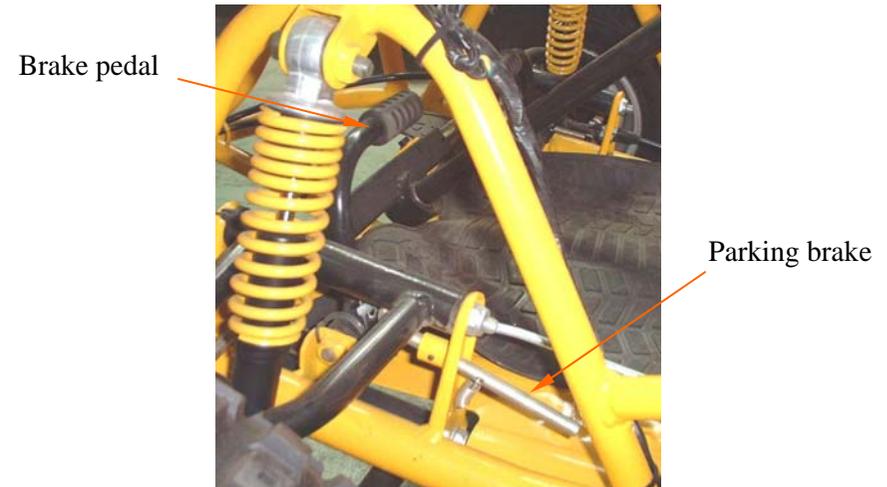
CAUTIONS :

※ Should the rear brake be not properly adjusted, brake may not be functioned; even though the brake lever is set at its fixed position.

OPERATION

Parking Brake Release

- * Push the brake pedal tightly, the parking brake .
- * There will be no brake function after brake pedal is released.



OPERATION

ENGINE START-UP & CAUTIONS

* Check oil and fuel prior to start-up.

1. Turn “Main Switch” on.

2. Start engine : Use of electric starter, throttle lever should be at the “close” state and step on the left brake lever. then turn the main switch to start.

CAUTIONS :

* Release the starter switch immediately after engine start-up.

* Do not press the button again as engine is running, or parts may be damaged.

* Start-up the engine at an open area since the exhaust gases from the engine is poisonous carbon monoxide.

* In case the engine will not start after the starter running 3 ~ 4 seconds, step the throttle lever slightly and try again, then engine should start.

OPERATION

- * It may be difficult to start the engine because of the vehicle has not been run for quite a time or fuel is refilled only at the time of running. As you do as recommended, it would be easy to start the engine, but throttle lever should stay in the “CLOSE” position.
- 3. Warm-up for several minutes is necessary after a cool engine start-up.

FUEL VALVE

- * The fuel valve is located on left side under the rear rack.
- * When the arrow mark on the lever pointed at “ON” position, the fuel is supply under normal condition.
- * When the arrow is pointed at “OFF”, the fuel can not supply.
- * When arrow mark pointed at “RES”, please refill the gasoline as soon as possible.



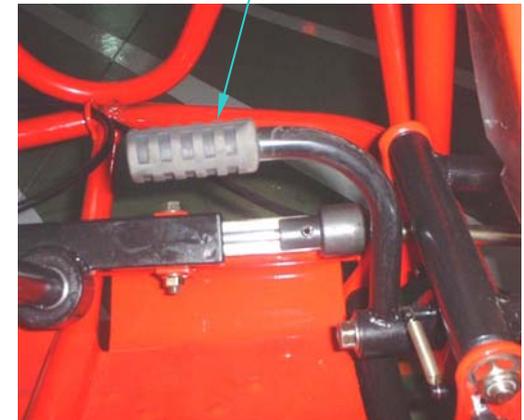
Fuel valve

CORRECT WAY OF DRIVING START OF DRIVING

Press the throttle pedal slowly to control your speed.

- * Acceleration is to increase the speed.
Slowly press the throttle lever while driving on a slope. It will activate the engine power.
- * Deceleration is to decrease the speed.
Release the throttle pedal backward will do.
- * Because the rear wheel does not provide differing rate of wheel rotation. The rider must learn to move his weight and control the throttle not to thumb over.

Throttle pedal



CORRECT WAY OF DRIVING

STOP OF THE VEHICLE

Approaching to the parking point.

- * Release the accelerator and apply brakes while the vehicle is stopped.

Complete stop

- * Engine will stop as the main switch turns to “ OFF ” .
- * Use parking brake if necessary.

CAUTIONS :

* Don't turn the main switch or engine stop switch to “OFF” during operation.

BRAKE-IN PROCESS

During the first couple weeks of riding, do not run the vehicle very fast and do not approach maximum RPM of the engine. The brake-in process will greatly increase the lifetime and long term power of the engine.

ABNORMALITIES AND TUORBLE SHOOTING

If the engine fails to start.

Engine fails to keep running.

Try to diagnose these malfunctions yourself first as follows.

- * Check the engine stop switch is functioning well.
- * Check the gas tank if fuel is available and sufficient.
- * Whether the procedure for engine start-up is correct

Contact the local dealer as soon as possible for checking on any abnormality of your vehicle.

PRODUCT IDENTIFICATION NUMBER

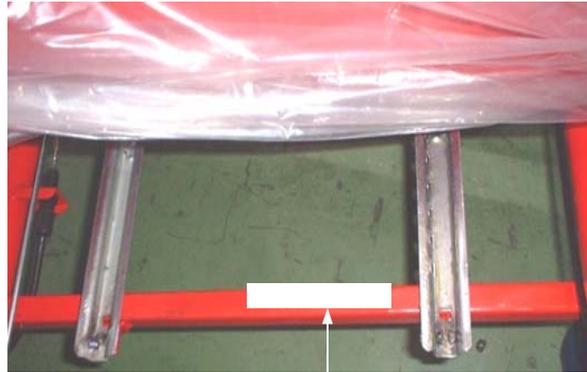
Please record the frame and engine number for reference.

The frame number (VIN) is stamped in the front of vehicle.

FRAME NO. RFL

The engine number is engraved on top of left crankcase.

ENGINE NO. _____



FRAME NUMBER



ENGINE NUMBER

INSPECTION AND SERVICE

DATE PURCHASED: _____ AUTH. DEALER: _____

INSPECTION(1)
DATE: _____

DEALER

INSPECTION(2)
DATE: _____

DEALER

INSPECTION(3)
DATE: _____

DEALER

INSPECTION(4)
DATE: _____

DEALER

INSPECTION(5)
DATE: _____

DEALER

INSPECTION(6)
DATE: _____

DEALER

INSPECTION AND SERVICE

INSPECTION(7)
DATE: _____

DEALER

INSPECTION(8)
DATE: _____

DEALER

INSPECTION(9)
DATE: _____

DEALER

INSPECTION(10)
DATE: _____

DEALER

INSPECTION(11)
DATE: _____

DEALER

INSPECTION(12)
DATE: _____

DEALER

ASSEMBLY INSTRUCTION

(For GK-125)

1. Take out the battery and fill with acid liquid. Pre-charge the battery will extend its life. The preparation and charge procedure is based on the battery's instruction.
2. Install the rear wheels and parts in the following order:
 - A. 16x40x4.5mm washer.
 - B. 16mm hex-bolt (torque 750~950 kg-cm, 74~93 N-m).
 - C. Cotter pin (open up the end after installed).
 - D. Rubber cap.
3. Install the front wheels and parts in the following order:
 - A. 12x40x4.5mm washer.
 - B. 12mm hex-bolt (torque 300~350kg-cm, 29.5~34N-m).
 - C. Cotter pin (open up the end after installed).
 - D. Rubber cap.
5. Install the battery with the red wire to positive (+) and black wire to the negative (-). After the battery is connected, put the plastic cover on it. Place the steel bracket over the cover and tie up with 2 hex-bolts.

6. Install the fuel tank on the rear rack and fuel valve on the frame. Fill up with unleaded fuel and turn the fuel valve to ON position.
7. Install the seat from front. Pull the lock lever under the seat and fit into the seat rail. Push back to set into proper position and release the lock lever.
8. Install the L/R roller cage tube started from the front of frame. Push the clip on the frame and set tube onto the frame. Install the rear tube to the frame.
9. Install the top roller cage cross tube. The shorter tube is in the front and longer one for the rear. Tie-up 4 hex-bolts to fix the top roller cage cross bar and 4 hex-socket bolts to fix the L/R tube on the frame.
10. Turn on the main switch and try to start the engine. In order to use the electric starter, you need to check the following:
 - A. Step on the brake pedal for safety.
 - B. Turn the main switch to right in order to start the engine.
 - C. Do not continue to start up the engine for more than 10 seconds.

P.D.I. (Pre-Delivery Inspection)

(For GK-125)

- 1. Record the frame and engine number into the owner's manual.
- 2. Check that all tires have correct pressure specified on the tire or in the owner's manual.
- 3. Engine oil (4 stroke, 10W/40) is enough.
- 4. Battery is installed properly.
- 5. All brake cables are adjusted properly.
- 6. Fuel tank has enough gasoline to operate.
- 7. Check the suspension and drive chain for proper setup.
- 8. Check that all electrical components and lights are working properly.
- 9. Make sure that the owner's manual and tool bag are installed properly.

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