



SAFETY INFORMATION

This manual was developed to assist the owner-operator in maintaining the unit in accordance with the procedures developed by Bad Boy Enterprises. To reduce the chance of personal injury and/or property damage, the following instructions must be carefully observed:

GENERAL

It is impossible to anticipate and warn against every possible combination of circumstances that may occur. No warnings can take the place of good common sense and prudent driving practices.

If you have any questions, contact your closest Bad Boy representative or the home office at 866-678-6701.

This vehicle conforms to the current applicable standard for safety and performance requirements.

These vehicles are designed and manufactured for off-road use. They do not conform to Federal Motor Vehicle Safety Standards and are not equipped for operation on public streets.

With electric powered vehicles, be sure that all electrical accessories are grounded directly to the battery (-) post. **NEVER USE THE CHASSIS OR BODY AS A GROUND CONNECTION.**

Never modify the vehicle in any way that will alter the weight distribution of the vehicle, decrease its stability or increase the speed beyond the factory specification. Such modifications can cause serious personal injury or death.

Bad Boy Enterprises prohibits and disclaims responsibility for any such modifications or any other alteration which would adversely affect the safety of the vehicle.

GENERAL OPERATION

- Always ensure that Forward/Reverse switch is in the Neutral position before turning key switch to "On" position.
- Always follow all safety rules established in the area where vehicle is being operated.
- Always reduce speed to compensate for poor terrain or conditions.
- Always use the vehicle in a responsible manner and maintain the vehicle in safe operating condition.
- Always read and observe all warnings and operation instruction labels affixed to the vehicle.



- Always apply service brake to control speed on steep grades.
- Always maintain adequate distance between vehicles.
- Always reduce speed in wet areas.
- Always use extreme caution on steep grades or side hills.
- Always use extreme caution when approaching sharp or blind turns.
- Always use extreme caution when driving over loose terrain.

(Do not operate Buggy in water deeper than the center of the axle (about 10 inches). Do not submerge motors in water. Do not spray or splash water directly on the controller or battery compartment when operating or washing Buggy. Failure to follow these procedures could result in a catastrophic or potentially hazardous malfunction.)

MAINTENANCE

Always ensure that mechanics performing repairs are trained and qualified to do so.

Always follow the manufacturer's directions if you do any maintenance on your vehicle. Be sure to disable the vehicle before performing any maintenance. Disabling includes removing the key from the key switch and removal of a battery wire.

Always insulate any tools used within the battery area in order to prevent sparks or battery explosion caused by shorting the battery terminals or associated wiring. Remove the batteries or cover exposed terminals with an insulating material.

Always check the polarity of each battery terminal and be sure to rewire the batteries correctly.

Always use specified replacement parts. Never use replacement parts of lesser quality.

Always use recommended tools.

Always determine that tools and procedures not specifically recommended by the manufacturer will not compromise the safety of personnel nor jeopardize the safe operation of the vehicle.

Always support the vehicle using wheel chocks and safety stands. Never get under a vehicle that is supported by a jack.

Never attempt to maintain a vehicle in an area where exposed flame is present or persons are smoking.

Always be aware that a vehicle that is not performing as designed is a potential hazard and must not be operated.



The manufacturer cannot anticipate all situations, therefore people attempting to maintain or repair the vehicle must have the skill and experience to recognize and protect themselves from potential situations that could result in severe personal injury or death and damage to the vehicle. Use extreme caution and, if unsure as to the potential for injury, refer the repair or maintenance to a qualified mechanic.

Always test drive the vehicle after any repairs or maintenance. All tests must be conducted in a safe area that is free of both vehicular and pedestrian traffic.

Always replace damaged or missing warning, caution or information labels.

Always keep complete records of the maintenance history of the vehicle.

VENTILATION

Hydrogen gas is generated in the charging cycle of batteries and is explosive in concentrations as low as 4%. Because hydrogen gas is lighter than air, it will collect in the ceiling of buildings necessitating proper ventilation. Five air exchanges per hour are considered the minimum requirement.

Never charge a vehicle in an area that is subject to flame or spark. Pay particular attention to natural gas or propane gas water heaters and furnaces.

Always use a dedicated circuit for each battery charger. Do not permit other appliances to be plugged into the receptacle when the charger is in operation.

SAFETY

SERIAL NUMBER LOCATION

The serial number is located on a tag on the driver side of the vehicle in the glove compartment. Design changes take place on an ongoing basis. In order to obtain correct components for the vehicle, the manufacturing date and serial number must be provided when ordering service parts.

SERVICING THE VEHICLE

In any product, components will eventually fail to perform properly as the result of normal use, age, wear or abuse.

It is virtually impossible to anticipate all possible component failures or the manner in which each component may fail.

Be aware that a vehicle requiring repair indicates that the vehicle is no longer functioning as designed and therefore should be considered potentially hazardous. Use extreme care when working on any vehicle. When diagnosing, removing or replacing any components that are not



operating correctly, take the time to consider the safety of yourself and others around you if the component should move easily.

Some components are heavy, spring loaded, highly corrosive, explosive or may produce high amperage or reach high temperatures. Battery acid and hydrogen gas could result in serious bodily injury to the technician/mechanic and bystanders if not treated with utmost caution. Be careful not to place hands, face, feet, or body in a location that could expose them to injury should an unforeseen situation occur.

To reduce the possibility of causing an electrical arc, which could result in a battery explosion, turn off all electrical loads from the batteries before removing any heavy gauge battery wires.

Wear eye protection when working on or around vehicle. In particular, use care when working around the batteries, or when using solvents or compressed air.

REAR & FRONT AXLE

The lubricant level should be checked monthly. The rear & front axles are provided with a lubricant level check/fill plug located on the bottom of the differential. Unless leakage is evident, the lubricant need only be replaced every 6 months.

CHECKING THE LUBRICANT LEVEL

Clean the area around the check/fill plug and remove plug. The correct lubricant level is just below the bottom of the threaded hole. If lubricant is low, add as required. Add lubricant slowly until lubrication starts to seep from the hole. Install the check/fill plug. In the event that the lubricant is to be replaced, the vehicle must be elevated and the oil pan removed or the oil siphoned out through the check/fill hole.

DAILY BRAKE TEST

After the vehicle has been put into service, it is recommended that the brakes be checked daily by performing the following test:
Determine the braking performance of the vehicle by latching the parking brake at a common point on a flat, dry, clean paved surface while traveling at maximum speed. Observe the vehicle stopping location. If the vehicle stops in a significantly greater distance than normal or pulls to one side, it should be tested again.
If the vehicle fails the second test, it should immediately be removed from service until the brakes are repaired.

TRAILERING

- ***Do not ride on a vehicle being trailered***
- ***Remove the windshield before trailering***

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If the vehicle is to be transported on a trailer at highway speeds, the windshield must be removed and the seat bottom secured. Always check that the vehicle and contents are adequately secured before trailering the vehicle. The rated capacity of the trailer used must exceed the weight of the vehicle (1700#) and load plus 1000 lbs. Lock the parking brake and secure the vehicle to the trailer using ratchet tie down.

- **Do not hook tie downs to the front bumper or use the winch to secure the vehicle to the trailer.**

WHEELS AND TIRES

The correct tire pressure for the Buggy's tires is 10 psi. When the user's Bad Boy Buggy arrives, the tires will be inflated to 20 psi. This means the tires will need to be deflated somewhat prior to first use. Failure to correct tire pressure may result in a rough ride, squeaking, and undue stress and wear on suspension components.

Tire condition should be inspected on a daily basis. Inflation pressure should be checked on a weekly basis when the tires are cool.

Never exceed inflation pressure rating on tire sidewall.

Use caution when inflating tires. Due to the low volume of these small tires, over inflation can occur in a matter of seconds. Over inflation could cause the tire to separate from the wheel or cause the tire to explode, either of which could cause personal injury.

MOTOR

Do not hold vehicle on hill by using accelerator and motor. Leaving motor in a stalled condition for more than 3-4 seconds will cause permanent damage to the motor!

Disconnect the negative battery cable with an insulated wrench before attempting to remove wires from the motor. The shorting of motor wires could cause an explosion.

BATTERIES AND CHARGING

After receiving a Bad Boy Buggy, the user must run the batteries as close to completely drained as possible, followed by a complete recharge before the next use. Repeat this process two, preferably three times. Doing so will ensure maximum memory and charge capacity for the Bad Boy Buggy. After the initial draining and recharging, this procedure should be repeated two or three times per year to maintain battery memory and ensure maximum charge capacity. Never leave a Bad Boy Buggy plugged into the charger continuously for more than 48 hours. User must read all instructions included with the charging unit prior to charging.

- Be sure the key switch is off and all electrical accessories are turned off before starting work on vehicle.
- Never disconnect a circuit under load at a battery terminal.
- Use care not to tip batteries when removing or installing them; spilled electrolyte can cause burns and damage.



The electrolyte in a storage battery is an acid solution which can cause severe burns to the skin and eyes. Treat all electrolyte spills to the body and eyes with extended flushing with clear water. Contact a physician immediately.

Always wear a safety shield or approved safety goggles when adding water or charging batteries.

Overfilling batteries may result in electrolyte being expelled from the battery during the charge cycle. Expelled electrolyte may cause damage to the vehicle and storage facility.

Aerosol containers of battery terminal protectant must be used with extreme care. Insulate the metal container to prevent the metal can from contacting battery terminals which could result in an explosion.

Wrap wrenches with vinyl tape to prevent the possibility of a dropped wrench from shorting out a battery, which could result in an explosion and severe personal injury or death.

Before charging the batteries, inspect the plug of the battery charger and vehicle receptacle housing for dirt or debris.

Routinely inspect all wiring for fraying, loose terminations, corrosion or deterioration of insulation. Clean the batteries and wire terminations. Check that the electrolyte level is correct and add suitable water as required (**distilled water only**)

The electrolyte level is important since ANY PORTION of the plates exposed to air will be ruined beyond repair. Of equal importance is too much water which will result in electrolyte being forced out of the battery due to gassing and the increase in volume of the electrolytes that results from the charging.

ACCESSORIES

The Bad Boy Buggy comes with an optional ATV winch. Read all safety information posted on the winch. The rated capacity of this winch is 2500 lbs. Do not exceed rated capacity for the winch. When winching Buggy out of mud or debris, attach hook and cable as high on anchor point as is safely possible, preferably at least as high as the winch is off the ground. Repeatedly attaching winch to an anchor point too low to the ground will cause undue stress and can potentially damage springs and suspension components.

Always keep hands, fingers and all other body parts clear of winch assembly. Failure to use extreme caution with winch may result in severe bodily injury or death.

The Bad Boy Buggy comes with an optional Rugged Gear Gun Rack. The gun rack is designed for an **uncased** weapon. Check all state/provincial, local and federal regulations regarding the carriage of an uncased gun on a vehicle. Bad Boy Enterprises is not responsible for any fines incurred by not following weapon transport laws.