

READ THIS MANUAL CAREFULLY IT CONTAINS IMPORTANT SAFETY INFORMATION

# SHARK



Recommended Age:8 years old FOR OFF-ROAD USE ONLY

# Hammerhead Off-Road Warranty Policy

# **Limited Warranty for Dune Buggies Only**

Should warranty service be required on your unit during the warranty period, please contact your nearest authorized dealer for repairs.

#### **IMPORTANT!**

ALL UNITS MUST BE REGISTERED <u>WITHIN 14 DAYS</u> OF PURCHASE OR WARRANTY IS VOID. To register your product a copy of the Warranty Registration Card, Buyer Safety Agreement, and sales receipt must be forwarded to Hammerhead Off-Road. Your dealer, with your assistance, will complete and forward these items to Hammerhead Off-Road. A copy of the Warranty Registration Card and Buyer Safety Agreement is attached. It is your responsibility to confirm with your dealer within 14 days of purchase that your product has been registered. If you are unable to confirm with your dealer within 14 days of purchase that your product has been registered please contact Hammerhead Off-Road within 14 days of purchase or your warranty will be void.

#### **GENERAL WARRANTY POLICY**

Labor Warranty is covered for the first 90 days (THREE MONTHS) from the end consumer's date of purchase. Most parts covered under your warranty, except for the frame and engine, are covered for 30 or 90 days. Not all parts are covered. Contact your dealer for details or questions about a specific part. Warranty Parts are covered according to the schedule below from the end consumer's date of purchase. <u>All warranty paperwork must be received within 14 days of repair.</u>

#### WARRANTY PARTS COVERAGE

Warranty starts from the date of purchase by end consumer: FRAME: ENGINE: CARBURETOR: MUFFLER: A-ARM, SPINDLES, AXLES: ELECTRONICS: BATTERY: SPEAKERS: SPEEDOMETER: TIRES & WHEELS: FENDERS: BRAKES: CLUTCH: SEATS:

1 year 180 days 90 days 90 days 90 days 30 days

#### WHAT PARTS ARE NOT COVERED?

**GENERAL EXCLUSION:** The warranty does not cover consumable and normal wear and tear items such as, but not limited to, throttle cables, brake cables, chains, bikini tops, fasteners, air filters, brake pads, tires, oil changes, and/or problems occurring due to a lack of scheduled maintenance or consumer abuse. Modification to the vehicle, including the use of performance parts or non-original parts, will void the warranty in its entirety, unless express written approval stating that the warranty will not be voided is obtained from Hammerhead. Defective parts are

subject to recall by Hammerhead Off-Road upon failure and are required to be held by the dealer for 30 days from the time of the initial repair date.

The warranty does not cover damage or faults caused by misuse, negligence, alterations, accidents or any abnormal use including the use of 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.

**NOTICE**: All warranties are voided if the vehicle has been altered for use in racing or competition, rented, used under abnormal conditions, or subject to abuse, misuse, neglect or improper maintenance. Hammerhead Off-Road is not liable for any damage claim or liability claim, personal or otherwise resulting from operation of the vehicle in any way. All warranty parts will be shipped using UPS or Fed Ex ground ONLY. If the warranty part needs to shipped 2<sup>nd</sup> day air or shipped overnight, the ordering dealership will be responsible for all shipping fees.

**NOTICE**: Hammerhead Off-Road reserves the right to change product specifications, designs, and standard equipment without notice and without incurring obligation. These vehicles are not designed or manufactured for racing or use on rental tracks, public streets, public roads, highways, paved surfaces, or right-of-ways. Always wear an approved helmet and eye protection when riding. Always secure loose clothing and long hair. Always utilize seatbelts. Please read the operators manual before usage and go over the Buyer Safety Agreement.

# FAQ's:

#### 1. FOR WHAT REASONS CAN MY WARRANTY CLAIM BE DISPUTED OR DENIED?

Warranty can be denied because of an out of warranty date, the unit was not a Hammerhead Off-Road unit or the Warranty Registration Card was not submitted to Hammerhead Off-Road within 14 days of purchase. The warranty does not apply to any part, which in opinion of seller was defective because of improper maintenance, improper assembly, alterations, abuse, negligence, or accident. The warranty does not cover loss of use of the seller vehicle, loss of time, inconvenience, or any other consequential damage which includes, but is not limited to, loss or damage to person or property or any expense of returning any damaged units to the seller, distributor, or its authorized dealer. Also, see above.

#### 2. DOES HAMMERHEAD OFF-ROAD OFFER AN EXTENDED WARRANTY?

No, Hammerhead Off-Road does not offer any type of extended warranty.

3. IS MY KART STILL UNDER WARRANTY IF I HAVE OWNED IT FOR 1 YEAR BUT PUT ONLY 6 HOURS OF DRIVING TIME ON IT?

Warranty is base on the exact date of purchase, not based on how many hours it has been used.

# Hammerhead Off-Road Warranty Registration Form

#### **Registration Terms & Conditions:**

In order to activate the warranty, please follow the instructions below:

- 1) Make a copy of the Bill of Sale
- 2) Make a copy of Pre-Delivery Checklist
- 3) Make a copy of Buyer-Safety Agreement
- 4) Fill out warranty card and send with all above documents to:

#### Hammerhead Off-Road

Attn: Warranty Registration 1200 Lakeside Parkway Ste. 325 Flower Mound, TX 75028

Or, Fax to 214-513-1738

Or, ON-LINE at <u>www.hammerheadoffroad.com</u> under dealer's only section

| Hammerhead Off-Road Warranty Registration Card  |   |  |  |  |
|---|---|--|--|--|
| (Must be sent in with a copy of s   | ales receipt and Buyers Safety Agreement) |  |  |  |
| VIN#  | Model:                                    |  |  |  |
| Dealer Name:  |   |  |  |  |
| Dealer Address:   |   |  |  |  |
|   | State: Zip:                               |  |  |  |
| Customer Name:  |   |  |  |  |
| Customer Address:   |   |  |  |  |
| Customer City:  | State:                                    |  |  |  |
| Customer Phone:   | Email:                                    |  |  |  |
| Date of Purchase:   |   |  |  |  |
| I Certify that all information provided is true and correct to the best of my knowledge.<br>I understand the exceptions and limitations of the warranty coverage. |   |  |  |  |
| Customer Signature:   | Date:                                     |  |  |  |

## Hammerhead Buyers Safety Agreement (1/2)

- \_\_\_\_\_Always read the owner's manual carefully before riding and follow the operating procedures described in the owner's manual.
- \_\_\_\_\_Pay close attention to all warnings contained in the manual and on all labels.
- \_\_\_\_\_These vehicles are designed for riders of ages 5 through 8 for 50cc, 9 through 15 for 80cc, 16 and older for 150cc, 18 and older for 250cc, 400cc, 500cc.
- \_\_\_\_Both the parent and the child must fully understand everything in the owners manual before riding.
- \_\_\_\_\_Always wear a helmet, face shield, boots, gloves, and protective clothing while riding.
- \_\_\_\_Beginners should receive training from a certified instructor.
- \_\_\_\_\_It is illegal to ride this vehicle on public roads or highways.
- \_\_\_\_\_Do not allow your child to ride without supervision.
- \_\_\_\_\_Do not ride under the influence of drugs or alcohol. They can affect your judgment and slow your reaction time.
- \_\_\_\_\_Always maintain a safe distance between your vehicle and vehicles around you.
- \_\_\_\_\_Never ride this vehicle unless it has been properly adjusted and maintained.
- \_\_\_\_Never run the engine in closed areas. The exhaust gas contains poisonous carbon monoxide.
- \_\_\_\_\_Do not touch any part of the engine, muffler, or the exhaust system during or immediately after operation of the vehicle.
- \_\_\_\_\_Always check for obstacles before operating in a new area.
- \_\_\_\_\_It is highly recommended that this vehicle should not be driven at night or during dark periods

- \_\_\_\_\_Never attempt to operate over large obstacles, such as large rocks, or fallen trees. Always follow proper procedures when operating over obstacles as described in this manual.

# Hammerhead Buyers Safety Agreement (2/2)

- Always be careful when skidding or sliding. On extremely slippery surfaces such as ice, go slow and be very cautious in order to reduce the chance of skidding or sliding out of control.
- \_\_\_\_Never do wheelies, jumps or any stunts.
- \_\_\_\_\_Never operate the vehicle in fast flowing water. Remember that wet brakes may reduce your stopping ability. Test your brakes after leaving the water. If necessary, apply those several times to let friction dry out the linings.
- \_\_\_\_\_Always use the size and type of tires specified in this manual. Always maintain proper

tire pressure as described in this manual.

- \_\_\_\_\_All modifications to this vehicle should be made by a qualified mechanic. Modification to the vehicle, including the use of performance parts or non-original parts, will void the warranty in its entirety, unless express written approval stating that the warranty will not be voided is obtained from Hammerhead.
- \_\_\_\_\_When transporting the machine in another vehicle, be sure that it is kept upright and that the fuel cock is in the "off" position. Otherwise, fuel may leak out of the carburetor or the fuel tank.
- \_\_\_\_\_Always follow the break-in-period as described in the owner's manual. Not following the break-in period will void the engine warranty.
- \_\_\_\_\_Always clean the air filter as described in the owner's manual. Improper maintenance of the air filter will void the engine warranty.

Failure to follow all warnings and unsupervised or irresponsible operation can cause serious injury or death. By initialing each item on the above checklist, I have indicated my complete understanding of these points, and I acknowledge my responsibilities regarding the contents. I also agree to explain the points on this checklist to anyone besides myself who will be operating the vehicle now and/or in the future.

| Dealer's Signature | Buyer's Signature  |  |  |  |
|--------------------|--------------------|--|--|--|
| Print Store Name   | Print Buyer's Name |  |  |  |
| Date               | Date               |  |  |  |
| VIN Number         | Model              |  |  |  |

# OWNER'S MANUAL

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Thank you for purchasing our MINI Shark-kart .We hope you will enjoy it. before you start to operate the MINI Shark-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.

Be sure to follow the recommended maintenance schedule and service your MINI Shark-kart accordingly. Preventive maintenance is extremely important to the longevity of your MINI Shark-kart.

Beginners should seek instruction from your dealer or qualified instructors before and during initial use of the MINI Shark-kart. It is also recommended to practice in a large open area to familiarize yourself with operations of this MINI Shark-kart.

We hope you will have a pleasant experience with our products and thank you again for choosing our MINI Shark-kart.

#### Keep away from moving parts of the MINI Shark-kart

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

#### **Skidding or sliding**

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 all directional control. To avoid skidding on slippery terrain, keep you speed low and drive carefully

#### Hold on to the wheel

Driving without holding on to the steering wheel is very dangerous.

Always drive it at a safe speed, depending on the situation.

Driving down a slope too fast may result in the MINI Shark-kart overturning

A wet road prolongs the stopping distance of your vehicle. Therefore always take care that you only drive at a speed at which you are able to stop in time.

Going downhill requires a longer brake path.

Taking sharp turns at a high speed also may cause the MINI Shark-kart to overturn

#### 2.5 SAFETY LABELS

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

The labels should be considered permanent parts of the MINI Shark-kart. If a label comes off or becomes hard to read, contact your dealer for a replacement.



# A WARNING



This vehicle is not to be operated by anyone under 8 years of age. A speed reduction kit is available for this vehicle. HOT SURFACES Surfaces around the engine and exhaust can be extremely hot. Allow surfaces to cool before servicing.

#### 2.6 SAFE DRIVING PRECAUTION

#### **Off Road Use Only**

The MINI Shark-kart and its tires are designed and manufactured for off-road use only, not for pavement. Driving on pavement can affect handling and control. Your youngster should not drive the MINI Shark-kart 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.

#### **Keep Hands and Feet on Controls**

When driving your MINI Shark-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 MINI Shark-kart Removing hands or feet away from the controls can reduce your ability to react and control the MINI Shark-kart.



#### Hot components

Show your youngster the engine, exhaust pipe, and muffler tell him or her not to touch these parts because they are hot while the engine is running. Explain that they will remain hot after the engine is stopped. Also explain that hands and feet must be kept away from moving parts of MINI Shark-kart

#### Inspection

Your youngster's safety depends in part on the condition of the MINI Shark-kart. Be sure to inspect it before each use. Starting and refueling of the vehicle should be done by responsible adults only. Follow a regular maintenance program.

#### Adult supervision

Even after young drivers have learned the basic driving skills, direct supervision by an experienced adult is necessary at all times make sure that all MINI Shark-kart users under you supervision get proper driving instructions. Follow safety precautions strictly to provide a "safty first" approach to MINI Shark-kart driving. Teaching your youngster how to drive MINI Shark-kart

safety will increase the enjoyment of MINI Shark-kart driving.

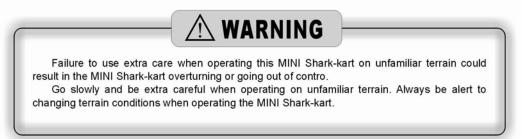
#### **Control Speed**

Driving at excessive speed increases the chances of an accident .In choosing an appropriate speed, you need to consider the capability of your MINI Shark-kart, the terrain, visibility and other operating conditions, plus your own skill and experience



#### Use MINI SHARK-KART on Unfamiliar or Rough Terrain

Before letting your youngster drive in a new area, always check the terrain thoroughly. Don't leave them drive fast on unfamiliar terrain or when visibility is limited (watch out for obstructions like hidden rocks, bumps, or holes).



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



#### **Do not Perform Stunts**

Your youngster should always operate their MINI Shark-kart in a safe and reasonable manner. When driving, they should always keep all four wheels on the Ground.



Before the MINI Shark-kart is driven for the first time, we urge you to:

Read this owner's manual and the labels on your MINI Shark-kart carefully.

Make sure you understand all the safety messages.

Know how to operate all the controls and that your youngster has been taught and understands how to operate all the controls.

Before each drive, be sure your youngster:

feel well and is in good physical and mental condition.

is wearing an approved motorcycle helmet (with chin strap tightened securely), eye protection, and other protective clothing.

don't have any alcohol or drugs in your system.

Wear their seat belt at all the times while driving the MINI Shark-kart



To parents: additional signs of physical readiness can be observed in your youngster's other play activities. In general, a youngster should be well-coordinated and have good balance. This cordination can be demonstrated by the abilities such as using a skipping, jumping rope, skates, a skateboard, riding a bicycle, etc. if a youngster cannot perform well in these types of activities, more physical development is required.



To parents: one indicator that youngsters are ready to drive a MINI Shark-kart is when they show a safety-conscious attitude and are aware of the dangers of MINI Shark-kart operation.

If the youngster has a habit of rashness or is involved in accidents often while using a bicycle or skateboard, the youngster is not ready to drive this MINI Shark-kart.

A: following questions can help PAPENTS further pinpoint whether youngster is ready to drive:

1. can youngster place his or her feet firmly, easily on the foot pedal?

2 Can youngster's hands reach the steering wheel comfortably? Can your youngster operate the steering wheel?

3. Can your youngster push the foot pedal brake downward with enough strength?

4. Does your youngster understand the controls of the MINI Shark-kart?

PREDRIVE INSPECTION(TO Parents)

Before you contiue:

1. Have you determined your youngster's readiness to drive this MINI Shark-kart? Do not let your youngster drive if you have any doubt.

2. Have you read this manual and reviewed it with your youngster?

3. Have you inspected the vehicle and maintained it according to this manual?

4. Is your youngster wearing the proper protective gear?

5. Has your youngster learned to locate the MINI Shark-kart controls without help? Does he or she know how to operate them smoothly?

6. Does your youngster understand he or she must always drive off-road?

7. Have you stressed to your youngster the importance of keeping his or her feet on the foot pedals and their hands on the steering wheel.

B. Practicing area(to parents)

The best place for learning is a level area 100'x200' that is free from obstacles such as rocks, stumps, or holes. The learning area may have a loose or hard dirt surface. A grassy surface is also acceptable. It should not have two different surfaces. Be sure there is enough room to maneuver, and that no other drivers are close by.

C. Getting used to the vehicle in motion(to parents)

Getting the feel on foot pedal brake:be sure your youngster is wearing all of the proper protective gear. With the engine still OFF, have your youngster go inside MINI Shark-kart. If you physically can, push the vehicle slowly. Have your youngster brake to feel how mush pressure is needed for a smooth stop. Practice this several times until you are sure this skill is developed. Remind your youngster to keep his or her head up and look forward and to keep both feet on foot pedals.

Getting the feel on the foot pedal throttle control: with the engine off, have your youngster practice smoothly moving the foot pedal throttle control. Your youngster will learn how much pressure it takes to start moving in a later exercise.

Explain that pushing the throttle will increase speed. Releasing the throttle and applying the brake will slow kart down .ask your youngster to tell you how throttle control and applying the braking affect kart's speed.

Getting the feel on turning: first with MINI Shark-kart stopped and engine OFF, look in the direction of the turn, turn steering wheel in the direction of the turn ,repeat this exercise while you are slowly pushing your youngster on MINI Shark-kart. Make sure he or she can turn the vehicle in both directions using this technique.

The MINI Shark-kart may continue to roll for some distance. Watch the distance must be included in the stopping space of MINI Shark-kart and that this distance may increase with speed.

# **IS YOUR VEHICLE READY TO DRIVE?**

#### **Pre-drive Inspection**

Check the following items before you get on the MINI Shark-kart:

#### Engine oil

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

#### Fuel

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

#### Seat belt

Make sure seat belt is fastened and locking latch is working.

#### DIMENSIONS

| OverallLength   | 1485mm      |
|-----------------|-------------|
| OverallWidth    | •••••914mm  |
| OverallHeight   | 1092mm      |
| Wheelbase       | ·····1060mm |
| FrontTrack      | •••••812mm  |
| RearTrack·····  | 711mm       |
| GroundClearance |             |

#### ENGINE

| TypeSingle, Forced air-cooled. 4-Stroke |
|---|
| Bore/Stroke······68mmX45mm              |
| CorrectedCompressionratio 8.5:1         |
| Carburator ·····RX                      |
| OutputPower·····5.5H.P/3600rpm          |
| MaximumTorque·····8.0ft-lbs/5500rpm     |
| Startingpull start backup               |
| Ignition ······C.D.I                    |
| Lubrication ······Force & Splash        |
| Transmission                            |
| SparkplugBPR6ES(NGK)                    |
| FuelType·····RQ90(unleaded)             |
| Lubricate oil·····SG15W-40              |

#### CAPACITIES

| Maximum load ······ | Double Seats/ 166 Lbs |
|---------------------|-----------------------|
| Fuel tank           | 0.6L                  |
| Engine oil·····     | 30z                   |
| Starting ·····      | <5s                   |

# **SPECIFICATIONS**

| Brake Track······ < | 7m@10miles/h      |
|---------------------|-------------------|
| Top speed           | ustomers require) |

#### CHASSIS

| Rear brake ····· disc                               |
|---|
| Front tire  |
| Read tire 25*10-12                                  |
| Front Suspension ······Independent Dual A-Arm       |
| Read Suspension Swing Arm/ Double Oil Damped Shocks |
| Restraint System ·····Dual 2-point harness          |

#### TIRE PRESSURE

| Front15kPa | 0.15kgf/cm2 | 2.2psi |
|------------|-------------|--------|
| Rear20kPa  | 0.20kgf/cm2 | 2.9psi |

#### WEIGHT

| Net Weight   | 76Kg |
|--------------|------|
| Gross Weight | 91Kg |

#### **A.Operation controls**

Warning: Don't attempt to operate the engine until completely familiar with the location and use of each control necessary to operate this vehicle. Your youngster must know how to stop this machine before starting and driving it.

#### a. Throttle

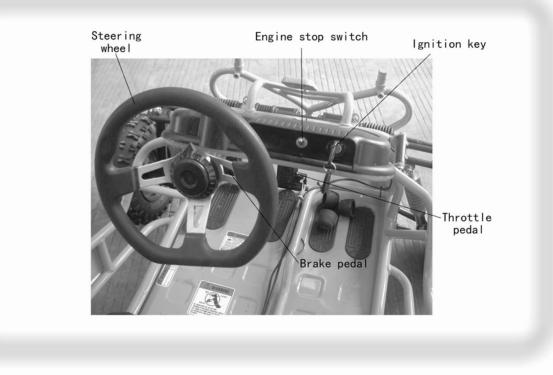
The right foot pedal is the throttle that controls the MINI Shark-kart speed. As the angine speed increased above idle, the clutch automatically engages and moves the vehicle forward. To disengage the clutch at any time, allow the throttle to return to the idle position.(see Fig. 1)



Each time prior to starting 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 idea. 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 MINI Shark-kart. Applying pressure to the pedal draws the brake caliper around the brake disc at the rear wheel and slowly stops the MINI Shark-kart.



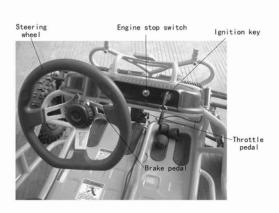
#### c. Start the engine in three ways:

You can start the engine by turning on the key switch from dash board. Pluging in the key  $\square \square \square \square \square$  And turn to the right. Engine stop switch to "ON", Pull the start rope on the engine to start the engine .

#### NOTE: Make sure your key is turned to the running position.

#### d. Engine stop switch

To stop the engine, switch off the engine stop switch, and hold turn the ignition key to the off position and remove the key.









choke handle



Engine oil plug.cover

pull start

#### Adjustment the Shock spring

To change the setting of the shocks from hard to soft is easy, you will need to get a wrench at your local hardware store. Take your wrench and on the shock marked(A)you will see notches made for the wrench to hold on to. By turning the wrench left or right like (B)or(C) you can adjust the shock setting as you wish. Adjust the spring all the way to the left will give you a harder ride. If you wish to soften the ride then go all the way to right. Your kart has been fitted with two front shocks and two rear shocks so that you may tune your kart ride to best suit your riding comfort.

#### Adjusting the throttle and brake cable

To adjust the throttle cable or the brake cable on your kart you need to first untighten the nut marked(A)and (B). Once you have done this, pull back on the cable housing marked(C)to pull out the cable. Tighten nuts(B)and(A) to secure the slack in position. Try the pedals and make sure you are getting a good pulling from the cable it self. Once you are satisfied with the adjustment, secure all nuts to complete the adjustment.

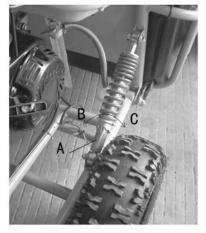
#### Adjusting the foot pedals

This MINI kart has been made with foot pedals that can be moved so your child can grow with the MINI kart. First remove the bolts(A)and(D)in figure 6and 7. once you have done this, you are able to move the cable holder and the pedal rod with the pedals together. The 1 or 2 hole is for the pedal rod alternative positions, (B)or(C)hole is for the cable holder. There is only one bolt that holds the pedal rod in place. On the brake pedal side there is a slot for the pedal rod to fit into, once you have picked out the holes for setting, just slide the pedal rod and cable holder together and repeat the same steps to fasten all bolts and nuts. Remember not to take pedals off the rod. By doing so your spring can become loose. Make sure after you have done the adjustment, the pedals are working and will return to its original position..









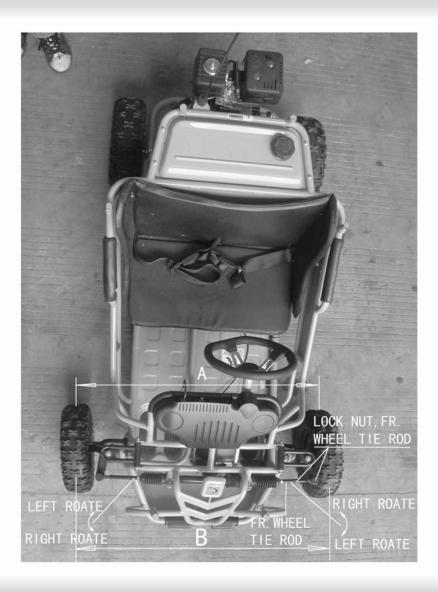


#### **Front Wheel Alignment**

a. The front wheels should toe-in from 1/8 to 1/4 inch. 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 to 1/4 inch 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 dimension for proper alignment.



# PERIODICAL CHECK AND SERVICES

The maintenance intervals in the following table arc based upon average driving conditions driving in unusually dusty area requires more frequent servicing.

| REO<br>ITEM<br>Perform at every indicated<br>Month or operating hour into<br>Whichever comes first. | GULAR SERVICE         | E PERIOD         | Each<br>use                          | First<br>month<br>or<br>20 hrs. | Every<br>3month<br>or<br>50 hrs. | Every<br>6 month<br>or<br>100 hrs. | Every<br>year<br>or<br>300 hrs. |
|---|-----------------------|------------------|--------------------------------------|---------------------------------|----------------------------------|------------------------------------|---------------------------------|
| •   | Engine oil            | Check            | 0                                    |                                 |                                  |                                    |                                 |
| 187   |                       | Replace          |                                      | 0                               |                                  | 0                                  |                                 |
|   | Air Filter            | Check            | 0                                    |                                 | O(1)                             |                                    |                                 |
|   | Air Filter            | Replace          |                                      |                                 |                                  |                                    | **                              |
|   |                       | Check-           |                                      |                                 |                                  | 0                                  |                                 |
| Spark plug  | Replace               |                  |                                      |                                 |                                  | 0                                  |                                 |
| •   | Spark<br>arrester     | Clean            |                                      |                                 |                                  | 0                                  |                                 |
| •   | Idle speed            | Check-<br>adjust |                                      |                                 |                                  |                                    | 0                               |
| •   | Valve clearance       | Check-<br>adjust |                                      |                                 |                                  |                                    | 0                               |
| •   | Combustion chamber    | Clean            | After every 500 hrs                  |                                 |                                  |                                    |                                 |
| •   | Fuel tank<br>strainer | Clean            |                                      |                                 |                                  | 0                                  |                                 |
| •   | Fuel tube             | Check            | Every 2 years (Replace if necessary) |                                 |                                  |                                    | y)                              |

#### **CAUTION:**

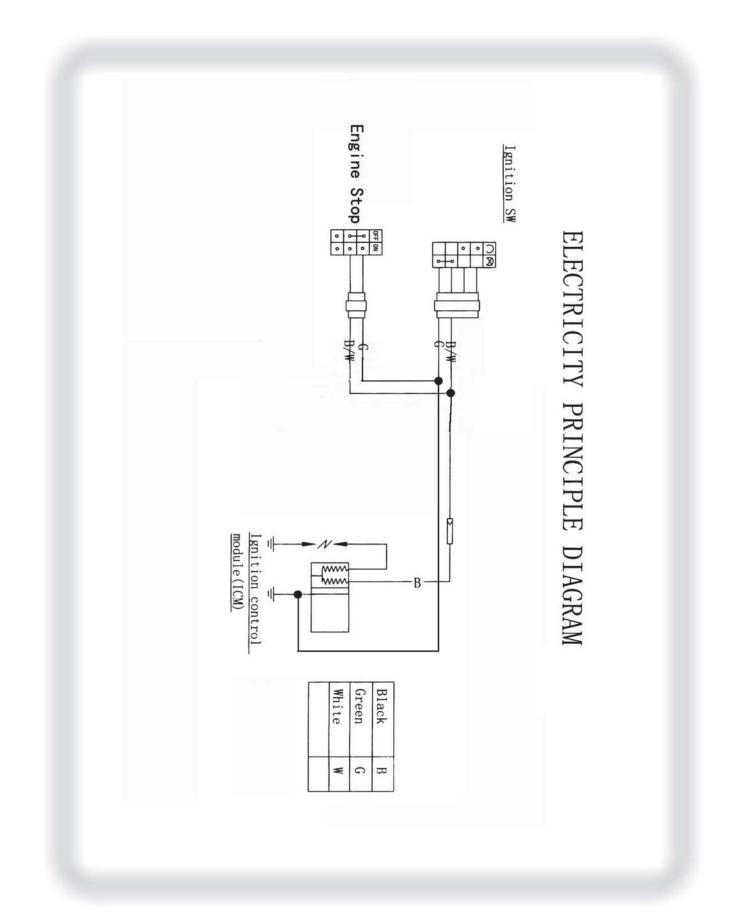
• Emission- rated items.

\* Internal vent carburettor with dual element type only.(Cyclone type every 6 months or 150 hours.)

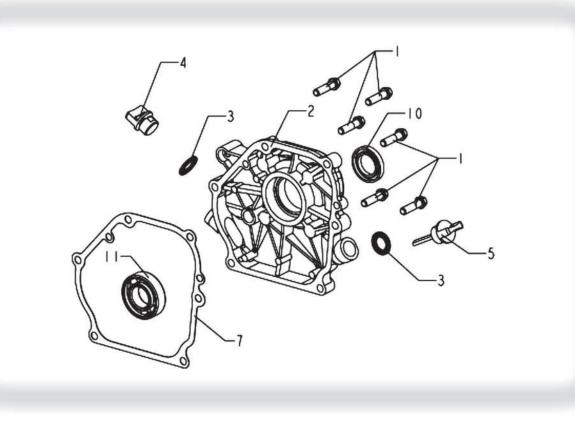
\*\* Replace paper element type only.

(1): For commercial use, log hours of operation to determine proper maintenance intervals.

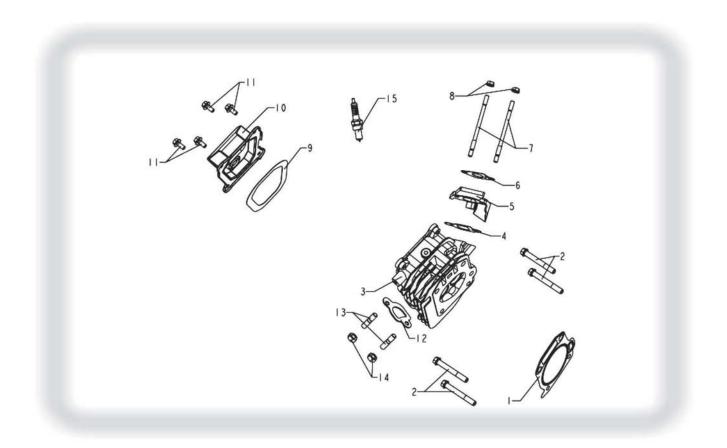
# WIRING DIAGRAM



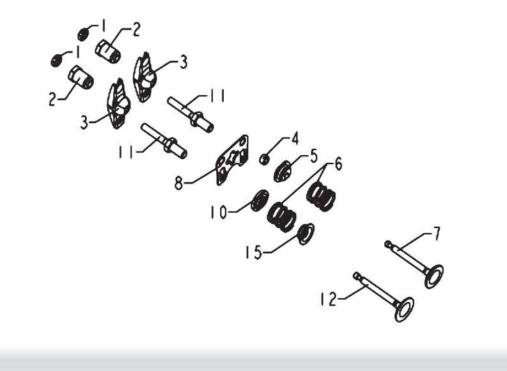
# PARTS MANUAL



| REF NO. | PART NO.     | DESCRIPTION             | Qty. |
|---------|--------------|-------------------------|------|
| (1)     | 26001K07F000 | CRANKCASEASSY           | 1    |
| 1       | B01070803264 | Bolt M8X30              | 6    |
| 2       | 14132K07F000 | Cover,Crankcase         | 1    |
| 3       | 26132K07F000 | Waasher,Seal            | 2    |
| 4       | 14216K07F000 | Guage,Engine Oil        | 1    |
| 5       | 26131K07F000 | Cover, Supply Oil Mouth | 1    |
| 6       | 26218J01F000 | Guide,Dowel             | 2    |
| 7       | 26201K07F000 | Spacer, Crankcase       | 1    |
| 8       | 26133K07F000 | Oilseal Assy            | 2    |
| 9       | B12016600553 | Bearing                 | 2    |
| 10      | 26204L01F000 | Spacer, Drain Plug      | 2    |
| 11      | 26202L01F000 | Drain Plug              | 1    |
| 12      | 26001K07F000 | Crankcase Assy          | 1    |
| 13      | B01090602564 | Bolt M6X25              | 1    |
| 14      | 26208J01F000 | Guide,Dowel             | 2    |

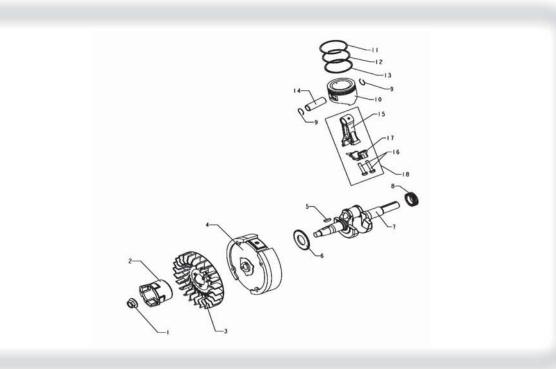


| CRANKCASE ASSY |              |                            |      |
|----------------|--------------|----------------------------|------|
| REF NO.        | PART NO.     | DESCRIPTION                | Qty. |
| (2)            | 30500K14F000 | CYLINDER HEAD ASSY         | 1    |
| 1              | 30707K07F000 | Spacer Assy, Cylinder Head | 1    |
| 2              | B01070806064 | Bolt M8X60, Cylinder Head  | 4    |
| 3              | 30730K07F000 | Cylinder Head              | 1    |
| 4              | 30715K07F001 | Spacer 1                   | 1    |
| 5              | 30516K07F000 | Mattress, Heat Insulating  | 1    |
| 6              | 30715K07F000 | Spacer 2                   | 1    |
| 7              | 30520K07F000 | Bolt,Intake Pipe           | 2    |
| 8              | B04070610064 | Nut M6                     | 2    |
| 9              | 30702K07F000 | Spacer, Seal               | 1    |
| 10             | 168020010700 | Clipboard                  | 1    |
| 11             | B01090601464 | Bolt M6X14                 | 4    |
| 12             | 36101K07F000 | Spacer, Exhaust Pipe       | 1    |
| 13             | 30521K07F000 | Bolt, Exhaust Pipe         | 2    |
| 14             | B04000812564 | Nut M8                     | 2    |
| 15             | 30506G15F910 | Spark Plug                 | 1    |

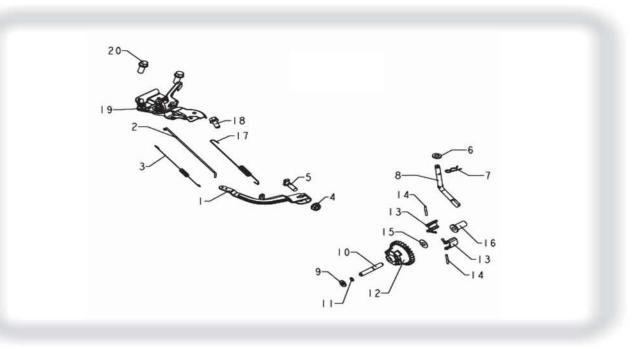


| REF NO. | PART NO.     | DESCRIPTION                         | Qty. |
|---------|--------------|-------------------------------------|------|
| (3)     | 27000K07F000 | INTAKE EXHAUST MECHANISM ASSY       | 1    |
| 1       | 30302L01F000 | Adjusting? Nut, Valve Clearance     | 1    |
| 2       | 30313Q01F000 | Buttonhead,Arm                      | 4    |
| 3       | 30301K07F000 | Arm                                 | 1    |
| 4       | 30214K07F000 | Cap,Exhaust Door Rod                | 1    |
| 5       | 30203K07F000 | Upper Retainer, Exhaust Door Spring | 1    |
| 6       | 30101K07F930 | Spring, Valve                       | 1    |
| 7       | 30201K07F000 | Valve,Exhaust                       | 2    |
| 8       | 30231K07F000 | Guide Plate, Connecting Stud        | 2    |
| 9       | 30230K07F000 | Rod,Connecting                      | 1    |
| 10      | 30106K07F000 | Upper Retainer,Intake Door Spring   | 1    |
| 11      | 30303Q01F930 | Adjusting Stud, Valve Clearance     | 4    |
| 12      | 30103K07F000 | Valve,Intake                        | 1    |
| 13      | 30312K07F000 | Stud, Connecting                    | 2    |
| 14      | 30400K07F000 | Camshaft                            | 2    |
| 15      | 30104K07F000 | Oilseal, Valve                      | 1    |

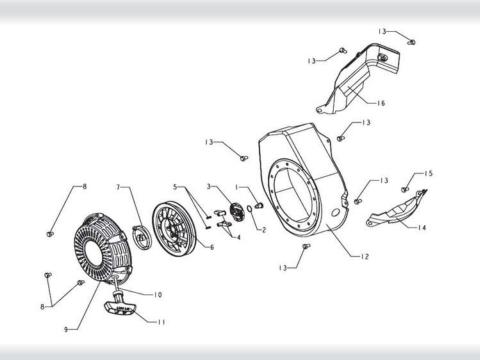
# ENGINE



| BRANCE FLYING WHEEL |              |                         |      |
|---------------------|--------------|-------------------------|------|
| REF NO.             | PART NO.     | DESCRIPTION             | Qty. |
| (4)                 | 15000K07F000 | BRANCE FLYING WHEEL     | 1    |
| 1                   | 15230K07F000 | Nut,Clamp               | 1    |
| 2                   | 17403K07F000 | Ratchet Wheel           | 1    |
| 3                   | 34381K07F000 | Fan                     | 1    |
| 4                   | 34309K07F000 | Flying Wheel            | 1    |
| 5                   | 15116Q01F000 | Key                     | 1    |
| 6                   | 15250K07F000 | Driven Gear, Adjusting  | 1    |
| 7                   | 168QDJ04-07C | Brance                  | 1    |
| 8                   | 15232K07F000 | Gear, Crankshaft Timing | 1    |
| 9                   | 15106K07F000 | Circlip, Piston Pin     | 2    |
| 10                  | 15100K07F000 | Piston                  | 1    |
| 11                  | 15103K07F000 | Ring,First              | 1    |
| 12                  | 15104K07F000 | Ring,Second             | 1    |
| 13                  | 15300K07F000 | Oil Ring Assy           | 1    |
| 14                  | 15105K07FF10 | Pin,piston              | 1    |
| 15                  | 15131K07F000 | Rod,Connecting          | 1    |
| 16                  | 15133L01F000 | Bolt, Connecting Rod    | 2    |
| 17                  | 15132K07F000 | Cover, Connecting Rod   | 1    |
| 18                  | 15130K07F000 | Connecting Rod Assy     | 1    |

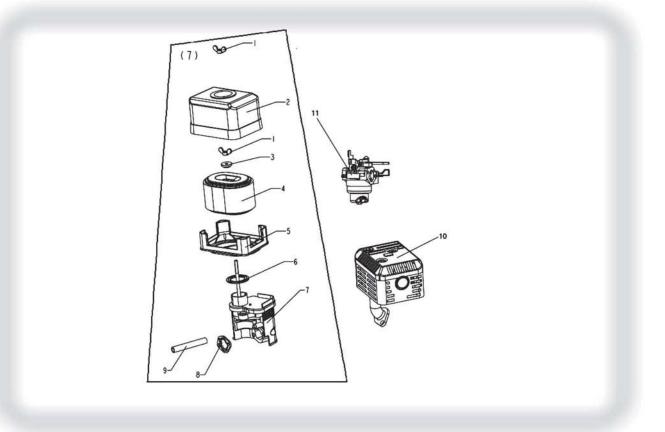


| REF NO. | PART NO.      | DESCRIPTION                 | Qty. |
|---------|---------------|-----------------------------|------|
| (5)     |               | CENTRIFUGAL ADJUSTMENT ASSY | 1    |
| 1       | 17581K07F000  | Arm                         | 1    |
| 2       | 17594K07F000  | Rod Tension                 | 1    |
| 3       | 17593K07F000  | Spring 2, Tension           | 1    |
| 4       | B04070610064  | Nut M6                      | 1    |
| 5       | 17589Q01F920  | Bolt,Square                 | 1    |
| 6       | 17585K07F000  | Spacer 2                    | 1    |
| 7       | 17590Q01F000  | Circlip                     | 1    |
| 8       | 17582K07F000  | Fork                        | 1    |
| 9       | 17584L01F000  | Spacer 1                    | 1    |
| 10      | 17627K07F000  | Pin                         | 1    |
| 11      | 26146L01F000  | Circlip                     | 1    |
| 12      | 17587K07F000  | Adjustment, Centrifugal     | 1    |
| 13      | 17588K07F000  | Block, Centrifugal          | 2    |
| 14      | 17591K07F000  | Pin                         | 2    |
| 15      | 17586K07F000  | Spacer 3                    | 1    |
| 16      | 17583K07F000  | Cover, Push Rod             | 1    |
| 17      | 168FJH7.03-01 | Spring 1, Tension           | 1    |
| 18      | B01090601064  | Bolt M6X10                  | 2    |
| 19      | 17550K42F000  | Handle Assy                 | 1    |
| 20      | B01090602064  | Bolt M6X25                  | 1    |

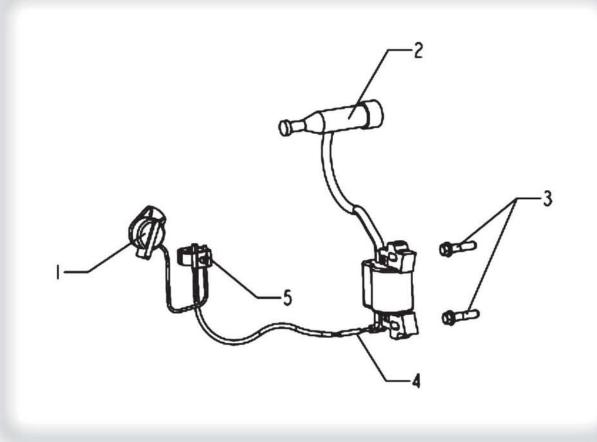


| STARTING SETS |              |                     |      |
|---------------|--------------|---------------------|------|
| REF NO.       | PART NO.     | DESCRIPTION         | Qty. |
| (6)           | 17150K07F000 | STARTING SETS       | 1    |
| 1             | 17180K07F000 | Screw               | 1    |
| 2             | 17156K07F000 | Circlip             | 1    |
| 3             | 17157K07F000 | Plate Guide         | 1    |
| 4             | 17158K07F000 | Block Clutch        | 2    |
| 5             | 17162K07F000 | Spring, Pressure    | 2    |
| 6             | 17155K07F000 | Table, Rotary       | 1    |
| 7             | 17152K07F000 | Spring, Turbination | 1    |
| 8             | B01090608064 | Bolt M6X8           | 3    |
| 9             | 17170K07F000 | Cover,Starting      | 1    |
| 10            | 17160K07F000 | Rope,Strating       | 1    |
| 11            | 17159K07F000 | Handle              | 1    |
| 12            | 17187K07F000 | Cowling             | 1    |
| 13            | B01090601064 | Bolt M6X10          | 6    |
| 14            | 17176K07F000 | Plate 1 Driversion  | 1    |
| 15            | B01090601464 | Bolt M6X14          | 1    |
| 16            | 17178K07F001 | Plate 2 Driversion  | 1    |

FIG.7

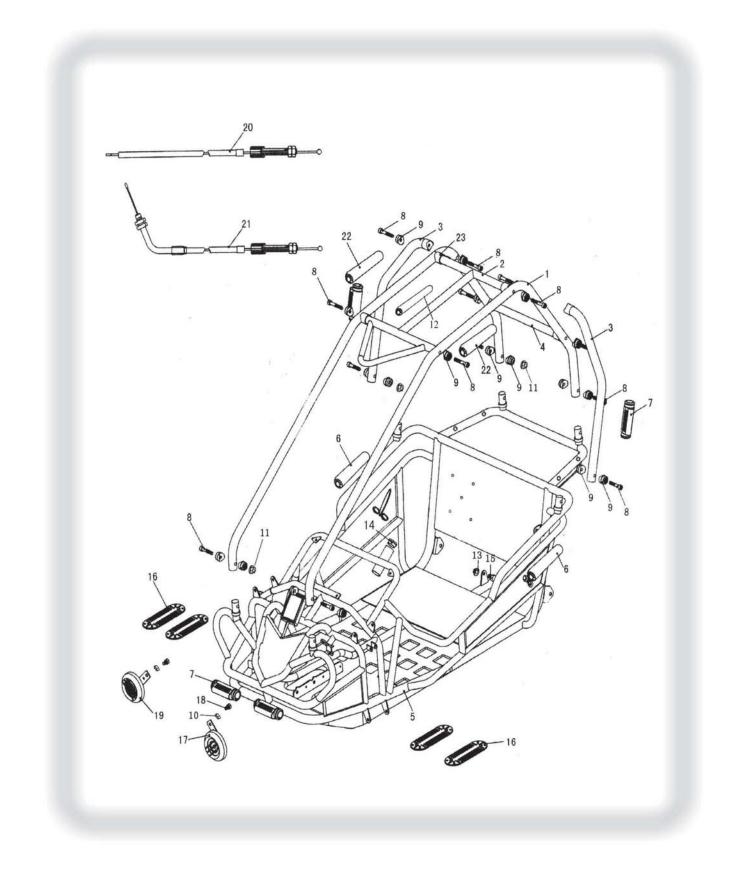


| REF NO. | PART NO.      | DESCRIPTION       | Qty. |
|---------|---------------|-------------------|------|
| (7)     | 168QDJ.07B    | AIR CLEANER ASSY  | 1    |
| 1       | B04030600040  | Nut M6            | 2    |
| 2       | 168QDJ.07-04B | Cover, Filtering  | 1    |
| 3       | 168030100100  | Seal              | 1    |
| 4       | 168030010900  | Core,Filtering    | 1    |
| 5       | 168032270300  | Bracket,Filtering | 1    |
| 6       | 168030100200  | Seal              | 1    |
| 7       | 168QDJ.07.01  | Cover, Upper Body | 1    |
| 8       | 37113K07F000  | Seal, Air Cleaner | 1    |
| 9       | 26400K07F000  | Colloid Pipe      | 1    |
| 10      | 36000K07F000  | MUFFLER ASSY      | 1    |
| 11      | 32500K07F000  | CARBURETOR ASSY   | 1    |



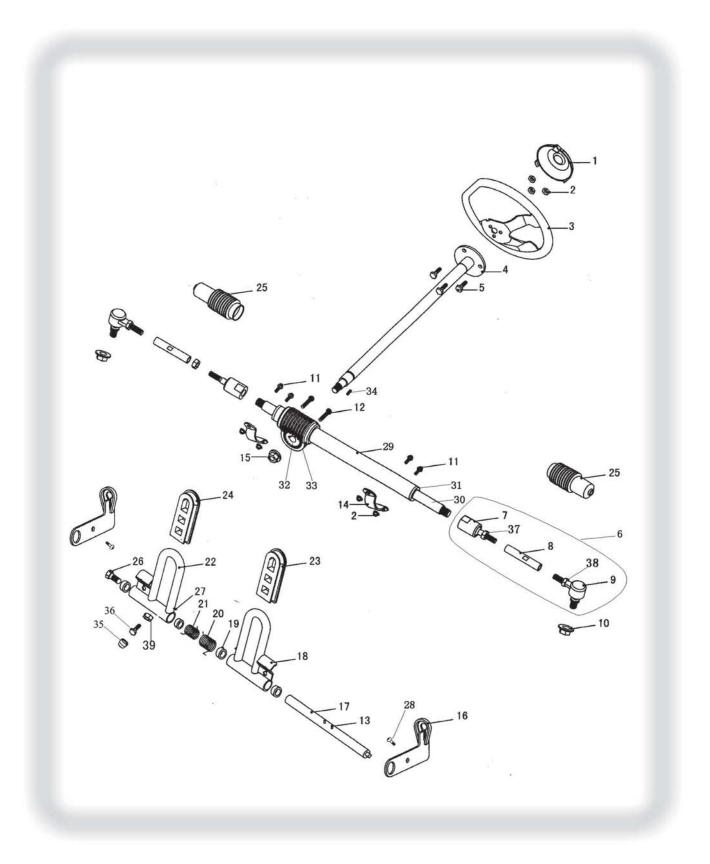
| SWITCH ASSY IGNITION |              |                          |      |
|----------------------|--------------|--------------------------|------|
| REF NO.              | PART NO.     | DESCRIPTION              | Qty. |
| (8)                  | 168FJH-3.08  | Switch Assy, Ignition    | 1    |
| 1                    | 34500K14F000 | Switch Assy, Engine stop | 1    |
| 2                    | 34350K07F000 | Winding Assy             | 1    |
| 3                    | B01090602563 | Bolt M6X25               | 2    |
| 4                    | 34361K42F000 | Connecting Wire Assy     | 1    |
| 5                    | 17558K14F000 | Clip                     | 1    |

#### **FRAME GROUP**



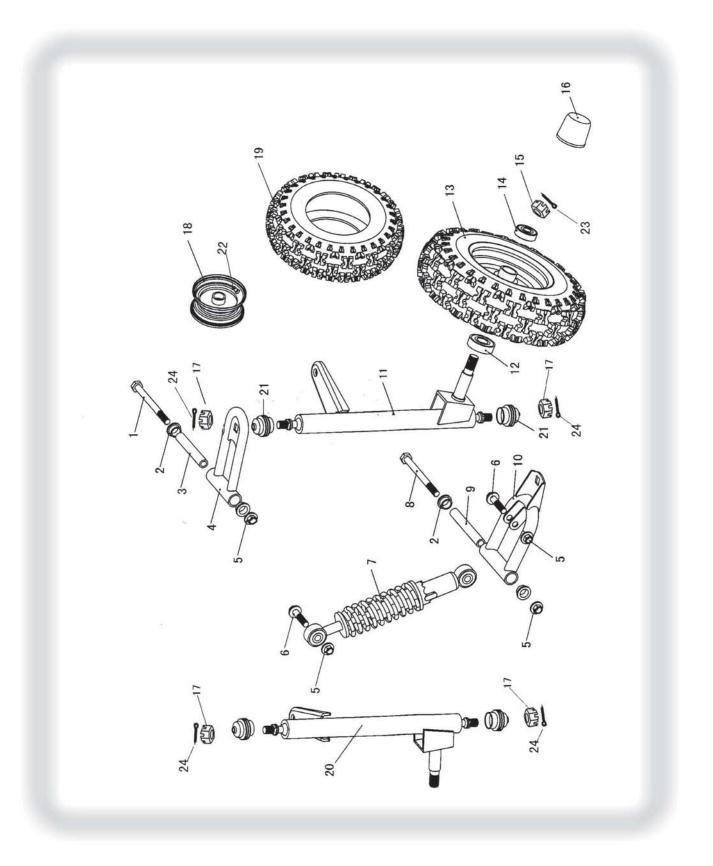
| FIG.12 FRAME GROUP |              |                                 |      |
|--------------------|--------------|---------------------------------|------|
| REF NO.            | PART NO.     | DESCRIPTION                     | Qty. |
| 12-1               | 8.070.045-BK | CUSTOM BAR CAGE. Black          | 2    |
| 12-2               | 6.000.194-BK | CUSTOM CROSS BAR TOP, FR. Black | 1    |
| 12-3               | 8.070.046-BK | CUSTOM J-BAR, L.R. SIDE Black   | 2    |
| 12-4               | 8.080.041-BK | CUSTOM CROSS BAR, RR. Black     | 1    |
| 12-5               | 2.000.037    | FRAME COMP. (R.S.Y, P)          | 1    |
| 12-6               | 6.000.189    | FOAM PADDING —22                | 2    |
| 12-7               | 7.020.048    | RUBBER PROTECTOR                | 4    |
| 12-8               | 9.129.845    | ALLEN HEAD BOLT M8×1.25×45      | 14   |
| 12-9               | 7.010.049    | R-WASHER                        | 20   |
| 12-10              | 9.200.008    | NUT M8X1.25                     | 2    |
| 12-11              | 9.220.008    | NUT M8X1.25                     | 6    |
| 12-12              | 6.000.191    | FOAM PADDING                    | 1    |
| 12-13              | 9.220.010    | LOCKING FLANGE NUT, M10         | 1    |
| 12-14              | 7.010.006    | STEERING SHAFT BUSH             | 1    |
| 12-15              | 9.110.016    | ALLEN HEAD BOLT M10×1.25×16     | 1    |
| 12-16              | 7.020.045    | RUBBER FOOT PLATE               | 4    |
| 12-17              | 6.000.135    | HORN, H                         | 1    |
| 12-18              | 9.129.816    | FLANGE BOLT M8×1.25×16          | 2    |
| 12-19              | 6.000.136    | HORN, L                         | 1    |
| 12-20              | 6.030.132    | THROTTLE CABLE COMP.            | 1    |
| 12-21              | 6.000.133    | BRAKE CABLE COMP.               | 1    |
| 12-22              | 6.000.190    | FOAM PADDING -30                | 2    |
| 12-23              | 7.010.045    | CUSTOM BAR CAGE CAP             | 8    |

#### STEERING SHAFT ASSY.



| REF NO. | PART NO.   | DESCRIPTION                     | Qty. |
|---------|------------|---------------------------------|------|
| 13-1    | 7.010.056  | STEERING BOLT COVER             | 1    |
| 13-2    | 9.210.006  | LOCKING NYLON NUT M6            | 7    |
| 13-3    | 7.020.057  | STEERING WHEEL                  | 1    |
| 13-4    | 4.000.023  | STEERING SHAFT                  | 1    |
| 13-5    | 9.100.616  | BOLT, M6×16                     | 3    |
| 13-6    | 14-1000-00 | TIE ROD ASSY                    | 2    |
| 13-7    | 6.000.180  | STEERING BALL JOINT             | 2    |
| 13-8    | 8.010.135  | TIE ROD                         | 2    |
| 13-9    | 6.000.181  | ROD END                         | 2    |
| 13-10   | 9.210.008  | LOCKING NYLON NUT M8            | 2    |
| 13-11   | 9.106.020  | FLANGE BOLT, M6×20              | 4    |
| 13-12   | 9.100.512  | BOLT, M5×12                     | 2    |
| 13-13   | 9.500.008  | ROLL PIN $\Phi 3 \times 20$     | 2    |
| 13-14   | 8.020.130  | STEERING GEAR BRACKET.          | 2    |
| 13-15   | 9.220.010  | LOCKING NUT M10                 | 1    |
| 13-16   | 8.020.144  | PEDAL BRACKET                   | 2    |
| 13-17   | 8.010.103  | PEDAL BOLT                      | 1    |
| 13-18   | 4.000.025  | BRAKE PEDAL COMP.               | 1    |
| 13-19   | 7.010.003  | PEDAL BUSH                      | 4    |
| 13-20   | 8.040.011  | BRAKE PEDAL RETURN SPRING, R    | 1    |
| 13-21   | 8.040.010  | THROTTLE PEDAL RETURN SPRING, L | 1    |
| 13-22   | 4.000.026  | THROTTLE PEDAL COMP.            | 1    |
| 13-23   | 7.020.043  | BRAKE PEDAL PAD                 | 1    |
| 13-24   | 7.020.044  | THROTTLE PEDAL PAD              | 1    |
| 13-25   | 7.020.059  | STEERING BALL JOINT DUST COVER  | 2    |
| 13-26   | 9.129.816  | ALLEN HEAD BOLT M8×1.25×16      | 1    |
| 13-27   | 9.500.007  | ROLL PIN M3×16                  | 2    |
| 13-28   | 9.100.512  | BOLT, M5×12                     | 2    |
| 13-29   | 4.000.024  | Steering Gear                   | 1    |
| 13-34   | 14-1002-00 | key 4x4x12                      | 1    |
| 13-35   | 14-0502-00 | Rubber Food Pedal Stop          | 1    |
| 13-36   | 9.129.850  | Alen Bolt M8x50                 | 1    |
| 13-39   | 6.034.096  |                                 | 1    |

#### SUSPENSION ARM ASSY.

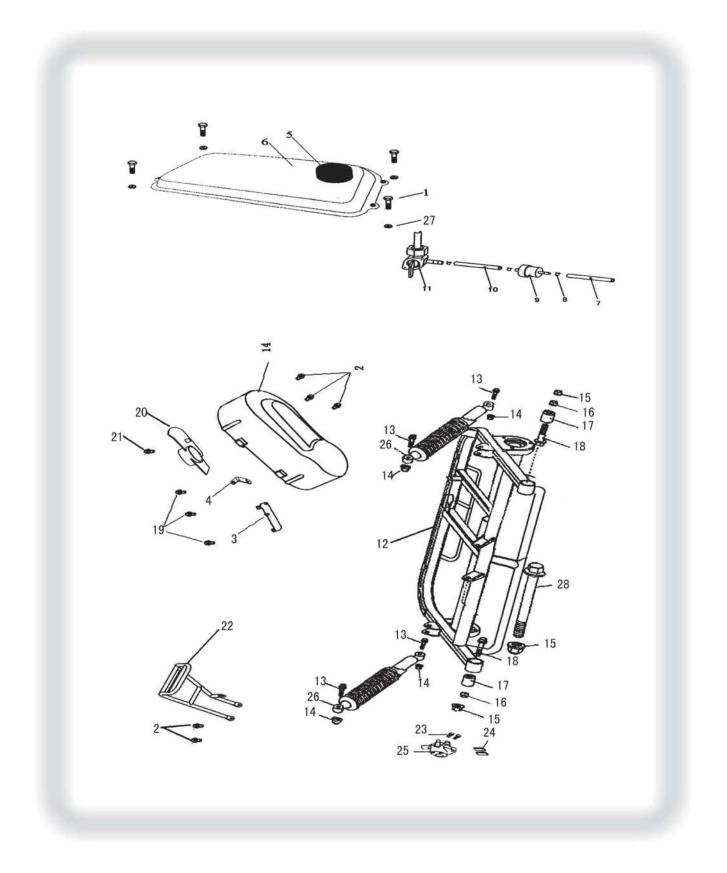


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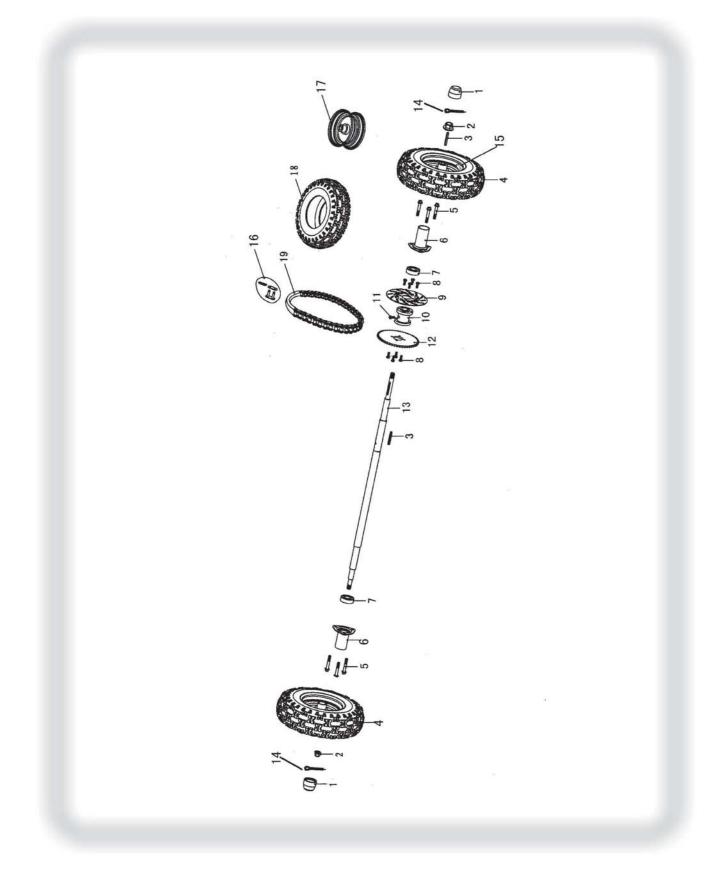
| DEE NO  | DADT NO               | DESCRIPTION                  | Otr  |
|---------|-----------------------|------------------------------|------|
| REF NO. | PART NO.              | DESCRIPTION                  | Qty. |
| 14-1    | 9.108.095             | FLANGE BOLT M8x1.25x95       | 2    |
| 14-2    | 7.010.003             | UPPER SUSPENSION ARM BUSH.   | 8    |
| 14-3    | 8.010.104             | UPPER SUSPENSION ARM COLLAR. | 2    |
| 14-4    | 4.000.020             | UPPER SUSPENSION ARM         | 2    |
| 14-5    | 9.320.008             | LOCKING FLANGE NYLON NUT M8  | 8    |
| 14-6    | 9.108.030             | FLANGE BOLT M8x1.25x30       | 4    |
| 14-7    | 6.000.172             | CUSHION ASS'Y. FR.           | 2    |
| 14-8    | 9.108.105             | FLANGE BOLT M8x1.25x105      | 2    |
| 14-9    | 8.010.015             | LOWER SUSPENSION ARM COLLAR. | 2    |
| 14-10   | 4.000.021             | LOWER SUSPENSION ARM ASS'Y.  | 2    |
| 14-11   | 2.000.031             | SPINDLE AND STRUT SUPPORT, R | 1    |
| 14-12   | 9.030.010             | BEARING 6202                 | 2    |
| 14-13   | 6.100.169 <b>-</b> BK | FRONT WHEEL ASSY.            | 2    |
| 14-14   | 9.030.009             | BEARING 6201                 | 2    |
| 14-15   | 9.800.012             | NUT M12                      | 2    |
| 14-16   | 7.020.039             | HUB COVER. FR.               | 2    |
| 14-17   | 9.800.010             | NUT M10                      | 4    |
| 14-18   | 6.000.182-BK          | RIM, FR                      | 2    |
| 14-19   | 001-133506-00         | TIRE, FR 13x3.5-6            | 2    |
| 14-20   | 2.000.032             | SPINDLE AND STRUT SUPPORT, L | 1    |
| 14-21   | 7.020.061             | BALL HEAD DUST SEAL          | 4    |
| 14-22   | 7.190.018             | Air Valve                    | 2    |
| 14-23   | 005-2530-00           | COTTER PIN Φ2.5X30           | 2    |
| 14-24   | 005-2025-00           | COTTER PIN Ф2X25             | 4    |

#### REAR SWING ARM



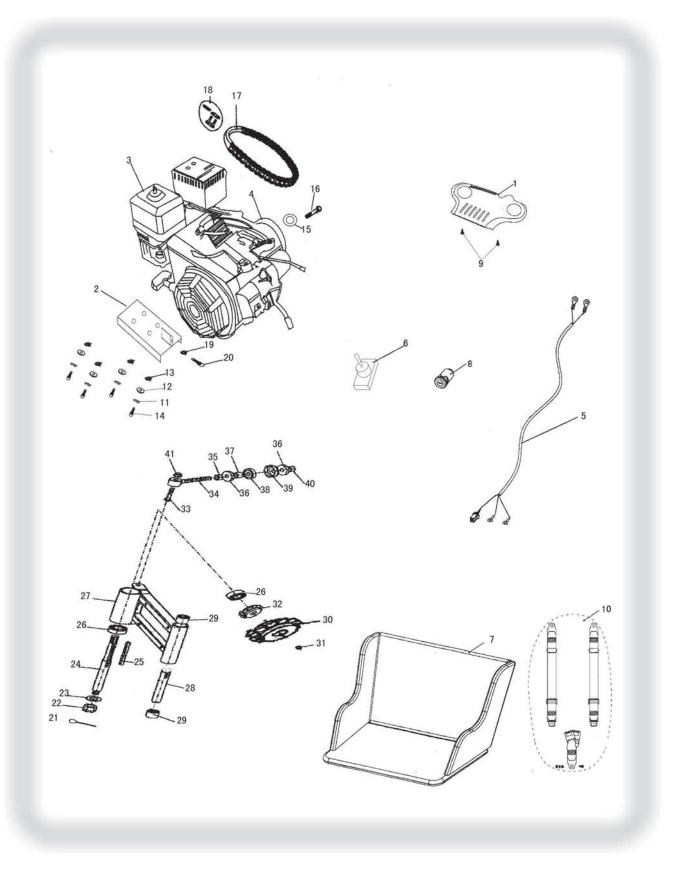
| FIG.15 REAR SWING ARM |               |                             |      |
|-----------------------|---------------|-----------------------------|------|
| REF NO.               | PART NO.      | DESCRIPTION                 | Qty. |
| 15-1                  | 9.106.032     | FLANGE BOLT, M6×32          | 4    |
| 15-2                  | 9.106.012     | FLANGE BOLT M6×12           | 5    |
| 15-3                  | 7.100.002     | FIXER PLASTIC II            | 1    |
| 15-4                  | 7.100.001     | FIXER PLASTIC I             | 1    |
| 15-5                  | 6.000.145     | FUEL FILTER CAP COMP.       | 1    |
| 15-6                  | 4.030.019     | FUEL TANK COMP.             | 1    |
| 15-7                  | 7.020.030     | FUEL TUBE, #1               | 1    |
| 15-8                  | 8.040.009     | FUEL TUBE CLIP              | 4    |
| 15-9                  | 6.000.056     | FILTER                      | 1    |
| 15-10                 | 7.020.029     | FUEL TUBE, #2               | 1    |
| 15-11                 | 6.000.166     | FUEL COCK ASS'Y             | 1    |
| 15-12                 | 14-0602-00    | REAR SWING ARM              | 1    |
| 15-13                 | 9.108.030     | FLANGEBOLT M8×1.25-30       | 4    |
| 15-14                 | 9.320.008     | LOCKING FLANGE NYLON NUT M8 | 4    |
| 15-15                 | 9.220.010     | LOCKING FLANGE NUT M10X1.25 | 3    |
| 15-16                 | 9.200.010     | NUT M10X1.25                | 2    |
| 15-17                 | 7.020.056     | REAR SWING ARM BUSH         | 2    |
| 15-18                 | 9.110.050     | FLANGE BOLT M10×1.25X50     | 2    |
| 15-19                 | 9.108.016     | FLANGE BOLT M8×16           | 3    |
| 15-20                 | 14-0207-00    | Plastic Chain Guard 2       | 1    |
| 15-21                 | 003-050030-00 | BOLT M5X30                  | 1    |
| 15-22                 | 14-0603-00    | Exhaust Guard, Stand        | 1    |
| 15-23                 | 9.129.616     | ALLEN BOLT M6×16            | 2    |
| 15-24                 | 7.120.060     | BRAKE PAD SET, RR           | 1    |
| 15-25                 | 6.000.178     | CALIPER ASSY. RR            | 1    |
| 15-26                 | 6.000.173     | CUSHION ASS'Y. RR           | 2    |
| 15-27                 | 9.210.006     | NYLON NUT M6                | 4    |
| 15-28                 | 9.110.180     | FLANGE BOLT M10×1.25X180    | 1    |

#### **REAR HOUSING**



| FIG.16 REAR HOUSING |               |                            |      |  |  |
|---------------------|---------------|----------------------------|------|--|--|
| REF NO.             | PART NO.      | DESCRIPTION                | Qty. |  |  |
| 16-1                | 7.020.039     | HUB COVER, RR.             | 2    |  |  |
| 16-2                | 9.220.016     | LOCKING FLANGE NUT M16     | 2    |  |  |
| 16-3                | 8.010.138     | AXLEKEY                    | 3    |  |  |
| 16-4                | 6.000.170-BK  | REAR WHEEL ASS'Y.          | 2    |  |  |
| 16-5                | 9.108.016     | FLANGE BOLT M8×1.25×16     | 6    |  |  |
| 16-6                | 6.000.196     | AXLE COVER                 | 2    |  |  |
| 16-7                | 9.030.002     | BEARING, 6204              | 2    |  |  |
| 16-8                | 9.106.016     | FLANGE BOLT M6×16          | 8    |  |  |
| 16-9                | 8.010.098     | DISC, BRAKE. RR.           | 1    |  |  |
| 16-10               | 8.010.097     | REAR AXLE HUB              | 1    |  |  |
| 16-11               | 9.129.810     | ALLEN HEAD BOLT M8×1.25×10 | 1    |  |  |
| 16-12               | 8.010.099     | REAR SPROCKET              | 1    |  |  |
| 16-13               | 14-1101-00    | REARAXLE                   | 1    |  |  |
| 16-14               | 005-3040-00   | cotter Pin 3 x 40          | 2    |  |  |
| 16-15               | 7.190.018     | Air Valve                  | 2    |  |  |
| 16-16               | 6.000.199     | MASTER LINK                | 1    |  |  |
| 16-17               | 6.000.183-BK  | RIM, RR.                   | 2    |  |  |
| 16-18               | 001-136005-00 | TIRE, RR 13 x 6 - 5        | 2    |  |  |
| 16-19               | 9.070.004     | DRIVE CHAIN                | 1    |  |  |

### WIRE HARNESS / ELECTRICAL / SEAT / CLUTCH ASSY



| REF NO. | PART NO.      | DESCRIPTION                      | Qty. |
|---------|---------------|----------------------------------|------|
| F17-1   | 14-0205-00    | SWITCH PANEL COVER               | 1    |
| F17-2   | 14-0604-00    | Engine Mounting Plate            | 1    |
| F17-3   | 006-QJ55-00   | ENGINE COMP.                     | 1    |
| F17-4   | 14-1102-00    | Clutch                           | 1    |
| F17-5   | 14-0303-00    | WIRE HARNESS                     | 1    |
| F17-6   | 14-0304-00    | ENGINE STOP BUTTON               | 1    |
| F17-7   | 6.000.176     | SEAT COMP.                       | 1    |
| F17-8   | 6.000.165     | POWER ON SWITCH                  | 1    |
| F17-9   | 003-520013-00 | Self Tapping Screw 4.2 x 13      | 4    |
| F17-10  | 6.000.179     | SAFETY BELT                      | 1    |
| F17-11  | 12.022.035    | Spring Washer                    | 4    |
| F17-12  | 007-08-00     | Flat Washer                      | 4    |
| F17-13  | 9.220.008     | LOCKING FLANGE NUT M8            | 4    |
| F17-14  | 9.108.055     | BOLT M8X55                       | 4    |
| F17-15  | GB96-85       | Clutch Washer $\Phi$ 8 (GB96)    | 1    |
| F17-16  | GB5783-86-20  | BOLT M8X20                       | 1    |
| F17-17  | 14-1103-00    | DRIVE CHAIN                      | 1    |
| F17-18  | 6.000.324     | MASTER LINK                      | 1    |
| F17-19  | 6.034.096     | NUT M8                           | 1    |
| F17-20  | 12.100.030    | BOLT M8X45                       | 1    |
| F17-21  | 005-2530-00   | COTTER PIN Ф2.5X30               | 1    |
| F17-22  | 9.800.014     | CASTLE NUT M14X1.5               | 1    |
| F17-23  | 9.300.014     | WASHER 014                       | 1    |
| F17-24  | 14-1104-00    | Shaft, Sprocket and Drive Pulley | 1    |
| F17-25  | 14-1105-00    | Rear Clutch Axle Key             | 1    |
| F17-26  | 6.000.065     | BEARING 6004                     | 2    |
| F17-27  | 14-0605-00    | ENGINE MOUNTING PLATE (2)        | 1    |
| F17-28  | 14-0503-00    | Bushing, Rubber                  | 1    |
| F17-29  | 7.020.077     | BUSHING                          | 2    |
| F17-30  | 008-30-428    | 30 Teeth Sprocket                | 1    |
| F17-31  | GB9459-88-16  | NUT M16X1.5                      | 1    |
| F17-32  | 008-13-06B    | 13 Teeth Sprocket                | 1    |
| F17-33  | GB5785-86-45  | BOLT M10X1.25X45                 | 1    |
| F17-34  | 8.147.008     | CHAIN ADJUSTER                   | 1    |
| F17-35  | 9.200.012     | NUT M12X1.25                     | 1    |
| F17-36  | 8.010.042     | WASHER-CHAIN ADJUSTER            | 2    |
| F17-37  | 8.010.041     | <b>BUSHING-CHAIN ADJUSTER</b>    | 1    |
| F17-38  | 7.020.001     | CAP WASHER-CHAIN ADJUSTER        | 1    |
| F17-39  | 8.020.045     | BOTTOM CAP WASHER-CHAIN ADJUSTER | 1    |
| F17-40  | 9.220.012     | NUT M12X1.25                     | 1    |
| F17-41  | 9.220.010     | NUT M10X1.25                     | 1    |



| REF NO. | PART NO.   | DESCRIPTION             | Qty. |
|---------|------------|-------------------------|------|
| F18-1   | 14-1201-00 | LABEL SEAT BELT         | 1    |
| F18-2   | 14-1202-00 | LABEL NO CLIMBING       | 1    |
| F18-3   | 14-1203-00 | LABEL WARNING Operation | 1    |
| F18-4   | 14-1204-00 | LABEL CHAIN GUARD       | 1    |
| F18-5   | 14-1205-00 | LABEL NO LONG HAIR      | 1    |
| F18-6   | 14-1206-00 | LABELAGE                | 1    |
| F18-7   | 14-1207-00 | LABEL HOT SURFACES      | 1    |
| F18-9   |            |                         |      |
| F18-11  | 14-1208-00 | OWNER'S MANUAL          | 1    |

#### YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board, the U.S. Environmental Protection Agency, and **Geason Enterprises**, **LLC dba Geason Powersports** (hereinafter "**Geason Powersports**") are pleased to explain the emission control system warranty on your 2011 Off-Road ATV. New off-road motor vehicles must be designed, built and equipped to meet U.S. EPA Federal and California anti-smog standards. Geason Powersports must warrant the emission control system on your vehicle for 5,000 km, 500 hours of engine operation, or at least 30 months, whichever comes first, provided that there has been no abuse, neglect or improper maintenance of your vehicle. This ATV was designed to meet the emission standards for 10,000 km, 1,000 hours of engine operation, or five years, whichever comes first.

Your emission control system may include parts such as the carburetor or fuel injection system, the ignition system, catalytic converter and engine computer, if it is equipped. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, Geason Powersports 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 Geason Powersports. This is your emission control system DEFECTS WARRANTY.

**NOTICE!** Use of any Geason Powersports vehicle in any type of competitive event completely and absolutely voids this and all other warranties offered by Geason Powersports.

#### **OWNER'S WARRANTY RESPONSIBILITIES**

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Geason Powersports recommend that you retain all receipts covering maintenance on your vehicle, but Geason Powersports cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to the Geason Powersports 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 Geason Powersports may deny your warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you use your vehicle in any type of competitive event, this warranty is immediately and completely void.

If you have any questions regarding your warranty rights and responsibilities, you should contact Geason Enterprises, LLC dba Geason Powersports, 1200 Flower Mound Parkway #325, Flower Mound, TX 75028, Phone: 214-513-1700, the U.S. Environmental Protection Agency, 2000 Traverwood Avenue, Ann Arbor, MI 48105 or, (for California registered off-road vehicles only) the California Air Resources Board at 9528 Telstar Avenue, El Monte, CA 91731.



#### YOUR WARRANTY RIGHTS AND OBLIGATIONS

Geason Enterprises, LLC dba Geason Powersports (hereinafter "Geason Powersports") warrants that each new 2011 and later Geason Powersports off-road vehicle:

- A. 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
- B. is free from defects in material and workmanship which cause such vehicle to fail to conform to applicable regulations of the United States Environmental Protection Agency or the California Air Resources Board for the periods specified above.
- I. **Coverage.** Warranty defects shall be remedied during customary business hours at any authorized Geason Powersports dealer located within the United States of America in compliance with the Clean Air Act and applicable regulations of the United States Environmental Protection Agency and the California Air Resources Board. Any part or parts replaced under this warranty shall become the property of Geason Powersports.
- **II. Limitations** This Emission Control System Warranty shall not cover any of the following:
  - A. Repair or replacement as a result of
    - (1) accident,
    - (2) misuse,
    - (3) repairs improperly performed or replacements improperly installed,
    - use of replacement parts or accessories not conforming to specifications set forth by Geason Powersports, which adversely affect performance and/or
    - (5) use in competitive racing or related events.
  - **B.** Inspections, replacement of parts and other services and adjustments required for required maintenance.
  - **C.** Any vehicle equipped with an odometer or hour meter on which the odometer mileage or hour meter reading has been changed so that actual mileage cannot be readily determined.

#### III. Limited Liability

A. The liability of Geason Powersports under this Emission Control System Warranty is limited solely to the remedying of defects in material or workmanship by an authorized Geason Powersports 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 or from the Geason Powersports. Geason Powersports shall not be liable for any other expenses, loss or damage, whether direct, indidental, consequential or exemplary arising in connection with the sale or use of or inability to use the Geason



#### Geason Enterprises, LLC dba Geason Powersports Limited Warranty on Emission Control System

Powersports vehicle for any purpose. Some states do not allow the exclusion or limitation of any incidental or consequential damages, so the above limitations may not apply to you.

- **B.** No express emission control system warranty is given by Geason Powersports, except as specifically set forth herein. Any emission control system warranty implied by law, including any warranty of mechanability 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. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.
- C. No dealer is authorized to modify this Limited Emission Control System Warranty issued by Geason Powersports.
- **IV. LEGAL RIGHTS**. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.
- V. This warranty is in addition to the Geason Powersports limited vehicle warranty.

VI. ADDITIONAL INFORMATION. Any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. However, Geason Powersports are not liable for these parts. The owner is responsible for the performance of all required maintenance. Such maintenance may be performed at a service establishment or by any individual. The warranty period begins on the date the ATV is delivered to an ultimate purchaser.

Geason Enterprises, LLC dba Geason Powersports 1200 Lakeside Parkway #325 Flower Mound, TX 75028 Phone: 214-513-1700 Fax: 214-513-1711

