



TERLINGUA

2025

LITHIUM POWERED 4X4

Owner's Manual

Warranty information appears at the end of this manual. No other warranties, expressed or implied, are contained herein. Your authorized representative checked the vehicle before it was delivered to you and will provide you with a copy of the completed vehicle warranty registration form.

HuntVe is not liable for errors in this manual or for incidental or consequential damages that result from the use of the material in this manual.

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Martex Global Enterprise L.L.C. reserves the right to make design changes to vehicles without obligation to make these changes on units previously sold.

These vehicles do not conform to Federal Motor Vehicle Safety Standards for automobiles or to FMVSS 500 for low-speed vehicles, and are not equipped for operation on public streets, roads, or highways.

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FOREWORD

Thank you for choosing HuntVe™, the industry leader in vehicle efficiency and long-lasting value. You have chosen the finest vehicle on the market. Please protect your investment and ensure that your HuntVe vehicle(s) provides years of reliable, superior performance by reading and following the maintenance instructions in this manual.

Your comfort and safety are important to us, so we urge you to read and follow the step by-step operating instructions and safety procedures in this manual. These instructions must be followed to avoid the risk of severe personal injury. If you rent or loan your vehicle to others, we recommend that you ask them to read this manual before they operate the vehicle.

HuntVe products are backed by a customer support system designed to offer you fast, courteous service. If your HuntVe vehicle needs repairs or service, we recommend that your local authorized HuntVe representative perform them. For the name and address of the HuntVe representative nearest you, log on to our web site at www.HuntVe.com or call 1.888.554.5953. Your local authorized HuntVe representative can also provide technical advice, parts, and service manuals.

We hope you will consider this owner's manual a permanent part of your HuntVe vehicle. If you sell the vehicle, please include the manual so that the next owner will have the important operating, safety, and maintenance information it contains.

SAFETY INFORMATION

The following pages contain safety feature identification information. For detailed information on specific features, read the appropriate section in this manual.

PRACTICE SAFETY

Safety signs like you see above may at first seem shocking, but their impact is mild compared with the reality of severe personal injury.

Your safety and satisfaction are of the utmost importance to us. That is why before operating the vehicle, we urge you to review the information in this manual. Understand and become familiar with the DANGER, WARNING, and CAUTION statements and procedures it contains, along with the safety decals that are affixed to your vehicle. Take time to understand the language of safety. It is a language that can save your life.

PROPOSITION 65 – STATE OF CALIFORNIA

WARNING

This product contains or emits chemicals or substances that have been determined by the state of California to cause cancer and birth defects or other reproductive harm.

SAFETY DETAILS

WARNING

This owner's manual should be read completely before attempting to drive or service the vehicle. Failure to follow the instructions in this manual could result in property damage, severe personal injury, or death.

It is important to note that some vital statements throughout this manual and on the decals affixed to the vehicle are preceded by the words DANGER, WARNING, or CAUTION. For your protection, we recommend that you take special notice of these safety precautions. Safety precautions are essential and must be followed.

Throughout this manual the word "vehicle" is used in reference to any vehicles covered in this manual or may be used when referring to all vehicles.

If any of the operation or safety decals on the vehicle become damaged, have been removed or cannot be easily read, they should be replaced immediately to avoid possible property damage, personal injury, or death. Contact your dealer.

DANGER

A DANGER indicates an immediate hazard that will result in severe personal injury or death.

WARNING

A WARNING indicates a hazard that could result in personal injury.

CAUTION

A CAUTION with the safety alert symbol indicates a hazard or unsafe practice that could result in minor personal injury.

CAUTION

A CAUTION without the safety alert symbol indicates a potentially hazardous situation that could result in property damage.

GENERAL WARNINGS

The following safety statements must be heeded whenever the vehicle is being operated, repaired, or serviced. Other specific safety statements appear throughout this manual and on the vehicle.

DANGER

Battery – Explosive gases! Do not smoke. Keep sparks and flames away from the vehicle and service area. Ventilate when charging or operating vehicle in an enclosed area. Wear a full-face shield and rubber gloves when working on or near batteries.

The vehicle will not provide protection from lightning, flying objects, or other storm-related hazards. If caught in a storm while driving a HuntVe vehicle, exit the vehicle and seek shelter in accordance with applicable safety guidelines for your location.

WARNING

Follow the procedures exactly as stated in this manual, and heed all DANGER, WARNING, and CAUTION statements in this manual as well as those on the vehicle and battery charger.

Do not leave children unattended in the vehicle.

Prior to leaving the vehicle unattended or servicing the vehicle, set the park brake, place the Forward/Reverse switch in the NEUTRAL position, turn the key switch to the OFF position, and remove the key.

Chock the wheels when servicing the vehicle.

Improper use of the vehicle or failure to properly maintain it could result in decreased vehicle performance, severe personal injury, or death.

Any modification or change to the vehicle that affects the stability or handling of the vehicle, or increases maximum vehicle speed beyond factory specifications, could result in severe personal injury or death.

Check the vehicle for proper location of all vehicle safety and operation decals and make sure they are in place and are easy to read.

Only trained technicians should service or repair the vehicle or battery charger. Anyone doing even simple repairs or service should have knowledge and experience in electrical and mechanical repair.

The appropriate instructions must be used when performing maintenance, service, or accessory installation.

No more than the design passenger capacity (2 or 4 persons) should be in the vehicle at one time. Do not allow a passenger to ride in a cargo area.

Stop the vehicle completely before shifting the Forward/ Reverse switch.

To help prevent overturning the vehicle, drive slowly straight up and down slopes. Avoid driving on the side of hills or slopes exceeding 20% incline.

To help avoid the possibility of losing control of or overturning the vehicle, reduce speed for adverse driving conditions such as wet grass or rough terrain.

Do not drive while under the influence of alcohol, drugs, or medication.

GENERAL INFORMATION

HuntVe Electric Vehicles:

Place Tow/Run switch (see location on page 11) in the TOW position before working on the 12v system (Adding or removing circuits to and from the fuse block) The high voltage circuits will remain live including the distribution blocks under the hood hatch until the batteries are powered down (Turned off). Failure to heed this warning could result in a battery explosion or severe personal injury. *Furthermore, damage may result to the entire electronic system causing failure of the speed controllers.*

During service repair, to avoid unintentionally starting the vehicle, Power down the batteries as shown. To power down the batteries 1) Ensure the Tow/Run switch is in the TOW (off) position 2) Press the power button located on the end of the battery, wait 90 seconds for the controller capacitors to discharge.

Wear safety glasses or approved eye protection when servicing the vehicle or battery charger.

Wear a full-face shield and rubber gloves when working on or near batteries.

Do not wear loose clothing or jewelry such as rings, watches, chains, etc., when servicing the vehicle or battery charger.

Use insulated tools when working near batteries or electrical connections.

Use extreme caution to avoid shorting of components or wiring.

Never submerge the vehicle in water.

Charge the vehicle in a 50 degree or above environment for maximum charge efficiency.

To protect motor(s), **DO NOT drive the vehicle in rough terrain or high-grade climbing when in a low state of charge.**

To maximize motor performance, always use momentum of vehicle in hill climbing and muddy environments.

Never allow vehicle batteries to completely discharge. In the event batteries discharge to the point the vehicle will not run, contact a HuntVe service center if the charger will not turn on and recharge batteries. Discharging batteries to a low state of charge will damage batteries.

MODEL IDENTIFICATION

HuntVe™/ Terlingua™/ Switchback™/Game Changer™ Model - The serial number of the vehicle is printed on a decal mounted under the dash, below the switch panel.

(Example: 1HLD42B7BF861001)

***NOTE:** Have the vehicle serial number available when ordering parts or making inquiries.*

CONTROLS AND INDICATORS

If loaning the vehicle, make sure the driver is familiar with all controls and operating procedures before allowing the vehicle to be driven.

Any modification or change to the vehicle that affects the stability or handling of the vehicle, or increases maximum vehicle speed beyond factory specifications, could result in severe personal injury or death.

Do not shift the Forward/Reverse switch while the vehicle is moving. To avoid injury to an unsuspecting passenger or damage to the vehicle, always bring the vehicle to a full stop before shifting the Forward/Reverse handle or switch.

Release the accelerator pedal and then press the brake pedal firmly until the vehicle stops.

To avoid unintentionally starting or rolling the vehicle, set the park brake, place the Forward/ Reverse handle or switch in the NEUTRAL position, turn the key switch to the OFF position, and remove the key when leaving the vehicle.

Never tow a vehicle with the TOW switch in the on position. Motor and controller damage will result.

KEY SWITCH

The key switch is mounted on the dash to the right of the steering column. It has two positions, OFF to the left and ON to the right.

***NOTE:** The key can be removed only when the key switch is in the OFF position.*

HUNTVE VEHICLES

The Forward/Reverse rocker switch is located on the dash assembly upper left position. See The FORWARD and REVERSE positions are clearly marked. Push up for the FORWARD side of the switch to operate the vehicle in the forward direction or push down the REVERSE side of the switch to operate the vehicle in reverse. When the rocker switch is positioned in NEUTRAL, with neither side down, the vehicle will not operate if the accelerator pedal is pressed.

ACCELERATOR PEDAL

The accelerator pedal is the pedal on the right, it is adjustable for height and width. The operation of the accelerator pedal differs from that of an automobile. When the key switch is in the ON position, and the Forward/Reverse switch is in either the FORWARD or REVERSE position, pressing the accelerator pedal will start the vehicle moving in the direction selected (forward or reverse). As the accelerator pedal is pressed, speed will increase until full speed is reached. When the accelerator is released, power will be cut off and the motor will stop running.

BRAKE PEDAL

The brake pedal is the large pedal on the left.

PARK BRAKE PEDAL

The park brake pedal is located below the dash on the left side with the brake logo molded into it. To set the park brake, press the park brake pedal firmly and to release, it press the parking brake pedal a second time.

Note: The park brake may not hold on an incline more than 15%. You will need to chock the tires to prevent the vehicle from rolling.

TOW/RUN SWITCH

When the Tow/Run switch is in the TOW position, all motor braking functions, including zero speed detect, are disabled.

HuntVe vehicles are equipped with a Tow/Run switch (see page 9 for location). The switch must be in the RUN or in the on position to operate the vehicle. When the switch is in the TOW or off position, power to the vehicle electrical components is turned off but the high voltage is still on, and the vehicle will not operate.

NOTE: *After placing the Tow/Run switch in the TOW position, allow 10 seconds to elapse before switching back to the RUN position. Quickly turning the tow switch on and off may confuse or damage the controllers.*

The Tow/Run switch should be placed in the TOW position under the following conditions:

Before Towing the Vehicle: Place the Tow/Run switch in the TOW position to disable all motor braking functions, thus preventing possible damage that could occur to the vehicle or electrical components if the vehicle is towed while the zero speed detect motor braking function is operating.

Before Disconnecting or Connecting Battery Cables: Place the Tow/Run switch in the TOW position to turn off power to the vehicle electrical system, thus preventing severe arcing and possible battery explosion as the battery cables are disconnected.

For Long-Term Storage: Place the Tow/Run switch in the TOW position to turn off power to the vehicle electrical system, thus preventing vehicle electrical components from discharging the batteries.

PRE-OPERATION AND DAILY SAFETY CHECKLIST

Each HuntVe™ vehicle has been thoroughly inspected and adjusted at the factory; however, upon receiving your new vehicle(s), you should become familiar with its controls, indicators, and operation. Carefully inspect each vehicle to ensure that it is in proper working condition before accepting delivery.

Use the following checklist as a guide to inspect the vehicle. This checklist should be used daily to ensure that the vehicle is in proper working condition and in conjunction with the Periodic Service Schedule on page 17. Any problems should be corrected by a HuntVe dealer or a trained technician.

General: All the parts should be in place and properly installed. Be sure that all nuts, bolts, and screws are tight.

Tires: Check for proper tire pressure. Visually inspect tires for wear, damage, and proper inflation daily.

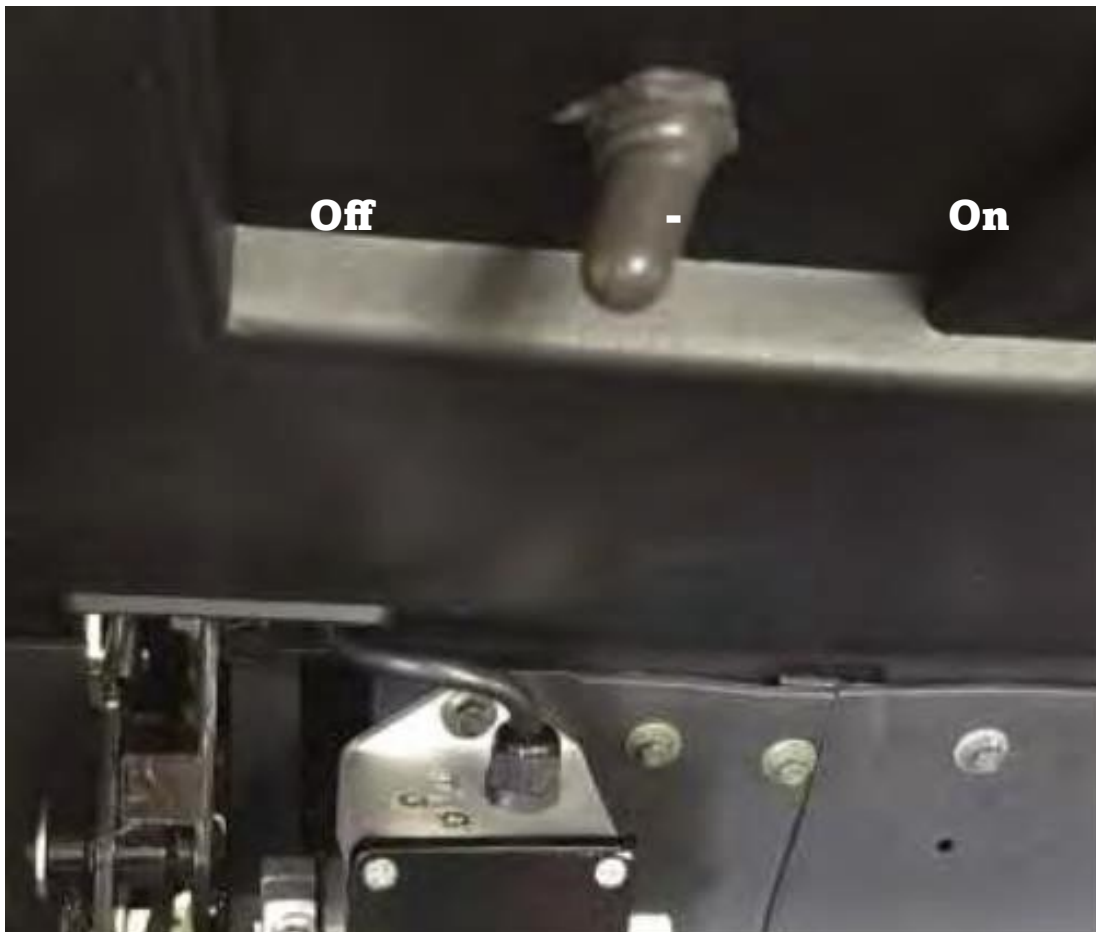
See Specifications – on page 17.

On electric vehicles, charge batteries fully before first use of vehicle.

Charger cord, plug, and receptacle: Visually inspect for cracks, loose connections, and frayed wiring.

See Plug and Receptacle on page 24.

TOW SWITCH LOCATION



PERFORMANCE INSPECTION

After you have familiarized yourself with the vehicle controls and have read and understood the driving instructions, take the vehicle for a test drive.

Use the following checklist as a guide to inspect the vehicle and check daily for proper operation. Any problems should be corrected by a HuntVe dealer or a trained technician.

ALL VEHICLES

Forward/Reverse control: Check for proper operation. **See Controls and Indicators on page 8.**

Brakes: Be sure the brakes function properly. When brake pedal is fully pressed under moderate pressure, it should not go more than halfway to the floor, and vehicle should come to a smooth, straight stop. If the pedal goes more than halfway to the floor, or if the vehicle swerves or fails to stop, have the brake system checked and adjusted as required. Brake adjustment must be maintained so that the brake pedal cannot be pressed to the floor under any circumstance.

Park brake: When latched, the park brake should lock the wheels and hold the vehicle stationary (on an incline of 20% or less). It should release when the park brake pedal is pressed again.

Steering: The vehicle should be easy to steer and should not have any play in the steering wheel.

Accelerator: With the key switch in the ON position and the Forward/Reverse switch in the FORWARD position, as the accelerator pedal is pressed, the motor should start, and the vehicle should come up smoothly to full speed. When the pedal is released, it should return to the original position and the motor should rotate freely. All HuntVe vehicles operate at reduced speed in reverse.

When the pedal is released, it should return to the original position and the motor should rotate freely or go into motor braking mode. **See Pedal Up Motor Braking below.**

General: Listen for any unusual noises such as squeaks or rattles. Check the vehicle's ride and performance. Have a HuntVe dealer or a trained technician investigate anything unusual.

WARNING

Do not operate the vehicle on slopes exceeding 30% grades.

Pedal Up Motor Braking (adjustable on HuntVe vehicles): Accelerate the vehicle to full speed and then release the accelerator pedal. Motor braking should quickly and smoothly slow the vehicle. This feature is adjustable for HuntVe vehicles only. Contact your local HuntVe dealer/distributor to inquire about this adjustable feature.

Pedal Down Driving: Accelerate down an incline with the accelerator pedal pressed. On very steep grades, the vehicle may slightly exceed its maximum designed speed, requiring use of the brake pedal.

DRIVING INSTRUCTIONS

WARNING

Only licensed drivers should be allowed to drive the vehicle.

If loaning the vehicle, make sure the driver is familiar with all controls and operating procedures before allowing the vehicle to be driven.

No more than two people should be in the vehicle at one time, except for the 4-passenger vehicle, which can carry four people.

The vehicle is not specially equipped for handicapped people: Be sure all persons can properly operate the vehicle prior to allowing them to drive the vehicle.

Be sure all passengers can secure themselves in a vehicle before allowing them to ride in one.

⚠ WARNING

For night use, the vehicle must be equipped with headlights, taillights and reflectors.

Stop the vehicle before shifting the Forward/Reverse switch.

Failure to do so may result in injury to an unsuspecting passenger and (or) damage to the vehicle.

To help avoid being struck, do not stand in front of or behind the vehicle.

Operate the vehicle from the driver seat only.

To help prevent falls from the vehicle, remain seated in a moving vehicle and hold on to hand holds or handrails.

Driver should keep both hands on the steering wheel when the vehicle is in motion.

To help prevent the possibility of serious injury, keep your entire body inside the vehicle.

Do not leave children unattended in the vehicle.

To help prevent overturning the vehicle, drive slowly straight up and down slopes. Avoid driving the vehicle on slopes exceeding 40% incline.

To help avoid possible injury to an inattentive passenger and (or) damage to the vehicle, avoid sudden starts, sudden stops, and abrupt turns.

To help avoid the possibility of losing control of or overturning the vehicle, reduce speed for adverse driving conditions such as wet grass or rough terrain. Do not use the vehicle on public roads. It is not designed or intended for street use and should not be licensed for use on public roads. Where applicable, obey all local rules concerning off-road vehicles.

The vehicle should be driven in only specified areas by trained drivers.

Do not drive while under the influence of alcohol, drugs, or medications.

To prevent overturning the vehicle, drive slowly in turns. Use brakes to reduce speed when coasting downhill.

No one should drive the vehicle without first being instructed in the proper operation and use of the vehicle's controls. An experienced operator should accompany each first-time driver on a test drive before allowing him/her to operate the vehicle alone.

To ensure safe operation of the vehicle, follow exact and in order, all the following procedures. Read and understand all instructions prior to driving the vehicle.

STARTING THE VEHICLE

1. Study and understand controls.
2. Read safety warnings located on dash and above pedals.
3. For vehicles with cargo beds: Make sure the load is secure.
4. Make sure everyone is seated and holding onto seat hand holds or handrails.
5. Make sure the wheels are turned in the desired direction and that nothing is in your path.
6. Turn the key to the ON position.
7. Select direction by placing the Forward/Reverse switch in desired position (F = forward or R = reverse).
8. Place both hands on the steering wheel.
9. Release the parking brake. Slowly press the accelerator pedal and the vehicle will start to move. As the accelerator pedal is pressed, speed will increase until full speed is reached.

WARNING

Operator must control vehicle speed when going downhill.

HuntVe vehicles: "Pedal down" or "pedal up" motor braking may be used to help control speed when going downhill; however, steep terrain or other conditions may require that pedal braking be used in conjunction with motor braking.

STOPPING THE VEHICLE

WARNING

Driving through water may affect the brakes. After driving through water, check the effectiveness of the brakes by gently pressing the brake pedal. If the vehicle does not slow down at the normal rate, continue to press the brake pedal until the brakes dry out and normal performance returns.

CAUTION

When stopped on a hill, use the brake pedal to hold your position. Do not use the accelerator pedal to hold position.

To stop the vehicle, release the accelerator pedal and press the brake pedal with your right foot until the vehicle comes to a complete stop.

PARKING AND LEAVING THE VEHICLE

1. After stopping the vehicle, set the parking brake.
2. Turn the key switch to the OFF position and place the Forward/Reverse handle or switch in the NEUTRAL position.
3. Remove the key when the vehicle is not in use.
4. When the Tow/Run switch is in the RUN or ON position, (with the Forward/Reverse switch or key switch in any position), the zero speed detect function will prevent the vehicle from rolling at more than 1 or 3 mph (1.5 or 4.8 km/h) unless the accelerator is pressed.
5. This prevents the possibility of a parked vehicle (with the park brake disengaged) rolling away too fast to be overtaken on foot.

⚠ WARNING

LOADING AND UNLOADING – BOX BED VEHICLES

1. Engage the park brake before loading the vehicle.
2. Do not allow riders in the cargo bed.
3. Do not exceed the rated capacity of the vehicle. Rated capacity is for level surfaces only.

⚠ WARNING

- Overloading can affect vehicle handling or cause component failure, resulting in loss of control of vehicle and possible severe personal injury.
- Reduce speed and avoid sudden stops when backing up. Failure to do so may cause the vehicle to overturn or flip over backwards.
- Avoid stopping on a hill when loaded. If you must stop on a hill, avoid sudden starts, or rolling backwards and stopping suddenly. Failure to heed this warning may cause the vehicle to overturn, possibly resulting in severe personal injury.
- Reduce vehicle load and speed when driving up or down slopes or on uneven terrain.
- Do not load the tailgate. The tailgate should be in the upright position and latched securely while the vehicle is in motion.
- To help avoid shifting the vehicle load and possibly overturning the vehicle, avoid sudden starts, sudden stops, and abrupt turns. Make sure cargo is well-secured.
- The cargo's center of gravity may affect the handling, steering, and braking of the vehicle. When the vehicle is loaded, reduce speed and drive slowly in turns.
- Avoid top-heavy loads. The center of gravity of a load should never exceed 15 inches (38 cm) above the bottom of the cargo bed.
- Unload cargo bed before raising vehicle with a lift, hoist, or jack.

When loading the vehicle, center and secure cargo as far forward as possible in the cargo bed. Do not overload the vehicle. **See the following chart for vehicle capacities.**

Maximum payload capacity 500 lb. (cargo bed load plus gross trailer weight) (68 kg)

Maximum vehicle capacity 1200 lb. (cargo bed load, passengers, plus gross trailer weight) (249.5 kg)

150 lb. force Trailer tongue weight

⚠ WARNING

TOWING WITH THE VEHICLE

- Do not tow a vehicle or trailer on public streets or highways.
- Normal vehicle operating speed should be reduced when towing.
- Extreme caution should be used when towing.
- Total vehicle capacity, including the vehicle load rating and the gross weight of the vehicle or trailer being towed should not exceed the weight previously specified.
- Do not allow riders in the vehicle or trailer to be towed.

- Avoid sudden starts, sudden stops, and tight turns when towing.
- Avoid stopping on a hill when towing. If you must stop on a hill, avoid sudden starts or rolling backwards and stopping suddenly. Failure to heed this warning could cause the vehicle to overturn, possibly resulting in severe personal injury.

Because towing a vehicle or trailer can have adverse effects on vehicle handling, be especially cautious when towing with a HuntVe vehicle. **See the preceding chart for vehicle capacities (page 14).**

Parking the vehicle with a trailer on a hill should be avoided. If you must park on a hill, apply the brakes and have someone chock the tires of the trailer. Brakes should be released to allow the chocks to absorb the load of the trailer. After the tires have been chocked, engage the park brake.

 **WARNING**

TOWING THE VEHICLE

- Do not tow the vehicle on public streets or highways.
- Turn the key switch to the OFF position and place the Forward/Reverse handle or switch in the NEUTRAL position before towing the vehicle.
- Extreme caution should be used when towing any vehicle.
- Do not exceed 5 mph (8 km/h) towing speed.
- Do not allow people in the vehicles to be towed.
- Avoid sudden starts, sudden stops, and tight turns when towing.
- Avoid stopping on a hill when towing. If you must stop on a hill, avoid sudden starts or rolling backwards and stopping suddenly. Failure to heed this warning could cause the vehicle to overturn, possibly resulting in severe personal injury.
- Place the Tow/Run switch in TOW position; otherwise, the vehicle will not roll while being towed.

 **WARNING**

TRANSPORTING ON A TRAILER

- For use on public roads, the trailer must meet all federal, state, and local requirements such as taillights, brake lights, etc.
- Do not tow a HuntVe vehicle behind a passenger vehicle or truck on a public road unless it is on an approved trailer.
- The vehicle to be towed should be tied securely to the trailer, with the Forward/Reverse handle or switch in the NEUTRAL position, the key switch in the OFF position, and the park brake firmly pressed and locked.
- Do not allow people in the trailer or vehicle to be towed.
- Avoid sudden starts, sudden stops, and tight turns when towing. When towing on a trailer, the normal road speed of the tow vehicle should be reduced.

- Because of the added length of the trailer, use caution when making turns. Remove the vehicle windshield and secure the seat bottom before transporting on a trailer.

If the vehicle must be transported over long distances or on public highways, it should be transported on an approved trailer that has the approved load rating of 1800 lb. per vehicle being transported.

NOTE: A two-car trailer should be rated at $2 \times 1800 = 3600$ lb.

STORAGE

See General Warnings on page 6.

⚠ WARNING

- Turn the key switch to the OFF position, remove the key, and leave the Forward/Reverse switch in the NEUTRAL position during storage.
- Place Tow/Run switch in the TOW position. This is to prevent unintentionally starting the vehicle or a fire hazard.
- Do not attempt to charge batteries with bulging case.

PREPARING THE ELECTRIC VEHICLE FOR EXTENDED STORAGE

- Unload the vehicle so that the tires are supporting only the weight of the vehicle.
- Fully charge batteries and leave the charger plugged in. The charger will maintain the proper charge during storage. **See Battery care on page 22.**
- Be sure terminals are tight. Let the terminals dry and then coat them with Battery Terminal Protector Spray.
- Store the vehicle in a cool, dry place. This will minimize battery self-discharge.
- Adjust tires to recommended tire pressure. **See Specifications on page 17.**
- Perform semiannual periodic lubrication. **See Periodic Lubrication Schedule on page 20.**
- Thoroughly clean front body, rear body, seats, battery compartment, and underside of vehicle.
- Do not engage the park brake. Chock the wheels to prevent the vehicle from rolling.
- Keep batteries fully charged during storage.
- **Chargers:** Leave Charger plugged in during storage. The charger will automatically activate when necessary. If charger cannot remain plugged in, or AC power will not be available during extended storage, Turn the Tow Switch off and disconnect a battery cable.

⚠ CAUTION

Be sure to check the batteries and charger monthly to maintain the correct battery charge level and to ensure the charger is operating correctly during storage.

RETURNING THE STORED ELECTRIC VEHICLE TO SERVICE

- If necessary, with Tow Switch off connect batteries and tighten terminals to 110 in-lb. (12.4 NM).

- Fully charge batteries.
- Adjust tires to recommended tire pressure. **See Specifications –on page 17.**
- Perform the Pre-Operation and Daily Safety Checklist on page 16 and the Performance Inspection on page 16.

MAINTENANCE

See General Warnings on page 9.

To ensure trouble-free vehicle performance, it is very important to follow an established preventive maintenance program. Regular and consistent vehicle maintenance can prevent vehicle downtime and expensive repairs that can result from neglect. Use the Pre-Operation and Daily Safety Checklist on page 10, the Performance Inspection on page 16, and the following Periodic Service Schedule and Periodic Lubrication Schedule to keep the vehicle in proper working condition.

Any vehicle not functioning correctly should be removed from use until it is properly repaired. This will prevent further damage to the vehicle and avoid the possibility of injury due to unsafe conditions.

Contact your local HuntVe dealer to perform all repairs and semiannual and annual periodic service.

⚠ WARNING

PERIODIC SERVICE SCHEDULE

- **If any problems are found during scheduled inspection or service, do not operate the vehicle until repairs are made.**
- **Failure to make necessary repairs could result in fire, property damage, severe personal injury, or death.**
- **Do not wear loose clothing or jewelry, such as rings, watches, chains, etc., when servicing the vehicle.**
- **Turn the key switch to the OFF position, remove the key, place the Forward/Reverse handle in the NEUTRAL position, and chock wheels prior to servicing.**
- **Hot!** Do not attempt to service hot motor or resistors. Attempting to do so could cause severe burns.
- **Do not work on the vehicle power train or under the cargo bed when it is loaded.**
- **See General Warnings on page 6.**
- **WARNING Service, repairs, and adjustments must be made per instructions in the maintenance and service manual.**

SPECIFICATIONS – 2-PASSENGER AND 4-PASSENGER

SPECIFICATIONS	2-PASSENGER	4 -PASSENGER
POWER SOURCE		

Drive motor: Direct drive, 72volts DC, shunt-wound, 18 hp front – 20 hp rear	.	.
Transaxle: Double reduction helical gear with 12.3:1 direct drive axle	.	.
Electrical system: 12/72 volts DC	.	.
Batteries: High capacity, Lithium LIPO4	.	.
Charger: Automatic, 72volt; UL and CSA listed	.	.
STEERING/SUSPENSION/BRAKES		
Steering: Self-adjusting rack and pinion	.	.
Front Suspension: Tapered double a-arm with dual coil over hydraulic shocks	.	.
Rear Suspension: Tapered double a-arm with dual coil over hydraulic shocks	.	.
Brakes: 4 wheel hydraulic – 4 wheel disc brakes with lever pull park brake	.	.
BODY/CHASSIS		
Frame/Chassis: Powder coated heavy duty steel	.	.
Front and rear body: ArmorFlex®	.	.
Body finish: Water transfer camo and solid colors	.	.
Tires: Rough terrain with 12"-14" steel/aluminum wheels	.	.
DIMENSIONS/WEIGHT		
Overall length	114 in. (232 cm)	137 in. (348 cm)
Overall width	57 in. (145 cm)	57 in. (145 cm)
Overall height (with canopy)	76 in. (193 cm)	86 in. (196 cm)
Wheelbase	75 in. (190 cm)	101 in. (257 cm)
Ground clearance.	11.75 in. (30 cm)	11.75 in. (30 cm)
Weight (without batteries)	1175 lb.	1300lb.

Forward speed	25 mph	

Curb clearance circle (diameter)	23 ft.
Standard seating capacity (Box bed vehicles)	2
Standard seating capacity (Four-passenger vehicle)	4
LIQUID CAPACITIES	
Transaxle	22 oz. 85/90 gear lube (0.67 liters)
TIRE PRESSURE Front and rear: Off-road tread	18-20 psi

- **NOTE: If the vehicle is constantly subjected to heavy use or severe operating conditions, the preventive maintenance procedure should be performed more often than recommended in the periodic service and lubrication schedules.**
- Both the Periodic Service Schedule and Periodic Lubrication Schedule must be followed to keep vehicle in optimum operating condition.

PERIODIC SERVICE SCHEDULE		
REGULAR INTERVAL	SERVICE	
Daily service by owner	Pre-Operation and Daily Safety Checklist	See Pre-Operation and Daily Safety Checklist on page 10.
	Performance Inspection	See Performance Inspection on page 11.
	Batteries	Charge batteries (after each daily use only).
Weekly service by owner	Batteries	NO MAINTNACE NECESSARY.
Monthly service by owner or trained technician	Batteries	NO MAINTNACE NECESSARY.

Monthly service by owner or trained technician	Tires	Check air pressure and adjust if necessary.
	General vehicle	Wash battery compartment and underside of vehicle.
Semiannual service by trained technician only (every 50 hours)	Brake system	Check brake pads; replace if necessary.
		Lubricate brake slides per Lubrication Schedule.
		Check brake lines for damage; replace if necessary.
	Electrical wiring and connections	Check for tightness and damage.
	Forward/Reverse switch	Check condition of contacts and wire connections. Make sure connections are tight.
	Front wheel alignment and camber	Check and adjust as required. See
	Electronic Throttle	Check for loose hardware, cracks and other damage.
Annual service by trained technician only (every 100 hours)	Batteries	If batteries are not performing as expected.

⚠ WARNING

If any problems are found during scheduled inspection or service, do not operate the vehicle until repairs are made.

Failure to make necessary repairs could result in fire, property damage, severe personal injury, or death.

PERIODIC LUBRICATION SCHEDULE

PERIODIC LUBRICATION SCHEDULE			
REGULAR INTERVAL	SERVICE	LUBRICATION POINTS	RECOMMENDED LUBRICANT
	Brake pedal shaft bearings		

By owner or trained technician (every 200 miles)			Dry Moly Lube
	Brake linkage and pivots		Dry Moly Lube
	Accelerator pivot rod supports		Dry Moly Lube
	Charger receptacle (all vehicles). Forward/Reverse switch contacts*		WD-40
	Brake slides		Dry Moly Lube
	suspension (8 fittings)		Chassis Lube – EP NLGI Grade 2
By owner or trained technician (Every 500 Miles)	Replace transaxle Fluid Drain from bottom plug Refill trough vent on top		22 oz. (0.67 liters) 22 oz. (0.67 liters) SAE 85-90 WT. API Class SE, SF, or SG Oil (or higher)

VEHICLE CONTROLLER

The electric vehicle is equipped with a solid-state speed controller. To properly service and maintain the solid-state controller vehicle, it is necessary to understand the electrical circuitry and the functions of all components in both systems. Therefore, if any repair or servicing needs to be performed, we recommend that it be performed by an authorized HuntVe dealer using HuntVe OEM parts. Not understanding or being trained how to properly handle controllers can damage controllers and require replacement.

LiPO4 Lithium Battery

See General Warnings on page 6.



Do not smoke and keep spark and flames away from the vehicle and service area. Wear a full-face shield and rubber gloves when working on or near the Lithium Battery.

 **WARNING**

Before servicing the electronics or batteries, Power off the batteries at the source. Wear safety glasses or approved eye protection when servicing the vehicle or battery charger.

Use insulated tools when working near batteries or electrical connections. Use extreme caution to avoid shorting of components or wiring.

 **CAUTION**

On all vehicles, turn off all of the accessories before charging the battery

NOTE; Recycle or dispose of discarded batteries in accordance with local, state, and federal regulations.

LITHIUM BATTERY CARE

Lithium batteries have a high energy density and a long-life span. To keep your lithium batteries in tip top condition, follow these tips!

1. Make sure to regularly charge your lithium batteries, as long as the vehicle is plugged in the in, the charger will maintain the battery state of charge.
2. Remember to keep your lithium battery at a moderate temperature (typically between 50-80 degrees Fahrenheit).
3. Bolt Energy Lithium Batteries have built-in protection against overcharging. Make sure to use your factory charger designed for lithium batteries to ensure efficient and safe charging.
4. Unlike Lead-Acid batteries, Lithium batteries are maintenance free, there is no need to clean the terminals or check the water levels. Just like lead-acid batteries, if you find any abnormalities you should replace them as soon as possible.
5. When it is time to replace your battery, make sure to dispose of the old battery properly.



BATTERY CHARGER

Each charger should have its own dedicated 15 or 20 ampere separately protected (circuit breaker or fuse) single phase branch circuit, in accordance with all applicable electrical codes for the location. Connect the charger AC supply cord to a properly grounded, three-wire outlet of the proper voltage and frequency as shown on the charger.

1. Do not use an adapter to plug the charger with a three-prong plug into a two-prong outlet.
2. Improper connection of the equipment-grounding conductor can result in a fire or an electrical shock.
3. An extension cord or electrical outlet must accept a three-prong plug. Extension cord should be a three-wire No. 14 AWG (American Wire Gauge) or No. 14 SWG (British Standard Wire Gauge) and be as short as possible. The use of improper extension cord could result in fire or an electrical shock.
4. Do not operate the charger if it has received a sharp blow, was dropped, or otherwise damaged in any way.
5. Have worn, cut, or damaged power cords or wires replaced immediately.
6. Do not use nearby fuels, grain dust, solvents, thinners, or other flammables.
7. Chargers can ignite flammable materials and vapors.
8. Do not expose to rain or any liquid. Keep the charger dry.
9. Never push objects of any kind into the charger through cabinet slots. They may touch dangerous voltage points or cause an electrical short circuit that could result in fire or electrical shock.
10. Do not connect a stationary charger to the receptacle if the charger cord, plug, or the vehicle receptacle is broken, damaged, or does not make a good electrical connection. Fire or personal injury can result. Have a qualified technician to replace the parts.
11. When the charger is on, the charger DC cord may be disconnected from the vehicle receptacle slowly. Jerking or pulling the DC cord out quickly could cause arcing and burning

- that could damage the plug and receptacle and could cause batteries to explode.
12. Do not block or cover the charger ventilation fan. The fan provides ventilation and protects the charger from overheating.
 13. Do not allow clothing, blankets, or other material to cover the charger.
 14. Do not allow the charger to operate for more than 30 minutes at 19 or more amperes.
 15. Install surge arrestors on incoming AC power lines. Surge arrestors will help protect electrical components in the charger and on the vehicle from all but direct or close lightning strikes.

CHARGER CORD

1. Be sure all wire connections at the receptacle are clean and tight.
2. Do not rock or bend the plug. To connect the charger cord to the vehicle receptacle, grasp the plug handle and push the plug straight into the receptacle. Do not connect a charger to the receptacle if the charger cord, plug, or the vehicle receptacle is broken, damaged in any manner, or does not make a good electrical connection. Fire or personal injury can result. Have it replaced by a qualified service person immediately.
3. Failure to follow these instructions could result in damage to the charger cord, the plug, and (or) the vehicle receptacle.
4. Do not use a charger if: -The plug is too loose or does not make a good connection. - The cord and receptacle feel hotter than normal during charge.
5. The plug pins or receptacle contacts are bent or corroded.
6. The plug, receptacle, or cords are cut, worn, have any exposed wires or are damaged in any way.
7. Using the charger with any of the above symptoms could result in a fire, property damage, personal injury, or death.
8. Insert the Extension Cord into the vehicle receptacle. The charger will turn on in two to ten seconds later.
9. When inserting the AC plug, align the raised guide on the plug with the guide slot in the receptacle and push straight in slowly.
10. Battery chargers made by other manufacturers may not be compatible.
11. If the charger is allowed to shut off by itself, the batteries will be fully charged. Overcharging and undercharging will normally be prevented.
12. Batteries should be put on charge even if they have been used for only a short period. The charger is automatic and will turn off when batteries are fully charged. If the charger does not seem to be operating properly, or if the batteries seem weak, contact your local HuntVe dealer.

PLUG AND RECEPTACLE

The charger cord, plug, and receptacle are wear items and should be inspected daily. Visually inspect them for cracks, loose connections, and frayed wiring; they must be replaced when worn or damaged. If the charger plug or receptacle show signs of corrosion, or the plug is difficult to insert or remove the receptacle contacts and plug terminals should be cleaned with a good electrical contact cleaner or lightly sprayed with WD-40® brand spray lubricant. The plug should then be inserted and removed several times to ensure ease of insertion, ease of removal, and good electrical contact.

CLEANING THE VEHICLE

HuntVe vehicles are equipped with ArmorFlex® front and rear bodies. Use only commercially available automotive cleaners with a sponge or soft cloth for normal cleaning. A garden hose at normal residential water pressure is adequate.

The use of any type of pressure washing or steam cleaning system is not recommended. Such a process (especially if the vehicle has an ArmorFlex rear body that is removed) will expose electrical components to moisture. Moisture entering electrical components can result in water damage and subsequent component failure.

Use non-abrasive wax products. Battery acid, fertilizers, tars, asphalt, creosote, paint, or chewing gum should be removed immediately to prevent possible stains.

Accessories

The seats of the vehicle will last longer with proper cleaning. Use a solution of 10% liquid soap and warm water applied with a soft cloth. For imbedded dirt, a soft bristle brush may be used. For heavy soiling, difficult stains or scratches, blemishes, or other body damage, see Section 4 of the appropriate maintenance and service manual.

NOTE: *Dispose of waste water properly.*

ACCESSORIES

There is a complete line of accessory equipment available from HuntVe and our dealers. You can obtain the name and phone number of your closest HuntVe contact by visiting our web site at www.HuntVe.com and clicking the "Dealer Locator" link.

Care should be taken that these accessories are properly installed by trained technicians, and that they are used in the manner for which they were designed.

WARNING

- **Tinted windshields and weather-proof enclosures will not protect occupants from flying objects.**

SUBSEQUENT OWNER REGISTRATION

In the event a vehicle is bought as a used vehicle, we strongly urge the new owner to register the vehicle with HuntVe. This will enable us to contact you if the need arises. Please send your name, address, and serial number(s) of the vehicle(s) by fax or email to Martex Global Enterprise L.L.C. fax 888.271.2815 email info@huntve.com.

HUNTVE® LIMITED ONE YEAR WARRANTY

1. WARRANTY:

Martex Global Enterprise L.L.C., ("HUNTVE") hereby warrants to the Purchaser that its Vehicle purchased from HUNTVE™ shall be free from defects in material and workmanship under normal

use and service for the periods stated below, subject to the provisions, limitations and exclusions contained in this limited warranty. This warranty applies to original Purchaser owner only and is nontransferable.

LIMITED ONE YEAR WARRANTY: All original equipment including battery charger and solid-state speed controller, supplied by HUNTVE™ are warranted with respect to parts and labor against defects in material and workmanship for a period of one year from the date of purchase.

This limited warranty covers material, workmanship and repair labor cost listed above for the period specified. Such repair labor shall be performed only by HUNTVE, its authorized distributors or dealers, or a service agency approved by HUNTVE.

IF THE WARRANTY REGISTRATION FORM IS NOT COMPLETED AND RETURNED TO HUNTVE AT THE TIME OF THE ORIGINAL RETAIL SALE, THE PURCHASER MUST PROVIDE PROOF OF DATE OF THE PURCHASE WITH ANY WARRANTY CLAIM.

2. EXCLUSIONS:

Excluded from any HUNTVE warranty are all fuses, decals (except safety decals), light bulbs, lubricants, trim pieces, seats, routine wear items such as the charger plug and receptacle, brake shoes, CV boots, belts, brushes, bushings, drive buttons, mats and pads, maintenance adjustments, cosmetic deterioration, and items which deteriorate or fail due to exposure or ordinary wear and tear. Also excluded from any HUNTVE warranty is damage to a vehicle or component resulting from a cause other than a defect including unreasonable or unintended strain or use, improper installation of accessories, installation of parts or accessories that are not original equipment, overloading, accident, alteration, abuse or neglect.

Transportation expenses for warranty services are also excluded from this warranty.

3. VOIDING OF WARRANTY:

THIS AND ANY OTHER WARRANTY SHALL BE VOID IF THE VEHICLE IS ABUSED OR USED IN AN UNINTENDED MANNER OR SHOWS INDICATIONS THAT IT HAS BEEN ALTERED IN ANY WAY, INCLUDING, BUT NOT LIMITED TO, MODIFICATION OF THE SPEED GOVERNOR, BRAKING SYSTEM, STEERING, TRANSAXLE, OR OTHER OPERATING SYSTEMS OF THE VEHICLE TO CAUSE IT TO PERFORM OUTSIDE HUNTVE SPECIFICATIONS. THE WARRANTY IS LIKEWISE VOID IF THE VEHICLE INVOLVED SHOWS INDICATIONS THAT REASONABLE OR NECESSARY MAINTENANCE AS OUTLINED IN THE OWNER'S MANUAL AND MAINTENANCE AND SERVICE MANUAL WAS NOT PERFORMED AT THE TIME AND IN THE MANNER SPECIFIED IN SUCH MANUALS.

4. SOLE REMEDY:

HuntVe's liability under this limited warranty or in any action whether based upon warranty, contract, negligence, strict product liability, or otherwise, shall be the repair or replacement, at HuntVe's option, of the vehicle or component thereof that HUNTVE deems to be defective. Replacement shall mean furnishing, during the applicable limited warranty period, a factory-

reconditioned vehicle or component thereof that is identical or reasonably equivalent to the warranted product or component at no cost to the purchaser. Repair shall mean remedying a defect in the vehicle or component thereof at no cost to the purchaser during the applicable limited warranty period. If HUNTVE elects to repair the vehicle, it may provide factory-reconditioned parts or components. All parts and components replaced under warranty shall become the property of HUNTVE.

5. HOW TO MAKE A WARRANTY CLAIM:

To make a warranty claim under this limited warranty, you must present the vehicle or defective component to an authorized HUNTVE dealer or send the defective component; freight prepaid, to WARRANTY SERVICES, Martex Global Enterprise L.L.C. 215 Industrial Ave., Granbury Texas 76049

6. DISCLAIMER:

THIS LIMITED WARRANTY IS EXCLUSIVE. HUNTVE MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE OBLIGATIONS OR TIME LIMITS STATED IN THIS WARRANTY ARE HEREBY DISCLAIMED BY HUNTVE AND EXCLUDED FROM THIS WARRANTY. THE PURCHASER AND HUNTVE EXPRESSLY AGREE THAT THE REMEDY OF THE REPLACEMENT OR REPAIR OF THE DEFECTIVE VEHICLE OR COMPONENT THEREOF IS THE SOLE REMEDY OF THE PURCHASER. HUNTVE MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, AND NO REPRESENTATIVE, EMPLOYEE, DISTRIBUTOR OR DEALER OF HUNTVE HAS THE AUTHORITY TO MAKE OR IMPLY ANY REPRESENTATION, PROMISE OR AGREEMENT, WHICH IN ANY WAY VARIES THE TERMS OF THIS WARRANTY.

7. NO CONSEQUENTIAL DAMAGES:

IN NO EVENT SHALL HUNTVE BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS RELATED TO PROPERTY OTHER THAN THE VEHICLE, LOSS OF USE, LOSS OF TIME, INCONVENIENCE, OR ANY OTHER ECONOMIC LOSS.

Some states allow neither limitation on the duration of an implied warranty nor exclusions or limitation of incidental or consequential damages. Therefore, the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

8. INFORMATION:

For further information contact WARRANTY SERVICES, Martex Global Enterprise LLC, 215 Industrial Ave., Granbury Texas 76049 phone: 888.554.5953 or fax: 888.271.2815. Website: www.huntve.com.

9. WARNING:

Any modification or alteration of any vehicle beyond factory specifications, including those that affect the weight distribution, stability, or speed of the vehicle, can cause serious personal injury or death.

Thank you for choosing HuntVe!

