

MY VEHICLE IDENTIFICATION NUMBER

Record the VIN number and Model number of your Kart below for service and insurance records.

The VIN number is hard tagged on the kart frame just behind the driver seat.

VIN:

Model :

EMISSION CONTROL SYSTEM WARRANTY

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The emission control system warranty period for this vehicle begins on the date the vehicle is delivered to the first purchaser other than an authorized dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for 30 months after that date, or 5,000km, whichever comes first, provided there has been no abuse, neglect or improper maintenance of your vehicle. Where a warrantable condition exists, the Distributor will repair your vehicle at no cost to you, including diagnosis, parts and labor. If an emission-related part on your vehicle is defective, the part will be repaired or replaced by the Distributor. This is your emission control defects warranty.

OWNER'S WARRANTY RESPONSIBILITIES

As the vehicle owner, you are responsible for the performance of the required maintenance. You should maintain a record of all maintenance performed on your vehicle and retain all receipts covering maintenance on your vehicle. You may not be denied a warranty claim solely because of your failure to ensure the performance of all scheduled maintenance or lack of maintenance records or receipts. You are responsible for presenting your vehicle to an authorized dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should be aware that you may be denied your warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

WARRANTY COVERAGE

The Distributor warrants that each new 2008 and later vehicle:

- is designed, built, and equipped so as to conform at the time of initial retail purchase with all applicable regulations of the United States Environmental Protection Agency, and the California Air Resources Board; and
- is free from defects in material and workmanship which cause such vehicle to fail to conform with applicable regulations of the United States Environmental Protection Agency or the California Air Resources Board for the periods specified above.

Your emission control system warranty covers components whose failure would increase an engine's emission, including electronic controls, fuel injection system, carburetor, the ignition system, catalytic converter, or any other system utilized in this vehicle to control emission if it is originally equipped. Also included may be hoses, connectors and other emission-related assemblies. Replacing or repairing other components (including parts, labor, and other costs) not covered by this emission control system warranty or the standard warranty is the responsibility of the owner.

Coverage of repairs under this warranty applies only when repairs are completed at an authorized dealer or repair facility. The Distributor will not cover repairs performed outside of an authorized dealer or repair facility, except in an emergency situation. The use of replacement parts not equivalent to the original parts may impair the effectiveness of your vehicle's emission control system. If such a replacement part is used and an authorized dealer determines it is defective or causes a failure of a warranted part, your claim for repair to bring your vehicle into compliance with

applicable standards may be denied.

If an emergency situation exists when a warranted part or a dealer is not reasonably available to the owner, repairs may be bent part. The Distributor shall reimburse the owner for the expenses, including diagnostic charges, not to exceed the Distributor's suggested retail price for all warranted parts replaced and labor charges based on the Distributor's recommend time allowance for the wa performed at any available service establishment, or by the owner, using any replacemerranty repair and the geographically appropriate hourly labor rate. The owner may reasonably be required to keep receipts and failed parts in order to receive compensation.

This Emission Control System Warranty is in addition to the standard Limited Warranty.

EXCLUSIONS AND LIMITATIONS

This warranty does not cover the following:

- Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse, the use of leaded gasoline.
- Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached. Expendable maintenance items include but not limited to spark plugs, filters, coolant, lubricants, gaskets, hoses, and belts.
- Replacements of parts and other services and adjustments for required maintenance.
- Any vehicle equipped with an odometer or hour meter where the reading is altered so that actual mileage cannot be readily determined.
- Repairs or replacements as a result of:
 - Accident
 - Misuse
 - Use of replacement parts or accessories not conforming to the original specifications which adversely affect performance
- Physical damage, corrosion, or defects caused by fire, explosions or similar causes beyond the control of the Distributor.
- Failures not caused by a defect in material or workmanship.

Use of the vehicle in any type of competitive racing or related events immediately and completely voids this and all other warranties.

LIMITED LIABILITY

The liability of the Distributor under this Emission Control System Warranty is limited solely to the remedying of defects in material workmanship by an authorized dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the vehicle or transportation of the vehicle to/from the authorized dealer. The Distributor is not liable 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.

No express emission control system warranty is given by the Distributor except as specifically set forth herein. Any emission control system warranty implied by law, including any warranty of merchantability or fitness for a particular purpose is limited to the express emission control system warranty terms stated in this warranty. The foregoing statements of warranty are exclusive and in lieu of all other remedies. All express warranties not stated in this warranty are disclaimed. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply if it is inconsistent with the controlling state law.

No dealer is authorized to modify this Emission Control System Warranty. If you have any questions regarding your warranty rights and responsibilities, you should contact High Rev Motorsports, LLC at (972) 641-0202 or the California Air Resources Board, 9528 Telstar Avenue, El Monte, CA 91731 (for California registered vehicles only).

WHAT IS NOT COVERED UNDER THIS WARRANTY

Misuse, Negligence, Alterations, Accidents or any abnormal use including non genuine parts, renting or leasing, competition or racing. This warranty does not cover loss of use of the unit or loss of time, or inconvenience or normal wear and deterioration caused by the use or storage of consumable items such as spark plugs, chain, brake shoes, fuses, clutch plate, sprockets, light bulbs, battery and tires.

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FOREWORD

Thank you for purchasing our Kart. We hope you will enjoy it. Before you start to operate the Kart, please read through this Owner's Manual carefully as it contains important safety and maintenance information. Failure to follow the warnings contained in this manual can result in serious injuries or death.

Be sure to follow the recommended maintenance schedule and service your Kart accordingly. Preventive maintenance is extremely important to the longevity of your Kart.

Beginners should seek instructions from your dealer or qualified instructors before and during initial use of the Kart. It is also recommended to practice in a large open area until you are

familiar with operations of this Kart.

Children must be of specified age or older and supervised by an adult at all times when using the fun kart.

We hope you will have a pleasant experience with our products and thanks again for choosing our Kart.

NOTE: A new kart requires an engine break in period of 5 hours, whereby the engine oil must be changed!

A FEW WORDS ABOUT SAFETY

In order to keep everyone safe, you must take responsibility for the safe operation of your Kart.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

It is not practical or possible to warn you about all hazards associated with operating or maintaining a Kart. You must use your own good judgment.

You will find important safety information in a variety of forms, including:

Safety Labels – On the Kart

Safety Messages – Preceded by a safety alert symbol and one of two signal words: **WARNING**, or **CAUTION**.

These signal words mean:



Death or Serious Injury may result from failure to adhere to the instructions that are described within the WARNING labels.

Injury or Damage to the Vehicle may result from failure to adhere to the instructions that are described in the CAUTION labels.

Safety Headings– such as the Important Safety Reminders or Important Safety Precautions

Safety Sections – such as Kart Safety

Instructions – how to use this Kart correctly and safely.

This entire manual is filled with important safety information – please read it carefully.

IMPORTANT SAFETY INFORMATION

Your Kart will provide you with many years of service and pleasure. Provided you take responsibility for your own safety and understand the challenges you can meet while driving.

There is much that you can do to protect yourself while operating your kart. You'll find many helpful recommendations throughout this manual. The following are a few that we consider most important.

Follow the Age Recommendation

Adult Supervision should be present for all people under the age of 16.

Always Wear a DOT or Snell approved Motorcycle type Helmet

It's a proven fact: helmets significantly reduce the number and severity of head injuries. Always wear an approved motorcycle helmet. We also recommend that you wear eye protection, sturdy boots, gloves, and other protective gear.

Drive Off-Road Only

Your Kart is designed and manufactured for off-road use only. The tires are not made for pavement, and the Kart does not have turn signals and other features required for use on public roads. If you need to cross a paved or public road, get off and walk your Kart across.

Take Time to Learn & Practice

Even if you have driven other Karts, take time to become familiar with how this Kart works and handles. Practice in a safe area until you build your skills and get accustomed to this Kart's size and weight.

Because many accidents involve inexperienced or untrained drivers, we urge all drivers to take a training course approved by the Go-Kart Safety Institute. Check with your dealer for more information on training courses.

Be Alert for Off-Road Hazards

The terrain can present a variety of challenges when you drive off-road. Continually "read" the terrain for unexpected turns, drop-offs, rocks, ruts, and other hazards. Always keep your speed low enough to allow time to see and react to hazards.

Drive within Your Limits

Pushing limits is another major cause of Kart accidents. Never drive beyond your personal abilities or faster than conditions warrant. Remember that alcohol, drugs, fatigue, and inattention can significantly reduce your ability to make good judgments and drive safely.

Don't Drink and Drive

Alcohol and driving don't mix. Even one drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. So don't drink and drive, and don't let your friends drink and drive either.

Do not Operate This Kart at Night

Nighttime conditions greatly reduce a driver's visibility and judgment. So driving at night is dangerous and can increase the possibility for an accident.

Never Run Your Kart indoors

The exhaust from the engine contains a tasteless, odorless and poisonous gas called carbon monoxide.

Keep away from Moving Parts of the Kart

The operator of the Kart should never place their hands or other parts of their body near any moving part of the Kart. Failure to adhere to this warning will cause physical harm to your body.

Skidding or Sliding

IMPORTANT SAFETY INFORMATION



The terrain surface can be a major factor affecting turns. Skidding in a turn is more likely to occur on slippery surfaces such as snow, ice, mud and loose gravel. If you skid on ice, you may lose directional control. To avoid skidding on slippery terrain, keep your speed low and drive carefully.

SAFETY LABELS

This section presents some of the most important information and recommendations to help you drive your Kart safely. Please take a few moments to read these pages.

The labels should be considered permanent parts of the Kart. If a label comes off or becomes

hard to read, contact your dealer for warning label replacement.

 <p>Caution Risk of Injury or Damage to Vehicle Do not step on this gear.</p>	 <p>Caution Risk of Injury or Damage to Vehicle Do not step on this gear.</p>	<p>Warning</p> <p>Risk of Death or Serious Injury</p> <p>Improper Operation of this Kart can result in loss of control causing Accidents, Injuries and Property Damage</p> <p><i>Always</i> make sure that Operators, Passengers, and Responsible Adult Supervisors Read and Understand the content of the Owner/Operator Manual</p> <p><i>Always</i> wear and adjust the seatbelt when Operating or Riding as a Passenger in this Fun Kart.</p> <p><i>Always</i> wear a DOT or Snell Approved Motorcycle Helmet when Operating or Riding as a Passenger in this Fun Kart.</p> <p><i>Always</i> restrain long hair above shoulder level. Restrain loose clothing from reaching behind or below the seat. Guards are supplementary safety devices. The restraint of long hair and loose clothing is the primary means of avoiding Death or Injury due to entanglement.</p> <p><i>Always</i> make sure that the operator is properly seated and has the brake engaged before starting the engine.</p> <p>Never operate this kart after consuming drugs or alcohol.</p> <p>Never operate this kart on streets or other public thoroughfares.</p> <p>Never attempt jumps, spins or other stunts when operating this kart.</p> <p>Never operate this kart at speeds too fast for your skill level or for the operating conditions.</p> <p>Never attempt to use this kart for racing or commercial use.</p> <p>Operators and passengers must be of the appropriate age, skill level and possess sufficient cognitive and intellectual abilities to fully understand the operating requirements and restrictions for the use of this Fun Kart.</p>
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<p>Warning</p> <p>Risk of Death or Serious Injury</p> <p><i>Always</i> keep hands, feet, and loose clothing inside, above, and below the seat.</p> <p><i>Always</i> keep hands, feet, and loose clothing inside, above, and below the seat.</p>	<p>Warning</p> <p>Risk of Death or Serious Injury</p> <p><i>Always</i> wear a DOT or Snell Approved Motorcycle Helmet when Operating or Riding as a Passenger in this Fun Kart.</p>	<p>Warning</p> <p>Risk of Death or Serious Injury</p> <p><i>Always</i> restrain long hair above shoulder level. Restrain loose clothing from reaching behind or below the seat. Guards are supplementary safety devices. The restraint of long hair and loose clothing is the primary means of avoiding Death or Injury due to entanglement.</p>	<p>Warning</p> <p>Risk of Death or Serious Injury</p> <p><i>Always</i> restrain long hair above shoulder level. Restrain loose clothing from reaching behind or below the seat. Guards are supplementary safety devices. The restraint of long hair and loose clothing is the primary means of avoiding Death or Injury due to entanglement.</p>	<p>Warning</p> <p>Risk of Death or Serious Injury</p> <p>Failure to read, understand and follow the Warnings and Instructions for the safe use of this vehicle may result in Death or Serious Injury!</p> <p>This information is contained on various other Warning labels attached to the kart used in the Owner's Operator's Manual supplied with this kart.</p> <p>If you did not receive any of these materials or they became damaged contact your dealer and request to have a copy sent to you.</p>
<p>Warning</p> <p>Risk of Injury and Severe Burns</p> <p>Never touch hot surfaces.</p>	<p>Warning</p> <p>Risk of Death or Serious Injury</p> <p>Never allow riders or passengers except when properly seated and wearing a seat belt in a race kart.</p>			

! ATTENTION !

Prior to operating vehicle, check and adjust tire pressure to proper operating pressure as indicated on the sidewall of each tire .

! WARNING

THIS KART IS NOT SUITABLE FOR A CHILD UNDER 12 YEARS OLD

! WARNING -A HELMET MUST BE WORN AT ALL TIMES WHEN OPERATION THIS VEHICLE

QUALIFICATIONS FOR FUN-KART USERS

This Fun-Kart is restricted to use by operator and passenger with a minimum age of twelve years. Fun-Karts are intended for use by operators who meet the physical and cognitive capabilities set out by the manufacturer in the material provided with the Fun-kart. A 20mph speed reduction kit is available for this fun-kart.

Consumer' Responsibility for Safe Use and Maintenance of a Fun-Kart

QUALIFICATIONS FOR FUN-KART USERS

1. Fun-Karts shall not be modified from the manufacturer's original design and configuration.
2. Fun-Karts shall not be used to perform racing, stunt riding, jumps, spinouts, donuts, or other maneuvers as they may cause loss of control .As such, these activities are likely to result in possible injury to the operator, bystanders, or both.
3. Prior to each use, the operator shall perform the preoperational checks specified by the manufacturer, and further verify:
 - a. Smooth throttle operation and positive return of the throttle linkage to a closed throttle position when released;
 - b. That the throttle cable and linkages operate properly and the throttle cable or other linkages be adjusted properly;
 - c. That the steering linkage is adjusted and operators smoothly;
 - d. That the engine stop switch is properly functioning;
 - e. That all guards originally supplied by the manufacturer are in proper place in serviceable condition;
 - f. That engine idle speed is below the point of clutch or torque converter engagement;
 - g. That the gas tank is in good condition and the proper gas cap is fastened securely
 - h. That the barking system is functioning properly;
 - i. That all safety labels are in place, legible and understood;
 - j. That any and all axle guards, chain guards, torque converter covers, or other covers or guards supplied by the manufacturer are in place and in serviceable condition;
 - k. That tires are in good condition ,inflated properly ,and have sufficient tread remaining; and
 - l. That all fasteners are in place and tightened securely.
4. Fun kart engines shall not be started unless the operator is seated in proper position for vehicle operations and the brake fully engaged.
5. Long hair, loose clothes, or jewelry can get caught in moving parts below the seat or surrounding environments .Remove or tie back anything loose that can reach below or behind the seat before riding.

- 6. Fun karts shall only be fueled by a supervisor knowledgeable with regard to proper fueling techniques.
- 7. A supervisor shall verify personally that everyone operating or riding is knowledge able, capable, and has the cognitive capacity to operate the Fun-kart safely, including those items specified in 1 through 6.
 - a. The supervisor shall only allow the use and operation of the fun kart after demonstration that each operator can understand and operate all components of the fun kart prior to use
 - b. The supervisor shall provide continuous supervision during fun kart use.
 - c. The supervisor shall not allow anyone to ride in or operate the fun kart with long hair, loose clothes, or jewelry that can caught in moving parts below the seat or surrounding environment. Remove or tie back anything loose that can reach below or behind the seat before riding.
- 8. Fun—Kart operators and passengers shall adhere to all manufacturer’s recommendations and instructions as well as comply with all laws and ordinances, as well as:
 - a. Operators shall stay seated with both hands on the steering wheel and both feet in the Fun—Karl at all times , whether moving or stationary, unless the Fun—Kart is stopped completely and the engine has been shut off.
 - b. Passengers shall remain seated with arms and legs inside the Fun—Karl at all times during Fun—Kart operation

QUALIFICATIONS FOR FUN-KART USERS

- c. Shall observe minimum age restrictions
- d. Shall not ride the Fun-Kart if long hair, loose clothes , or jewelry reach below or behind the seat.

• **WARNING**

Long hair, loose clothes, or jewelry can get caught in moving parts below and behind the seat or surrounding environment. Remove or tie back anything loose that can reach below or behind the seat before riding.

- e. Shall not allow smoking in Fun-Kart.
 - f. Persons under the influence of drugs . alcohol . or intoxicants shall not supervise, operate, or ride in a Fun-Kart.
 - g. Fun-Karts shall operate only on a surface or terrain recommended by the Fun-Kart’s manufacturer.
 - h. Fun-Karts shall not be operated on roads . streets , highways , or any other location where road Vehicles are intended to travel.
 - i. Fun—Karts shall be operated only with adequate lighting and under conditions of suitable visibility.
9. Persons with the following conditions shall not ride in or operate a Fun-Kart:
- a .Those with heart conditions.
 - b. Pregnant women.
 - c. Persons with head back or neck ailments, or prior surgeries to those areas of the body.
 - d. Persons with any mental or physical conditions, which may make them susceptible to injury or impair their physical dexterity or mental capabilities to recognize , understand . And perform all of the safety instructions, and be able to assume the hazards inherent in Fun-Kart use.
10. Fun-Kart shall not be used to:

- a .Transport a passenger except in the seating area provided.
 - b .Transport materials or equipment;
 - c . Transport animals.
11. Fun-kart operators always shall use appropriate protective clothing including but not limited to a motorcycle type helmet and eye protection, with appropriate certification. and any other equipment recommended by the Fun-Kart manufacturer including gloves , footwear, long sleeve shirts, and long pants.
 12. No operator or other person shall contact any portion of the engine, wheels ,or drive train for any purpose including maintenance until the engine has been turned off and allowed to cool. and the Fun-Kart is in a stable and stationary position.
 - 13.Passenger restraints must be used in accordance with , and limited to, the manufacturer’s guidelines.
 14. Fun-Kart components shall be maintained and repaired in accordance with the manufacturer’s Specifications and utilizing only the manufacturer’s authorized replacement parts with installation performed by designated dealers or other skilled persons.

ARE YOU READY TO DRIVE?

Before each drive, you need to make sure you and your Kart are both ready to drive. To help get you prepared, this section discusses how to evaluate your driving readiness, what items you should check on your Kart, and adjustments to make for your comfort, convenience, or safety.

Before you drive your Kart for the first time, we urge you to:

- Read this owner’s manual and the labels on your Kart carefully.

ARE YOU READY TO DRIVE?

- Make sure you understand all the safety messages.
- Know how to operate all the controls.
- Have adult present if under 16 years old.

Before each drive, be sure:

- You wear your seat belt at all times while driving your Kart.
- You feel well and are in good physical and mental condition.
- You are wearing an approved motorcycle type helmet (with chin strap tightened securely), eye protection, and other protective clothing.
- You don’t have any alcohol or drugs in your system.

Protective Apparel

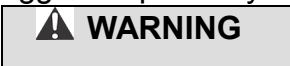
For your safety, we strongly recommend that you always wear a DOT or Snell approved motorcycle type helmet, eye protection, boots, gloves, long pants, and long-sleeved shirt or jacket whenever you drive. Although complete protection is not possible, wearing proper gear can reduce the chance of injury when you drive.

The following suggestions will help you choose the proper driving gear.

Helmets and Eyes Protection

Your helmet is the most important piece of driving gear of you because it offers the best protection against head injuries. A helmet should fit your head comfortably and securely.

An open-face helmet offers some protection, but a full-face helmet offers more. Regardless of the style, look for a DOT (Department of Transportation) or Snell sticker on any helmet you buy. Always wear a face shield or goggles to protect your eyes and help your vision.



Operating this Go-Kart without wearing an approved motorcycle helmet, eye protection and protective clothing could increase your chances of head and/or eye injury, and the possibility of death in a severe accident.

Always wear an approved motorcycle helmet that fits properly and wear eye protection (goggles or face shield), gloves, boots, long-sleeved shirt or jacket and long pants.

Additional Driving Gear

In addition to a helmet and eye protection, we also recommend:

- Sturdy off-road motorcycle boots to help protect your feet, ankles, and lower legs.
- Off-road motorcycle gloves to help protect your hands.
- Driving pants with knee and hip pads, a driving jersey with padded elbows, and a chest/shoulder protector.

WARNING

A child under 16 should have adult supervision when operating the Kart.



Driving Training

Developing your driving skills is an on-going process. Even if you have driven other Karts, before take time to become familiar with how this Kart works and handles. Practice driving the Kart in a safe area to build your skills. Do not drive in rough terrain until you get accustomed to the Kart's controls, and feel comfortable with its size and weight.

ARE YOU READY TO DRIVE?



WARNING

Operating this Kart without your seat belt could cause you thrown from the kart, causing serious injury or death.

Age Recommendation

It is strongly recommended that no one under the age of 16 be permitted to operate this Go-Kart without adult supervision.

No Alcohol or Drugs

Alcohol, drugs and Karts don't mix. Even a small amount of alcohol can impair your ability to operate a Kart safely. Likewise, drugs—even if prescribed by a physician—can be dangerous while operating a Kart. Consult your doctor to be sure it is safe to operate a vehicle after taking medication.

WARNING



Operating this Kart after consuming alcohol or drugs can seriously affect your judgment, cause you to react more slowly, affect your balance and perception, and could result in serious injury or death.

Never consume alcohol or drugs before or while operating this Kart.

IS YOUR VEHICLE READY TO DRIVE?

Before each drive, it is important to inspect your Kart and make sure any problems you find are corrected. A pre-drive inspection is a must, not only for safety, but because having a breakdown, or even a flat tire, can be a major inconvenience.

If your Kart has overturned or has been involved in a collision, do not drive it until your Kart has been inspected by your dealer. There may be damages or other problems you cannot see.

▲WARNING

Improperly maintaining this Kart or failing to correct a problem before driving can cause a crash in which you can be seriously hurt or killed.

Always perform a pre-drive inspection before every drive and correct any problems.

Pre-drive Inspection

Check the following items before you get on the Kart:

■ Engine Oil

Check the level and add oil if needed. Check for leaks.

■ Fuel

Check the level and add fuel if needed. Also make sure the fuel fill cap is securely fastened. Check for leaks.

■ Tires

Use a gauge to check the air pressure. Adjust if needed. Also look for signs of damages or excessive wear.

■ Nuts & Bolts

Check the wheels to see that the axle nuts are tight. Use a wrench to make sure all accessible nuts; bolts, and fasteners are tight.

■ Underbody & Exhaust System

IS YOUR VEHICLE READY TO DRIVE?

Check for and remove any dirt, vegetation or other debris that could be a fire hazard or interfere with the proper operation of the Kart

■ Air Cleaner Housing Drain Tube_

Check for deposits in the drain tube. If necessary, clean the tube and check the air cleaner housing.

■ Leaks, Loose Parts

Walk around your Kart and look for anything that appears unusual, such as a leak or loose cable.

■ Lights

Make sure the headlight; brake light and taillight are working properly.

■ Throttle

Check the freeplay and adjust if needed. Press the throttle to make sure it moves smoothly without sticking, and snaps back automatically when it is released.

■ Brakes

Press the brake pedal several times, check for proper brake pedal free play. Make sure there is no brake fluid leakage.

■ Engine Stop Button

While engine is running, press and hold the Engine Stop Button for two seconds. Make sure engine stops.

■ Steering Wheel

Check that the wheels turn properly as you turn the steering wheel.

■ Cable

Check all cable housings for wear. Check the fittings for looseness. Replace or tighten as needed.

■ Seat Belts

Check your seat belts make sure that the locking latch works and that you can adjust them.

SAFE DRIVING PRECAUTIONS

Off-Road Use Only

Your Kart and its tires are designed and manufactured for off-road use only, not for pavement. Driving on pavement can affect handling and control. You should not drive your Kart on pavement.

WARNING

Operating this Kart on paved surfaces may seriously affect handling and control of the Kart, and may cause the vehicle to go out of control.

Never operate the Kart on any paved surfaces, including sidewalks, driveways, parking lots and streets.

When driving off-road, also remember to always obey local off-road driving laws and regulations. Obtain permission to drive on private property. Avoid posted areas and obey “no trespassing” signs.

You should never drive your Kart on public streets, roads or highways, even if they are not paved. Drivers of street vehicles may have difficulty seeing and avoiding you, which could lead to **SAFE DRIVING PRECAUTIONS**

a collision. In many states it is illegal to operate Karts on public streets, roads and highways.

WARNING

Operating this Kart on public streets, roads or highways could cause a collision with another vehicle.

Never operate this Go-Kart on any public streets, roads or highways; it is dirt, gravel or pavement.

Keep Hands and Feet on Controls

When driving your Kart. Always keep both hands on the steering wheel and both feet on the foot controls. It is important to maintain your balance and to control the Kart. Removing hands or feet away from the controls can reduce your ability to react and control the Kart.

WARNING

Removing hand from Steering wheel or feet from foot controls during operation can reduce your ability to control the Kart or could cause you to lose your balance and fall off the Kart.

Always keep both hands on the steering wheel and both feet on the foot controls of your kart during operation.

Control Speed

Driving at excessive speed increases the chance of an accident. In choosing a proper speed, you need to consider the capability of your Kart, the terrain, visibility and other operating conditions, plus your own skills and experience.

WARNING

Operating this Kart at excessive speeds your chances of losing control of the Kart, which can result in an accident.

Always drive at a speed that is proper for your Kart, the terrain, visibility and other operating conditions, and your experience.

Use Care on Unfamiliar or Rough Terrain

Before driving in a new area, always check the terrain thoroughly. Don't drive fast on unfamiliar terrain or when visibility is limited. (It's sometimes difficult to see obstructions like hidden rocks, bumps, or holes in time to react.)

⚠ WARNING

Failure to use extra care when Operating this Kart on unfamiliar terrain could result in the Kart overturning or going out of control.

Go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the Kart.

Never drive past the limit of visibility. Maintain a safe distance between your Kart and other off-road vehicles. Always exercise caution and use extra care on rough, slippery and loose terrain.

⚠ WARNING

Failure to use extra care when Operating this Kart on excessively rough, slippery or loose terrain could cause loss of traction or vehicle control, which could result in an accident, including an overturn.

Do not operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control the Kart on such terrain. Always be especially cautious on these kinds of terrain.

SAFE DRIVING PRECAUTIONS

Do Not Perform Stunts

You should always operate your Kart in a safe and reasonable manner. When driving, always keep all four wheels on the ground.

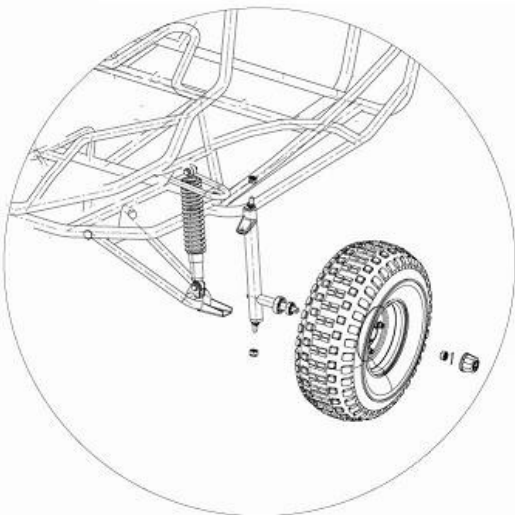
⚠ WARNING

Attempting wheelies, jumps, and other stunts increase the chance of an accident, including an overturn.

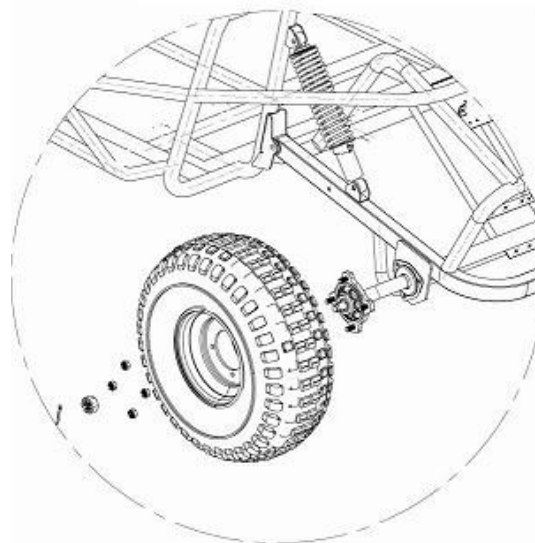
Never attempt stunts, such as wheelies or jumps. Don't try to show off.

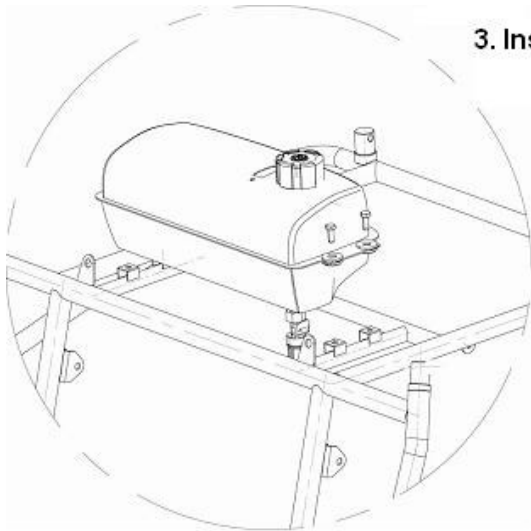
INSTALL INSTRUCTION

1. Install the front tires

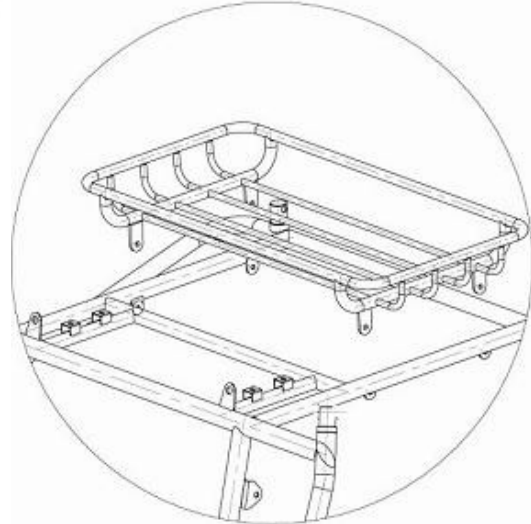


2. install the rear tires



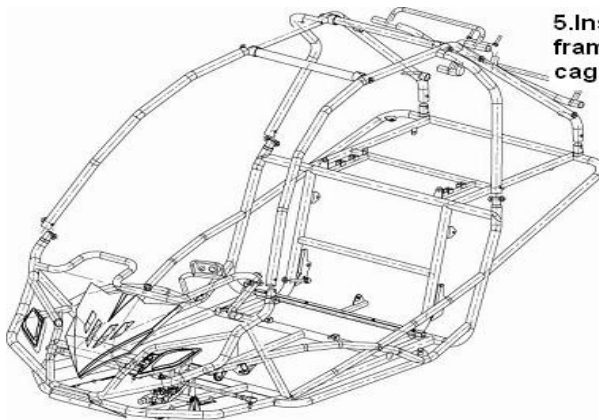


3. Install the oil tank



4. Install the rear rack

INSTALL INSTRUCTION



5. Install the frame, custom bar cage, cross bar, J-bar, top

SPECIFICATIONS

DIMENSIONS

Overall Length	2230mm (87.80 in)
Overall Width	1520mm (59.84in)
Overall Height	1437mm (56.57in)
Wheelbase	1651mm (65 in)
Ground Clearance	320mm (12.60in)

ENGINE

Type	149.6cc strong Air cooled, single cylinder four stroke
Bore/Stroke	57.4X57.8mm
Displacement	149.6cm ³
Compression ratio	9.5:1
Max power	5.6kw/7500

Rating power	5.2kw/7000
Maximum Torque	7.6nm/6000rpm
Starting	Electric and foot push
Ignition	C.D.I.
Lubrication	Force & Splash
Transmission	Automatic (C.V.T system)
.....	dry and hooped method clutch
.....	Front: CVT, Rear: 2 gears decelerate
.....	CVT transmission ratio: 2.577 ~0.86
Fuel Type	RQ90 (unleaded) GB17930
Lubricate oil	15W/40 SF, 85W/90

CAPACITIES

Maximum load	Double Seats/400lbs
Battery	12V 7Ah
Head Light	12V 35W
Tail Light	12V 21W/5W
Fuse	10A
Top speed	40 miles/h (or limited as customers require)

CHASSIS

Front, Rear brake	Hydraulic disc, left foot control
.....	With rear brake , no front brake
Front tire	20x7-8
Rear tire	22x10-10
Front Suspension	Independent Dual A-Arm
Rear Suspension	Swing Arm/Double Oil Damped Shock

TIRE PRESSURE

Front tire pressure	15kpa 0.15kg/cm2 2.2psi
Rear tire pressure.....	20kpa 0.20kg/cm2 2.9psi

OPERATION

A. Operation controls

WARNING – Do not attempt to start or operate the engine until completely familiar with the location and use of each control necessary to operate this vehicle. The operator must know how to stop this machine before starting and driving it.

a. Throttle

The right foot pedal is the throttle that controls the Kart speed. As the engine speed increased above idle, the clutch automatically engages and moves the vehicle forward. To disengage the clutch at any time, allow the throttle to return to the idle position. (See Fig.1)

⚠WARNING

Each time prior to starting the engine, check the throttle assembly to ensure that when the pedal is pushed all the way forward the assembly is working smoothly and returns to idle when released. Do not operate if pedal or engines throttle linkage fail to return to idle. If unable to correct the problem through lubrication, adjustment or replacement of worn parts, contact your dealer for assistance.

b. Brake

The brake is located on the left side of the kart (See Fig.1). Applying pressure to the pedal draws the brake caliper around the brake disc at the rear wheel and slows or stops the kart.



OPERATION

c. Start engine

Insert the key into key-switch, turn the key clockwise, and release the key when the engine starts. The engine will warm up within 5 minutes and the engine choke will close automatically and operate at the normal RPM (Warning: Don't crank starter more than 5 seconds at one time).

d. Engine stop button

Important-stop button test.

Before driving this vehicle, test the Engine Stop Button to assure that it is operating properly. With the engine running, push and hold the Engine Stop Button for two seconds for the engine to shut down.

B. Pre-Drive Inspection

WARNING

Perform this pre-drive inspection everyday before driving vehicle. If not performed, serious damage to the vehicle or personal injury may result.

- a. Check for Engine Oil Level. Check for leaks, add oil if required.
- b. Check for Fuel Level. Add fuel as necessary and do not overfill. Check for leaks.
- c. Check for Brakes. Depress the rear brake pedal several times, and then check for proper brake pedal free play. Make sure there is no brake fluid leakage. Adjust if necessary.
- d. Check Tires. Check tires condition and pressure. The pressure on both Front and Rear tire is 5 and 8 lbs respectively.
- e. Check Drive Chain. Check for drive chain's condition and tension. Lubricate if necessary.
- f. Check Throttle. Check for smooth operation. Assure throttle "snaps" backed to idle.
- g. Check Engine Stop Button. Perform engine stop button test. Repair as necessary.
- h. Check all Nuts, Bolts, and fasteners. Check wheels to see that all axle nuts and lug nuts are tightened properly. Check and tighten as necessary all other fasteners to specified condition.

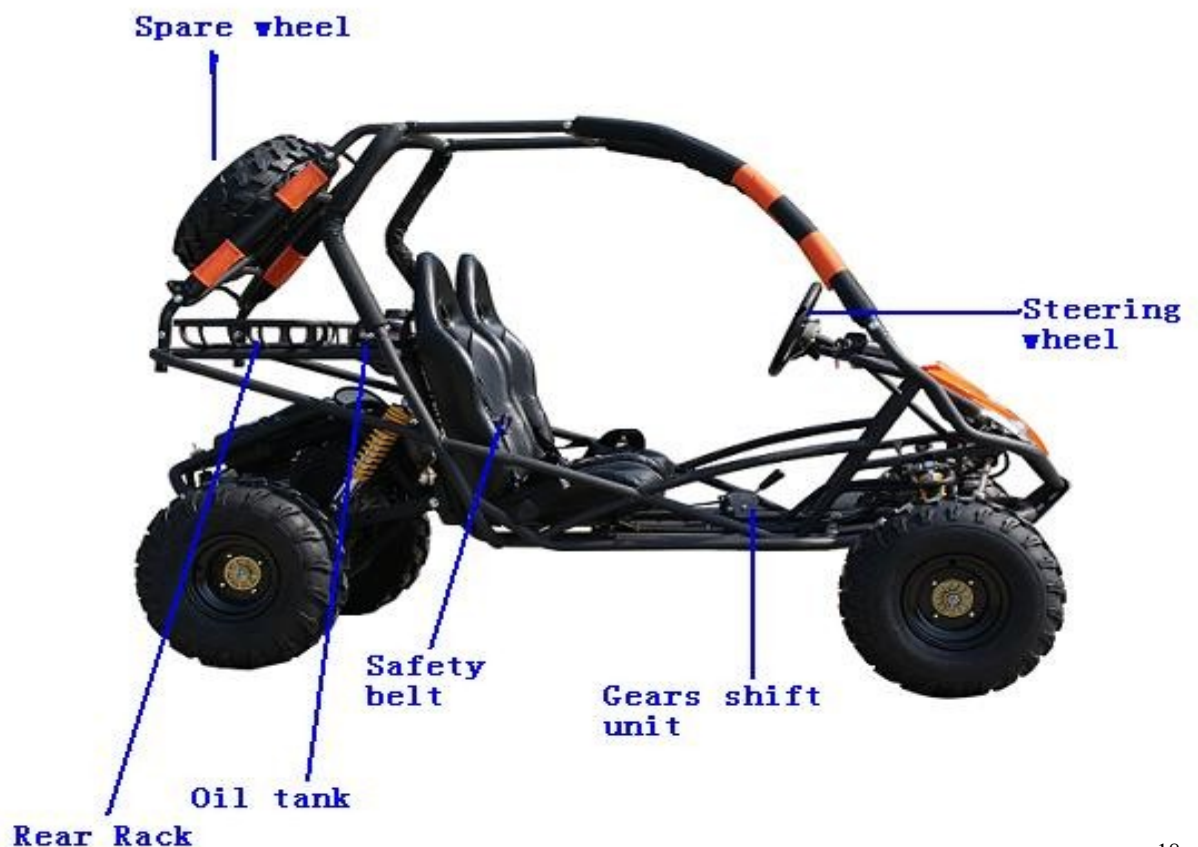
- i. Check Roll cage bar, Ensure all protective roll cage bars are in place before operating the Kart.
- j. Check Brake Light. Check for proper operation.
- k. Check Wheels. Check for tightness of wheel nuts and axle nuts; check that axle nuts are secured by cotter pins.
- l. Check Steering. Check for free operation for any unusual looseness in any area.
- m. Check seats belts, Always make sure your seat belts are fastened and that the latch is working.

⚠ CAUTION

Always follow rules for safe operation and wear a helmet.

OPERATION

Component location

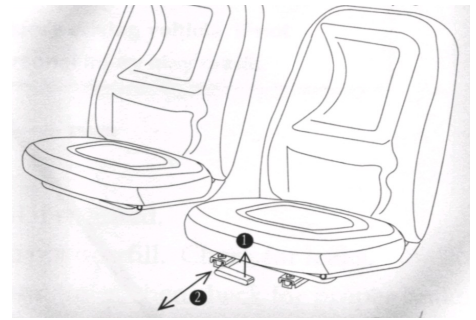


C. Passengers

The vehicle allows for two riders only. Combine maximum Weight of driver and the passenger should not exceed 180kg or 400lbs.

D. Seat Adjustment

The seat must always be securely fastened in the position which best affords the operator control of the foot pedals, steering wheel, and the emergency stop button.



- Pull seat adjustment handle upward to disengage seat slide.
- Move seat to desired position.
- Be sure seat adjustment handle snaps back into place and that seat is locked into position.

WARNING

Before attempting to adjust the seat, ensure that kart engine is stopped.

OPERATION

WARNING

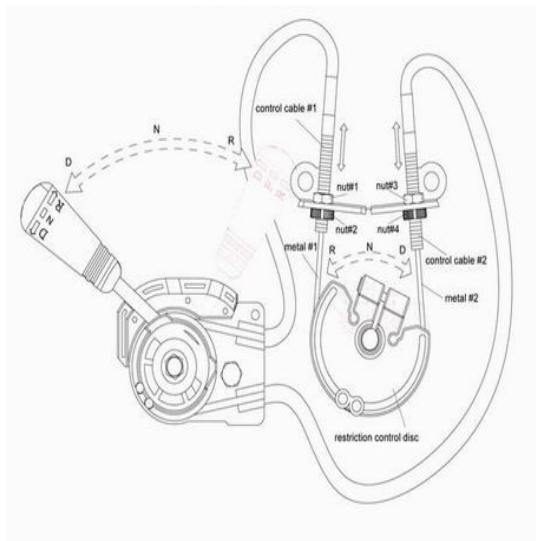
Never operate this Kart when the provided seat is not securely fastened, to do so could result in a strong possibility of severe personal injury or loss of life. Before attempting to adjust the seat, ensure the kart engine is stopped.

E. Reverse Adjustment

a : Push the lever to “D” position, the go-kart will move forward, push the lever to “N” position, the gokart will be in natural statement, pull the lever to “R” position, the gokart will move backward.

b: Before running this gokart ,please adjust the shifter system follow the below steps :

- 1) Push the lever to “D” position.
- 2) Check the restriction control disc on the side of the engine to assure the disc is on the “D” position.
- 3) Loose the nut #1 and #2 ,pull the cable #1 to make the metal wire#1 tight ,and then tight the nut #1 to fasten the cable ,as last ,tighten the nut #2.
- 4) Turn the control disc to “R” position .Pull the cable #2 to make the metal wire #2 tight, and then tighten the nut #3 to fasten the cable .at last, to tighten the nut #4.



After that adjustment, the shifter system can be used, if you find, it is difficult for shifting using, please adjust the shift system according the above steps.

Always stop the kart before changing gears.

OPERATION/SERVICE INSTRUCTIONS

F. Starting And Operation Instructions

- Before starting the engine, be sure that the driver is seated properly in the Kart with the seat belt.
- Testing the Kart in an open space at the beginning to learn how to start, turn and stop.
- Operate the Kart slowly until you are familiar with it.
- The turning radius of this Kart is small and agile, so the centrifugal force is very high when turning at high speed. Slow down to a more controllable speed when turning to prevent the Kart from rolling over.
- To prevent vehicle from rolling over, be sure to only turn the vehicle at a slow controllable speed. Keep your heel on the ramp of the floor board when turning.(see fig5)

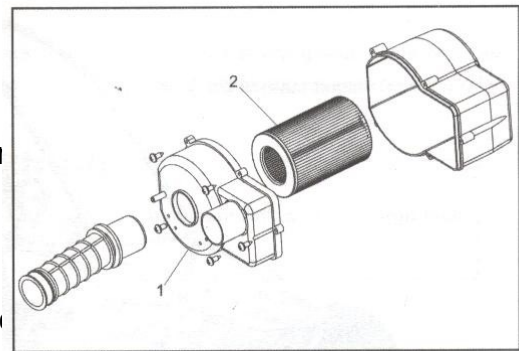
This will help to maintain foot position on the pedals to help maintain your balance and control of the kart.

SERVICE INSTRUCTIONS

A. Service Air Cleaner

Service air cleaner every 20 hours.

**NOTE: Operation in unusually dusty conditions
Require more frequent replacement.**



SERVICE INSTRUCTIONS

- Remove the air cleaner cover (1) by removing the Phillips head screws.
- Clean the excess dirt, oil, or dust from the air cleaner box With a mild detergent and water solution.
- Thoroughly dry the air box.
- Replace the air cleaner element (2)
- Carefully align the gasket between the air box halves during re-assembly.

B. Engine Lubrication

You must change the oil in the crankcase after the first 5 hours of operating of your new engine (see Fig.7) and after 10 hours of use thereafter. That will insure proper lubrication of internal parts and prevent costly repairs due to excessive wear.



WARNING

Used Oil Must Be disposed of at a proper collection Center.

- Remove drain plug located on the right rear side of engine. Tip kart backwards slightly by blocking up the front end and drain oil into suitable container.
- Remove and clean Oil Screen.
- Replace drain plug and tighten securely. Place kart in a level position.
- Refill crankcase (approximately 1 1/4 pint) to top of filler neck with SAE 10W40 oil. Use same grade of oil as used originally.
- Check oil level before each use of kart or after each 10 hours

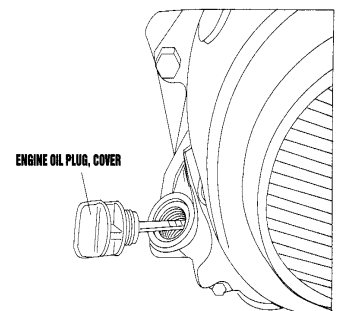


Figure 7

of operation. Add oil to bring up to proper level. Do not mix various grades of oil.

C. Spark Plug

- Remove the spark plug and inspect it each time you change the oil. (Use a spark plug wrench) The electrodes should be kept clean and free of carbon. The presence of carbon or excess oil will greatly reduce engine performance. If possible, check the spark plug gap (area between electrodes) using a wire feeler gauge. This specification is 0.6~0.7mm. (.024-.028 inch)
- Before installing spark plug coat threads lightly with graphite grease if possible, to ensure easy removal next time the spark plug needs inspection.
- It is advisable to replace the spark plug at least once a year to insure easy starting and good engine performance.

D. Carburetor Adjustment

Never make unnecessary adjustments. The factory recommended settings are correct for most applications.

- Warm up the engine (5~10min)
- Tighten the airscrew gently. Back out 2-3/8 turns
- Counter clockwise.
- Connect the tachometer; adjust the throttle to limit the idle speed. The standard value is (1400RPM).

SERVICE INSTRUCTIONS

- Turn the airscrew counter clockwise slowly and observe the RPM of the engine, stop adjusting as the RPM reaches the top speed.
- Adjust the screw and adjust the idle speed to an ideal value.
- Recheck and readjust the idle speed if necessary.

E. Cleaning Instructions

Keep your Kart clean. With a clean rag, wipe off dirt and oil from around controls. Wipe off any spilled fuel and oil. Keep the engine clean of foreign objects, and be sure to check that air intake fan is free of debris for proper cooling.

F. Kart Lubrication

Lubricate vehicle every 90 days of use. Lubrication should be done sooner, if kart is used everyday.

G. Chain Lubrication

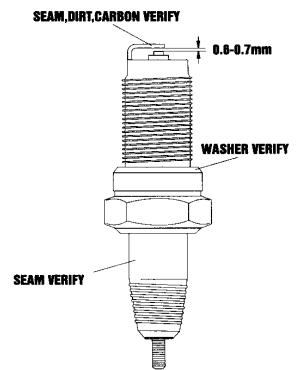


Figure 8

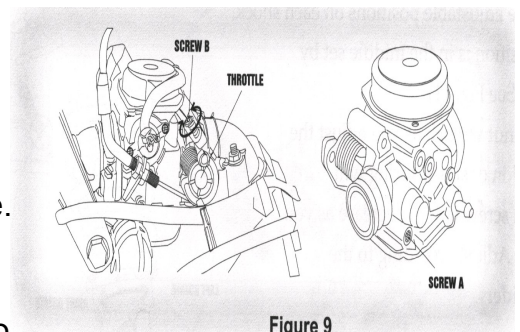


Figure 9

To increase chain life, lubricate with a spray on dry graphite chain lubricant. (See Fig.10)

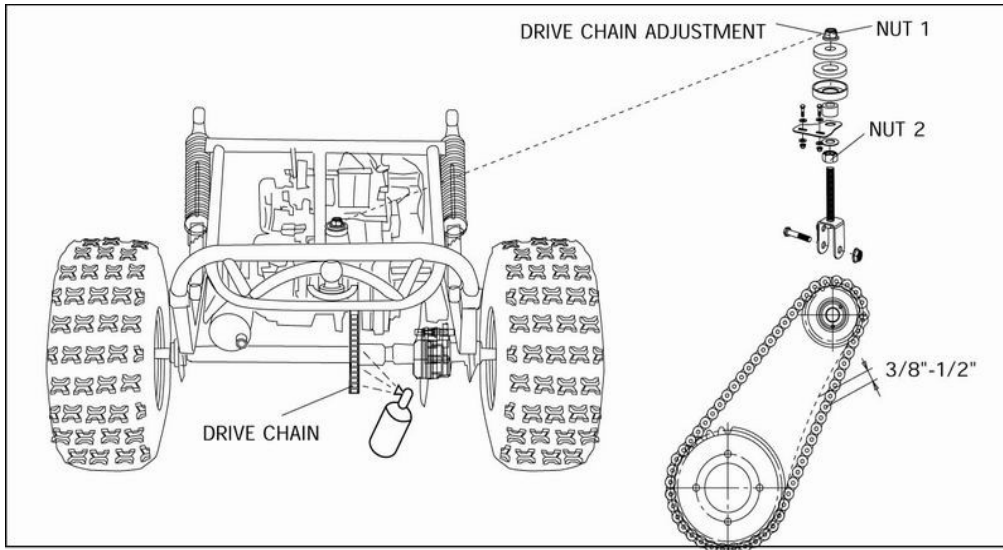


FIGURE10

H. Chain Adjustment

Check the chain adjustment after first two hours of use. Readjust if it has more than 1/2" flex.

- a. Loosen Nut #1
- b. Adjust Nut #2. Turn Nut #2 clockwise in 1/2-turn increments, then turn nut #1 until tight. Follow this procedure until chain is at proper tension (see Fig.10).
- c. Repeat the above two steps until chain is adjusted to desired fit.

I. Adjustment of Front and Rear Shock

There are five adjustable positions on each shock. The default position is in the middle set by manufacturer. (See Fig.11)

Use a spanner wrench to adjust the shock. The tension of shock spring will increase as you screw to left, decrease as you screw to right. Adjust according to the weight of the riders

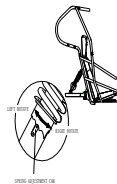


FIGURE11

J. Storage Instruction

In the event your kart is not to be operated for a period in excess of 30 days or at the end of each driving season prepare for storage as follows:

- a. Drain fuel tank and carburetor by allowing engine to run out of fuel, or use a fuel stabilizer.
- b. Lubricate engine cylinder by removing the air cleaner, then spray engine fogging oil through the carburetor until motor dies.
- c. Do not save or store gasoline over winter. Using old gasoline, which has deteriorated from storage, will cause hard starting and affect engine performance.

WARNING

Do not drain fuel while engine is hot. Move Kart outside before draining fuel.

REPAIR

A. Front Wheel Replacement

Do not disassemble the castle nuts when you replace the front wheels.

It is only necessary to remove the 4 lug nuts to remove the wheel. (See Fig.12)

Tighten the nuts after replacing the wheels.

Shock absorber hanger plate

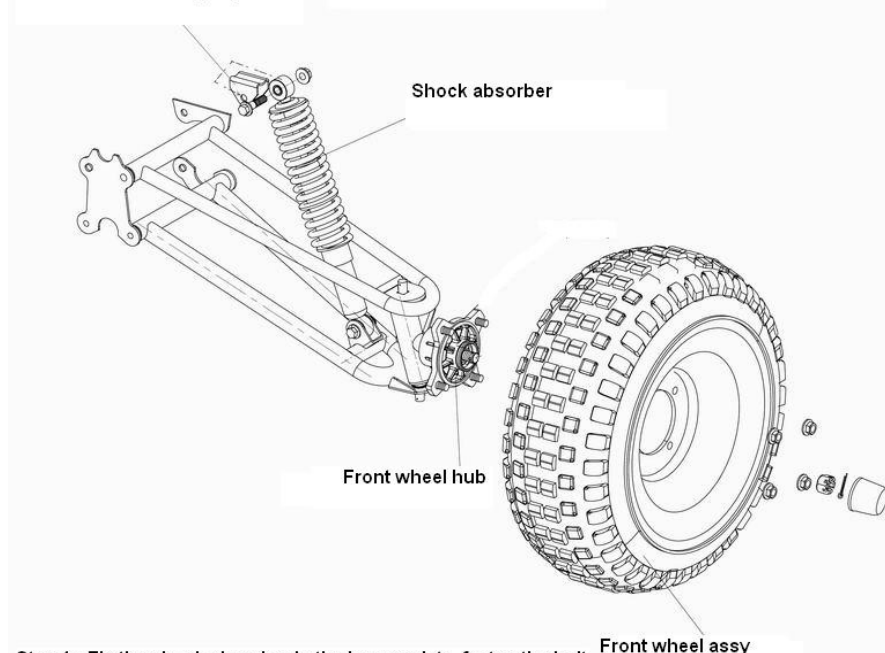


FIGURE 12

B. Rear Wheel Replacement

Do not disassemble the castle nuts when you replace the rear wheels and hub assembly.

It is only necessary to remove the 4 lug nuts to remove the wheel by itself. (See Fig.13)

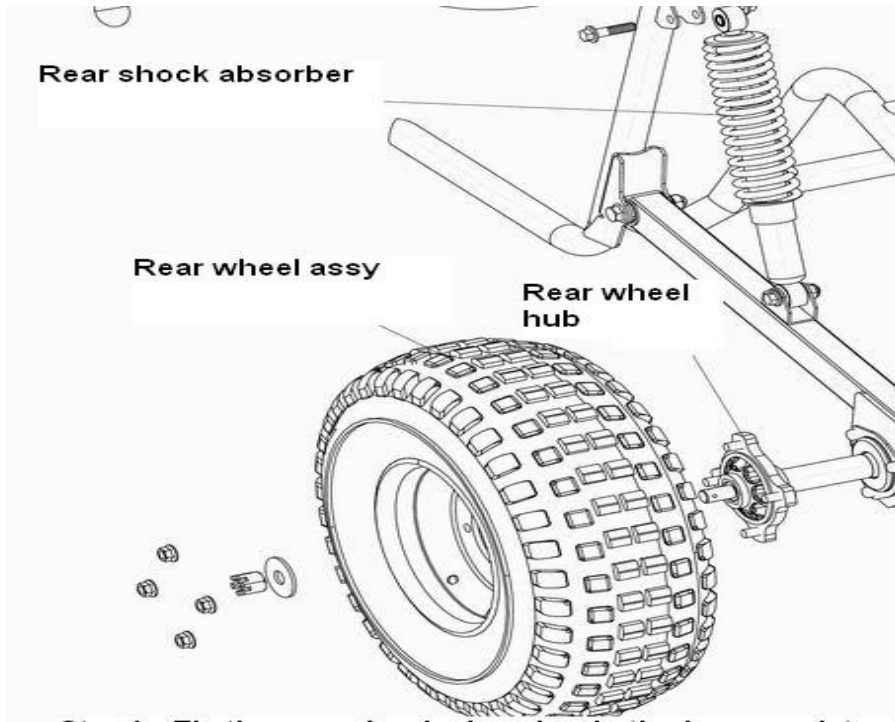


FIGURE13

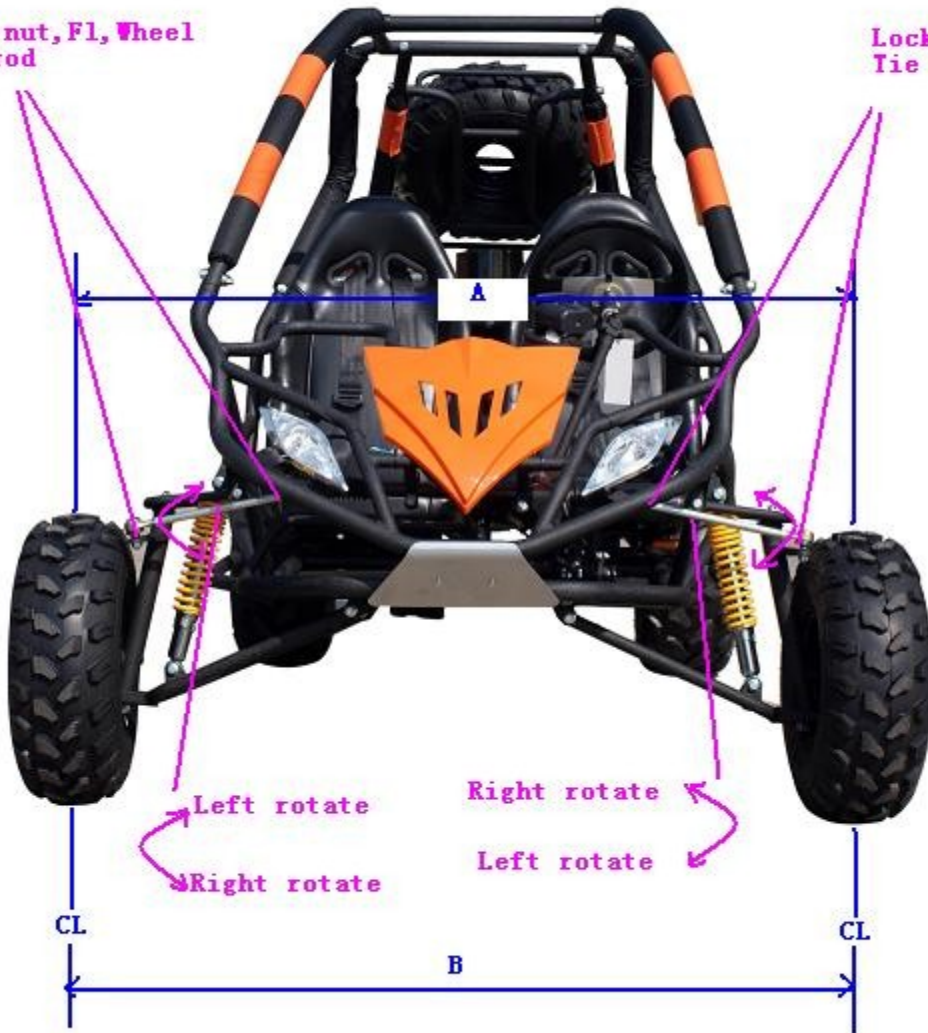
REPAIR

C. Front Wheel Alignment

- a. The front wheels should be “toe-in” from 1/8” to 1/4”. To check for alignment, measure distance A and B between the centerline (CL) of the wheels. The proper toe-in dimension A should be 1/8”-1/4” greater than dimension B.
- b. To adjust the alignments, loosen the lock nuts on both sides of Front Tie Rods. To make Dimension B smaller, turn the rod to left. Adjust the rod to right direction to make Dimension B larger. After adjusting to the desired length, tighten the lock nut against the rod end. Recheck the dimensions for proper alignment.

Lock nut, Fl, Wheel
Tie rod

Lock nut, FR, Wheel
Tie rod



PERIODICAL CHECK AND SERVICES

The maintenance intervals in the following table are based upon average driving conditions. Driving in unusually dusty areas, require more frequent servicing:

Time of service	Initial service (First week)	Monthly	Quarterly	Yearly
Items				
Tire pressure/wear	I	I		
Brake performance	I	I		
Tightness of screws	I	I		
Air cleaner		C		R
Carburetor	I			C
Spark plug			C, A	
Drive chain	I	C, I, L	A	
Brake oil	I	I	I	
Replace gearbox oil		I	R	
Chassis	I	C, I	L	
Fuel switch/fuel tank		I		C
Battery			I	
Valve clearance of engine			A	

A: adjust **C:** clean **I:** inspect, clean or replace if necessary **L:** lubricate **R:** replace

ELECTRICAL SCHEMATIC

WIRING DIAGRAM

