

OWNER'S MANUAL DUNE 150



Bajaj
Motor Sports

Minimum
Recommended
Operator Age: **16**

THIS VEHICLE IS SOLD FOR OFF-ROAD USE ONLY. BEFORE OPERATING THIS VEHICLE, READ ALL THE INSTRUCTIONS FOR SAFE ASSEMBLY AND OPERATION AS WELL AS ALL INSTRUCTION GOVERNING THE ENGINE AND OTHER PORTIONS OF THE VEHICLE.

LIMITED WARRANTY

This Limited Warranty applies to those cases where the new product is unloaded from its shipping container, set-up as described in this manual, and under normal use and service is found to have defects in parts or workmanship under the following terms and conditions:

This Limited Warranty covers the frame, suspension, steering, brakes, engine and engine related components for a period of 90 days from the date of purchase on the sales receipt.

This Limited Warranty DOES NOT cover wear items like tires, batteries, belts, brake pads, chains, spark plugs, fuses, clutch plates, sprockets, light bulbs, and other normal wear items.

This Limited Warranty DOES NOT apply to any part, which in the opinion of the seller was defective because of improper maintenance, improper assembly, alterations, abuse, negligence, or accident.

What is not covered under this Limited Warranty

This Limited Warranty does not cover any product which has been subjected to:

1. Installation of non-original replacement parts.
2. Rental Use.
3. Disassembly, adjusting, or repairing of the product in any way so as to adversely affect its safety and reliability.
4. Competition or racing.

This Limited Warranty does not cover loss of use of the product, loss of time, inconvenience, or other consequential damage which includes, but is not limited to, loss or damage to persons or property or any expense of returning any damaged / defective product to the manufacturer.

How do I get Replacement Parts and Service?

Please DO NOT TAKE THIS PRODUCT BACK TO THE RETAILER. For parts or service center locations, please call 888-863-2252. Many problems are easily repaired by the consumer. Our expert customer service representatives can lead you through most problems with ease. We also have a nationwide network of Authorized Service Centers to assist with any repair or problem.

RECORD THE MODEL NUMBER AND SERIAL NUMBER OF YOUR PRODUCT IN THE SPACES PROVIDED BELOW FOR REFERENCE WHEN ORDERING REPLACEMENT PARTS. IT IS ALSO RECOMMENDED TO ATTACH YOUR SALES RECEIPT TO THIS PAGE.

Model
No. _____ Color _____

Serial
No. _____
(Located on the left rear frame member near the seat belt mount)

Engine
No. _____
(Located on top of engine)

FOREWORD

Congratulations on your purchase of a Baja Motorsports Off-Road Machine. It represents more than 20 years of the pursuit of excellence in the off-road recreation industry. With the purchase of this product, you will experience the thrill of off-road recreation like thousand of other consumers.

This Owner's Manual contains important assembly, operational, safety, and maintenance information. The manual provides information about special techniques and skills necessary to ride your machine. Read it carefully **BEFORE YOU OR ANYONE ELSE USES THIS PRODUCT**. Failure to follow the warnings contained in this manual can result in **SEVERE INJURY OR DEATH**.

Be sure to follow the recommended maintenance schedule and service your Baja Motorsports product accordingly. Preventive maintenance is extremely important its longevity.

It is important that this manual remain with the product when you sell it as the next owner will need this manual. If you should lose or damage this Owner's Manual, please call 888-863-2252 for a replacement.

SAFETY MESSAGE:

READ THIS MANUAL CAREFULLY AND COMPLETELY BEFORE OPERATING YOUR MACHINE. MAKE SURE YOU UNDERSTAND ALL INSTRUCTIONS.

PAY CLOSE ATTENTION TO ALL THE LABELS ON THE MACHINE.

IT IS NOT RECOMMENDED THAT THIS PRODUCT BE RIDDEN BY ANYONE UNDER 16 YEARS OF AGE.

Assumption of Risk

The Owner / Operator and any passengers assume all risks or incidents arising from the use of this product.

Failure to follow, and comply with, all warnings may cause **SERIOUS INJURY OR DEATH**.

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SAFETY

This off-road product IS NOT A TOY AND CAN BE HAZARDOUS TO OPERATE. This product handles differently from other vehicles including ATV's and motorcycles. A collision or rollover can occur quickly, even during routine maneuvers such as turning and riding on hills or over obstacles.

To help you make informed decisions about safety, you will find provided in this manual operating procedures and other safety procedures which must be followed. In addition to the safety information in this manual, you will find safety labels on the product. FOLLOW ALL WARNINGS BOTH IN THIS MANUAL AND ON THE PRODUCT.

Information which is particularly important is distinguished in this manual by the following notations:



FAILURE TO FOLLOW WARNING INSTRUCTIONS COULD RESULT IN SEVERE INJURY OR DEATH TO THE OPERATOR OR PASSENGER (IF DOUBLE SEAT PRODUCT), A BYSTANDER OR A PERSON INSPECTING OR REPAIRING THE PRODUCT.



CAUTION INSTRUCTIONS ARE PROCEDURES TO PREVENT DAMAGE TO THE VEHICLE OR INJURY TO THE OPERATOR OR PASSENGER (IF DOUBLE SEAT PRODUCT), A BYSTANDER OR A PERSON INSPECTING OR REPAIRING THE PRODUCT.

N O T E :

A NOTE provides key information to make procedures easier or clearer.

IMPORTANT RULES FOR SAFE OPERATION



1. This vehicle is not licensable. IT IS NOT TO BE OPERATED ON ANY PUBLIC ROAD, STREET, HIGHWAY, PARKING LOT, SIDEWALK, OR ALLEY. To do so would be in violation of local law. This vehicle may be operated only on private property and upon areas approved by local law. Avoid operating this vehicle in any area with stationary objects that the vehicle could travel under. Do not ride in areas where other recreational vehicles are being operated. Be respectful of landowners and the environment.
2. This vehicle should NEVER be operated indoors. The exhaust from the engine contains carbon monoxide, which is a tasteless, odorless, and poisonous gas.
3. Unless otherwise specified in this manual, all screws, nuts, and bolts must be kept tight to ensure that the vehicle is in safe operating condition. The engine must be kept free of all dirt and other accumulations, paying particular attention to throttle linkage area.

SAFETY

4. Prevailing-Torque-type locknuts lose their locking capability with repeated use and require replacement. Ensure locknuts are functioning properly.
5. The tire pressure should be checked prior to each use. The recommended inflation pressure is the maximum tire pressure as printed on the tire's sidewall. **IMPROPER TIRE PRESSURE MAY CAUSE INSTABILITY AND MAY PREVENT PROPER BRAKING OR STEERING.**
6. Modification of this vehicle or removal of any original equipment or safety decal may render the vehicle unsafe or illegal. **NEVER REMOVE ANY PROTECTIVE GUARDS, BELT GUARD,** These covers are for operator/passenger's protection. If any guards are removed for maintenance or servicing of the vehicle, ensure that they are secured in place prior to operating the vehicle.
7. **THE VEHICLE SHOULD NEVER BE STARTED WITHOUT FIRST CHECKING TO SEE THAT THE THROTTLE IS IN IDLE POSITION.** Do not start engine without verifying proper function of the throttle. Never attempt to start this vehicle without having the operator seated in the proper position. When starting with the operator in the seat, the operator should have their left foot on the brake.
8. This vehicle is not designed or intended for racing, any form of competition, or use on rental tracks.
9. The operator's ability to operate this off-road vehicle safely is largely dependent upon the operator's ability to exercise proper judgment. An operator also must not be too small or too large for controlled operation. The operator must be of sufficient age, understanding, mental capacity, and physical capability to safely operate this vehicle. This vehicle should only be operated after mature, supervised instruction and sufficient practice in decongested areas. Safe operation includes responsibility for the safety of a passenger (if any).
10. **A DOUBLE SEAT VEHICLE IS DESIGNED FOR ONE OPERATOR AND ONE PASSENGER.** No one should ever attempt to ride on this vehicle without being seated, with the seat belt properly secured. For double seat vehicles ridden without a passenger, the passenger seat belt must be secure to prevent it from getting caught up in operating components. Any passenger must be of sufficient age, understanding, mental capacity, and physical capability to act to protect him self/herself. **ALWAYS FOLLOW THE RECOMMENDED AGE RESTRICTION OF 16 YEARS FOR OPERATORS AND PASSENGERS.**
11. The engine should be stopped when the vehicle is not in use.
12. The operator and passenger (if any) of this vehicle should always wear a helmet approved by agencies such as the Department of Transportation (DOT), Safety Helmet Council of America (SHCA), or Snell Memorial Foundation (SNELL). Most off-road vehicle accident fatalities are due to head injuries. The operator should also wear face shields or goggles, boots or closed-toe shoes, gloves, and other appropriate protective clothing.

SAFETY

13. LOOSE CLOTHING, LONG HAIR, OR ARTICLES WORN BY ANY OPERATOR OR PASSENGER MUST BE FULLY CONTAINED, OR COVERED TO PREVENT THEM FROM POSSIBLY BEING CAUGHT IN ROTATING PARTS OF THE VEHICLE OR THE SURROUNDING ENVIRONMENT WHILE RIDING. FAILURE TO OBEY COULD ENDANGER THE PERSONAL SAFETY OF THE OPERATOR OR PASSENGER.
14. DO NOT PLACE HANDS, FEET, OR ANY OTHER PART OF THE BODY OR ANY CLOTHING NEAR THE ENGINE, MUFFLER, WHEELS, CHAIN, AND OTHER ROTATING PARTS OF THE VEHICLE WHILE RIDING OR RUNNING THE ENGINE. Caution must be used in performing required maintenance on or near an operating engine. Special caution should be taken after the engine has been running, since the engine and other drive components may be extremely hot.
15. Wet, slippery, rough, or steep terrain is potentially dangerous and may result in injury if proper caution is not observed. Slow speeds are required to safely operate this vehicle under those conditions. The operator must use mature judgment, skill, and experience to choose a speed suitable for the terrain and riding conditions.
16. The governor settings for this vehicle's engine must not be tampered with, altered, or changed. The governor is set by the engine manufacturer and limits the maximum speed of the engine (and vehicle) and protects the engine from damage. Excessive speeds are potentially dangerous to the operator / passenger, and the engine.
17. Each time before using this vehicle, the fuel supply should be checked. The fuel tank should never be filled while the engine is running or while the engine is hot. Do not fill tank in a closed area such as a garage, while smoking, or in the vicinity of an open flame. Do not overfill the tank. There should not be any fuel in the filler neck. Replace cap tightly to prevent spillage of fuel and potential fire hazard. After filling tank, move the vehicle at least 15 feet away from spot of filling before starting.
18. If the vehicle should start making unusual noise or vibrating abnormally, the engine should be stopped and the spark plug wire disconnected. The vehicle should then be checked for damage. Excessive noise or vibration is generally a warning of loose or worn parts.
19. When making repairs or adjustments to the vehicle which do not involve adjustments to the engine, the spark plug wire must be disconnected and kept away from the spark plug to prevent accidental starting. When working on or around, or when restarting engine, use extreme caution to avoid contact with the muffler, cylinder head, or any other potentially hot area on or around the engine.
20. Always perform a Pre-Ride Inspection before starting the engine. See Pre-Ride Inspection section in this manual.
21. The Bar Cage assembly provided with this vehicle is not designed as a "roll bar". Do not operate this vehicle without the cage properly installed. Vehicles with light kits are for decorative purposes and to assist others in seeing you. Only operate this vehicle during daylight.

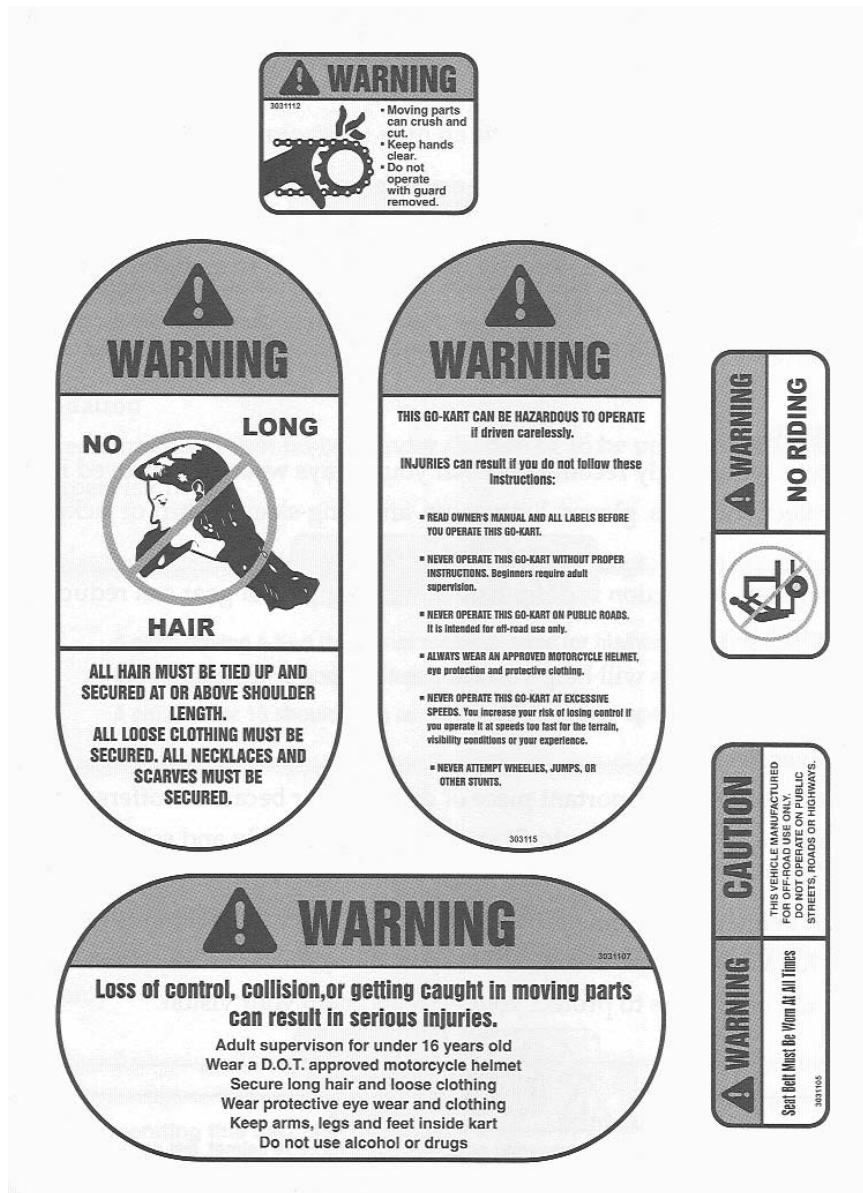
SAFETY

22. When storing the vehicle, it must be kept in a place where gasoline fumes will not reach an open flame or spark. For long period of storage, such as for winter, the fuel tank should be drained in an open, cool area. The engine must be allowed to cool before storage in any enclosure. Read and keep all printed material supplied with this vehicle. Timely and specific instructions and a Operator's Manual revisions are included in supplements. If any printed material included is unclear, contact the manufacturer.
23. NEVER OPERATE THIS VEHICLE WHILE UNDER THE INFLUENCE OF ALCOHOL, DRUGS, OR MEDICATION OF ANY KIND. SUCH OPERATION COULD BE DANGEROUS TO YOUR SELF AND/OR OTHERS.
24. Always slow down when turning. High speed turning may cause loss of control, possible turnover of the vehicle, and/or possible injury to operator or passenger.
25. When turning, knobby tires may increase the risk of loss of control. ALWAYS SLOW DOWN! A collision or rollover can occur quickly, even during routine maneuvers such as turning and riding on hill or over obstacles, if you fail to take proper precautions.
26. DO NOT RACE, JUMP, PERFORM "STUNT" RIDING OR "SPINOUTS" WHEN OPERATING THIS VEHICLE. THIS VEHICLE IS NOT DESIGNED OR INTENDED FOR SUCH OPERATION.
27. This manual, along with the other supplements provided with your vehicle, provide guidelines for the assembly, maintenance, and operation of this vehicle and is not intended as a service manual.
28. Assembly, maintenance, and/or repair of this vehicle should only be performed by persons of sufficient mechanical skill, experience, and judgment (such as outdoor equipment dealers, motorcycle dealer/shops, or small engine dealers) so that no unsafe condition or modification is made.
29. Always use extreme caution when starting the engine. Avoid touching the engine, muffler, or drive components. These areas could cause burns on contact.
30. The battery (if applicable) contains sulfuric acid and must not come in contact with skin, eyes, or clothing since this will cause severe burns possibly causing disfigurement. Also, battery may generate explosive gases and must not be exposed to sparks, flame, cigarettes, or anything flammable or an explosion may result causing severe injury. Protective gloves and face protection must be worn when servicing the battery
31. ANY OPERATOR OR PASSENGER UNDER 18 YEARS OF AGE MUST ALWAYS BE APPROPRIATELY SUPERVISED BY AN ADULT AT ALL TIMES WHILE OPERATING THE VEHICLE.
32. Operating this vehicle requires skills acquired through practice over a period of time. Take the time to learn the basic techniques well before attempting to operate the vehicle.
33. Operate only on safe and familiar terrain. Avoid loose gravel and rocks. Be careful on wet surfaces and allow for extra braking distance.

SAFETY LABELS



Read and understand all of the labels on your vehicle. The labels contain important information for safe and proper operation. The labels should be considered as permanent parts of the vehicle. If a label comes off or becomes hard to read, contact the manufacturer for replacement labels.



The Engine Exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.



VEHICLE ASSEMBLY

Step 1

Installing the Rear and Front Wheels

Place a common automobile jack under the rear axle. Using the automobile jack raise the rear axle off the ground approximately 12". Slide one of the 22" rear wheels over the splined rear axle. Make sure the air stem valve is facing outward. Note the grooves in the rear wheel hub must match the grooves in the axle and wheel must "seat properly". Assemble the large washer, smaller washer, axle nut and tighten the axle nut using a socket or adjustable wrench. See fig 1.

THE NEXT STEP IS VERY IMPORTANT. INSERT THE COTTER PIN THROUGH THE GROOVES IN THE NUT THE THEN THROUGH THE REAR AXLE. BEND THE OPEN END OF THE COTTER PIN TO ENSURE THE REAR AXLE NUT DOES NOT LOOSEN DURING OPERATION.

Use the automobile jack to raise the front of the go-kart off the ground. Remove the nuts which are placed on the front wheel hubs. Install one of the front wheels by lining up the bolts on the front wheel hub with the holes in the front wheel rim. NOTE: THE VALVE STEM (AIR FILL TUBE) MUST BE TO THE OUTSIDE to ensure the wheel has been installed properly.. Place the nuts on the bolts. Using socket wrench, evenly tighten the nuts in diagonal pattern. Put the rubber covers over the front hubs. See fig 2.

Figure 1

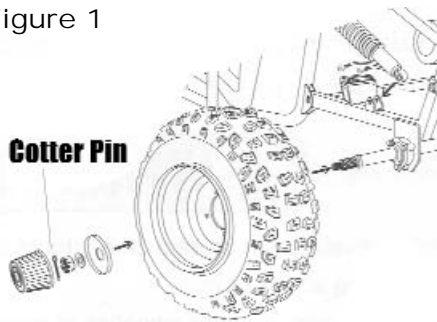


Figure 2



Step 2

Attaching the Gas Tank

Next attached the gas tank to the rack as shown in. Fig 3. Follow the bolt, spacer, and washer order to insure the tank is securely fastened. See fig 4.

Attach the gas line to the gas on/off valve on the gas tank as shown in Fig 5. Turn the gas on/off value to either on or res. In the res position, half of the gas in the tank will be used during operation. Turn the value to res to use the remaining gas.

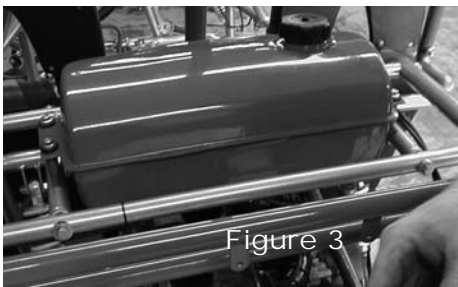
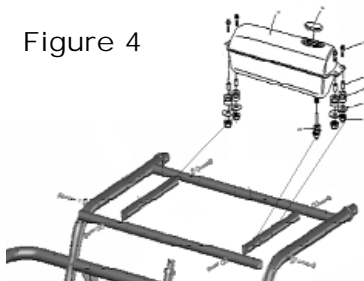


Figure 4



VEHICLE ASSEMBLY

Step 2

Attaching the Bar Cage

Attach the Bar cage using the bolts and nuts provided. See Fig 6. Tighten the nuts after the bar cage is seated. Attach the light as shown. See Fig 7. Attach the foam padding as shown.

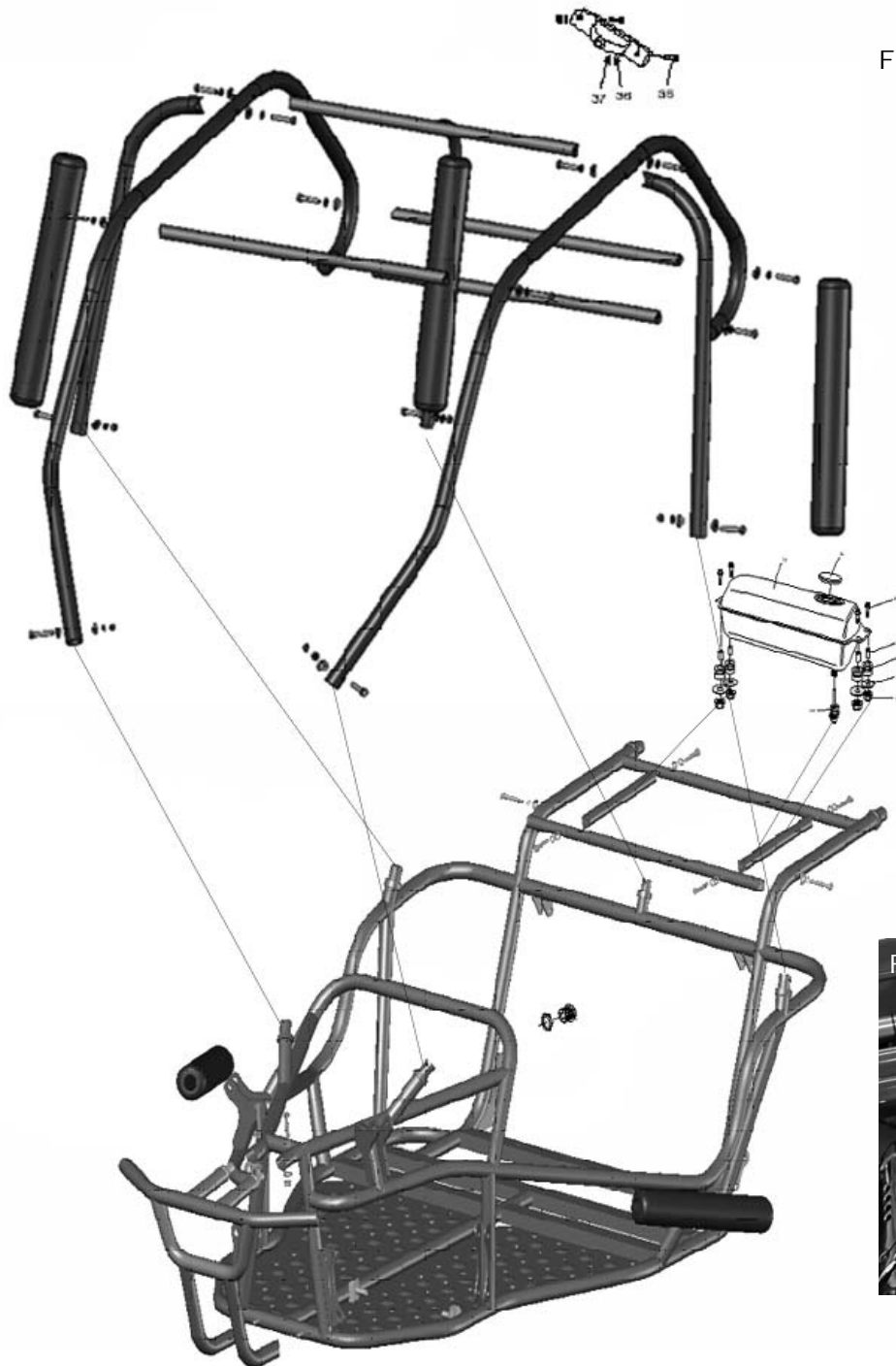


Figure 6

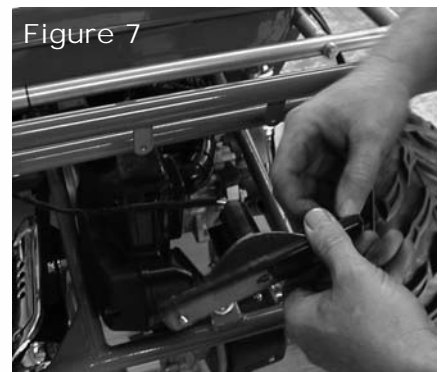
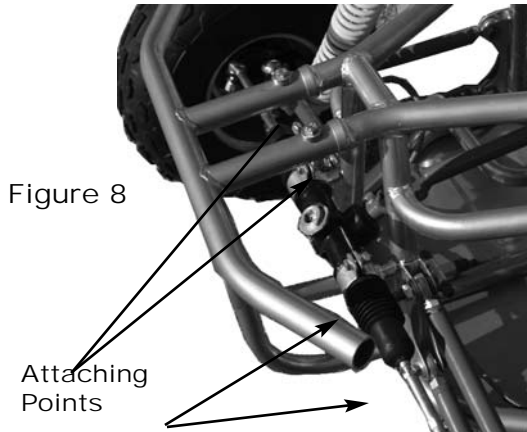


Figure 7

VEHICLE ASSEMBLY

Step 3 Attach the Front Bumper



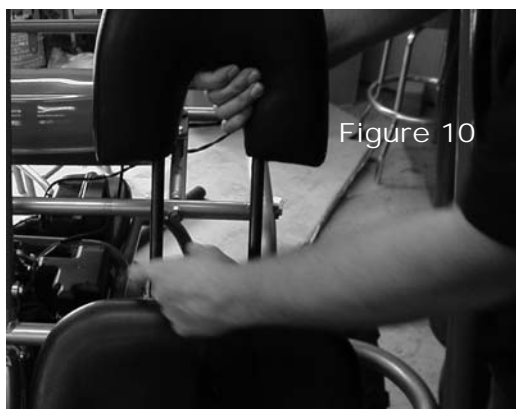
Attach the front bumper as shown using the bolts provided. Note there are four attaching points. Two on the top and two on the bottom. Fig 8.

Step 4 Connect the Wiring for the Lights



Attach the wires from the Ignition to the wires found on the right side of the bar cage. Attach wires with corresponding colors. Fig 9

Step 5 Insert the headrest



Insert the headrest as shown. Fig 10.

Refer to the Periodic Maintenance Section of this Manual for Information on Fuel, Oil, Battery Service, and other vital information.

SPECIFICATIONS

DIMENSIONS

Overall Length -----	86 in. (2184mm)
Overall Width -----	54 in. (1371mm)
Overall Height -----	55 in. (1397mm)
Wheelbase -----	71 in. (1803mm)
Ground Clearance Front -----	6.5 in. (165mm)
Ground Clearance Rear -----	10 in. (254mm)

ENGINE

Type -----	Forced Air-Cooled 4-Stroke
Engine capacity -----	150cc
Bore x Stroke -----	57mm x 57.8mm
Displacement -----	149.6cc
Corrected compression ratio -----	9.2:1
Carburetor -----	Keihin VE49A
Output Power -----	9.2 hp @ 7500 RPM
Maximum Torque -----	8.0 nm @ 4000-4500
Starting -----	Electric
Ignition -----	C.D.I.
Lubrication -----	Pressure & Splash
Transmission -----	Automatic (C.V.T system)
Spark plug -----	C7HSA(NGK)
Plug gap -----	0.6-0.7mm
Fuel Type -----	(Unleaded)
Lubricate oil -----	SAE-10W/40

CAPACITIES

Maximum Load-----	Double Seats/400lbs
Fuel tank -----	1.85 Gal
Engine oil -----	30 Oz
Starting -----	5 sec.
Battery -----	12V 10Ah
Head Light -----	12V 15W
Tail Light -----	12V 10W/5W
Fuse -----	10A

SPECIFICATIONS

Brake Track -----	< 7 m@20miles/h
Top speed -----	36 MPH Est.

SPECIFICATIONS

CHASSIS

Front Brakes ----- Dual Hydraulic Disc, Left Foot Control
Front tire ----- 19 x 7-8
Rear tire ----- 22 x 10 -10
Front Suspension ----- Independent Dual A-Arm
Rear Suspension ----- Swing Arm/Double Oil Damped Shock
Restraint System ----- Dual 4-point Harness
Final Drive Chain ----- (KMC) O-Ring Chain

TIRE PRESSURE

Front ----- 2.5 psi
Rear ----- 3.0 psi

WEIGHT

Net Weight ----- 528 lbs


OPERATION CONTROLS

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 and the operator is seated properly in the vehicle. The operator must know how to stop this vehicle before operation.

A. Throttle

The right foot pedal is the throttle that controls the Kart speed. As the engine speed is 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**

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 engine throttle linkage fail to return to idle. If you are unable to correct the problem through lubrication, adjustment or replacement of worn parts, contact the manufacturer for assistance.

B. Brake

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

B. Start engine

Position then engine stop button in the run position. Insert the key into key-switch, depress the brake pedal, turn the key clockwise, 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 actuate starter more than 5 seconds at one time).

NOTE: THE BRAKE PEDAL MUST BE DEPRESSED WHEN STARTING THE ENGINE. THE ENGINE WILL NOT START WITHOUT THE BRAKE BEING DEPRESSED



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, position the Engine Stop Button to the off position. The engine should stop.

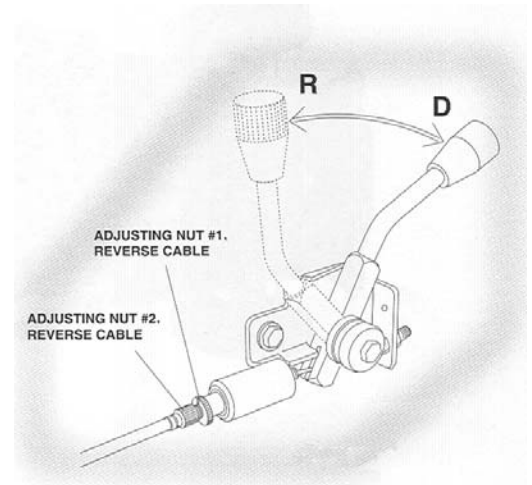
OPERATION CONTROLS

E. Reverse Operation

When the forward / reverse lever is in the "D" position the vehicle will move forward when the throttle is pressed. When the forward / reverse level is pulled back to "R" the vehicle will move backward when the throttle is pressed. (See Fig.4)

NOTE:

Note: Push the throttle slowly when the reverse is engaged.



When reverse lever is in the drive position, there need to be 1/2 inch of play in the reverse level. If the adjustment is not correct, then loosen the lock nut #2, then adjust lock nut #1 to the proper amount of play.

F. Parking Brake

See Fig 1. on page ?? for the location of the parking brake. The to engage the parking brake pull back on the lever. THE PARKING BRAKE SHOULD ONLY BE USED WHEN THE VEHICLE IS NOT MOVING.



WARNING

Insure the parking brake is not engaged when the vehicle is in operation. Operating the vehicle with the parking brake engaged will wear the brake pads quickly and braking power could be lost.

G. Passengers

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

OPERATION CONTROLS

H. 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 remote stop button.

- a. Pull seat adjustment handle upward to disengage seat slide.
- b. Move seat to desired position.
- c. 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 the vehicle engine is stopped. Never operate this vehicle when the seat is not securely fastened. To do so could result in the possibility of severe personal injury or loss of life. Before attempting to adjust the seat, ensure the vehicle's engine is stopped.

I. Seat Belts

This Vehicle is equipped with a seat belt for the operator and a seat belt for the passenger of a double seat vehicle (if applicable). No one should ever attempt to ride the Vehicle without being seated, with the seat belt properly secured.

After being seated in the vehicle, place your arms through the shoulder straps. Next, buckle the lap belt and adjust the tightness of the lap belt by pulling the loose ends outward. The shoulder harness should then be adjusted by pulling down on the loose ends.



WARNING

Operating the vehicle without the seat belt fastened properly could result in the operator or passenger (if applicable) being ejected from the vehicle, and coming in contact with the ground or the custom bar cage in case of collisions or rollover. This could result in severe injury or death.

PRE-OPERATION INSPECTION

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 an authorized service center. There may be damages or other problems you cannot see.



Operating the vehicle without the seat belt fastened properly could result in the operator or passenger (if applicable) being ejected from the vehicle, and coming in contact with the ground or the custom bar cage in case of collisions or rollover. This could result in severe injury or death.

Pre-drive Inspection

Check the following items before you operate the vehicle:

Engine Oil

Check the level and add oil if needed. Check for leaks. Refer to the “Periodic Maintenance” section of this manual for the proper amount of oil.



Fuel

Check the level and add fuel if needed. Also make sure the fuel fill cap is securely fastened. Check for leaks. Refer to item number 17 in the “Safety” section of this manual for proper instructions on filling the gas tank.

Tires

Use a gauge to check the air pressure. Adjust if needed. Also look for signs of damages or excessive wear. Refer to the “Specifications” section of this manual for proper pressure measurements for each tire.

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

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

PRE-OPERATION INSPECTION

Air Cleaner Housing Drain Tube

Check for deposits in the drain tube. If necessary, clean the tube and check the air cleaner housing. Refer to the "Periodic Maintenance" section of this manual for instructions on cleaning the air filter.

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 rear brake pedal several times, check for proper brake pedal freeplay. Make sure there is no brake fluid leakage. Check operation of the pedal. It should move smoothly and there should be a firm feeling when the brake is applied.

PERFORM A BRAKE TEST: Have the operator sit in the seat, then push the vehicle from behind. Once the vehicle is rolling, have the operator apply the brake pedal. The vehicle should come to a stop. Test the brakes at slow speed after starting out to make sure they are working properly. If the brakes do not provide proper braking performance, inspect the brakes for wear.

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.

Cables

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

BEFORE YOU START THE ENGINE

Before operating your vehicle, you need to make sure you and your vehicle are both ready for operation. To help get you prepared, this section discusses how to evaluate your driving readiness. You should also complete a Pre-Operation inspection as described previously in this manual.

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

- Read this owner's manual and the labels on your vehicle carefully.
- Make sure you understand all the safety messages.
- Know how to operate all the controls.
- Have adult present if under 18 years old.

Before each drive, be sure:

- You wear your seat belt at all times while driving your kart or as a passenger.
- You feel well and are in good physical and mental condition.
- You are wearing an approved motorcycle 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 an approved motorcycle helmet, eye protection, boots, gloves, long pants, long-sleeved shirt or jacket, and closed toe shoes or boots whenever you drive. Although complete protection is not possible, wearing proper gear can reduce the chance of injury when you operate the vehicle.

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

Helmet and Eye Protection

Your helmet is your most important piece of driving gear 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) sticker on any helmet you buy. Always wear a face shield or goggles to protect your eyes and help your vision.



Operating this vehicle 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 the event of 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, long pants, and closed toe shoes or boots.

BEFORE YOU START THE ENGINE

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.

Driver Training

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

Age Recommendation

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

 **WARNING**

Allowing a person under the age of 16 to operate this vehicle or to become a passenger could be hazardous and could result in severe injury or death. Operating, or becoming a passenger in this vehicle, or any other vehicle, which is not recommended for his /her age could result in loss of control and could result in severe injury or death. A minor under 18 should have adult supervision when operating this vehicle.

No Alcohol or Drugs

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

 **WARNING**

Operating this vehicle after consuming alcohol or drugs can seriously impair your judgement, 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 vehicle.

The Exhaust System

The exhaust system on this vehicle is very hot during and following operation. To prevent burns, avoid touching the exhaust system. Always park the vehicle in a place where pedestrians or children can not touch it.

 **WARNING**

Touching the exhaust system during or after operation could result in severe burns.

DRIVING TIPS

Off-Road Use Only

Your vehicle 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 vehicle on pavement.

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 vehicle on public streets, roads or highways, even if they are not paved. Drivers of motor vehicles may have difficulty seeing and avoiding you, which could lead to a collision. It is illegal to operate off-road vehicles on public streets, roads, or highways.



WARNING

Operating this vehicle on paved surfaces may seriously affect handling and control of the vehicle, and may cause the vehicle to go out of control. Never operate the vehicle on any paved surfaces , including sidewalks , driveways , parking lots and streets .

In addition, operating this vehicle on public streets , roads or highways could cause a Collision with another vehicle. Never operate this vehicle on any public streets , roads or highways ,weather it be dirt, gravel or pavement.

Keep Hands and Feet on Controls

When driving your vehicle 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 vehicle. Removing hands or feet away from the controls can reduce your ability to react and control the vehicle.



WARNING

Removing your hands from the steering wheel or feet from foot controls during operation can reduce your ability to control the vehicle.

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

DRIVING TIPS

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 vehicle, the terrain, visibility and other operating conditions, plus your own skills and experience.

Roll Over

This, or any other off-road vehicle, could overturn during high speed turns, on uneven terrain, or during sliding stops. This possibility increases on paved or hard surfaces. Take extra precautions to slow down during turns. In addition, never perform sliding stops. Keep hands and feet inside the vehicle at all times.



Operating this vehicle at excessive speeds increases your chances of losing control of the vehicle, which can result in roll over or another type of accident.

Always drive at a speed that is proper for your vehicle, 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.)

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



Failure to use extra care when Operating this vehicle on unfamiliar terrain could result in the vehicle overturning or going out of control. Go slowly and be extra careful when operating on unfamiliar, rough, slippery, or loose terrain. Always be alert to changing terrain conditions when operating the vehicle.

Do Not Perform Stunts

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

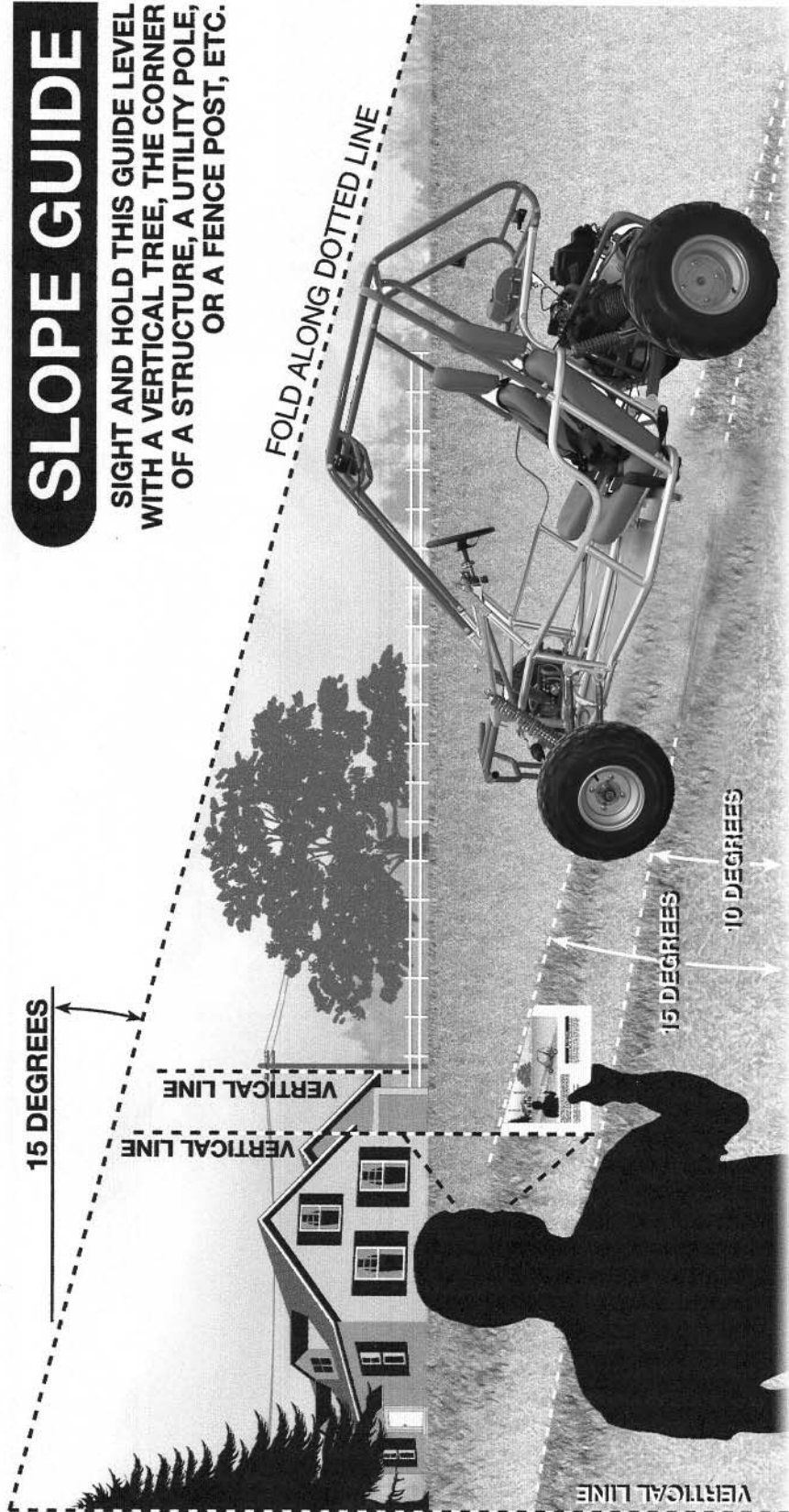


Attempting wheelies, jumps, and other stunts increases the chance of an accident, including a rollover. Never attempt stunts, such as wheelies or jumps.

SLOPE GUIDE

SLOPE GUIDE

SIGHT AND HOLD THIS GUIDE LEVEL WITH A VERTICAL TREE, THE CORNER OF A STRUCTURE, A UTILITY POLE, OR A FENCE POST, ETC.



When operating your Go-Kart, do not ride a slope greater than 15 degrees. You can use this page to determine the angle of the slope. A 15 degree slope is generally safe to ride up and down. However, if you do not feel safe or if you are not completely sure, use this guide and do not ride a slope that is greater than 15 degrees.

A 15 degree slope is a hill that increases in height at approximately 2.5 feet in 10 feet.

A 10 degree slope is a hill that increases in height at approximately 1.7 feet in 10 feet.

CAUTION

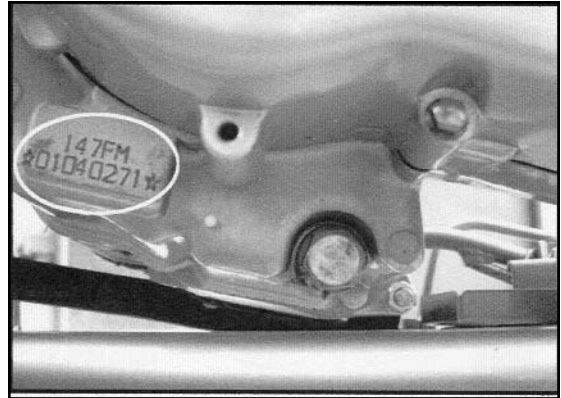
Use extreme care at all times, and AVOID SUDDEN TURNS OR MANEUVERS. Follow other instructions in this manual for safety in riding on slopes. Operate a Go-Kart up or down slopes, never across the face of slopes. Use extra care when operating on or near slopes and obstructions.

PERIODIC MAINTENANCE

Model Identification

ENGINE NUMBER

The engine number is located on the lower front left side of the engine cases.



Fuel and Oil Recommendations

In order to ensure proper operation of the kart only the specified fuel and oil should be used.

Fuel

- Gasoline should be 85 to 93 octane or higher.
- Only use unleaded gasoline.

WARNING

- To avoid serious burn or injury, always take caution when working with gasoline.
- DO NOT refuel when engine is hot.
- Always refuel with the engine stopped and outdoors or in a well-ventilated area.
- Be sure to tighten fuel cap after refueling.
- Avoid all spilling.
- If you get gasoline on your skin or clothing immediately wash it off with soap and water and change clothing.
- DO NOT smoke around gas container or go kart and keep away from open flame.
- Follow all gasoline producer directions.

Engine Oil

- API Classification SF – SG (SAE 10W – 40) motor oil should be used.

Gear Oil

- API Classification GL – 5, GL – 4, GL – 3 (SAE 80W – 90) gear oil should be used.

Note: SAE is an oil weight viscosity classification standard.

PERIODIC MAINTENANCE

ENGINE BREAK-IN

The most critical time in your engine's life is the first 20 hours. For this reason, we ask that you carefully read the following material. Because the engine is brand new, you must not put an excessive load on it for the first several hours of running. During the first 20 hours, the various parts in the engine wear and polish themselves to the correct operating clearance. In the first 20 hours of the engine's operation it is critical to avoid excessive engine heating. However, momentary (2~3 seconds maximum) full throttle operation under load does not harm the engine. Each full throttle acceleration sequence should be followed with a substantial rest period for the engine by cruising at lower rpm (revolutions per minute) so the engine can rid itself of the temporary build up of heat.

1. 0~10 hours:

Avoid continuous operation above half throttle. Allow a cooling off period of five to ten minutes after every hour of operation. Vary the speed of the machine from time to time. Do not operate it at one set throttle position.

2. 10~20 hours:

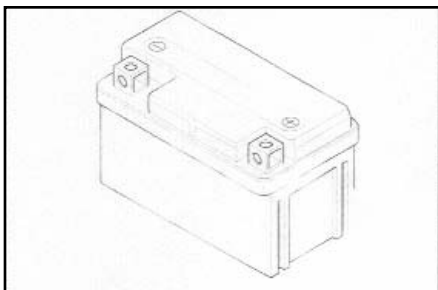
Avoid prolonged operating above $\frac{3}{4}$ throttle. Rev the machine freely but do not use full throttle at any time.

3. After break-in:

Avoid prolonged full throttle operation. Vary speeds occasionally.

Battery Installation

INITIAL SERVICE AND INSTALLATION OF BATTERY:



WARNING

The following procedure is very dangerous and should be performed with utmost care and attention. Wear protective eyewear, rubber gloves, and have water available should electrolyte come in contact with skin or eyes. KEEP ALL CHILDREN AWAY FROM THE AREA WHILE THIS PROCEDURE IS BEING PERFORMED.

POISON - CAUSES SEVERE BURNS

Contains sulfuric acid.

Avoid contact with skin, eyes, or clothing

TO prevent accidents, rinse empty container with water.

ANTIDOTE:

External - flush with water

Internal - Call physician immediately. Drink large quantities of water or milk.

Follow with milk of magnesia, beaten eggs or vegetable.

Eyes - Flush with water for 15 minutes and get prompt medical attention.

KEEP OUT OF THE REACH OF CHILDREN

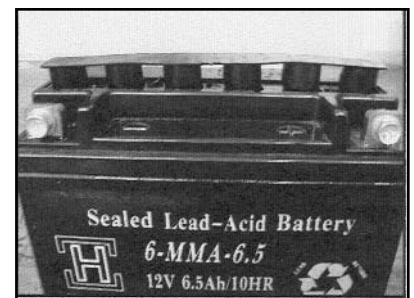
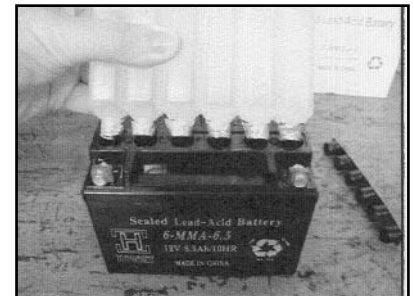
PERIODIC MAINTENANCE

Battery Installation (cont.)

Note: The following page is for vehicles with battery's containing separate electrolyte pack. Most battery's will come with the electrolyte already sealed into the battery.

Preparing the battery:

- Place battery on level surface. Remove sealing tape from top. (see figure 20)
- Take the electrolyte container out of the plastic bag.
- Place electrolyte container upside down with the sealed silver mouths of the electrolyte bottles in line with the six filler holes of the battery. (see figure 21)
- Push the container down strongly enough to break the silver seals. (see figure 22)
- As electrolyte starts flowing into battery, air bubbles will come up from the mouths of the plastic electrolyte bottles.
- Leave bottles upside down in battery holes until electrolyte is completely drained.
- Never leave children unattended around battery.
- If air bubbles cease to float to the top of the electrolyte bottles, tap lightly on top.
- DO NOT remove container from battery while it is draining.
- Never cut or pierce electrolyte container.
- After all the electrolyte has drained from the bottles into the battery, pull plastic electrolyte bottles gently out of the battery.
- Discard empty electrolyte bottles in a waste area that is inaccessible to children and animals.
- After filling let battery stand for at least 30 minutes before charging. This allows the electrolyte to penetrate plates for optimum performance and ensures longer battery life.
- After 30 minutes the battery is ready for its initial charge. Place cap strip loosely over the filling holes as shown in the picture. (see figure 23)



PERIODIC MAINTENANCE

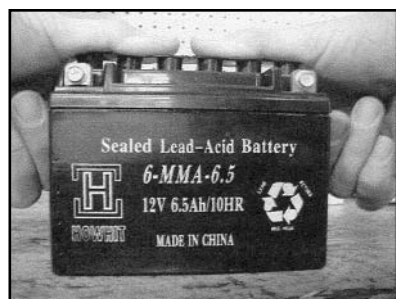
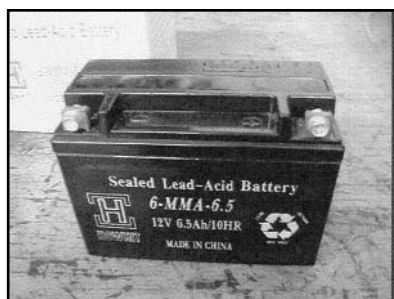
How to Initially Charge the battery:

1. Connect the red positive (+) cable to the red positive (+) pole of the battery. (see figure 24)
 2. Connect the black negative (-) cable to the black negative (-) pole of the battery. (see figure 25)
Note: The red positive (+) cable has a larger diameter than the black negative y cable.
 3. Charging rate: Charge battery @ 0.7 Amps for 5 ~ 10 hours.
- After charging is complete, press down firmly with both hands to seat the caps. (Do not pound or hammer.) The battery is now sealed. (see figure 26 and 27)



WARNING

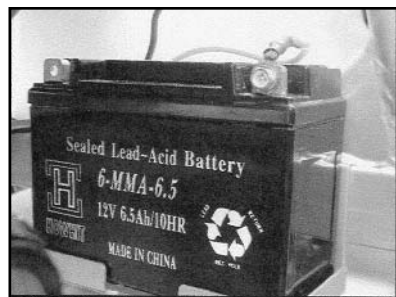
NEVER REMOVE THE STRIP OF CAPS NOR ADD ANY WATER OR ELECTROLYTE.



- Install battery into battery tray making sure that the rubber mat is in place. The warning label on the battery should be facing the warning label on the gray tray. (see figure 28)

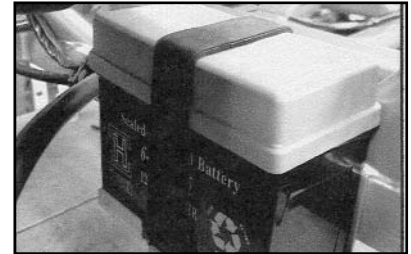
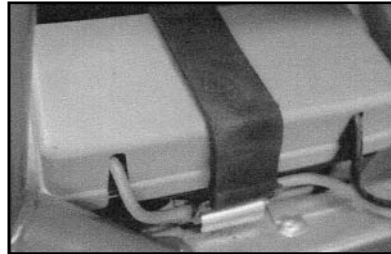
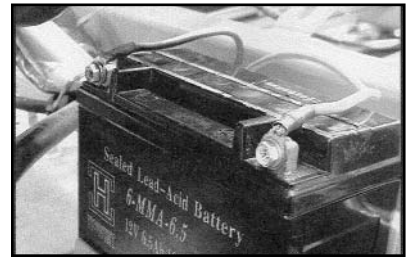


- Once battery is firmly seated in gray tray with rubber mat under it, attach the red positive wire to the red positive terminal on the battery. (see figure 29)



PERIODIC MAINTENANCE

- Then attach the black negative wire to the black negative terminal on the battery. (see figure 30)
- Place grey plastic battery cover on top of the battery and thread wires through the cover cuts – outs. Finally, secure the battery with the wide black rubber strap using the hooks on both ends. (see figure 31 and 32).



WARNING

- DO NOT open sealed caps to add water to battery.
- Always wear safety glasses and charge in a ventilated area.
- If battery gets hot to the touch, discontinue charging and allow battery to cool down.
- Do not use fast charging unless it is an emergency.
- At the beginning or end of charging, turn off the charger first, in order to prevent electric spark and explosion.
- Charge in a well ventilated area.
- DO NOT smoke around batteries and keep away from open flame.

BATTERY REPLACEMENT:

- Remove old battery. Mark which cable is connected to the positive terminal (+) and which cable is connected to the negative (-) terminal.
- Clean cable connectors with wire brush or sandpaper to remove oxidation.
- After charging, install new battery. Put dielectric grease on the battery terminals to avoid corrosion. Connect cables to the proper terminals. Positive cable to positive terminal A and negative cable to negative terminal y.
- Positive (+) cable is red and larger in diameter. Negative y cable is black and smaller of the two in diameter. **CONNECT NEGATIVE CABLE LAST.**
- Torque terminal bolts to 40 in. / lbs.
- Place rubber pad in bottom of battery tray.
- Securely fasten battery to the vehicle using cover and strap.

WARNING

- To avoid possibility of explosion, always connect battery cable in the order specified: RED first; BLACK last. An exploding battery can cause serious injury or death.
- Batteries contain sulfuric acid.
- Always shield eyes with protective eyewear when working around battery acid.
- Battery acid is poisonous and can cause severe burns.
- DO NOT smoke around batteries and keep away from open flame.

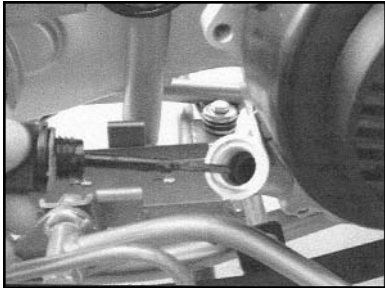
PERIODIC MAINTENANCE

Changing the Oil

The engine oil must be changed the first 5 hours of operation of your new vehicle engine. The engine oil should then be changed every 10 hours of use thereafter.

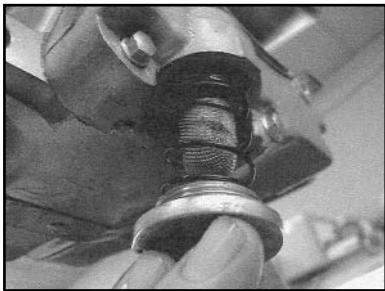
ENGINE OIL: API Classification SF – SG (SAE 10W – 40)

Checking the Engine Oil



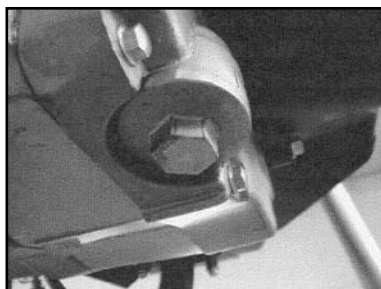
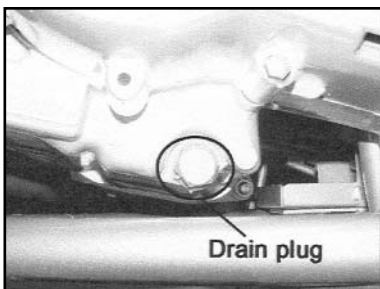
- Place unit on flat surface.
- Remove dipstick and wipe off with a clean cloth.
- Put dipstick in hole without screwing it in.
- Check oil level to see if it is between min and max indicators.
- Add oil as necessary to reach required level.

Changing the Engine Oil



- Run unit for at least 5 minutes or until warm, shut off.
- Place suitable container for draining oil beneath engine.
- Container should be capable of holding at least 1 gallon.
- Remove the engine drain plug, oil filter cap, spring, and oil filter screen. Drain the oil completely.

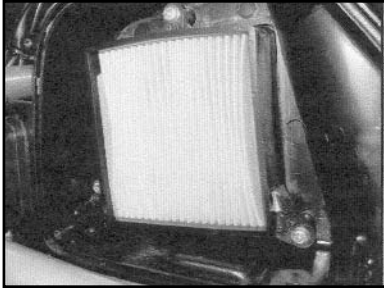
- Check condition of O-ring and filter screen for foreign material before installing.
- Install the drain plug and torque to 12 ft. / lbs.
- Fill with 25 to 31 oz. of API classification SF – SG (SAE 10W – 40) oil.
- Start engine and check for leaks.
- Shut off engine and check the oil level with dipstick, do NOT screw the dipstick in when making this check. Add oil if necessary to reach safe amount.



PERIODIC MAINTENANCE

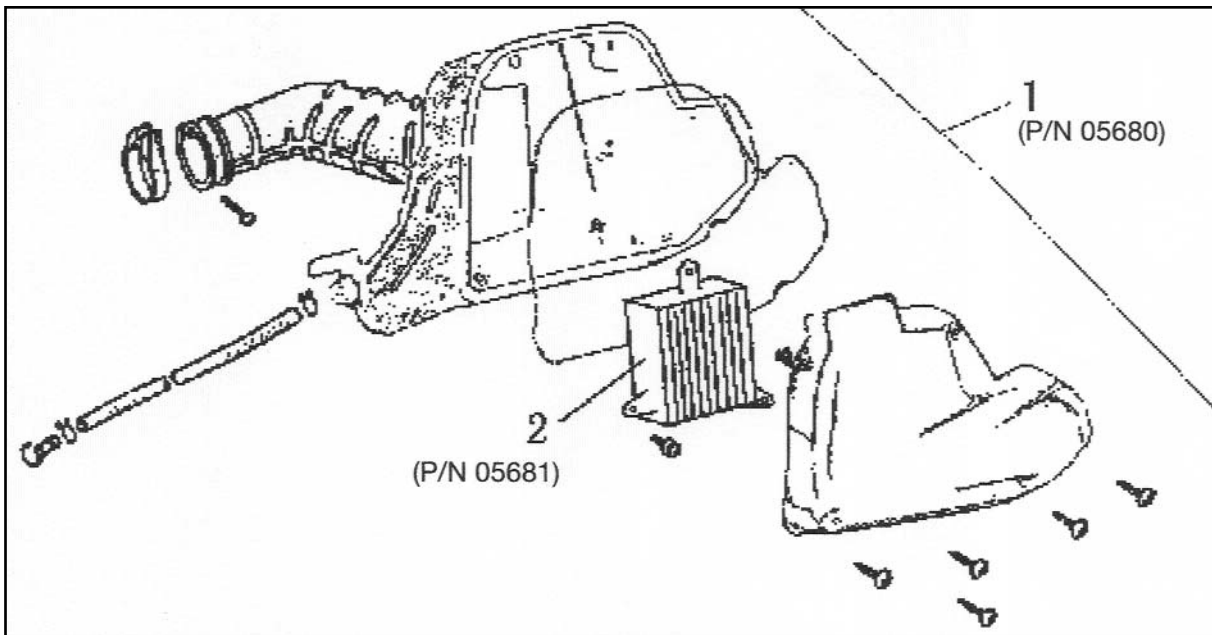
Cleaning the Air Filter

It is very important that the air filter be cleaned on a regular basis. The air filter should be cleaned every 10 -20 hours or more often if the vehicle is driven in extremely dusty conditions. If the air filter is clogged with dust, performance will be adversely affected and if left unserviced, engine damage can occur. Check and clean in the following manner:



- Remove the 5 screws on air filter and remove the cover. Remove the 3 screws of the air filter and remove element.

- Clean the air filter cover with mild, sudsy water. Rinse and allow to dry.
- Install a new air filter element and reattach cover. Tighten screws



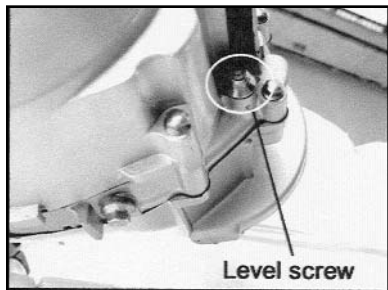
CAUTION

Before and during service, inspect the element for rips. A torn element must be replaced. Make sure that the element is seated properly and no foreign material can pass by it.

PERIODIC MAINTENANCE

Inspecting and Changing the Final Gear Oil

Inspect final gear oil level monthly and change final gear oil every 3 months.

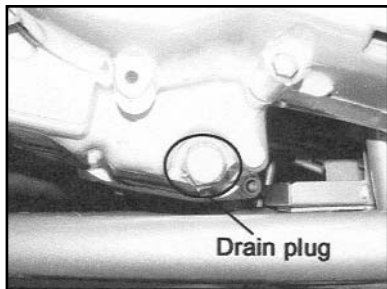


To check level, remove level screw on the left rear engine case. If gear oil does not come out of hole, add until it does.

Note:

API Service Standard GL-5, GL-4, GL-3 SAE 80W 90 gear oil is recommended in the final drive case. However, in extreme cold weather conditions it is then advised to use lighter viscosity oil, such as 75 wt.

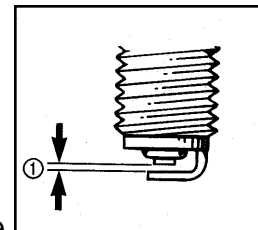
Final drive capacity: 80cc (3 oz.)



To drain gear oil, remove the drain plug at the rear bottom of the engine case. It is recommended to warm the engine for 10 minutes or more before draining final gear oil.

SPARK PLUG - NGK C7HSA

- Clean up the carbon around the spark plug to prevent the carbon from dropping into the cylinder when removing the spark plug.
- Remove the spark plug.
- Clean up carbon accumulation on the spark plug with a steel brush or a blade.
- Inspect the spark plug gap, in general it should be about
Spark plug gap: .024 in. ~ .028 in. (0.6 ~ 0.7mm).



Note: If the carbon accumulation and wear on the spark plug appear to be excessive, replace it with a spark plug of the same specification.

BRAKE PERFORMANCE

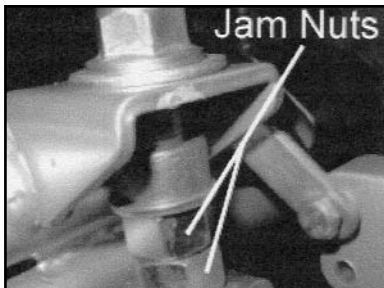
- Always check that there is plenty of brake fluid in the brake fluid reservoir.
- Ensure that the rear brake pads are in good condition.
- Check the brake rotor for abnormal wear.
- DOT 3 – 4 brake fluid



PERIODIC MAINTENANCE

Chain Adjustment

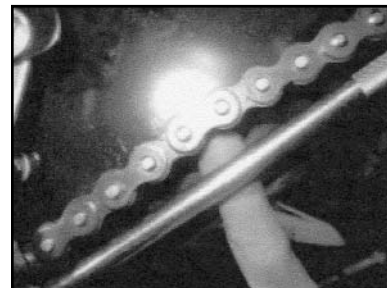
Loosen the jam nuts



Turn adjustment nut clockwise to remove deflection in chain

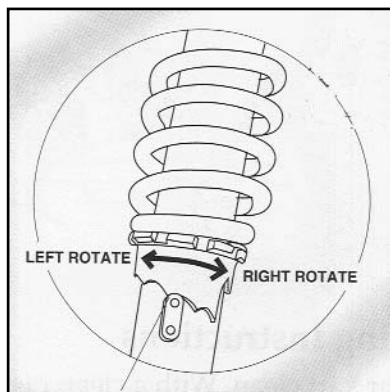


Leave 3/8 - 3.4 in. deflection in chain. Tighten jam nuts to 40ft / lbs.



Adjustment of Front and Rear Shocks

There are five adjustable positions on each shock. The default position is in the middle set by manufacture. Use a round nut wrench as you adjust the shock, the tension of shock spring will increase as you screw to left, decrease as you screw to the right. Adjust according to the weight of the riders.



STORAGE

In the event your vehicle is not to be operated for a period in excess of 30 days and at the end of riding season prepare for storage as follows:

WARNING - Do not drain fuel while engine is hot. Be sure to move vehicle outside before draining fuel.

1. Drain fuel tank and remove all fuel remaining in the tank by using a suction device or by soaking up the fuel with a clean rag or towel. Remove all fuel remaining in the carburetor by allowing engine to run out of fuel. Do not perform any fuel removal procedure while smoking or near an open flame. Dispose of any rags or towels properly.
2. Lubricate engine cylinder by removing the spark plug and pouring an ounce of lean lubricating oil through the spark plug hole into the cylinder. Crank the engine slowly to spread oil and replace spark plug.
3. Do not save or store gasoline over winter. Using old gasoline that has deteriorated from storage will cause hard starting and affect engine performance.
4. When the vehicle is removed from storage re-read the owner's manual, perform any assembly required, and perform a pre-ride inspection. See Pre-Ride Inspection section of this manual.

PERIODIC MAINTENANCE

Maintenance Chart

The maintenance intervals in the following table are based upon average riding conditions. Operation in unusually dusty areas require more frequent servicing.

A: Adjust C: Clean I: Inspect L: Lubricate R: Replace

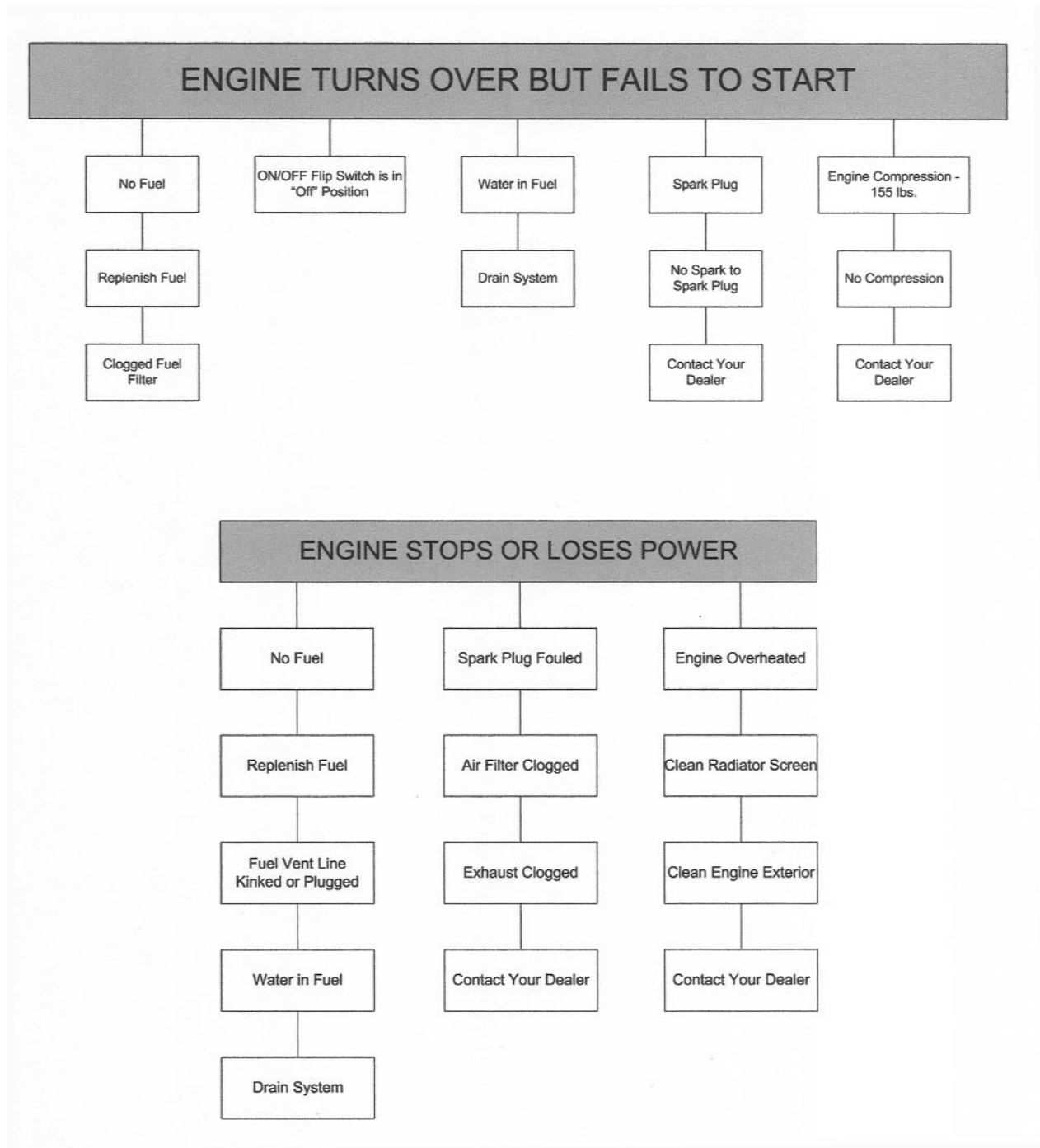
Items	Initial Service	Daily	Monthly	Quarterly	Yearly
Tire Pressure	I	I			
Chassis	I	I			
Tightness of Fasteners	I	I			
Brake Performance	I	I			
Brake Fluid		I		I	
Air Filter	More Frequently in dusty areas		C		
Carburetor			I		C
Spark Plug				C,A	
Drive Chain	I	I	I	C,A,L	
Engine Oil	R	I	R		
Replace Gearbox Oil			I		R
Valve Clearance of Engine					A
Spark Arrester (if applicable)	I	I			R
Fuel Line	I	I		I	
Exhaust	I		I		
Battery	I			I	

Maintenance Record

Maintenance Interval	Date Of Service	Service Performed by: Name and Address	Type of Service
1 Month			
3 Months			
6 Months			
12 Months			
18 Months			
24 Months			
30 Months			
36 Months			
42 Months			
48 Months			
54 Months			
60 Months			

TROUBLESHOOTING

The following information is provided to help you identify probable question you may have out the operation of your go kart. See your authorized service center with any additional questions you may have.

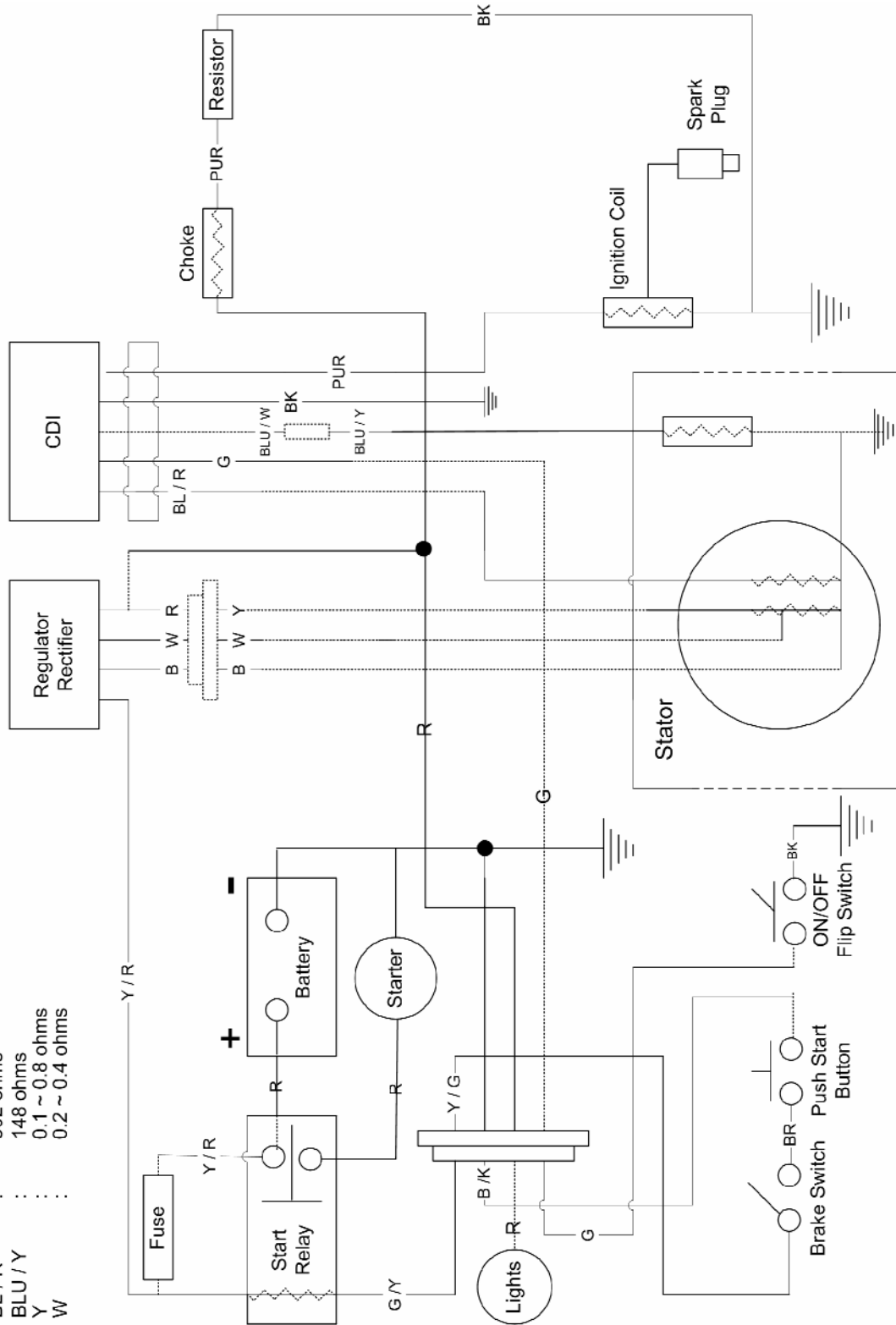


WIRING DIAGRAM

Wiring Diagram

Resistance Values: Stator

BL/R	:	502 ohms
BLU/Y	:	148 ohms
Y	:	0.1 ~ 0.8 ohms
W	:	0.2 ~ 0.4 ohms



CALIFORNIA EMISSIONS WARRANTY

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board and Baja Motorsports (hereinafter Baja Mspt.) are pleased to explain the emission control system warranty on your small off-road engine. In California, new small off-road engines must be designed, built and equipped to meet the State's stringent anti-smog standards. Baja Mspt. must warrant the emission control system on your small off-road engine for the period of time listed below provided there has been no abuse, neglect or improper maintenance of your small off-road engine.

Your emission control system may include parts such as the carburetor, the ignition system, exhaust system. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, Baja Mspt. will repair your small off-road engine at no cost to you including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE

The 1995 and later small off-road engines are warranted for two years as specified by this California Emission Control Warranty Statement. If any emission-related part on your engine is defective, the part will be repaired or replaced by Baja Mspt.

OWNER'S WARRANTY RESPONSIBILITIES

As the small off-road engine owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Baja Mspt. recommends that you retain all receipts covering maintenance on your small off-road engine, but Baja Mspt. cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

As a small off-road engine owner, you should however be aware that Baja Mspt. may deny you warranty coverage if your small off-road engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

You are responsible for presenting your small off-road engine to a Baja Mspt. distribution center or service center as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

If you have any questions regarding your warranty rights and responsibilities, you should contact Baja Mspt., 2910 South Hardy Drive, Suite 103, Tempe, AZ 85282. Phone: (888) 863-2252.

EMISSION CONTROL SYSTEM (ECS) WARRANTY

This warranty shall apply to 1995 and later model year California small off-road engines (for other states, 1997 and later model year engines) The Emission Control System (ECS) Warranty Period shall begin on the date the new engine or equipment is delivered to its original, end-use purchaser, and shall continue for 24 consecutive months thereafter.

(1) Any warranted, emission related parts which are not scheduled for replacement as required maintenance in the Owner's manual shall be warranted for the ECS warranty period. If any such part fails during the ECS period of warranty coverage, it shall be repaired or replaced by Baja Mspt. according to Subsection 4 below. Any such part repaired or replaced under the ECS Warranty shall be warranted for any remainder of the ECS Warranty Period.

(2) Any warranted, emission related parts that are scheduled only for regular inspection as required maintenance in the Owner's manual shall be warranted for the ECS Warranty period. A statement in the written instructions to the effect of "repair or replace as necessary" will not reduce the period of ECS Warranty coverage. Any such part repaired or replaced under the ECS Warranty must be warranted for the remaining ECS warranty period.

(3) Any warranted, emission related part which is scheduled for replacement as required maintenance in the Owner's manual shall be warranted for the period of time prior to the first scheduled replacement point for that part. If the part fails prior to the first scheduled replacement, the part shall be repaired or replaced by Baja Mspt. according to Subsection 4 below. Any such emission-related part repaired or replaced shall be warranted for the remainder of the period prior to the first scheduled replacement point for the part.

(4) Repair or replacement of any warranted, emissions-related part under this ECS Warranty shall be performed at no charge to the owner at a Baja Mspt. Authorized Service Center.

(5) The owner shall not be charged for diagnostic labor which leads to the determination that a part covered by the ECS Warranty is in fact defective, provided that such diagnostic work is performed at a Baja Mspt. Authorized Service Center.

(6) Baja Mspt. shall be liable for damages to other original engine components or approved modifications proximately caused by failure under warranty of an emission-related part covered by the ECS warranty.

(7) Throughout the ECS Warranty period, Baja Mspt. shall maintain a supply of warranted emission-related parts sufficient to meet the expected demand for such emission-related parts.

(8) Any Baja Mspt. authorized and approved emission-related replacement part may be used in the performance of any ECS Warranty maintenance or repair and will be proved without charge to the owner. Such use shall not reduce Baja Mspt. ECS warranty obligations

(9) Unapproved add-on or modified parts may not be used to modify or repair a Baja Mspt. engine. Such use voids this ECS Warranty and shall be sufficient grounds for disallowing and ECS Warranty claim. Baja Mspt. shall not be liable hereunder for failures of any warranted parts of a Baja Mspt. engine caused by the use of such an unapproved add-on or modified part.

ECS Warranty Parts List

Carburetor, Air Cleaner Element, Intake Manifold, Spark Plug; Champion, Ignition coil and magneto assembly, Hose, connectors and Assemblies

Baja Motorsports

**Baja Motorsports, a division of The Godfrey Group, LLC
2910 South Hardy Drive, Suite 103 • Tempe, AZ 85282
Phone 888-863-BAJA (2252) • Fax 866-316-4602**