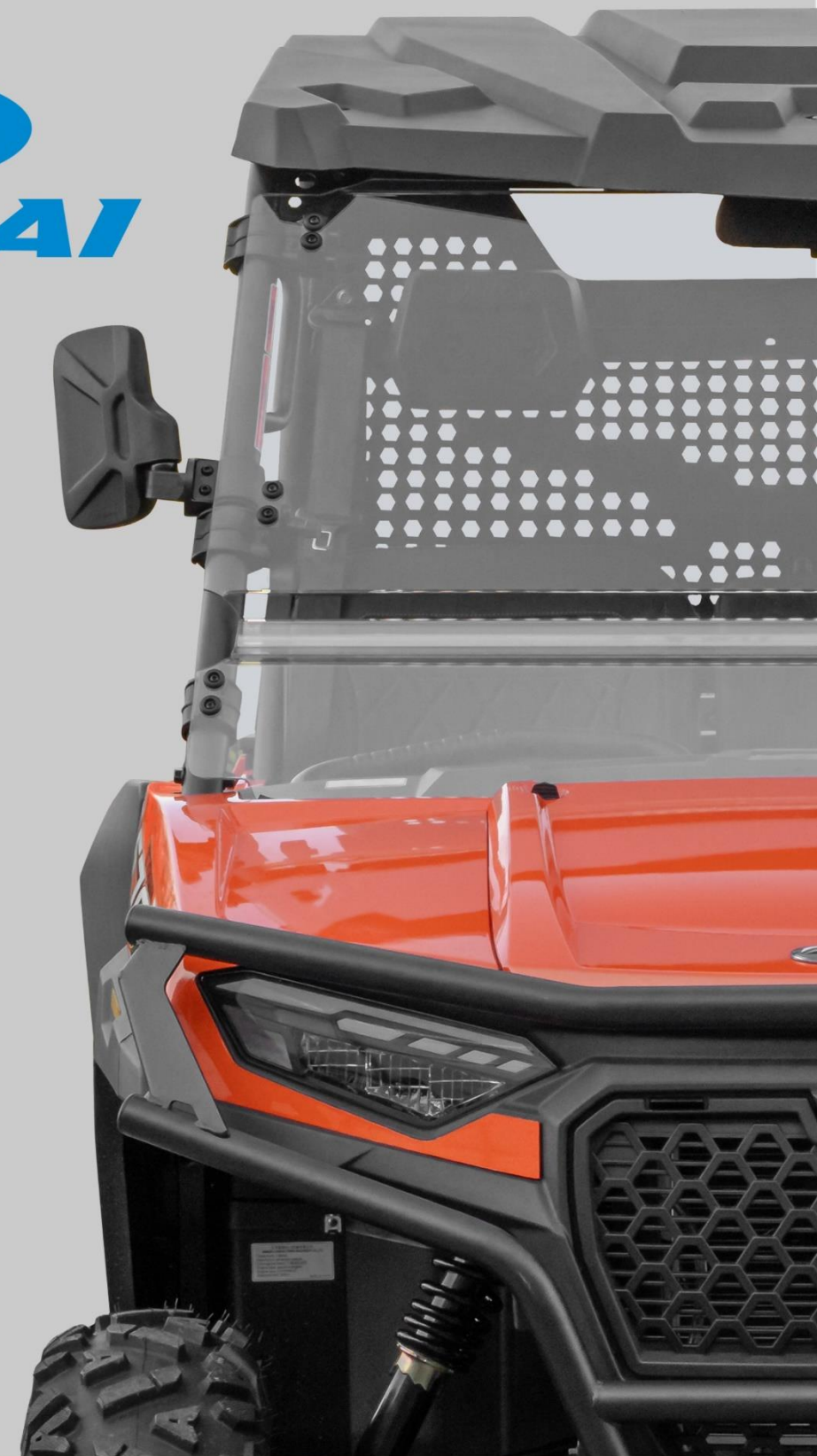




T-BOSS 670

BEFORE OPERATING THIS VEHICLE, THE OWNER AND EVERY OPERATOR MUST READ AND UNDERSTAND THIS MANUAL, INCLUDING ALL SAFETY WARNINGS, OPERATING GUIDELINES, INSTRUCTION LABELS, AND MAINTENANCE PROCEDURES OF THE VEHICLE.

NOTE: A storage compartment has been provided on the vehicle for keeping this manual with the vehicle. Please keep the manual in the storage compartment so it can be easily found and referred to when needed.



WARNING

- Only persons who meet the minimum age requirements prescribed by law and who own a valid driver's license for this category may operate this vehicle.
 - This vehicle is homologated for 2 passengers. Never transport any passengers in the cargo bed!
-

WARNING

Exhaust gases from this product contain chemicals known, in certain quantities, to cause cancer, birth defects or other reproductive harm.

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1. INTRODUCTION

Introduction

Congratulations on the purchase of your Linhai Utility Vehicle (UTV). We are committed to delivering to you a product engineered and manufactured to the highest performance and quality standards. We are sure that you will enjoy superior levels of performance, reliability, riding comfort, and safety.

This manual is provided to help the owner and operators become familiar with the operation and features of this UTV. It also includes important information on the care and maintenance of your UTV.

Read this manual carefully. The information contained within, and the Warning Labels supplied with this product, will help keep you safe and ensure proper operation of your UTV.

Make sure you understand and follow all Warnings and Instructions in this manual.

1. INTRODUCTION

Important Safety Notice

- This vehicle is designed and manufactured for off-road use.
- Check the laws and regulations in force before choosing where to operate this vehicle. It is illegal to operate this vehicle on public lands where vehicles of this type are prohibited.
- Never make any modifications to the engine, drive system, mechanical or electrical systems of your UTV. Never install aftermarket parts or accessories intended to increase the speed or power of your UTV.
- Failure to follow these warnings increases the possibility of accidents leading to **DEATH** or **SERIOUS INJURY!**
- Additionally, failure to follow these requirements will void the Warranty on your UTV.

NOTE

The addition and use of certain accessories including, (but not limited to) mowers, blades, sprayers, winches and windshields will change the handling characteristics and the performance of your UTV.

Practice Responsible UTV Riding

Make sure that you understand and follow all local, state/province, and federal/national riding laws and requirements.

Remember.....Respect your vehicle, respect the environment and respect the property of others. You are responsible for your safety and the safety of others around you when you ride!

1. INTRODUCTION

A UTV CAN BE HAZARDOUS TO OPERATE. A UTV handles differently from other vehicles including motorcycles, ATVs and cars. A collision rollover can occur quickly, even during routine maneuvers such as turning and driving on hills or over obstacles, if you fail to take proper precautions.

SERIOUS INJURY OR DEATH can result if you do not follow these instructions:

- Read this manual and all labels carefully and follow the operating procedures described.
- This vehicle is designed to carry the driver and one passenger. Never carry passengers in the cargo bed.
- Always be sure the driver and passenger are wearing seat belts.
- Never allow anyone who is not an adult to operate this UTV.
- Never permit a guest to operate this UTV unless the guest has read this manual and all product labels.
- The driver and passenger must wear approved off-road motorcycle helmets that fits properly. The driver and passenger should also wear eye protections (goggles or face shields), gloves, boots, long-sleeved shirts or jackets, and long pants.
- As with any off-road-capable vehicle, there is a risk of tip over or rollover under certain conditions. Uneven terrain or slopes which pitch the vehicle sideways, turning too fast or sharp, or a combination of conditions increase the risk of tip over.
If you are in a situation where the vehicle is tipping over, do not put your arm and leg outside the vehicle, do not try to stop tipping with your arm or leg. You could be severely injured. You could suffer a crushed hand, arm, leg, or foot, if part of your body is caught underneath the vehicle.
You must keep your arms and legs inside the vehicle until it has stopped moving.
- Never consume alcohol or drugs before or while operating this UTV.
- Never operate at excessive speeds. Always travel at proper speed for the terrain, visibility, operating conditions and your experience.
- Never attempt wheelies, jumps or other stunts.
- Always inspect your UTV each time you use it to make sure it is in safe operating condition. Always follow the inspection and maintenance procedures and schedules described in this manual.

1. INTRODUCTION

- Always keep hands, arms, feet, and legs inside the vehicle at all times during operation. Keep your feet on the floorboard. Never hold onto the enclosure except when using the handgrip inside the enclosure. Otherwise, your hand could be injured if it is caught between the enclosure and an obstacle outside the vehicle.
- Always keep both hands on the steering wheel when driving.
- Never wrap your thumbs and fingers around the steering wheel. This is particularly important when driving in rough terrain. The front wheels will move right and left as they respond to the terrain, and this movement will be felt in the steering wheel. A sudden jolt could wrench the steering wheel around, and your thumbs or fingers could be injured if they are in the way of the steering wheel spokes.
- Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the UTV.
- Never operate on excessively rough, slippery or loose terrain.
- Always follow proper procedures for turning as described in this manual. Practice turning at low speeds before attempting to turn at faster speeds. Do not turn at excessive speed.
- Always have the UTV checked by an authorized dealer if it has been involved in an accident.
- Never operate UTV on hills too steep for the UTV or for your abilities. Practice on smaller hills before attempting larger hills.
- Always follow proper procedures for climbing hills as described in this manual. Check the terrain carefully before you start up any hill. Never climb hills with excessively slippery or loose surfaces. Never open throttle suddenly or make sudden gear changes. Never go over the top of any hill at high speed.
- Always follow proper procedures for going down hills and for braking on hills as described in this manual. Check the terrain carefully before you start down any hill. Never go down a hill at high speed. Avoid going down a hill at an angle which would cause the vehicle to lean sharply to one side. Go straight down the hill where possible.
- Always follow proper procedures for crossing the side of a hill as described in this manual. Avoid hills with excessively slippery or loose surfaces. Never attempt to turn the UTV around on any hill. Avoid crossing the side of a steep hill if possible.

1. INTRODUCTION

- Always use proper procedures if you stall or roll backwards when climbing a hill. To avoid stalling, maintain a steady speed when climbing a hill. If you stall or roll backwards, follow the special procedure for braking described in this manual.
- Always check for obstacles before operating in a new area. Never attempt to operate over large obstacles, such as large rocks or fallen trees. Always follow proper procedures when operating over obstacles as described in this manual.
- Always be careful of skidding or sliding. On slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding or sliding out of control.
- Avoid operating the UTV through deep or fast flowing water. Avoid water which exceeds the recommended maximum depth. Go slowly, carefully avoiding sudden movements, maintain a slow and steady forward motion, do not make sudden turns or stops, and do not make sudden throttle changes.
- Wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them lightly several times to let friction dry out the pads.
- Always be sure there are no obstacles or people behind you when you operate in reverse. When it is safe to proceed in reverse, go slowly. Avoid turning at sharp angles in reverse.
- Always use the size and type tires specified in this manual. Always maintain proper tire pressure as described in this manual.
- Never modify this UTV through improper installation or use of accessories
- Never exceed the stated loading capacity. Cargo should be as far forward in the bed as possible, and distributed evenly from side to side. Be sure cargo is secured so that it cannot move around during ride. Reduce speed and follow instructions in this manual for carrying cargo or pulling a trailer. Allow greater distance for braking.

2. UNDERSTANDING WARNINGS

ATTENTION:

This is an ADULT VEHICLE ONLY! It's not a toy! READ AND UNDERSTAND WARNINGS AND OWNER'S MANUAL BEFORE OPERATION.

KNOW YOUR VEHICLE BEFORE YOU DRIVE IT!

Read this manual thoroughly before operating this vehicle. Operating this vehicle comes with responsibilities for your safety, the safety of others, and environmental protection.

NOTE:

The images in this manual are for illustration purposes only, and may not be an exact representation of the product. Your model may differ.

2. UNDERSTANDING WARNINGS

SAFETY ALERTS

WARNINGS identify special instructions or procedures which, if not correctly followed, could result in personal injury, or loss of life. Read all **WARNINGS** in this manual carefully. Follow their instructions to remain safe.

The following safety signal words are used in this manual to highlight important safety information:



This is the safety alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury. Your safety is involved!



WARNING

Indicates a potential hazard which could result in severe injury or death.



DANGER

Indicates a potential hazard which may result in minor personal injury or damage to the UTV.

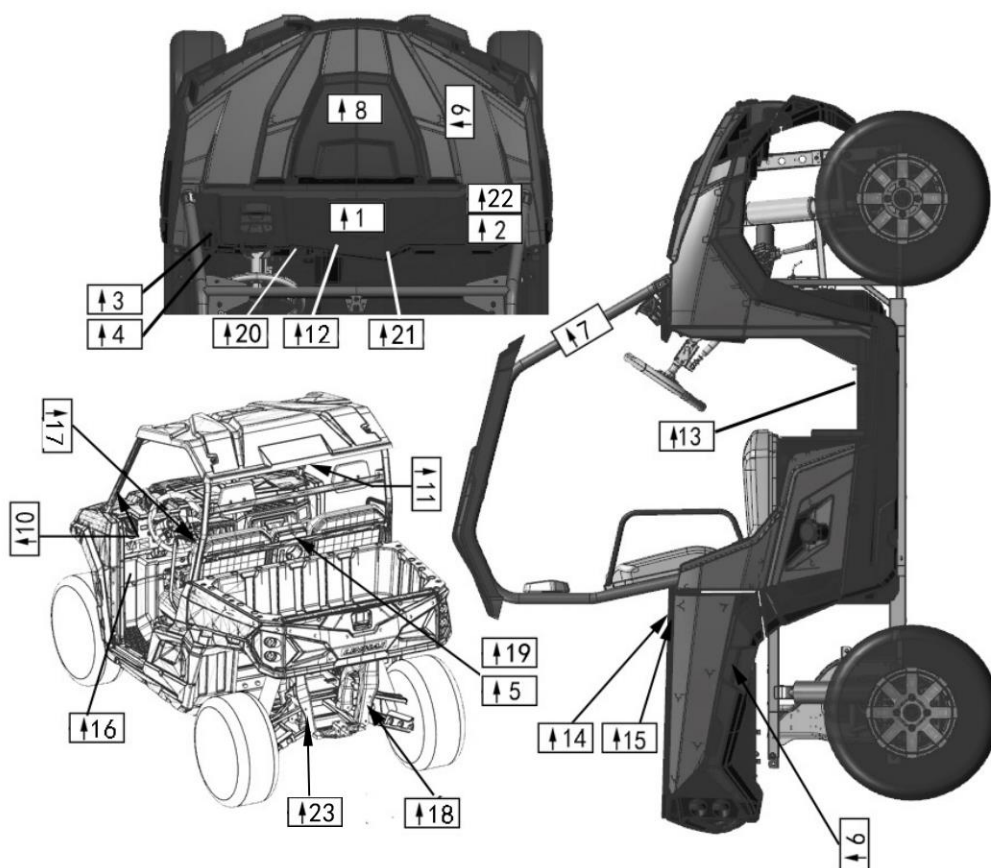


CAUTION

Indicates a situation that can result in damage to the machine.

NOTE A **NOTE** provides key information to make procedure easier or clearer.

3. SAFETY LABELS



NOTE:

Warning labels have been placed on the vehicle for your protection. Read and follow the instructions on each label carefully.

If a label becomes illegible or comes off, contact your Linhai dealer to purchase a replacement.

Attention:

There is a risk of fire from driving the vehicle on the ground where grass has dried up or parking the vehicle on such surface while the engine is hot.

3. SAFETY LABELS

1.

 **WARNING**

Improper Use of Vehicles Can Cause Severe Injury or Death

Be Prepared

- Fasten seat belts.
- Wear an approved helmet and protective gear.
- Reserved for message about other occupant restraint devices.
- Each rider must be able to sit with back against seat, feet flat on floor and foot rests, and hands on steering wheel or handhold where equipped. Stay completely inside the vehicle.

Drive Responsibly

Avoid loss of control and rollovers:

- Avoid abrupt maneuvers, sidewayssliding, skidding, or fishtailing, and never do donuts.
- Slow down before entering a turn.
- Avoid hard acceleration when turning, even from a stop.
- Plan for hills, rough terrain, ruts, and other changes in traction and terrain. Avoid paved surfaces.
- Avoid side hilling(riding across slopes).





Rollovers have caused severe injuries and death, even on flat, open areas.

Be Sure Riders Pay Attention and Plan Ahead

If you think or feel the vehicle may tip or roll, reduce your risk to injury:

- Keep a firm grip on the steering wheel or handholds and brace yourself.
- Do not put any part of your body outside of the vehicle for any reason.

Require Proper Use of Your Vehicle

Do your part to prevent injuries:

- Do not allow careless or reckless driving.
- Make sure operators are 16 or older with a valid driver's license.
- Do not let people drive or ride after using alcohol or drugs.
- Do not exceed seating capacity: one passenger.



LOCATE AND READ THE OWNER'S MANUAL FOLLOW ALL INSTRUCTION AND WARNINGS

RESERVED FOR REFERENCE TO OTHER SOURCE OF SAFETY INFORMATION

T02789

2.

 **WARNING**

Improper tire pressure or overloading can cause loss of control.

Loss of control can result in severe injury or death.

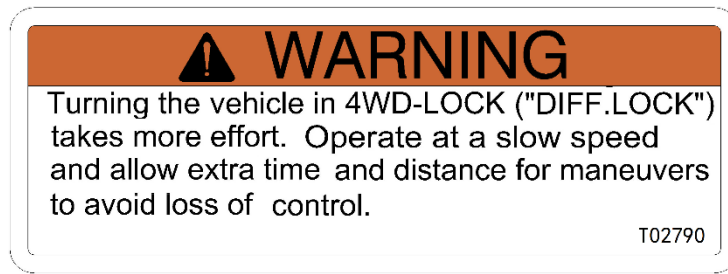
- Tire size :
 - Front : 27 x 9 - 14
 - Rear : 27 x 11 - 14
- Cold tire pressure:
 - Front : 14.0 psi (97 kPa)
 - Rear : 14.0 psi (97 kPa)
- Maximum weight capacity: 661 lbs (300 kg)

T03017

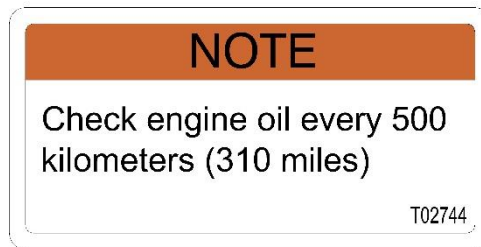
NOTE: For recommended tire pressures, see the Owner's Manual.

3. SAFETY LABELS

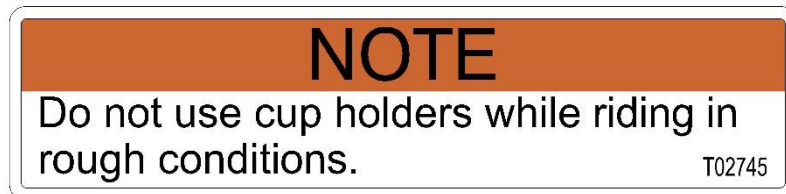
3.



4.



5.



6.



7.



3. SAFETY LABELS

8.

 WARNING	
Do not remove the radiator cap when the engine and radiator are hot. Scalding hot fluid and steam may be blown out under pressure, which could cause serious injury. When the engine has cooled, open the radiator cap as follows: Place a thick rag or a towel over the radiator cap. Slowly rotate the cap counterclockwise toward the detent. This allows any residual pressure to escape. When any hissing sound has stopped, press down on the cap while turning counterclockwise and remove it.	
T02015	

9.

 CAUTION	
Engine/Radiator Coolant Only Ethylene Glycol and Water Mix. Note: Always follow the coolant manufacturer's mixing recommendations for the freeze protection required in your area.	
T02022	

10.

 WARNING	
	You could be severely injured if you try to stop a vehicle tip over using your arm or leg, if vehicle starts to tip over, keep arms and legs inside vehicle.
	Slopes, uneven terrain, and turning too fast or sharp increase the risk of tip over.
	T02054

11.

 WARNING	
	You could be severely injured if you try to stop a vehicle tip over using your arm or leg, if vehicle starts to tip over, keep arms and legs inside vehicle.
	Slopes, uneven terrain, and turning too fast or sharp increase the risk of tip over.
	T02055

3. SAFETY LABELS

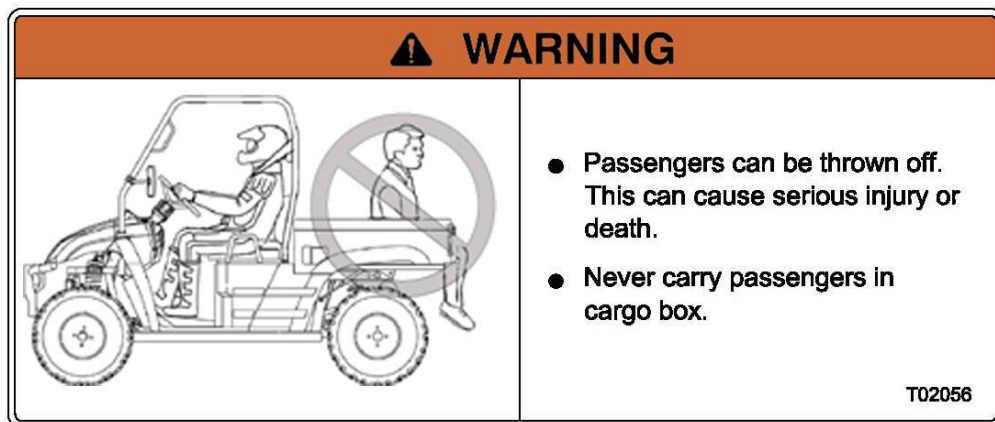
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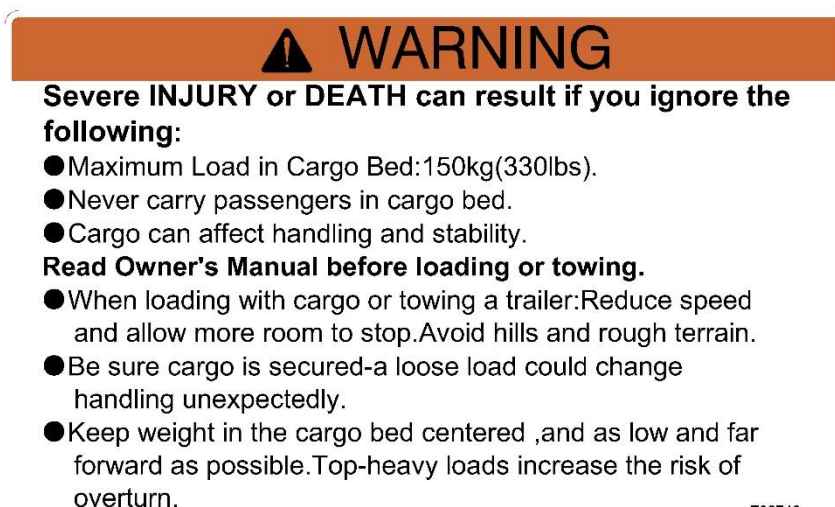
13.



14.



15.



3. SAFETY LABELS

16.

 **WARNING**

- Operate at a slow speed and allow extra time and distance for maneuvers to avoid loss of control.
- Do not switch on 4WD/2WD if the rear wheels are spinning. This may cause severe machine damage. When switch on 4WD/2WD, the button will stay in 4WD/2WD position but 4WD/2WD mechanics maybe still disengaged. Always apply throttle gently and let the wheels move slightly to allow the 4WD/2WD mechanics finally engage.
- The 4WD/2WD indicator will come on when 4WD/2WD engaged.

T02047

17.



 **WARNING**

Always dismount the canopies while the vehicles are transported in a trailer on the expressway so as to avoid personal injury or causing serious traffic accident.

T02628

18.

 **WARNING**

Pulling excessive loads can cause loss of stability or control of the vehicle.

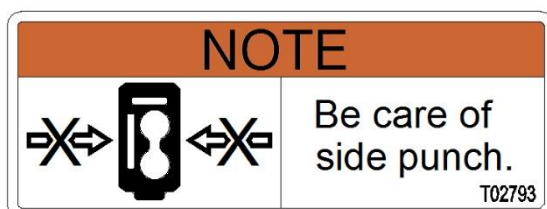
Do not exceed the load capacity for the hitch.

Trailer Load Capacity of this vehicle is 1069lbs /485kg and 22lbs/ 10kg tongue weight.

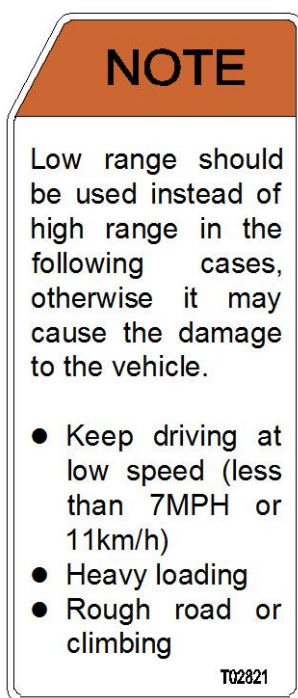
T02956

3. SAFETY LABELS

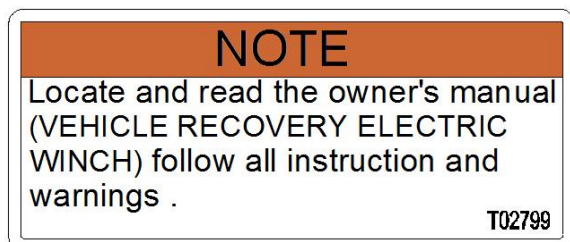
19.



20.



21. (If equipped)

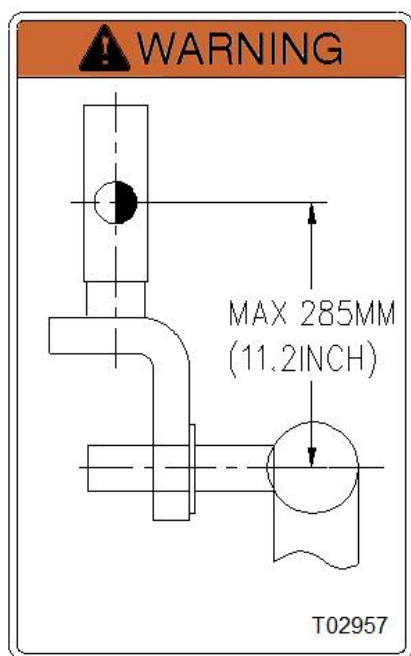


3. SAFETY LABELS

22.



23.



4. DAILY PRE-RIDE INSPECTION



WARNING

Inspect your vehicle each time before riding to ensure it is in proper working order. If proper inspection is not done, severe injury or death could result.

Use the following checklist to verify your machine is in proper working order each time you ride.

ITEM / INSPECTION PROCEDURE

1. **Tires** — check condition and pressures.
2. **Fuel tank** — check for leaks; fill the fuel tank to the proper level.
3. **Brakes** — check brake fluid level, brakes operation; adjust (including parking brake).
 - **Brake pedal**
Check for correct brake pedal free play. If the brake pedal free play is incorrect, have an authorized Linhai dealer adjust it.
Check the operation of the brake pedal. It should move smoothly and there should be a firm feeling when you step on the pedal. If not, have the vehicle inspected by your dealer.
 - **Brake fluid leakage**
Check if brake fluid is leaking from the hose joints, or from brake fluid reservoir. Apply the brakes firmly for 1 minute. If there is any leakage, have the vehicle inspected by authorized Linhai dealer.
 - **Brake fluid level**
Check the brake fluid level. Add DOT 3 brake fluid if necessary.
 - **Brake operation**
Test the brakes at slow speed to make sure brakes are working properly. If the brakes do not provide enough braking performance, inspect the brake system.
4. **Throttle / Accelerator pedal** — check for free operation, quick returning and free play.
Check if the accelerator pedal operates correctly. It must move smoothly and fully spring back to the idle position when released. Have an authorized Linhai dealer repair accelerator pedal if necessary.

4. DAILY PRE-RIDE INSPECTION

5. Headlight / Taillights / Brake lights — check operation of all lights, indicator lights and switches.

6. Wheels— check for wheel nuts and axle nuts tightness; check if the axle nuts are secured.

Check wheels balance/ damage/ runout. Have an authorized Linhai dealer repair / replace if necessary.

Check bearings for looseness / damage. Have an authorized Linhai dealer replace bearing if damaged.

7. Air cleaner element — inspect; clean or replace.

8. Steering — check for proper operation and abnormal free play. Park the vehicle on level ground. Turn the steering wheel fully to the right and left. Check for excessive free play, abnormal noises, or a rough feeling. Have an authorized Linhai dealer repair the steering if necessary.

9. Loose parts — visually inspect vehicle for any damaged components or loose nuts/bolts or fasteners. Always check the tightness of chassis fittings and fasteners before a ride. Take the vehicle to your dealer for correct tightening torque.

10. Operator's and passenger's helmets, goggles and clothing
— check if everybody on board wears helmet in the right size, eye protection (goggles or face shield) and proper clothing.

11. Engine coolant — check for proper level at the recovery bottle.

12. Seat belts— Check for proper operation and belt wear. Make sure that seat belts are not frayed or damaged. The seat belt must move smoothly when pulled out and retract freely when released. The latch plate should click securely into the buckle, and release when the release button is pushed. Clean off any dirt or mud which could affect belt operation. Have an authorized Linhai dealer repair seat belts if necessary.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Improper handling of petrol.

WHAT CAN HAPPEN

Petrol can catch fire and you could burn or explode.

HOW TO AVOID THE HAZARD

Always turn off the engine when refueling. Do not refuel right after the engine has been running and is still hot. Do not spill gasoline on the engine or exhaust pipe/muffler when refueling. Never refuel while smoking, or in the vicinity of sparks, open flames, or other sources of fire such as the pilot lights of water heaters, clothes dryers etc.



WARNING

POTENTIAL HAZARD

Checking the fuel system while smoking or near the open flame.

WHAT CAN HAPPEN

Fuel can ignite or explode, causing severe injury or property damage.

HOW TO AVOID THE HAZARD

Do not smoke when checking the fuel system. Make sure there are no open flames or sparks in the area, including pilot lights from water heaters or furnaces.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

When transporting the UTV in another vehicle, be sure it is transported in an upright position. Otherwise, fuel may leak out of the fuel tank.

WHAT CAN HAPPEN

Petrol fumes are poisonous and can cause injuries.

HOW TO AVOID THE HAZARD

If you swallow some petrol or inhale a lot of petrol vapors, or get petrol in your eyes, see the doctor immediately. If petrol spills on your skin, wash with soap and water. If petrol spills on your clothing, change your clothes.



WARNING

POTENTIAL HAZARD

Changing from 2WD to 4WD or vice-versa while the vehicle is moving.

WHAT CAN HAPPEN

The vehicle handles differently in 2WD and in 4WD mode, causing the vehicle to unexpected behavior. This could distract the operator and increase the risk of losing control and an accident. Also, changing from 2WD to 4WD while the vehicle is moving can severely damage drive system.

HOW TO AVOID THE HAZARD

Always stop the vehicle before changing from 2WD to 4WD, or vice-versa.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Malfunction of the accelerator pedal.

WHAT CAN HAPPEN

The accelerator pedal could be hard to operate, making it difficult to regulate speed. This could cause an accident.

HOW TO AVOID THE HAZARD

Check the operation of the accelerator pedal before you start the engine. If accelerator pedal does not work smoothly, check for the cause. Correct the problem before operating the vehicle. Consult authorized Linhai dealer if you can't find or solve the problem yourself.



WARNING

POTENTIAL HAZARD

Loose seat.

WHAT CAN HAPPEN

The operator could lose control, or the operator or passenger could fall out, if the seat is loose during operation.

HOW TO AVOID THE HAZARD

Make sure the seat is securely latched.



WARNING

POTENTIAL HAZARD

Not wearing the seat belt.

Wearing the seat belt improperly.

WHAT CAN HAPPEN

There is increased risk of being killed or seriously injured in an accident.

HOW TO AVOID THE HAZARD

Always wear your seat belt when riding in the vehicle.

Be sure the seat belt is snug across your hips and chest and is latched securely.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Trying to stop a tipping the UTV with your arm or leg.

WHAT CAN HAPPEN

You could be severely injured. You could suffer a crushed hand, arm, leg, or foot.

HOW TO AVOID THE HAZARD

Always keep your arms and legs inside the vehicle until the vehicle has stopped moving.

As with any off-road-capable vehicle, there is a risk of tip over or rollover under certain conditions. Uneven terrain or slopes which pitch the vehicle sideways, turning too fast or too sharp, or a combination of conditions increase the risk of tip over.

If you are in a situation where the vehicle is tipping over, do not put your arm or/ and leg outside the vehicle, do not try to stop tipping the UTV with your arm or leg. You could be severely injured. You could suffer a crushed hand, arm, leg, or foot, if part of your body is caught underneath the vehicle.



WARNING

POTENTIAL HAZARD

Pinch points.

WHAT CAN HAPPEN

You or someone else could be pinched between the cargo bed and the frame when the bed is being lowered.

HOW TO AVOID THE HAZARD

Before closing the bed, be sure others are standing away from the vehicle. Keep hands and fingers away from the pinch points between the bed and the frame.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Overloading the cargo bed

WHAT CAN HAPPEN

Could cause changes in vehicle handling which could lead to an accident.

HOW TO AVOID THE HAZARD

Never exceed the stated maximum load limit for this cargo bed.

Cargo should be properly distributed and securely attached.

Reduce speed when carrying cargo. Allow greater distance for braking.



WARNING

POTENTIAL HAZARD

Carrying a passenger/ passengers in the cargo bed.

WHAT CAN HAPPEN

The passenger(s) could fall, be thrown out, or be struck by objects in the cargo bed.

HOW TO AVOID THE HAZARD

Never carry a passenger/ passengers in the cargo bed. The cargo bed is designed to carry cargo only.



WARNING

POTENTIAL HAZARD

Improper suspension adjustment.

WHAT CAN HAPPEN

Uneven suspension adjustment can cause poor handling and loss of stability, which could lead to an accident.

HOW TO AVOID THE HAZARD

Always adjust the springs preload and shock absorbers on the left and right side to the same setting.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Driving with improperly operating brakes.

WHAT CAN HAPPEN

You could lose braking ability, which could lead to an accident.

HOW TO AVOID THE HAZARD

Always check the brakes before operating. Do not operate the vehicle if you find any problem with the brakes. If a problem cannot be corrected by the adjustment procedures described in this manual, have the vehicle inspected by an authorized dealer.



WARNING

POTENTIAL HAZARD

Improper refueling.

WHAT CAN HAPPEN

Fuel can spill, which can cause a fire and severe injury. Fuel expands when it heats up. If the fuel tank is overfilled, fuel could expand and spill out due to heat from the engine or the sun.

HOW TO AVOID THE HAZARD

Do not overfill the fuel tank. Be careful not to spill any fuel, especially on the engine or exhaust pipe. Wipe up any spilled fuel immediately. Be sure the fuel tank cap is closed securely.



WARNING

POTENTIAL HAZARD

Removing the radiator cap when the engine is still hot.

WHAT CAN HAPPEN

You could be burned by hot fluid or steam that blows out under pressure.

HOW TO AVOID THE HAZARD

Wait for the engine to cool before removing the radiator cap. Always put a thick rag over the cap. Allow remaining pressure to escape before completely removing the cap.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Operating the vehicle without being familiar with all controls.

WHAT CAN HAPPEN

Loss of control, which could cause an accident or injury.

HOW TO AVOID THE HAZARD

Read the Owner's Manual carefully. If there is a control or function you do not understand, ask our Linhai dealer.



WARNING

POTENTIAL HAZARD

Freezing of control cables in cold weather.

WHAT CAN HAPPEN

You could be unable to control the vehicle, which could lead to an accident or collision.

HOW TO AVOID THE HAZARD

When riding in freezing weather, always make sure all control cables work smoothly before you start riding.



WARNING

POTENTIAL HAZARD

Overloading the vehicle or carrying or towing cargo improperly.

WHAT CAN HAPPEN

Could cause changes in vehicle handling which could lead to an accident.

HOW TO AVOID THE HAZARD

Never exceed the stated loading capacity of this vehicle.

Cargo should be properly distributed and securely attached.

Reduce speed when carrying cargo or pulling a trailer. Allow greater distance for braking.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Servicing an engine while engine is running.

WHAT CAN HAPPEN

Moving parts can catch your clothes or parts of the body, causing injury.

Electrical components can cause shocks or can start fire.

HOW TO AVOID THE HAZARD

Turn off the engine when performing maintenance unless specified otherwise.

Have an authorized Linhai dealer perform service if you are not familiar with vehicle service.



WARNING

POTENTIAL HAZARD

Operating this vehicle with improper modifications.

WHAT CAN HAPPEN

Improper installation of accessories or modification of this vehicle may cause changes in handling, which in some situations could lead to an accident.

HOW TO AVOID THE HAZARD

Never modify this vehicle through improper installation or use of unapproved accessories. All parts and accessories added to this vehicle should be genuine parts or equivalent components designed for use on this vehicle, and should be installed and used according to instructions. If you have questions, consult an authorized dealer.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Improper cleaning of the spark arrester. Hot exhaust system.

WHAT CAN HAPPEN

Could injure the eyes. Could cause burns.

Could cause carbon monoxide poisoning, possibly leading to death.

Could catch fire.

HOW TO AVOID THE HAZARD

When cleaning the spark arrester, always let the exhaust system cool prior to touching exhaust components.

Do not start the engine when cleaning the exhaust system.



WARNING

POTENTIAL HAZARD

Operating with improperly serviced or adjusted brakes.

WHAT CAN HAPPEN

You could lose braking ability, which could lead to an accident.

HOW TO AVOID THE HAZARD

After servicing the brakes:

- Make sure the brakes operate smoothly and that the brake pedal position is correct.
- Make sure the brakes do not drag.
- Air must be bled from the brake system.

Replacement of brake components requires professional knowledge. These procedures should be performed by an authorized Linhai dealer.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Damaged control cables.

WHAT CAN HAPPEN

Corrosion can occur when the outer sheath of control cables becomes damaged. Cables can also become frayed or kinked. Operation of controls could be restricted then, which could cause an accident or injury.

HOW TO AVOID THE HAZARD

Inspect control cables frequently. Replace damaged control cables.



WARNING

POTENTIAL HAZARD

Failure to handle batteries or battery electrolyte carefully.

WHAT CAN HAPPEN

You could be poisoned. You could be severely burned by the sulfuric acid in battery electrolyte.

Batteries produce explosive gases.

HOW TO AVOID THE HAZARD

Avoid contact with skin, eyes or clothing. Always shield eyes when working near batteries. Keep out of reach of children.

Antidote:

EXTERNAL: Flush with water.

INTERNAL: Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or vegetable oil. Get prompt medical attention.

EYES: Flush with water for 15 minutes and get prompt medical attention.

Keep batteries away from sparks, flames, cigarettes or other sources of ignition. Ventilate when charging or using in a closed space.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Using an improper fuse.

WHAT CAN HAPPEN

An improper fuse can cause damage to the electrical system, which could lead to a fire.

HOW TO AVOID THE HAZARD

Always use a fuse of the specified rating. Never use a material in place of the proper fuse.



WARNING

POTENTIAL HAZARD

Operation with wet brakes after washing.

WHAT CAN HAPPEN

Wet brakes may reduce stopping ability, increasing the chance of an accident.

HOW TO AVOID THE HAZARD

Test the brakes after washing. Apply the brakes several times at slow speeds to let friction dry out the brakes.



WARNING

POTENTIAL HAZARD

Riding this UTV without wearing an approved helmet, eye protection and protective clothing.

WHAT CAN HAPPEN

Riding without an approved helmet increases your chances of a severe head injury or death in the event of an accident.

Operating/ riding without eye protection can result in an accident and increases your chances of a severe injury in the event of an accident.

HOW TO AVOID THE HAZARD

Always wear an approved helmet which fits properly.

You should also wear eye protection (goggles or face shield helmet), gloves, ankle boots, long-sleeved shirt or jacket, and long pants.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Operating this UTV after consuming alcohol or drugs.

WHAT CAN HAPPEN

Could seriously affect your judgment.

Could cause your slow reaction.

Could affect your balance and perception.

Could result in an accident.

HOW TO AVOID THE HAZARD

Never consume alcohol or drugs before or while driving this UTV.



WARNING

POTENTIAL HAZARD

Operating this UTV at excessive speeds.

WHAT CAN HAPPEN

Increases your chances of losing control of the UTV, which can result in an accident.

HOW TO AVOID THE HAZARD

Always travel at a speed which is proper for the terrain, visibility and operating conditions; and your experience.



WARNING

POTENTIAL HAZARD

Failure to use extra care when operating on excessively rough, slippery or loose terrain.

WHAT CAN HAPPEN

Could cause loss of traction or vehicle control, which could result in an accident, including an overturn.

HOW TO AVOID THE HAZARD

Do not operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control the UTV on such terrain. Always be especially cautious on these kinds of terrain.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Failure to inspect the UTV before operating.

Failure to properly maintain the UTV.

WHAT CAN HAPPEN

Increases the possibility of an accident or equipment damage.

HOW TO AVOID THE HAZARD

Always inspect your UTV each time you use it to make sure the UTV is in safe operating condition.

Always follow the inspection and maintenance procedures and schedules described in the Owner's Manual.



WARNING

POTENTIAL HAZARD

Removing hands from steering wheel or feet from the floor during operation.

WHAT CAN HAPPEN

Removing even one hand from the steering wheel or foot from the floor can reduce your ability to control the UTV.

HOW TO AVOID THE HAZARD

Always keep both hands on the steering wheel and both feet on the floor of your UTV during operation.



WARNING

POTENTIAL HAZARD

Failure to use extra care when operating this UTV in unfamiliar terrain.

WHAT CAN HAPPEN

You can come upon hidden rocks, bumps, or holes without enough time to react.

Could result in the UTV overturning or going out of control.

HOW TO AVOID THE HAZARD

Go slowly and be extra careful when operating on unfamiliar terrain.

Always be alert to changing terrain conditions when operating the UTV.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Attempting wheelies, jumps and other stunts.

WHAT CAN HAPPEN

Increases the chance of an accident, including an overturn.

HOW TO AVOID THE HAZARD

Never attempt stunts, such as wheelies or jumps.



WARNING

POTENTIAL HAZARD

Climbing hills improperly.

WHAT CAN HAPPEN

Could cause loss of control or cause UTV to overturn.

HOW TO AVOID THE HAZARD

Always follow proper procedures for climbing hills as described in the Owner's Manual.

Always check the terrain carefully before you start up any hill.

Never climb hills with excessively slippery or loose surfaces.

Never open the throttle suddenly. The UTV could flip over backwards.

Never go over the top of any hill at high speed. An obstacle, a sharp drop, or another vehicle or person could be on the other side of the hill.



WARNING

POTENTIAL HAZARD

Turning improperly.

WHAT CAN HAPPEN

UTV could go out of control, causing a collision or overturn.

HOW TO AVOID THE HAZARD

Always follow proper procedures for turning as described in the Owner's Manual.

Practice turning at low speeds before attempting to turn at faster speeds.

Do not turn at excessive speeds.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Operating on excessively steep hills.

WHAT CAN HAPPEN

The vehicle can overturn more easily on extremely steep hills than on level surfaces or small hills.

HOW TO AVOID THE HAZARD

Never operate the UTV on hills too steep for the UTV or for your abilities.

Practice on smaller hills before attempting large hills.

Never operate UTV on hills steeper than 30%.



WARNING

POTENTIAL HAZARD

Going down a hill improperly.

WHAT CAN HAPPEN

Could cause loss of control or cause UTV to overturn.

HOW TO AVOID THE HAZARD

Always follow proper procedures for going down hills as described in the Owner's Manual. NOTE: A special technique is required when braking as you go downhill.

Always check the terrain carefully before you start down any hill.

Never go down a hill at high speed.

Avoid going down a hill at an angle which would cause the vehicle to lean sharply to one side. Go straight down the hill where possible.



WARNING

POTENTIAL HAZARD

Skidding or sliding,

WHAT CAN HAPPEN

You may lose control of the UTV.

You may also regain traction unexpectedly, which may cause the UTV to overturn.

HOW TO AVOID THE HAZARD

On slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding or sliding out of control.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Stalling, rolling backwards or improperly dismounting while climbing a hill.

WHAT CAN HAPPEN

Could result in UTV overturning.

HOW TO AVOID THE HAZARD

Maintain steady speed when climbing a hill.

If you lose all forward speed:

- Keep weight uphill.

- Apply the brakes.

- Lock parking brake after you are stopped.

If you begin rolling backwards:

- Keep weight uphill; never apply throttle.

- Apply the brakes gradually.

- When fully stopped, lock the parking brake.

Dismount on uphill side, or to either side if pointed straight uphill.



WARNING

POTENTIAL HAZARD

Improperly operating over obstacles.

WHAT CAN HAPPEN

Could cause loss of control or a collision. Could cause the UTV to overturn.

HOW TO AVOID THE HAZARD

Before operating in a new area, check for obstacles.

Use extreme caution when riding over large obstacles, such as large rocks or fallen trees.

If you cannot avoid obstacles, always follow proper procedures as described in the Owner's Manual.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Improperly crossing hills or turning on hills.

WHAT CAN HAPPEN

Could cause loss of control or cause UTV to overturn.

HOW TO AVOID THE HAZARD

Never attempt to turn the UTV around on any hill until you have mastered the turning technique as described in the Owner's Manual on level ground. Be very careful then turning on any hill.

Avoid crossing the side of a steep hill if possible.

When crossing the side of a hill:

Always follow proper procedures as described in the Owner's Manual.

Avoid hills with excessively slippery or loose surfaces.



WARNING

POTENTIAL HAZARD

Operating this UTV through deep or fast flowing water.

WHAT CAN HAPPEN

Tires may float, causing loss of traction and loss of control, which could lead to an accident.

HOW TO AVOID THE HAZARD

Never operating the UTV through water which exceeds the recommended maximum depth in this manual.

Avoid operating the UTV through deep or fast flowing water. If you cannot avoid water, go slowly, balance your weight carefully avoiding sudden movement, maintain a slow and steady forward motion, do not make sudden turns or stops, and do not make sudden throttle changes. Remember that wet brakes may have reduced stopping ability.

Test your brakes after leaving water. If necessary, apply brakes several times to let friction dry out the pads.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Improperly operating in reverse.

WHAT CAN HAPPEN

You could hit an obstacle or person behind you, resulting in severe injury.

HOW TO AVOID THE HAZARD

When you select reverse gear, make sure there are no obstacles or people behind you. When it is safe to proceed, go slowly.



WARNING

POTENTIAL HAZARD

Operating this UTV with improper tires, or with improper or uneven tire pressure.

WHAT CAN HAPPEN

Use of improper tires on this UTV, or operation of this UTV with improper or uneven tier pressure, may cause loss of control, and increases the risk of an accident.

HOW TO AVOID THE HAZARD

Always use the size and type ties specified in the Owner's Manual for this vehicle.

Always maintain proper tire pressure a described in the Owner's Manual.

Use proper pressures stated on the side wall of the tire when seating the tire beads. Higher pressures may cause the tire to burst. Inflate the tires slowly and carefully. Fast inflation could cause the tire to burst.

5. OPERATION WARNINGS



WARNING

POTENTIAL HAZARD

Operating this UTV with improper modifications.

WHAT CAN HAPPEN

Improper installation of accessories or modification of this vehicle may cause changes in handling which in some situations could lead to an accident.

HOW TO AVOID THE HAZARD

Never modify this UTV through improper installation or use of accessories. All parts and accessories added to this vehicle should be genuine or equivalent components designed for use on this UTV; and should be installed and used according to instructions. If you have questions, consult our authorized dealer.



WARNING

POTENTIAL HAZARD

Riding on frozen lakes and rivers.

WHAT CAN HAPPEN

Severe injury or death can result if the UTV and /or the operator break through the ice.

HOW TO AVOID THE HAZARD

Never ride you UTV on a frozen body of water.

5. OPERATION WARNINGS



WARNING

After a rollover or an accident, have a qualified service dealer check the complete machine including, but not limited to, brakes, throttle and steering for possible damage.



WARNING

Safe operation of this rider active vehicle requires good judgment and physical skills. Persons with cognitive or physical disabilities who operate this vehicle have an increased risk of overturns and loss of control which could result in severe injury or death.

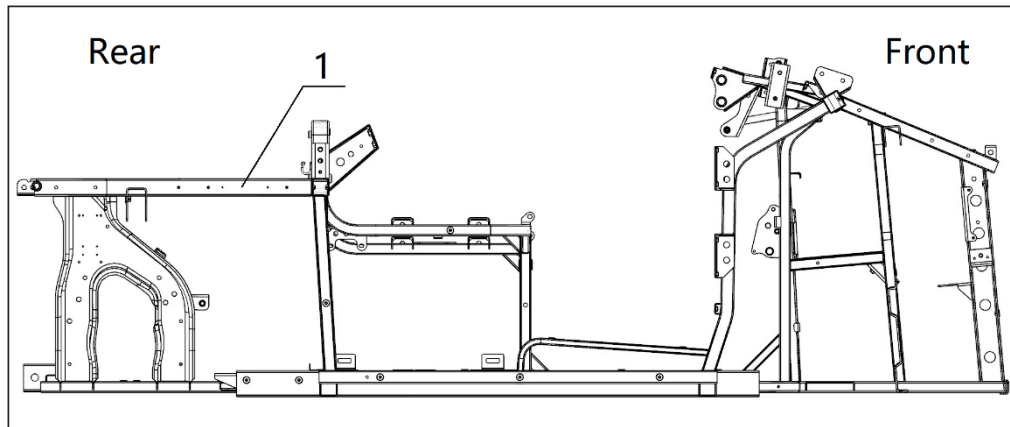


CAUTION

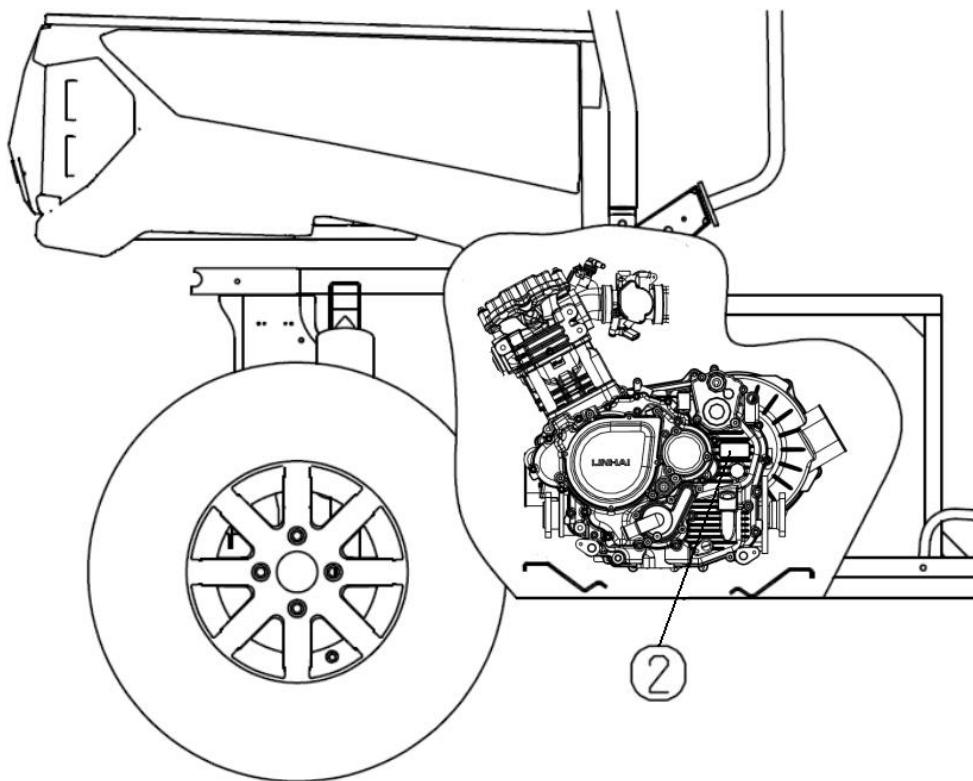
Keep combustible materials away from exhaust system. Fire may result.

6. V.I.N. AND ENGINE SERIAL NUMBER

V.I.N. and Engine Serial Number Placement



1. VIN Number



2. Engine Serial Number

6. V.I.N. AND ENGINE SERIAL NUMBER

Record the VIN number and Engine serial number from your UTV in the spaces provided below.

1. VIN Number (Rear right of the frame tube)

[illegible]

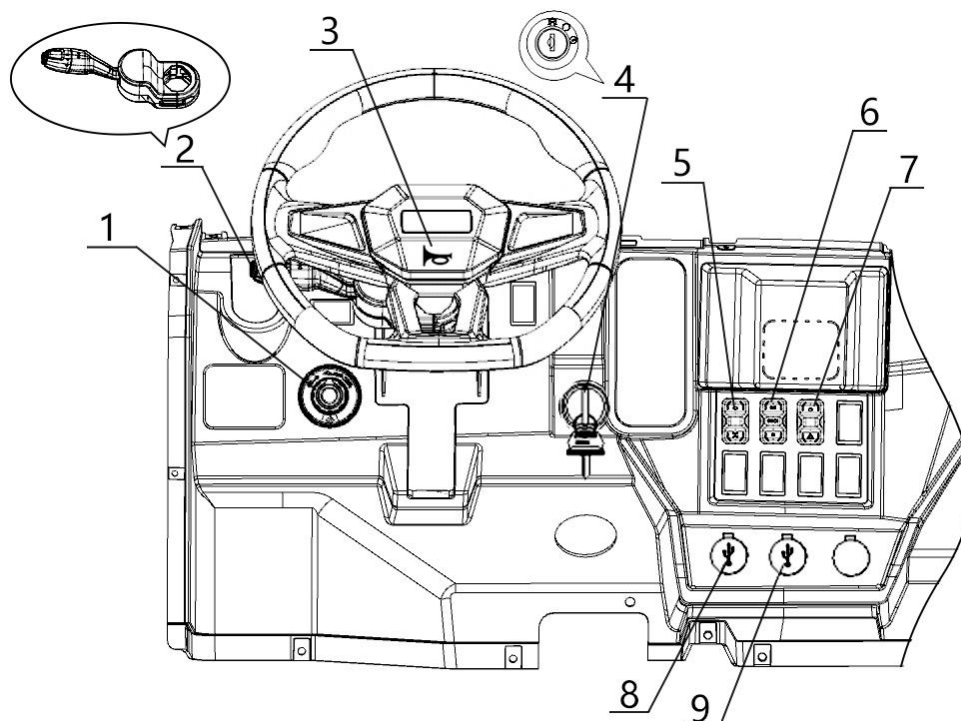
2. Engine Serial Number (On the right side of the engine crankcase)

--

The VIN number and Engine serial numbers are important for model identification when registering your vehicle, obtaining insurance or when replacement parts are required. In the event your vehicle were stolen, these numbers are essential to the identification of your UTV.

7. CONTROLS AND FUNCTIONS

ELECTRICAL SWITCHES



1. 2WD / 4WD /4WD Lock switch	6. Winch Switch (Optional)
2. Lights Combination Switch	7. Hazard Switch (Optional)
3. Horn Switch	8. USB Outlet
4. Main Switch	9. USB Outlet (Optional)
5. Rear Diff Lock Switch	

1. 2WD / 4WD /4WD Lock Switch

This drive mode switch is located below the steering wheel, to the left (1). Select the appropriate drive mode according to terrain and conditions:

2WD: When the switch is in this position, power is supplied to the rear wheels only.

4WD: When the switch is in this position, power is supplied to front and rear wheels.

4WD LOCK: When the switch is in this position, power is supplied to the rear and front wheels and the front differential lock is engaged. In 4WD LOCK mode, both front wheels turn at the same speed to provide maximum front wheel traction. Turning effort and tire wear is increased when riding on hard surfaces. Always shift as the vehicle stop.

7. CONTROLS AND FUNCTIONS



CAUTION

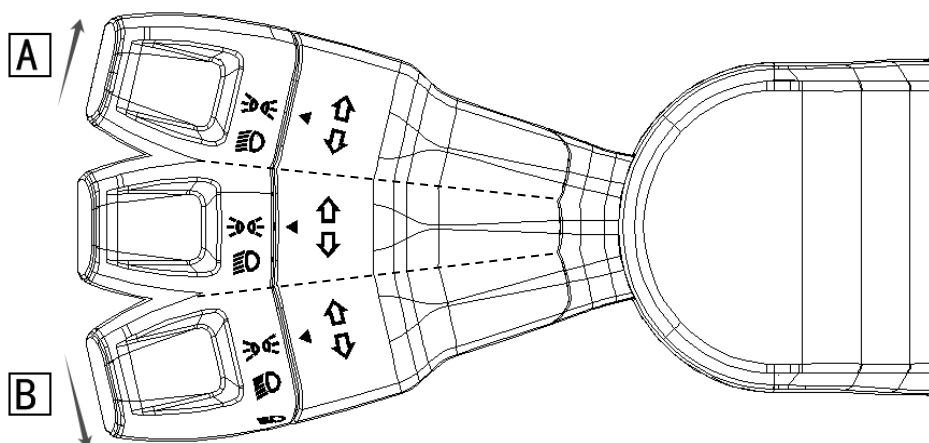
When shifting between 2WD and 4WD, the mechanics may take a moment to fully engage or disengage, and it is best completed when driving in reverse or on a stable surface.



CAUTION

Do not switch to 4WD, if the rear wheels are spinning. This may cause severe damage to the drive train. When switching to 4WD, the switch will stay in 4WD position, but 4WD mechanics can be still disengaged. Always apply throttle gently and let the wheels move slightly to allow the 4WD mechanics to engage properly. The 4WD indicator on the dashboard will come on when 4WD is engaged.

2. Light Combination Switch



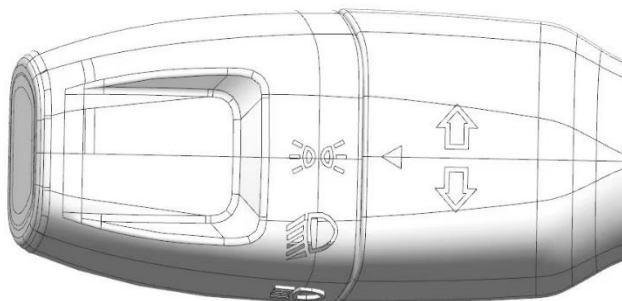
Turn Signals

Lift the combination switch in direction **A** to activate right turn signals. The indicator will flash on the instrument panel. Push the combination switch down to central position to cancel the right turn signals.

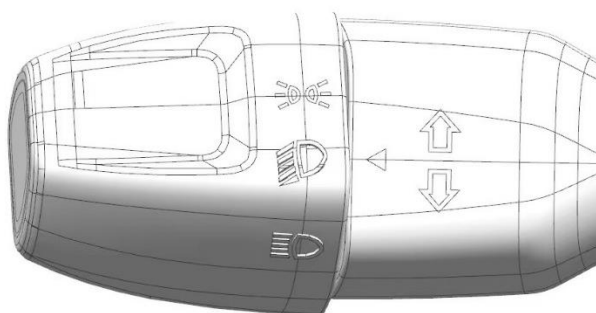
Push the combination switch down in direction **B** to activate left turn signals. The indicator will flash on the instrument panel. Lift the combination switch to central position to cancel the left turn signals.

7. CONTROLS AND FUNCTIONS

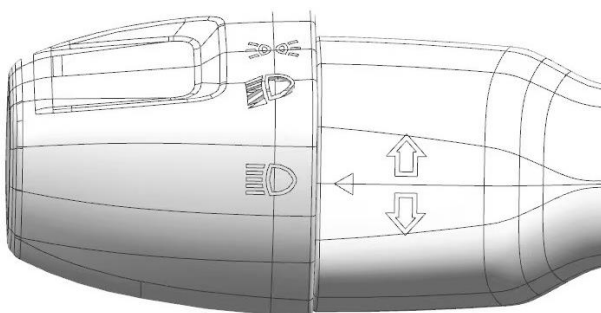
Dimmer Switch



Rotate the end knob to the '☞☞☞' position (align it with the arrow '◀') to turn the headlights off. Only the daytime running lights are on.



Rotate the end knob to the '☞☞☞' position (align it with the arrow '◀') to turn the low beam lights on.



Rotate the end knob to the '☞☞☞' position (align it with the arrow '◀') to turn the high beam lights on.

7. CONTROLS AND FUNCTIONS



WARNING

Use caution and drive at reduced speed in conditions of reduced visibility such as fog, rain and darkness.

3. Horn Switch

Press the Horn button to sound the horn.

4. Main Switch

Main switch positions:

-  - All electrical circuits are on.
-  - All electrical circuits are off. The key can be removed in this position.
-  - The electric starter is engaged when turning the key and holding it in this position. Release the key when engine starts.



CAUTION

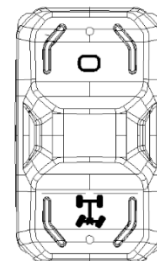
Do not start continuously for more than 5 seconds, or electric starter damage could occur. Wait at least 5 seconds between each use of the electric starter to allow it to cool down.

Do not turn the key to the “” position when the engine is running, or damage to the electric starter can result.

5. Rear Diff Lock Switch

In 2WD, this switch can engage or disengage the rear differential lock.

In 4WD mode, this switch will not function, and the rear differential will remain locked.



7. CONTROLS AND FUNCTIONS

6. Winch Switch (if equipped)

OUT With the engine running, press and hold the 'OUT' position to extend the winch cable.

IN With the engine running, press and hold the 'IN' position to retract the winch cable.



WARNING

Operating the winch improperly will cause accidents resulting in serious injury or death. Please refer to “Installation Instructions, Operator's Manual and Replacement Parts List for the 2000 & 2500 3000 & 3500 & 4000LB ATV Winch” for proper winch operation and cautions.

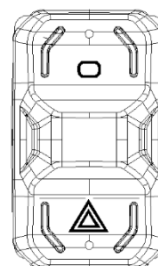


CAUTION

To preserve battery power, always operate the winch with the engine running.

7. Hazard Switch

When the hazard switch is in use, the front and rear turn signal lights will flash, and hazard switch indicator on the instrument panel will light up.



7. CONTROLS AND FUNCTIONS

8 - 9. USB Outlet

Two USB power sockets include one TYPE-C connector and one TYPE-A connector for charging:

1. Nominal Voltage: DC 12V
2. Working Voltage: DC 5 ~ 24V
3. Output Voltage Range: DC 5 ~ 12V (range varies depending on the fast charging protocol of the charged device)
4. Maximum Output Power: 18W+18W (5V@3A, 9V@2A, 12V@1.5A)
5. Output power: 5V@3A if the charged device does not support fast charging.



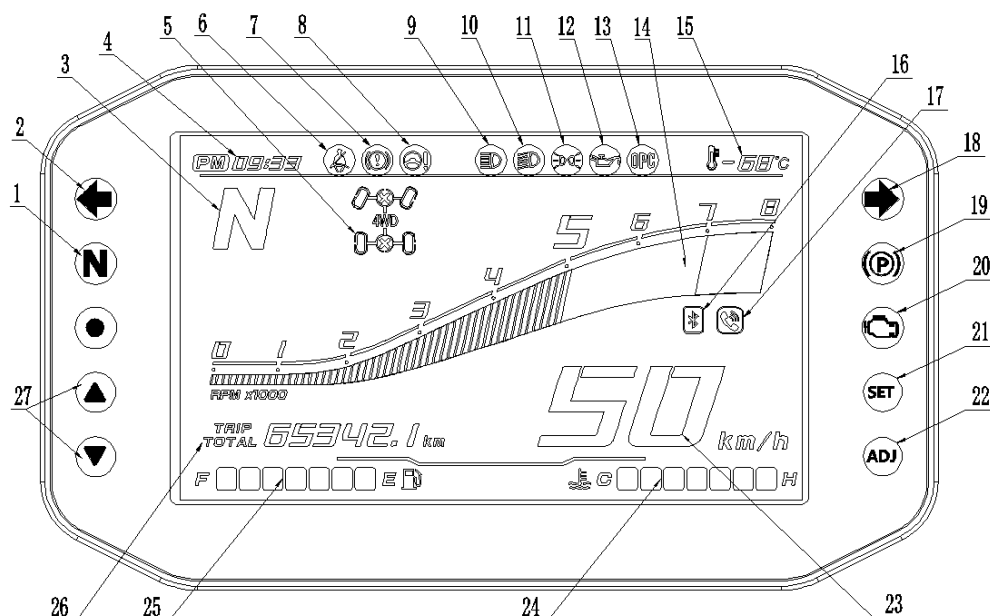
CAUTION

To ensure optimal results, always use the original USB cables. When you finish using an accessory, unplug it and cover the USB outlet with the cap.

Be careful not to let water enter the accessory socket when washing your UTV.

7. CONTROLS AND FUNCTIONS

TFT DISPLAY



1	Neutral indicator light (Green)	15	Ambient Temperature
2	Left turn signal light (Green)	16	Bluetooth indicator
3	Gear shifter position indicator	17	Incoming call indicator
4	Clock	18	Right turn signal light (Green)
5	Selected drive mode	19	Parking brake light (Red)
6	Seat Belt Warning Light	20	Engine Warning Light (Yellow)
7	Brake Warning Light (Red)	21	SET - Select button
8	EPS Warning Light (Red) (Optional)	22	ADJ - Adjust button
9	High beam indicator (Blue)	23	Speedometer
10	Low beam indicator (Green)	24	Coolant temperature gauge
11	Position lights indicator (Green)	25	Fuel level (Yellow)
12	Oil pressure indicator (Red)	26	ODO/Trip/ Fault Code
13	OPC (Red) (OPTION)	27	Up and Down buttons
14	Engine RPM meter		

7. CONTROLS AND FUNCTIONS



WARNING

When ignition is turned on (without starting the engine), the Engine Warning Light will illuminate. After the engine starts, the Engine Warning Light will turn off. If the Engine Warning Light remains illuminated or flashes while the engine is running, consult authorized Linhai dealer for immediate repair to prevent potential damage to the vehicle.

1. Neutral indicator light (Green)

This indicator illuminates when the transmission is in neutral.

2. Left turn signal light (Green)

When the combination switch is moved down, the left turn signal lights will activate, and the left turn signal indicator flashes on the display.

3. Gear shifter position indicator

Displays the current gear position: L, H, N, R, P.

4. Clock

Displays the current time. Clock can be adjusted by using the “ADJ” and “SET” buttons.

5. Selected drive mode

Displays the current drive mode. There are four modes: 2WD, 4WD, 4WD LOCK and 4WD REAR DIFF LOCK. If the mode is not successfully engaged, the indicator light will flash or not be displayed.

6. Seat Belt Warning Light

When the vehicle is activated, the seat belt warning light flashes for 8 seconds, reminding the driver to fasten the seat belt.

7. Brake Warning Light (Red)

This light illuminates when brake fluid level is low. Add DOT4 brake fluid and contact your dealer. Low brake fluid level may lead to air in the brake system, causing brake failure and leading to serious accident.

7. CONTROLS AND FUNCTIONS

8. EPS Warning Light (Red) (OPTIONAL)

This indicator lights up when a malfunction occurs in the Electronic Power Steering system. We recommend to stop the vehicle and contact your dealer for inspection and repair. Continuing to operate can lead to permanent EPS damage. Also, malfunction in the EPS system leads to increased steering force.

9. High Beam Indicator (Blue)

This indicator illuminates when the headlight switch is turned to High beam position.

10. Low Beam Indicator (Green)

This indicator illuminates when the headlight switch is turned to Low beam position.

11. Position lights indicator (Green)

This indicator is on when the Light Switch is turned to Position lights.

12. Oil pressure indicator (Red)

The oil pressure indicator is on when the oil pressure is low. If this warning light comes on, immediately stop the vehicle in a safe manner and contact your dealer immediately.

13. OPC (Red) (OPTIONAL)

This warning light and sound will activate immediately when the vehicle stops and the driver leaves the seat while the engine is running and the park lock is not engaged. The warning light and sound will turn off if the operator returns to the driving position or if the park brake or park lock is engaged within a few seconds.

14. Engine RPM meter

Indicates the current engine RPM.

15. Ambient Temperature

Displays the ambient temperature around the vehicle.

7. CONTROLS AND FUNCTIONS

16. Bluetooth indicator

This vehicle is equipped with Bluetooth functionality to display mobile phone calls. The Bluetooth icon will not illuminate when the vehicle is not paired or connected to a phone, and will remain on after successful pairing and while the connection is active. The telephone icon will flash when there is an incoming call, remain on during an active call, and turn off when the call is ended. To pair, open the Bluetooth settings on your mobile phone, turn the vehicle's main key switch to the "ON" position, and then connect to the vehicle's Bluetooth from your phone.

WARNING

Do not operate the vehicle while using Bluetooth. Always stop the vehicle before answering a call. Distracted driving can lead to an accident, resulting in serious injury or death.

17. Incoming calls indicator

After successful Bluetooth pairing, this indicator will flash when there is an incoming call.

18. Right Turn Signal Indicator (Green)

When the combination switch is moved up, the right turn signal lights will activate, and the right turn signal indicator flashes on the display.

19. Parking brake light (Red)

This indicator light illuminates when the parking brake is engaged.

20. Engine Warning Light (Yellow)

This indicator lights up when a fault occurs in the EFI system. Stop the vehicle and contact your dealer to prevent serious engine damage.

WARNING

When the ignition key is turned on but the engine is not started, the Engine Warning Light should come on. After the engine starts, the light should go off. If either of the following conditions occurs, contact your Linhai dealer immediately to prevent possible vehicle damage:

1. Engine warning light stays on or flashes while the engine is running.
2. Engine warning light does not come on when the ignition is turned On, and the engine is not running.

7. CONTROLS AND FUNCTIONS

21. SET - Select button

Use in combination with the “ADJ” button to change dashboard functions. Press and hold the “SET” button to enter the secondary system interface settings; short press of the “SET” button switches between “TOTAL”, “TRIP”, Engine hours, and voltage.

22. ADJ - Adjust button

Use this button in combination with the “SET” button to change the information displayed on the dashboard. Press and hold the “ADJ” button: In the “TRIP” mode to reset the trip meter to zero; short press the “ADJ” button to switch between "km", "km/h", "mile", and "mph".

23. Speedometer

Displays current vehicle speed. You can toggle units between km/h (kilometers per hour) and mph (miles per hour).

24. Coolant temperature gauge

Both excessively low and excessively high coolant temperatures are harmful. Idle the engine to warm it up when it's too cold, stop the vehicle if the engine is too hot to prevent overheating. Always keep the coolant temperature within the safe range.

25. Fuel level (Yellow)

Displays the fuel level in the fuel tank.

26. ODO/Trip/ Fault Code

Default display shows the total mileage the vehicle has traveled. Press “SET” button to toggle between TRIP meter, engine hours, and battery voltage. When the engine malfunctions, the EFI fault code will be displayed here, and the Engine Warning Light will flash.

27. Up and Down buttons

Press and hold the SET button to enter the secondary system settings. Use the Up and Down buttons to switch between the display system version, tire pressure units, clock settings, or 12/24-hour time format.

7. CONTROLS AND FUNCTIONS

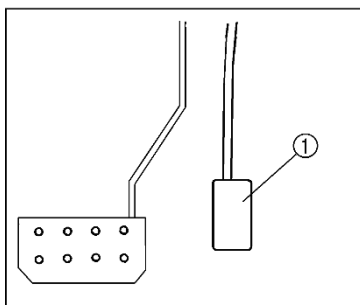
ACCELERATOR PEDAL



WARNING

Before starting the engine, check the accelerator pedal to be sure it operates smoothly.

Make sure the accelerator pedal returns fully to the idle position after it is released.



1. Accelerator pedal

Press the accelerator pedal down to increase engine speed. Spring pressure returns the pedal to the idle position when released. Always check that the accelerator pedal returns normally before starting the engine.



WARNING

POTENTIAL HAZARD

Malfunction of the accelerator pedal.

WHAT CAN HAPPEN

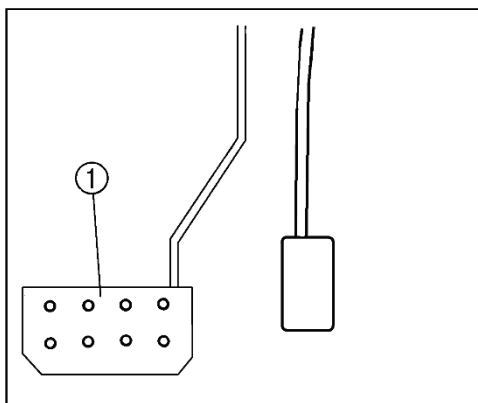
The accelerator pedal could be hard to operate, making it difficult to speed up or slow down when you need to. This could cause an accident.

HOW TO AVOID THE HAZARD

Check the operation of the accelerator pedal before you start the engine. If pedal does not work smoothly, check for the cause. Correct the problem before operating the vehicle. Consult Linhai authorized dealer if you can't find or solve the problem yourself.

BRAKE PEDAL

7. CONTROLS AND FUNCTIONS



1. Brake pedal

Press the brake pedal to slow down or stop the vehicle.

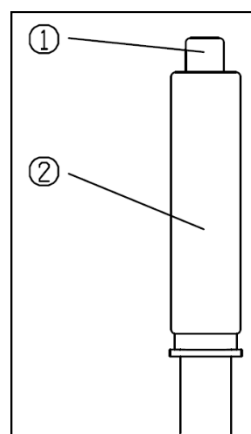


WARNING

Never operate the UTV with a spongy feeling in brake pedal. Operating the UTV with a spongy brake pedal can result in loss of braking. Loss of braking could cause an accident.

PARKING BRAKE LEVER

The parking brake lever is located at the left side of the steering wheel. Parking brake helps hold the vehicle from moving while parked. To set the parking brake, pull the lever up completely. The parking indicator light will come on if the main switch is on. To release the parking brake, pull the lever up while pressing the release button, then push the parking brake lever all the way down. Be sure not to forget to fully release the parking brake before starting out. Failure to do so may result in poor performance, damage or premature wear of the parking brake and CVT drive belt.



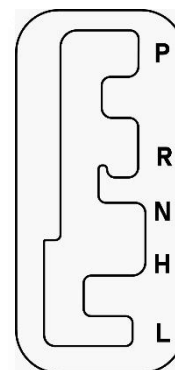
- 1. Release button
- 2. Parking brake lever

GEAR SELECTOR

7. CONTROLS AND FUNCTIONS

The gear selector is located at the right side of the steering wheel. The selector lever has five positions: Parking, Reverse; Neutral; High Forward and Low Forward.

NOTE: To extend the life of the belt, always use Low gear during heavy pulling, when carrying heavy cargo, climbing over obstacles, driving on hills, and when operating at speeds below 11 km/h for extended periods of time.



CAUTION

To change gears, completely stop the vehicle, and with the engine in idle, move the lever to the desired gear. Shifting gears with the engine speed above idle or while the vehicle is moving could cause transmission damage.

Whenever the vehicle is left unattended, always lock the parking brake. Maintaining proper shift linkage adjustment is important to assure proper transmission function. Should you experience any shifting problem, see your dealer.



WARNING

POTENTIAL HAZARD

Engaging a Low gear when the engine speed is too high.

WHAT CAN HAPPEN

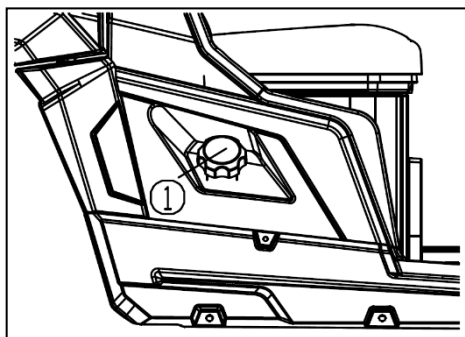
The wheels could block. This could cause loss of control, an accident, and injury. It could also result in damage to the engine or drive train.

HOW TO AVOID THE HAZARD

Ensure the engine RPM has sufficiently decreased before shifting to a lower gear.

FUEL TANK CAP

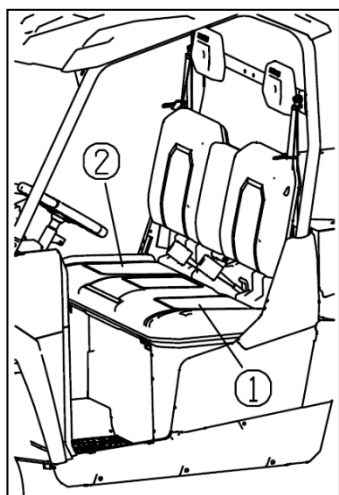
7. CONTROLS AND FUNCTIONS



1. Fuel tank cap

Remove the fuel tank cap by turning it counterclockwise.

SEATS



1. Driver's seat

2. Passenger seat

To remove a seat, lift the rear of the seat and then slide the seat up and backward.

To install a seat, push down on the seat at the front and insert the projections on the rear of the seat into the seat holders.



WARNING

POTENTIAL HAZARD

Loose seat.

WHAT CAN HAPPEN

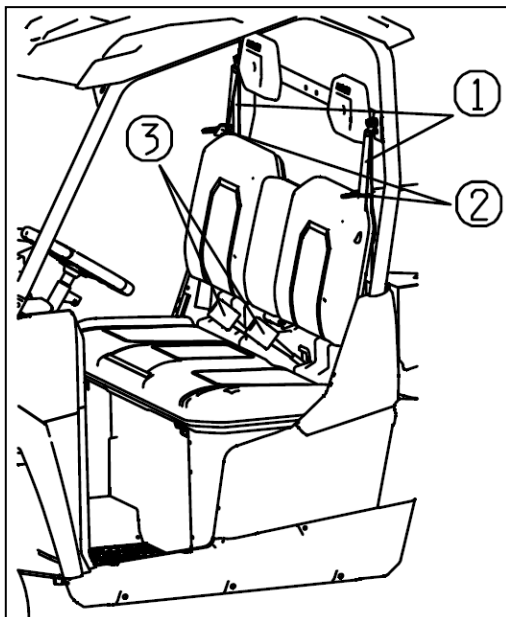
The operator could lose control, or the operator or passenger could fall out if the seat is loose during operation.

HOW TO AVOID THE HAZARD

Make sure the seat is securely latched.

7. CONTROLS AND FUNCTIONS

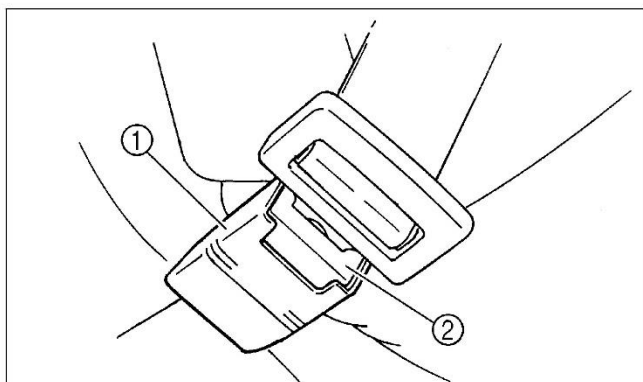
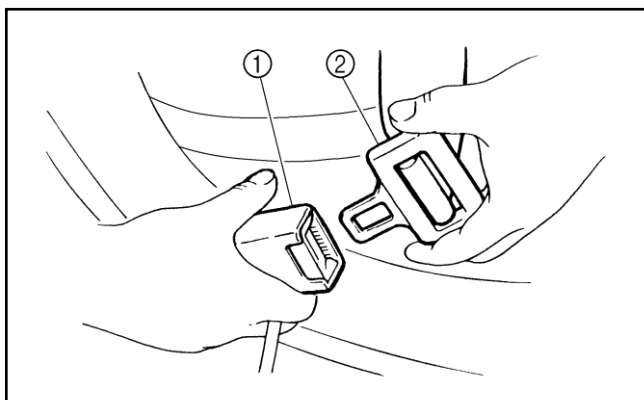
SEAT BELTS



- 1. Seat belt (×2)
- 2. Latch plate (×2)
- 3. Buckle (×2)

This vehicle is equipped with three-point seat belts for both the operator and passenger. Always wear the seat belt while riding in the vehicle.

- 1. Buckle
- 2. Latch plate



- 1. Buckle
- 2. Release button

To Wear the Seat Belt properly, do the following:

7. CONTROLS AND FUNCTIONS

1. Hold the latch plate as you pull the belt across your lap and chest. Make sure the belt is not twisted and is not caught on any portion of the vehicle, your clothing, or any equipment you are carrying.
2. Push the latch plate into the buckle until it clicks. Pull up on the latch plate to make sure it is secure.
3. Put the lap portion of the belt low on your hips. Push down on the buckle end of the belt as you pull up on the shoulder part so the belt is snug across your hips.
4. Position the shoulder belt over your shoulder and across your chest. The shoulder belt should rest against your chest. If it is loose, pull the belt all the way out and allow it to retract.

To release the buckle, firmly press the release button.



WARNING

POTENTIAL HAZARD

Not wearing the seat belt.

Wearing the seat belt improperly.

WHAT CAN HAPPEN

There is increased risk of being killed or seriously injured in case of an accident.

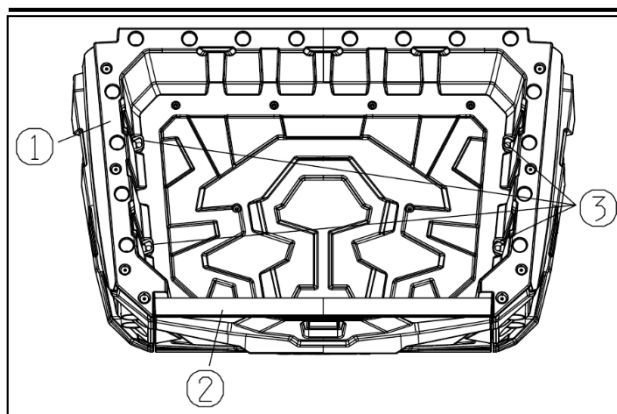
HOW TO AVOID THE HAZARD

Always wear your seat belt when riding in the vehicle. Ensure the seat belt is properly fitted across your hips and chest and is securely latched.



CAUTION

To prevent damage, do not store metal objects, such as tools or items with sharp edges, directly in the glove compartment. If storage is necessary, wrap them in appropriate cushioning material.

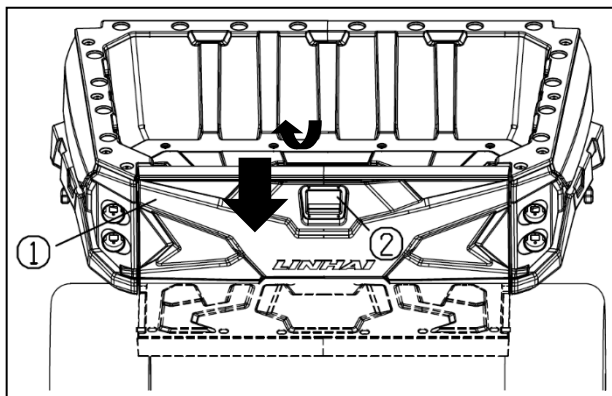


CARGO BED

7. CONTROLS AND FUNCTIONS

1. Cargo bed
2. Tailgate
3. Cargo hook (×4)

Opening and closing the tailgate

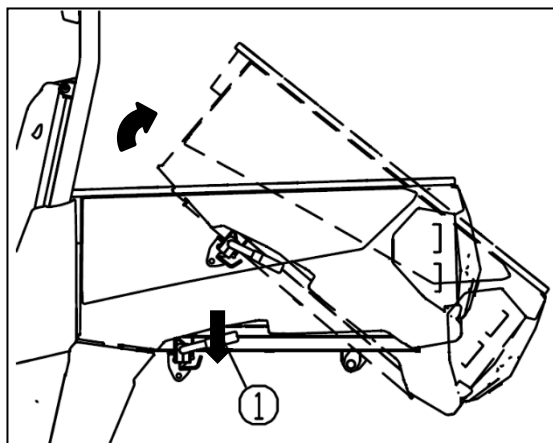


1. Tailgate
2. Tailgate handle

To open:
Pull the handle, and then lower the tailgate.

To close:
Lift the tailgate back and ensure it is locked in place.

Lifting and lowering the cargo bed



1. Cargo bed release lever

To lift:
Push down the cargo bed release lever on either side of the vehicle, then lift the cargo bed until it stops.

To lower
Lower the cargo bed slowly to its original position and be sure that it is locked into place.

7. CONTROLS AND FUNCTIONS



WARNING

POTENTIAL HAZARD

Pinch points.

WHAT CAN HAPPEN

You, or someone else, could be pinched between the cargo bed and the frame when the bed is being lowered.

HOW TO AVOID THE HAZARD

Before closing the bed, be sure you or other people are standing away from the vehicle. Keep hands and fingers away from the pinch points between the bed and the frame.

CARGO BED LOADING LIMIT:

Maximum loading limit: 150 kg



WARNING

POTENTIAL HAZARD

Overloading the cargo bed

WHAT CAN HAPPEN

Could cause changes in vehicle handling which could lead to an accident.

HOW TO AVOID THE HAZARD

Never exceed the stated maximum load limit for this cargo bed. Cargo should be properly distributed and securely attached. Reduce speed when carrying cargo. Allow greater distance for braking.



WARNING

POTENTIAL HAZARD

Carrying a passenger/ passengers in the cargo bed

WHAT CAN HAPPEN

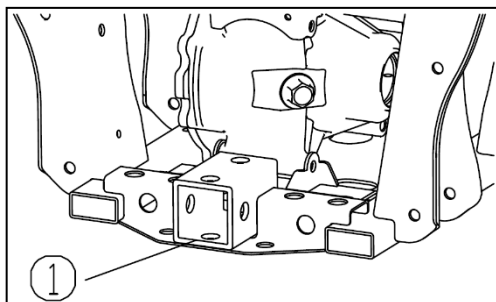
The passenger(s) could fall, be thrown out, or be struck by objects in the cargo bed.

HOW TO AVOID THE HAZARD

Never carry a passenger/ passengers in the cargo bed. This cargo bed is designed to carry cargo only.

TRAILER HITCH BRACKET

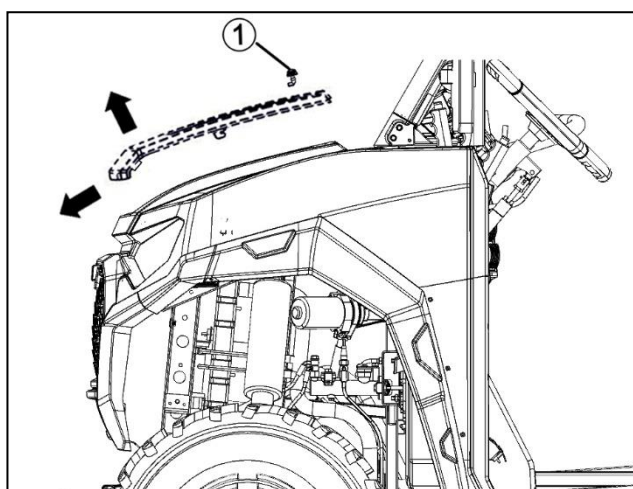
7. CONTROLS AND FUNCTIONS



1. Trailer hitch bracket

This vehicle is equipped with a standard ISO 50 tow ball.

HOOD



1. Latch (×2)

To Open

Unhook the hood latches, pull down the hood and then take it out.

To Close

Put the hood in place, push up it and then lock the latch.



WARNING

If the hood latches are hooked improperly, or the latches and their attachments do not work properly, the front hood can come off during ride, striking the driver or passenger and causing serious personal injury.

COOLING SYSTEM

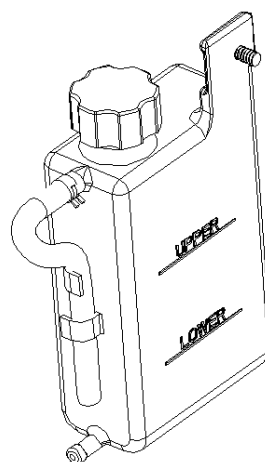
7. CONTROLS AND FUNCTIONS

Coolant Level

The recovery bottle is located under the hood on the left side. Coolant level must be maintained between the minimum and maximum marks indicated on the recovery bottle.

The engine coolant level is controlled or maintained by the recovery system. Recovery system components are: recovery bottle, radiator filler neck, radiator pressure cap and connecting hose.

As coolant temperature increases, heated and expanding coolant is forced out of the radiator past the pressure cap and into the recovery bottle. As coolant temperature decreases, the contracting (cooled down) coolant is drawn back up from the recovery bottle past the pressure cap and into the radiator.



NOTE: Some coolant level drop on new machines is normal as the system is purging itself of trapped air. Observe coolant level and maintain as recommended by adding coolant to the recovery bottle. We recommend using of high quality aluminum compatible anti-freeze coolant.

NOTE: Always follow the manufacturer's mixing recommendations for the freeze protection required in your area.

Recommended coolant: Maxima COOLANOL



WARNING

Never remove the pressure cap when the engine is warm or hot. Escaping steam can cause severe burns. The engine must be cool before removing the pressure cap.

Radiator Coolant Level Inspection

Using a funnel, slowly add coolant through the radiator filler neck.

7. CONTROLS AND FUNCTIONS

NOTE: This procedure is only required if the cooling system has been drained for maintenance and/or repair. However, if the recovery bottle has run dry, the level in the radiator should be inspected and coolant added if necessary.

NOTE: Using a non-original pressure cap will not allow the recovery system to function properly. If the cap needs to be replaced, contact your Linhai dealer for the replacement part.

To insure that the coolant maintains its ability to protect the engine, it is recommended that the system be completely drained every 2 years and fresh antifreeze be added.

7. CONTROLS AND FUNCTIONS

FUEL



WARNING

Gasoline is highly flammable and explosive under certain conditions.

- Always exercise extreme caution whenever handling gasoline.
 - Always refuel with the engine stopped and outdoors, or in a well ventilated area.
 - Do not smoke or allow open flames or sparks in or near the area where refueling is performed or where gasoline is stored.
 - Do not over fill the tank. Do not fill the tank up to the neck.
 - If you get gasoline on your skin or clothing, immediately wash it off with soap and water and change clothing.
 - Never start the engine or let it run in an enclosed area. Gasoline powered engine exhaust fumes are poisonous and can cause loss of consciousness and death in a short time.
-



WARNING

The engine exhaust from this product contains chemicals known, in certain quantities, to cause cancer, birth defects or other reproductive harm.

Recommended Fuel: Unleaded Gasoline only - 95 octanes

Fuel tank capacity: 26.0 L



CAUTION

Use only unleaded, 95 octane gasoline. The use of leaded gasoline will cause severe damage to internal engine parts, such as the valves and piston rings, as well as to the exhaust system.

Fuel filter

Fuel filter should be replaced by your dealer every 100 hours of operation, or annually. Do not attempt to clean the fuel filter.

I

8. STARTING THE ENGINE

Starting a Cold Engine



WARNING

Never run an engine in an enclosed area. Carbon monoxide from exhaust gases is poisonous and can cause severe injury or death. Always start the engine outdoors.



WARNING

POTENTIAL HAZARD

Freezing control cables in cold weather.

WHAT CAN HAPPEN

You could be unable to control the vehicle, which could lead to an accident or collision.

HOW TO AVOID THE HAZARD

When riding in cold weather, always make sure all control cables work smoothly before you begin riding.



CAUTION

You must allow your vehicle to warm up before operating, or engine damage could result.

1. Apply the brakes.
2. Shift the drive select lever into the Neutral or Park position.

NOTE: When the drive select lever is in the neutral position, the Gear Position Indicator on display shows “N” and the neutral indicator (green) is illuminated. When the drive select lever is in the Park position, the Gear Position Indicator display “P” . If the Gear Position Indicator does not display “N” and the Neutral Indicator isn’t illuminated, or does not display “P” , ask Linhai dealer to inspect the electric circuit.

Only when gears are in the neutral or in the Parking position, and the brake is applied, the engine can be started.

8. STARTING THE ENGINE

3. With your foot off the accelerator pedal, start the engine by turning the key to “” position.

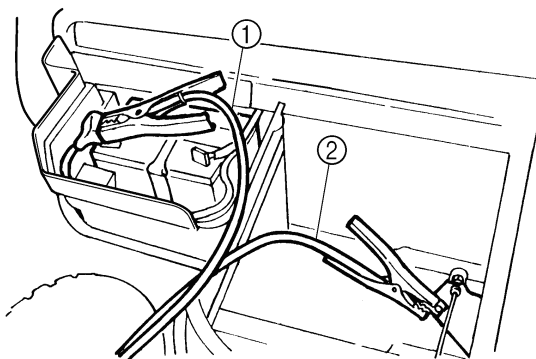
NOTE: If the engine fails to start, release the key, then try starting again. Wait a few seconds before the next attempt. Each cranking should be as short as possible to preserve battery. Do not crank the engine more than 5 seconds on each attempt.

Immediately after the engine starts, continue warming up the engine until it runs smoothly.

Jump-starting

Jump-starting the vehicle should be avoided. The battery should be removed and charged instead. However, if the vehicle must be jump-started, proceed as follows:

1. Turn the key to “” position.
2. Open the front hood.
3. Using a charged 12 V battery, connect the positive lead of the jumper cable to the positive terminal of the battery in the vehicle to be jump-started, and the other end of the positive lead to the positive terminal of the charged battery.



1. Jumper cable positive lead 2. Jumper cable negative lead

8. STARTING THE ENGINE

4. Connect the negative lead of the jumper cable to the negative terminal of the charged battery and the other end of the negative lead to an unpainted metal surface in the vehicle to be jump-started.
5. Start the engine.
6. After the engine starts, disconnect the negative lead of the jumper cable from the vehicle and charged battery, and then disconnect the positive lead of the jumper cable from the charged battery and the battery in the vehicle.
7. Close the hood.



WARNING

If the hood latches are hooked improperly, or the latches and their attachments can not work properly, the front hood can come off during operation, striking the driver or passenger and causing serious personal injury.

9. VEHICLE BREAK-IN PERIOD

VEHICLE BREAK-IN PERIOD

The break-in period for your new UTV is the first 50 hours of operation. No single action on your part is as important as a proper break in period. Careful treatment of new engine will result in more efficient performance and longer engine life. Perform the following procedures carefully:



CAUTION

During the break-in period do not operate at full throttle or high speeds for extended periods. Excessive heat can build up and cause engine damage.

1. Fill the fuel tank.
2. Check oil level on the dipstick. Add oil if necessary.
3. Drive slowly at first. Select wide, open area which will give you room to familiarize yourself with vehicle operation and handling.
4. Do not let engine run at sustained idle.
5. Perform regular checks of fluid levels, controls and all important areas of the vehicle as outlined in the Daily Pre-Ride Inspection Checklist in chapter "4. Daily Pre-Ride Inspection".
6. Do not pull loads.
7. Change break-in oil and oil filter at 20 hours or 800 km.

10. RIDING GEAR

SAFE RIDING GEAR

Always wear clothing suited to the type of riding you are doing. UTVs require dedicated protective clothing which will make you feel comfortable and reduce chances of injury.

1. Helmet

Your helmet is the most important piece of protective gear you can have. A helmet can prevent a severe head injury. Select a homologated off-road motorcycle helmet that fits properly.

2. Eye Protection

A pair of goggles or helmet with face shield can offer the best protection for your eyes.

3. Gloves (off-road style)

The gloves can prevent the operator's and/or passenger's hands being wounded by something sharp during operation.

4. Boots

A pair of strong, ankle-high boots with heels is recommended.

5. Clothing

To protect your body, long sleeves and pants should always be worn. Riding pants with kneepads, and jersey with shoulder pads provide the best protection.

10. RIDING GEAR



WARNING

POTENTIAL HAZARD

Operating this vehicle without wearing an approved motorcycle-type helmet, eye protection and protective clothing.

WHAT CAN HAPPEN

Operating this vehicle without an approved motorcycle-type helmet increases your chances of a severe head injury or death in the event of an accident.

Operating this vehicle without eye protection can result in an accident and increases your chances of a severe injury in the event of an accident.

HOW TO AVOID THE HAZARD

Always wear an approved motorcycle helmet that fits properly. You should also wear: eye protection (goggles or face shield), gloves, boots, long-sleeved shirt or jacket long pants.

11. CARRYING LOADS

CARRYING LOADS

Cargo or a trailer can change the stability and handling of a vehicle.

You must use common sense and good judgment when carrying cargo or towing a trailer. Keep the following points in mind:

- Never exceed the weight limits shown. An overloaded vehicle can be unstable.

MAXIMUM LOADING LIMITS

Cargo bed: 150 kg

Trailer hitch: 490 kg (total weight of trailer and cargo)

Tongue weight: 10 kg

(Tongue weight is vertical weight on the trailer hitch point)

- Choose a trailer hitch drawbar designed for use with a Hitch Ball ISO 50 receiver.
- Do not exceed the maximum tongue weight. You can measure tongue weight with a bathroom scale. Put the tongue of the loaded trailer on the scale with the tongue at hitch height. Adjust the load in the trailer, if necessary, to reduce the weight on hitch. If you are carrying cargo and towing a trailer, include the tongue weight in the maximum vehicle load limit.
- Load cargo in the cargo bed as close to the center of the vehicle as possible, and tie it down using the cargo hooks equipped on the cargo bed.
- Tie down cargo securely in the trailer. Make sure cargo in the trailer cannot move around. A shifting load while riding can cause an accident.

11. CARRYING LOADS

- Make sure the load does not interfere with controls or your ability to see where you are going.
- Drive more slowly than you would without a load. The more weight you carry, the slower you should go. Although conditions may vary, it is good practice to use low range “L” whenever you are carrying heavier loads or when towing a trailer.
- Allow more braking distance. A heavier vehicle takes longer distance to stop.
- Avoid making sharp turns unless at very slow speeds.
- Avoid hills and rough terrain. Choose terrain carefully. Added weight affects the stability and handling of the vehicle.

Use A Safety Chain

- A safety chain will help to control drawn machinery should it separate from the drawbar.
- Use a chain with the strength rating equal to, or greater than the gross weight of the towed machinery.
- Attach the chain to the drawbar support or other specified anchor location. Allow enough slack in the chain to permit turning.
- Never use a safety chain for towing.



11. CARRYING LOADS



WARNING

POTENTIAL HAZARD

Overloading the vehicle, or carrying or towing cargo improperly.

WHAT CAN HAPPEN

Could cause changes in vehicle handling which could lead to an accident.

HOW TO AVOID THE HAZARD

Never exceed the stated load capacity for this vehicle. Cargo should be properly distributed and securely attached. Reduce speed when carrying cargo or pulling a trailer. Allow a greater distance for braking.



WARNING

POTENTIAL HAZARD

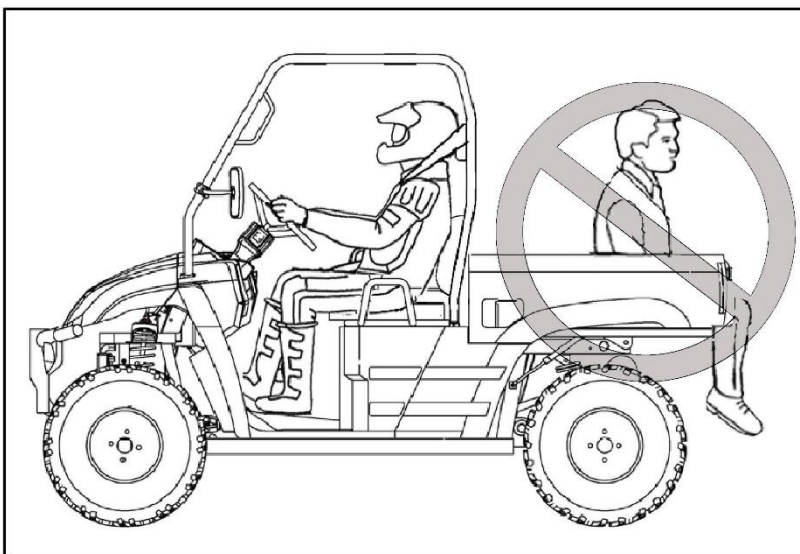
Carry passenger (s) in the cargo bed.

WHAT CAN HAPPEN

The passenger(s) could fall, be thrown out or be struck by objects in the cargo bed.

HOW TO AVOID THE HAZARD

Never carry a passenger in the cargo bed. The cargo bed is designed for carrying cargo only.



12. DRIVING

GETTING TO KNOW YOUR VEHICLE

This Off-Road Utility Vehicle handles differently from ordinary cars or other vehicles. Before you begin to use your vehicle, be sure you have read this owner's manual completely and understand the operation of the controls. Pay particular attention to the safety information. Also read all caution and warning labels on your vehicle. This vehicle is designed for the operator and one passenger. The driver and passenger must always wear a seat belt when riding in the vehicle. Never carry passengers in the cargo bed.



WARNING

POTENTIAL HAZARD

Not wearing the seat belt.

Wearing a seat belt improperly.

WHAT CAN HAPPEN

There is an increased risk of serious injury or death in an accident.

HOW TO AVOID THE HAZARD

Always wear the seat belt when riding in the vehicle.

Be sure the seat belt is close-fitting across your hips and chest and is latched securely.



WARNING

The engine's rpm limiter is set to activate at 7000 rpm. Operating the engine with the limiter engaged may cause excessive fuel to accumulate in the exhaust system. When ignited by the catalyst in the muffler, THIS COULD RESULT IN OVERHEATING OF THE MUFFLER AND A POTENTIAL FIRE HAZARD. Always reduce the throttle once the engine reaches the limiter. Avoid the engine popping.



WARNING

You must inspect your UTV each time before riding to ensure it is in proper working order. If proper inspection is not done, severe injury or death could result. See "4.DAILY PRE-RIDE INSPECTION" for details.

12. DRIVING

LEARNING TO OPERATE YOUR VEHICLE

You should start to become familiar with the performance characteristics of the vehicle in a large, flat area that is free of obstacles and other vehicles. Practice control of the accelerator pedal, brakes, steering, and drive select lever. Drive first at slow speed and become comfortable at that speed before gradually increasing your speed. Become familiar with the way the vehicle feels in low and high ranges, first in two-wheel drive (2WD) and then in four-wheel drive (4WD). Also practice driving in reverse. Take the time to learn basic operation before attempting more difficult maneuvers.

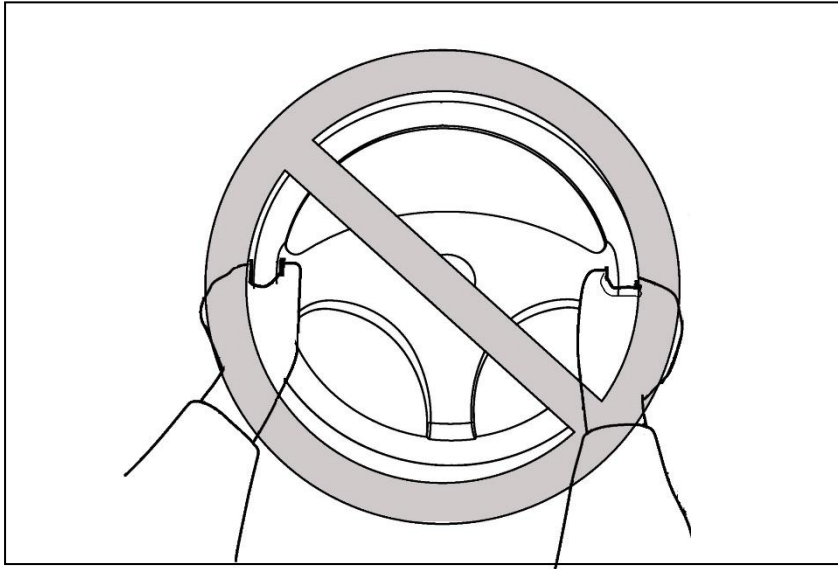
1. Set the parking brake, shift to neutral, and follow the instructions to start the engine.
2. With the engine idling, shift the drive select lever into Low or High gear, then release the parking brake.
3. Press the accelerator pedal slowly and smoothly. The centrifugal clutch will engage and you will start to accelerate. Avoid higher speeds until you are thoroughly familiar with the operation of your vehicle.
4. When slowing down or stopping, take your foot off the accelerator pedal and smoothly press the brake pedal. Improper use of the brakes can cause the tires to lose traction, reducing control and increasing the possibility of an accident.

MAKING TURNS

There is a danger for the vehicle to roll over or go out of control if you attempt sharp, high-speed turns. You should also be careful making sharp turns in rough terrain. Do not attempt to turn around or make abrupt maneuvers on slopes.

Position your hands on the steering wheel so that your thumbs and fingers do not wrap around the wheel. This is particularly important when driving in rough terrain. The front wheels will move right and left as they respond to the terrain, and this movement will be felt in the steering wheel. A sudden jolt could wrench the steering wheel around, and your thumbs or fingers could be injured if they are in the way of the steering wheel spokes.

12. DRIVING



BRAKING

Braking ability is affected by the type of terrain. In most cases, gradually application of the brakes is more effective than abrupt braking, particularly on loose surfaces like gravel. Always allow for greater braking distance on rough, loose, or slippery surfaces.

GOING UPHILL

Do not attempt to climb hills until you have mastered basic maneuvers on flat ground. Use proper driving techniques to avoid overturns on hills and slopes. Drive straight up hills, and avoid crossing the side of a hill, which increases your chance of rollover. Practice first on gentle slopes before attempting steeper hills. Always check the terrain carefully before attempting any hill. Use common sense and remember that some hills are too steep for you to climb. Choose carefully which hills you attempt to climb. Avoid hills with slippery surfaces or ones where you will not be able to see far enough ahead of you.



WARNING

POTENTIAL HAZARD

Operating on excessively steep hills.

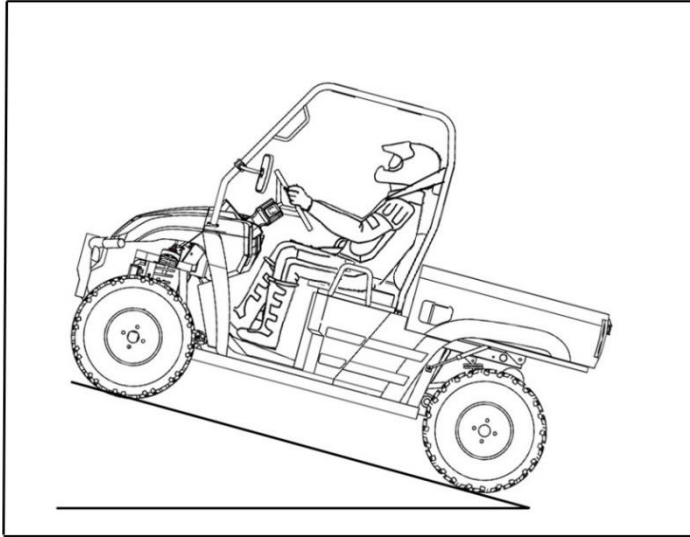
WHAT CAN HAPPEN

The vehicle can overturn more easily on extremely steep hills than on level surfaces or small hills.

12. DRIVING

HOW TO AVOID THE HAZARD

Never operate your vehicle on hills too steep for it or your abilities. Never operate vehicles on hills steeper than **20%**. Do not drive across the face of a hill. Go straight up the hill. Practice on smaller hills before attempting large hills.



20% Maximum

Before climbing the hill, first be sure you are operating in Low range 4WD (4WD mode). To climb a hill, you need traction, momentum, and steady throttle. Travel fast enough to keep your momentum going, but not so fast that you cannot react to changes in the terrain as you climb. Slow down when you reach the crest of the hill if you cannot clearly see what is on the other side. There could be another person, an obstacle, or a sharp drop off.

If you start to lose traction or momentum when climbing, and you decide you will be unable to continue, use the brakes to come to a stop. Do not attempt to turn the vehicle around. With your foot on the brake, look behind you and plan your descent. Release the brake and begin to coast down the hill, gently applying the brakes when necessary.

GOING DOWNHILL

Check the terrain carefully before going down a hill. When possible, choose a path that lets you drive your vehicle straight downhill. Avoid sharp angles that could allow the vehicle to pitch or roll over. Carefully choose your path and drive no faster than you will be able to react to obstacles that may appear.

12. DRIVING



WARNING

POTENTIAL HAZARD

Going down a hill improperly.

WHAT CAN HAPPEN

Could cause loss of control or cause the vehicle to overturn.

HOW TO AVOID THE HAZARD

Always check the terrain carefully before you start down any hill. Never go down a hill at high speed. Avoid going down a hill at an angle that would cause the vehicle to lean sharply to one side.

Go straight down the hill where possible.

Before starting down the hill, make sure the vehicle is in low-range 4WD (4WD mode). Go as slowly as possible. If you are starting to go too fast, apply the brakes gently. Avoid sudden braking which could cause the vehicle to start sliding. If you are sliding or skidding, try to steer in the direction of slide to regain control. If you must turn on the hill to avoid an obstacle, do so slowly and carefully. If the vehicle starts to tip, gradually steer in the downhill direction if there are no obstacles in your path. As you regain balance, gradually steer again in the direction you want to go.



WARNING

POTENTIAL HAZARD

Trying to stop the tipping vehicle with your arm or leg.

WHAT CAN HAPPEN

You could be severely injured. You could suffer a crushed hand, arm, leg, or foot.

HOW TO AVOID THE HAZARD

You must keep your arms and legs inside the vehicle until it has stopped moving. As with any off-road-capable vehicle, there is a risk of tip over or rollover under certain conditions. Uneven terrain or slopes which pitch the vehicle sideways, turning too fast or sharp, or a combination of conditions increase the risk of tip over. If you are in a situation where the vehicle is tipping over, do not put your arm or/ and leg outside the vehicle, do not try to stop tipping with your arm or leg. You could be severely injured. You could suffer a crushed hand, arm, leg, or foot, if part of your body is caught underneath the vehicle.

12. DRIVING

CROSSING THROUGH SHALLOW WATER

If you must cross shallow, slow moving water up to **200 mm depth**, choose your path carefully to avoid sharp drop-offs, large rocks, or slippery surfaces that could cause the vehicle to overturn. Never operate through water deeper than **200 mm**, or fast flowing water. Wet brakes may have reduced effectiveness. After leaving the water, test your brakes. If necessary, apply the brakes several times to let friction dry out the linings.

NOTE: After running the vehicle in water, it is critical your machine is serviced as outlined in the maintenance chart see “17. Maintenance”. The following areas need special attention: Engine oil, transmission oil, front and rear gear cases, air filter and all grease fittings.



WARNING

POTENTIAL HAZARD

Operating this vehicle through deep or fast-flowing water.

WHAT CAN HAPPEN

Loss of control, which could result in an accident including overturn, which could increase the risk of drowning.

HOW TO AVOID THE HAZARD

Never operate this vehicle in fast flowing water or in water deeper than 200 mm. Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply brakes several times to let friction dry out the linings.

12. DRIVING

RIDING OVER ROUGH TERRAIN

Operating over rough terrain should be done with caution. Look for obstacles that could cause damage to the vehicle or could lead to a rollover or accident. Avoid jumping the vehicle as injury, loss of control, and damage to the vehicle could occur.



WARNING

POTENTIAL HAZARD

Failure to use extra care when operating this vehicle on unfamiliar terrain.

WHAT CAN HAPPEN

You can come upon hidden rocks, bumps, or holes, without enough time to react. Could result in the vehicle overturn or going out of control.

HOW TO AVOID THE HAZARD

Go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the vehicle.

RIDING IN BRUSH OR WOODED AREAS

When operating in areas with brush or trees, watch carefully on both sides and above the vehicle for obstacles such as branches that the vehicle might hit, causing an accident, or for brush that might enter the vehicle as you pass and strike the driver or passenger. Never hold onto the enclosure so your hand is outside the vehicle. Hold only onto the handgrip inside the enclosure.

ENCOUNTERING OBSTACLES ON THE TRAIL

If you cannot go around an obstacle such as a fallen tree trunk or a ditch, stop the vehicle where it is safe to do so. Set the parking brake and get out to inspect the area thoroughly. Look from your approach side and the exit side. If you believe you can continue safely, decide the path that will allow you to get over the obstacle at as close to a right angle as possible to minimize vehicle tipping. Go only fast enough to maintain your momentum but still give yourself plenty of time to react to changes in conditions. If there is any question about your ability to maneuver safely over the obstacle, you should turn around, if the ground is flat and you have the room, or back up until you find a less difficult path.

12. DRIVING



WARNING

POTENTIAL HAZARD

Improperly operating over obstacles

WHAT CAN HAPPEN

Could cause loss of control or a collision. Could cause the vehicle to overturn.

HOW TO AVOID THE HAZARD

Before operating in a new area, check for obstacles. Use extreme caution when operating over large obstacles, such as large rocks or fallen trees.

PARKING

When parking, stop the engine, shift into the neutral and apply the parking brake.

Parking on a slope

1. Bring the vehicle to a stop by applying the brakes.
2. Stop the engine.
3. With the brakes applied, set the parking brake.



WARNING

POTENTIAL HAZARD

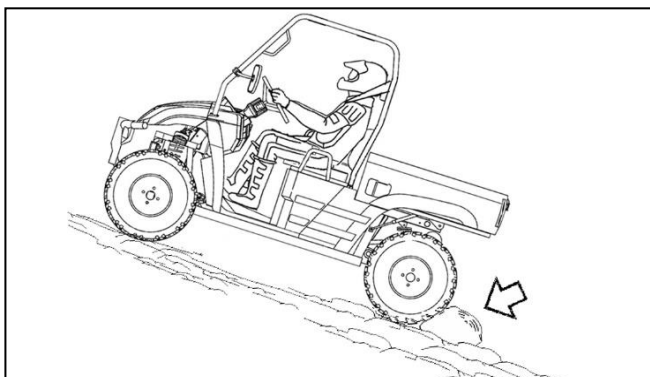
Parking on a hill or other incline.

WHAT CAN HAPPEN

The vehicle could roll out of control, increasing the chance of an accident.

HOW TO AVOID THE HAZARD

Avoid parking on hills or other inclines. If you must park on an incline, apply the parking brake, and block the lower wheels with rocks or other objects. Do not park the vehicle at all on hills that are so steep you could not walk up them easily.



13. WINCH GUIDE

WINCH GUIDE

If your vehicle is equipped with a winch, or if you intend to install the winch, read this chapter before winch installation and use to understand and familiarize yourself with the safety precautions and operating instructions.



WARNING

Read and understand the operating instructions and warnings in this manual. If the instructions or warnings are not followed, serious property damage or personal injury may occur.

- Take your time to think through the winch operation you are about to perform.
- Proceed slowly and deliberately.
- Never hurry or rush during winching.
- Always pay attention to your surroundings.
- Be prepared to change your winching strategy if it is not working.
- Remember that although your winch is very powerful, there are simply some situations that you and the winch will not be able to deal with. Do not be afraid to ask others for help when necessary.
- Always inspect the vehicle, winch, cable and controls for signs of damage or parts in need of repair before each use. Pay particular attention to the first 1 meter of winch cable if the winch is used (or has been used) for lifting a plow. Promptly replace any worn or damaged cable
- It is strictly prohibited for children under the 16 years to operate the winch.
- The user must read and understand the operating instructions and warnings in this manual. If the instructions or warnings are not followed, serious property damage or personal injury may occur.
- Before or during winching, pay attention to the safety and environmental conditions within the operating range of the winch.
- Do not overload the winch. Ensure that all winch accessories meet the maximum rope pull force rating. We recommend using an optional pulley block and double rope winching to reduce the load on the winch, rope and battery. When using double rope winching, the rated value of the pulley block should be 2x the pulling capacity of the winch.

13. WINCH GUIDE

- Do not pull heavy loads for a long time. Electric winches are only designed to use for a limited time. Winch should not be used under constant load. Do not pull for more than 1 minute, or near the winch rated load. If the winch motor feels very hot, stop the winch and let it cool for a few minutes.
- Always be sure that at least five (5) full turns of winch cable are wrapped around the winch drum.
- Avoid pulling from extreme angles, as this will cause the rope to accumulate at one end of the drum and damage the rope.
- Be aware, that the maximum pulling capacity of the winch is the maximum pulling capacity on the first layer only - only the first layer can be pulled in max. winch capacity. Do not overload the winch.
- Never hook the cable back to itself; otherwise the cable will be damaged. Use trunk protection protector.
- Before operation, make sure that the winch is firmly fixed to the vehicle or bracket.
- Before moving heavy objects, check the winch cable to prevent kinks and uneven wire layers. The slacked cable must be properly tightened under a tension of about 50 kg.
- When pulling the load, be sure to lay a blanket or protective layer on the rope near the hook end. This will prevent the possibility of breaking the rope and help prevent serious injuries and damage.
- Do not move the winch to assist in hauling heavy objects. It is easy to overload and cause damage to the rope.
- Pay attention to the dangerous areas and stay away from dangerous areas during the operation. Dangerous areas are winch drum, fairlead, rope, pulley block, hook and motor.
- When the winch is under load, do not approach or cross the rope.
- When using the winch to move the load, place the vehicle transmission in neutral and apply brake of the vehicle and block all wheels with chocks.
- Before using the winch, be sure that both batteries are charged. Never use the winch with insufficient battery voltage.
- Never disconnect the power supply if there is a load on the winch.
- After winching, release the load immediately. Do not tighten the rope.
- Always stay away from rope, hook and winch.

13. WINCH GUIDE

- Check winch, rope, hook, and broken strands of worn rope regularly. When operating with the steel wire cable, wear thick leather gloves. Never let the steel wire cable run through your hands. Check the steel cable before use. Crushed, pinched, worn or kinked areas seriously reduce cable working load limit. Damaged wire cable should be replaced.
- First disconnect the clutch, then pull the rope by the hook strap. Do not pull the rope directly by the hook with your fingers.
- After the use, pull the winch rope tightly with about 50 kg of tension, using the hook strap.
- Do not operate the winch under the influence of alcohol or drugs.
- If there is a problem with winch, cut off the battery immediately and check the winch carefully.
- Wear goggles, long sleeves, non-slip boots, work cap and thick leather gloves. Keep your hair under the work cap and remove all jewelry.
- Do not repair or modify any part of the winch.
- When the winch is working, the electric current is very large. Start the vehicle engine and apply the throttle lightly to avoid damage to the battery.
- The winch rope should be in a straight line with the vehicle. Too big an angle will change the direction of the pulling force, thereby damaging the rope.
- If severe noise or vibration occurs during the use of the winch, stop the winch immediately.
- When the winch is not used, remove and store the controller.
- A kinked winch cable made of wire rope that has been “straightened out” - even though it may look usable - has been permanently and severely damaged. It can no longer hold its load capacity rating. Promptly discontinue use of a winch cable in this condition.
- A winch cable made of synthetic rope should be inspected for signs of fraying. Replace the cable if fraying is observed. Promptly discontinue use of a winch cable in this condition.
- Replace synthetic cable if fused, or melted fibers are discovered, promptly discontinue use of a winch cable in this condition.
- Never replace original synthetic winch cable with consumer-grade polymer rope such as can be purchased in a hardware store. Only use cable that is specifically designed for winch use

13. WINCH GUIDE



WARNING

The **ONLY** time a winch-equipped vehicle should be moving and using the winch is for self-recovery. The winch-equipped vehicle should **NEVER** use motion to shock-load the winch cable in an attempt to recover a second stuck vehicle.



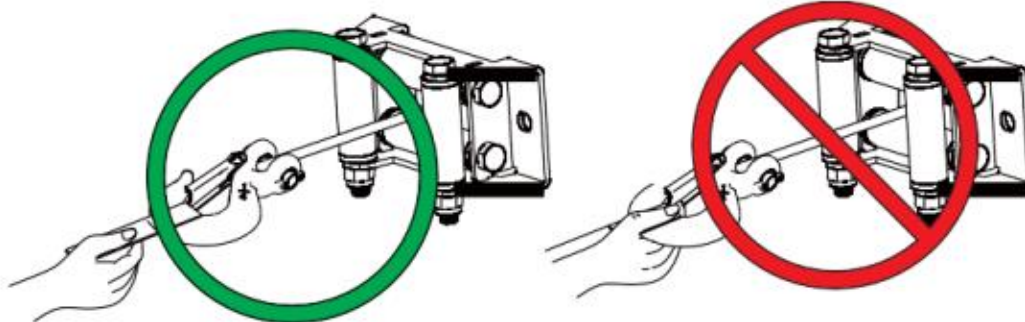
WARNING

When releasing or retrieving the winch rope, rope must be left with sufficient length to prevent the rope from being over-rolled in or out. When the rope is retrieving, please maintain a certain tension so that the wire can be retracted smoothly and can be wound tightly during retrieving.



WARNING

Always use the hook strap to pull the hook. Do not hold the hook with your hands. This is not only important when winding the rope, but also when removing the rope from the winch under power.



14. CVT SYSTEM

CVT System



WARNING

CVT system rotates at high speeds, creating large amounts of force on clutch components. However, as the owner, you have the following responsibilities to make sure this system remains safe:

- Do not modify any component of the CVT system. Doing so may reduce its strength so that a failure may occur at high speeds. Any modification will cause the system to be out of balance, creating vibration and additional loads on components.
- Routine maintenance is the responsibility of the owner. Always follow recommended maintenance procedures. Contact your dealer!
- The CVT housing must be securely in place during operation.

Failure to comply with this warning can result in severe injury or death.

Using Low Range May Reduce CVT Operating Temperatures

The basic operation of the CVT system is dependent on engine speed and vehicle torque requirements. As engine speed increased, the force exerted on the movable drive sheave by the fly-weights also increases. This, in turn, increases the amount of “pinch” applied to the drive belt. Similarly, if the engine speed decrease, the amount of centrifugal force decreases, reducing the amount of belt “pinch”.

On UTV, the approximate gear ratio difference between high and low range is 1:1,87. This difference in gearing affects the operation of the CVT, especially at speeds less than 10 km/h, due to the system's dependence on engine speed.

By switching to low range while operating at low ground speeds, the air temperature in the clutch will be reduced. Reducing the temperature inside the clutch cover extends the life of the CVT components (belt, cover, etc.).

14. CVT SYSTEM

WHEN TO USE LOW RANGE

The following lists provide a guideline for when to use Low range rather than High.

Low Range

- Basic operation at speeds less than 10 km/h.
- Heavy pulling
- Riding through rough terrain (swamps, mountains, etc.), riding at low speeds

High Range:

- Standard range for operations at speeds greater than 10 km/h.
- Riding in high speed

15. BATTERY

This model is equipped with a 12V 18Ah maintenance-free (MF) battery, or with 12V 30Ah MF battery for EPS models. There is no need to add distilled water to this battery. Anyway, for the best performance and maximum life, also MF batteries require some maintenance: when cleaning, maintaining and charging maintenance-free (MF) battery, follow the procedures below. Also, read and follow instructions of the battery charger manufacturer, as well as instructions of the battery manufacturer, and follow all warnings and cautions.



WARNING

Whenever removing the battery, disconnect the negative (black) cable first. When reinstalling the battery, connect the negative (black) cable last. Otherwise, an explosive situation could result, causing serious injury or death.



WARNING

Sealed MF batteries contain an immobilized electrolyte, so they still pose a risk if the case cracks and the internal sulfuric acid electrolyte is exposed. Battery electrolyte is poisonous. Serious burns can result from contact with skin, eyes or clothing. Antidote:

External: Flush with water.

Internal: Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg, or vegetable oil. Call physician immediately.

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

Batteries produce explosive gases. Keep sparks, flame, cigarettes, etc. away. Ventilate when charging or using in an enclosed space. Always shield eyes when working near batteries.

KEEP OUT OF REACH OF CHILDREN.

Battery Removal

1. Disconnect straps holding the electrical box and battery in position and remove the battery cover.
2. Disconnect the black (negative) battery cable first.
3. Disconnect the red (positive) battery cable next.
4. Lift the battery from the vehicle.

15. BATTERY

Battery Installation and Connections



WARNING

To avoid the possibility of explosion, always connect battery cables in the order specified. Red (positive) cable first; black (negative) cable last. An exploding battery can cause serious injury or death.



WARNING

Battery terminals and connections should be kept free of corrosion. If cleaning is necessary, clean the terminals with an electric contact cleaner, such as Maxima Electrical cleaner, then coat the terminals with dielectric grease.

1. Place the battery in its holder.
2. First connect and tighten the red (positive) cable.
3. Second connect and tighten the black (negative) cable.
4. Reinstall battery cover and attach the hold down strap.
5. Verify that cables are properly routed.

NOTE:

- When your UTV is placed in storage for one month or more, the battery should be removed, charged and stored in a cool dry place.
- Before reusing, recharge and test the battery.

Power plug leads may need to be bent down so that battery cover may be installed.

- When installing a new battery, make certain it is fully charged prior to its initial use. Using a new battery that has not been fully charged can damage the battery resulting in a shorter life of the battery. It can also hinder vehicle performance.



● **WARNING**

Your UTV is equipped with an 18Ah Battery (or 30Ah Battery for EPS model). This may not be sufficient to provide power for optional electric equipment. When installing optional equipment, please visit your dealer and upgrade your battery as necessary.

16. EXHAUST SYSTEM

SYSTEM REGULATION

TAMPERING WITH NOISE CONTROL SYSTEM IS PROHIBITED!

CAUTION:

Exhaust system components are very hot during and after ride.

- Do not touch exhaust system. Serious burns can result.
- Be especially careful when traveling through tall grass. The potential for fire exists.



WARNING

The engine's rpm limiter is set to activate at 7000 rpm. Operating the engine with the limiter engaged may cause excessive fuel to accumulate in the exhaust system. When ignited by the catalyst in the muffler, THIS COULD RESULT IN OVERHEATING OF THE MUFFLER AND A POTENTIAL FIRE HAZARD. Always reduce the throttle once the engine reaches the limiter. Avoid the engine popping.



WARNING

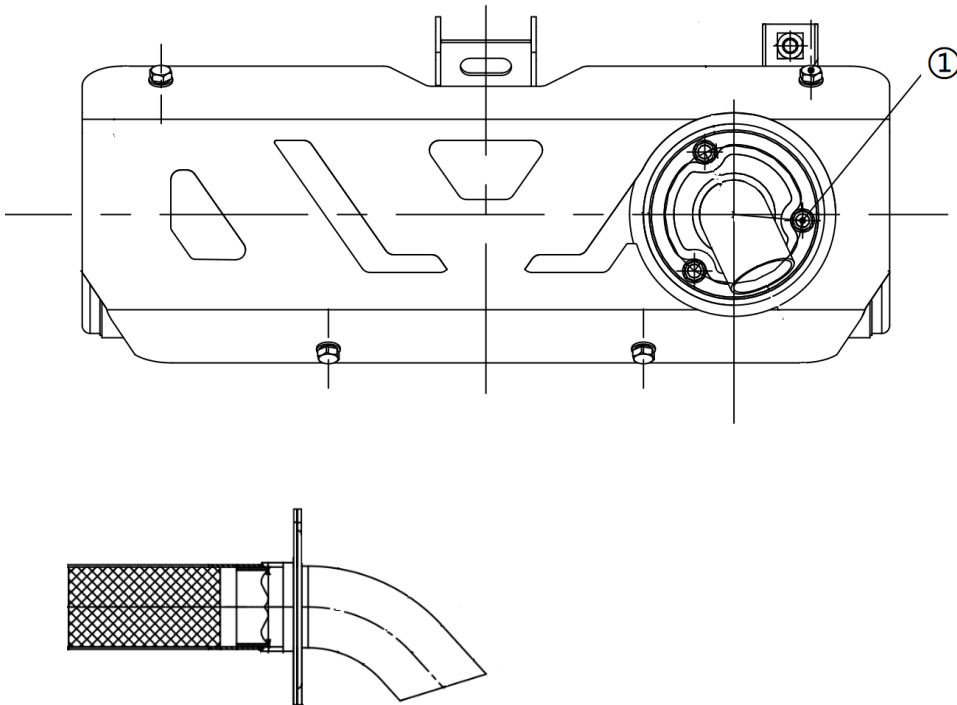
The engine exhaust from this product contains chemicals known, in certain quantities, to cause cancer, birth defects or other reproductive harm.

16. EXHAUST SYSTEM

Spark Arrestor

The exhaust pipe must be periodically purged of accumulated carbon as follows:

1. Remove 3 bolts and arrester ① from the end of the muffler.
2. Use a non-synthetic brush to clean the arrester screen. A synthetic brush may melt if components are warm. If necessary, blow debris from the screen with compressed air.
3. Inspect the screen for wear and damage. Replace the arrester if damage is found.
4. Reinstall the arrester



17. MAINTENANCE

MAINTENANCE CHART KEY

SYMBOL	DESCRIPTION
I	Inspect
A	Adjust
R	Replace
C	Clean

The intervals shown are based on vehicles operated under normal conditions. Vehicles subjected to heavy or severe use should be serviced more frequently.

Item	Maintenance period (km)											
	300	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	Check before every ride
Engine oil		R		R			R			R		I
Oil filter		R		R			R			R		
Air filter *	Clean filter every 2000-3000 km. Change when necessary.											
Spark plug	Clean in initial 4000 km and then every 3000~4000 km. Change when necessary.											
Valve clearance		A		A			A			A		
Fuel filter		C		C			C			R		
Brake function, brake pads		I	I	I	I	I	I	I	I	I	I	I
Brake fluid		I	I	I	I	I	I	I	I	I	I	I
Fasteners (excluding engine bolts)	I						I				I	
NOTE - After exceeding the 10.000 km, start the maintenance table over, repeating the services that were due at 1,000 km and continuing through all the regular intervals again. (see ← ● arrow)												
* When driving in dusty areas, it is recommended to clean frequently.												



WARNING

Vehicles subjected to heavy or severe use should be serviced more frequently.

17. MAINTENANCE

MAINTENANCE CHART KEY

D: Items marked with a 'D' in the Maintenance chart should be performed by an authorized Linhai dealer.

●: More often under severe use (frequent immersion in mud, water, or sand, constant high RPM use, prolonged low-speed, heavy load operation, extended idle, short trips in cold weather).

PERIODIC MAINTENANCE SCHEDULE

Careful periodic maintenance will help keep your vehicle in the safest, most reliable condition. Inspection, adjustment and lubrication intervals of important components are explained in the following chart on the following pages.

NOTE:

Maintenance intervals are based on average riding conditions and an average speed approximately 16 km/ h. However, keep in mind that if the vehicle isn't used for a long period of time, the month maintenance intervals should be followed.

Vehicles subjected to severe use, such as frequent immersion in mud, water, or sand, operation in constant high RPM, prolonged low-speed, heavy load operation, extended idle, short trips in cold weather, should be inspected and serviced more frequently.

Inspect, clean, lubricate, adjust or replace parts as necessary.

NOTE:

Inspection may reveal the need for replacement parts. Always use genuine parts available from official Linhai dealer.

Service and adjustments are critical. If you are not familiar with safe service and adjustment procedures, have an authorized Linhai dealer perform these services.

17. MAINTENANCE

	Item	Hours	When	Remarks
●	Brake system	Pre-ride	Pre-ride	Pre-ride inspection item
	Accelerator pedal	Pre-ride	Pre-ride	Inspect, adjust, lubricate, replace if necessary; pre-ride inspection item
	Fuel System	Pre-ride	Pre-ride	Check for leaks at tank cap, fuel lines, fuel valve and fuel filter
●	Tires	Pre-ride	Pre-ride	Inspect daily, pre-ride inspection item
●	Front and Rear Wheels / Hubs	Pre-ride	Pre-ride	Pre-ride inspection item
●	Steering	Pre-ride	Pre-ride	Inspect daily, lubricate
D	Wheels bearings	10 hrs	Monthly	Check for looseness/ damage. Replace if damaged.
	Frame nuts, bolts and fasteners	Pre-ride	Pre-ride	Pre-ride inspection item
●	Air Filter, Pre-Cleaner	Daily	Daily	Inspect, clean
	Coolant /Coolant level Inspection	Daily	Daily	Replace coolant every year
●	Airbox Sediment Tube	Daily	Daily	Drain deposits whenever visible
	Headlamp inspection	Daily	Daily	Check operation daily; apply dielectric grease to connector when replaced
	Tail lamps/ indicator lamps inspection	Daily	Daily	Check operation daily; apply dielectric grease to socket when replaced
●	Air Filter-Main Element	Weekly	Weekly	Inspect, replace if necessary
	Battery	100 hrs	Yearly	Check; clean terminals
D	Brake pads wear	10 hrs	Monthly	Inspect periodically
●	Rear Gearcase oil	100 hrs	Monthly	Check monthly, change annually
●	Front Gear case Oil	100 hrs	Monthly	Check monthly and change annually

17. MAINTENANCE

	Item	Hours	When	Remarks
	Engine Cylinder Head and Cylinder Base Fasteners	25 hrs	3 months	Inspect (re-torque required at first service only)
●	General Lubrication	50 hrs	3 months	Lubricate all fittings, pivots, cables, etc.
●	Engine Oil Level / Change	30 hrs	3 months	Check Level Daily; Break in Service at 1 month. Change oil more often in cold weather use.
●	Oil Filter	50 hrs	6 months	Inspect, clean
	Engine breather hose	100 hrs	6 months	Inspect
D	Throttle Cable/ Accelerator pedal	20 hrs	monthly	Inspect, adjust, lubricate, replace if necessary; pre-ride inspection item
	Coolant strength	100 hrs	6 months	Inspect strength seasonally
	Shift linkage	50 hrs	6 months	Inspect, adjust
D	Drive belt	50 hrs	6 months	Inspect, replace if necessary
D	Steering system	50 hrs	6 months	Check function and looseness, worn, damage, binding feeling. Adjust, repair, Replace if necessary. Check toe alignment; Adjust if necessary.
D	Toe adjustment	As required	As required	Periodic inspection, adjust when parts are replaced
D	Front Axle, CV Joints	10 hrs	Monthly	Check for Axle boots looseness/ damage.
●	Rear Axle	50 hrs	6 months	Inspect bearings, lube
●	Front Prop Shaft & Shaft Yoke & Boots	50 hrs	6 months	Check for boots looseness/ damage
●	Rear Prop Shaft, Shaft Yoke & Boots	50 hrs	6 months	Check for boots looseness/ boot damage

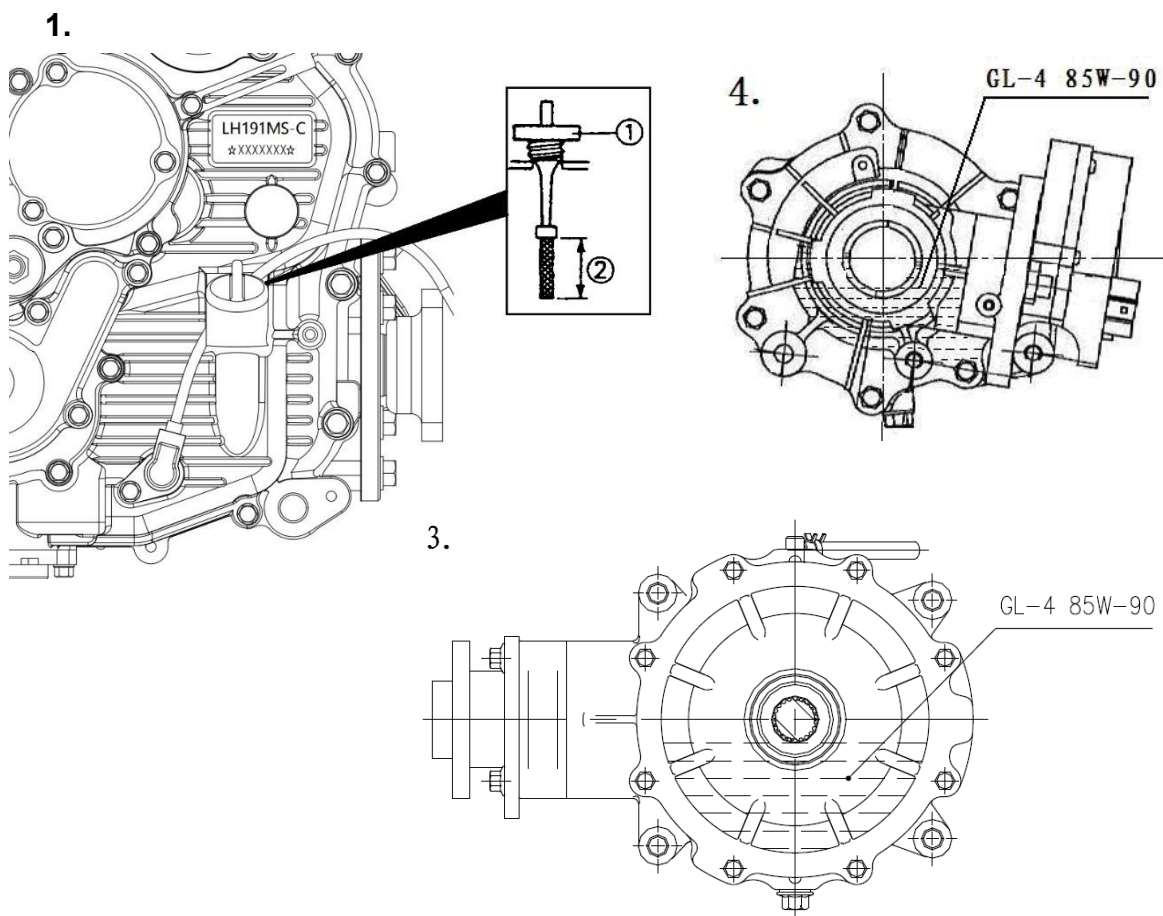
17. MAINTENANCE

	Item	Hours	When	Remarks
●	Front Suspension	50 hrs	6 months	Inspect, lubricate, tighten fasteners
●	Rear Suspension	50 hrs	6 months	Inspect, tighten fasteners
	Spark Plug	100 hrs	12 months	Inspect-replace if necessary
D	Ignition Timing	100 hrs	12 months	Inspect and adjust as needed
D	Fuel System	50 hrs	6 months	Check for leaks at fuel tank cap, fuel lines, fuel valve, and fuel filter. Replace lines every year
D	Fuel Filter	100 hrs	12 months	Replace annually
	Radiator	100 hrs	12 months	Inspect/clean external surfaces
	Cooling system hoses	50 hrs	6 months	Inspect, replace if necessary
	Spark arrestor	10 hrs	monthly	Clean, replace if necessary
D	Clutches (drive and driven)	25 hrs	3 months	Inspect, clean
	Engine mounts	25 hrs	3 months	Inspect
D	Valve clearance	100 hrs	12 months	Inspect, adjust
D	Brake fluid	200 hrs	24 months	Change every two years
	Idle Speed	As required	As required	Adjust
	Headlight aim	As required	As required	Adjust if necessary

17. MAINTENANCE

LUBRICATION RECOMMENDATIONS

	Item	Lube	Remark	When
● 	1. Engine Oil	SAE 15W/40 SJ	Add to proper level on dipstick	Check level daily
	2. Brake Fluid	DOT 4	Maintain level between fill lines. See "17. MAINTENANCE/ Brakes"	As required; change every 2 years or 200 hrs
	3. Rear Gearcase oil	SAE GL-4 85W/90	See "17.MAINTENANCE/ Rear Gearcase Lubrication"	Change annually or at 100 hours
	4. Front Gearcase oil	SAE GL-4 85W/90	See 17.MAINTENANCE/ Front Gearcase Lubrication"	Change annually or at 100 hours



17. MAINTENANCE

	Item	Lube	Remark	When
●	5. Steering system	Grease	Lubricate the pivoting and sliding parts	Every 3 months or 50 hours
●	6. Tie Rods *	Grease	Grease	Semi-annually
●	7. Shift Linkages	Grease	Locate fittings and grease	Semi-annually
●	8. Front Wheel bearings	Inspect	Inspect and replace bearings if necessary	Semi-annually
●	9. Ball joints	Grease	Inspect, locate fittings and grease, replace if necessary	Semi-annually
●	10. Prop Shaft & Shaft yoke, Spline Joint	Grease	Locate fitting and grease them	Semi-annually
●	11. Front/Rear A-arm pivot shafts *	Grease	Locate fitting on pivot shaft and grease with grease gun	Every 3 months or 50 hours
●	12. Throttle Cable	Grease M	Grease, inspect, replace if necessary	Monthly or 20 hours
●	13. Accelerator pedal and brake pedal	Grease	Grease, inspect	Monthly or 20 hours
●	14. Rear Wheel Bearing	Inspect	Inspect and replace bearings if necessary	Semi-annually

NOTES:

1. More often under severe use, such as wet or dusty conditions
2. Grease: Light weight lithium-soap grease.
3. Grease M: molybdenum disulfide (MoS₂) grease (water resistant)
4. * When suspension action becomes stiff or after washing.
5. Hours are based on 16 km/h average speed.

17. MAINTENANCE

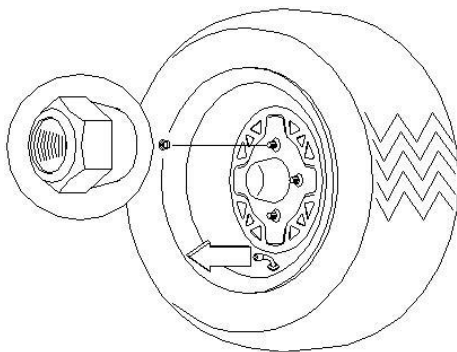
The following items should be checked occasionally for tightness; or if they have been loosened for maintenance service:

WHEEL NUT TORQUE SPECIFICATIONS

Bolt Size	Tightening torque
Front M10 x 1.25	85 Nm
Rear M10 x 1.25	85 Nm

Front Wheel Hub Tightening

Front wheel bearing tightness and spindle nut retention are critical component operations. Service work must be performed by an authorized dealer.



Front and Rear Wheel

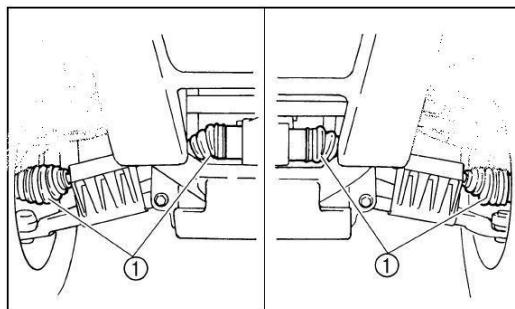
Tapered nuts:

Install with tapered side against wheel

AXLE BOOTS

Front Axle CV Joints, Boots, Rear Prop Shaft Boots:

Check the protective boots for holes or tears. If any damage is found, have them replaced by an authorized dealer.



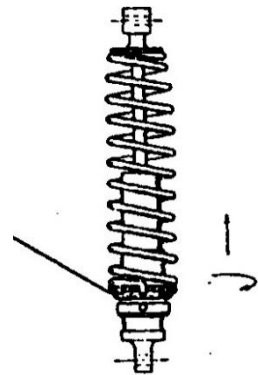
1. Front axle boot (× 2 each side)

17. MAINTENANCE

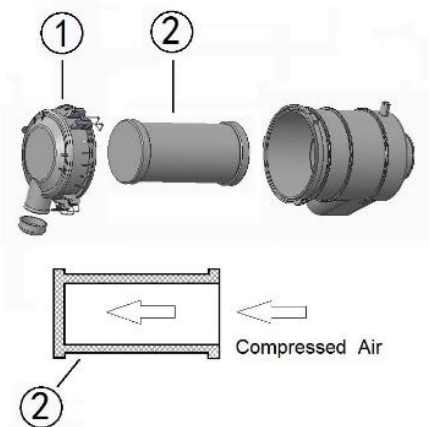
REAR SPRING ADJUSTMENT

The rear shock absorber spring is adjusted by rotating the adjuster in the direction required to increase or decrease spring tension.

Rear Spring Adjustment



AIR FILTER SERVICE



1. Open the three cover latches ①.
2. Unlatch the airbox cover and carefully remove it from the airbox.
3. Remove the air filter element ②.
4. Inspect the airbox for oil or water deposits. Wipe away any deposits with a clean towel.

Note: If the filter has been soaked with fuel or oil, it must be replaced.

5. Inspect the air filter and replace if necessary.

Note: DO NOT clean the air filter with compressed air.

6. Place the air filter into the air box and reinstall the air box cover.

Note: Make sure the tabs are properly positioned into the hinge. Ensure the O-ring is installed inside the lid properly.

7. Engage the cover latches.

17. MAINTENANCE

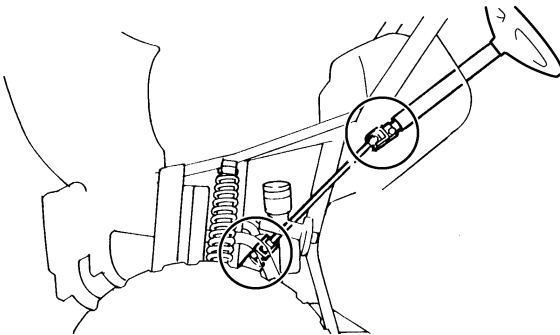
STEERING

Steering Inspection

The steering should be checked periodically for loose nuts and bolts, worn tie rod ends, worn and damaged boots. Check routing of all cables, hoses and wirings to be sure the steering mechanism is not restricted or limited. If you experience any issues, consult your Linhai dealer.

The steering should be also periodically checked for free movement. The steering wheel should move smoothly and freely through its entire range of motion without resistance, clicking, or grinding sounds. Park the vehicle on level ground. Turn the steering wheel fully to right and left. Check for excessive free play, abnormal noises, or a rough feeling.

Lubricate the pivoting points:



Recommended lubricant:
Lithium-soap-based grease

CAMBER AND CASTER

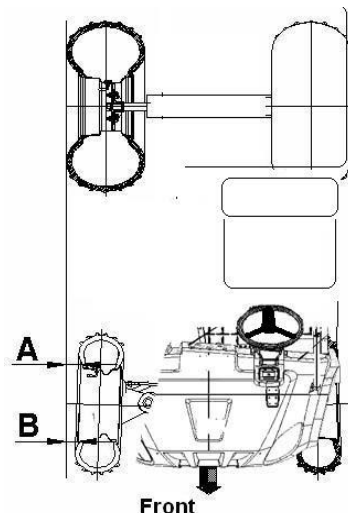
The camber and caster are non-adjustable.

TOE ALIGNMENT CHECK



WARNING

Do not attempt to adjust the tie rod for toe alignment. Severe injury or death can result from improper adjustment. Contact your dealer. Dealer has training and tools to make these adjustments properly.



17. MAINTENANCE

Recommended toe alignment: **3-6 mm** toe out.

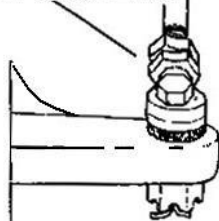
1. Set the steering wheel into straight position and hold it in this position.
2. Measure A and B. A minus B should be **1.5-3 mm**.
3. If the toe alignment needs to be adjusted, contact your dealer for service.



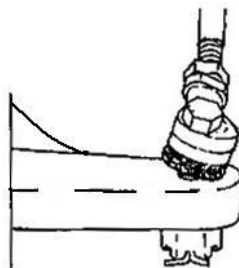
WARNING

If the tie rod is incorrectly positioned or adjusted, it will not pivot, may break, and separate. Severe injury or death can result

Hold Rod End



**Correctly
Tightened
Jam Nut**



**Incorrectly
Tightened
Jam Nut**

BRAKES



WARNING

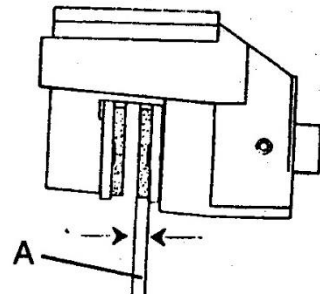
Once a bottle of brake fluid is opened, use what is necessary and discard the rest. Do not store or use a partial bottle of brake fluid. Brake fluid is hygroscopic, meaning it rapidly absorbs moisture from the air. This causes the boiling temperature of the brake fluid to drop, which can lead to early brake fade and the possibility of serious injury.

The brakes are hydraulic disc type brakes. Press down on the brake pedal to engage the brakes. The brakes are self-adjusting and require no adjustment.

17. MAINTENANCE

The following checks are recommended to keep the brake system in good operating condition. How often brakes need checking depends on the type of driving that has been done.

- Keep the fluid level in the master cylinder reservoirs between the marks. Normal function of the diaphragm is to extend into the reservoir as fluid level drops. If the fluid level is low and the diaphragm is not extended, the diaphragm is leaking and should be replaced. Always fill the reservoir as indicated whenever the reservoir cover is loosened or removed to ensure proper diaphragm operation. Use DOT 4 brake fluid.
- Check brake system for fluid leaks.
- Check brake pedal for excessive travel or spongy feel.
- Check friction pads for wear, damage and looseness.
- Check surface and wear of the brake disc.
- Pads should be changed when friction material is worn to 1 mm (A).



Checking the brake fluid level

Insufficient brake fluid may let air enter the brake system, possibly causing the brakes to become ineffective. Before riding, check that the brake fluid is above the minimum level mark and replenish if necessary. A low brake fluid level may indicate worn brake pads and/or brake system leakage. If the brake fluid level is low, be sure to check the brake pads for wear and the brake system for leakage. The brake fluid reservoir is located under the hood.



- When checking the fluid level, make sure the top of the brake fluid reservoir is level.
- Use only the recommended quality brake fluid. Otherwise, the rubber seals may deteriorate, causing leakage and poor braking performance.

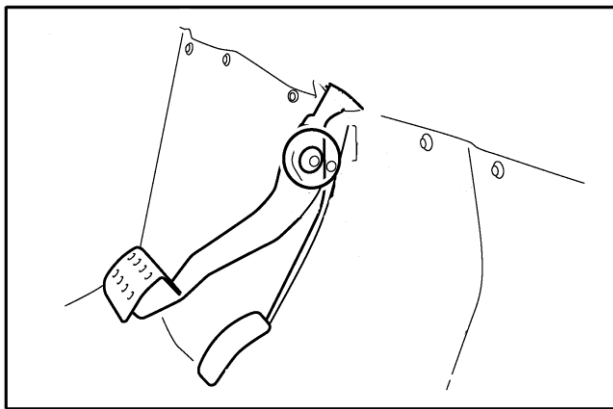
17. MAINTENANCE

Recommended brake fluid: DOT 4

- Refill with the same type of brake fluid. Mixing fluids may result in a harmful chemical reaction and lead to poor braking performance.
- Be careful that water does not enter the brake fluid reservoir when refilling. Water will significantly lower the boiling point of the fluid and may result in vapor lock.
- Brake fluid may deteriorate painted surfaces or plastic parts. Always clean up spilled fluid immediately.
- Have an authorized dealer inspect the brake system if the brake fluid level goes down.

Brake pedal and accelerator pedal lubrication

Lubricate the pivoting points.



Recommended lubricant:
Lithium-soap-based grease
(all-purpose grease)

PARKING BRAKE

Check

Although the parking brake has been adjusted at the factory, it should be checked for proper operation. Parking brake is mechanical and must be maintained to be fully functional.

1. With the engine off, set the parking brake and try to move the UTV.
2. If the rear wheels are locked, parking brake is adjusted properly.
3. If the wheels can still move, parking brake must be adjusted.
4. The recommended free play is 1 click on the parking brake lever. If necessary, adjust the free play as follows:

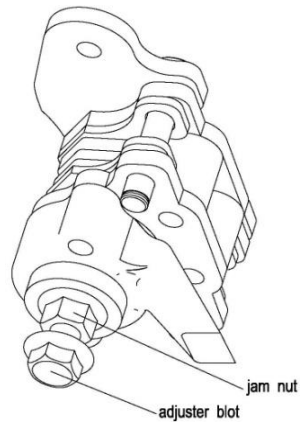
17. MAINTENANCE

Adjusting the parking brake

Note:

Adjustment of the parking brake is to compensate for brake pad wear.

1. With the engine off, loosen the adjuster on the lever.
2. Loosen the jam nut of the adjuster on the caliper.
3. Turn the adjuster bolt clockwise by hand until the brake pad contacts the brake disc. Then turn the adjuster bolt counterclockwise by 1/4-1 turn to obtain 10–20 mm of free play at the end of the parking brake lever.
4. Tighten the jam nuts securely against the adjusters.
5. Make sure the rear wheels turn freely without dragging.
6. Turn the adjuster (on the lever) and operate the lever repeatedly. While adjusting, it is important to move the lever back and forth to check proper operation, free play, and secure locking in the parking position.
7. Make sure the rear wheels turn freely without dragging and that the parking brake works properly.



CAUTION

Do not over tighten the adjuster. The maximum free play is 1 click of the parking brake lever.

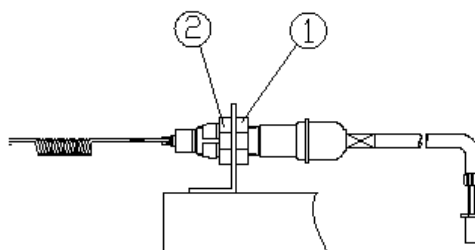
8. Test the parking brake: it must hold the fully loaded UTV on a 20% incline, both uphill and downhill.

You can also make a temporary adjustment to the brake cable at the parking-lever side by turning the adjuster bolt. However, its adjustment range is limited. Always perform steps 1 - 8 when necessary.

17. MAINTENANCE

Parking Brake Indicator Switch Adjustment

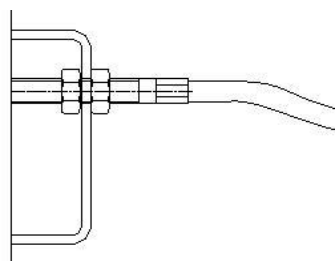
The parking indicator switch, which is activated by the parking brake lever, is properly adjusted when the indicator light comes on just before braking takes effect. If necessary, adjust the parking indicator switch as follows:



1. Turn the adjusting nut ① in or out to make the indicator light come on properly, then lock the lock nut ②.

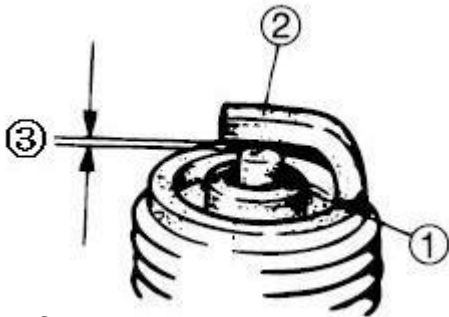
Throttle Free Play Inspection:

1. Apply the parking brake.
2. Put gear in Neutral.
3. Start the engine and warm it up.
4. Measure the distance the throttle pedal moves before the engine begins to pick up speed. Free play should be 1,5-3 mm.



17. MAINTENANCE

SPARK PLUG



Standard spark plug
DPR8EA-9 (NGK)

③ Gap: 0.8-0.9 mm

Inspect:

- Insulator ①
Abnormal color: replace.
Normal color is a medium-to-light tan color.
- Electrode ②
Wear/damage: replace.

Clean:

- Spark plug (with wire brush)

Measure:

- Spark plug gap ③
Out of specification: adjust gap.

Spark Plug Removal and Replacement



WARNING

**Never attempt to remove a spark plug while the engine is warm.
Exhaust system or engine could burn you causing severe injury.**

Remove the spark plug by turning it counterclockwise.
Reverse the procedure for spark plug installation.
Tighten the spark plug to 23 Nm.

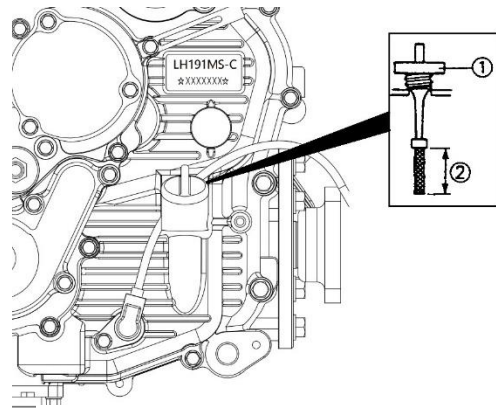
17. MAINTENANCE

ENGINE OIL AND OIL FILTER

Oil check plug is located on the right side of the engine.

To check the oil:

1. Place vehicle on a level ground.
2. Start the engine and let it idle for 20-30 seconds.
3. Stop the engine, remove dipstick (1) and wipe dry with a clean cloth.
4. Put dipstick into the oil tank (**don't screw it in**), remove it and read the oil level.
5. Remove dipstick and check to see that the oil level is between the full and add marks (2). Add oil as indicated by the level on the dipstick. Do not overfill



1. Oil Dipstick

Engine oil replacement:

Have the engine oil replaced by an authorized Linhai dealer.

The recommended oil change interval is 30 hours, or every 3 months, whichever comes first. Break-in oil change is at 20 hours, or 1 month, whichever comes first. Severe use operation requires more frequent service. Severe use includes continuous duty in dusty or wet conditions, and cold weather riding.

NOTE: Severe use in cold weather is all riding below -12°C and between -12°C and 0°C when most trips are in slow speed - less than 8 km/h. Be sure to change the oil filter whenever oil is changed.

Engine oil specifications:

SAE/API: 10W-40 / SJ

Engine Oil Capacity: 2.2 L (including oil filter replacement)

Recommended engine oil:

MAXIMA FULL SYN 10W-40 All-season synthetic engine oil

NOTE: Never substitute or mix oil brands. Serious engine damage and voiding of warranty can result.

17. MAINTENANCE

REAR GEARCASE LUBRICATION

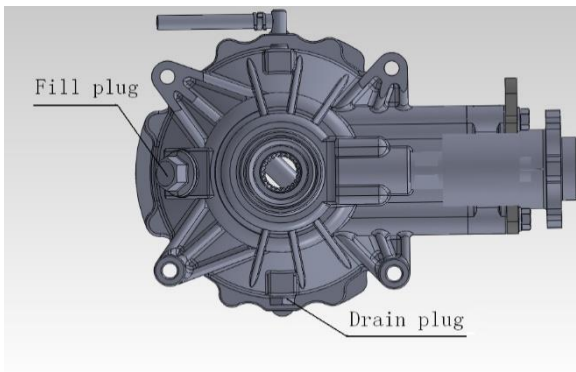
Rear Gearcase oil check:



CAUTION

Be sure no foreign material enters the gear case.

With the UTV on a level surface, remove fill plug and visually inspect the oil level through the fill hole. Oil should be kept even with the center of the drill point approximately below the top of the fill hole. Reinstall the fill plug and tighten it to 35~40 Nm. Check for leaks.



NOTE: Do not add oil to the bottom of the fill plug threads

Recommended Rear gearcase oil:

MAXIMA HYPOID GEAR LUBE PREMIUM 80W90 – GL-5

Rear Gearcase oil replacement

Have the engine oil changed by an authorized Linhai dealer.

17. MAINTENANCE

FRONT GEARCASE LUBRICATION

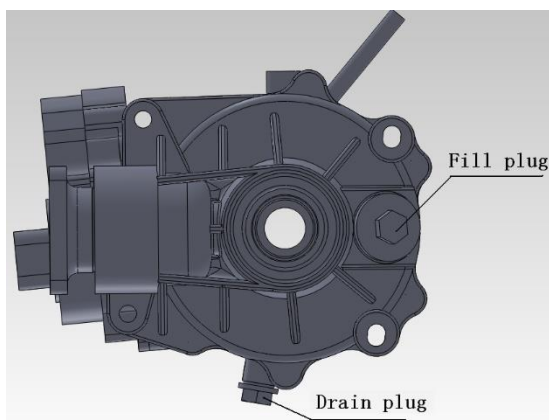
Front gearcase oil check:



CAUTION

Be sure no foreign material enters the gear case.

With the vehicle on a level surface, remove fill plug and visually inspect the oil level through the fill hole. Oil should be kept even with the center of the drill point approximately below the top of the fill hole. Reinstall the fill plug and tighten it to 25 Nm. Check for leaks.



NOTE: Do not fill oil to the bottom of the fill plug threads.

Recommended Front gearcase oil:

MAXIMA HYPOID GEAR LUBE PREMIUM 80W90 – GL-5

Front Gearcase oil replacement

Have the engine oil changed by an authorized Linhai dealer.

17. MAINTENANCE

WHEELS AND TIRES



WARNING

Operating your UTV with worn or improperly inflated tires, using non-standard tires or improperly installed tire will affect vehicle handling which could cause an accident resulting in serious injury or death. Follow the safeguards listed below to prevent this type of situation.

Important Safeguards

Maintain proper tire pressure according to charts below. Improper tire inflation may affect UTV maneuverability.

Do not use improper tires. The use of non-recommended size or type tires may affect UTV handling.

Make certain the wheels are installed properly. If wheels are improperly installed, it could affect vehicle handling and tire wear.

Cold Tire Pressure		
	Front	Rear
Off-road, without a load	97 kPa	97 kPa
With a full load, towing a trailer, driving on a solid surface	150 kPa	170 kPa

Wheel Removal:

1. Stop the engine, place transmission in gear and lock the parking brake.
2. Loosen the wheel nuts slightly.
3. Elevate the side of the vehicle by placing a suitable stand under the frame.
4. Remove the wheel nuts and the wheel.

Wheel Installation

1. With the transmission in gear and locked parking brake, place the wheel in the correct position on the wheel hub. Be sure the valve stem is toward the outside and rotation arrows on the tire point toward forward rotation.
2. Attach the wheel nuts and finger tighten them.
3. Lower the vehicle to the ground.
4. Securely tighten the wheel nuts to 85 Nm.

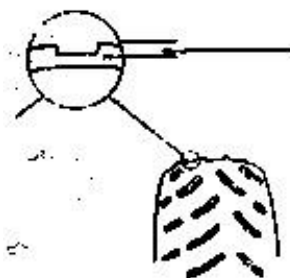
17. MAINTENANCE

Tire Inspection

When replacing a tire, always use recommended size and type.

Tire Tread Depth

Always replace tires when tread depth is worn to 3 mm or less. Refer to your Owner's Manual for tire specifications.

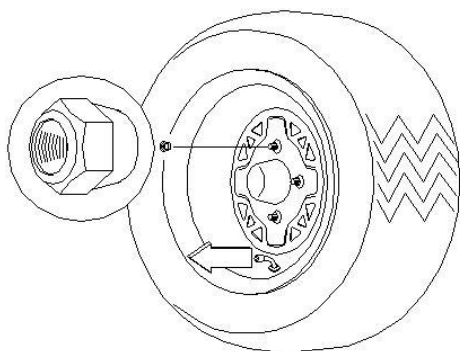


Wheel Nut Torque Specifications

Bolt Size	Tightening torque
Front M10 x 1.25	85 Nm
Rear M10 x 1.25	85 Nm

Front Wheel Hub Tightening

Front wheel bearing tightness and spindle nut retention are critical component operations. Service work must be performed by an authorized dealer.



Front and Rear Wheel Tapered nuts:
Install with tapered side against wheel

17. MAINTENANCE

LIGHTS



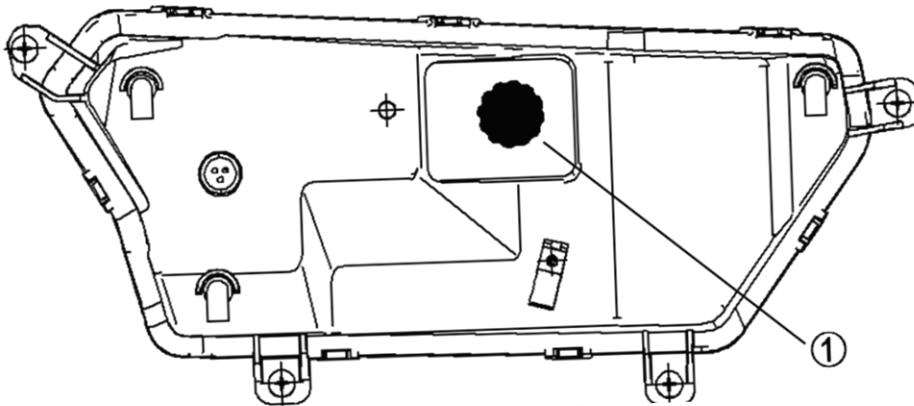
WARNING

Keep headlights and taillights clean. Poor light while riding can result in an accident, causing severe injury or death.

LED Headlights Replacement

Your model is equipped with LED headlights. If a headlight becomes inoperable, the entire assembly must be replaced by Linhai authorized dealer.

Headlights Beam Adjustment



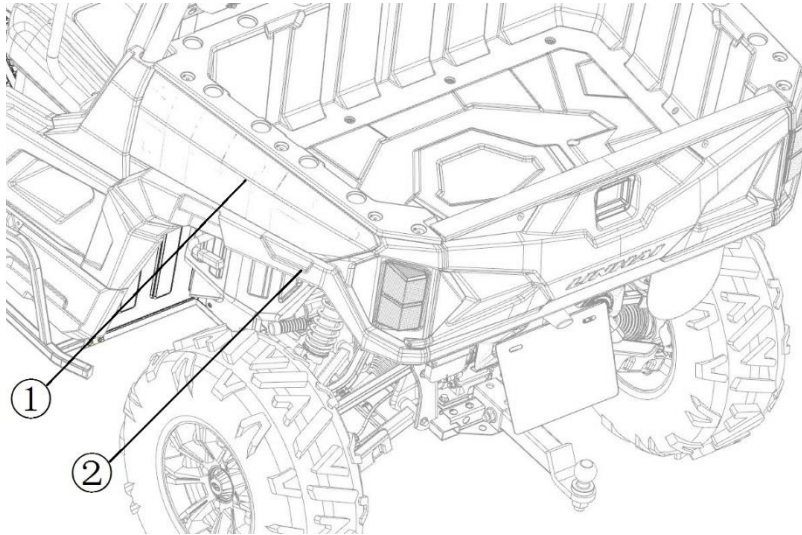
- To lower the headlight beam, turn adjusting knob (1) counterclockwise.
- To raise the headlight beam, turn adjusting knob (1) clockwise.

Headlights are LED type. Do not try to replace the bulb. If there is a problem with the headlight, contact Linhai dealer.

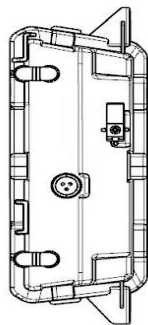
17. MAINTENANCE

LED Tail light / Brake light replacement

If the LED Taillight or Brake light does not work, the light may need to be replaced as a whole unit.



1. Remove the upper panel ①.
2. Remove the lower panel ②.



3. Remove the Tail Light / Brake Light.
4. Test the new Tail Light / Brake Light to see if it's working.
5. Re-install the Tail Light / Brake Light.

17. MAINTENANCE

CLEANING YOUR UTV

Keeping your UTV clean will extend the life of various components.

WASHING

Never use a high pressure type car wash system, it can damage the wheel bearings, transmission seals, body panels, brakes and warning labels. Also, water might enter the engine or exhaust system.

The best and safest way to clean your UTV is a garden hose, mild soap and water. Using a professional type washing mitt, clean the upper body first and lower parts last. Thoroughly rinse with water and dry with a chamois to prevent water spots.

NOTE: If warning labels are damaged, contact your dealer for replacement.

WAXING

Your UTV can be waxed with any non-abrasive automotive paste wax. Avoid the use of harsh cleaners since they can scratch the body finish.



CAUTION

Certain products, including insect repellants and chemicals, can damage plastic surfaces. Care must be taken when using these products plastic surfaces.

STORAGE



CAUTION

Do not start the engine during the storage period. This will disturb the protective film created by fogging.

Clean——Clean the UTV thoroughly.

Fuel——To avoid possible fire, drain the fuel tank for long-term storage. When starting the UTV again, ensure there is enough fuel in the fuel tank (the fuel gauge indicator is more than one bar).

Change Oil and Oil Filter —Let the Linhai dealer change engine oil and oil filter.

Air Filter/Air Box——Inspect and clean or replace the pre-cleaner and air filter. Clean the air box and drain the sediment tube.

17. MAINTENANCE

Inspect All Fluid Levels—— Inspect the following fluid levels and change if necessary: transmission oil; brake fluid (change every 2 years or whenever brake fluid looks dark or contaminated).

Fog the Engine——Spray light oil into the cylinder through the spark plug hole.

Check and Lubricate Cables/Grease——Inspect and lubricate all cables.

Battery Maintenance——Remove the battery and store it in a dry place. Apply Dielectric Grease to the battery terminals. Charge the battery every month.

Storage Area/Covers——Set correct tire pressure and safely support the UTV with the tires 25-50 mm off the ground. Be sure the storage area is well ventilated. Cover the machine with a UTV cover.

NOTE: Do not use plastic or coated UTV cover. They do not allow enough ventilation to prevent condensation, and may promote corrosion and oxidation.

TRANSPORTING THE UTV

Whenever the UTV is to be transported, the following measures should be taken:

1. Turn off the engine and remove the key.
2. Be certain the fuel cap, oil cap, and seat are installed correctly.
3. Always tie the frame of the UTV to the transporting unit securely, using quality tie-straps.
4. Place the transmission in gear and engage the parking brake.

18. TROUBLESHOOTING

Improper Operation of CVT Clutch / CVT Belt burning

Possible Cause	Solution
Loading the UTV into a pickup or trailer when in high range.	Shift transmission to Low Range during loading of the UTV to prevent belt burning
Starting out on a steep incline in high gear	When starting out on an incline, shift into low range. When parking, first apply the parking brake and then perform the "K-turn", and dismount the UTV.
Driving at low RPM or low speed (at approximately 5-12 km/h).	Drive at higher speed or shift into low range. The use of low range is highly recommended for cooler CVT operating temperatures and longer component life.
Insufficient warm-up of UTV's exposed to low ambient temperatures.	Warm engine at least 5 min., then with transmission in neutral, advance throttle to approx. 1/8 throttle in short bursts, 5-7 times. The belt will become more flexible and prevent belt burning.
Slow and easy clutch engagement.	Fast, effective use of the throttle for efficient clutch engagement.
Towing / Pushing at low RPM / low speed.	Use Low Range only.
Stuck in mud or snow.	Shift the transmission to Low Range carefully use fast, aggressive throttle application to engage clutch. WARNING: Excessive throttle may cause loss of control and vehicle overturn.
Climbing over large objects from a stopped position.	Shift the transmission into Low range. Carefully use fast, brief, aggressive throttle application to engage clutch. WARNING: Excessive throttle may cause loss of control and vehicle overturn.

Low Battery

Possible Cause	Solution
Starting a faulty engine for a long time	See "8. STARTING THE ENGINE" and check the fuel/ air/ ignition/ compression system.
Leaving the main switch (key) On while parking the UTV	When stopping the engine, turn off the main switch (key) off immediately.

18. TROUBLESHOOTING



WARNING

This UTV is equipped with EFI system. If the battery is under 12 V, the engine will not start.

NOTE:

The following troubleshooting does not cover all the possible causes of trouble. It should be helpful, however, as a guide to troubleshooting. Refer to the relative procedure in this manual for inspection, adjustment and parts replacement. Adjustment and replacement must be done by your dealer.

STARTING FAILURE / HARD STARTING

FUEL SYSTEM

Fuel tank

- Empty
- Clogged fuel tank breather pipe
- Deteriorated fuel, or fuel contains water or foreign material
- Fuel filter clogged
- Incorrect fuel pressure

Throttle body

- The connect not good

Air cleaner

- Clogged air cleaner element
- Improper air cleaner seating

COMPRESSION

Cylinder and cylinder head

- Loose spark plug
- Loose cylinder head
- Broken cylinder head gasket
- Broken cylinder gasket
- Worn, damaged or seized cylinder

Valve system

- Incorrect valve clearance
- Improper valve sealing
- Improper valve seating
- Incorrect valve timing
- Broken valve spring
- Seized valve

Piston and Piston ring

- Worn piston
- Worn, fatigued or broken piston ring
- Seized piston ring
- Seized or damaged piston

18. TROUBLESHOOTING

IGNITION SYSTEM

Battery

- Improperly charged battery
- Faulty battery

Fuse

- Burnt, improper connection

Spark plug

- Incorrect spark plug gap
- Worn electrodes
- Wire between terminals broken
- Incorrect heat range
- Faulty spark plug cap

Ignition coil

- Broken or shorted primary/secondary coil
- Faulty high tension cord
- Broken ignition coil body

Ignition system

- Faulty igniter unit
- Faulty pick up coil
- Broken alternator woodruff key

Switch

- Faulty main switch
- Faulty "ENGINE STOP" switch
- Faulty brake switch

Wiring

- Loose battery terminal
- Loose coupler connection
- Improperly grounded
- Broken wire harness

POOR IDLE SPEED

EFI

- Incorrect fuel pressure
- Fuel filter clogged
- Fuel injector clogged

Valve system

- Incorrect valve clearance

Air cleaner

- Clogged air cleaner element

Ignition system

- Faulty spark plug
- Faulty high tension cord
- Faulty igniter unit
- Faulty pick up coil
- Faulty ignition coil

POOR MEDIUM AND HIGH SPEED PERFORMANCE

Air cleaner

- Clogged air cleaner element

18. TROUBLESHOOTING

EFI

- Fuel pressure not correct
- Fuel filter clogged
- Fuel injector clogged

POOR HIGHSPEED PERFORMANCE

Ignition system

- Dirty spark plug
- Improper heat range
- Faulty igniter unit
- Faulty pick up coil

Compression system

- Worn cylinder
- Worn or seized piston ring
- Cylinder head gasket broken
- Cylinder gasket broken
- Carbon deposit buildup
- Incorrect valve clearance
- Improper valve seating
- Faulty valve timing

Fuel system

- Clogged fuel tank breather hole
- Clogged air cleaner element
- Fuel filter clogged
- Fuel pressure not correct

Clutch

- Refer to "CLUTCH SLIPPING /DRAGGING" section

Engine oil

- Improper oil level
(low or over oil level)

Ignition system

- Faulty spark plug
- Faulty high tension cord
- Faulty igniter unit
- Faulty pick up coil
- Faulty ignition coil

Valve system

- Incorrect valve clearance

OVER HEATING OR OVER-COOLING

OVER HEATING

Ignition system

- Improperly spark plug gap
- Improper spark plug heat range
- Faulty igniter unit

OVER-COOLING

Cooling system

- Faulty thermostat
- Faulty thermo switch

18. TROUBLESHOOTING

Compression system

- Heavy carbon deposit build-up
- Improperly adjusted valve timing
- Improperly adjusted valve clearance

Engine oil

- Incorrect engine oil level
- Improper engine oil quality (High viscosity)
- Low engine oil quality

Brakes

- Dragging brake

Cooling system

- Inoperative fan motor
 - Faulty thermostat
 - Faulty thermo switch
 - Incorrect (low) coolant level
 - Faulty radiator (clogged, damaged)
 - Faulty radiator cap
 - Impeller shaft gear malfunction (bent dowel pin, gear)
 - Damaged impeller shaft
 - Disconnected fan motor connector
-

FAULTY CLUTCH

WITH ENGINE RUNNING, UTV DOES NOT MOVE

V-belt

- Worn/bent/slipping

Cam slider

- Worn/damaged

Compression spring

- Damaged

Gears

- Damaged

POOR SPEED

V-belt

- Worn
- Oiled

Roller weight

- Worn/improper operation of primary/secondary/sheave
- Worn

18. TROUBLESHOOTING

CLUTCH SLIPPING

Clutch weight spring

- Worn/loose

Clutch shoe

- Worn/ damaged

Primary sliding sheave

- Seized

POORSTARTING

V-belt

- Worn front hub bearing
- Slipping/oily V-belt

Primary sliding sheave

- Improper operation
- Damaged

Compressing spring

- Worn/loose

Secondary sliding sheave

- Improper operation
- Worn guide pin groove
- Worn guide pin

Clutch shoes

- Worn/ bent

CVT SYSTEM

Incorrect Primary Clutch Position

- Incorrect engine mount
(see 14. CVT system)

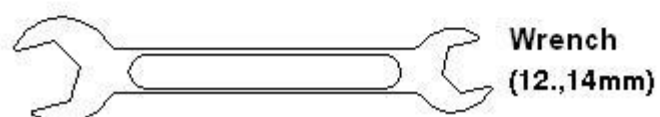
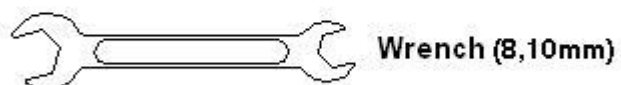
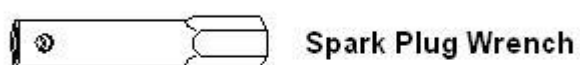
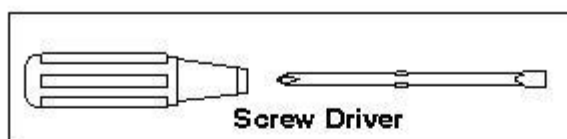
FAULTY BRAKE

POOR BRAKING EFFECT

- Worn brake pad
- Worn brake disc
- Air in brake fluid
- Leaking brake fluid
- Faulty master cylinder kit
- Faulty caliper seal kit
- Loose union bolt
- Broken brake hose
- Oily or greasy brake pad
- Oily or greasy brake disc

19. TOOLS

Tools supplied with the vehicle:



20. SPECIFICATIONS

LINHAI T-BOSS 650

Dimensions & Capacities			
L x W x H		2735 x 1465 x 1883 mm	
Seat height		869 mm	
Wheel Base		1883 mm	
Turning radius		Outer: 4500 mm	
		Inner: 3000 mm	
Ground Clearance		286 mm	
Fuel capacity		26 L	
Engine Oil Capacity		2.2 L	
Dry Weight		570 kg	
Cargo Bed Maximum load limit		150 kg	
Load Capacity (Combined Rider& Payload)		300 kg	
Gross Vehicle Weight (Maximum Technically Permissible Mass)		885 kg	
Tongue Weight		10 kg	
Towing Capacity		200 kg	
Drive System			
Drive System		Fully automatic, CVT	
Front Tire		27 x 9-14	
Rear Tire		27 x 11-14	
Cold Tire Pressure	Front:	98 kPa / 150 kPa	See page 109 for details
	Rear:	98 kPa / 170 kPa	
Brake System			
Brakes	Front Brake	Dual Hydraulic Disc, combined front / rear braking	
	Rear Brake		
	Operation	Foot	
Parking Brake		Mechanical Disc	
Suspension			
Front		Twin-A arm independent suspension	
Rear		Twin-A arm independent suspension	
Suspension		Coil spring/oil damper	

20. SPECIFICATIONS

Engine	
Engine Type	LH191MS-C, 4 Stroke, Single cylinder, SOHC
Bore x Stroke	91 x 90 mm
Displacement	585.3 ccm
Starting System	Electric
Engine Cooling	Liquid-Cooled
Lubrication System	Wet Sump
Ignition	ECU
Spark Plug Type	DPR8EA-9 (NGK)

Electrical Equipment			
Battery		12V 18Ah /12V 30Ah for EPS model	
Headlights		LED	
Brake/ Tail Light		LED	
Front Position Light		LED	
Fuses	Main Fuse	30 A	On the Start relay
	Backup Fuse	30 A	
	LAMP Fuse	10 A	
	12V DC Fuse	15 A	In the Fuse box
	SIGNAL Fuse	15 A	
	ECU1 Fuse	25A	
	ECU2 Fuse	5A	
	FAN Fuse	10A	
	REAR DIFF LOCK Fuse	20A	
	EPS Fuse	30A	
	SPARE Fuse	10A	
	SPARE Fuse	15A	

Note: Technical specifications are subject to change without prior notice.

Linhai Official distributor:



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Linhai Power Machinery Group Co.,Ltd. reserves the right to change specifications and product design without prior notice. In case of questions, please contact your local dealer.

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