



ATV / UTV Minimum Standards

EHS Phos Program – Vehicles and Roadways, Appendix G

Utility Task Vehicle and All-Terrain Vehicle Operations

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1. Utility Task Vehicle - UTV

- 1.1 A Utility Task Vehicle or UTV is also identified as Utility Terrain Vehicle, Utility Type Vehicle, Side by Side or SxS vehicle. Like an ATV, this vehicle is also intended for use over rough terrain. It is called a side by side because two people can sit in the cab next to each other. UTVs can have bench or bucket seats and are controlled via a steering wheel rather than handlebars. Most models include a bed to enable hauling supplies.

2. Utility Task Vehicle Features

- 2.1 Features and the location of features can vary on each UTV make and model. Supervisors are responsible for providing a hand-on features review on specific make/model UTV with staff prior to operating.



- 2.2 **Roll Over Protection Structure (ROPS).** A system of structural members whose primary purpose is to reduce the possibility of a seat-belted occupant(s) being crushed in the event of a machine Roll Over.

3. UTV Minimum required standard equipment

- 3.1 Governed to not exceed 20 mph (35 km/hr)
- 3.2 Manufactured designed Roll Over Protection Structure (ROPS) (optional for underground)



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- 3.3 Seat belts
- 3.4 Hydraulic brakes in all four wheels. Parking brakes integrated with four-wheel hydraulic braking system.
- 3.5 Hour meter or odometer
- 3.6 Yellow flashing strobe light on top and/or flag
- 3.7 Rear view mirror (optional for underground)
- 3.8 Horn and/or back-up alarm
- 3.9 Parking brake
- 3.10 Headlights
- 3.11 Taillights/brake lights (optional)
- 3.12 Fire extinguisher
- 3.13 Lytx telematic system (Locations where this system is implemented, or supply is available)
- 3.14 Trailer hitch receiver required in the back, front if offered or available by the manufacturer.

4. Instructions before operating a UTV.

- 4.1 The operator must understand that this vehicle is designated to be an off-road vehicle and has not been manufactured for use on public roads, streets, or highways.
- 4.2 Follow the recommended maintenance schedule and service your vehicle accordingly. Preventive maintenance is important to the safe operations of this vehicle.
- 4.3 It is very important to read, understand and follow all instructions and warnings located on the decals on your utility vehicle.
- 4.4 Observe the following instructions.
 -  **Warning:** Failure to understand and follow Warnings and Instructions for the safe use and maintenance of this product may result in Death or Injury. Make sure that you understand and follow all Warnings and instructions in this material.
- 4.5 Always wear head protection, eye protection and protective clothing.
- 4.6 Reduce the speed and use caution on slopes and sharp turns.
- 4.7 Do not operate this vehicle without the Roll Over Protection System (ROPS) in place.
- 4.8 Keep all covers and shields properly installed.
- 4.9 Never operate a UTV after consuming alcohol or drugs that can cause impairment
- 4.10 Operator must be seated, and safety belt must be fastened before operating the vehicle.
 - Never operate at speeds too fast for your skills or the conditions. Never attempt jumps or other stunts.



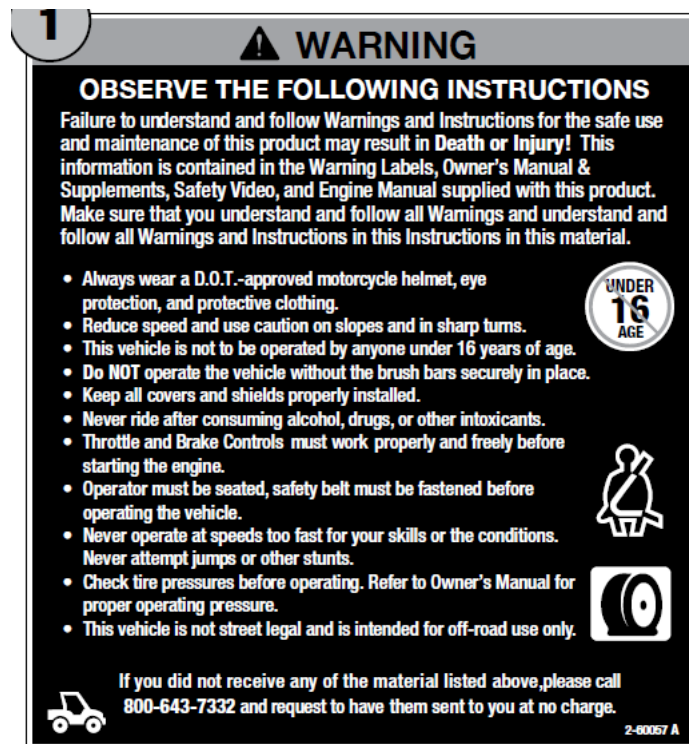
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- 4.11 Visually check tires before operating.
- 4.12 This vehicle is not street legal and is intended for off-road use only.

5. UTV Safety.

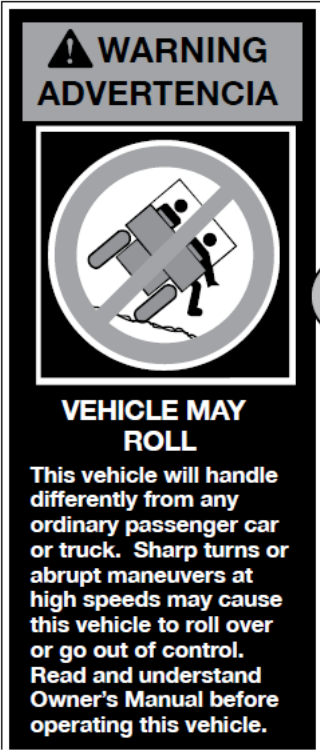
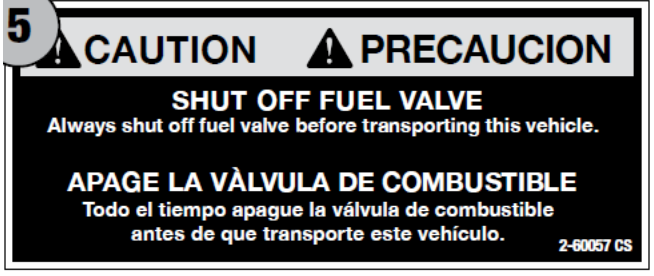
It is very important to read, understand, and follow all instructions and warning located on the decals on your utility vehicle.



UTV General Warning Label

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 WARNING ADVERTENCIA VEHICLE MAY ROLL This vehicle will handle differently from any ordinary passenger car or truck. Sharp turns or abrupt maneuvers at high speeds may cause this vehicle to roll over or go out of control. Read and understand Owner's Manual before operating this vehicle.	 3 WARNING ADVERTENCIA LATCH DUMP BED Driving with the cargo bed raised is hazardous. Always lower and latch bed before driving. SEGURO DE LA CAJA DE VOLCAR Manejar con la caja de carga levantada es peligroso. Todo el tiempo manténgala abajo y use el seguro de la caja cuando maneje. 2-6005716
UTV Vehicle may roll over warning label	UTV Latch dump bed warning label
 4 WARNING ADVERTENCIA NO RIDERS All occupants must be inside the vehicle and wearing the proper restraints and safety gear. NO SUBIR Todos los ocupantes deben estar adentro del vehículo usando equipo de seguridad y restricciones adecuadas. 2-60057 JS	
UTV No riders warning label	
 5 CAUTION PRECAUCION SHUT OFF FUEL VALVE Always shut off fuel valve before transporting this vehicle. APAGE LA VÁLVULA DE COMBUSTIBLE Todo el tiempo apague la válvula de combustible antes de que transporte este vehículo. 2-60057 CS	
UTV Shut off fuel valve caution label	

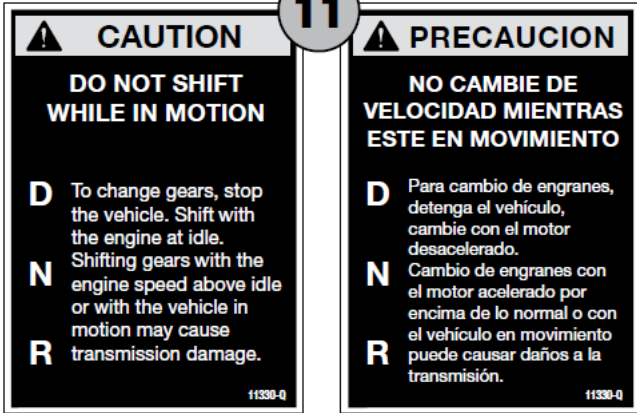
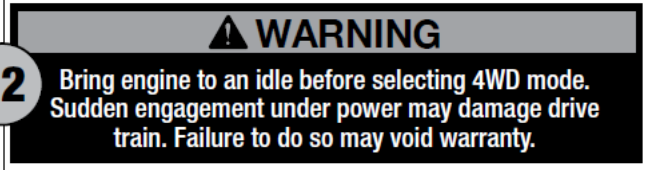
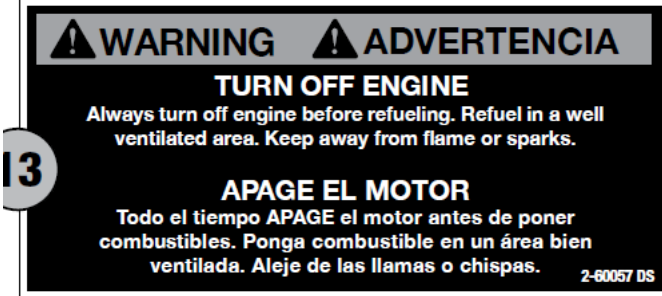
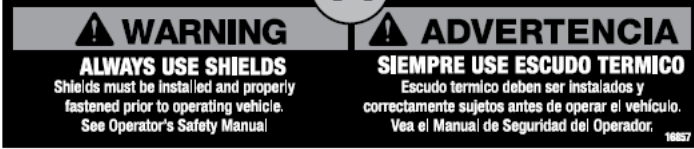
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6	⚠ WARNING ALWAYS WEAR SEATBELT Seatbelt must be properly fastened and adjusted for each occupant prior to operating the vehicle; See Operator's Safety Manual.	⚠ ADVERTENCIA SIEMPRE USE CINTURON DE SEGURIDAD El cinturón de seguridad debe ser apropiadamente atado y ajustado para cada ocupante antes de la operación del vehículo; Ver Manual de Dueño. 2-60057 ES
UTV Always wear safety belt		
7	⚠ WARNING HOT SURFACES Surfaces around the engine and exhaust can be extremely hot. Allow surfaces to cool before servicing.	⚠ ADVERTENCIA SUPERFICIES CALIENTES Las superficies alrededor del motor y el escape pueden estar extremadamente calientes. Permita que las superficies se enfrien antes de realizar el mantenimiento. 2-60057 FS
UTV Hot surfaces warning label		
8	⚠ WARNING EXHAUST GAS HARMFUL Engine exhaust from this product contains chemicals, known in certain quantities to cause cancer, birth defects, or other reproductive harm.	⚠ ADVERTENCIA GASES DE ESCAPE NOCIVOS Gases de motor de este producto contienen productos químicos, conocidos que en determinadas cantidades pueden causar cáncer, defectos de nacimiento u otros daños reproductivos. 2-60057 GS
UTV Exhaust gas harmful warning label		
9	⚠ CAUTION USE ONLY MID-GRADE UNLEADED GASOLINE (87 – 93 OCTANE) This engine is designed to run on automotive gasoline. NEVER use E-15 or E-85 fuel (diesel) or blends with an Ethanol content in excess of 10%. Doing so will cause damage to the engine and void the warranty. E15 E85	⚠ PRECAUCION USE SOLO GASOLINA DE MEDIO-GRADO SIN PLOMO (OCTANO 87-93) Este motor fue diseñado para funcionar con gasolina de automóvil con mezclas de etanol permitidos de 0% a 10%. El intentar utilizar otro tipo del que se requiere, causara daños al motor y no sera valida la garantia del fabricante. E15 E85 2-60057 HS
UTV Fuel type caution label		
10	⚠ WARNING WEAR A HELMET Always wear a helmet when riding this vehicle. 14964	⚠ ADVERTENCIA USAR UN CASCO Siempre use un casco al montar este vehículo. 14964S
UTV Wear a helmet or hard warning label		

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UTV Do not shift while in motion caution label

4WD Warning label

UTV turn off engine to refuel warning label

UTV always use shields warning label



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- 5.1 Although UTVs have a roll cage, injuries from rollovers are an inherent risk of UTV use. All operators and passengers should always:
- Wear head protection (helmet or hard hat)
 - Wear seat belts
 - Keep their arms and legs inside the UTV

6. UTV Safe Operating Procedures

Utility Vehicles are designed with many built-in safety features. No one should operate this type of vehicle before reading the Operator's Manual. Also read all instructions noted on the Safety decals.

- 6.1 Be familiar with all functions of this vehicle
- 6.2 Do not allow anyone to operate a UTV who has not been properly trained in the safe operation of the vehicle.
- 6.3 Do not operate a UTV with damaged or defective parts that interfere with the safe operation of the vehicle.
- 6.4 Operator must always use both hands on the steering wheel, except when adjusting other vehicle controls.
- 6.5 No riders allow except in factory designed and supplied seating
- 6.6 Operate this vehicle from the driver's seat only
- 6.7 Do not leave this vehicle unattended with engine running
- 6.8 Do not mount or dismount a moving vehicle as serious injury or death could occur.
- 6.9 Always operate vehicle with belt guard installed. Do not leave pulley and belts exposed.
- 6.10 NEVER operate vehicle with engine shields or guards removed.
- 6.11 Do not touch engine, exhaust pipe, shields and/or muffler. Surfaces around the engine can be extremely hot.
- 6.12 Always be aware of and avoid tree limbs and brush that have a potential of hitting and or poking individuals riding the vehicle. Serious body harm could result.
- 6.13 Avoid sudden stops, starts, and turns.
- 6.14 Always operate our vehicle at a safe speed that will allow you to maintain control.
- 6.15 Always wear seatbelt – seatbelt must be set properly, fastened, and adjusted for each occupant prior to operating the vehicle.



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- 6.16 Do not exceed total payload capacity of the vehicle.
- 6.17 Do not pull a trailer or implement exceeding the specified towing capacity or loss of control may result.
- 6.18 Do not attach an implement, trailer or other device to the hitch that will produce negative tongue weight.
- 6.19 Reduce speed when loaded with cargo. Heavy loads take longer to stop.
- 6.20 Tow ropes, cable and chains can break when pulling another vehicle or object causing serious injury or death to anyone in line with the whipping action created when they break. Follow vehicle recovery protocol.

Note: Link to Appendix D: Vehicle Recovery Procedure:
<https://doculink.mosaicco.com/livelink/livelink.exe?func=ll&objId=111526731&objAction=Open&nexturl=%2Flivelink%2Flivelink%2Eexe%3Ffunc%3DII%26objId%3D29352312%26objAction%3Dbrowse%26viewType%3D1>
- 6.21 Reduce speed and payload on hilly, rough, wet, slick, or unstable ground.
- 6.22 Do not exceed the rated capacity of the cargo bed.
- 6.23 Do not load the ROPS with heavy equipment. Roll over could result from such loading.
- 6.24 Do not operate this vehicle on highways, public roads or where it may be a hazard to faster moving traffic.
- 6.25 Never modify vehicle to exceed 20 mph (35 km/hr) vehicle speed.
- 6.26 Always make sure the vehicle pathway is clear of all objects when backing up. Know location of personnel around vehicle. Take precautions when rear view is hindered by cargo.
- 6.27 Park on level ground, stop engine, set parking brake. Chock tire if condition warrants, or when required by site policy or regulation.
- 6.28 Never allow vehicle to coast or free wheel in neutral or loss of control may result.
- 6.29 When traveling at night always use your headlights and reduce speed according to visibility, trail, and terrain conditions.
- 6.30 Front bumper and ROPS are not designed as push bars. Do not attempt to push other vehicles or implements, damage may result.
- 6.31 Do not shift transaxle unless the vehicle is fully stopped and the engine is idle, or damage will occur.
- 6.32 Never start the engine without checking to see that the throttler control is in idle position.
- 6.33 Always use extreme caution starting the engine.
- 6.34 Hot engine, mufflers or drive components can burn on contact.



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- 6.35 Never used handheld electronic devices while driving this vehicle. Driving while distracted can result in loss of vehicle control, accident, or injury.
- 6.35.1 Practice driving in a safe open area to develop a feel for the vehicle performance and handling characteristics, size, and weight.
- 6.36 When turning on pavement, loose gravel or similar surfaces, there is an increased risk of loss of control. Always slow down!
- 6.37 Stop the engine if the machine makes unusual noises or vibrations.
- 6.37.1 Check the vehicle for damage.
- 6.37.2 Excessive noise or vibration is a sign of loose or worn parts
- 6.37.3 Do not attempt to use the vehicle until it has been serviced to correct the issue.
- 6.38 Secure all cargo and loads with proper tie-downs.

7. UTV Driving Recommendations

7.1 Driving with Passenger(s)

- 7.1.1 Passengers must be tall enough to sit in a passenger seat comfortably and safely with the seatbelt secured, and with the ability to grasp the hand hold.
- 7.1.2 Ensure all passengers are wearing proper protective clothing including hardhat/helmet and eye protection.
- 7.1.3 Do not exceed the recommended number of passengers for your vehicle. Vehicles equipped with the rear facing flip seat can safely carry an additional (2) passenger.
- 7.1.4 All passengers must ride in passenger seats equipped with seatbelts and safety gear.
- 7.1.5 Always slow down. Avoid aggressive maneuvers that will cause discomfort or injury to a passenger.
- 7.1.6 A UTV is not a passenger car. High-speed turning and failure to operate the vehicle correctly may cause loss of control, vehicle rollover and possible death or injury to the vehicle occupants.
- 7.1.7 Handling of the vehicle may change with passengers and/or cargo. Increase time and distance for braking
- 7.1.8 Read, understand, and follow all instructions and warning in this appendix and on the safety decals on the utility vehicle.

7.2 Driving across a hillside

- 7.2.1 Avoiding driving across hillside slopes whenever possible. Slow down and exercise extreme caution. Improper driving technique or crossing and excessive steep grade could result in rollover and injury or death.



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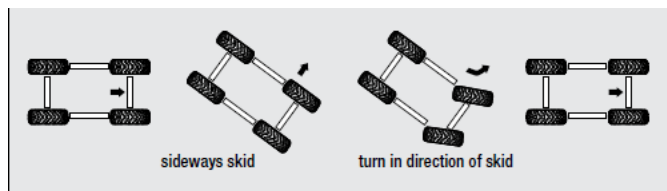
- 7.2.2 Always keep hands and feet and all body parts in the vehicle.
- 7.2.3 Do not cross hills that exceed 15 degrees or 26% grade.
- 7.2.4 Keep front wheels straight when crossing a hillside. Steep slopes may require turning the front wheels slightly uphill to maintain a straight line of travel.
- 7.2.5 If the vehicle begins to tip while crossing a hillside, immediately turn the front wheels in the downhill direction to regain stability and control.
- 7.2.6 Do not stop or start suddenly or over accelerate on hills. Loss of control and rollover could result.

7.3 Driving uphill and downhill

- 7.3.1 Avoid excessively steep hills, and inspect hill for slippery or loose surfaces before attempting to climb or descend
- 7.4 Avoid changing direction or making sharp steering corrections on slopes or rollover may occur.
- 7.4.1 Always keep hand and feet and all body parts in the vehicle
- 7.4.2 Note that towing, braking, and traction are greatly diminished in hill climbing or descending.
- 7.4.3 Keep front wheels straight when climbing and/or cresting and descending hills.
- 7.4.4 Do not stop or start suddenly or over accelerate on hills. Loss of control and rollover could result
- 7.4.5 If the vehicle loses power or traction and stops while climbing a hill, immediately engage the service brake and back slowly down the hill, while maintaining a straight, downhill line of travel. Attempting to turn the vehicle could result in a rollover.
- 7.4.6 When descending a hill, over application of the service brake may cause skidding and loss of control. Apply brakes slightly to aid in slowing down.

7.5 Driving on slippery surfaces

- 7.5.1 Note that towing, braking steering function and traction are greatly diminished when driving on slick or slippery surfaces. Always slow down and exercise extreme caution.
- 7.5.2 Do not operate the vehicle on excessively slick, rough, or loose terrain.
- 7.5.3 Avoid sudden acceleration and deceleration of the vehicle as loss of control may occur.
- 7.5.4 Avoid sudden changes in direction as steering control is greatly diminished when driving slick or slippery surfaces.
- 7.5.5 Increase time and distance for braking
- 7.5.6 Never apply the brakes during a skid. Correct a skid by turning the steering wheel in the direction of the skid.



7.6 Driving over obstacles

- 7.6.1 Always use caution when driving in unfamiliar terrain to avoid obstructions and obstacles that may be hidden from immediate view.
- 7.6.2 Be constantly alert for hazard such as rocks, ruts, holes, logs, and low hanging branches.
- 7.6.3 Avoid crossing over large obstacles whenever possible. If unavoidable, use extreme caution and slow down whenever possible. Damage to your vehicle may occur if the obstacle is larger than the ground clearance of your vehicle.
- 7.6.4 Always keep hands and feet and all body parts in the vehicle.
- 7.6.5 Have passengers' dismount and move away from the vehicle before attempting to drive over an obstacle that could cause a rollover
- 7.6.6 When crossing items such as logs, approach the obstacle at 45 degrees to avoid high centering the vehicle.

7.7 Driving through water

- 7.7.1 Avoid water crossing when possible and never cross a body of water where the depth is unknown. Water crossing present unfamiliar and hidden terrain and obstacles that may cause an accident or damage to the vehicle.
- 7.7.2 A UTV is capable of operating in water to a maximum depth equal to the ground clearance of the floorboards. Driving in deeper water will cause loose of power by submerging the drive system. Additionally, driving in deeper water will cause water ingestion into the engine cooling fan causing damage to the engine.
- 7.7.3 If you must cross a body of water, determine depth of water and current before entering
- 7.7.4 Enter and exit the water where both banks have a gradual incline.
- 7.7.5 Proceed slowly
- 7.7.6 After crossing the water, brake function may be diminished. Apply light pressure to the brake system while driving slowly until the system returns to normal brake operation.
- 7.7.7 Frequent water crossings will require more frequent inspection of the engine oil, transaxle oil, and lubrication of the vehicle.



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7.8 Driving in reverse

- 7.8.1 Take extra precautions when rear view is hindered by cargo. Remove or reposition cargo that may obstruct your view. Use a spotter if necessary to assist in avoiding obstacle or people. Always make sure the pathway is clear of all objects when backing up. Know the location of personnel around the vehicle.
- 7.8.2 Avoid backing down a hill.
- 7.8.3 Back up slowly and avoid sudden acceleration
- 7.8.4 Never turn at a sharp angle when driving in reverse.



Warning: Sharp turns combined with higher speeds in reverse will result in a rollover and injury or death.

7.9 Parking the UTV

- 7.9.1 Always use the parking brake and engage the park position on the shift lever when the when not in operation.
- 7.9.2 Out the vehicle in the Neutral gear and apply the parking brake when leaving the unit unattended or parking the vehicle for any amount of time.
- 7.9.3 Turn off engine.
- 7.9.4 Park on a level surface whenever possible.
- 7.9.5 If parking the vehicle indoors, ensure that the structure is well ventilated, and that the vehicle is not parked over loose debris or flammable materials.
- 7.9.6 Avoid parking in an incline whenever possible, if unavoidable, see the following recommendations.
- 7.9.7 Always apply the parking brake
- 7.9.8 Chock the wheels on the downhill side with a wheel chock, or large object to prevent the vehicle from rolling.

8. UTV Pre-Drive Inspection

ITEM	INSPECTION PROCEDURE	ACTION
Engine Oil Level	Add oil if required Check for leaks Tighten filler cap securely	Refer to operator or engine's manual
Fuel Level	Add fuel if necessary DO NOT overfill DO NOT mix oil with gas Replace cap tightly	Refer to operator's or engine manual DO NOT refuel a hot engine. Allow engine to cool off before adding fuel
Warning Decals	Mare sure all warning decals are legible and securely attached	Replace as necessary



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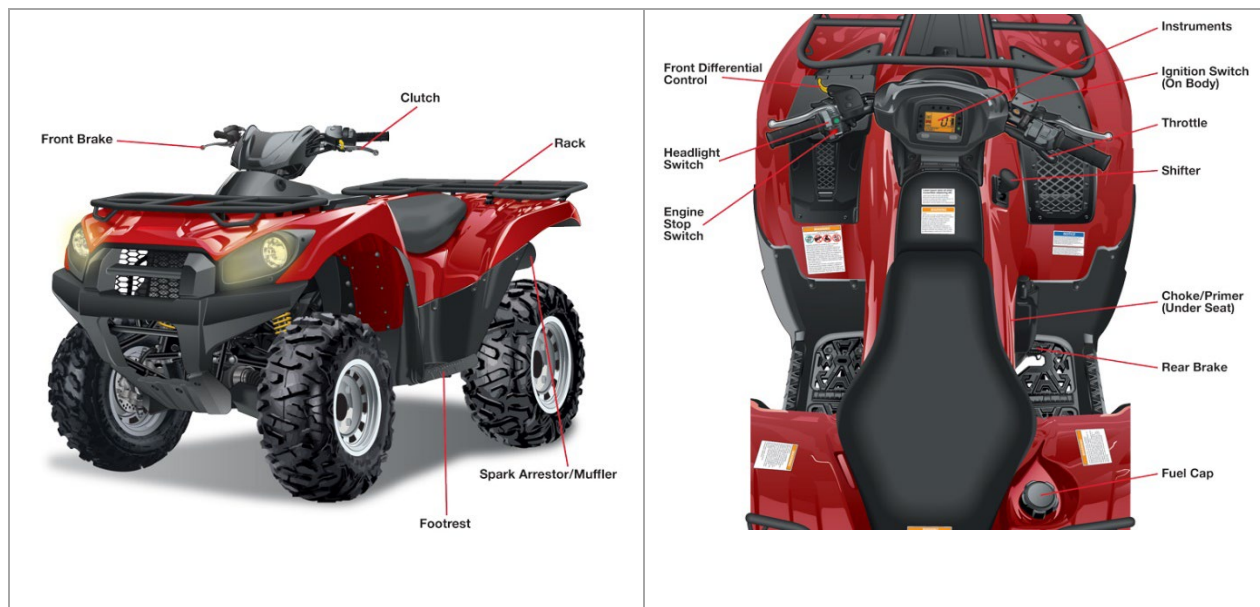
Tires	Prior to operating the vehicle, visually check	If issues found repair as necessary.
Throttle	Check for smooth operation Ensure throttle (snaps" back to idle Check for mud, debris, in throttle mechanism Check idle adjustment	Replace damaged cable Clean out any mud and debris. Adjust as necessary.
ROPS	Make sure the roll over protection is in place and securely attached	Replace damaged bars or fasteners and tighten as necessary
Steering	Make sure steering turns freely. Check for proper 'toe-in" of wheels	Lubricate and adjust as necessary
Frame/Chassis	Check for bent or otherwise damaged frame and/or other chassis components	Replace as necessary
Guards	Check all guards covering moving parts	Tighten fasteners on loose guards. Replace worn or damaged guards
Lights	Check for proper operation	
Brakes	Ensure brakes function properly	Adjust/replace as necessary

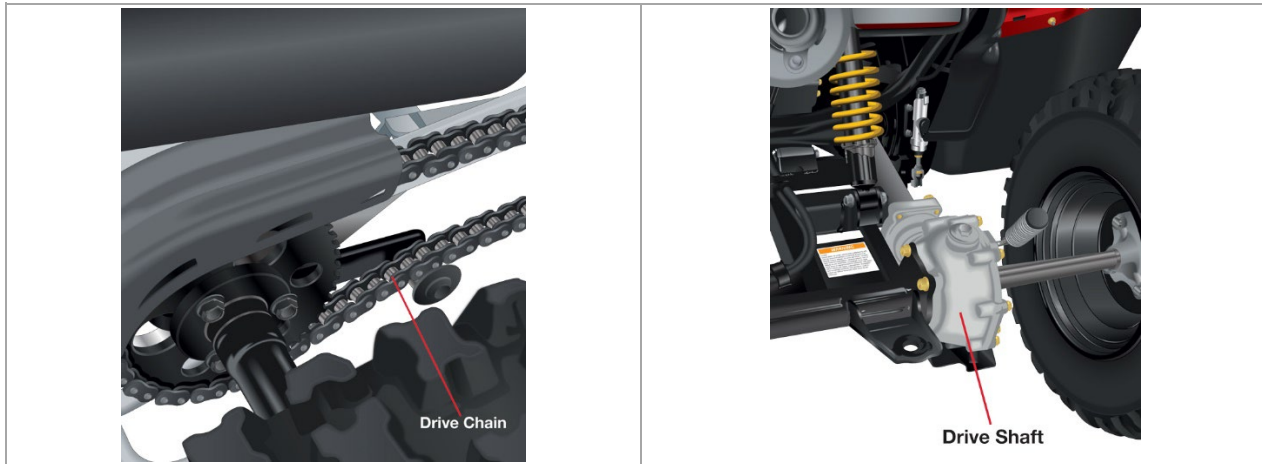
9. All-Terrain Vehicles - ATVs

9.1 **All-Terrain Vehicle (ATV)** is a single rider motorized off highway vehicle designated to travel on four wheels having a seat designated to be straddled by the operator and handlebars for steering control. Most ATVs do not have built-in rollover protection.

10. All-Terrain Vehicle Features

10.1 Features and the location of features can vary on each ATV make and model. Supervisors are responsible for providing a hand-on features review on specific make/model ATV with staff prior to operating.





11. ATV Minimum required standard equipment

- 11.1 Governed to not exceed 20 mph (35 km/hr)
- 11.2 Hydraulic brakes in all four wheels.
- 11.3 Hour meter or odometer
- 11.4 Yellow flashing strobe light on top and/or flag
- 11.5 Rear view mirror
- 11.6 Horn and/or back-up alarm
- 11.7 Parking brake
- 11.8 Headlights
- 11.9 Taillights/brake lights (optional)
- 11.10 Fire extinguisher
- 11.11 Lytx telematic system (Locations where this system is implemented, or supply is available)
- 11.12. Trailer hitch receiver required in the back, front if offered or available by the manufacturer.
- 11.13 Only 1-up or single rider models allowed.

12. ATV Safety

 **Warning.** Take time to review the vehicle safety information carefully before using your vehicle. Failure to do so, may result in serious injury or death.

- 12.1 It is important to read and follow your operator's guide. Do not allow anyone to operate an ATV who has not been properly trained in the safe operation of the vehicle.

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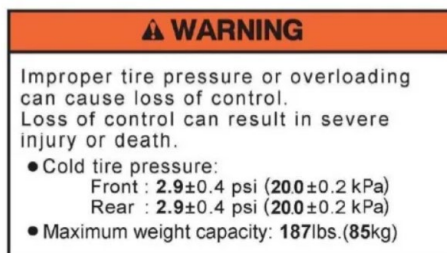
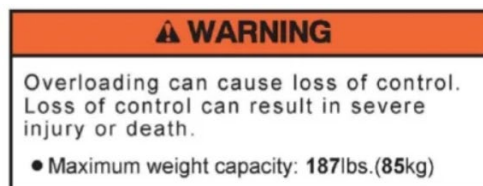
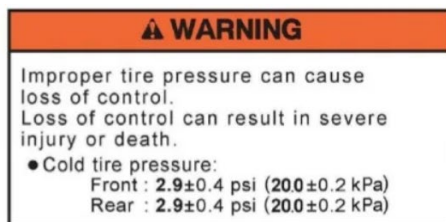
- 12.2 Before riding the operator and passengers should read and understand the respective safety labels to remind themselves of important safety tips.
- 12.3 Before you go out for a ride, it is very important to familiarize yourself with the handling of your vehicle by practicing in a control setting. Each operator must be able to sit and have both feet on footrest and hands on the handlebar.
- 12.4 You must avoid anything that impairs your own abilities, such as drugs, fatigue, and alcohol.



(ANSI/SVIA-1-2010)
ATV General Warning Labels
(1 up models)



ANSI/SVIA-1-2010
ATV Passenger Warning Label
(1 up models)





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ANSI/SVIA-1-2010 ATV Tire Pressure and overloading warning labels (all models)

13. ATV Protective Equipment

- 13.1 Riding an open-air vehicle or ATV requires wearing protective gear including
- 13.2 Helmet to protect your head and brain for injury.
- 13.3 Eye protection to protect your eye from flying debris
- 13.4 Over the ankle boots
- 13.5 Recommended long sleeves and full fingered gloves

14. ATV Driving Recommendations

14.1 Driving with a passenger

- 14.1.1 Do not carry a passenger under any circumstances on a 1-up ATV. Never carry a passenger in the cargo area.
- 14.1.2 Double riding may impair the ability of the operator to shift weight going uphill, downhill and around corners on an ATV not intended for two riders.

14.2 Stability while riding

- 14.2.1 An ATV handles differently from a UTV, a rollover or tip over can occur quickly during abrupt maneuvers such as sharp turns or simply by side hilling or riding across a steep hill or over obstacles.
- 14.2.2 Don't assume that the vehicle will not tip or roll over. You must know the limits of your vehicle under different riding conditions. Do not attempt maneuvers that are risky for you, your passenger, or bystanders.

14.3 Turning

- 14.3.1 Turning while driving an ATV is one of the most frequent causes for accidents. It is easier for the vehicle to lose traction or roll over if your turn too sharp or are going too fast.
- 14.3.2 Slow down when you approach a turn. You will feel some lateral force pushing you towards the outside of the curve. You should shift your weight into the turn and accelerate only after your start coming out of the turn.
- 14.3.3 The best weight to shift your weight for turning is to move forward slightly and slide over to the side of the seat that is on the inside of the turn. Support your body weight on the inside foot and lean into the turn. Pay attention to the vehicle, if your wheels start to slide or come off the ground you need to slow down and make sure to turn wider.



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14.3.4 Instruct your passenger to watch the road and lean into curves and brace.

14.4 Braking

14.4.1 Whether you are stopping slowly or need to stop quick, you start by releasing the throttle and apply the front and rear brakes evenly at the same time. If the wheels lock, release the brakes briefly and then reapply again, always keep in mind that braking distance is readily affected but not limited to weather and terrain conditions, braking systems and tire conditions, vehicle speed and attitude and vehicle load including towing.

14.4.2 Remember to adjust your driving accordingly. Slow down before entering a turn to avoid hard braking during a turn.

14.4.3 Always keep both hands on handlebars and feet on foot pegs when braking

14.5 Driving in reverse

14.5.1 Take precautions operating in reverse, check that the path behind the vehicle is clear of people and obstacles. Know the location of personnel around the vehicle.

14.5.2 If your view is hindered by cargo. Remove or reposition cargo that may obstruct your view. Use a spotter if necessary to assist in avoiding obstacle or people.

14.5.3 Proceed slowly and avoid sharp turns. Never turn at a sharp angle when driving in reverse.



Warning: Sharp turns combined with higher speeds in reverse will result in a rollover and injury or death

14.5.4 It is recommended to be seated on the ATV when operating in reverse. Avoid standing up, your weight could shift forward against the throttle lever causing unexpected acceleration.

14.5.5 Avoid backing down hills

14.6 Parking the ATV

14.6.1 Always use the parking brake and engage the park position on the shift lever when the vehicle is not in operation.

14.6.2 Park on a level surface whenever possible.

14.6.3 Avoid parking in an incline (slope) whenever possible or when carrying cargo.



Warning. Always apply the parking brake and chock the wheels on the downhill side with a wheel chock, or large object to prevent the vehicle from rolling.



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14.6.4 Before driving, make sure the parking brake is disengaged. If the parking brake is left on while riding, it may cause damage to the brake system and cause of braking capacity or even cause a fire.

14.7 Carrying cargo and pulling a trailer

14.7.1 Things to consider when carrying cargo. The ATV handling, stability and braking distance are affected when loading racks and using the vehicle.

14.7.2 Correct loading and weight distribution is very important. Never overload tow o carry cargo improperly.

14.7.3 Always ensure the cargo is safely secured and properly distributed on the racks before operating the vehicle. Safely adjust your speed according to conditions when carrying cargo and hills and rough terrain. Be careful not to skid or slide.

14.7.4 Always secure the cargo as low as possible to reduce the effect of higher center of gravity.

 **Warning:** Failure to follow the recommendations could cause changes to the vehicle handling, which could lead to an accident.

14.7.5 When pulling a trailer reduce your speed when pulling a trailer and turn gradually.

14.7.6 Avoid hills and rough terrain. Never attempt steep hills. Allow more distance for braking especially on inclined surfaces and when a passenger on two up models is on board. Be careful not to skid or slide

14.7.7 Improperly loading a trailer may cause loss of control.

14.7.8 Always put the shift lever to Low Range for hauling a trailer.

14.8 Terrain Conditions

14.8.1 While driving an ATV you should always avoid riding on paved surfaces, it may seriously affect handling and control of your vehicle. It may even cause sudden loos of control.

14.8.2 If you must drive on pavement turn gradually and go slowly.

Note: Driving on public roads poses risks such as collisions and may be illegal in your area.

14.8.3 Only proceed with caution on road segments where the usage of your vehicle is permitted. The best area for operating an ATV is on loose soft packed unpaved surfaces.

14.8.4 Avoid when possible steep inclines. If you are not careful you could over when you are going up or down hills.

14.8.5 When driving up hill, you should drive straight uphill. Keep your feet firmly on the footrest with your body weighed forwards. Shift your ATV to lower gear and accelerate before your start the climb. Try to keep a steady speed and go easy on the throttle to avoid acceleration.



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14.8.6 Side hilling is one of the most dangerous types of riding and should be avoided if possible. If you cannot avoid riding on the side of a hill, slow down and lean into the hill to transfer your body weight towards the hill while keeping your feet on the footrest.

 **Note:** If you feel your vehicle starts to roll over or slide sideways, steer downhill if possible.

15. ATV Pre-Drive Inspection

ITEM	INSPECTION PROCEDURE	ACTION
Engine Oil Level	Add oil if required Check for leaks Tighten filler cap securely	Refer to operator or engine's manual
Fuel Level	Add fuel if necessary DO NOT overfill DO NOT mix oil with gas Replace cap tightly	Refer to operator's or engine manual DO NOT refuel a hot engine. Allow engine to cool off before adding fuel
Warning Decals	Make sure all warning decals are legible and securely attached	Replace as necessary
Tires	Prior to operating the vehicle, visually check	If issues found repair as necessary.
Throttle	Check for smooth operation Ensure throttle (snaps" back to idle Check for mud, debris, in throttle mechanism Check idle adjustment	Replace damaged cable Clean out any mud and debris. Adjust as necessary.
Steering	Make sure handlebars turn freely.	Lubricate and adjust as necessary
Frame/Chassis	Check for bent or otherwise damaged frame and/or other chassis components	Replace as necessary
Guards	Check all guards covering moving parts	Tighten fasteners on loose guards. Replace worn or damaged guards
Lights	Check for proper operation	
Brakes	Ensure brakes function properly	Adjust/replace as necessary

15.1 Do a walk around the ATV, make sure things such as brush and branches are not caught in the axles or undercarriage, and there aren't any loose or missing parts.

16. REVISION LOG

Rev. No.	Rev. Date	Revised By	Reason for Revision
0		PMO	Initial release