

# *Fight Wolf 4x4*

## Owner's Manual

**1500 (4WD)**

**READ THIS MANUAL CAREFULLY  
IT CONTAINS IMPORTANT SAFETY  
INFORMATION.**

**MINIMUM  
RECOMMENDED  
OPERATOR AGE:**

**16**

### FOR OFF-ROAD USE ONLY

**This vehicle is designed and manufactured for off-road use only. It does not conform to federal motor vehicle safety standards, and operation on public streets, roads, or highways is illegal.**



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# Owner's Manual

## Foreword

Thank you for choosing the Fight Wolf 4x4 RL1500 Off-Road Recreational Vehicle. It is the result of many years of experience in

the production of Utility I Off-Road Vehicles and we hope that you will enjoy your new vehicle. With the purchase of your

Fight Wolf 4x4 Vehicle you can now appreciate the craftsmanship and reliability that has made Fight Wolf 4x4 a leader in this field. If you

have any questions regarding the operation or maintenance of your vehicle, please contact a Fight Wolf 4x4 Dealer

Before operating your new Vehicle, please read through this Owner's Manual carefully as it contains important safety and maintenance information. DO NOT attempt to operate this vehicle until you have read and understood all of the operating and safety features Failure to follow the warnings contained in this manual could result in serious injury.

Be sure to follow the recommended maintenance schedule and service your Off Road Recreational Vehicle accordingly. Preventative maintenance is extremely important to the life of your Off-Road Recreational Vehicle.

Fight Wolf 4x4 believes in conservation and protection of earth's natural resources. To that end, we encourage every vehicle owner

to recycle, trade in, or properly dispose of, as appropriate, used motor oil, coolant, and other fluids, batteries, and tires.

## Fight Wolf 4x4 Recreational Vehicle Limited Manufacturer's Vehicle Warranty

Fight Wolf 4x4 Recreational Vehicles hereby warrants that new Fight Wolf 4x4 Off-Road and UTV Vehicles purchased from an authorized Fight Wolf 4x4 dealer worldwide including North America, South America, Central America, Middle East, Europe, Germany, Spain, or wherever Fight Wolf 4x4 recreational vehicles are sold by an authorized dealer will be free from defects in material and workmanship for the period of time stated herein, subject to certain stated limitations. Purchasing a Fight Wolf 4x4 vehicle from a non-authorized Fight Wolf 4x4 dealer will be without a warranty.

The Period of Warranty for Fight Wolf 4x4 Off-Road and UTV Vehicles shall be six (6) months from the date of purchase. The warranty can be voided during the 6 months if found that you have violated any of the below requirements.

During the Period of the Warranty any authorized Fight Wolf 4x4 dealer will evaluate, repair or replace any part adjudged defective by Fight Wolf 4x4 due to faulty workmanship or material from the factory. Parts used in warranty repairs will be warranted for the balance of the product's warranty period. All parts replaced under warranty become property of Fight Wolf 4x4 Recreational Vehicles. Warranty will cover defective parts and replacement. All freight charges incurred will be the responsibility of the customer.

General Exclusions from this warranty that will void the entire warranty shall include any failures caused by:

- a. Competition or racing use.
- b. Installation of parts or accessories that is not qualitatively equivalent to genuine Fight Wolf 4x4 parts.
- c. Abnormal strain, neglect, or abuse.
- d. Lack of proper maintenance.
- e. Accident or collision damage.
- f. Modification to original parts.
- g. Dirt and/or Sand in the fuel system.
- h. Damage due to improper transportation.
- i. Adjustments from operations.
- j. Damage caused by exceeding travel of vehicle.
- k. Altering the vehicle in any manner.
- I. Placing additional seats.
- m. Turbo chargers and super chargers.
- n. Adding electrical devices that cause electrical failure.
- o. Damage caused by debris; rocks, riverbed, trees, etc.
- p. Damage caused by roll-overs due to improper operation of vehicle.
- q. Climbing beyond the capacity of the vehicle.
- r. Operating differential lockers in excess speed of 20 mph.
- s. Abuse and improper operations.
- t. Increasing size of the tire or wheel from the Fight Wolf 4x4 standard tire and wheel package.
- u. Towing an additional vehicle using a winch for other uses other than pulling the vehicle it is attached to.

Specific Exclusions from this warranty shall include parts replaced due to normal wear or routine maintenance, such as spark plugs, oil, oil filter, air filter, brake shoes, CV Joints, CV Boots, Universal Joints, Cables, water damage to electrical equipment, clutches pressure plates and transmission gear from neglect or miss shifting.

The Customer's Responsibility under this warranty shall be to:

1. Operate and maintain the off road vehicle as specified in the appropriate owner's manual;
2. Give notice to an authorized Fight Wolf 4x4 dealer of any all apparent defects within ten (10) days after delivery, and make the machine available at that time for inspection and repairs at such dealer's place of business.
3. To operate to the intent of the vehicle use
4. Not to travel in and out of water that is more than twelve (12) inches deep.
5. To not operate at any time in salt water.
6. Not to jump the machine in any manner.
7. To follow all local and state safety regulations.
8. Not to alter the vehicle in any manner.
9. Not to install any additional seating.
10. To check all bolts and nuts prior to any ride.
11. Properly clean and protect the cosmetics of the vehicle.

## **Additional Warranty Requirements:**

1. Authorized Fight Wolf 4x4 dealers to perform a break in service at five (5) hours or one hundred (100) miles whichever comes first. There must be a written record that this has been conducted by authorized dealer in order to obligate Fight Wolf 4x4 to use the warranty on the vehicles parts.
2. A record of complete operator maintenance must be kept and at any time a Fight Wolf 4x4 dealer may request this record to qualify the repair under warranty.
3. All fluid must be changed per the operator's manual. On all transmission or engine failures, this record will be requested.
4. Pre-Delivery Inspection (PDI)

On each Fight Wolf 4x4 vehicle a Pre-Delivery Inspection (PDI) form is required. A Fight Wolf 4x4 dealer is required to

perform this procedure with the consumer signing off on all items of the PDI form. It is the Fight Wolf 4x4 dealer's responsibility to ensure and sign off on the vehicle to its mechanical fitness and make sure all safety equipment is installed correctly. The dealer, during their Pre-Delivery Inspection is required to use Tamper Proof paint in red, orange, or white to ensure all nuts and bolts are tightened to specifications. The PDI form is available from Fight Wolf 4x4 and all Distributors are responsible to provide and make available to all Fight Wolf 4x4 dealers. It is also the consumer's responsibility that the dealer has performed this procedure. Consumers must, within ten (10) days after accepting the vehicle, notify the Fight Wolf 4x4 Distributor in writing that the dealer failed to properly deliver the vehicle to you on an authorized pre delivery inspection form. Failure to properly notify the Fight Wolf 4x4 Distributor of this can Void the warranty or cause serious injury, death, dismemberment, or damage to the vehicle. Fight Wolf 4x4 nor its Distributors will be responsible for the fitness of the vehicle or the

safety of the vehicle if the PDI is not performed by the dealer.

5. Distributors are required to provide a copy of each Pre-Delivery Inspection (PDI) form with its warranty claim and no warranty claim will be accepted without this.

### **Warranty Notification Procedures-**

Fight Wolf 4x4 Recreational Vehicles will only accept warranty claims on its prescribed form from the authorized Distributor signing off that in fact the part should be covered under warranty. This form must be e-mailed or faxed and signed by the Distributor. The Pre-Delivery Inspection (PDI) form must be on file with Distributor with a dealer's signature and consumer signature accepting delivery of the vehicle order and agreeing to the mandatory liability releases. If dealer determines that the part is not under warranty, the consumer will have ten (10) days to dispute this in writing to the dealer and Fight Wolf 4x4 Distributor. Consumers can not order warranty parts only authorized Fight Wolf 4x4 Distributors and Dealers can.

**Safety-** You should acknowledge that you are entering a very hazardous sport and you could be injured, dismembered, or even loss of life. This could occur from operation failure to completely conduct operator's maintenance or failure to have your vehicle properly delivered to you on an authorized dealer Fight Wolf 4x4 PDI form. It is not the responsibility of Fight Wolf 4x4 or any of its affiliates to ensure your vehicle will not cause you to be injured, dismembered, or even loss of life. You, without any guaranty of warranty, enter into full awareness of the hazards. It is recommended that you wear proper protection to include Helmet, safety belt, safety netting over doorways and even hand and arm restraints to keep your full body inside the vehicle in case of a roll over. Fight Wolf 4x4 cannot be responsible for any losses of life, limbs, or serious injury. It is recommended that you attend an off road safety course prior to operating this vehicle, or you have agreed to take all responsibilities of operator and passengers.

**This warranty is transferable from Fight Wolf 4x4 and its Authorized Distributors and Dealers to the original customer. This warranty is not transferable from the original customer to another party.**

**Emission Control System Warranty** - New off-road motor vehicles must be designed, built and equipped to meet U.S. EPA Federal and California anti-smog standards. Fight Wolf 4x4 Recreational Vehicle must warrant the emission control system on your vehicle for 12 months or 5.000 km, whichever comes first, provided that there has been no abuse, neglect or improper maintenance of your vehicle.

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

Where a warrantable condition exists, Fight Wolf 4x4 Recreational Vehicle 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 Fight Wolf 4x4 or one its authorized Distributors or Dealers. This is your emission control system DEFECTS WARRANTY.

NOTICE! Use of any Fight Wolf 4x4 brand vehicle in any type of competitive event completely and absolutely voids this and

all other warranties offered. If at any time the emission related parts have been altered or removed, or the removal of the certificate that is fixed to the vehicle, the warranty will be null and void. This vehicle must conform to the regulations per EPA and CA Air Resource Board.

Fight Wolf 4x4 Recreational Vehicle warrants that each new Fight Wolf 4x4 brand Off-Road and UTV 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 Fight Wolf 4x4 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 Fight Wolf 4x4.
  
  - 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,

4. Use of replacement parts or accessories not conforming to Fight Wolf 4x4 specifications 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 Fight Wolf 4x4 under this Emission Control System Warranty is limited solely to the remedying of defects in material or workmanship by an authorized Fight Wolf 4x4 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 Fight Wolf 4x4 dealer. FIGHT WOLF 4X4 SHALL NOT BE LIABLE FOR ANY OTHER EXPENSES, LOSS OR DAMAGE, WHETHER DIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY ARISING IN CONNECTION WITH THE SALE OR USE OF OR INABILITY TO USE THE SAID 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 Fight Wolf 4x4 EXCEPT AS SPECIFICALLY SET FORTH HEREIN. Any Emission Control System Warranty implied by law, including any warranty of merchantability or fitness for a particular purpose, is limited to the Express Emission Control System Warranty terms stated in this Warranty. The foregoing statements of Warranty are exclusive and in lieu of all other remedies. Some States Do Not Allow limitations on how long an implied Warranty lasts so the above limitations May Not apply to you. No Distributor or Dealer is authorized to modify this Fight Wolf 4x4 Limited Emission Control System Warranty.
  
- 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 Fight Wolf 4x4 LIMITED 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, Fight Wolf 4x4 is 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 vehicle is delivered to an ultimate purchaser.

## **OWNER'S WARRANTY RESPONSIBILITIES**

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your Owner's Manual. Fight Wolf 4x4 recommends that all receipts covering maintenance on a vehicle are kept, but Fight Wolf 4x4 cannot deny warranty solely for the lack of receipts or for failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to the Fight Wolf 4x4 Distributor or 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 Fight Wolf 4x4 may deny warranty coverage if the 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: Fight Wolf 4x4 or one of its Authorized Distributors.

## **Foreword about safety**

In order to keep everyone safe, you must take responsibility for the safe operation of your Off-Road Recreational Vehicle. To help you make informed decisions about safety, we have provided operating procedures and other information on labels in this manual. This information alerts you to potential hazards that could hurt you or others. It is not practical or possible to warn you about all hazards associated with operating or maintaining an Off-Road Recreational Vehicle. You must use your own good judgment.

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

**Safety labels** - On the Vehicles.

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

**These signal words mean:**

**WARNING !!**

Physical harm may result from failure to adhere to the instructions that are described within the WARNING labels.

**Safety Headings** --- Such as Important Safety Reminders or Important Safety Precautions.

**Safety Section** --- Such as Off-Road Recreational Vehicles Safety.

**Instructions** --- How to operate this Off-Road Recreational Vehicles correctly and safely.

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

### **Important safety information**

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

There is a lot you can do to protect yourself when you drive. You'll find many helpful recommendations throughout this manual. The following are a few that we consider most important.

### **Follow the Age Recommendation**

It is strongly recommended that no one under the age of 16 be permitted to drive this Off-Road Recreational Vehicles without adult supervision.

### **Always Wear a Helmet**

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

### **Drive Off-Road Only**

Your Off-Road Recreational Vehicles is designed and manufactured for off-road use only and the tires and other carts will wear prematurely when driven on pavement.

### **Take Time to Learn & Practice**

Even if you have driven other Off-Road Recreational Vehicles, take time to become familiar with how this Off-Road Recreational Vehicles works and handles. Practice in a safe area until you build your skills and become accustomed to this Off-Road Recreational Vehicle's size, weight and handling characteristics.

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

### **Be Alert for Off-Road Hazards**

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

### **Drive Within Your Limits**

Pushing the limit of the driver and vehicle is another major cause of Off-Road Recreational Vehicles accidents. Never drive beyond your personal abilities or faster than conditions warrant. Remember that alcohol, drugs, fatigue, and inattention can significantly reduce your ability to make good judgments and driver safely.

### **Don't Drink and drive**

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

**Never run your Vehicle indoors.**

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

**Important safety information****Keep away from moving parts of the Off-Road Recreational Vehicle**

The operator of the Off-Road Recreational Vehicles should never place their hands or other parts of their body near any moving part of the Off-Road Recreational Vehicles. 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.

**Safety labels**

This section contains some of the most important information and recommendations to help you drive your Off-Road Recreational Vehicles safely, please take a few moments to read these pages.

The labels are considered permanent parts of the Off-Road Recreational Vehicles. If a label comes off or becomes hard to read, contact your dealer for warning labels replacements.

**WARNING**  
Make sure flameout before adding the petrol, avoid fire and blast

**WARNING**  
Use only approved 15W-30 or 15W-40 motor oil.

**WARNING**  
Use only approved SAE 75w/90 Gear oil

**WARNING**  
Use only approved SAE 75w/90 Gear oil

**WARNING**  
Use only approved SAE 75w/90 Gear oil

DIFFERENTIAL LOCK  


DIFFERENTIAL LOCK  


**WARNING**  
Seat Belt Must Be Worn At All Times

**WARNING**  
WRIST STRAPS AND A HELMET SHOULD BE WORN WHEN OPERATING.

**WARNING**  
Loss of control, collision, or getting caught in moving parts can result in serious injuries.  
Adult supervision for under 16 years old  
Wear motorcycle helmet  
Secure long hair and loose clothing  
Wear protective eye wear and clothing  
Keep arms, legs and feet inside kart  
Do not use alcohol or drugs

**No passenger**  
**Load limit 250 LBS**

**WARNING**  
**NO LONG HAIR**  
  
**ALL HAIR MUST BE TIED UP AND SECURED AT OR ABOVE SHOULDER LENGTH. ALL LOOSE CLOTHING MUST BE SECURED. ALL NECKLACES AND SCARFS MUST BE SECURED.**

**WARNING**  
**THIS VEHICLE CAN BE HAZARDOUS TO OPERATE** if driven carelessly.  
**INJURIES** can result if you do not follow these instructions:  
• **READ OWNER'S MANUAL AND ALL LABELS BEFORE YOU OPERATE THIS VEHICLE.**  
• **NEVER OPERATE THIS VEHICLE WITHOUT PROPER INSTRUCTIONS.** Beginners require mature supervision.  
• **ONLY ONE PASSENGER PER SEAT.** Seats are designed for One person only.  
• **ALWAYS WEAR AN APPROVED MOTORCYCLE HELMET,** eye protection and protective clothing.  
• **NEVER OPERATE THIS VEHICLE AT EXCESSIVE SPEEDS.** You increase your risk of losing control if you operate it at speeds too fast for the terrain, visibility conditions or your experience.  
• **NEVER ATTEMPT WHEELIES, JUMPS, OR OTHER STUNTS.**

**WARNING**  
The passengers in this vehicle will affect its balance and turning out of control, may cause serious injury or death. Passengers must hold the handrail, put your feet on the pedals when driving the vehicle, strictly prohibit stretching out any parts of body.

**WARNING**  
Suitable Oil: RQ93 (unleaded)

  
**WARNING**  
**NO RIDING**

Water tank is empty. Make sure before driving the buggy, put antifreeze and water in the water tank

## **Are you ready to drive?**

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

Before you drive your Off-Road Recreational Vehicle for the first time, we urge you to do following:

- Read this owner's manual and the labels on your Off Road Recreational Vehicles carefully.
- Make sure you understand all the safety messages.
- Know how to operate all the controls.
- Never drive this Off-Road Recreational Vehicle if you are under 16 years old.

Before each drive, be sure:

- That you are in good physical and mental condition.
- That you are wearing an approved motorcycle helmet (with chin strap tightened securely), eye protection, and other protective clothing.
- That you are not under the influence of any alcohol or drugs.

### **Protective Apparel**

For your safety, we strongly recommend that you always wear an approved motorcycle helmet, eye protection, boots, gloves, long pants, and long-sleeved shirt or jacket whenever you drive.

Although complete protection is not possible, wearing proper gear can reduce the chance of injury when you drive.

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

#### **Helmets and Eyes Protection**

Your helmet is 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 in any helmet you buy. Always wear a face shield or goggles to protect your eyes and help your vision.

## **WARNING !!**

**Operating this Off-Road Recreational Vehicle without wearing an approved motorcycle helmet, eye protection, and protective clothing could increase your chances of head and/or eye injury, possibly death in the event of severe accident.**

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

### **Additional Driving Gear**

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

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

### **Driver Training**

Developing your driving skills is an on-going process. Even if you have driven other Off-Road Recreational Vehicles, take time to become familiar with how this Off-Road Recreational Vehicle drives and handles. Practice driving the Off-Road Recreational Vehicle in a safe area to build your skills. Do not drive in rough terrain until you become accustomed to the Off-Road Recreational Vehicle's controls, and are comfortable with its size, weight and handling characteristics.

## **WARNING !!**

**Operating Off-Road Recreational Vehicles without proper instruction could increase your risk of an accident which could lead to serious injury or death.**

## **WARNING !!**

**DO NOT attempt to support or place your hands outside of the Vehicle in the event of a rollover. Rollovers can lead to serious injury or death.**

**Never support with your hands to ground if the Vehicle rollovers.**

### **Age Recommendation**

It is strongly recommended that no one under the age of 16 is permitted to operate this Off-Road Recreational Vehicle and never without proper adult supervision.

## **WARNING !!**

**Anyone operating an Off-Road Recreational Vehicle that is under 16 is not recommended because of his/her age could lose control of the Off-Road Recreational Vehicle and result in severe injury or death.**

**A child under 16 should have a qualified adult supervise when operating the Off-Road Recreational Vehicle.**

## **No Alcohol or Drugs**

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

**WARNING !!**

**Operating this Off-Road Recreational Vehicle after consuming alcohol or drugs can seriously affect your judgment, causing the operator 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 Off-Road Recreational Vehicle.**

### **Is your vehicle ready to drive?**

Before each drive, it is important to inspect your Off-Road Recreational Vehicle 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 the Off-Road Recreational Vehicle has overturned or has been involved in a collision, do not drive it until your vehicle has been inspected by an Authorized dealer, there may be damage or other problems that you cannot see.

## **WARNING !!**

**Improperly maintaining this Off-Road Recreational Vehicle or failing to correct a problem before driving can cause an accident in which could result in serious injury or death.**

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

### **Pre-Drive Inspection**

Check the following items before you get on the Off Road Recreational Vehicles:

#### **Engine Oil**

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

#### **Coolant**

Check the coolant and add coolant if need. Check for the leaks.

#### **Fuel**

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

**Tires**

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

**Nuts & Bolts**

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

**Underbody & Exhaust System**

Check for, and remove any dirt or other debris that could be a fire hazard or interfere with the proper operation of the Off-Road Recreational Vehicle.

**Air Cleaner**

Check the air filter. Replace it if needed.

**Leaks, Loose Parts**

Walk around you Off-Road Recreational Vehicle and look for anything that appears unusual, such as a leak or loose cable.

**Lights**

Make sure the headlight, brake light and tail light are working properly.

**Throttle**

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

**Clutch cable**

Check the free play of clutch cable and adjust if needed. Press the clutch cable to make sure it moves smoothly without sticking, and snaps back automatically when it is released.

**Brakes**

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

## **Engine Stop**

When engine is running, turn the switch key counterclockwise. Make sure engine stops.

## **Steering Wheel**

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

## **Cable**

Check the cable housing for wear. Check the fittings are tight. Replace or tighten as needed.

## **Tie rod**

Check the tie rod housing for wear. Check the fittings are tight. Replace or tighten as needed.

## **Safe Driving Precautions**

### **Off-Road use only**

Your new Off-Road Recreational 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 Off-Road Recreational Vehicle on pavement.

**WARNING !!**

**Operating this Off Road Recreational Vehicles on paved surfaces may seriously affect handling and control of the Off-Road Recreational Vehicle, and may cause the vehicle to lose control.**

**Never operate the Off-Road Recreational Vehicle on any paved surfaces, including sidewalks, driveways, parking lots and streets.**

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

You should never drive your Off-Road Recreational Vehicle on public streets, roads or highways, even if they are not paved. Drivers of street vehicles may have difficulty seeing and avoiding you, which could lead to a collision. In many states it is illegal to operate Off-Road Recreational Vehicles on public streets, roads and highways.

## **WARNING !!**

**Operating this Off Road Recreational Vehicles on public streets, roads or highways could result in a collision with another vehicle.**

**Never operate the Off-Road Recreational Vehicle on any public streets, roads or highways, even if a dirt or gravel one.**

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

Always keep both hands on the steering wheel and both feet on the foot controls. When driving your Off-Road Recreational Vehicle it is important to maintain your balance and control of the Off-Road Recreational Vehicle. Removing hands or feet away from the controls can reduce your ability to react and control the vehicle.

## **WARNING !!**

**Removing a hand/s from the Steering Wheel or feet from Foot Controls during operation can reduce your ability to control the Off-Road Recreational Vehicle and could cause you to lose your balance and fail to operate the Off-Road Recreational Vehicle safely.**

**Always keep both hands on the Steering Wheel and both feet on the Foot Controls of your Off-Road Recreational Vehicle during operation.**

### **Control Speed**

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

## **WARNING !!**

**Operating this Off-Road Recreational Vehicle at excessive speeds increases your chances of losing control of the Off-Road Recreational Vehicle, which can result in an accident.**

**Always drive at a speed that is proper for your Off-Road Recreational 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 is sometimes difficult to see obstructions like hidden rocks, bumps, or holes in time to react.

**WARNING !!**

**Failure to use extra care when Operating this Off-Road Recreational Vehicle on unfamiliar terrain could result in the Off-Road Recreational Vehicle overturning or going out of control.**

**Go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the Off-Road Recreational Vehicle.**

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

## **WARNING !!**

**Failure to use extra care when operating on excessively rough, slippery or loose terrain could cause loss of traction or vehicle control, which could result in an accident, including a rollover.**

**Do not operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control the Off-Road Recreational Vehicle on such terrain. Always use extra caution when driving on these types of terrain.**

### **Do Not Perform Stunts**

You should always operate your Off-Road Recreational Vehicle in a safe and reasonable manner. When driving always keep all four wheels on the ground

## **WARNING !!**

**Attempting wheelies and other stunts increases the chance of an accident, including a rollover.**

**Never attempt stunts, such as wheelies or jumps. Do Not try to show off.**

## Location of Warning and Specification Labels

Read and understand all of the labels on your vehicle. They contain important information for safe and proper operation of your vehicle.

Never change any labels' position and remove them from your vehicle. If a label becomes difficult to read or comes off, a replacement label is available from your Fight Wolf 4x4 dealer.

### **WARNING !!**

IMPROPER TIRE PRESSURE OR OVERLOADING CAN  
CAUSE LOSS OF CONTROL.  
LOSS OF CONTROL CAN RESULT IN SEVERE INJURY  
OR DEATH.

OPERATING TIRE PRESSURE: Set with tires cold.

RECOMMENDED: FRONT: 15 psi

REAR: 15 psi

Never set tire pressure below minimum. Tire may  
dislodge from rim.

## WARNING !!

Severe INJURY or DEATH can result if you ignore the following:

- Maximum Load in Cargo Bed:250kg.(550lbs).
- Never carry passengers in cargo bed.
- Cargo can affect handling and stability.Read Owners Manual before loading or towing.
- When loading with cargo or towing a trailer: Reduce speed and allow more room to stop. Avoid hills and rough terrain
- Be sure cargo is secured,a loose load could change handling unexpectedly.
- Keep weight in the cargo bed centered,and as low an far forward as possible.  
Top-heavy loads increase the risk of overturn.

## WARNING !!

- Improperly loading a trailer and failure to use extra care when pulling trailer can cause an accident or injury.
- Never load more than 50kg (110lbs) tongue weight on the towing bracket.
- Do not tow more than 550kg (1212lbs) rolling weight (trailer plus cargo).
- Operate in low-range gears only, allow far increased braking,distance,and use extreme caution when operating on inclines.
- Read carefully the loading information and trailer hitch sections in the owners manual.



## WARNING

Improper use can result in Severe INJURY or DEATH.

This off-highway utility vehicle will handle and maneuver differently from an ordinary passenger car or other vehicle.

- Vehicle capacity: 1 operator and 1 passenger. Passenger must be able to reach and hold the handgrip inside enclosure.
- This vehicle is recommended only for operators 16 and older with a valid motor vehicle license. Adults must supervise use by minors. Check state laws for minimum age requirements.
- Gross Vehicle Weight Rating: 750kg(1650)bs maximum including operator, passenger, accessories, cargo and trailer tongue weight.
- Passenger and cargo can affect vehicle handling

### ALWAYS

- wear a seat belt when riding in the vehicle.
- keep your hands and feet inside the vehicle at all times watch for branches, brush, or other hazards that could enter the vehicle.
- drive straight up and down inclines-driving across the side of an incline increase the risk of overturn.

### NEVER

- operate through water deeper than 12"(305mm) or fast flowing water-if you must cross shallow, slow moving water, choose your path carefully to avoid sharp drop-offs large rocks, or slippery surfaces that could cause the vehicle to overturn.
- make sharp, high-speed turns-the vehicle could roll over or go out of control.



ALWAYS USE AN APPROVED HELMET AND PROTECTIVE GEAR



NEVER USE ON PUBLIC ROADS OR PAVEMENT



NEVER USE WITH DRUGS OR ALCOHOL

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



## WARNING

Damage, Serious Injuries ,Death Can Occur:

- Do not engage differential while in motion, come to a complete stop with clutch engaged and vehicle out of gear in the neutral position.
- Engage differential by pulling handle back lightly do not force it in to position.
- While driving with differentials locked steering will be more difficult injuring death or dismemberment can happen. Operating this vehicle in full locked position will make it very difficult to steer on sharp radius turns. High speed while operating with differential locked can cause the vehicle to go out of control and cause death or serious injuries.
- DO not operate this vehicle with differentials in full locked position in speeds in excess of 20 mph.



## WARNING

The vehicle can be destroyed if you ignore the following :  
Always fully stop the vehicle before changing between 2WD and 4WD.

## Specifications

### DIMENSIONS Fight Wolf 1500 4x4 (2-seat)

Overall Length	122 in. (3100mm)
Overall Width	72 in. (1830mm)
Overall Height	61 in. (1550mm)
Wheelbase	96.5 in. (2450mm)
Ground Clearance	12.2 in. (310mm)

### DIMENSIONS Fight Wolf 1500 4x4 (4-seat)

Overall Length	152 in. (3860mm)
Overall Width	73 in. (1860mm)
Overall Height	67 in. (1700mm)
Wheelbase	124 in. (3150mm)
Ground Clearance	12.2 in. (310mm)

### ENGINE

Type	Liquid-cooled- 4Cyl 4-Stroke
Bore x Stroke	77.4mmx79.52mm
Displacement	1497 cc
Compression ratio	10.5:1
Fuel System	EFI
Max Power	80kw/6000rpm
Maximum Torque	140Nm/3000rpm
Starting	Electric
Ignition	ECU
Lubrication	Wet Sump
Transmission	Manual clutch, 5 Forward/Reverse
Plug gap	0.035-0.043
Fuel type	RQ93 (unleaded)
Lubricate oil	SAE-10W/40
Gear Lube oil	GL-4 75W/90
Differential oil	GL-5 75W/140

## CAPACITIES

Maximum load	250kg
Fuel tank load	26.0L
Engine oil	3.6L
Gear oil	2.3L
Coolant	8.0L
Battery	12V36Ah
Head Light	12V 55W/Both
Tail Light	12V 20W/Both
Top speed	72mph(115km/h)

## CHASSIS

Front, Rear brake	Hydraulic disc, right foot control
Front tire	27x8-14
Rear tire	27x11-14
Front Suspension	Independent Dual A-Arm
Rear Suspension	Rear Trailing Swing Arm
Final Drive	Shaft driven

## TIRE PRESSURE

Front	36 psi
Rear	36 psi

## WEIGHT

Net Weight	(2-seat)690kg/(4-seat)862kg
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## WARRANTY

Parts and workmanship	6 Months or 180 Days
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## Operational Instructions

### Electric Shut-Off Switch and 2WD - 4WD Switch

The Electrical Shut-Off Switch is used to kill all power to vehicle including Engine.



1. Before starting the engine, please ensure Electric Shut-Off Switch is in the on position.
2. When the vehicle is moving you should never switch the Electric Shut-Off Switch to the off position.
3. Only operate the 2WD- 4WD Switch when vehicle is at a complete stop to prevent any damage to electronic actuator.

## CAUTION:

- It is important for your vehicle and your own safety that the Electric Shut-Off Switch is operational, so inspect it often by switching to the Off position when vehicle is in idle position to ensure it is working properly.
- When you are not going to be driving your vehicle for a long time or store it, please switch the Electric Shut-Off Switch to the off position.

## Ignition Switch

Ignition Switch functions of the respective switch positions are as follows:



### OFF:

All electrical circuits are switched off except the Turning Lights and Four-Way flashers when switched in the off position. The key can be removed in this position.

**ON 1:**

All electrical circuits are supplied with power, except the ignition system and fuel system, the headlights and tail lights come on when the light switch is on.

**ON2:**

The ignition system and fuel system are supplied with power.

**START:**

The electric starter is engaged by turning and holding the key in this position. Release the key when the engine starts.

**CAUTION:**

- Do not operate the electric starter continuously for more than 5 seconds, or starter damage could occur. Wait at least 5 seconds between each operation of the electric starter to let it cool.
- Do not turn the key to the "START" position with the engine running, or damage to the electric starter can result.
- See starting instructions prior to starting the engine.

# Gauges

Please refer to Picture below for the description and location gauges in Instrument Panel.



## 1: Fuel level gauge

Indicates the level of fuel in the fuel tank

## 2: Tachometer

Indicates the engine RPM of your vehicle. Vehicle should not be operated above 6000 rpm.

## 3: Speedometer

Indicates the vehicle speed and provides the odometer reading. Vehicle should not be operated in the red area.

## 4: Water Temperature

Indicates the coolant temperature of your vehicle

### **5: Oil Pressure Light**

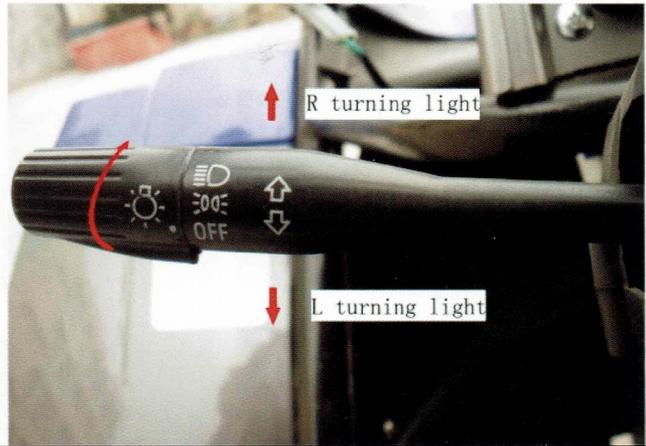
Indicates Low Oil Pressure

### **6: Voltmeter Light**

Indicates Low Battery Amperage

## **CAUTION:**

The gauges show the status of your vehicle during operation and are important to your vehicles life. Before driving your vehicle, please check that all gauges are properly working.



## Light Switches

Set the switch to  to turn on the low beam and the tail lights.

Pull the switch lever towards yourself to turn on the low beam and push forward to turn on high beam.

Position the lever in down position to operate Left Turn Signal, Position the lever in the up position to operate the Right Turn Signal.

## Differential-Locker

The vehicle is equipped with a rear locking differential. When in the lock position both axles will lock and you can use to climb or go down steep grades and uneven terrain. Remember SAFETY FIRST.



Rear Differential-Locker

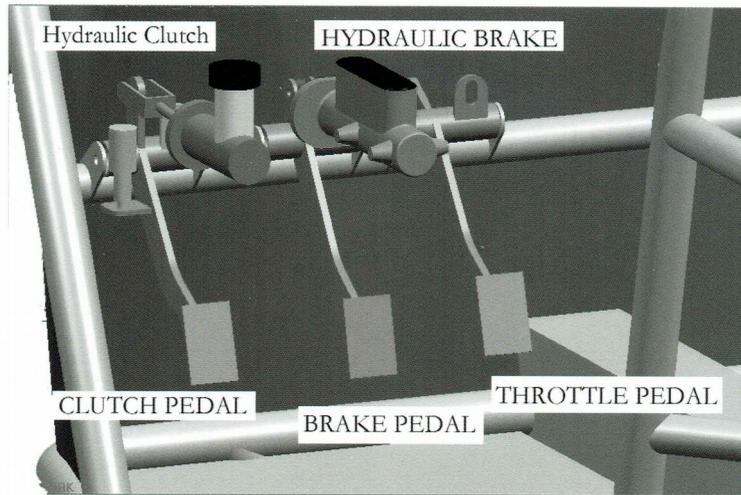


Front Differential-Locker

- Bring your vehicle to a complete stop before engaging the locking differential.
- When the handle is in the forward position, the locking differential is not engaged.
- Pull the handle back to engage the locking differential.
- After engaged, check the differential status by slowly disengaging the clutch and moving forward.

### **WARNING !!**

Never engage the 4WD with the rear differential locked at a high speed, as this may cause an unsafe condition.



## **Accelerator, Brake, Clutch pedal**

### **Clutch pedal**

The left foot pedal controls the Clutch cable  
With the pedal pressed in, you engage the Clutch

### **Brake pedal**

The centre pedal controls the Brake. Applying  
pressure to the pedal applies pressure to the brake calipers to slow or stop the vehicle.

### **Throttle pedal**

The right foot pedal controls the Throttle speed. Press the accelerator pedal down to increase engine rpm and vehicle speed.

## Parking brake lever

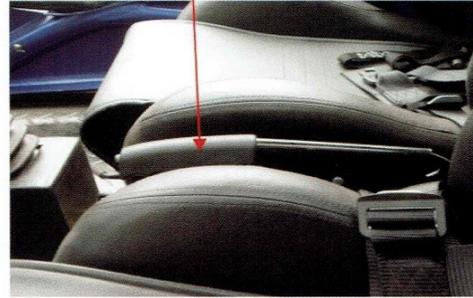
The parking brake lever is located in the middle between the driver and passenger seat. Pull the parking lever up that the unit can engage parking brake. To release the unit, press button in the front end of parking lever, then the parking lever to the bottom.

Release button



On parking

Parking level



Not on parking



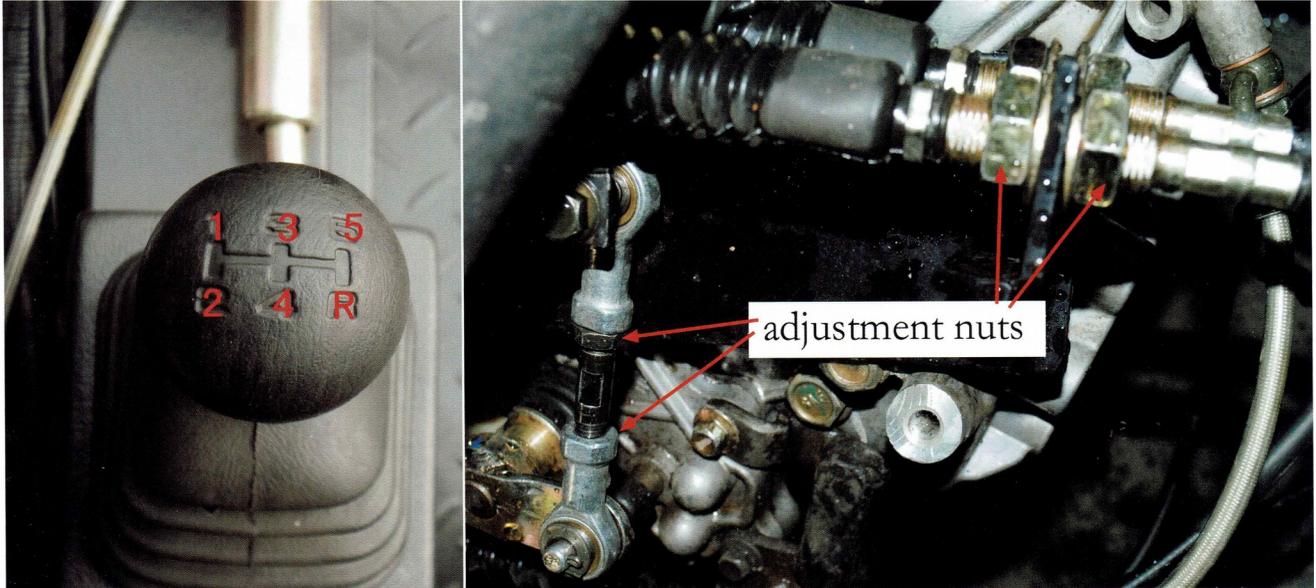
adjustment nuts



adjustment nuts

## Gear shift lever

Before operating the vehicle, check the shift lever is adjusted properly to shift from gear I to 5 and reverse smoothly. The shift lever should be vertical when the gear is in neutral. If not, adjust the shift cable and then tighten the nuts of the shift cable.



## CAUTION:

The first month is most important in the life of your vehicle. Proper operation during this break-in period will help assure maximum life and performance from your new vehicle. The following guidelines explain proper break-in procedures.

- After the engine starts, the engine is not allowed in high speed in the neutral gear shift.
- Drive vehicle from stop to low speed slowly.
- Avoid braking strongly.
- Do not exceed the vehicle speed on the below schedule.

The speed of vehicle	The first 1000 km		
Max speed in each gear	1st	Gear	20km/h(12.5mph)
	2nd	Gear	35km/h(21.9mph)
	3rd	Gear	54km/h(33.8mph)
	4th	Gear	73.3km/h(45.8 mph)
	5th	Gear	90km/h(56.3 mph)

## Fuel tank

The fuel tank is located at the left rear of Vehicle next to Engine Compartment. Remove the fuel tank cap by turning counter clockwise when fill gasoline.



### CAUTION:

- Make sure the fuel tank is fastened to frame and that the cap is tight by turning clockwise.
- Only use unleaded fuel, or it will cause engine damage.
- Never over fill fuel in the tank and avoid spills.
- Always keep the fuel tank cap clean.

## Seats and seat belts

Your vehicle is equipped with a 4-point harness system and you must make sure that they are used at all times when operating your vehicle and adjusted properly.

### Seats

To slide the seat back and forward on your vehicle, pull the lever located in the front of the seat upward, hold the lever and adjust the seat to the desired position. Be sure the adjustment lever is back on its full lock position and the seat is locked in place.



1. Move the Seats backwards or forwards to desired position.
2. Release the lock lever, so the Seat is locked and in the position you want.

## Seat belts

Your vehicle is equipped with a four-point harness system for both driver and passenger. Always wear the seat belt when operating the vehicle. To wear the seat belt properly, please see the following diagram:



1. Insert the each belt though the belt hole in the seat, and ensure belt is properly attached.
2. Insert the latch into the receiver latch making sure the belt is not twisted and is not obstructed by any portion of the vehicle, your clothing, or any equipment you are carrying.
3. Lock the latch into other end and pull on the straps tightly and make sure it is secure.
4. To release the buckle, push the Red Button.

## Start engine

1. Parking Brake should be engaged.
2. Make sure the gear shifter is in the neutral position.
3. Press in on the clutch pedal.
4. Turn the key clockwise to the "start" position and hold it for less than 5 seconds, if engine does not start, repeat again until the engine is started. Release the key and the clutch pedal when the engine starts. Keep engine running for 1-2 minutes before driving.

## CAUTION:

- Do not attempt to start or operate the engine until completely familiar with the location and use of each control necessary to operate this vehicle. The operator must know how to stop this machine before starting and driving.
- Each time prior to starting the engine, check the throttle assembly to ensure that when 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 unable to correct the problem through lubrication, adjustment or replacement of worn parts, contact your dealer for assistance.
- Before you start the engine, check that the parking brake is engaged, the gear shift lever is in neutral and the clutch pedal is depressed.
- Release the key at once when the engine starts. Holding the key in start position when the engine is running will cause damage to the starter motor.
- If the engine does not start after 5 seconds, a second attempt to start the engine can be allowed. Improper operation could damage the engine.

## **Stop engine**

1. It is strongly recommended to bring the vehicle to a complete stop before shutting off engine.
2. Make sure the gear shift lever is in the neutral position.
3. Place the parking brake on by pulling up on the lever.
4. Turn the key clockwise to the "off" position.

## **CAUTION:**

Before driving this vehicle, test the Ignition key to assure that it is operating properly.

## Passenger

The vehicle allows for two riders only.

## CAUTION:

All passengers should always wear the seat harness at all time and wear protective gear.

## Break-in

The first month's is the most important to the life of your vehicle. Proper operation during this break-in period will help assure maximum life and performance from your new vehicle. The following guidelines explain proper break-in procedures.

1. After the engine starts, never allow engine above 2000 rpm in the neutral position.
2. Drive vehicle from a stop to a low speed slowly.
3. Avoid heavy braking.
4. Do not exceed the vehicle speed on the below schedule.

The speed of vehicle	The first 1000 km		
Max speed in each gear	1st	Gear	20km/h(12.5mph)
	2nd	Gear	35km/h(21.9mph)
	3rd	Gear	54km/h(33.8mph)
	4th	Gear	73.3km/h(45.8 mph)
	5th	Gear	90km/h(56.3 mph)

## Starting and operating instructions

- Before starting the engine, be sure that the driver is seated properly and tighten the seat belts.
- Test your vehicle in an open place in the beginning to learn how to start, turn and stop.
- Operate your vehicle slowly until you are familiar with it.
- The turning radius of your vehicle is short and agile, so the centrifugal force is very high when turning at high speed. Slow down to a more controllable speed when turning to prevent from a rollover.
- To prevent vehicle from a rollover, only turn the vehicle at a slow and controllable speed.

## Maintenance and Service

### Air cleaner

See the standard Air Cleaner for your vehicle below. Under dusty conditions Service more often.

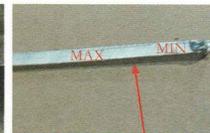
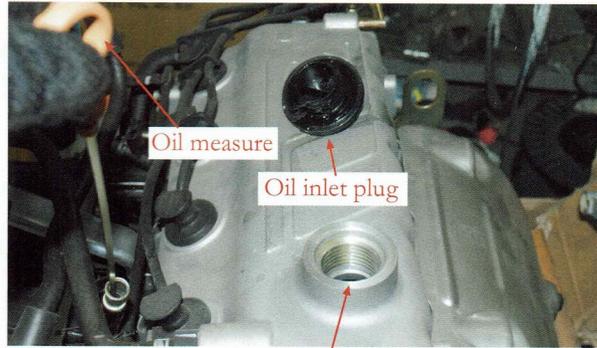
Filter



Remove filter and check if dirty, blow out dust with clean dry air. If necessary, replace the air filter with a new one.

## Replace Engine Oil

1. You must change the oil in the crankcase after the first 5 hours of operating your new engine and after 120 hours or 1000 miles of use thereafter. That will insure proper lubrication of internal parts and prevent costly repairs due to excessive wear.
2. With the engine warm, place the vehicle on the level ground.
3. Stop the engine. Loosen the oil drain plug and remove. Allow for all oil to drain from the engine.
4. Always change the oil filter when changing your oil and only use the proper tools to remove oil filter.
5. Make sure to clean surface good before installing new oil filter and ensure old oil filter gasket was removed. Tighten oil filter by hand and check for leaks after starting.
6. Tighten the engine oil drain plug and be sure to not over tighten and check for leaks after starting.
7. Remove the oil filler cap and fill with high grade SAE 1 OW/30-50 oil. Fill with 3.8 liters to the engine.
8. Allow engine to run at an idle for 5 minutes and then shut off and check the engine oil dip stick, confirm the oil level in the crankcase and never overfill.



Oil measure

Oil outlet

### Check engine oil level

If the color of engine oil changes, you need to replace the engine oil as above. If the oil lever is lower than "L", please add oil, but never more than "F".

### CAUTION:

The oil drain plug is magnetic to attract any engine debris in the oil, always use the proper magnetic oil drain plug.

## Replace Transmission Oil

You must change the oil in the transmission after the first 5 hours of operating of your new engine and after 120 hours or 1 000 miles of use thereafter. That will insure proper lubrication of internal parts and prevent costly repairs due to excessive wear.



Pic 7.3

Place the vehicle on the level ground.

1. Stop the engine. Loosen the drain plug and allow for all oil to drain from the transmission.
2. Fill with 2.0 liters of only high grade API 80(75) W-90 GL-3 Gear Oil
3. Clean the drain plug and threads and install drain plug, be sure to not over tighten. Check for leaks after replacing with new oil.

### **Check transmission oil**

If the color of transmission oil changes, you need to replace oil. Replace transmission oil as above.

### **CAUTION:**

The Transmission Drain Plug is magnetic to attract any engine debris in the transmission, always use the proper magnetic oil drain plug.

## Engine coolant

You must check the coolant level and for leaks before operating each time. If it is low, you need to refill coolant into the radiator. The lack of coolant will cause the engine to overheat and cause engine damage.



### WARNING!

- Opening the radiator cap while the engine is hot can be hazardous
- Opening the radiator cap can spray the high temperature coolant in your eyes, face and any parts of your body. This can result in severe injury. Never open the radiator cap while the engine is hot.
- Children and pets may be harmed by coolant. Keep coolant away from the children and pets.
- Continuous or brief contact with coolant may be dangerous for your health.
- Wear a long sleeve shirt and moisture-proof gloves (such as dishwashing gloves) when you change coolant. If coolant contacts your skin, wash thoroughly with soap and water. Wash any clothing or rags if wet with coolant.
- Harm or damage may occur if use coolant that does not meet the specification (50% standard green coolant and 50% distilled water).
- Recycle or properly dispose of used coolant.

## Idle Speed

The engine is FF1 (electric fuel injection), and the idle speed is preset and controlled by ECU, so never change the idle speed.

It is may be necessary to adjust the accelerator pedal to make sure there is some free travel of the accelerator cable.

## Spark plug inspection

- Check spark plugs according to the Preventative maintenance and service log, if too much carbon will weaken the spark and spark plugs should be replaced.

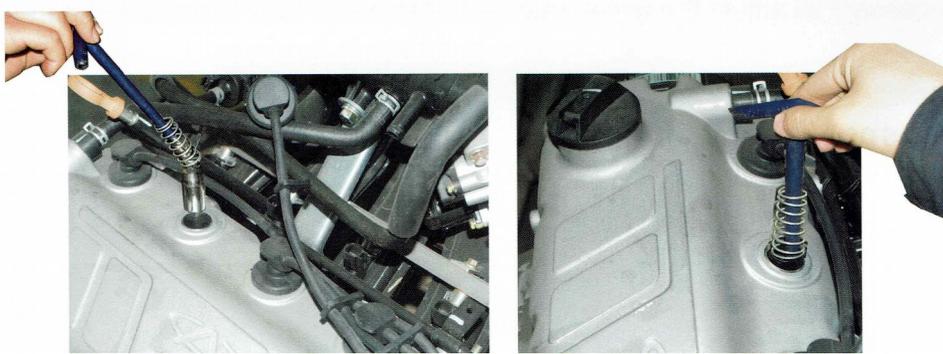


Pic 7.9



## Replace Spark Plugs

The spark plugs should be replaced every 30000km/18641miles. or 18 months. Do the following step by step.



1. Clean the dust in the spark plug seat.
2. Full off the high-voltage wire and remove the spark plug with proper tools.
3. You must gap new spark plugs at the recommended gap of 0.9-1.1 mm/0.035-0.043inch see Pic 7.9
4. Replace new spark plug, and turn a few rounds clockwise, if you have any resistance remove and try again to make sure the threads are engaged correctly.
5. Tighten spark plug with proper tools and torque to 25Nm/18.4Ft-Lb).
6. Connect high-voltage wire in order they were removed.

## **CAUTION:**

### **Engine damage or poor engine performance may occur if:**

1. The spark plug is not installed correctly.
2. Use a non-specified spark plug or improper gap setting.

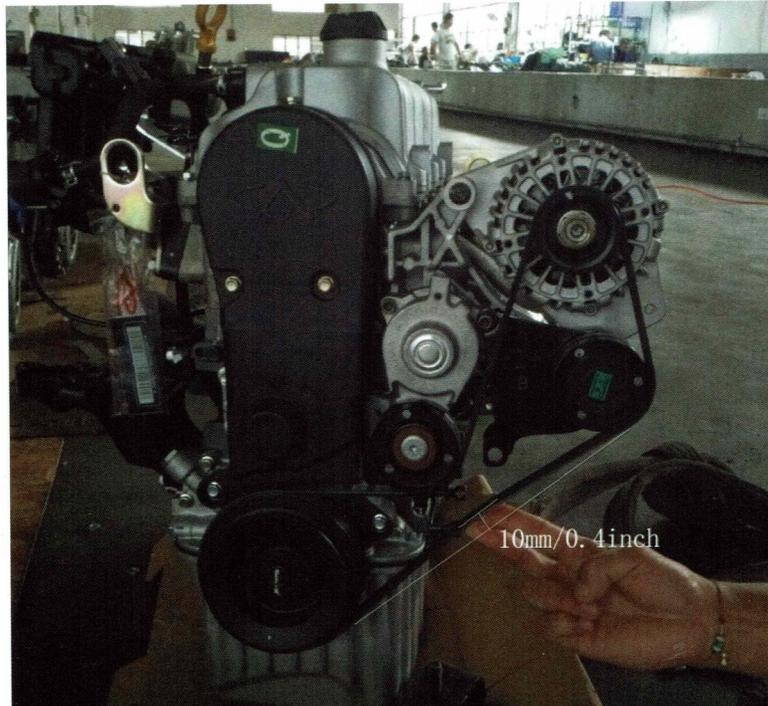
### **To avoid damage, follow the following items:**

1. Tighten spark plug to a required torque (25Nm), over tightening will damage the screw.
2. Never pull on the high-voltage wire, only remove by pulling on the boot.
3. Only use specified spark plug.
4. Make sure spark plug hole seat is clean and clear of any debris.

## Inspection of V-Belt and Replacement

Correct installation and the proper tension will ensure electrical alternator and water pump to operate properly. If belt is worn, cracked or cannot tighten, contact your Fight Wolf 4x4 dealer and replace it immediately.

To check the belt tension: Apply a pressure of about 100Nm/22.48 ft lb. on the belt, if the movement is more than 10mm/0.4inch and the belt has been wearing heavily, it is necessary to replace a new one.



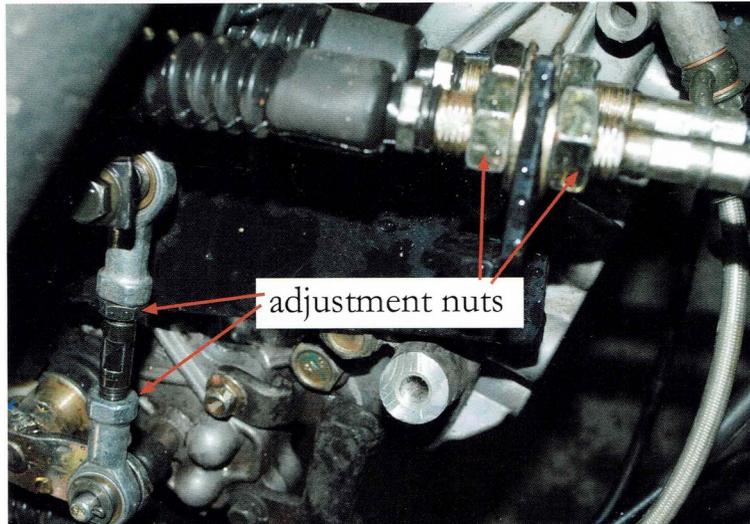
## **WARNING!**

Serious body injury or death may occur to start engine while checking the wedge belt.

## Shifter Cable Adjustment

After use, the shifter cable may need adjustment if the gear position is not accurate or shift lever is in a wrong position, to adjust the shifter cable refer to the Preventative Maintenance and service log.

1. Loosen the adjustment nuts, move the cable forwards or backwards according situation, repeat until you find a position where gear shifter works correctly and the shifter is in a proper position.
2. Repeat step 1 with another shift cable.
3. Tighten all of the adjustment nuts.



## Parking brake adjustment

Over time and use the parking brake cable may need adjustment, so adjust the parking brake cable as referred to in the Preventative Maintenance and service log.



adjustment nuts



adjustment nuts

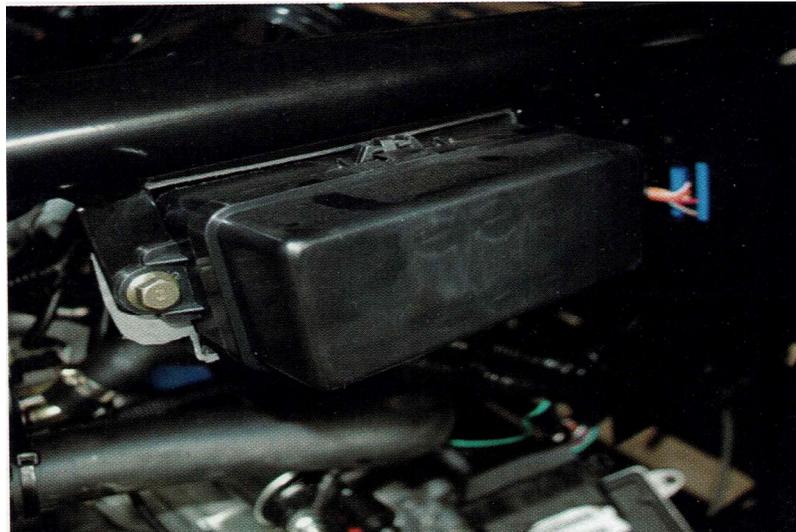
1. Loosen the flange nut M10x1,25 and the thin nut M8 so the cable and the parking brake lever can move freely.
2. Adjust the master rod to make sure the distance between rod holder and the master cylinder L=18mm (0.71 in)-22(0.87in), then fasten the nut.
3. Adjust the round nut M8 and the flange nut M10x1.25 to make sure there is a 10mm (0.4in) free travel for the parking lever, and fasten the nut.
4. If the cable has broken, please change a new one ASAP.

## **WARNING!**

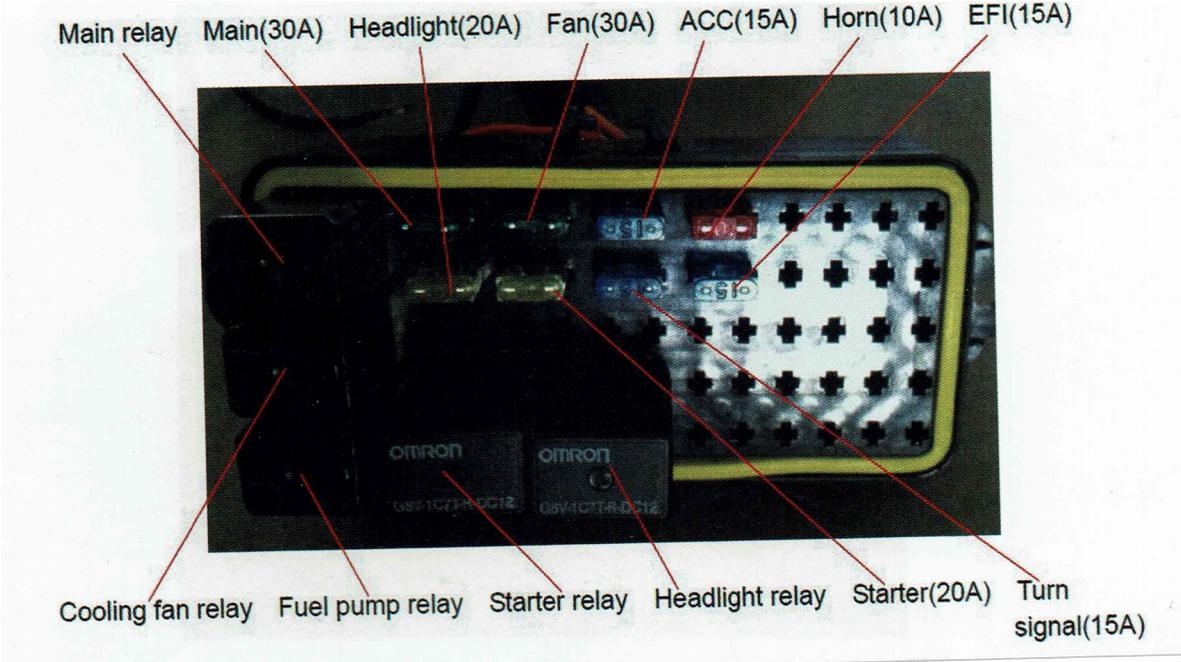
The max slope angle is 11° without load except the driver hen parking brake engaged only of your Renegade, or else, serious injury or damage or rollover may occur.

### **Fuses and Relays**

To change or replace Engine related Fuses and Relays the Box is located in the rear engine compartment. Vehicle Accessories Fuses and Relays are located under the Steering Wheel console.



Engine Fuse Box



Vehicle Accessories Fuses and Relays

## Bulb replacement

To replace the headlight bulb, refer to the photos below:



1. Unplug the wire on side of headlight assembly.
2. Then remove the protective rubber cover at rear of headlight.
3. Unlatch the tab holding bulb inside of housing and takeout the bulb carefully.
4. Disconnect the bulb from the wiring.
5. Connect anew bulb and re-assemble.

## **Preventive Maintenance and Service Log**

**The following pages contain your Vehicle Preventive Maintenance and Service Log. You should review this checklist with your dealer at the time of your purchase. You should return your vehicle to your dealer for service as recommended below. If you choose to service your vehicle yourself, keep accurate record of the service activities. Failure to do so may void your warranty. If you require technical assistance you can call or email your Authorized Distributor for further Technical Support.**

# Preventative Maintenance and Service Log

	Dealership Responsibilities			Recommended Authorized Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
	Assembly	Pre Delivery Inspection	Customer Initials	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
<b>Engine</b>											
1) Drive Belt				TA	TA	TA	TA		TA	TA	TA
2) Tighten Bolts On Engine				TA	TA	TA	TA	TA	TA	TA	TA
3) Engine Oil				RC	LF	LF	RC	LF	LF	LF	RC
4) Exhaust				TA	TA	TA	TA	TA	TA	TA	TA
5) Air Filter				RC	LF	LF	RC	LF	LF	LF	RC
6) Manifold Bolts				TA	TA	TA	TA			TA	TA
7) Pulley Bolts				TA	TA	TA	TA			TA	TA
8) Engine Mounts				TA	TA	TA	TA	TA	TA	TA	TA
9) Engine Breather Tube				IC	IC	IC	IC		IC		IC
10) Carburetor				TA	TA	TA	TA	TA	TA	TA	TA
11) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
<b>Transmission</b>											
12) Transmission Fluid				RC	LF	LF	RC	LF	LF	LF	RC
13) Clutch Pedal				LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA
14) Clutch							RC				RC
15) Shifter				LF/TA	LF/TA	LF/TA	LF/TA			LF/TA	LF/TA
16) Transmission Function				IC	IC	IC	IC		IC	IC	IC
17) Clutch Mount				TA	TA	TA	TA		TA	TA	TA
18) Shifter Cables				LF/TA	LF/TA	LF/TA	LF/TA			LF/TA	LF/TA
19) Transmission Mounts				TA	TA	TA	TA		TA	TA	TA
20) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
<b>Ignition</b>											
21) Coil				IC	IC	IC	IC	IC	IC	IC	IC
22) Distributor For Ignition				IC	IC	IC	IC	IC	IC	IC	IC
23) Plug Wires				IC	IC	IC	IC	IC	IC	IC	IC
24) Throttle Choke Cable				LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA
25) Idle				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
26) All Nuts And Bolts				IC	IC	IC	IC	IC	IC	IC	IC

IC= Inspect And Clean, TA: Tighten And Adjust If Needed, LF= Lubricate And Fill, RC= Replace Or Change

	Dealership Responsibilities			Recommended Authorized Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
	Assembly	Pre Delivery Inspection	Customer Initials	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
<b>Cooling System</b>				IC/LF	IC/LF	IC/LF	RC	IC/LF	IC/LF	IC/LF	RC
27) Coolant Level											
28) Coolant Hose And Clamps				IC	IC	IC	IC	IC	IC	IC	IC
29) Radiator Mount Bolts				TA	TA	TA	TA	TA	TA	TA	TA
30) Radiator Cap				TA	TA	TA	TA	TA	TA	TA	TA
31) Fan				IC	IC	IC	RC	IC	IC	IC	RC
32) Hose Clamps				TA	TA	TA	TA	TA	TA	TA	TA
<b>Fuel System</b>											
33) Fuel Tank Cover				TA	TA	TA	TA	TA	TA	TA	TA
34) Breathe Hose And Joint				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
35) Fuel Hose				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	RC
36) Fuel Hose Clamps				TA	TA	TA	TA	TA	TA	TA	TA
37) Fuel Tank				IC	IC	IC	IC	IC	IC	IC	IC
38) Fuel Filter				IC	IC	RC	IC			IC	RC
39) Fuel Regulator				TA	TA	TA	TA	TA	TA	TA	TA
40) Fuel Pump				IC	IC	IC	RC		IC	IC	RC
<b>Drive Train</b>											
41) Axles				IC	IC	IC	IC	IC	IC	IC	IC
42) Cv Joint				IC	IC/LF	IC	RC			IC	RC
43) Drive Shaft				LF	LF	LF	LF		LF		LF
44) Cv Bouts				IC	IC	IC	RC	IC	IC	IC	RC
45) Spindle				TA	TA	TA	TA	TA	TA	TA	TA
46) Bearings				IC/LF	IC/LF	IC/LF	RC		IC	IC	RC
47) Castle Nuts				TA	TA	TA	TA	TA	TA	TA	TA
48) Cotter Pins				RC	RC	RC	RC	RC	RC	RC	RC
49) Differential Front				TA	TA	TA	TA	TA	TA	TA	TA
50) Differential Front Cable				TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF
51) Front Gear Oil				RC	LF	RC	LF	LF	LF	RC	RC

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	Dealership Responsibilities			Recommended Authorized Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
	Assembly	Pre Delivery Inspection	Customer Initials	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
78) Connection				IC	IC	IC	IC	IC	IC	IC	IC
79) Voltage Regulator				IC	IC	IC	IC	IC	IC	IC	IC
80) Gauges				IC	IC	IC	IC	IC	IC	IC	IC
81) Lighting				IC	IC	IC	IC	IC	IC	IC	IC
82) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
83) Horn				IC	IC	IC	IC	IC	IC	IC	IC
<b>Suspension</b>											
84) Tires				IC	IC	IC	IC	IC	IC	IC	IC
85) Tire Air Pressure				TA	TA	TA	TA	TA	TA	TA	TA
86) Wheels And Bearing				LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA	LF/TA
87) A-Arms				TA	TA	TA	TA	TA	TA	TA	TA
88) Swing Arms				TA	TA	TA	TA	TA	TA	TA	TA
89) Shocks Rear				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
90) Tighten Nuts On The Hub And Wheel				TA	TA	TA	TA	TA	TA	TA	TA
91) Shock Bolts				TA	TA	TA	TA	TA	TA	TA	TA
92) A-Arm Bolts				TA	TA	TA	TA	TA	TA	TA	TA
93) Tie Rod				TA	TA	TA	TA	TA	TA	TA	TA
94) Ball Joint				TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF
95) Hein Joints				TA	TA	TA	TA	TA	TA	TA	TA
96) Shocks Front				TA	TA	TA	TA	TA	TA	TA	TA
97) Nitrogen				TA	TA	TA	TA	TA	TA	TA	TA
98) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA
<b>Steering</b>											
99) Steering Wheel				TA	TA	TA	TA	TA	TA	TA	TA
100) Steering Box				TA/LF	TA/LF	TA/LF	TA/LF		TA/LF	TA/LF	TA/LF
101) Steering Rod Bolts				TA	TA	TA	TA	TA	TA	TA	TA
102) Ball Joints				TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF	TA/LF
103) Rod Ends				TA	TA	TA	TA	TA	TA	TA	TA
104) Hein Joint				TA	TA	TA	TA	TA	TA	TA	TA
105) All Nuts And Bolts				TA	TA	TA	TA	TA	TA	TA	TA

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	Dealership Responsibilities			Recommended Authorized Dealer or Service Center				Operators Responsibilities Also check prior to each ride			
	Assembly	Pre Delivery Inspection	Customer Initial	10 hour or 250 miles	40 hour or 500 miles	80 hours or 750 miles	120 hours or 1000 miles	Weekly	Monthly	Quarterly	Yearly
<b>Chassis</b>											
106) Welds				IC	IC	IC	IC	IC	IC	IC	IC
107) Roll Bar Connection				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
108) Floor Panels				TA	TA	TA	TA	TA	TA	TA	TA
109) Skid Plates				TA	TA	TA	TA	TA	TA	TA	TA
110) Winch Function				IC	IC	IC	IC	IC	IC	IC	IC
111) Winch Mount				TA	TA	TA	TA	TA	TA	TA	TA
112) Seat Belts				TA	TA	TA	TA	TA	TA	TA	TA
113) Seat Belt Mounts				TA	TA	TA	TA	TA	TA	TA	TA
<b>Cosmetics</b>											
114) Body Kits				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
115) Hood				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
116) Dump Bed				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
117) Safari Rack				IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA	IC/TA
118) Light Bar Rack				TA	TA	TA	TA	TA	TA	TA	TA
119) Dash Panel				TA	TA	TA	TA	TA	TA	TA	TA
120) Seats				TA	TA	TA	TA	TA	TA	TA	TA

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## WARRANTY REGISTRATION

The following page contains your New Fight Wolf 4x4 Vehicle Pre-Delivery Inspection form. The Dealer is required to inspect and review this checklist with you at the time of your purchase. Make sure that all the Assembly and Pre-Delivery Inspection boxes have been checked. Failure to do so may void your warranty. In order to activate your vehicle warranty, this Pre-Delivery Inspection along with the Product Information Card, will need to be returned to the Authorized Distributor at the time of purchase.

# DEALER PRE-DELIVERY INSPECTION

**SOLD TO:**

Customer Name \_\_\_\_\_

We have determined that your vehicle is safe to operate

YES  NO

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_ Contact Person \_\_\_\_\_ Phone \_\_\_\_\_

Phone \_\_\_\_\_ Name \_\_\_\_\_ Fax \_\_\_\_\_ Cell \_\_\_\_\_

Technician \_\_\_\_\_ Supervisor \_\_\_\_\_

SALE DATE:		DELIVERY DATE:		YEAR:		MAKE:		VIN #:		COLOR:	
ITEM	OPERATIONAL		ITEM	OPERATIONAL		ITEM	OPERATIONAL		ITEM	OPERATIONAL	
Paint	Yes	No	Carburetor	Yes	No	Mirror	Yes	No	Rear Diff	Yes	No
Lug Nuts	Yes	No	Throttle Cable	Yes	No	Battery	Yes	No	Wheel Bearings	Yes	No
Axle Nuts	Yes	No	Choke Cable	Yes	No	Ignition	Yes	No	Blinkers	Yes	No
Tie Rods	Yes	No	Emergency Brake	Yes	No	Gauges	Yes	No	Fuel Lines	Yes	No
Axles	Yes	No	Charging System	Yes	No	Switches	Yes	No	Steering Wheel	Yes	No
CV Joint	Yes	No	Tires/Wheels	Yes	No	Fluids	Yes	No	Clutch	Yes	No
Seats	Yes	No	Cooling System	Yes	No	Gas	Yes	No	Belts	Yes	No
Seat Belts	Yes	No	Winches	Yes	No	Engine Oil	Yes	No	Brake Pedal	Yes	No
Wiring Harness	Yes	No	A Arms	Yes	No	Transmission Fluid	Yes	No	EPA Sticker	Yes	No
Brakes	Yes	No	Swing Arms	Yes	No	Gear Oil	Yes	No	Carb Sticker	Yes	No
Brake Lines	Yes	No	Shocks	Yes	No	Shock Oil	Yes	No	Oil Vent System	Yes	No
Brake Pads	Yes	No	Steering Boy	Yes	No	Coolant Fluid	Yes	No			
Shifter	Yes	No	Lights	Yes	No	Brake Fluid	Yes	No			
Throttle Pedal	Yes	No	Horn	Yes	No	Front Diff	Yes	No			

**REMARKS:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Dealer Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_ Contact Person \_\_\_\_\_ Phone \_\_\_\_\_

Phone \_\_\_\_\_ Name \_\_\_\_\_ Fax \_\_\_\_\_ Cell \_\_\_\_\_

Dealers Signature \_\_\_\_\_ Date \_\_\_\_\_

I agree to terms and conditions \_\_\_\_\_  
 Customer Signature \_\_\_\_\_ Date \_\_\_\_\_

**This form registers warranty**

## **PRODUCT REGISTRATION FORM**

TO MAKE YOUR VEHICLE ELIGIBLE FOR WARRANTY ISSUES, PLEASE FILL OUT THE FOLLOWING WARRANTY REGISTRATION CARD. RETURN THE COMPLETED PRODUCT REGISTRATION CARD, A COPY OF YOUR SALES INVOICE AND PRE-DELIVERY INSPECTION FORM TO THE DISTRIBUTOR VEHICLE WAS PURCHASED FROM. FORMS MAY BE SUBMITTED BY ANY OF THE FOLLOWING METHODS.

\* NOTE: THE PRODUCT REGISTRATION CARD AND OTHER PRE-DELIVERY INSPECTION FORM MUST BE RECEIVED BY DISTRIBUTOR NO LATER THAN 15 DAYS AFTER DATE OF SALE.

- FAX
- EMAIL
- MAIL

**VEHICLE INFORMATION:**

VIN NUMBER: \_\_\_\_\_

ENGINE SERIAL NUMBER: \_\_\_\_\_

MODEL: \_\_\_\_\_ DATE OF PURCHASE \_\_\_\_\_

DEALERSHIP NAME: \_\_\_\_\_

**OWNER INFORMATION:**

OWNER NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PO BOX/APT NO. \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ CELL PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

**THIS FORM REGISTERS WARRANTY**

This manual is produced according  
to the basic model, the specific  
kind prevail.

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[www.frank-quad.de](http://www.frank-quad.de)