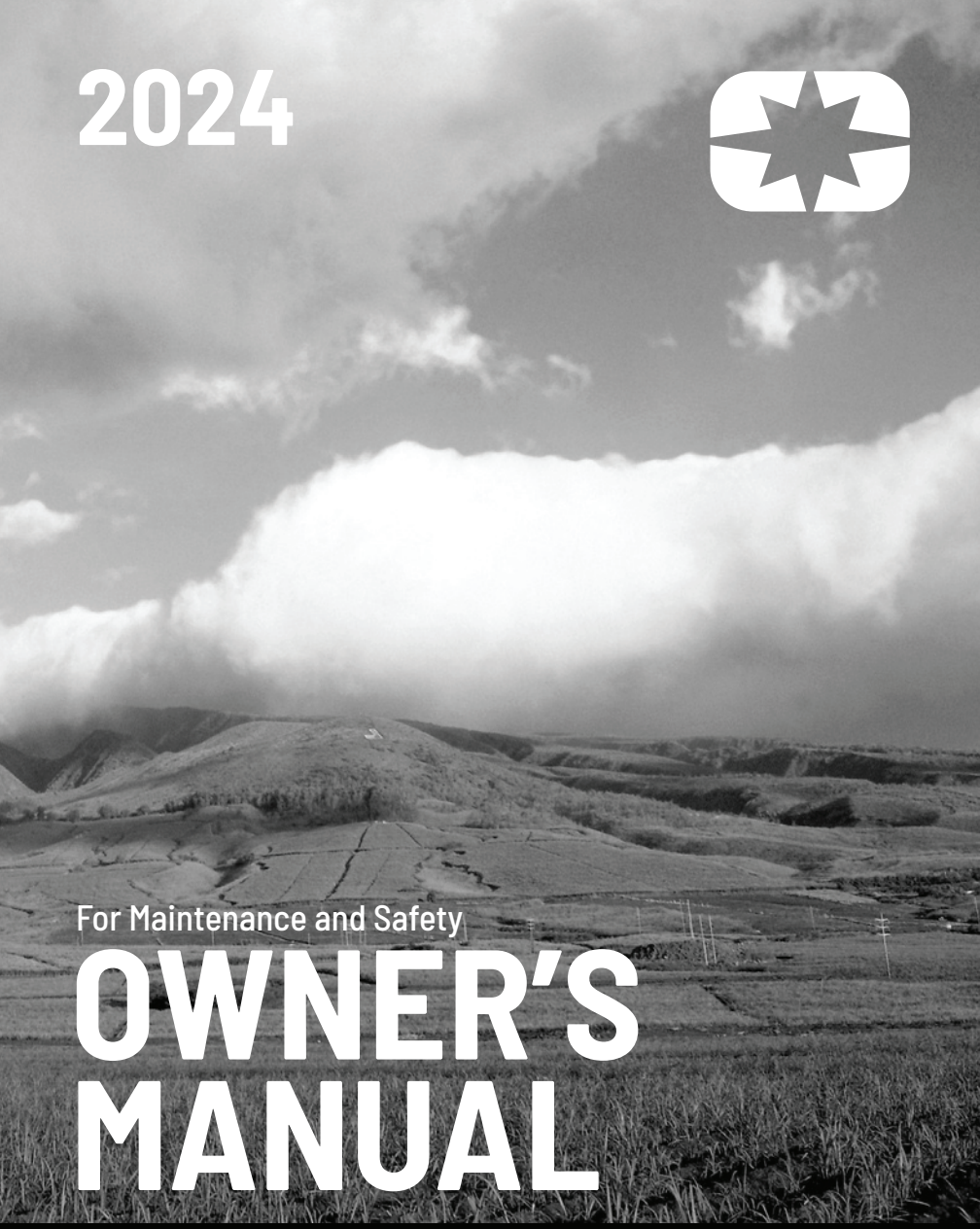
2024



For Maintenance and Safety

OWNER'S MANUAL

RANGER 150 EFI
RANGER 150 EFI MD

POLARIS
Think Outside

WARNING

Read, understand, and follow all of the instructions and safety precautions in this manual and on all product labels.

Failure to follow the safety precautions could result in serious injury or death.

WARNING

Operating, servicing, and maintaining a passenger vehicle or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle.

For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

For videos and more information about a safe riding experience with your Polaris vehicle, scan this QR code® with your smartphone.

POLARIS

RANGER

2024 Owner's Manual

RANGER 150 EFI
RANGER 150 EFI MD

The original instructions for this vehicle are in English. Other languages are provided as translations of the original instructions.

Printed in Taiwan

9941324 Rev 01

Thank you for purchasing a POLARIS vehicle, and welcome to our world-wide family of POLARIS enthusiasts. Be sure to visit us online at *www.polaris.com* for the latest news, new product introductions, upcoming events, career opportunities and more.

Here at POLARIS we proudly produce an exciting line of utility and recreational products. We believe POLARIS sets a standard of excellence for all utility and recreational vehicles manufactured in the world today. Many years of experience have gone into the engineering, design, and development of your POLARIS vehicle, making it the finest machine we've ever produced.

For safe and enjoyable operation of your vehicle, be sure to follow the instructions and recommendations in this owner's manual. Your manual contains instructions for minor maintenance, but information about major repairs is outlined in the POLARIS Service Manual and can be performed by a factory certified Master Service Dealer (MSD) technician.

Your POLARIS dealer knows your vehicle best and is interested in your total satisfaction. Your POLARIS dealership can perform all of your service needs during and after the warranty period.

For the most up-to-date owner's manual visit *https://www. polaris. com/en-us/owners-manuals*.

MESSAGES

PARENTS / SUPERVISING ADULTS

We believe young operators should have the opportunity to enjoy the Polaris riding experience along with you. We encourage you to teach young operators to ride safely, and to help ensure the future of recreational sports, please teach them to show respect for our environment and for the rights of others while operating the vehicle.

This vehicle is not a toy and can be hazardous to operate. We've provided this owner's manual and an instructional video to help teach about the safe operation and care of your new Polaris vehicle. Prior to driving or riding in the vehicle, please read and make sure they read this owner's manual. Watch the instructional video with them. *Make sure all operators and passengers understand and follow all of the instructions and warnings contained in this owner's manual and video.* Make sure they understand that the vehicle must be used under adult supervision at all times.

After reading this owner's manual and watching the video, help all young operators practice the New Operator Driving Procedures outlined in this manual.

Never allow a child under age 10 to operate or ride as a passenger in this vehicle. Young operators differ in skills, physical abilities and judgement. Please supervise the use of the vehicle at all times. Permit continued use only if you determine that the young operator has the ability and maturity to operate safely.

For the young operator's safety, be sure they can reach and operate all RANGER 150 controls, including steering wheel, accelerator and brake pedals, and ignition switch. Make sure the young operator is not too tall to ride safely in this vehicle. See page 18.

The vehicle's speed control system allows a parent or supervising adult to limit vehicle speed for new and inexperienced operators. Please see page 66 for more information.

The preventive maintenance program outlined in this manual is designed to ensure that all critical components on your vehicle are thoroughly inspected at specific intervals. Always follow all of the instructions and recommendations in this manual to ensure the vehicle remains in safe operating condition at all times.

This Polaris vehicle is not designed for adult use. Serious damage may occur if the maximum weight capacity is exceeded. Refer to vehicle labels and to the Specifications chapter for the maximum weight capacity.

YOUNG OPERATORS

Before you ride your new Polaris vehicle, there are some important things that you need to know. You must learn how to keep yourself and those around you safe while you're riding.

Your parent or supervising adult and Polaris want you to be safe while you enjoy riding your new vehicle, and that's why it’s very important that you read this owner’s manual and watch the instructional video. Make sure you *understand and follow all of the instructions and warnings in this owner’s manual and video.* Ask a parent or supervising adult to explain anything you don't understand.

Your safety and the safety of others is the most important thing to think about at all times. Pay attention when you see this symbol:

This is the safety alert symbol. When you see this symbol on your vehicle or in this manual it means PAY ATTENTION because you could die or be seriously injured if you don't follow the instructions.

After reading this owner’s manual and watching the video, complete the New Operator Driving Procedures. Show your parent or supervising adult that you understand how to drive safely.

Enjoy riding your new Polaris vehicle!

INTRODUCTION

SAFETY SYMBOLS AND SIGNAL WORDS

The following signal words and symbols appear throughout this manual and on your vehicle. Your safety is involved when these words and symbols are used. Become familiar with their meanings before reading the manual.

DANGER

DANGER indicates a hazardous situation which, if not avoided, WILL result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, COULD result in death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, COULD result in minor to moderate injury.

NOTICE

NOTICE provides key information by clarifying instructions.

IMPORTANT

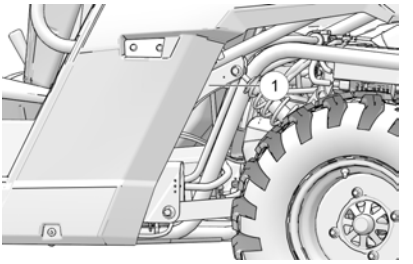
IMPORTANT provides key reminders during disassembly, assembly, and inspection of components.

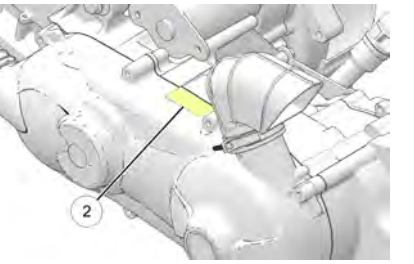
The Prohibition Safety Sign indicates an action NOT to take in order to avoid a hazard.

The Mandatory Action Sign indicates an action that NEEDS to be taken to avoid a hazard.

VEHICLE IDENTIFICATION NUMBERS

Record your vehicle's identification numbers and key number in the spaces provided. Remove the spare key and store it in a safe place. An ignition key can be duplicated only by ordering a POLARIS key blank (using your key number) and mating it with one of your existing keys. The ignition switch must be replaced if all keys are lost.





The VIN can be found stamped on a plate ① riveted to the left frame rail on the left side wheel well of the ORV.

The engine serial number ② can be found on the clutch-side of the engine case.

Vehicle Model Number:	
Vehicle Identification Number (VIN):	
Engine Serial Number:	
Key Number	

NEAR-FIELD COMMUNICATION (NFC) (IF EQUIPPED)

Some Polaris vehicles come equipped with a near-field communication (NFC) chip. The NFC chip is embedded in the Polaris emblem located at the front of the vehicle and seamlessly connects you to a digital platform of vehicle information and tools. See your dealer for more information.

IMPORTANT
Not all devices are equipped with an NFC reader. Additionally, some devices require third party applications to access NFC content. For questions regarding the NFC reader on your device, refer to the device’s user manual.

On models equipped with NFC, place your smartphone directly over the Polaris emblem to do the following:

- View vehicle-specific information
- Access your Polaris Garage
- Download and view the owner's manual
- View accessory instructions
- Watch how-to videos
- Access warranty information
- Check for service notifications

RIDE COMMAND WITH NFC

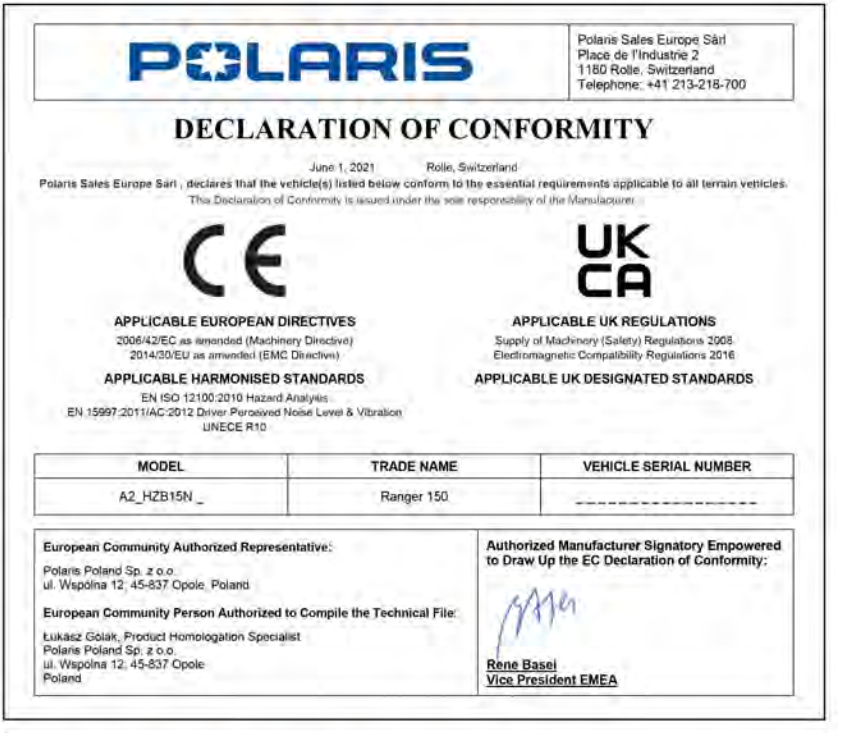
Additional NFC features are available when using the Ride Command mobile app. To access these features, do the following:

1. Download the Ride Command mobile app from the Apple App Store® or Google Play® store.
2. Create or log in to an existing account.
3. From the Ride Command mobile app home screen, select **Add Vehicle**.
4. On the vehicle, tap the NFC-enabled badge with the phone to scan the vehicle.
5. Confirm information, name your vehicle, and tap add to garage.

SYSTEM REQUIREMENTS

Refer to device manufacturer's instructions to verify NFC read capability, and/or NFC-capable add-ons.

DECLARATION OF CONFORMITY



POLARIS

Polaris Sales Europe Sàrl
Place de l'Industrie 2
1180 Rolle, Switzerland
Telephone: +41 213-218-700

DECLARATION OF CONFORMITY

June 1, 2021 Rolle, Switzerland

Polaris Sales Europe Sàrl , declares that the vehicle(s) listed below conform to the essential requirements applicable to all terrain vehicles.
This Declaration of Conformity is issued under the sole responsibility of the Manufacturer.

CE

UK CA

APPLICABLE EUROPEAN DIRECTIVES

2006/42/EC as amended (Machinery Directive)
2014/30/EU as amended (EMC Directive)

APPLICABLE UK REGULATIONS

Supply of Machinery (Safety) Regulations 2008
Electromagnetic Compatibility Regulations 2016

APPLICABLE HARMONISED STANDARDS

EN ISO 12100:2010 Hazard Analysis
EN 15997:2011/AC:2012 Driver Perceived Noise Level & Vibration
UNECE R10

APPLICABLE UK DESIGNATED STANDARDS

MODEL	TRADE NAME	VEHICLE SERIAL NUMBER
A2_HZB15N _	Ranger 150	_____

European Community Authorized Representative:

Polaris Poland Sp. z o.o.
ul. Wspólna 12, 45-837 Opole, Poland

European Community Person Authorized to Compile the Technical File:

Łukasz Gołak, Product Homologation Specialist
Polaris Poland Sp. z o.o.
ul. Wspólna 12, 45-837 Opole
Poland

Authorized Manufacturer Signatory Empowered to Draw Up the EC Declaration of Conformity:

Rene Basei
Vice President EMEA

POLARIS

Polaris Sales Europe Sàrl
Place de l'Industrie 2
1180 Rolle, Switzerland
Telephone: +41 213-218-700

SUPPLEMENT TO THE OWNER'S MANUAL
INFORMATION REGARDING EMISSION OF AIRBORNE NOISE AND VIBRATION PRODUCED BY THE MACHINERY AND CARBON DIOXIDE (CO_2) EMISSION

A-Weighted Sound Pressure at Rider's Ear dB (A)	C-Weighted Sound Pressure Level dB (C)	A-Weighted Sound Power Level dB (A)
76	101	N/A

Weighted Hand-Arm Vibration Level m/s^2	Weighted Seat Vibration Level m/s^2
1,9	0,3

Carbon Dioxide (CO_2) Emission g/kWh
N/A
This CO2 measurement results from testing over a fixed test cycle under laboratory conditions a(n) (parent) engine representative of the engine type (engine family) and shall not imply or express any guarantee of the performance of a particular engine

This document is setting out the contents of the EC Declaration of Conformity.

The particulars of machinery may differ for specific model.

DEVICE COMPLIANCE STATEMENTS

NOTICE
Some vehicle models contain radio equipment as follows:

USA RADIO COMPLIANCE

This vehicle contains the following radio equipment or components that contain radio equipment:

COMPONENT	COMPONENT ID	MANUFACTURER
B1 Gauge Bluetooth® LE	CYBLE-222014–01	Cypress Semiconductor
Helmet Aware Beacon	E8	Minew Technologies

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

⚠ CAUTION
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CANADA RADIO COMPLIANCE

This vehicle contains the following radio equipment or components that contain radio equipment:

COMPONENT	COMPONENT ID	MANUFACTURER
B1 Gauge Bluetooth® LE	CYBLE-222014–01	Cypress Semiconductor
Helmet Aware Beacon	E8	Minew Technologies

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS (s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

EUROPEAN UNION (EU) RADIO COMPLIANCE

This vehicle contains the following radio equipment or components that contain radio equipment:

COMPONENT	B1 Gauge Bluetooth® LE	Helmet Aware Beacon
COMPONENT ID	CYBLE-222014–01	E8
MANUFACTURER	Cypress Semiconductor	Minew Technologies
TRANSMITTING FREQUENCY	2402–2480 MHz	2402–2480 MHz
MAX RF TRANSMITTING PWR	0.00078 W	0.00116 W

Hereby, Polaris Industries Inc. declares that the above radio equipment is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

https://www.polaris.com/en-us/radio-conformity/

SAFETY

EQUIPMENT MODIFICATIONS

Your POLARIS vehicle is designed to provide safe operation when used as directed.

⚠ WARNING

Modifying this vehicle in any way can change the top speed, stability and handling performance of this vehicle. Modifications that increase speed, decrease stability or change performance may present a greater risk to inexperienced or younger operators and could result in loss of control and serious injury or death. Use only POLARIS-approved accessories to modify this vehicle. Review all vehicle changes with your child prior to operating.

The POLARIS limited warranty on your POLARIS vehicle will be terminated if any non-POLARIS-approved equipment and/or modifications have been added to the vehicle that increase speed or power.

SAFE RIDING GEAR

Protective gear reduces the chance of injury.

The driver and passenger must wear:

① Helmet
② Eye protection
③ Long-sleeve shirt
④ Gloves
⑤ Long pants
⑥ Over-the-ankle boots

HELMET

Wearing a helmet can prevent a severe head injury. Whenever riding this POLARIS vehicle, always wear a helmet that meets or exceeds established safety standards. Always buckle and pull straps tight to ensure the helmet is secured.

Parents and supervising adults should verify that the provided helmets fit properly. If a helmet doesn't fit, a new one should be obtained in the proper size.

Approved helmets in the USA and Canada bear a U.S. Department of Transportation (DOT) label.

Approved helmets in Europe, Asia and Oceania bear the ECE 22.05 label. The ECE mark consists of a circle surrounding the letter E, followed by the distinguishing number of the country which has granted approval. The approval number and serial number will also be displayed on the label.

EYE PROTECTION

Do not depend on eyeglasses or sunglasses for eye protection. Whenever riding this POLARIS vehicle, always wear shatterproof goggles or use a shatterproof helmet face shield. POLARIS recommends wearing approved Personal Protective Equipment (PPE) bearing markings such as VESC 8, V-8, Z87.1, or CE. Make sure protective eye wear is kept clean.

CLOTHING

Wear long sleeves and long pants to protect arms and legs.

GLOVES

Wear gloves for comfort and for protection from sun, cold weather and other elements.

BOOTS

Wear sturdy over-the-ankle boots for support and protection. Never ride a POLARIS vehicle with bare feet or sandals.

RIDER COMFORT

Under certain operating conditions, heat generated by the engine and exhaust system can elevate temperatures in the driver and passenger cab area. The condition occurs most frequently when a vehicle is being operated in high ambient temperatures at low speeds and/or high load conditions for an extended period of time. The use of certain windshield, roof and/or cab systems may contribute to this condition by restricting airflow. Any discomfort due to heat buildup in this area can be minimized by wearing proper riding apparel and by varying speeds to increase airflow.

SAFETY WARNINGS

⚠ WARNING

Failure to operate this vehicle properly can result in a collision, loss of control, accident or rollover, which may result in serious injury or death. Heed all safety warnings outlined in this section of the owner's manual and in the safety DVD provided with your vehicle.

Be sure to read all of the following warnings about driving hazards and how to avoid them. These warnings are provided for your child's safety. Be sure to explain to your young driver that the hazards outlined in this section of this owner's manual MUST be avoided at all times. See the OPERATION section of this owner's manual for proper operating procedures.

FOR MORE INFORMATION ABOUT SAFETYcall POLARIS at 1–800–342–3764.

OPERATING WITHOUT INSTRUCTION

Operating this vehicle without proper instruction increases the risk of an accident. The operator must understand how to operate the vehicle properly in different situations and on different types of terrain. Take a training course and complete the steps outlined in the New Operator Driving Procedures section.

All operators must read and understand the owner's manual and all warning and instruction labels before operating the vehicle.

Never allow a guest to operate this vehicle until the guest has completed the steps outlined in the New Operator Driving Procedures section.

OPERATOR RESTRICTIONS / AGE RESTRICTIONS

This vehicle is for recreational use by young operators under adult supervision ONLY. Operation is prohibited for anyone under 10 years of age. Never operate with a passenger under age 10.

All operators and riders must be able to sit with backs against the seat, both feet flat on the floor and both hands on the steering wheel (if driving) or on a passenger hand hold.

RIDER HEIGHT

Some riders may be too tall to ride safely in this vehicle. Do not operate or ride in this vehicle if the clearance between the top of your helmet and the overhead cab frame is **less than 2 inches (5 cm)**.

USING ALCOHOL OR DRUGS

Never consume alcohol or drugs before or while operating this vehicle.

Operating this vehicle after consuming alcohol or drugs could adversely affect operator judgment, reaction time, balance and perception.

FAILURE TO INSPECT BEFORE OPERATING

⚠ WARNING

Failure to inspect and verify that the vehicle is in safe operating condition before operating increases the risk of an accident. Always perform the Pre-Ride Inspection outlined in the Operation chapter before each use of your vehicle to make sure it's in safe operating condition. Always follow the inspection and maintenance procedures and schedules described in this owner's manual. See the Periodic Maintenance section of the Maintenance chapter.

PROTECTIVE APPAREL

Riding in this vehicle without wearing an approved helmet and protective eyewear increases the risk of a serious injuries in the event of an accident.

Operator and all passengers must always wear a helmet, eye protection, gloves, long-sleeve shirt, long pants and over-the-ankle boots.

SEAT BELTS

Riding in this vehicle without wearing the seat belt increases the risk of serious injury in the event of rollover, loss of control, other accident or sudden stop. Seat belts may reduce the severity of injury in these circumstances.

All riders *must* wear seat belts at all times.

CAB NETS

Riding in this vehicle without using the cab nets (or doors, if equipped) increases the risk of serious injury or death in the event of an accident or rollover. Always use the cab nets (or doors) while riding in this vehicle. *Always keep hands and feet inside the vehicle at all times.*

CARRYING MULTIPLE PASSENGERS (2-SEAT)

Never carry a passenger until you have operated this vehicle for at least four hours and have completed the steps in the New Operator Driving Procedures section.
A passenger must always be seated in a passenger seat with seat belt secured. Carrying more than one passenger in a 2-seat vehicle can affect the operator's ability to steer and operate the controls, which increases the risk of loss of control and accident or rollover.
Never carry more than one passenger in a 2-seat vehicle.

OPERATING WITH A LOAD ON THE VEHICLE

The weight of both cargo and vehicle occupants impacts vehicle operation and stability. For your safety and the safety of others, carefully consider how your vehicle is loaded and how to safely operate the vehicle. Follow the instructions in this manual for loading, tire pressure, gear selection and speed.

- **Do not exceed vehicle weight capacities.** The vehicle's maximum weight capacity is listed in the specifications section of this manual and on a label on the vehicle. When more passenger weight is added, cargo weight may need to be reduced accordingly.
- The recommended tire pressures are listed in the specifications section of this manual and on a label on the vehicle.

Always follow these guidelines:

Under ANY of these conditions:	Do ALL of these steps:
Passenger and/or cargo exceeds half the maximum weight capacity	1. Slow down. 2. Verify tire pressure. 3. Use extra caution when operating.
Operating in rough terrain	
Operating over obstacles	
Climbing an incline	

PASSENGERS IN THE CARGO BOX

Carrying a passenger in the cargo box could result in a fall from the vehicle or contact with moving components. Never allow a passenger to ride in the cargo box. A passenger must always be seated in a passenger seat with seat belt secured.

OPERATING ON PAVEMENT

This vehicle's tires are designed for off-road use, not for use on pavement. Operating this vehicle on paved surfaces (including sidewalks, paths, parking lots and driveways) may adversely affect the handling of the vehicle and may increase the risk of loss of control and accident or rollover. Avoid operating the vehicle on pavement. If it's unavoidable, travel slowly, travel short distances and avoid sudden turns or stops.

OPERATING ON PUBLIC ROADS

Operating this vehicle on public streets, roads or highways could result in a collision with another vehicle. Never operate this vehicle on any public street, road or highway, including dirt and gravel roads (unless designated for off-highway use).

JUMPS AND STUNTS

Exhibition driving increases the risk of an accident or rollover. DO NOT do power slides, “donuts”, jumps or other driving stunts. Avoid exhibition driving.

OPERATING AT EXCESSIVE SPEEDS

Operating this vehicle at excessive speeds increases the operator's risk of losing control. Always operate at a speed that's appropriate for the terrain, the visibility and operating conditions, your skills and experience and any passenger’s skills and experience.

PHYSICAL CONTROL OF THE VEHICLE

Removing hands from the steering wheel or hand holds or removing feet from the floor while riding increases the risk of loss of control and accident or rollover.

The operator should always keep both hands on the steering wheel during operation. A passenger should always be seated in the passenger seat with both feet on the floor and with both hands securely grasping the hand holds.

Always keep hands and feet inside the vehicle at all times.

TURNING IMPROPERLY

Turning improperly could cause loss of traction, loss of control, accident or rollover. Always follow proper procedures for turning as described in this owner's manual.

Avoid sharp turns. Never turn while applying heavy throttle. Never make abrupt steering maneuvers. Practice turning at slow speeds before attempting to turn at faster speeds.

IMPROPER HILL CLIMBING

Improper hill climbing could cause loss of control or rollover. Use extreme caution when operating on hills. Always follow proper procedures for hill climbing as described in this owner's manual. See the Driving Uphill section for details.

DESCENDING HILLS IMPROPERLY

Improperly descending a hill could cause loss of control or rollover. Always follow proper procedures for traveling down hills as described in this owner's manual. See the Driving Downhill section for details.

CROSSING HILLSIDES

Driving on a sidehill is not recommended. Improper procedure could cause loss of control or rollover. Avoid crossing the side of any hill unless absolutely necessary.

If crossing a hillside is unavoidable, always follow proper procedures as described in this owner's manual. See the Driving on a Sidehill (Sidehilling) section for details.

STALLING WHILE CLIMBING A HILL

Stalling or rolling backwards while climbing a hill could cause a rollover. Maintain a steady speed when climbing a hill.

If you lose all forward speed:

Apply the brakes gradually until the vehicle is fully stopped. Place the transmission in reverse and slowly allow the vehicle to roll straight downhill while applying light brake pressure to control speed.

OPERATING IN UNFAMILIAR TERRAIN

Failure to use extra caution when operating on unfamiliar terrain could result in an accident or rollover.

Unfamiliar terrain may contain hidden rocks, bumps, or holes that could cause loss of control or rollover.

Travel slowly and use extra caution when operating on unfamiliar terrain. Always be alert to changing terrain conditions.

OPERATING IMPROPERLY IN REVERSE

Improperly operating in reverse could result in a collision with an obstacle or person. Always follow proper operating procedures as outlined in this manual. See the Driving in Reverse section for details. Before shifting into reverse gear, always check for obstacles or people behind the vehicle. When it's safe to proceed, back slowly.

IMPROPER TIRE MAINTENANCE

Operating this vehicle with improper tires or with improper or uneven tire pressure could cause loss of control, accident or rollover.

Always use the size and type of tires specified for your vehicle. Always maintain proper tire pressure as described in this owner's manual and on safety labels.

SKIDDING OR SLIDING

Failure to use extra caution when operating on excessively rough, slippery or loose terrain could cause loss of traction, loss of control, accident or rollover. Do not operate on excessively slippery surfaces. Always slow down and use additional caution when operating on slippery surfaces.

Skidding or sliding due to loss of traction can cause loss of control or rollover (if tires regain traction unexpectedly). Always follow proper procedures for operating on slippery surfaces as described in this owner's manual. See the Driving on Slippery Surfaces section for details.

OPERATING OVER OBSTACLES

Improperly operating over obstacles could cause loss of control or rollover.

Before operating in a new area, check for obstacles. Never attempt to operate over large obstacles such as large rocks or fallen trees. Always follow the proper procedures outlined in this manual when operating over obstacles. See the Driving Over Obstacles section for details.

OPERATING THROUGH WATER

Operating through deep or fast-flowing water can cause loss of traction, loss of control, rollover or accident. Never operate in fast-flowing water or in water that exceeds the floor level of the vehicle.

Always follow proper procedures for operating in water as described in this owner’s manual. See the Driving Through Water section for details.

Wet brakes may have reduced stopping ability. After leaving water, test the brakes. Apply them lightly several times while driving slowly. The friction will help dry out the pads.

OVERLOADING THE VEHICLE

Overloading the vehicle or carrying/towing loads may cause changes in stability and handling, which could cause loss of control or an accident.

- Never tow objects with this vehicle.
- Never exceed the maximum weight capacity for this vehicle.

OPERATING IN COLD WEATHER

⚠ WARNING

Always be adequately prepared when operating in cold weather, especially below-freezing temperatures. Cold weather can affect the engine's ability to start, which can be dangerous when operating in unfamiliar or remote areas.

OPERATING ON FROZEN BODIES OF WATER

Severe injury or death can result if the vehicle and/or the operator fall through the ice. Never operate the vehicle on a frozen body of water unless you have first verified that the ice is sufficiently thick to support the weight and moving force of the vehicle, you and any passengers, and your cargo, together with any other vehicles in your party.

Always check with local authorities and residents to confirm ice conditions and thickness over your entire route. Vehicle operators assume all risk associated with ice conditions on frozen bodies of water.

OPERATING A DAMAGED VEHICLE

Operating a damaged vehicle can result in an accident. After any rollover or other accident, have a qualified service dealer inspect the entire machine for possible damage, including (but not limited to) seat belts, rollover protection devices, brakes, throttle and steering systems.

IMPROPER CARGO LOADING

Overloading the vehicle or carrying cargo improperly may cause changes in stability and handling, which could cause loss of control or an accident.

- Always follow the instructions in this owner's manual for carrying cargo. See the Hauling Cargo section for details.
- Never exceed the stated load capacity for this vehicle.
- Cargo should be properly distributed and securely attached. See the Hauling Cargo section for details.
- Reduce speed when carrying cargo. Allow a greater distance for braking.

EXPOSURE TO EXHAUST

Engine exhaust fumes are poisonous and can cause loss of consciousness or death in a short time. Never start the engine or let it run in an enclosed area.

Operate this vehicle only outdoors or in well-ventilated areas.

HOT EXHAUST SYSTEMS

⚠ WARNING

Exhaust system components are very hot during and after use of the vehicle. Hot components can cause burns and fire. Do not touch hot exhaust system components. Always keep combustible materials away from the exhaust system.

Use caution when traveling through tall grass, especially dry grass and when traveling through muddy conditions. Always inspect the underside of the vehicle and areas near the exhaust system after driving through tall grass, weeds, brush, other tall ground cover, and muddy conditions. Promptly remove any grass, debris or foreign matter clinging to the vehicle and pay particular attention to the exhaust system area.

REFUELING

Gasoline is highly flammable and explosive under certain conditions.

- Always exercise extreme caution whenever handling gasoline.
- Always turn off the engine when refueling.
- Always refuel outdoors or in a well ventilated area free of any source of flame or sparks.
- NEVER carry fuel or other flammable liquids on this vehicle. Failure to follow this instruction could lead to serious burn injuries or death.
- 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 overfill the tank. Do not fill the tank neck.
- If gasoline spills on your skin or clothing, immediately wash it off with soap and water and change clothing.

UNAUTHORIZED USE OF THE VEHICLE

Leaving the keys in the ignition can lead to unauthorized use of the vehicle by someone under the age of 10 or without proper training. This could result in an accident or rollover. Always remove the ignition key when the vehicle is not in use.

EQUIPMENT MODIFICATIONS

Your POLARIS vehicle is designed to provide safe operation when used as directed. Modifications to your vehicle may negatively impact vehicle stability. Failure of critical machine components may result from operation with any modifications, especially those that increase speed or power. This vehicle may become less stable at speeds higher than those for which it is designed. Loss of control may occur at higher speeds.

Do not install any non-POLARIS-approved accessory or modify the vehicle for the purpose of increasing speed or power. Any modifications or installation of non-POLARIS-approved accessories could create a substantial safety hazard and increase the risk of bodily injury.

The POLARIS limited warranty on your POLARIS vehicle will be terminated if any non-POLARIS-approved equipment and/or modifications have been added to the vehicle that increase speed or power.

The addition of certain accessories, including (but not limited to) mowers, blades, tires, sprayers, or large racks, may change the handling characteristics of the vehicle. Use only POLARIS-approved accessories, and familiarize yourself with their function and effect on the vehicle.

The addition of certain accessories, including (but not limited to) overhead audio speakers, may change the forward clearance in the vehicle. Polaris recommends selecting a helmet that is compatible with the equipment on your vehicle and provides the greatest amount of forward clearance. Always wear a helmet that meets or exceeds the specifications in this owner's manual. Refer to the Safe Riding Gear section of this owner's manual for more information. Use only POLARIS-approved accessories.

FOR MORE INFORMATION ABOUT SAFETY
call POLARIS at 1-800-342-3764.

SAFETY LABELS AND LOCATIONS

Warning labels have been placed on the vehicle for your protection. Read and follow the instructions of the labels on the vehicle carefully. If any of the labels depicted in this manual differ from the labels on your vehicle, always read and follow the instructions of the labels on the *vehicle*.

If an informational or graphic label becomes illegible or comes off, contact your POLARIS dealer to purchase a replacement. Replacement *safety* labels are provided by POLARIS at no charge. The part number is printed on the label.

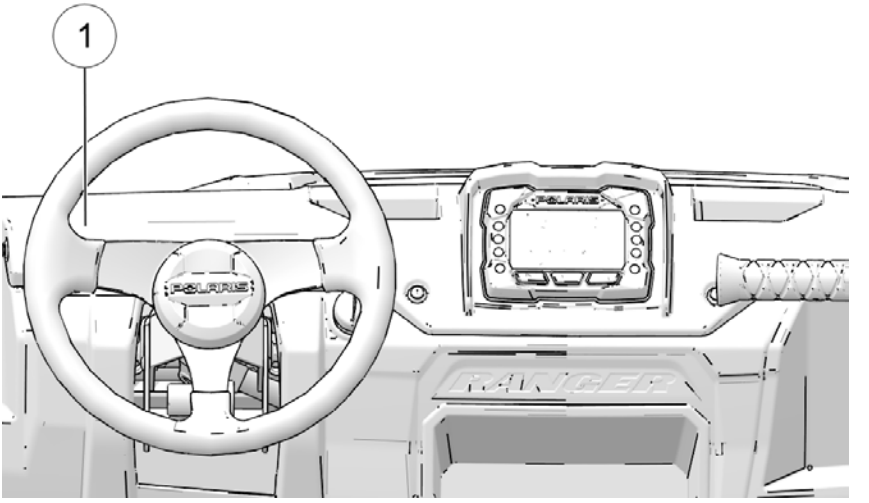
NORTH AMERICA

GENERAL WARNING

WARNING

The General Use Warning ① is located on the dashboard.

Operation of this vehicle by children under the age of 10 increase the risk of severe injury or death.
Adult supervision required for children under age 16.
NEVER permit children under age 10 to operate this vehicle.
NEVER permit a passenger whose feet cannot touch the floor.
LOCATE AND READ OWNER'S MANUAL. FOLLOW ALL INSTRUCTIONS AND WARNINGS. IF OWNER'S MANUAL IS MISSING, CONTACT A POLARIS DEALER FOR A REPLACEMENT.



WARNING

Improper vehicle use can result in SEVERE INJURY or DEATH

NEVER allow vehicle to be Operated:

- without all occupants first viewing and understanding the safety video and warning labels.
- with more than one passenger.
- on hills steeper than 15˚.
- on paved surfaces - pavement may seriously affect handling and control.
- with non-Polaris approved accessories - they may seriously affect stability.
- at speeds that are too fast for the operators skills, the conditions and/or the terrain.

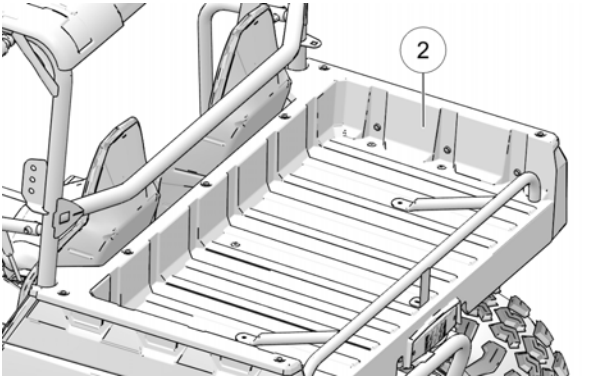
ALWAYS require Operator and/or Passenger to:

- wear seat belts, grab hand holds (passenger) and plant feet firmly on the floor.
- secure cab nets.
- keep hands and feet inside vehicle.
- use an approved helmet and protective gear for all occupants.
- avoid quick turns of the steering wheel and driving stunts such as jumps, donuts or power slides.
- reduce speed and use extra caution when carrying a passenger.
- watch for branches or other hazards that could enter vehicle.

FUEL TRANSPORT WARNING

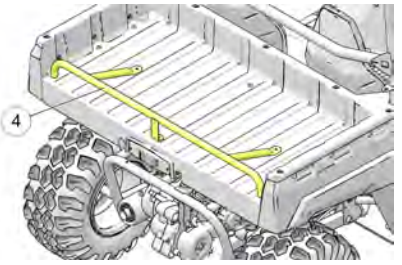
The fuel transport warning ② is located in the cargo box.

WARNING
NEVER carry fuel or other flammable liquids on this vehicle. Failure to follow this instruction could lead to serious burn injuries or death.



BOX BAR WARNING

The box bar warning ④ is located on the box bar.



WARNING
NEVER tow, sit on, or hang from rack, bumper, or cargo bed.
NEVER remove bumper. May result in severe injury or death.

TIRE PRESSURE WARNING (7189047)

WARNING

IMPROPER TIRE PRESSURE OR OVERLOADING CAN CAUSE LOSS OF CONTROL RESULTING IN SERIOUS INJURY OR DEATH.

- Reduce speed and allow greater distance for braking when carrying cargo.
- Overloading or carrying tall, off-center, or unsecured loads will increase your risk of losing control. Loads should be centered and carried as low as possible in box.
- For stability on rough or hilly terrain, reduce speed and cargo.

RANGER	RANGER 150
MAXIMUM CARGO BOX LOAD	50 lbs. (23 kg)
TIRE PRESSURE IN PSI (KPa)	FRONT 5 (34.4) REAR 5 (34.4)
MAXIMUM WEIGHT CAPACITY INCLUDES WEIGHT OF OPERATOR, PASSENGER,CARGO, AND ACCESSORIES.	375 lbs. (170 kg)
Read Operation & Maintenance Manual for more detailed loading information.	

PASSENGER WARNING

WARNING

The passenger warning is located in the cargo box.

- Never carry passengers in cargo box.
- Passenger can be thrown off. This can cause serious injury or death.

INTERNATIONAL

HOT SURFACE CAUTION

The Hot Surface caution label is located on your vehicle. The first is located on the rear bumper. The other is located on the rear hitch bracket.

CAUTION
HOT SURFACE. DO NOT TOUCH.

GENERAL ALERT

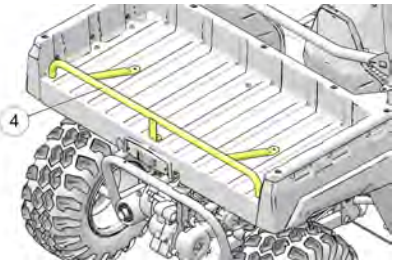
WARNING

- Read the owner's manual.
- Always wear seat belts.
- Always use cab nets or doors.
- Wear approved helmet, goggles, and protective clothing.
- Never allow anyone under 10 years of age to operate this vehicle.
- Never use alcohol or drugs before or while driving or riding.
- Do not allow operation on public roads (unless designated for off-highway vehicle access).
- Exhibition driving increases the risk of accident or rollover. DO NOT do power slides, "donuts", jumps or other driving stunts. Avoid exhibition driving.
- Always follow proper operating procedures.
- Never exceed seating capacity.
- Do not operate vehicle on grades exceeding 15 degrees of incline.

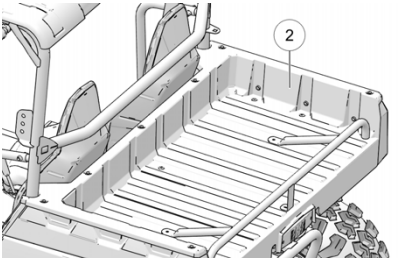
BOX BAR WARNING

The box bar warning ④ is located on the box bar.

WARNING
NEVER tow, sit on, or hang from rack, bumper, or cargo bed.
NEVER remove bumper. May result in severe injury or death.



LOAD/PASSENGER/TIRE PRESSURE ALERT



WARNING

- Never carry passenger in cargo box.
- NEVER carry fuel or other flammable liquids on this vehicle. Failure to follow this instruction could lead to serious burn injuries or death.
- Read owner's manual.

WARNING

IMPROPER TIRE PRESSURE OR OVERLOADING CAN CAUSE LOSS OF CONTROL RESULTING IN SERIOUS INJURY OR DEATH.

- Reduce speed and allow greater distance for braking when carrying cargo.
- Overloading or carrying tall, off-center, or unsecured loads will increase your risk of losing control. Loads should be centered and carried as low as possible in box.
- For stability on rough or hilly terrain, reduce speed and cargo.

RANGER	RANGER 150
MAXIMUM CARGO BOX LOAD	23 kg (50 lbs)
TIRE PRESSURE IN PSI (KPa)	FRONT 5 psi (34.4 kPa) REAR 5 psi (34.4 kPa)
MAXIMUM WEIGHT CAPACITY INCLUDES WEIGHT OF OPERATOR, PASSENGER, CARGO, AND ACCESSORIES.	170 kg (375 lbs)
Read Operation & Maintenance Manual for more detailed loading information.	

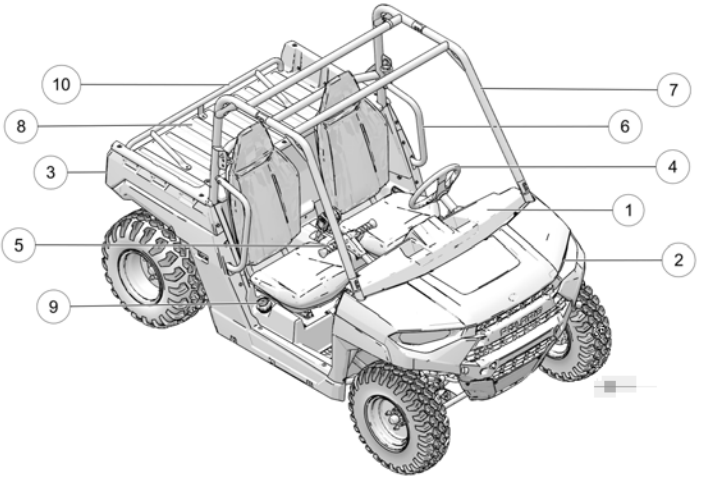
REPORTING SAFETY DEFECTS (CANADA)

To report a safety defect to Transport Canada, you may either fill out an online defect complaint form at their website (English: http://www/tc/gc/ca/recalls, French: http://www.tc.gc.ca/rappels) or contact their Defect Investigations and Recalls Division by calling toll-free 1-800-333-0510 (Canada) or 819-994-3328 (Ottawa-Gatineau area / International).

FEATURES AND CONTROLS

COMPONENT LOCATIONS

Your vehicle is equipped with cab nets on both sides of the vehicle. Cab nets must be used by both operator and passenger at all times. Promptly replace worn or damaged cab nets with new cab nets, available from your authorized POLARIS dealer. The vehicle illustrated below is shown without cab nets only to allow component identification. Always use the cab nets.



① Console
② Headlights
③ Taillights
④ Steering Wheel
⑤ Passenger Hand-hold
⑥ Hip Bar
⑦ Cab Frame
⑧ Cargo Box
⑨ Fuel Tank Cap
⑩ Rear Box Bar

SEATS

OPERATING WITHOUT PROPERLY INSTALLED PASSENGER SEAT

⚠ WARNING

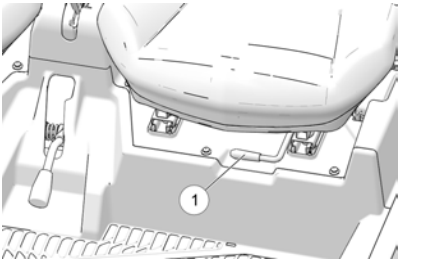
Never carry a passenger in the passenger seat area without having properly installed the seat, seat belt, and grab handle. Neglecting to install all passenger seat components before carrying a passenger could result in serious injury or death.

⚠ WARNING

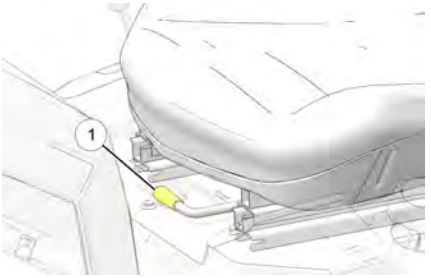
Never transport cargo in the passenger seat area without having properly installed the seat. Neglecting to install the seat prior to transporting cargo in the passenger area may lead to fuel system component damage and could result in severe injury or death.

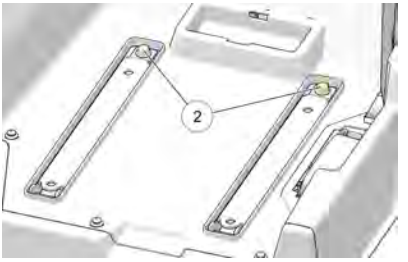
DRIVER'S SEAT ADJUSTMENT

1. Lift the seat latch lever located under the right front edge of the driver's seat.
2. While holding the lever upward, slide the seat forward or rearward to the desired position, then release the lever.
3. Slide the seat forward and rearward to ensure the latch is engaged. Before operating the vehicle, always make sure both seats are securely installed.



SEAT REMOVAL





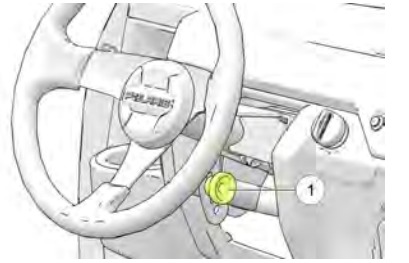
1. Lift up the seat latch lever ① located under the right front edge of the seat.
2. While holding the lever upward, slide the seat completely forward.
3. Remove the two fasteners ② securing the seat slides to the frame.
4. Remove the seat from the vehicle.
5. Reverse this procedure to reinstall the seat.

TORQUE
Seat Fasteners: **41 N·m**

STEERING WHEEL

The steering wheel can be adjusted upward or downward for rider preference.

1. Loosen the steering wheel adjustment bolt ①.
2. Move the steering wheel upward or downward to the desired position.
3. Tighten the bolt to specification.



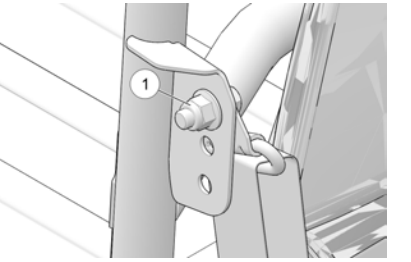
TORQUE
Steering Wheel Adjustment Bolt: **10 ft. lbs. (13.5 Nm)**

SEAT BELTS

This POLARIS vehicle is equipped with three-point lap and diagonal seat belts for the operator and passenger. Always make sure the seat belts are secured for both the operator and passenger before riding. The driver's seat belt is equipped with a seat belt interlock. Vehicle speed will be limited if the seat belt is not secured.

To wear the seat belt properly, do the following:

1. Pull the seat belt latch downward and across your chest toward the buckle at the inner edge of the seat. The belt should fit snugly across your hips and diagonally across your chest. Make sure the belt is not twisted.
2. Push the latch plate into the buckle until it clicks.
3. Release the strap, it will self-tighten.
4. Press the red release latch on the buckle to release the seat belt.



TIP
The position of the shoulder strap can be adjusted to the height of the operator. Have an adult relocate the mounting bolt ① to a different position, making sure the nut and bolt are tightened securely.

TORQUE
Seat Belt Mounting Bolt: **30 ft-lbs (40.6 Nm)**

SEAT BELT INSPECTION

Inspect all seat belts for proper operation before each use of the vehicle.

1. Push the latch plate into the buckle until it clicks. The latch plate must slide smoothly into the buckle. A click indicates that it's securely latched.
2. Push the red release latch in the middle of the buckle to make sure it releases freely.
3. Pull each seat belt completely out and inspect the full length for any damage, including cuts, wear, fraying or stiffness. If any damage is found, or if the seat belt does not operate properly, have the seat belt system checked and/or replaced by an authorized dealer.
4. To clean dirt or debris from the seat belts, sponge the straps with mild soap and water. Do not use bleach, dye or household detergents.

CAB NETS

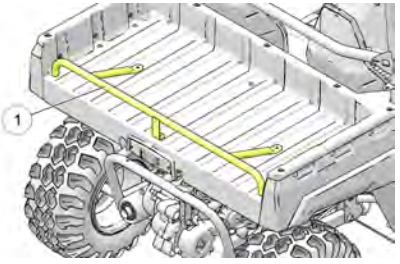
Riding in this vehicle without using the cab nets increases the risk of serious injury or death in the event of an accident or rollover.

Cab nets must be used by both operator and passenger at all times. Make sure all latches are secure before operating the vehicle.

Always inspect cab nets for tightness, wear and damage before each use of the vehicle. Use the strap adjusters to tighten any loose straps. Promptly replace worn or damaged cab nets or latches with new cab nets and latches. Your POLARIS dealer can assist.

REAR BOX BAR

This vehicle is equipped with a barrier ① to discourage passengers from riding in the cargo area and to decrease the risk of injury due to falls or entanglement with the vehicle. This barrier is an essential safety component and should never be removed or altered. Passengers should never ride in the cargo area, and removal or alteration of this barrier could cause serious injury or death.

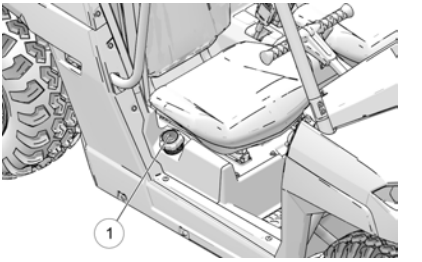


FUEL CAP

WARNING
Never allow a child to refuel or handle gasoline.

The fuel tank filler cap ① is located on the right-hand side of the vehicle near the passenger seat.

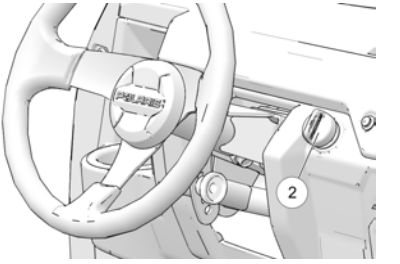
When refueling, always use either leaded or unleaded gasoline with a minimum pump octane number of 87 R +M/2 octane. Non-ethanol fuel is recommended.
Do not use fuel with ethanol content greater than 10 percent, such as E-85 fuel.



IGNITION SWITCH

The ignition switch ② is a three-position, key-operated switch. Use the ignition switch to start the engine. See page 78 for starting procedures.

The key can be removed from the switch when it is in the OFF position.

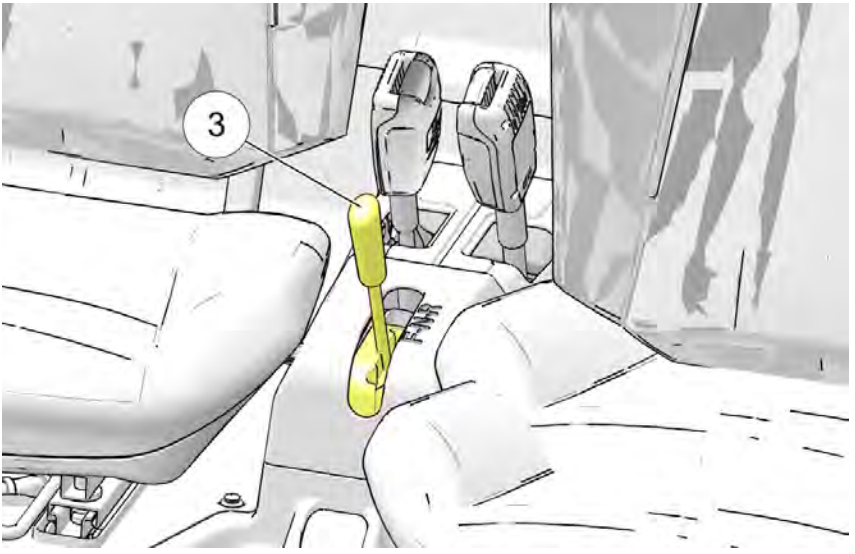


OFF	The engine is off. Electrical circuits are off, except accessory 12V.
LIGHTS ON	Electrical circuits are on. Electrical equipment can be used.
START	Turn the key to the START position to engage the electric starter. The key returns to the ON position when released.

GEAR SELECTOR

The gear selector ③ is located between the seats. To change gears, stop the vehicle, and with the engine idling, move the lever to the desired gear. Do not attempt to shift gears with engine speed above idle or while the vehicle is moving.

- F: Forward
- N: Neutral
- R: Reverse



TIP
Maintaining shift linkage adjustment is important to assure proper transmission function. Your POLARIS dealer can assist in resolving any shifting problems.

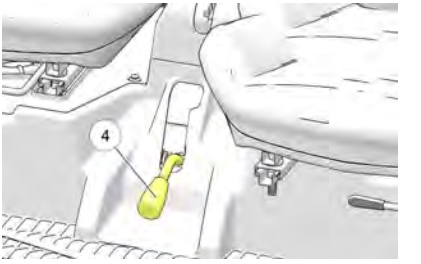
NOTICE
Do not attempt to shift the transmission while the vehicle is moving. This could damage the transmission. Always shift when the vehicle is stationary and the engine is at idle.

PARKING BRAKE

⚠ WARNING

Operating the vehicle while the parking brake is engaged could cause an accident resulting in serious injury or death. It could also result in driveline or engine damage. Always be sure to disengage the parking brake before operating the vehicle.

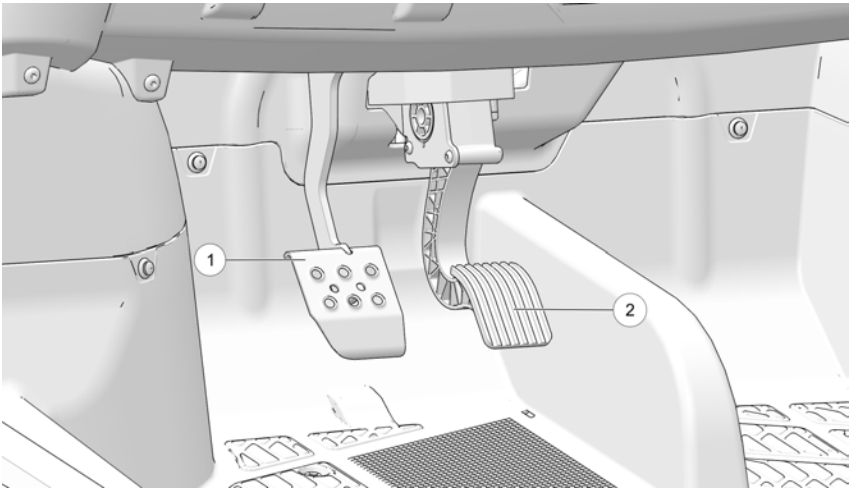
1. Apply the brakes.
2. When the vehicle is fully stopped, pull the parking brake lever ④ rearward as far as possible to set the parking brake.
3. Stop the engine.
4. To release the parking brake, apply the brakes and push the lever toward the passenger seat and forward.



TIP

Always set the parking brake whenever the vehicle is left unattended.

BRAKE/THROTTLE PEDAL



BRAKE PEDAL

Depress the brake pedal ① to slow or stop the vehicle. Apply the brakes while starting the engine.

THROTTLE PEDAL

Push the throttle pedal ② down to increase engine speed. Spring pressure returns the pedal to the rest position when released. Always check that the throttle pedal returns normally before starting the engine.

HELMET AWARE

The helmet aware beacon and mounting adhesive comes shipped with the owner's manual. This allows parents to mount to the Polaris supplied helmet or helmet of their choice. The helmet aware beacon should be mounted on a flat surface on the helmet.

The display will issue a low battery message if the beacon is below 10% battery level. Parents can replace the battery beacon with a CR2032.

To replace the battery remove 2 screws from the enclosure and then split the beacon apart with a small standard screw driver.

Helmet aware comes disabled from factory and must be enabled by parent.

INSTRUMENT CLUSTER

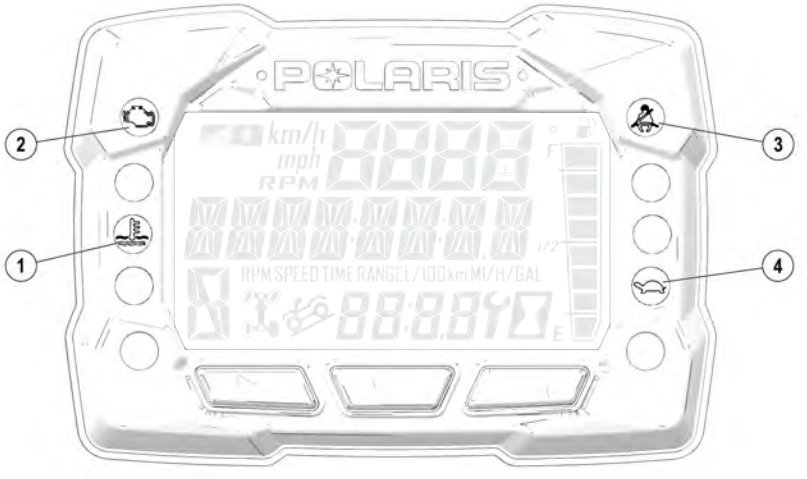
OVERVIEW

NOTICE
Cleaning your vehicle using a high pressure washer may cause instrument cluster damage. Wash the vehicle by hand or with a garden hose, using mild soap. Do not use rubbing alcohol to clean the instrument cluster. Avoid using insect sprays near your vehicle to prevent chemical contact with the screen. Should gasoline come into contact with the instrument cluster, immediately clean it off using a clean cloth and mild soap.

① Gear Indicator
② Display Area 2
③ Bluetooth® Connected
④ Helmet Aware Signal Strength
⑤ Display Area 1
⑥ Clock
⑦ Service Indicator

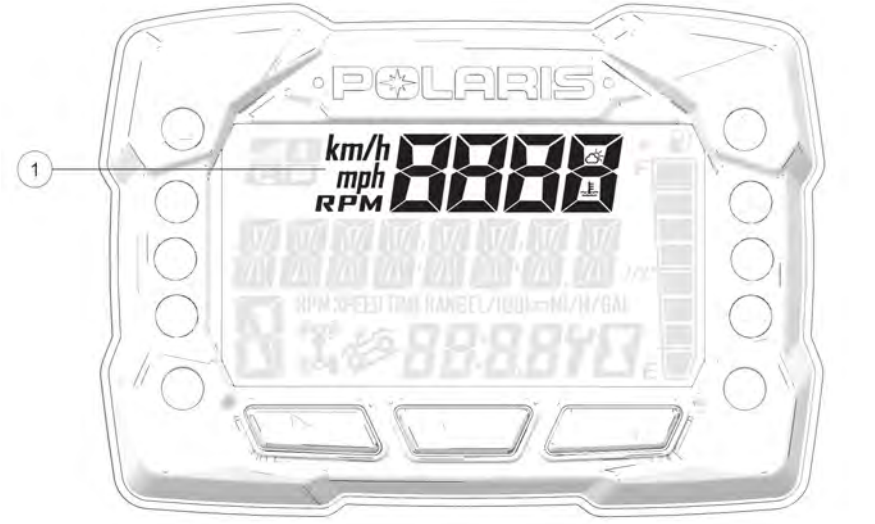
FEATURE	DESCRIPTION
Gear Indicator	F = High Gear N= Neutral R = Reverse – = Gear Signal Error (or shifter between gears)
Display Area 2	This area displays odometer, trip meter, trip meter 2, voltage, engine temperature, engine hour meter, programmable service hour interval, ground speed, engine RPM, GeoFence status, or speed limit status.
Bluetooth® Connected	This icon illuminates when the display is connected to a device via Bluetooth®.
Helmet Aware Signal Strength	This indicates the signal strength of the helmet beacon. This symbol will flash if the helmet aware system is activated and the helmet beacon is not in range. The symbol will remain on solid when the helmet beacon is in range.
Display Area 1	This area displays engine RPM, ground speed, or coolant temperature.
Clock	The clock displays time in a 12-hour or 24-hour format. See page 57 for more information.
Service Indicator	A flashing wrench symbol alerts the operator that the preset service interval has been reached. Your Polaris dealer can provide scheduled maintenance. See page 61 for more information.

INDICATOR LAMPS



INDICATOR		DESCRIPTION
① **Engine Hot**		This lamp illuminates to indicate an overheated engine. If the indicator flashes, a severe overheating condition exists.
② **Check Engine**		This indicator appears if an EFI-related fault occurs. Do not operate the vehicle if this warning appears. Serious engine damage could result. Your authorized Polaris dealer can assist.
③ **Helmet / Seat Belt**		This lamp flashes for several seconds when the key is turned to the ON position. The lamp is a reminder to wear helmet and seat belt before operating.
④ **Performance Limited**		**ON:** Speed limiting is in effect. **FLASHING:** Vehicle speed is greater than preset max speed. **OFF:** Speed limiting disabled.

DISPLAY AREA 1



Pressing the MODE button will change the information displayed in Area 1 ①.

Speed

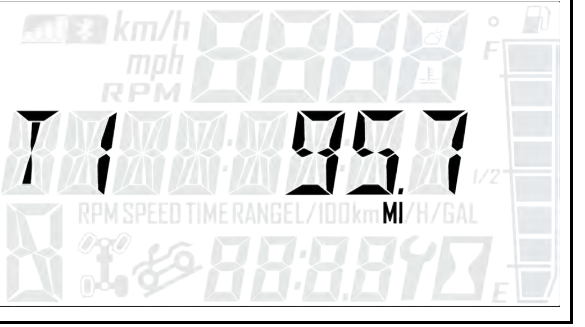
Engine Temperature

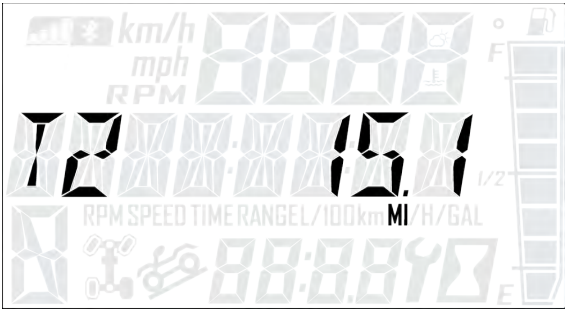
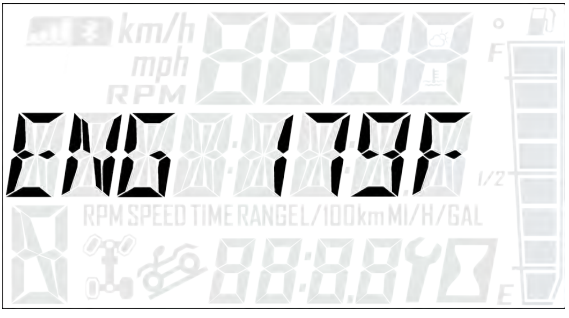
RPM

Ambient Temperature (Optional)

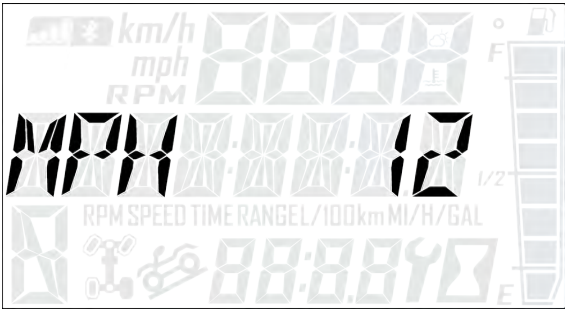
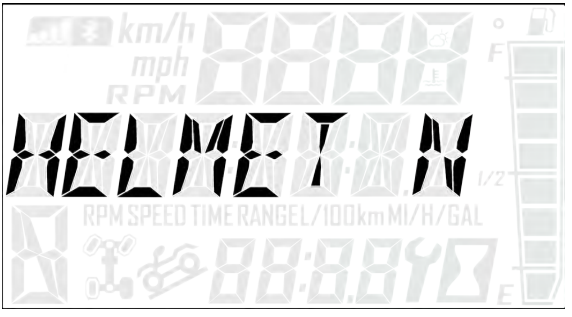
DISPLAY AREA 2

Toggle the Up/Down buttons to change the information displayed in Area 2 ②.

FEATURE	DESCRIPTION
Odometer	
Service Hours	
Trip 1	

FEATURE	DESCRIPTION
Trip 2	
Trip Timer	
Engine Temperature	

FEATURE	DESCRIPTION
Voltage	
Geofence Status	
RPM	

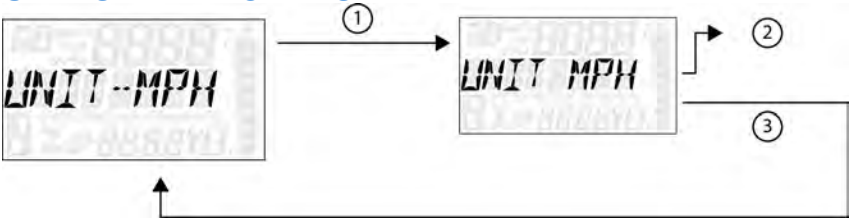
FEATURE	DESCRIPTION
Engine Hours	
Speed	
Helmet Aware Status	

OPTIONS MENU

Press and hold the MODE button to enter the Options Menu.

OPTIONS MENU	NOTES
Diagnostic Codes	Only displays if fault codes are present or stored
Youth Menu	Set passcode, maximum speed, GeoFence, and helmet aware settings.
Units - Distance	Select MPH or KPH
Units - Temp	Select between °F and °C
Clock	Select between 12H or 24H, and set time
Backlight Color	Select between Blue or Red
Backlight Level	Set backlight brightness level
Service Hours	View/Set Service hours
Exit Menu	Exit

UNIT SELECTION DISTANCE



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Units-Distance" from the Options Menu by pressing the MODE button.

   Reference the image shown above:

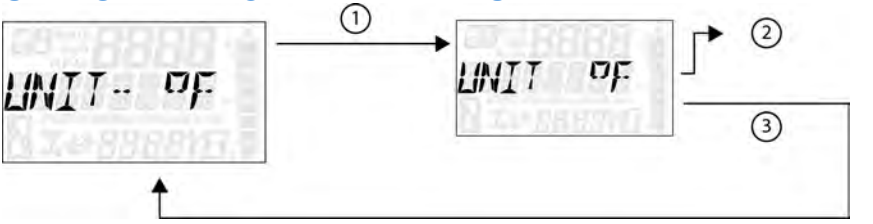
   ① Press the MODE button.

   ② Toggle the Up/Down Buttons to change the units (MPH or KPH)

   ③ With the correct unit displayed, Press the mode button which will set the unit and return to the Options Menu.

3. To exit the Options Menu the user can select Exit Menu function from Options Menu, can hold Mode Button and exit out of Options Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

UNIT SELECTION TEMPERATURE



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Units - Temp" from the Options Menu by pressing the MODE button.

   Reference the image shown above:

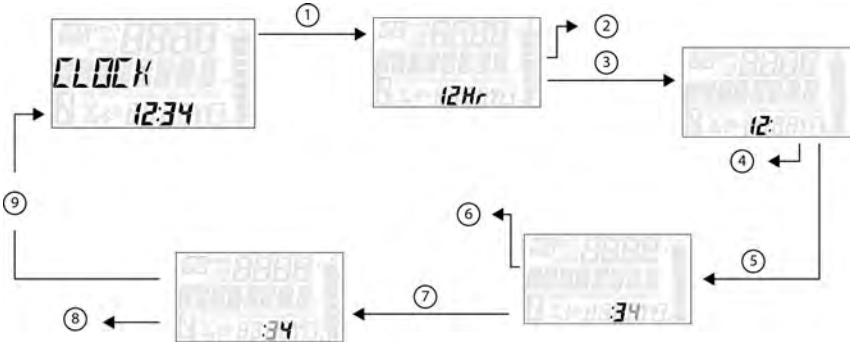
   ① Press the MODE button.

   ② Toggle the Up/Down Buttons to change the units (°F or °C)

   ③ With the correct unit displayed, Press the mode button which will set the unit and return to the Options Menu.

3. To exit the Options Menu the user can select Exit Menu function from Options Menu, can hold Mode Button and exit out of Options Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

CLOCK



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
“OPTIONS” will display on the screen for 3 seconds before showing first menu item.

2. Select “Clock” from the Options Menu by pressing the MODE button.

   Reference the image shown above:

   ① Press the MODE button.

   ② Toggle the Up/Down Buttons to change the units (12H or 24H)

   ③ With the correct unit displayed, Press the mode button which will set the unit.

   ④ Toggle the Up/Down Buttons to change the units (Cycles Hours)

   ⑤ With the correct unit displayed, Press the mode button which will set the unit.

   ⑥ Toggle the Up/Down Buttons to change the units (Cycles 10s of Minutes)

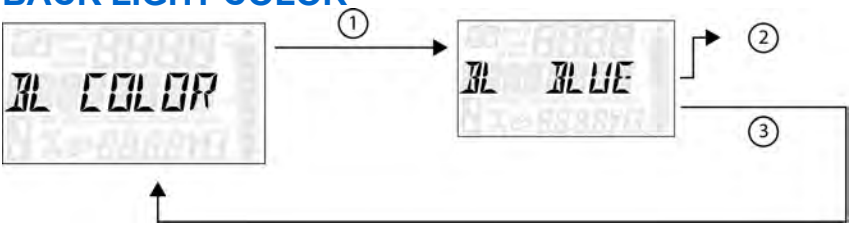
   ⑦ With the correct unit displayed, Press the mode button which will set the unit.

   ⑧ Toggle the Up/Down Buttons to change the units (Cycles 1s of Minutes)

   ⑨ With the correct unit displayed, Press the mode button which will set the unit and return to the Options Menu.

3. To exit the Options Menu the user can select Exit Menu function from Options Menu, can hold Mode Button and exit out of Options Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

BACK LIGHT COLOR



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Backlight Color" from the Options Menu by pressing the MODE button.

   Reference the image shown above:

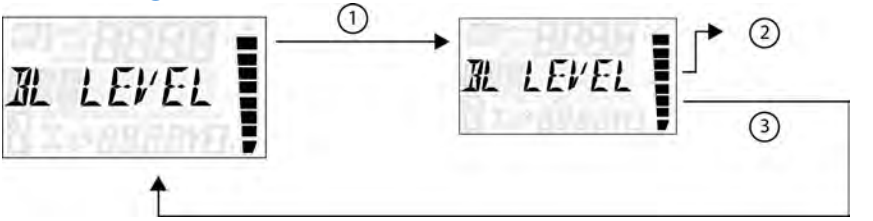
   ① Press the MODE button.

   ② Toggle the Up/Down Buttons to change the units (Blue or Red)

   ③ With the correct unit displayed, Press the mode button which will set the unit and return to the Options Menu.

3. To exit the Options Menu the user can select Exit Menu function from Options Menu, can hold Mode Button and exit out of Options Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

BACK LIGHT LEVEL



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Backlight Level" from the Options Menu by pressing the MODE button.

   Reference the image shown above:

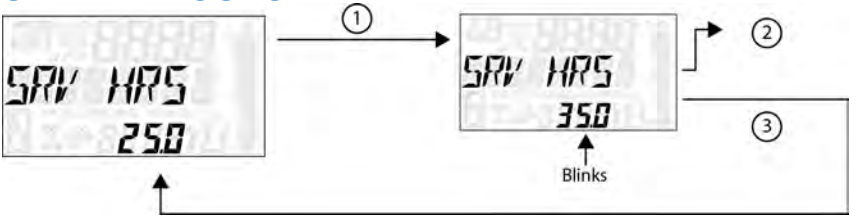
   ① Press the MODE button.

   ② Toggle the Up/Down Buttons to change the units (Increase or Decrease Level)

   ③ With the correct unit displayed, Press the mode button which will set the unit and return to the Options Menu.

3. To exit the Options Menu the user can select Exit Menu function from Options Menu, can hold Mode Button and exit out of Options Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

SERVICE HOURS



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Service Hours" from the Options Menu by pressing the MODE button.

   Reference the image shown above:

   ① Press the MODE button.

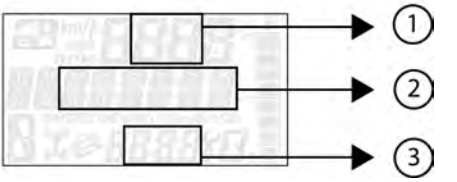
   ② Toggle the Up/Down Buttons to change the units (0, 5, 10 - 95, 100)

   ③ With the correct unit displayed, press the MODE button, which will set the unit and return you to the Options Menu.

NOTICE
To reset service hours after they have counted down to "0.0", reselect the existing setpoint or select a new service hour value.

3. To exit the Options Menu the user can select Exit Menu function from Options Menu, can hold Mode Button and exit out of Options Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

DIAGNOSTIC CODE



NOTICE
Diagnostic Code Screen will show available MIL that has come on during that ignition cycle.

1. Press and hold the MODE button to enter the Options Menu.

NOTICE
“OPTIONS” will display on the screen for 3 seconds before showing first menu item.

2. Select “Diagnostic Codes” from the Options Menu by pressing the MODE button.

   Toggle the Up/Down Buttons to cycle through Code(s).

NOTICE
This option will only be available if a fault code was set or is active during the current ignition key 'on' cycle. Turning off the ignition will clear any save fault codes from the gauge.

   Reference the image shown above:

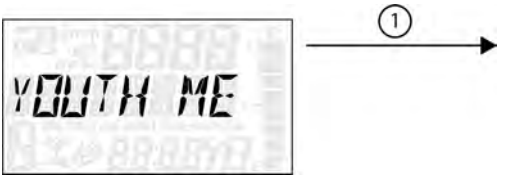
   ① Area A will Display FMI (XX)

   ② Area B will Display SPN (XXXXXX)

   ③ Clock Area will Display Count (XXX)

3. To exit the Options Menu the user can select Exit Menu function from Options Menu, can hold Mode Button and exit out of Options Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

YOUTH MENU



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
“OPTIONS” will display on the screen for 3 seconds before showing first menu item.

2. Select “Youth Menu” from the Options Menu by pressing the MODE button.

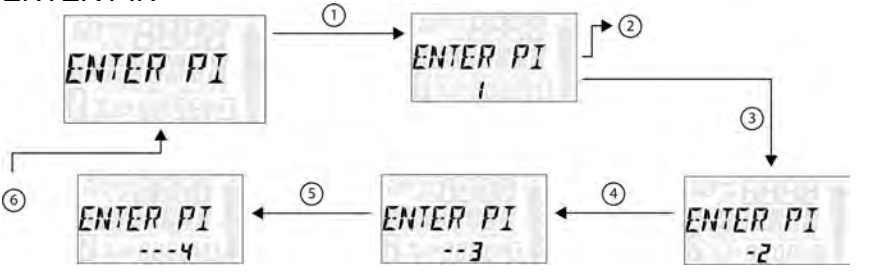
   Reference the image shown above:

   ① Press the MODE button.

OVERVIEW

YOUTH MENU	NOTES
Maximum Speed	Set maximum Speed
GeoFence	Enable/Disable GeoFence
Inside GeoFence Speed	Set inside Geofence maximum vehicle speed
Outside GeoFence Speed	Set outside GeoFence maximum vehicle speed
Require PIN to start	Enable/Disable PIN to start vehicle
Start PIN delay	Enable/Disable PIN delay
Change PIN	Change PIN
Exit Youth Menu	Exit

ENTER PIN



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Youth Menu" by pressing the MODE button.

3. Enter PIN.

NOTICE
If PIN is lost or displaced please contact your Polaris dealer for assistance.

4. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold MODE button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

CHANGE PIN

To change the PIN, do the following:

1. Press and hold the MODE button to enter the Options Menu.
2. Select “Youth Menu” by pressing the MODE button.
3. Enter PIN.
4. Select “CHANGE PIN” from the Youth Menu by pressing the MODE button.

   Reference the image shown above:

   ① Press the MODE button.

   ② Toggle the Up/Down buttons to increase/decrease the first digit of the PIN.

   ③ With the first digit of the PIN displayed, Press the MODE button which will set the digit and move to the 2nd digit.

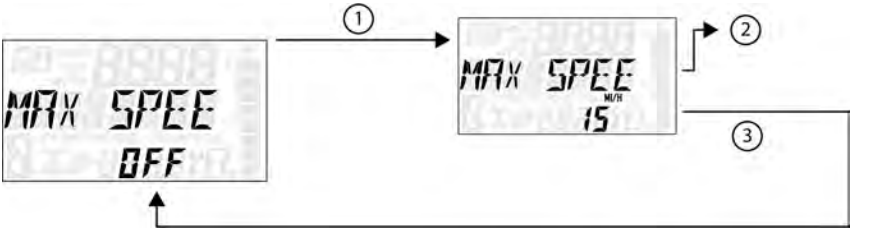
   ④ Toggle the Up/Down buttons to increase/decrease the 2nd digit of the PIN. Press MODE button to set 2nd digit and move on to the 3rd digit.

   ⑤ Toggle the Up/Down buttons to increase/decrease the 3rd digit of the PIN. Press MODE button to set 3rd digit and move on to the 4th digit.

   ⑥ Press the MODE button to set the 4th digit and enter the Youth Menu.

5. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold MODE button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

MAX SPEED



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Youth Menu" by pressing the MODE Button.
3. Enter PIN.
4. Select "Max Speed" from the Youth Menu by pressing the MODE button.

   Reference the image shown above:

   ① Press the MODE button.

   ② Toggle the Up/Down Buttons to increase/decrease Max Speed (range: 10–29).

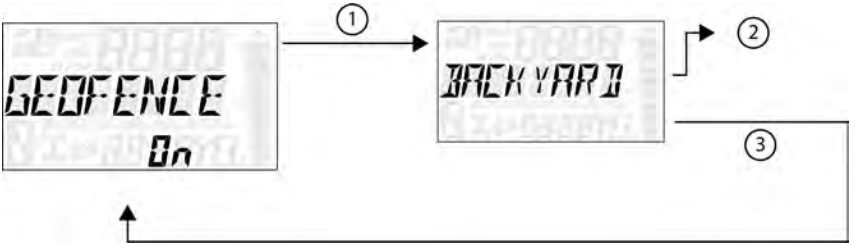
   ③ With the desired Max Speed displayed, press the MODE button which will set the Max Speed and return to the Youth Menu.

5. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold MODE Button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

GEOFENCE

⚠ WARNING

Your Ranger 150 is equipped with Youth Ride Control; this technology is not a replacement for adult supervision. GPS accuracy can vary by region, so make certain to give adequate distance for geofence boundaries to accommodate this variation. A geofence will not stop the vehicle. It will only slow to the adult entered speed limit.



NOTICE

To use the geofence features, first download the Polaris Ride Command™ app and sign up. Turning the geofence on and off and changing the speeds can be done through the vehicle display once a geofence boundary has been created through the Ride Command app.

1. Press and hold the MODE button to enter the Options Menu.

NOTICE

"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Youth Menu" by pressing the MODE button.
3. Enter PIN.
4. Select "GEOFENCE" from the Youth Menu by pressing the MODE button.

   Reference the image shown above:

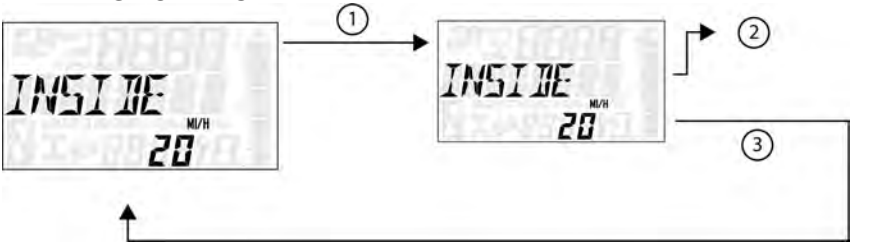
   ① Press the MODE button.

   ② Toggle the Up/Down buttons to cycle through options (On/Off).

   ③ With the desired option displayed, press the MODE button which will set function and return to the Youth Menu.

5. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold Mode Button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

INSIDE GEOFENCE SPEED



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Youth Menu" by pressing the MODE button.
3. Enter PIN.
4. Select "INSIDE" from the Youth Menu by pressing the MODE button.

   Reference the image shown above:

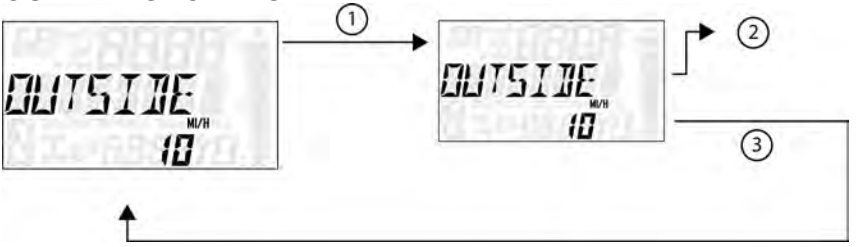
   ① Press the MODE button.

   ② Toggle the Up/Down buttons to increase/decrease Inside GeoFence Maximum Speed (range: 10–29).

   ③ With the desired speed displayed, press the MODE button which will set the Inside GeoFence Speed and return to the Youth Menu.

5. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold MODE button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

OUTSIDE GEOFENCE SPEED



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Youth Menu" by pressing the MODE button.
3. Enter PIN.
4. Select "OUTSIDE" from the Youth Menu by pressing the MODE button.

   Reference the image shown above:

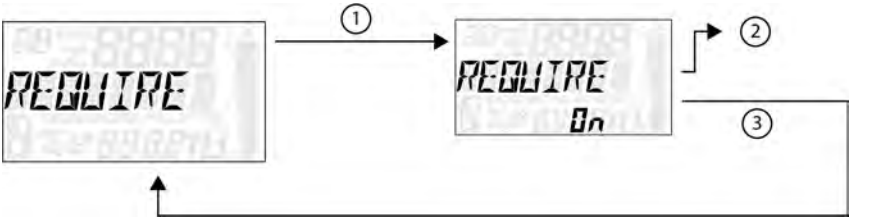
   ① Press the MODE button.

   ② Toggle the Up/Down Buttons to increase/decrease Outside GeoFence Maximum Speed (range: 10–29).

   ③ With the desired speed displayed, press the mode button which will set the Outside GeoFence Speed and return to the Youth Menu.

5. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold Mode button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

REQUIRE PIN TO START



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
“OPTIONS” will display on the screen for 3 seconds before showing first menu item.

2. Select “Youth Menu” by pressing the MODE button.
3. Enter PIN.
4. Select “REQUIRE PIN TO START” from the Youth Menu by pressing the MODE button.

   Reference the image shown above:

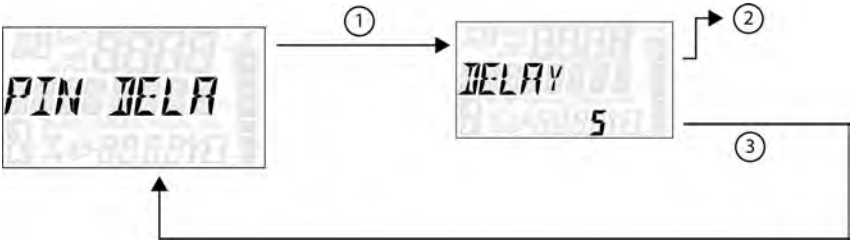
   ① Press the MODE button.

   ② Toggle the Up/Down buttons to enable/disable requiring PIN to start vehicle.

   ③ With the desired option displayed, press the MODE button which will set the function and return to the Youth Menu.

5. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold MODE button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

START PIN DELAY



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Youth Menu" by pressing the MODE button.
3. Enter PIN.
4. Select "PIN DELAY" from the Youth Menu by pressing the MODE button.

   Reference the image shown above:

   ① Press the MODE button.

   ② Toggle the Up/Down buttons to enable/disable PIN Delay.

   ③ With the desired option displayed, press the MODE button which will set the function and return to the Youth Menu.

5. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold Mode Button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

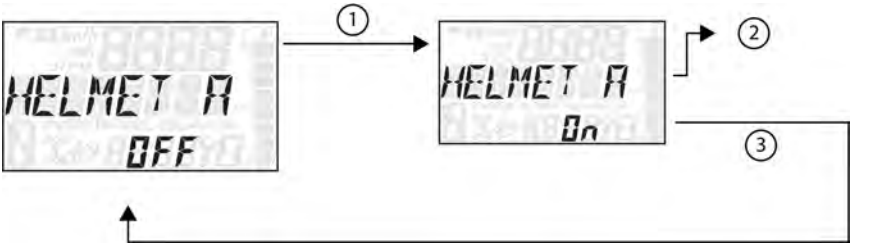
HELMET AWARE

⚠ WARNING

Your vehicle is equipped with Youth Ride Control; this technology is not a replacement for adult supervision to ensure proper equipment is worn by the operator.

NOTICE

To use all of the helmet aware features first download the Polaris Ride Command app and sign up. Turning the helmet aware feature on and off can be done through the vehicle display but the helmet not detected behavior must be selected through the Ride Command app.



1. Press and hold the **MODE** button to enter the Options Menu.

NOTICE

OPTIONS will display on the screen for 3 seconds before showing first menu item.

2. Select YOUTH MENU by pressing the **MODE** button.
3. Enter PIN.
4. Select HELMET A from the Youth Menu by pressing the **MODE** button.

   Reference the image shown above:

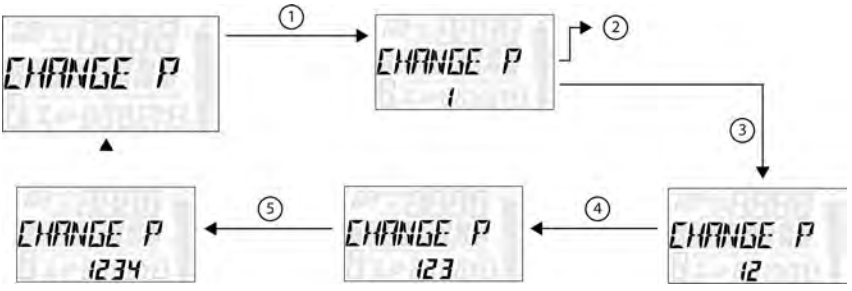
   ① Press the **MODE** button.

   ② Toggle the **UP/DOWN** buttons to cycle through options (On/Off).

   ③ With the desired option displayed, press the **MODE** button which will set function and return to the Youth Menu.

5. To exit the Youth Menu the user can select EXIT MENU function from Youth Menu, can hold **MODE** button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

CHANGE PIN



1. Press and hold the MODE button to enter the Options Menu.

NOTICE
"OPTIONS" will display on the screen for 3 seconds before showing first menu item.

2. Select "Youth Menu" by pressing the MODE button.
3. Enter PIN.
4. Select "CHANGE PIN" from the Youth Menu by pressing the MODE button.

   Reference the image shown above:

① Press the MODE button.

② Toggle the Up/Down buttons to increase/decrease the first digit of the new PIN.

③ With the desired first digit of the new PIN displayed, Press the MODE button which will set the digit and move to the 2nd digit.

④ Toggle the Up/Down Buttons to increase/decrease the 2nd digit of the new PIN. Press MODE button to set 2nd digit and move on to the 3rd digit.

⑤ Toggle the Up/Down Buttons to increase/decrease the 3rd digit of the new PIN. Press MODE button to set 3rd digit and move on to the 4th digit.

5. Press the MODE button to set the 4th digit and exit.
6. To exit the Youth Menu the user can select Exit Menu function from Youth Menu, can hold Mode button and exit out of Youth Menu, or not press any button for 10 seconds, which will exit out of the Options Menu.

OPERATION

IMPORTANT INFORMATION

⚠ WARNING

Failure to operate the vehicle properly can result in a collision, loss of control, accident or rollover, which may result in serious injury or death. Read and understand all safety warnings outlined in the safety section of this owner's manual.

VEHICLE BREAK-IN PERIOD

The break-in period for your new vehicle is the first 25 hours of operation, or the time it takes to use the first 2 full tanks of gasoline. No single action on your part is as important as a proper break-in period. Careful treatment of a new engine will result in more efficient performance and longer life for the engine. Perform the following procedures carefully.

NOTICE

Excessive heat build-up during the first 3 hours of operation will damage close-fitted engine parts and drive components. Do not operate at full throttle or high speeds during the first 3 hours of use.

BRAKE SYSTEM BREAK-IN

Apply only moderate braking force for the first 50 stops. Aggressive or overly forceful braking when the brake system is new could damage brake pads and rotors.

PVT BREAK-IN (CLUTCHES/BELT)

Always break in the clutches and drive belt of new vehicles, as well as after a belt replacement.

A proper break-in of the clutches and drive belt will ensure a longer life and better performance. Break in the clutches and belt by operating at slower speeds during the break-in period as recommended. Pull only light loads. Avoid aggressive acceleration and high speed operation during the break-in period.

If a belt fails, always clean any debris from the PVT intake and outlet duct and from the clutch and engine compartments when replacing the belt.

KNOW YOUR RIDING AREA/TREAD LIGHTLY℠

Familiarize yourself with all laws and regulations concerning the operation of this vehicle in your area. Respect the environment in which you ride your vehicle. Find out where the designated riding areas are by contacting your POLARIS dealer, a local riding club, or local officials.

Help keep our trails open for recreational vehicle use. As an off-road enthusiast, you represent the sport and can set a good example (or a poor example) for others to follow. Tread Lightly[SM]. Operate with respect for the terrain, avoid littering, and always stay on the designated trails.

PRE-RIDE INSPECTION

Failure to inspect and verify that the vehicle is in safe operating condition before operating increases the risk of an accident. Always inspect the vehicle before each use to make sure it's in safe operating condition.

ITEM	REMARKS	PAGE
Brake system/pedal travel	Ensure proper operation	page 112
Brake fluid	Ensure proper level	page 112
Front suspension	Inspect, lubricate if necessary	page 99
Rear suspension	Inspect, lubricate if necessary	page 99
Steering	Ensure free operation	-
Tires	Inspect condition and pressure	page 118
Wheels/fasteners	Inspect, ensure fastener tightness	page 118
Frame nuts, bolts, fasteners	Inspect, ensure tightness	-
Drive Belt	Inspect, ensure installed correctly	-
Driveline	Inspect chain, adjust tension, and lubricate as needed	-
Fuel and oil	Ensure proper levels	page 100
Throttle	Ensure proper operation	page 43
Indicator lights/switches	Ensure proper operation	page 47
Intake pre-filters	Inspect, clean	-
Daytime Running Lights (LED)	Check operation	-
Brake light/tail lamps	Check operation	-
Seat Latch	Push down on the seat back to ensure the latch is secure	-
Seat Belt	Check length of belt for damage, check latches for proper operation	page 38

ITEM	REMARKS	PAGE
Cab Doors (If equipped)	Check doors and latches for wear or damage.	-
Grass and Leaves	Remove grass, leaves, foreign matter, and other flammable material or debris, especially near the exhaust system	-

STARTING THE ENGINE

1. Position the vehicle on a level surface outdoors or in a well ventilated area.
2. Sit in the driver's seat and fasten the seat belt. Secure the cab nets.
3. Place the transmission in NEUTRAL and apply the PARKING BRAKE.
4. Apply the brakes. Do not press the throttle pedal while starting the engine.
5. Turn the ignition key past the ON/RUN position to START. Engage the starter for a maximum of five seconds. Release the key when the engine starts.
6. If the engine does not start within five seconds, return the ignition switch to the OFF position and wait five seconds. Repeat steps 5 and 6 until the engine starts.
7. Vary the engine RPM slightly with the throttle to aid in warm up until the engine idles smoothly.

NOTICE

Operating the vehicle immediately after starting could cause engine damage. Allow the engine to warm up for several minutes before operating the vehicle.

STOPPING THE ENGINE

1. Release the throttle pedal completely and brake to a complete stop.
2. Place the transmission in NEUTRAL and apply the PARKING BRAKE.
3. Turn the engine off.
4. Slowly release the brake pedal and make sure the transmission is in PARK before exiting the vehicle.

⚠ WARNING

A rolling vehicle can cause serious injury. Always place the transmission in PARK when stopping the engine.

COLD WEATHER OPERATION

If the vehicle is used year-round, check the oil level frequently. A rising oil level could indicate the accumulation of contaminates such as water or excess fuel in the bottom of the crankcase. Water in the bottom of the crankcase can lead to engine damage and must be drained. Water accumulation increases as outside temperature decreases.

BRAKING

1. Release the throttle pedal completely.

NOTICE
When the throttle pedal is released completely and engine speed slows to near idle, the vehicle has no engine braking.

2. Press on the brake pedal evenly and firmly. Practice starting and stopping (using the brakes) until you're familiar with the controls.

PARKING THE VEHICLE

1. Stop the vehicle on a level surface. When parking inside a garage or other structure, be sure that the structure is well ventilated and that the vehicle is not close to any source of flame or sparks, including any appliance with pilot lights.
2. Place the transmission in NEUTRAL and apply the PARKING BRAKE.
3. Turn the engine off.
4. Slowly release the brake pedal.
5. Remove the ignition key to prevent unauthorized use.

PARKING ON AN INCLINE

Avoid parking on an incline if possible. If it's unavoidable, follow these precautions:

1. Apply the brakes.
2. Place the transmission in NEUTRAL and apply the PARKING BRAKE.
3. Turn the engine off.
4. Slowly release the brake pedal.
5. Block the rear wheels on the downhill side.

HAULING CARGO

⚠ WARNING

Overloading the vehicle or carrying or towing cargo improperly can alter vehicle handling and may cause loss of control or brake instability. Always follow these precautions when hauling cargo:

- Never exceed the stated load capacity for this vehicle.
- REDUCE SPEED AND ALLOW GREATER DISTANCES FOR BRAKING WHEN HAULING CARGO.
- NEVER EXCEED THE MAXIMUM WEIGHT CAPACITY of the vehicle. When determining the weight you are adding to the vehicle, include the weight of the operator, accessories, and loads in the rack or box. The combined weight of these items must not exceed the maximum weight capacity.
- Always load the cargo box with the load centered and as low as possible.
- When operating over rough or hilly terrain, reduce speed and cargo to maintain stable driving conditions.
- Always operate the vehicle with extreme care when hauling loads.
- SECURE ALL LOADS BEFORE OPERATING. Unsecured loads can create unstable operating conditions, which could result in loss of control of the vehicle.
- OPERATE ONLY WITH STABLE AND SAFELY ARRANGED LOADS. When handling off-centered loads that cannot be centered, securely fasten the load and operate with extra caution.
- HEAVY LOADS CAN CAUSE BRAKING AND CONTROL PROBLEMS. Use extreme caution when applying brakes with a loaded vehicle. Avoid terrain or situations that may require backing downhill.
- USE EXTREME CAUTION when operating with loads that extend over the rack sides. Stability and maneuverability may be adversely affected, causing vehicle rollover.
- Carrying a passenger in the cargo box could result in a fall from the vehicle or contact with moving components. Never allow a passenger to ride in the cargo box.

DRIVING PROCEDURES

NEW OPERATOR DRIVING PROCEDURES

1. Read and understand the owner's manual and all warning and instruction labels before operating this vehicle.
2. Visit the Recreational Off-Highway Vehicle Association® web site and take the free on-line training course. Visit www.rohva.org or call 866-267-2751. Hands-on training is also available through ROHVA®.
3. Perform the pre-ride inspection.
4. Do not carry cargo during this period.
5. Select an open area that allows room to familiarize yourself with vehicle operation and handling.
6. The driver and passenger must wear helmet, eye protection, gloves, long-sleeve shirt, long pants, over-the-ankle boots and seat belt at all times.
7. Sit in the driver's seat and fasten the seat belt.
8. Always make sure all cab nets are closed and latched when riding in this vehicle.
9. Place the transmission in NEUTRAL.
10. Start the engine and disengage the parking brake.
11. Apply the brakes and shift into gear.
12. Check your surroundings and determine your path of travel.
13. Keeping both hands on the steering wheel, slowly release the brakes and depress the throttle with your right foot to begin driving.
14. Drive slowly at first. On level surfaces, practice starting, stopping, turning, maneuvering, using the throttle and brakes and driving in reverse. Learn how the vehicle handles when making both left and right turns at a slow speed.
15. Increase speed only after mastering all maneuvers at a slow speed.
16. After you become skilled at making turns and begin to operate at faster speeds, follow these precautions:
    - Avoid sharp turns.
    - Never turn while applying heavy throttle.
    - Never make abrupt steering maneuvers.
    - Operate at speeds appropriate for your skills, the conditions and the terrain.
    - DO NOT do power slides, “donuts”, jumps or other driving stunts.

DRIVING WITH A PASSENGER

1. Perform the pre-ride inspection.
2. Make sure all passengers are at least 10 years of age and tall enough to comfortably and safely sit in the passenger seat with the seat belt secured, put both feet on the floor and grasp the hand hold.
3. Make sure passenger is wearing helmet, eye protection, gloves, long-sleeve shirt, long pants and over-the-ankle boots.
4. Make sure passenger secures their seat belt.
5. Make sure all cab nets are properly secured.
6. Do not carry more than the recommended number of passengers for your vehicle.
7. Allow a passenger to ride only in a passenger seat.
8. Slow down. Always travel at a speed appropriate for your skills, your passenger's skills, and operating conditions. Avoid unexpected or aggressive maneuvers that could cause discomfort or injury to a passenger.
9. Vehicle handling may change with a passenger and/or cargo on board. Allow more time and distance for braking.
10. Always follow all operating guidelines as outlined on safety labels and in this manual.

DRIVING ON SLIPPERY SURFACES

⚠ WARNING

Skidding or sliding can cause loss of control or rollover (if tires regain traction unexpectedly). When operating on slippery surfaces such as ice or loose gravel, reduce speed and use extra caution to reduce the chance of skidding or sliding out of control. Do not operate on excessively slippery surfaces.

When driving on slippery surfaces such as wet trails, loose gravel, or ice, be alert for the possibility of skidding and sliding. Follow these precautions when encountering slippery conditions:

1. Do not operate on excessively rough, slippery or loose terrain.
2. Slow down before entering slippery areas.
3. Maintain a high level of alertness, reading the trail and avoiding quick, sharp turns, which can cause skids.
4. Correct a skid by turning the steering wheel in the direction of the skid. *Never apply the brakes during a skid.*

DRIVING OVER OBSTACLES

Follow these precautions when operating over obstacles:

- Always check for obstacles before operating in a new area.
- Look ahead and learn to read the terrain. Be constantly alert for hazards such as logs, rocks and low hanging branches.
- Travel slowly and use extra caution when operating on unfamiliar terrain. Not all obstacles are immediately visible.
- Move the gear selector to Low Gear, if needed.
- Avoid operating over large obstacles such as large rocks and fallen trees. If unavoidable, use extreme caution and operate slowly.
- Always have all passengers dismount and move away from the vehicle before operating over an obstacle that could cause a rollover.

DRIVING UPHILL

Whenever traveling uphill, follow these precautions:

1. Avoid excessively steep hills.
2. Always travel straight uphill.
3. Keep both feet on the floor.
4. Always check the terrain carefully before ascending any hill. Never climb hills with excessively slippery or loose surfaces.
5. Proceed at a steady rate of speed and throttle opening. Never open the throttle suddenly.
6. Never go over the crest of a hill at high speed. An obstacle, a sharp drop, or another vehicle or person could be on the other side of the hill.

DRIVING DOWNHILL

When driving downhill, follow these precautions:

1. Avoid excessively steep hills.
2. Always descend a hill with the direction selector switch on forward. Never descend a hill with the switch on neutral.
3. Drive straight downhill. Avoid descending a hill at an angle, which would cause the vehicle to lean sharply to one side. Travel straight downhill when possible.
4. Slow down.
5. Apply the brakes slightly to aid in slowing.

DRIVING ON A SIDEHILL (SIDEHILLING)

Driving on a sidehill is not recommended. Improper procedure could cause loss of control or rollover. Avoid crossing the side of any hill unless absolutely necessary.

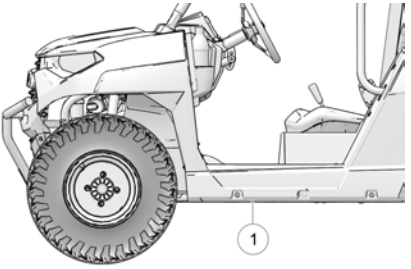
If crossing a sidehill is unavoidable, follow these precautions:

1. Slow down.
2. Exercise extreme caution.
3. Avoid crossing the side of a steep hill.

DRIVING THROUGH WATER

Your vehicle can drive through shallow water. Make sure the water is no deeper than the floor of the vehicle. Follow these precautions when driving through water:

1. Check water depth. Never drive through water that is deeper than the floor level.
2. After driving through water, test the brakes. Apply the lightly several times while driving slowly. The Friction will help dry out the pads.



NOTE

Major engine damage can result if the vehicle is not thoroughly inspected after operation in water. Perform the services outlined in the maintenance chart. Give special attention to engine oil, transmission oil, and all grease fittings.If your vehicle becomes immersed or is operated in water that exceeds the floor level, service is required before starting the engine. Your Polaris dealer can provide this service. If it's impossible to bring the vehicle in before starting the engine, perform the services outlined on page 117, and take the vehicle in for service at the first opportunity.

DRIVING IN REVERSE

Follow these precautions when operating in reverse:

- Always check for obstacles or people behind the vehicle. Always inspect left and right fields of vision before backing.
- Always avoid backing downhill.
- Back slowly.
- Apply the brakes lightly for stopping.
- Avoid turning at sharp angles.
- Never open the throttle suddenly.

EMISSION CONTROL SYSTEMS

NOISE EMISSION CONTROL SYSTEM

Do not modify the engine, intake or exhaust components, as doing so may affect compliance with U.S.A. EPA noise control requirements (40 CFR 205) and local noise level requirements.

OPERATION ON PUBLIC LANDS IN THE U.S.A.

Your vehicle has a spark arrester that was tested and qualified to be in accordance with the USFS standard 5100-1a. Federal law requires that this spark arrester be installed and functional when the vehicle is operated on public lands.

Operation of off-road vehicles on public lands in the U.S.A. is regulated by 43 CFR 420. Violations are subject to monetary penalties. Federal regulations can be viewed online at *https://ecfr.federalregister.gov/current/title-43/subtitle-B/chapter-I/part-420*.

CRANKCASE EMISSION CONTROL SYSTEM

This engine is equipped with a closed crankcase system. Blow-by gases are forced back to the combustion chamber by the intake system. All exhaust gases exit through the exhaust system.

EXHAUST EMISSION CONTROL SYSTEM

Exhaust emissions are controlled by engine design. An electronic fuel injection (EFI) system controls fuel delivery. The engine and EFI components are set at the factory for optimal performance and are not adjustable.

The emissions label is located on the inside of the lower left frame tube (below driver's foot area).

ELECTROMAGNETIC INTERFERENCE

This spark ignition system complies with Canadian ICES-002.

This vehicle complies with the EMC requirements of UN ECE Regulation 10.

Non-ionizing Radiation: This vehicle emits some electromagnetic energy. People with active or non-active implantable medical devices (such as heart monitoring or controlling devices) should review the limitations of their device and the applicable electromagnetic standards and directives that apply to this vehicle.

EUROPEAN VIBRATION AND NOISE

The driver-perceived noise and hand/arm and whole body vibration levels of this machinery is measured per EN 15997.

NOISE LEVELS	
A - Weighted Sound Pressure at Rider's Ear	76 dB(A)
C - Weighted Sound Pressure Level	101 dB(A)
A - Weighted Sound Power Level	N/A

VIBRATION LEVELS	
Weighted Hand-arm Vibration Level	1,9 m/s2
Weighted Seat Vibration Level	0,3 m/s2

POLLUTANT EMISSIONS

Engine exempt from NRMM pollutant emissions Regulation (EU) 2016/1628.

Engine used in reduced-scale vehicle model for recreational purposes, net power < 19 kW.

MAINTENANCE

PERIODIC MAINTENANCE

Any qualified repair shop or person may maintain, replace or repair the emission control devices or systems on your vehicle. An authorized POLARIS dealer can perform any service that may be necessary for your vehicle. POLARIS also recommends POLARIS parts for emissions-related service, however equivalent parts can be used.

It is a potential violation of the Clean Air Act if a part supplied by an aftermarket parts manufacturer reduces the effectiveness of the vehicle's emission controls. Tampering with emission controls is prohibited by federal law.

Owners are responsible for performing the scheduled maintenance identified in this owner's manual.

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

Inspect, clean, lubricate, adjust and replace parts as necessary. When inspection reveals the need for replacement parts, genuine POLARIS parts are available from your POLARIS dealer. Equivalent parts may be used for emissions-related service.

Service and adjustments are important for proper vehicle operation. If you're not familiar with safe service and adjustment procedures, a qualified dealer can perform these operations.

Pay special attention to the oil level. A rise in oil level during cold weather can indicate contaminants collecting in the oil sump or crankcase. Change oil immediately if the oil level begins to rise. Monitor the oil level, and if it continues to rise, discontinue use and determine the cause. Your dealer can assist.

Vehicles subjected to severe use must be serviced at 50% of the stated interval. Examples of Severe Use: Frequent immersion in mud, water, or sand, constant high RPM use, prolonged low-speed heavy load operation, extended idle, and short trip cold weather operation.

MAINTENANCE INTERVALS

NOTICE
The maintenance interval charts outline required maintenance and inspection based on estimated vehicle engine hours / miles. Each table states the number of hours / miles that service is required on the vehicle. Some items or components may need to be serviced more often due to severe use, such as operation in water or under severe loads. When the vehicle goes beyond 400 hours, return to the 25 hours chart and start the interval process over.

5 HOUR / BREAK-IN SERVICE

ITEM		REMARKS
▸	Engine Oil Change (Break-in)	Perform a break-in oil change at one month
	Drive Chain (Break-in)	Adjust and lubricate
▸ ■	Brake pad wear (Break-in)	Inspect periodically

10 HOUR / 100 MILE (160 KM) SERVICE

ITEM		REMARKS
■	Valve Clearance (Break-in)	Valve lash adjustment: Every 50 hours after first 10-hour adjustment

25 HOUR / 250 MILE (400 KM) SERVICE

ITEM		REMARKS
	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	

50 HOUR / 500 MILE (800 KM) SERVICE

ITEM		REMARKS
▸	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	
■	Valve Clearance	Valve lash adjustment
▸	General Lubrication	Lubricate all fittings, pivots, cables, etc.
	Shift Linkage	Inspect, lubricate, adjust
■	Steering	Lubricate
▸	Front Suspension	Lubricate
▸	Rear Suspension	Lubricate
	Throttle Body Intake Duct	Inspect duct for proper sealing/air leaks

▸ Perform these procedures more often for vehicles subjected to severe use.

■ Have an authorized Polaris dealer perform these services.

75 HOUR / 750 MILE (1200 KM) SERVICE

ITEM		REMARKS
	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	

100 HOUR / 1000 MILE (1600 KM) SERVICE

ITEM		REMARKS
	Battery	Check terminals; clean; test
▸	Transmission Oil	Change transmission fluid; or change before storage
▸	Engine Oil Change	
■	Valve Clearance	Valve lash adjustment
▸	General Lubrication	Lubricate all fittings, pivots, cables, etc.
	Shift Linkage	Inspect, lubricate, adjust
■	Steering	Lubricate
▸	Front Suspension	Lubricate
▸	Rear Suspension	Lubricate
	Throttle Body Intake Duct	Inspect duct for proper sealing/air leaks
■	Fuel System / Filter	Cycle key to pressurize fuel pump; check for leaks at fill cap, fuel lines/rail and fuel pump
▸	Spark Plug	Inspect; replace as needed
▸	Engine Mounts	Inspect
	Exhaust Muffler / Pipe	Inspect
▸	Wiring	Inspect for wear, routing, security; apply dielectric grease to connectors subjected to water, mud, etc.
■	Clutches (Drive and Driven)	Inspect; clean; replace worn parts
	Drive belt	Inspect; replace as needed
■	Front wheel bearings	Inspect; replace as needed

125 HOUR / 1250 MILE (2000 KM) SERVICE

ITEM		REMARKS
	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	

▸ Perform these procedures more often for vehicles subjected to severe use.

■ Have an authorized Polaris dealer perform these services.

150 HOUR / 1500 MILE (2400 KM) SERVICE

ITEM		REMARKS
▸	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	
■	Valve Clearance	Valve lash adjustment
▸	General Lubrication	Lubricate all fittings, pivots, cables, etc.
	Shift Linkage	Inspect, lubricate, adjust
■	Steering	Lubricate
▸	Front Suspension	Lubricate
▸	Rear Suspension	Lubricate
	Throttle Body Intake Duct	Inspect duct for proper sealing/air leaks

175 HOUR / 1750 MILE (2800 KM) SERVICE

ITEM		REMARKS
	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	

200 HOUR / 2000 MILE (3200 KM) SERVICE

ITEM		REMARKS
	Battery	Check terminals; clean; test
▸	Transmission Oil	Change transmission fluid; or change before storage
▸	Engine Oil Change	
■	Valve Clearance	Valve lash adjustment
▸	General Lubrication	Lubricate all fittings, pivots, cables, etc.
	Shift Linkage	Inspect, lubricate, adjust
■	Steering	Lubricate
▸	Front Suspension	Lubricate
▸	Rear Suspension	Lubricate
	Throttle Body Intake Duct	Inspect duct for proper sealing/air leaks

	BATTERY	CHECK TERMINALS; CLEAN; TEST
■	Fuel System / Filter	Cycle key to pressurize fuel pump; check for leaks at fill cap, fuel lines/rail and fuel pump
▸	Spark Plug	Inspect; replace as needed
▸	Engine Mounts	Inspect
	Exhaust Muffler / Pipe	Inspect
▸	Wiring	Inspect for wear, routing, security; apply dielectric grease to connectors subjected to water, mud, etc.
■	Clutches (Drive and Driven)	Inspect; clean; replace worn parts
	Drive belt	Inspect; replace as needed
■	Front wheel bearings	Inspect; replace as needed
■	Brake fluid	Change every two years

▸ Perform these procedures more often for vehicles subjected to severe use.

■ Have an authorized Polaris dealer perform these services.

225 HOUR / 2250 MILE (3600 KM) SERVICE

ITEM		REMARKS
	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	

250 HOUR / 2500 MILE (4000 KM) SERVICE

ITEM		REMARKS
▸	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	
■	Valve Clearance	Valve lash adjustment
▸	General Lubrication	Lubricate all fittings, pivots, cables, etc.
	Shift Linkage	Inspect, lubricate, adjust
■	Steering	Lubricate
▸	Front Suspension	Lubricate

▸	FUEL SYSTEM	INSPECT; CYCLE KEY TO PRESSURIZE FUEL PUMP; CHECK LINES AND FITTINGS FOR LEAKS AND ABRASION
▸	Rear Suspension	Lubricate
	Throttle Body Intake Duct	Inspect duct for proper sealing/air leaks

275 HOUR / 2750 MILE (4400 KM) SERVICE

ITEM		REMARKS
	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	

▸ Perform these procedures more often for vehicles subjected to severe use.

■ Have an authorized Polaris dealer perform these services.

300 HOUR / 3000 MILE (4800 KM) SERVICE

ITEM		REMARKS
	Battery	Check terminals; clean; test
►	Transmission Oil	Change transmission fluid; or change before storage
►	Engine Oil Change	
■	Valve Clearance	Valve lash adjustment
►	General Lubrication	Lubricate all fittings, pivots, cables, etc.
	Shift Linkage	Inspect, lubricate, adjust
■	Steering	Lubricate
►	Front Suspension	Lubricate
►	Rear Suspension	Lubricate
	Throttle Body Intake Duct	Inspect duct for proper sealing/air leaks
■	Fuel System / Filter	Cycle key to pressurize fuel pump; check for leaks at fill cap, fuel lines/rail and fuel pump
►	Spark Plug	Inspect; replace as needed
►	Engine Mounts	Inspect
	Exhaust Muffler / Pipe	Inspect
►	Wiring	Inspect for wear, routing, security; apply dielectric grease to connectors subjected to water, mud, etc.
■	Clutches (Drive and Driven)	Inspect; clean; replace worn parts
	Drive belt	Inspect; replace as needed
■	Front wheel bearings	Inspect; replace as needed
	Spark Arrester	Clean out

325 HOUR / 3250 MILE (5200 KM) SERVICE

ITEM		REMARKS
	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
►	Engine Oil Change	

350 HOUR / 3500 MILE (5600 KM) SERVICE

ITEM		REMARKS
▸	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	
■	Valve Clearance	Valve lash adjustment
▸	General Lubrication	Lubricate all fittings, pivots, cables, etc.
	Shift Linkage	Inspect, lubricate, adjust
■	Steering	Lubricate
▸	Front Suspension	Lubricate
▸	Rear Suspension	Lubricate
	Throttle Body Intake Duct	Inspect duct for proper sealing/air leaks

▸ Perform these procedures more often for vehicles subjected to severe use.

■ Have an authorized Polaris dealer perform these services.

375 HOUR / 3750 MILE (6000 KM) SERVICE

ITEM		REMARKS
	Fuel System	Inspect; cycle key to pressurize fuel pump; check lines and fittings for leaks and abrasion
	Battery	Check terminals; clean; test
▸	Engine Oil Change	

400 HOUR / 4000 MILE (6400 KM) SERVICE

ITEM		REMARKS
	Battery	Check terminals; clean; test
▸	Transmission Oil	Change transmission fluid; or change before storage
▸	Engine Oil Change	
■	Valve Clearance	Valve lash adjustment
▸	General Lubrication	Lubricate all fittings, pivots, cables, etc.
	Shift Linkage	Inspect, lubricate, adjust
■	Steering	Lubricate
▸	Front Suspension	Lubricate

	BATTERY	CHECK TERMINALS; CLEAN; TEST
▸	Rear Suspension	Lubricate
	Throttle Body Intake Duct	Inspect duct for proper sealing/air leaks
■	Fuel System / Filter	Cycle key to pressurize fuel pump; check for leaks at fill cap, fuel lines/rail and fuel pump
▸	Spark Plug	Inspect; replace as needed
▸	Engine Mounts	Inspect
	Exhaust Muffler / Pipe	Inspect
▸	Wiring	Inspect for wear, routing, security; apply dielectric grease to connectors subjected to water, mud, etc.
■	Clutches (Drive and Driven)	Inspect; clean; replace worn parts
	Drive belt	Inspect; replace as needed
■	Front wheel bearings	Inspect; replace as needed
■	Brake fluid	Change every two years

▸ Perform these procedures more often for vehicles subjected to severe use.

■ Have an authorized Polaris dealer perform these services.

LUBRICATION RECOMMENDATIONS

Check and lubricate all components at the intervals outlined in the Periodic Maintenance Chart beginning on page , or more often under severe use, such as wet or dusty conditions. Items not listed in the chart should be lubricated at the general lubrication interval.

	ITEM	LUBE	METHOD
	Engine Oil	PS-4 5W-50 4-Cycle Oil	See page 100
	Brake Fluid	DOT 4 Brake Fluid	See page 113
	Transmission Oil (Main Gearcase)	AGL Gearcase Lubricant & Transmission Fluid	See page 102
	Drive Chain	POLARIS Chain Lube or SAE 80/90	See page 104
	A-Arm Pivots	POLARIS All Season Grease or grease conforming to NLGI No. 2 Grease at general lubrication interval, also after washing vehicle or driving in water.	
XU	Steering Arm Pivots		

XU Perform these procedures more often for vehicles subjected to severe use.

ENGINE OIL

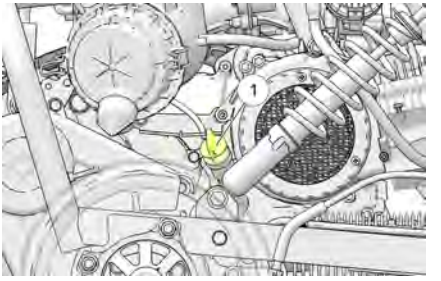
OIL RECOMMENDATIONS

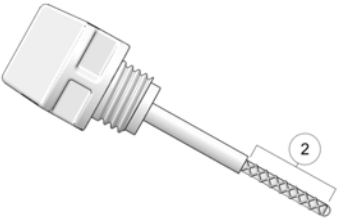
Always check and change the engine oil at the intervals outlined in the Periodic Maintenance Chart beginning on page . POLARIS recommends the use of POLARIS PS-4 5W-50 4-Cycle Oil for this vehicle. Oil may need to be changed more frequently if POLARIS oil is not used. Do not use automotive oil. See page 135 for the part numbers of POLARIS products.

NOTICE
Mixing brands or using a non-recommended oil may cause serious engine damage. Always use the recommended oil. Never substitute or mix oil brands.

OIL CHECK

Maintain the oil level within the safe range on the dipstick. Do not overfill.





1. Position the vehicle on a level surface.
2. Remove the dipstick ①. Wipe it dry with a clean cloth.
3. Reinstall the dipstick completely.
4. Remove the dipstick and check if oil level is within safe range ②.

TIP
A rising oil level between checks in cool weather driving can indicate contaminants such as gas or moisture collecting in the crankcase. If the oil level is over the full/safe mark, change the oil immediately.

5. Add the recommended oil as needed.
6. Reinstall the dipstick.

OIL CHANGE

1. Position the vehicle on a level surface. Set the parking brake.
2. Clean the area around the pre-filter plug.
3. Start the engine. Allow it to idle for two to three minutes.
4. Stop the engine.

⚠ WARNING

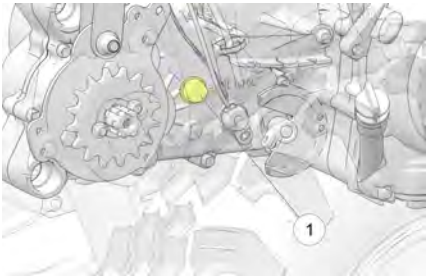
Hot oil can cause burns to skin. Do not allow hot oil to contact skin.

5. Place a drain pan under the engine crankcase.
6. Remove the pre-filter plug. Allow the oil to drain completely.
7. Wash the oil pre-filter screen with solvent to remove debris. Allow the screen to air dry.
8. Clean the pre-filter plug. Install a new sealing washer on the plug. The sealing surfaces on the plug and crankcase should be clean and free of burrs, nicks or scratches.
9. Reassemble the pre-filter screen and spring to the pre-filter plug.
10. Reinstall the pre-filter drain plug. Torque to 11 ft. lbs. (15 Nm).
11. Remove the dipstick. Add 37 oz. (1.1 liters) of the recommended oil. Do not overfill. See the specifications section for capacities.
12. Reinstall the dipstick.
13. Start the engine. Allow it to idle for one to two minutes.
14. Stop the engine and inspect for leaks.
15. Check the oil level. Add oil as needed to bring the level to the upper mark on the dipstick.
16. Dispose of used oil properly.

TRANSMISSION

TRANSMISSION OIL LEVEL CHECK

NOTICE
Maximum transmission fluid volume cannot exceed 25 oz (750 mL). The fill / check method is fill to spill. Follow Fluid Change Procedure to verify transmission is filled with fluid

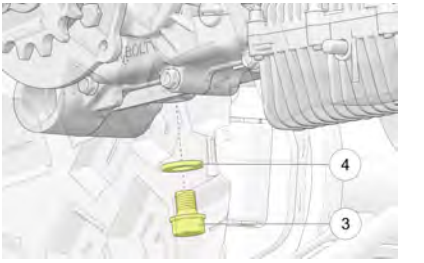


Always check and change the fluid at the intervals outlined in the Periodic Maintenance Interval Chart. Polaris recommends the use of AGL Gearcase Lubricant and Transmission Fluid for this vehicle.

The fill plug ① and sealing washer ② can be accessed on the right side of the transmission gearcase.

TRANSMISSION OIL CHANGE

NOTE
Maximum transmission fluid volume cannot exceed 25 oz (750 mL). The fill / check method is fill to spill. Follow Fluid Change Procedure to verify transmission is filled with fluid.



Always change the fluid at the intervals outlined in the Periodic Maintenance Interval Chart. Polaris recommends the use of AGL Gearcase Lubricant and Transmission Fluid for this vehicle.

The fill plug ① is located on the side of the transmission gearcase. Access the fill plug on the right-hand side of the gearcase. The drain plug ② is located on the bottom of the transmission gearcase. Access the drain plug from the bottom of the vehicle.

To change the transmission fluid, do the following:

1. Remove the fill plug ① and sealing washer ②.
2. Place a drain pan under the transmission drain plug.
3. Remove drain plug ③ and sealing washer ④ from the bottom of the gearcase and allow lubricant to drain completely.
4. Clean the drain plug magnetic surface.
5. Reinstall the drain plug and washer. Torque to specification.

TORQUE
Transmission Drain Plug: **14 ft-lbs (19 N·m)**

6. Add the recommended amount of lubricant through the fill plug hole ① or fill-to-spill.

FLUID CAPACITY
Recommended Transmission Lubricant: Polaris AGL **Capacity:** 25 oz (750 mL)

7. Reinstall the fill plug and washer. Torque to specification.

TORQUE
Transmission Fill Plug: **14 ft-lbs (19 N·m)**

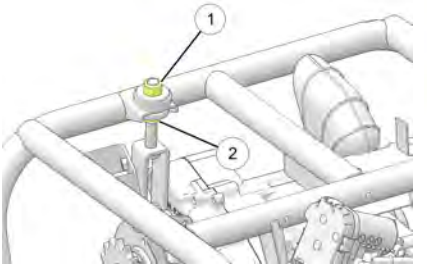
8. Check for leaks. Dispose of used lubricant properly.

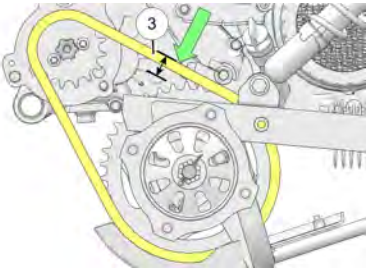
DRIVE CHAIN LUBRICATION AND ADJUSTMENT

Lubricate the drive chain with Polaris chain spray lube or an approved chain lube at the interval specified in the Periodic Maintenance Chart. Lubricate more often under severe use, such as in dirty or wet conditions.

IMPORTANT

Washing the drive chain with a high pressure washer or solvents can cause premature wear and chain failure. Do not use a high pressure washer or gasoline to clean the drive chain. Operating the vehicle with improper rear drive chain deflection can result in severe damage to the transmission and drive components. Always make sure the chain adjusted within the stated specifications.





1. Loosen upper nut ① on the chain tensioner bracket.
2. Turn lower nut ② clockwise in 1/2 turn increments, then turn upper nut until tight. Follow this procedure until chain is at proper tension. To check for proper tension, press the down on the middle of the chain with thumb using 22 lbs (100N) of force. Chain deflection ③ should be within specification.

MEASUREMENT

Chain Deflection:
Using 22 lbs (100N) of force
New Chain: **3/16 - 13/32" (5 - 10 mm)**
Broken In Chain: **13/32 - 19/32" (10 - 15 mm)**

NOTE

A new chain will stretch after the vehicle is used for a period of time.

3. Repeat these steps until chain is adjusted to desired deflection.

PARKING BRAKE

PARKING BRAKE CABLE FREEPLAY ADJUSTMENT

1. Inspect and perform any needed service on the brake pads before adjusting parking brake cable freeplay.
2. Make sure the parking brake is NOT set (the lever should be in the DOWN position).
3. Pull the brake cable back to inspect freeplay between the cable end and the caliper bracket. Freeplay should be 1/16" - 1/8" (1.5-3 mm).
4. To adjust freeplay, loosen the jam nut. Turn the in-line adjuster nut outward to decrease freeplay. Turn the adjuster nut inward to increase freeplay.
5. Tighten the jam nut against the adjuster nut.

PARKING BRAKE ADJUSTMENT

1. Inspect and perform any needed service on the brake pads before adjusting the parking brake.
2. Position the vehicle on a level surface. Place the transmission in neutral.
3. Carefully elevate the rear of the vehicle slightly. Use an appropriate lift.

4. Loosen the jam nut on the parking brake adjustment bolt ①.
5. While rotating the rear wheels by hand, tighten the adjustment bolt until significant brake drag is detected. Then back the adjustment bolt out 1/4 turn.
6. Hold the adjustment bolt in place and tighten the jam nut securely against the lever arm.
7. Check parking brake lever movement. Verify that the rear wheels rotate freely with the parking brake off (lever in DOWN position) and that the vehicle will not move when the parking brake is applied (lever in UP position).
8. Verify that the park brake lever stays in the UP position when the brake is fully applied.

SPARK PLUG

SPARK PLUG GAP/TORQUE

Electrode Gap	New Plug Torque	Used Plug Torque
0.6-0.7 mm	9-11 ft. lbs. (12-15 Nm)	17-20 ft. lbs. (23-27 Nm)

NOTICE

Spark plug condition is indicative of engine operation. The spark plug firing end condition should be read after the engine is warmed up and the vehicle is driven at higher speeds. Immediately check the spark plug for correct color.

WARNING

A hot exhaust system and engine can cause burns. Wear protective gloves when removing a spark plug for inspection.

SPARK PLUG CONDITION

Normal Plug

The normal insulator tip is gray, tan or light brown. There will be few combustion deposits. The electrodes are not burned or eroded. This indicates the proper type and heat range for the engine and the service.

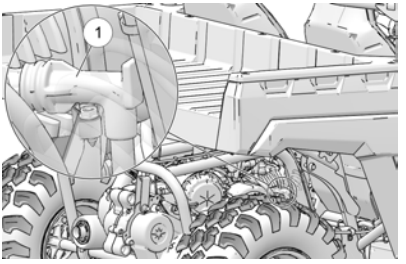
TIP

The tip should not be white. A white insulator tip indicates overheating, caused by use of an improper spark plug or incorrect throttle body adjustments.

Wet Fouled Plug

The wet fouled insulator tip is black. A damp oil film covers the firing end. There may be a carbon layer over the entire nose. Generally, the electrodes are not worn. General causes of fouling are excessive oil, use of non-recommended injection oil or incorrect throttle body adjustments.

SPARK PLUG REMOVAL AND REPLACEMENT



1. Remove the spark plug cap ①.
2. Using the spark plug wrench provided in the tool kit, remove the plug by rotating it counter-clockwise.
3. Reverse the procedure for spark plug installation. Torque to specification.

CONSTANT VARIABLE TRANSMISSION (CVT) SYSTEM

⚠ WARNING

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

Do not modify any component of the CVT system. Doing so may reduce its strength so that a failure may occur at a high speed. The CVT system has been precision balanced. Any modification will cause the system to be out of balance, creating vibration and additional loads on components.

- Always follow all recommended maintenance procedures. See your POLARIS dealer, or other qualified person, for service and repair assistance.
- This CVT system is intended for use on POLARIS products only. Do not install it in any other product.
- Always make sure the CVT housing is securely in place during operation.

CVT DRYING

NOTE

After operating in water, the vehicle's CVT system should be checked immediately. Use the following instructions to dry it out before operating.

1. Shift the transmission to neutral. Set the parking brake.
2. Start the engine. Apply varying throttle for 10-15 seconds to expel the moisture and air-dry the belt and clutches.

NOTE

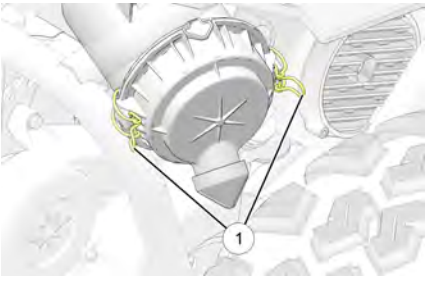
Do not hold the throttle pedal wide open for more than 5 seconds.

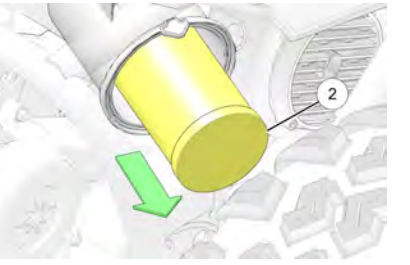
3. Allow the engine RPM to return to idle, then shift the transmission into gear.
4. Test the CVT system for belt slippage. If the belt slips, repeat the process or remove the outer clutch cover to inspect the CVT system.

NOTE
If the vehicle has ingested a large amount of water into the CVT system and has not been operated for a period of time, be sure to check the CVT system components for water damage.

AIR FILTER

Inspect the air filter at the intervals outlined in the Periodic Maintenance Chart. In extremely dusty conditions, air filter replacement will be required more often. Access the air box near the right rear wheel.





1. Disengage the two cover latches ①.
2. Unlatch the cover and carefully remove it from the air box.
3. Remove the filter ②.
4. Inspect the air box for oil or water deposits. Wipe away any deposits with a clean shop 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 attempt to 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.

SPARK ARRESTOR

⚠ WARNING

Failure to heed the following warnings while servicing the spark arrestor could result in serious injury or death.

- Do not perform service on the spark arrester while the system is hot. Allow components to cool sufficiently before proceeding.
- Wear eye protection and gloves.
- Never operate without the spark arrestor.
- Never run the engine in an enclosed area. Exhaust contains poisonous carbon monoxide gas.

To remove accumulated carbon, clean the spark arrestor at the intervals recommended in the Periodic Maintenance Chart beginning on page .

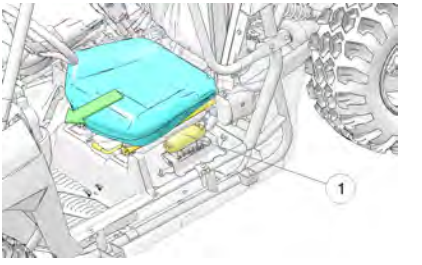
1. Remove the bolt and remove the arrestor ① from the end of the muffler.
2. Use a non-synthetic brush to clean the arrestor screen. A synthetic brush may melt if components are warm. If necessary, blow debris from the screen with compressed air.
3. Inspect the screen for wear and damage. Replace the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

NOTICE

Spark Arrestor Bolt
4.1 ft-lbs (5.5 N·m)

FUSE REPLACEMENT

If the engine stops or will not start, or if you experience other electrical failures, a fuse may need replacement. Locate and correct any short circuits that may have caused the blown fuse, then replace the fuse. Spare fuses are provided in the tool kit. To replace a fuse, do the following:



1. Using the handle at the front of the driver's seat, slide the seat all the way forward to expose the fuse box.
2. Remove fuse box cover ①.
3. Remove the suspect fuse from the fuse panel. If the fuse is blown, install a new fuse with the same amperage.
4. Secure the fuse box cover.
5. Slide seat back and ensure it locks into place.

BATT. TENDER 10A	EFI RELAY	FUEL PUMP RELAY		
BRAKE LT. 10A	LIGHTS 10A	SPARE 10A		
MAIN FUSE 20A		SPARE 15A	SPARE 20A	

BRAKES

The front and rear brakes are hydraulic disc type brakes activated by the brake pedal.

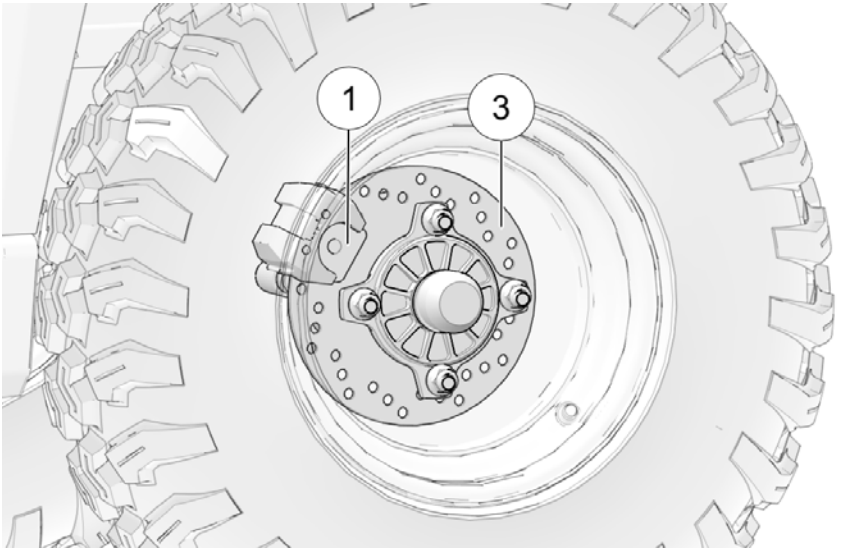
Always check brake pedal travel and the brake fluid reservoir level before each use of the vehicle. When applied, the brake pedal should feel firm. Any sponginess would indicate a possible fluid leak or low brake fluid level, which must be corrected before riding.

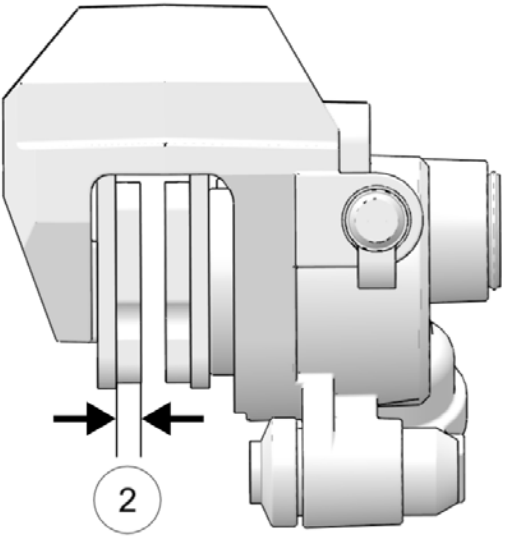
If you discover any irregularities in brake system operation, including excessive pedal travel, contact your dealer for proper diagnosis and repairs.

WARNING

Operating the vehicle with a spongy brake pedal can result in loss of braking, which could cause an accident resulting in severe injury or death. Never operate the vehicle with a spongy-feeling brake pedal.

BRAKE INSPECTION





1. Check the brake system for fluid leaks.
2. Check the brake pedal for excessive travel or a spongy feel.
3. Check the brake pads ① for wear, damage and looseness.
4. Inspect the brake pad wear surface for excessive wear.
5. Change pads when the friction material is worn to .04" (1 mm) ②.
6. Check the surface condition of the brake discs ③. Measure the thickness. Replace a disc if the thickness is less than .170” (4.32 mm).
7. Check brake system hoses and fittings for cracks, deterioration, abrasion and leaks. Tighten any loose fittings and replace any worn or damaged parts.

BRAKE FLUID

Inspect the level of the brake fluid before each operation. If the fluid level is low add DOT 4 brake fluid only. See page 135 for the part numbers of POLARIS products.

WARNING

After opening a bottle of brake fluid, always discard any unused portion. Never store or use a partial bottle. Brake fluid is hygroscopic, meaning it rapidly absorbs moisture from the air. The moisture causes the boiling temperature of the brake fluid to drop, which can lead to early brake fade and the possibility of accident or severe injury.

Change the brake fluid every two years and any time the fluid becomes contaminated, the fluid level is below the minimum, or if the type and brand of the fluid in the reservoir are unknown. Access the brake fluid reservoir through the left front wheel well.

1. Position the vehicle on a level surface.
2. Place the transmission in neutral. Set the parking brake.
3. View the brake fluid level in the reservoir ①. The level should be between the maximum ② and minimum ③ level lines. Add brake fluid as needed.
4. Apply the brake forcefully for a few seconds and check for fluid leakage around the fittings.

STEERING WHEEL INSPECTION

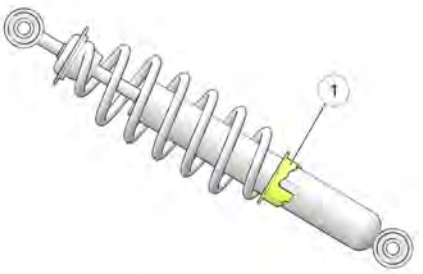
Check the steering wheel for specified freeplay and smooth operation at the intervals outlined in the Periodic Maintenance Chart.

1. Position the vehicle on level ground.
2. Lightly turn the steering wheel left and right.
3. There should be 0.8"-1.0" (20-25 mm) of freeplay.
4. If there is excessive freeplay or strange noises, or the steering feels rough or "catchy," have the steering system inspected by an authorized POLARIS dealer or other qualified service facility before operating the vehicle.

SHOCK SPRING ADJUSTMENT

WARNING

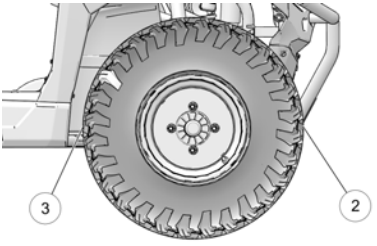
Uneven adjustment may cause poor handling of the vehicle, which could result in an accident. Always adjust both the left and right spring preloads equally or have your POLARIS dealer perform the adjustments.



The front and rear shock absorber springs are adjustable to increase or decrease spring tension. Rotate the adjuster ① either clockwise or counter-clockwise to make adjustments.

Always apply the same adjustment setting to *all four wheels*.

WHEEL TOE ALIGNMENT



1. Place machine on a smooth level surface and set steering wheel in a straight ahead position. Secure the steering wheel in this position.
2. Place a chalk mark on the center line of the front tires approximately 10″ (25.4 cm) from the floor or as close to the hub/axle center line as possible ①.

NOTE

It is important the height of both marks be equally positioned to get an accurate measurement.

3. Measure the distance between the marks and record the measurement. Call this measurement “2”.

4. Rotate the tires 180° by moving the vehicle forward. Position chalk marks facing rearward, even with the hub/axle center line.
5. Again measure the distance between the marks and record. Call this measurement “3”. Subtract measurement “3” from measurement “2”. The difference between measurements “2” and “3” is the vehicle toe alignment. The recommended vehicle toe tolerance is 0 to 1/8” (0 to 3.2 mm) toe out. This means the measurement at the front of the tire ② is 0 to 1/8” (0 to 3.2 mm) wider than the measurement at the rear ③.

MEASUREMENT
Wheel Toe-Out: **0 to 1/8" (0 to 3.2 mm)**

If toe alignment is incorrect, repeat steps 3-5 of “Wheel Toe Alignment Inspection”, but instead measure the distance between each wheel and the vehicle center. This will tell you which tie rod needs adjusting.

NOTE
Be sure steering wheel is straight ahead before determining which tie rod needs adjustment.

⚠ CAUTION
During tie rod adjustment, it is very important that the following precautions be taken when tightening tie rod end jam nuts. If the rod end is positioned incorrectly it will not pivot, and may break.

WHEEL TOE ALIGNMENT

1. Hold tie rod end to keep it from rotating.
2. Loosen jam nuts at both end of the tie rod.

3. Shorten or lengthen the tie rod until alignment is as required to achieve the proper toe setting as specified in above.

IMPORTANT
When tightening the tie rod end jam nuts, the rod ends must be held parallel to prevent rod end damage and premature wear. Damage may not be immediately apparent if done incorrectly.

4. After alignment is complete, torque jam nuts to specification.

TORQUE
Tie Rod Jam Nut: **13 ft-lbs (18 N·m)**

VEHICLE IMMERSION

NOTICE
If your vehicle becomes immersed, major engine damage can result if the machine is not thoroughly inspected. Take the vehicle in for service before starting the engine. Your POLARIS dealer can provide this service.

If it's impossible to take your vehicle to a dealer before starting it, follow the steps outlined below.

1. Move the vehicle to dry land.
2. Check the air box. If water is present, dry the air box and replace the filter with a new filter. Thoroughly dry the air pre-filter..
3. Remove the air box drain plug to drain any water. Reinstall the drain plug securely.
4. Remove the spark plug.
5. Turn the engine over several times using the electric start.
6. Dry the spark plug and reinstall it, or install a new plug.
7. Attempt to start the engine. If necessary, repeat the drying procedure.
8. Take the vehicle in for service as soon as possible, whether you succeed in starting it or not. Your POLARIS dealer can provide the required service.
9. If water has been ingested into the transmission follow the procedure in the Constant Variable Transmission (CVT) System section for details on drying.

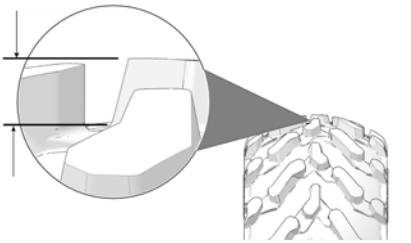
TIRES

WARNING

Operating your ATV with worn tires, improperly inflated tires, non-standard tires or improperly installed tires will affect vehicle handling and could cause an accident resulting in serious injury or death. Tires age, even if they have not been used or have only been used occasionally. Cracking of the tread and sidewall rubber, sometimes accompanied by carcass deformation, is evidence of aging. Old and aged tires must be checked by tire specialists to ascertain their suitability for further use. Always follow all tire maintenance procedures as outlined in this manual and on the labels on the vehicle. Always use original equipment size and type when replacing tires.

TIRE TREAD DEPTH

Always replace tires when tread depth is worn to 3 mm (1/8”) or less.



WHEEL REMOVAL

1. Position the vehicle on a level surface.
2. Apply the parking brake and stop the engine.
3. Loosen the wheel nuts slightly. If wheel hub removal is required, remove the wheel cap, cotter pin and loosen the hub nut slightly.
4. Elevate the appropriate side of the vehicle by placing a suitable stand under the frame.
5. Remove the wheel nuts ① and remove the wheel.

WHEEL INSTALLATION

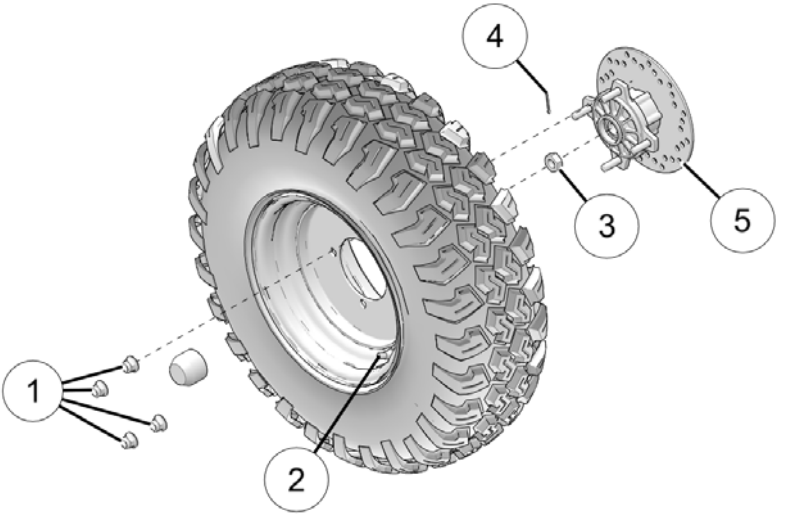
⚠ WARNING

Improperly installed wheels can adversely affect tire wear and vehicle handling, which can result in serious injury or death. Always ensure that all nuts are torqued to specification. Do not service axle nuts that have a cotter pin installed. Your dealer can assist.

1. Verify the parking brake is still applied.
2. Place the wheel in the correct position on the wheel hub ⑤. Be sure the valve stem ② is toward the outside and rotation arrows on the tire point toward forward rotation.
3. Install the wheel nuts ① and finger tighten.
4. Carefully lower the vehicle to the ground.
5. Torque the wheel nuts and/or hub nut ③ to the proper torque specification.

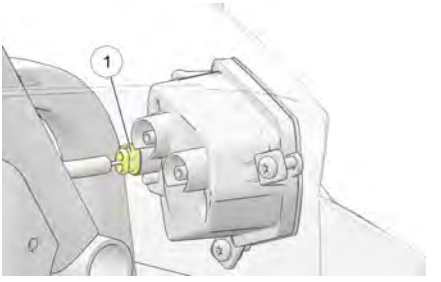
TORQUE
Wheel Lug Nuts: **30 ft-lbs (41 N·m)** Hub Castle Nuts: **Front: 60 ft-lbs (81 N·m)** **Rear: 85 ft-lbs (115 N·m)**

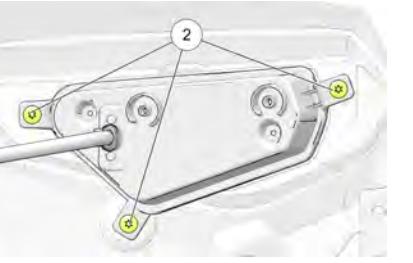
6. If hub nut was removed, install a new cotter pin after the hub nut has been tightened. If the holes do not line up, turn the hub nut until the cotter pin ④ can be installed.



LIGHTS

DAYTIME RUNNING LIGHT REPLACEMENT





To remove the headlight, do the following:

1. Disconnect the headlight to harness connection ①.
2. Remove the three fasteners ② retaining the headlight.
3. Remove the headlight from the inside of the front bumper.

BATTERY

⚠ WARNING

Battery electrolyte is poisonous. It contains sulfuric acid. 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.

Your vehicle uses a sealed battery, which requires little maintenance. A sealed battery can be identified by its flat covers on the top of the battery.

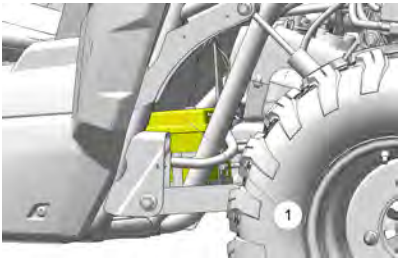
Always keep battery terminals and connections free of corrosion. If cleaning is necessary, remove the corrosion with a stiff wire brush. Wash with a solution of one tablespoon baking soda and one cup water. Rinse well with tap water and dry off with clean shop towels. Coat the terminals with dielectric grease or petroleum jelly. *Never* pry the sealing strip off or add any other fluid to a sealed battery.

⚠ WARNING

Improperly connecting or disconnecting battery cables can result in an explosion and cause serious injury or death. When removing the battery, always disconnect the negative (black) cable first. When reinstalling the battery, always connect the negative (black) cable last.

BATTERY REMOVAL

1. Access the battery ① through the left rear wheel well.
2. Disconnect the black (negative) battery cable first.
3. Disconnect the red (positive) battery cable last.
4. Lift the battery out of the vehicle.



BATTERY INSTALLATION

Using a new battery that has not been fully charged can damage the battery and result in a shorter life. It can also hinder vehicle performance. Follow the steps in the Battery Charging section before installing the battery.

1. Ensure that the battery is fully charged.
2. Place the battery in the battery holder.
3. Coat the terminals with dielectric grease or petroleum jelly.
4. Connect and tighten the red (positive) cable first.
5. Connect and tighten the black (negative) cable last.
6. Verify that cables are properly routed.

SEALED/AGM BATTERY MAINTENANCE AND CHARGING

⚠ WARNING

An overheated battery may explode, causing severe injury or death. Always watch charging times carefully. Stop charging if the battery becomes very warm to the touch. Allow it to cool before resuming charging.

Sealed batteries are already filled with electrolyte and have been sealed and *fully charged* at the factory.

⚠ CAUTION

Never pry the sealing strip off or add any other fluid to a sealed battery.

BATTERY CHARGING

For a refresh charge, follow all instructions carefully.

1. Check the battery voltage with a voltmeter or multimeter. A fully charged battery will register 12.8 V or higher.
2. If the voltage is less than 12.8 volts, recharge the battery at 1.2 amps or less until battery voltage is 12.8 or greater.
3. If the voltage falls below 12.5V, charge it immediately, or the battery runs the risk of sulfation and reduced battery life.

The single most important thing about maintaining a sealed battery is to keep it fully charged.

If you do not drive the vehicle for more than TWO WEEKS, Polaris recommends using a BatteryMINDer® 1510 - 1.5 AMP charger (PN 2830404), which can be ordered through your dealer. During charging, place the charger outside of the vehicle and protect it from moisture. The battery charge port ① is located on the dash.

BATTERY STORAGE

If you plan to store the vehicle for ONE MONTH or longer, remove the battery from the vehicle, then store the battery in a cool and dry location. Continue to maintain the battery with the BatteryMINDer® 1510 - 1.5 AMP charger.

When using an automatic charger other than a BatteryMINDer® 1510 - 1.5 AMP charger, refer to the charger manufacturer's instructions for recharging.

If using a **constant current charger** (instead of BatteryMINDer® 1510 - 1.5 AMP charger), use the guidelines below. Always verify battery condition before and 1-2 hours after the end of charging.

State of Charge	Voltage (DC)	Action	Charge Time*
100%	12.8-13.0 volts	None, check monthly	None required
75%-100%	12.6-12.8 volts	May need slight charge, if no charge given, check in 2 weeks	3-6 hours
50%-75%	12.3-12.6 volts	Needs charge	5-11 hours
25%-50%	12.0-12.3 volts	Needs charge	At least 13 hours
0%-25%	12.0 volts or less	Needs charge	At least 20 hours
* Using AGM specific charger at standard amps specified on top of battery			

CLEANING AND STORAGE

WASHING THE VEHICLE

Keeping your POLARIS vehicle clean will not only improve its appearance but it can also extend the life of various components.

NOTICE
High water pressure may damage components. POLARIS recommends washing the vehicle by hand or with a garden hose, using mild soap.

NOTICE

Certain products, including insect repellents and chemicals, will damage plastic surfaces. Do not allow these types of products to contact the vehicle.

The best and safest way to clean your POLARIS vehicle is with a garden hose and a pail of mild soap and water.

1. Use a professional-type washing cloth, cleaning the upper body first and the lower parts last.
2. Rinse with clean water frequently.
3. Dry surfaces with a chamois to prevent water spots.

WASHING TIPS

- Avoid the use of harsh cleaners, which can scratch the finish.
- Do not use a power washer to clean the vehicle.
- Do not use medium to heavy duty compounds on the finish.
- Always use clean cloths and pads for cleaning and polishing. Old or reused cloths and pads may contain dirt particles that will scratch the finish.
- Grease all zerk fittings immediately after washing. Allow the engine to run for a while to evaporate any water that may have entered the engine or exhaust system.

If a high pressure water system is used for cleaning (not recommended), exercise extreme caution. The water may damage components and could remove paint and labels. Avoid directing the water stream at the following items:

- Wheel bearings
- Radiator
- Transmission seals
- Brakes
- Door seals (if equipped)
- Cab and body panels
- Labels and decals
- Electrical components and wiring
- Air intake components
- Window seals (if equipped)

If an informational or graphic label becomes illegible or comes off, contact your POLARIS dealer, or other qualified person, to purchase a replacement. Replacement safety labels are provided by POLARIS at no charge.

POLISHING THE VEHICLE

POLARIS recommends the use of common household aerosol furniture polish for polishing the finish on your POLARIS vehicle. Follow the instructions on the container.

POLISHING TIPS

- Avoid the use of automotive products, some of which can scratch the finish of your vehicle.
- Always use clean cloths and pads for cleaning and polishing. Old or reused cloths and pads may contain dirt particles that will scratch the finish.

CHROME WHEEL CARE (IF EQUIPPED)

Proper maintenance will protect chrome wheels from corrosion, preserve wheel life and ensure a “like new” appearance for many years. Chrome wheels exposed to road salt (or salt in the air in coastal areas) are more susceptible to corrosion if not properly cleaned. Clean chrome wheels more often if they're exposed to salt or other corrosive elements.

1. Wash chrome wheels frequently. Use a mild detergent. Never use abrasive cleaners on plated or painted surfaces.
2. Rinse well with clear water. Soap, detergents, salt, dirt, mud and other elements can cause corrosion.
3. Polish the clean chrome wheels periodically. Use an automotive grade chrome polish.
4. Routinely and liberally apply a weather resistant wax to each polished chrome wheel. Choose a product suitable for chrome finishes. Read and follow the product labels and instructions.

REMOVING CORROSION

If light rust is found on the chrome finish, use steel wool (#0000-OTT grade) to remove it. Gently rub the affected areas with the steel wool until the corrosion has been removed. Clean and polish the wheel as outlined above.

STORAGE TIPS

NOTICE
Starting the engine during the storage period will disturb the protective film created by fogging and damage could occur. Never start the engine during the storage period.

CLEAN THE EXTERIOR

Make any necessary repairs and clean the vehicle as recommended.

STABILIZE THE FUEL

1. Fill the fuel tank.
2. Add POLARIS Carbon Clean Fuel Treatment or POLARIS Fuel Stabilizer or equivalent fuel treatments or stabilizers. Follow the instructions on the container for the recommended amount. Carbon Clean removes water from fuel systems, stabilizes fuel and removes carbon deposits from pistons, rings, valves and exhaust systems.
3. Allow the engine to run for 15-20 minutes to allow the stabilizer to disperse through the entire fuel delivery system.

OIL AND FILTER

Change the oil and filter. See the Engine Oil section.

AIR FILTER / AIR BOX

Replace the air filter. See Maintenance Chapter. Clean the air box.

FLUID LEVELS

Inspect the fluid levels. Add or change fluids as recommended in the Periodic Maintenance Chart.

- Rear gearcase fluid
- Transmission fluid
- Brake fluid (change every two years and any time the fluid looks dark or contaminated)

INSPECT AND LUBRICATE

Inspect all cables and lubricate all areas of the vehicle as recommended in the Periodic Maintenance Chart.

FOG THE ENGINE

1. Treat the fuel system with POLARIS Carbon Clean or other equivalent fuel treatment. Follow the instructions on the container. Start the engine. Allow it to idle for several minutes so the Carbon Clean reaches the injectors. Stop the engine.
2. Remove the spark plug and add 2-3 tablespoons of engine oil. To access the plug holes, use a section of clear 1/4” hose and a small plastic squeeze bottle filled with the pre-measured amount of oil. *Do this carefully! If you miss the plug holes, oil will drain from the spark plug cavities into the hole at the front of the cylinder head, and appear to be an oil leak.*
3. Reinstall the spark plug. Torque to specification.
4. Apply dielectric grease to the inside of each spark plug cap. *Do not reinstall the cap onto the plug at this step*.
5. Turn the engine over several times. Oil will be forced in and around the piston rings and ring lands, coating the cylinder with a protective film of fresh oil.
6. Reinstall the spark plug caps.
7. If POLARIS fuel system additive is not used, fuel tank, fuel lines, and injectors should be completely drained of gasoline.

STORAGE AREA / COVERS

Be sure the storage area is well ventilated. Cover the vehicle with a genuine POLARIS cover. Do not use plastic or coated materials. They do not allow enough ventilation to prevent condensation, and may promote corrosion and oxidation.

REMOVAL FROM STORAGE

⚠ WARNING

Engine exhaust contains poisonous carbon monoxide and can cause loss of consciousness or death. Never run an engine in an enclosed area.

1. Check the battery electrolyte level and charge the battery if necessary. Install it in the vehicle. Make sure the battery vent hose is routed properly and that it's not pinched or restricted in any way.
2. Make sure spark plugs are tight.
3. Fill the fuel tank with fuel.
4. Check all the points listed in the Daily Pre-Ride Inspection. *Tightness of the bolts, nuts and other fasteners should be checked by an authorized dealer or other qualified service facility.*
5. Lubricate at the intervals outlined in the Periodic Maintenance Chart.

TRANSPORTING THE VEHICLE

Follow these procedures when transporting the vehicle.

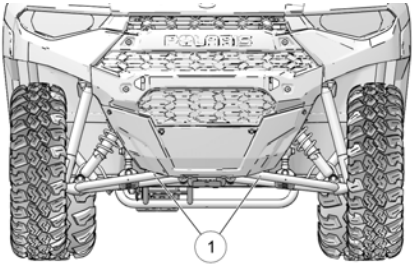
1. Apply the brakes.
2. Place the transmission in PARK. Stop the engine.
3. Slowly release the brake pedal and make sure the transmission is in PARK before exiting the vehicle.
4. Remove the key to prevent loss during transporting.
5. Secure the fuel cap and seat. Ensure that the seat is attached correctly and is not loose.

⚠ WARNING

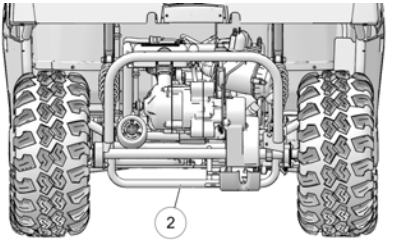
Cargo and other loose vehicle parts may fly off while transporting this vehicle. Secure or remove all cargo, and inspect the unit for loose parts prior to transport. For high-speed trailering, it is recommended to remove the safety flag.

6. Using suitable straps or rope, always secure the vehicle to the trailer using the designated tie down points (front and rear).

TIE-DOWN LOCATIONS



① Front tie-down points



② Rear tie-down points

SPECIFICATIONS

RANGER 150 EFI

VEHICLE DIMENSIONS	
Length	85 in (215.9 cm)
Width	48 in (121.9 cm)
Height	58 in (147.3 cm)
Wheel Base	65 in (165 cm)
Ground Clearance	8 in (20.2 cm)
Minimum Turning Radius	90 in (228.6 cm)
Gross Vehicle Weight	1048 (475 kg)
Dry Weight	673 (305 kg)
Rear Rack/Box Capacity	50 (23 kg)
Max. Weight Capacity	375 (170 kg) (Driver + Cargo)

ENGINE	
Platform	Single Cylinder, Air/Oil Cooled 4-Stroke
Engine Displacement (cc)	150 cc
Number of Cylinders	1
Bore & Stroke (mm)	57.8 x 57.4 mm
Compression Ratio	9.5:1
Engine Idle Speed	1500 RPM
Engine Max Engine Speed (Fuel Cutoff)	7500 RPM
Cooling System	Air + Oil
Overheat Warning	N/A
Lubrication	PS-4 Synthetic 5W-50 4-Cycle Oil

ENGINE	
Engine Oil Requirement / Capacity	35.5 oz (1050 mL)
Exhaust System	Single Headpipe / Single Silencer

FUEL SYSTEM	
Throttle Body / Size	Bosch® / 32 mm
Fuel Delivery	Electronic Fuel Pump (in tank)
Fuel Pressure	4 bar / 58 psi (400 kPa)
Fuel Capacity	2.5 gal / 9.5
Fuel Requirements	87 Octane (minimum)

ELECTRICAL	
Alternator Output	11.5 AMP @ 4000 RPM
Voltage Regulator	3 Phase, 35 AMP
Head Lights	2 - Single Beam Daytime Running Lamps (DRL)
Tail / Brake Lights	Single Tail Light
Ignition Timing	Non-Adjustable
Spark plug / Gap	NGK® CR7HSA (.024 - .028 (0.6 - 0.7 mm))
Battery / Model / AH / CCA	Yuasa® / YTX9/ 9AH / 120
Relays (Located in Relay/Fuse Box)	EFI Fuel Pump
Fuses (Located in Relay/Fuse Box)	Main Fuse: 20 Amp EFI: 15 Amp Lights: 10 Amp Brake LT: 10 Amp Spare: 10 Amp Spare: 15 Amp Spare: 20 Amp

DRIVETRAIN	
Transmission Type	Automatic CVT F/N/R
Transmission Fluid Type / Fluid Capacity	Polaris AGL 25 oz (750 mL)
Drive Chain - Type / # Links	50 x 52

STEERING / SUSPENSION	
Toe Out	0-1/8 in. / 0-3.2mm 0-1/8 in (0-3.2 mm)
Front Suspension	**Strut**
Front Travel	5.1 in (13 cm)
Rear Suspension	Swing-arm Dual Shocks
Rear Travel	6 in (15.2 cm)
Shock Preload Adjustment	Cam Adjustable (Factory Setting -Softest)

WHEELS / BRAKES		
Front Wheel Size		10 x 5.5 Stamped Steel
Front Tire Model / Size		P3018 / 22 x 7-10
Rear Wheel Size		10 x 8 Stamped Steel
Rear Tire Model / Size		P3018 / 22 x 10-10
Tire Air Pressure	Front	5 psi (34.4 kPa)
	Rear	5 psi (34.4 kPa)
Brakes		Front Wheel Hydraulic Disc Rear Axle Hydraulic Disc
Brake Fluid		Polaris DOT 4 Brake Fluid

CLUTCH SETTINGS				
ALTITUDE		**SHIFT WEIGHT**	**DRIVE SPRING**	**DRIVEN SPRING**
Meters (Feet)	0-3000 (0-10,000)	No changes for high altitude.		

POLARIS PRODUCTS

ENGINE LUBRICANT

PART NUMBER	DESCRIPTION
2870791	Fogging Oil (12 oz. Aerosol)
2876244	PS-4 Synthetic 5W-50 4-Cycle Oil (qt./.95 l)
2876245	PS-4 Synthetic 5W-50 4-Cycle Oil (gal./3.8 l)

GEARCASE / TRANSMISSION LUBRICANTS

PART NUMBER	DESCRIPTION
2878068	AGL Full Synthetic Gearcase Lubricant & Transmission Fluid (qt./.95 l)
2878069	AGL Full Synthetic Gearcase Lubricant & Transmission Fluid (gal./3.8 l)
2872348	Chain Lube, Aerosol

GREASE / SPECIALIZED LUBRICANTS

PART NUMBER	DESCRIPTION
2871312	Grease Gun Kit, Premium All Season
2871322	All Season Grease (3 oz./89 ml cartridge)
2871423	All Season Grease (14 oz./414 ml cartridge)
2871329	Dielectric Grease (Nyogel®)

ADDITIVES / MISCELLANEOUS

PART NUMBER	DESCRIPTION
2871326	Carbon Clean
2870652	Fuel Stabilizer
2872189	DOT 4 Brake Fluid
2871956	Loctite® 565 Thread Sealant
2859044	POLARIS Battery Charger

TROUBLESHOOTING

DRIVE BELT WEAR/BURN

POSSIBLE CAUSE	SOLUTION
Driving at low RPM or ground speed	Drive at a higher speed.
Insufficient warm-up at low ambient tempera- tures	Warm the engine at least 5 minutes. With the transmission in neutral, apply small amount of throttle in short bursts, 5 to 7 times. The belt will become more flexible and prevent belt burning.
Slow/easy clutch engage-ment	Use the throttle quickly and effectively.
Belt slippage from water or snow ingestion into the CVT system	Dry out the PVT *Prevent water from entering the PVT inlet and outlet ducts.* Inspect clutch seals for damage if repeated leaking occurs.
Clutch malfunction	Your POLARIS dealer can assist.
Poor engine performance	Check for fouled plug or foreign material in gas tank or fuel lines. Your POLARIS dealer can assist.
Wrong or missing belt	Install the recommended belt.
Improper break-in	Always break in a new belt and/or clutch.

ENGINE DOESN’T TURN OVER

POSSIBLE CAUSE	SOLUTION
Low battery voltage	Recharge the battery to 12.8 VDC.
Loose battery connections	Check all connections and tighten.
Loose solenoid connections	Check all connections and tighten.

ENGINE TURNS OVER, FAILS TO START

POSSIBLE CAUSE	SOLUTION
Out of fuel	Refuel.
Water is present in fuel	Drain the fuel system and refuel.
Old or non-recommended fuel	Replace with fresh recommended fuel.
Fouled or defective spark plug	Inspect plug and replace if necessary.
No spark to spark plug	Inspect plug and replace if necessary.

POSSIBLE CAUSE	SOLUTION
Water or fuel in crankcase	Your POLARIS dealer can assist.
Clogged Fuel Filter	Your POLARIS dealer can assist.
Low battery voltage	Recharge the battery to 12.8 VDC.
Mechanical failure	Your POLARIS dealer can assist.

ENGINE BACKFIRES

POSSIBLE CAUSE	SOLUTION
Weak spark from spark plug	Inspect, clean and/or replace spark plug.
Incorrect spark plug gap or heat range	Set gap to specs or replace plug.
Old or non-recommended fuel	Replace with fresh recommended fuel.
Incorrectly installed spark plug wires	Your POLARIS dealer can assist.
Mechanical failure	Your POLARIS dealer can assist.
Loose ignition connections	Check all connections and tighten.
Water present in fuel	Replace with fresh recommended fuel.
Exhaust system leak	Your POLARIS dealer can assist.

ENGINE PINGS OR KNOCKS

POSSIBLE CAUSE	SOLUTION
Poor quality or low octane fuel	Replace with recommended fuel.
Incorrect ignition timing	Your authorized dealer can assist.
Incorrect spark plug gap or heat range	Set gap to specs or replace plugs.

ENGINE RUNS IRREGULARLY, STALLS OR MISFIRES

POSSIBLE CAUSE	SOLUTION
Fouled or defective spark plug (s)	Inspect, clean and/or replace spark plugs
Worn or defective spark plug wires	Your POLARIS dealer can assist

POSSIBLE CAUSE	SOLUTION
Incorrect spark plug gap or heat range	Set gap to specs or replace plugs
Loose ignition connections	Check all connections and tighten
Water present in fuel	Replace with new fuel
Low battery voltage	Recharge battery to 12.8 VDC
Kinked or plugged fuel tank vent line	Inspect and replace
Incorrect fuel	Replace with recommended fuel
Clogged air filter	Inspect and clean or replace
Reverse speed limiter malfunction	Your POLARIS dealer can assist
Electronic throttle control malfunction	Your POLARIS dealer can assist
Other mechanical failure	Your POLARIS dealer can assist

POSSIBLE LEAN FUEL CAUSE	SOLUTION
Low or contaminated fuel	Add or change fuel, clean the fuel system
Low octane fuel	Replace with recommended fuel
Clogged air filter	Your POLARIS dealer can assist
Incorrect fuel	Replace with recommended fuel

POSSIBLE RICH FUEL CAUSE	SOLUTION
Fuel is very high octane	Replace with lower octane fuel
Stopping/starting without adequate warm-up	Allow engine to warm up before operating and/or stopping
Incorrect fuel	Replace with recommended fuel
Clogged air filter	Inspect and clean or replace

ENGINE STOPS OR LOSES POWER

POSSIBLE CAUSE	SOLUTION
Out of fuel	Refuel, cycle key to ON position three times for 5 seconds each, then start
Kinked or plugged fuel vent line	Inspect and replace
Water is present in fuel	Replace with new fuel
Fouled or defective spark plug (s)	Inspect, clean and/or replace spark plugs
Worn or defective spark plug wires	Your POLARIS dealer can assist
Incorrect spark plug gap or heat range	Set gap to specs or replace plug
Loose ignition connections	Check all connections and tighten
Low battery voltage	Recharge the battery to 12.8 VDC
Incorrect fuel	Replace with fresh recommended fuel
Clogged air filter	Inspect and clean or replace
Electronic throttle control malfunction	Your POLARIS dealer can assist
Other mechanical failure	Your POLARIS dealer can assist

DIAGNOSTIC TROUBLE CODES

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
29	3	Accelerator Position 2	P1228	Voltage Above Normal, Or Shorted To High Source
29	4		P1227	Voltage Below Normal, Or Shorted To Low Source
51	3	Throttle Position Sensor 1	P0123	Voltage Above Normal, Or Shorted To High Source
51	4		P0122	Voltage Below Normal, Or Shorted To Low Source
84	2	Vehicle Speed Sensor	P0503	Data Erratic, Intermittent Or Incorrect
91	3	Accelerator Position 1	P0228	Voltage Above Normal, Or Shorted To High Source
91	4		P0227	Voltage Below Normal, Or Shorted To Low Source
96	2	Fuel Level Signal	P0461	Data Erratic, Intermittent Or Incorrect
96	3		P0463	Voltage Above Normal, Or Shorted To High Source
96	4		P0462	Voltage Below Normal, Or Shorted To Low Source
96	16		P1462	Data Valid But Above Normal Operating Range - Moderately Severe Level
96	18		P1463	Data Valid But Below Normal Operating Range - Moderately Severe Level
102	3	Manifold Absolute Pressure Sensor	P0108	Voltage Above Normal, Or Shorted To High Source
102	4		P0107	Voltage Below Normal, Or Shorted To Low Source
105	0	Intake Air Temperature Sensor	P1111	Data Valid But Above Normal Operational Range - Most Severe Level
105	3		P0113	Voltage Above Normal, Or Shorted To High Source

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
105	4		P0112	Voltage Below Normal, Or Shorted To Low Source
108	3	Barometric Pressure Sensor	P2229	Voltage Above Normal, Or Shorted To High Source
108	4		P2228	Voltage Below Normal, Or Shorted To Low Source
110	0	Engine Temperature Sensor	P1217	Data Valid But Above Normal Operational Range - Most Severe Level
110	2		P0116	Data Erratic, Intermittent Or Incorrect
110	3		P0118	Voltage Above Normal, Or Shorted To High Source
110	4		P0117	Voltage Below Normal, Or Shorted To Low Source
110	10		P0119	Abnormal Rate Of Change
110	15		P1116	Data Valid But Above Normal Operating Range - Least Severe Level
110	16		P0217	Data Valid But Above Normal Operating Range - Moderately Severe Level
110	17		P0128	Data Valid But Below Normal Operating Range - Least Severe Level
168	0	System Power	P1562	Data Valid But Above Normal Operational Range - Most Severe Level
168	1		P1563	Data Valid But Below Normal Operational Range - Most Severe Level
168	2		P0561	Data Erratic, Intermittent Or Incorrect
168	3		P0563	Voltage Above Normal, Or Shorted To High Source
168	4		P0562	Voltage Below Normal, Or Shorted To Low Source
190	31	Engine Speed	P121C	Condition Exists

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
523	2	Gear Sensor Signal	P0914	Data Erratic, Intermittent Or Incorrect
523	4		P0916	Voltage Below Normal, Or Shorted To Low Source
523	9		P1914	Abnormal Update Rate
527	31	Cruise Control Panel Switches	P153D	Condition Exists
636	2	Crankshaft Position Sensor	P0335	Data Erratic, Intermittent Or Incorrect
637	8	Camshaft Position Sensor	P0340	Abnormal Frequency Or Pulse Width Or Period
651	3	Injector 1 (Front) (MAG) (SDI Port Injector)	P0262	Voltage Above Normal, Or Shorted To High Source
651	4		P1262	Voltage Below Normal, Or Shorted To Low Source
651	5		P0261	Current Below Normal Or Open Circuit
652	3	Injector 2 (Rear) (PTO) (SDI Port Injector)	P0265	Voltage Above Normal, Or Shorted To High Source
652	4		P1265	Voltage Below Normal, Or Shorted To Low Source
652	5		P0264	Current Below Normal Or Open Circuit
677	3	Starter Solenoid Driver Circuit	P0617	Voltage Above Normal, Or Shorted To High Source
677	4		P0616	Voltage Below Normal, Or Shorted To Low Source
677	5		P0615	Current Below Normal Or Open Circuit
731	1	Knock Sensor 1	P0326	Data Valid But Below Normal Operational Range - Most Severe Level
746	3	Rear Differential Output (Turf)	P1692	Voltage Above Normal, Or Shorted To High Source
746	4		P1693	Voltage Below Normal, Or Shorted To Low Source

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
746	5		P1691	Current Below Normal Or Open Circuit
876	3	AC Compressor Clutch Relay	P0647	Voltage Above Normal, Or Shorted To High Source
876	4		P0646	Voltage Below Normal, Or Shorted To Low Source
876	5		P0645	Current Below Normal Or Open Circuit
1071	3	Fan Relay Driver Circuit	P1482	Voltage Above Normal, Or Shorted To High Source
1071	4		P1483	Voltage Below Normal, Or Shorted To Low Source
1071	5		P1481	Current Below Normal Or Open Circuit
1127	0	Boost Pressure Sensor	P0234	Data Valid But Above Normal Operational Range - Most Severe Level
1127	2		P0236	Data Erratic, Intermittent Or Incorrect
1127	3		P0238	Voltage Above Normal, Or Shorted To High Source
1127	4		P0237	Voltage Below Normal, Or Shorted To Low Source
1127	31		P1234	Condition Exists
1213	3	Malfunction Indicator Lamp	P1653	Voltage Above Normal, Or Shorted To High Source
1213	4		P1652	Voltage Below Normal, Or Shorted To Low Source
1213	5		P1651	Current Below Normal Or Open Circuit
1268	3	Ignition Coil Primary Driver 1 (Front) (MAG)	P1353	Voltage Above Normal, Or Shorted To High Source
1269	3	Ignition Coil Primary Driver 2 (Rear) (PTO)	P1354	Voltage Above Normal, Or Shorted To High Source

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
1347	3	Fuel Pump Driver Circuit	P0232	Voltage Above Normal, Or Shorted To High Source
1347	4		P0231	Voltage Below Normal, Or Shorted To Low Source
1347	5		P0230	Current Below Normal Or Open Circuit
1557	3	Fan Driver 2	P0694	Voltage Above Normal, Or Shorted To High Source
1557	4		P0693	Voltage Below Normal, Or Shorted To Low Source
1557	5		P0481	Current Below Normal Or Open Circuit
1856	3	Seat Belt Switch	B1150	Voltage Above Normal, Or Shorted To High Source
1856	4		B1250	Voltage Below Normal, Or Shorted To Low Source
1856	5		B1350	Current Below Normal Or Open Circuit
1856	31			Condition Exists
2629	3	Engine Turbocharger 1 Compressor Outlet Temperature	P1235	Voltage Above Normal, Or Shorted To High Source
2629	4		P1236	Voltage Below Normal, Or Shorted To Low Source
3056	2	Oxygen Sensor Bank 1 Sensor 1	P0130	Data Erratic, Intermittent Or Incorrect
3056	3		P0132	Voltage Above Normal, Or Shorted To High Source
3056	4		P0131	Voltage Below Normal, Or Shorted To Low Source
3056	5		P1134	Current Below Normal Or Open Circuit
3056	12		P113A	Bad Intelligent Device Or Component
3597	3	ECU Output Supply Voltage 1	P16A2	Voltage Above Normal, Or Shorted To High Source

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
3597	4		P16A1	Voltage Below Normal, Or Shorted To Low Source
3598	3	ECU Output Supply Voltage 2	P16A9	Voltage Above Normal, Or Shorted To High Source
3598	4		P16A8	Voltage Below Normal, Or Shorted To Low Source
3599	3	ECU Output Supply Voltage 3	P17AA	Voltage Above Normal, Or Shorted To High Source
3599	4		P17AB	Voltage Below Normal, Or Shorted To Low Source
65590	7	Cylinder Misfire	P0314	Mechanical System Not Responding Or Out Of Adjustment
65591	7	Cylinder 1 Misfire	P0301	Mechanical System Not Responding Or Out Of Adjustment
65592	7	Cylinder 2 Misfire	P0302	Mechanical System Not Responding Or Out Of Adjustment
65613	2	ETC Accelerator Position Sensor Outputs 1 & 2 Correlation	P1135	Data Erratic, Intermittent Or Incorrect
520194	2	Throttle Release Signal	P1553	Data Erratic, Intermittent Or Incorrect
520194	3		P1555	Voltage Above Normal, Or Shorted To High Source
520194	4		P1554	Voltage Below Normal, Or Shorted To Low Source
520194	7		P1552	Mechanical System Not Responding Or Out Of Adjustment
520198	3	Throttle Position Sensor 2	P0223	Voltage Above Normal, Or Shorted To High Source
520198	4		P0222	Voltage Below Normal, Or Shorted To Low Source
520200	2	Rollover Sensor (Tipover)	P1501	Data Erratic, Intermittent Or Incorrect
520200	3		P1503	Voltage Above Normal, Or Shorted To High Source

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
520200	4		P1502	Voltage Below Normal, Or Shorted To Low Source
520200	14		P1504	Special Instructions
520202	3	Canister Purge Valve		Voltage Above Normal, Or Shorted To High Source
520202	4		P0445	Voltage Below Normal, Or Shorted To Low Source
520202	5			Current Below Normal Or Open Circuit
520203	3	Front Wheel Back Drive (Active Descent System)	P1686	Voltage Above Normal, Or Shorted To High Source
520203	4		P1687	Voltage Below Normal, Or Shorted To Low Source
520203	5		P1685	Current Below Normal Or Open Circuit
520204	15	Fuel Correction Front	P0172	Data Valid But Above Normal Operating Range - Least Severe Level
520204	17		P0171	Data Valid But Below Normal Operating Range - Least Severe Level
520205	15	Fuel Correction Rear	P0175	Data Valid But Above Normal Operating Range - Least Severe Level
520205	17		P0174	Data Valid But Below Normal Operating Range - Least Severe Level
520206	2	Reverse Alarm	P1684	Data Erratic, Intermittent Or Incorrect
520206	3		P1682	Voltage Above Normal, Or Shorted To High Source
520206	4		P1683	Voltage Below Normal, Or Shorted To Low Source
520206	5		P1681	Current Below Normal Or Open Circuit
520207	3	All Wheel Drive Control Circuit	P1835	Voltage Above Normal, Or Shorted To High Source

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
520207	4		P1834	Voltage Below Normal, Or Shorted To Low Source
520207	5		P1836	Current Below Normal Or Open Circuit
520208	3	Chassis Relay	P1614	Voltage Above Normal, Or Shorted To High Source
520208	4		P1613	Voltage Below Normal, Or Shorted To Low Source
520208	5		P1611	Current Below Normal Or Open Circuit
520209	2	Oxygen Sensor Heater 1	P0135	Data Erratic, Intermittent Or Incorrect
520209	3			Voltage Above Normal, Or Shorted To High Source
520209	4		P0031	Voltage Below Normal, Or Shorted To Low Source
520209	5			Current Below Normal Or Open Circuit
520210	2	Oxygen Sensor Heater 2	P0141	Data Erratic, Intermittent Or Incorrect
520210	3		P0038	Voltage Above Normal, Or Shorted To High Source
520210	4		P0037	Voltage Below Normal, Or Shorted To Low Source
520210	5		P0036	Current Below Normal Or Open Circuit
520211	3	Idle Speed	P0507	Voltage Above Normal, Or Shorted To High Source
520211	4		P0506	Voltage Below Normal, Or Shorted To Low Source
520211	7			Mechanical System Not Responding Or Out Of Adjustment
520268	3	Idle Air Control M17 Stepper Pin 3	P1519	Voltage Above Normal, Or Shorted To High Source
520268	4		P1518	Voltage Below Normal, Or Shorted To Low Source

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
520268	5		P1515	Current Below Normal Or Open Circuit
520269	3	Idle Air Control M17 Stepper Pin 4	P1529	Voltage Above Normal, Or Shorted To High Source
520269	4		P1528	Voltage Below Normal, Or Shorted To Low Source
520269	5		P1525	Current Below Normal Or Open Circuit
520270	3	Idle Air Control M17 Stepper Pin 6	P1539	Voltage Above Normal, Or Shorted To High Source
520270	4		P1538	Voltage Below Normal, Or Shorted To Low Source
520270	5		P1535	Current Below Normal Or Open Circuit
520271	3	Idle Air Control M17 Stepper Pin 1	P1509	Voltage Above Normal, Or Shorted To High Source
520271	4		P1508	Voltage Below Normal, Or Shorted To Low Source
520271	5		P1505	Current Below Normal Or Open Circuit
520275	31	Accelerator Position/Brake Position Interaction	P150A	Condition Exists
520276	2	Throttle Position Sensor (1 or 2 Indeterminable)	P150C	Data Erratic, Intermittent Or Incorrect
520276	12		P150B	Bad Intelligent Device Or Component
520277	2	Throttle Body Control - Power Stage	P151A	Data Erratic, Intermittent Or Incorrect
520277	3		P150D	Voltage Above Normal, Or Shorted To High Source
520277	4		P150E	Voltage Below Normal, Or Shorted To Low Source
520277	8		P151B	Abnormal Frequency Or Pulse Width Or Period

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
520279	31	Throttle Body Control - Adaption Aborted	P151D	Condition Exists
520280	31	Throttle Body Control - Limp Home Position Check Failed	P151E	Condition Exists
520281	31	Throttle Body Control - Mechanical Stop Adaptation Failure	P152A	Condition Exists
520282	31	Throttle Body Control - Repeated Adaptation Failed	P152B	Condition Exists
520283	3	Throttle Body Control	P152C	Voltage Above Normal, Or Shorted To High Source
520283	4		P152D	Voltage Below Normal, Or Shorted To Low Source
520284	31	Throttle Body Control - Position Deviation Fault	P152E	Condition Exists
520285	2	Brake Switch (1 or 2 Indeterminable)	P153E	Data Erratic, Intermittent Or Incorrect
520286	31	ECU Monitoring Error	P1540	Condition Exists
520287	31	ECU Monitoring Error (Level 3)	P1541	Condition Exists
520288	31	ECU Monitoring of Injection Cut Off (Level 1)	P1542	Condition Exists
520289	31	ECU Monitoring of Injection Cut Off (Level 2)	P1543	Condition Exists

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
520305	31	Throttle Body Control - Requested Throttle Angle Not Plausible	P1530	Condition Exists
520306	31	ECU ADC Fault - No Load	P1531	Condition Exists
520307	31	ECU ADC Fault - Voltage	P1532	Condition Exists
520308	31	Accelerator Sensor Sync Fault - Sensor Diff Exceeds Limit	P1533	Condition Exists
520309	31	ECU Fault - ICO	P1534	Condition Exists
520311	31	ECU Fault - Hardware Disruption	P1537	Condition Exists
520329	9	Operator Switch Status (pOSS1)	P1063	Abnormal Update Rate
520331	3	Knock Sensor Positive Line	P1327	Voltage Above Normal, Or Shorted To High Source
520331	4		P1328	Voltage Below Normal, Or Shorted To Low Source
520332	3	Knock Sensor Negative Line	P132A	Voltage Above Normal, Or Shorted To High Source
520332	4		P132B	Voltage Below Normal, Or Shorted To Low Source
520333	2	Oxygen Sensor Bank 1 Sensor 2(3057 Duplicate)	P1136	Data Erratic, Intermittent Or Incorrect
520333	3		P1137	Voltage Above Normal, Or Shorted To High Source
520333	4		P1138	Voltage Below Normal, Or Shorted To Low Source
520333	5		P3136	Current Below Normal Or Open Circuit

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
520333	12		P1139	Bad Intelligent Device Or Component
520336	31	ECU Monitoring (Pedal Map Mismatch)	P1545	Condition Exists
520338	31	Gross Air Leak	P2279	Condition Exists
520341	3	Wastegate Solenoid Driver	P0243	Voltage Above Normal, Or Shorted To High Source
520341	4		P0246	Voltage Below Normal, Or Shorted To Low Source
520341	5		P0245	Current Below Normal Or Open Circuit
520342	15	Idle Fuel Correction Bank 1	P116C	Data Valid But Above Normal Operating Range - Least Severe Level
520342	17		P116D	Data Valid But Below Normal Operating Range - Least Severe Level
520343	15	Idle Fuel Correction Bank 2	P116E	Data Valid But Above Normal Operating Range - Least Severe Level
520343	17		P116F	Data Valid But Below Normal Operating Range - Least Severe Level
520344	15	Adaptive Fuel Correction Bank 1	P0170	Data Valid But Above Normal Operating Range - Least Severe Level
520344	17		P1170	Data Valid But Below Normal Operating Range - Least Severe Level
520345	15	Adaptive Fuel Correction Bank 2	P0173	Data Valid But Above Normal Operating Range - Least Severe Level
520345	17		P1173	Data Valid But Below Normal Operating Range - Least Severe Level
520346	31	Upstream O2 Sensor Signals Swapped	P1416	Condition Exists

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
520467	31	Momentary Driveline Left Press	P071A	Condition Exists
520468	31	Momentary Driveline Right Press	P071D	Condition Exists
520496	3	Intercooler Pump Driver Circuit	P107D	Voltage Above Normal, Or Shorted To High Source
520496	4		P107C	Voltage Below Normal, Or Shorted To Low Source
520496	5		P107E	Current Below Normal Or Open Circuit
520624	3	AC Condenser Fan Relay	P15F5	Voltage Above Normal, Or Shorted To High Source
520624	4		P15F4	Voltage Below Normal, Or Shorted To Low Source
520624	5		P15F3	Current Below Normal Or Open Circuit
520625	3	Alternator Charge Disable Relay	P1D45	Voltage Above Normal, Or Shorted To High Source
520625	4		P1D44	Voltage Below Normal, Or Shorted To Low Source
520625	5		P1D42	Current Below Normal Or Open Circuit
524067	2	Drive Mode Select Switch	P153C	Data Erratic, Intermittent Or Incorrect
524067	3		P153A	Voltage Above Normal, Or Shorted To High Source
524067	4		P153B	Voltage Below Normal, Or Shorted To Low Source
524072	31	Foot On Cruise Control Switch	P154D	Condition Exists
524079	31	Cruise Control Input Checksum	U0405	Condition Exists

SPN	FMI	COMPONENT	P-CODE	CONDITION
DISPLAYED ON INSTRUMENT CLUSTER			DISPLAYED ON DIGITAL WRENCH DIAGNOSTIC SOFTWARE	
524080	31	Cruise Control Input Message Counter	U1405	Condition Exists
524081	31	Foot On Cruise Control Input Message Counter	U1407	Condition Exists
524082	31	Foot On Cruise Control Input Checksum	U1406	Condition Exists
524145	31	Reverse Override Switch	P188C	Condition Exists

WARRANTY

LIMITED WARRANTY

POLARIS Industries Inc., 2100 Highway 55, Medina, MN 55340 (POLARIS) gives a SIX MONTH LIMITED WARRANTY on all components of your POLARIS vehicle against defects in material or workmanship. Laws and regulations in your jurisdiction may give extra protection. POLARIS further warrants that the spark arrester in this product will meet the efficiency requirements of USFS standard 5100-1C for at least 1000 hours when subjected to normal use and when maintenance and installation are in accordance with POLARIS recommendations.

This warranty covers parts and labor charges for repair or replacement of defective parts and begins on the date of purchase by the original retail purchaser. This warranty is transferable to another owner during the warranty period through a POLARIS dealer, or other qualified person, but any such transfer will not extend the original term of the warranty. The duration of this warranty may vary by international region based upon local laws and regulations.

REGISTRATION

At the time of sale, the Warranty Registration Form must be completed by your dealer and submitted to POLARIS within ten days of purchase. Upon receipt of this registration, POLARIS will record the registration for warranty. No verification of registration will be sent to the purchaser as the copy of the Warranty Registration Form will be your proof of warranty coverage. If you have not signed the original registration and received the customer copy, please contact your dealer immediately. NO WARRANTY COVERAGE WILL BE ALLOWED UNLESS YOUR VEHICLE IS REGISTERED WITH POLARIS. Initial dealer preparation and set-up of your vehicle is very important in ensuring trouble-free operation. Purchasing a machine in the crate or without proper dealer set-up will void your warranty coverage.

WARRANTY COVERAGE AND EXCLUSIONS

LIMITATIONS OF WARRANTIES AND REMEDIES

This POLARIS limited warranty excludes any failures that are not caused by a defect in material or workmanship. THIS WARRANTY DOES NOT COVER CLAIMS OF DEFECTIVE DESIGN. This warranty also does not cover acts of God, accidental damage, normal wear and tear, abuse or improper handling. This warranty also does not cover any vehicle, component, or part that has been altered structurally, modified, neglected, improperly maintained or used for racing, competition or purposes other than for which it was designed.

This warranty excludes damages or failures resulting from improper lubrication; improper engine timing; improper fuel; surface imperfections caused by external stress, heat, cold or contamination; operator error or abuse; improper component alignment, tension, adjustment or altitude compensation; snow, water, dirt or other foreign substance ingestion/contamination; improper maintenance; modified components; use of aftermarket or unapproved components, accessories, or attachments; use of unapproved software or calibration; unauthorized repairs; or repairs made after the warranty period expires or by an unauthorized repair center.

This warranty excludes damages or failures caused by abuse, accident, fire, or any other cause other than a defect in materials or workmanship and provides no coverage for consumable components, general wear items, or any parts exposed to friction surfaces, stresses, environmental conditions and/or contamination for which they were not designed or not intended, including but not limited to the following items:

- Wheels and tires
- Suspension components
- Brake components
- Seat components
- Clutches and components
- Steering components
- Batteries
- Light bulbs/Sealed beam lamps
- Filters
- Lubricants
- Bushings
- Finished and unfinished surfaces
- Carburetor/Throttle body components
- Engine components
- Drive belts
- Hydraulic components and fluids
- Circuit breakers/Fuses
- Electronic components
- Spark plugs
- Sealants
- Coolants
- Bearings

LUBRICANTS AND FLUIDS

1. Mixing oil brands or using non-recommended oil may cause engine damage. We recommend the use of POLARIS engine oil.
2. Damage or failure resulting from the use of non-recommended lubricants or fluids is not covered by this warranty.

This warranty provides no coverage for personal loss or expense, including mileage, transportation costs, hotels, meals, shipping or handling fees, product pick-up or delivery, replacement rentals, loss of product use, loss of profits, or loss of vacation or personal time.

THE EXCLUSIVE REMEDY FOR BREACH OF THIS WARRANTY SHALL BE, AT POLARIS' OPTION, REPAIR OR REPLACEMENT OF ANY DEFECTIVE MATERIALS, COMPONENTS, OR PRODUCTS. THE REMEDIES SET FORTH IN THIS WARRANTY ARE THE ONLY REMEDIES AVAILABLE TO ANY PERSON FOR BREACH OF THIS WARRANTY. POLARIS SHALL HAVE NO LIABILITY TO ANY PERSON FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY DESCRIPTION, WHETHER ARISING OUT OF EXPRESS OR IMPLIED WARRANTY OR ANY OTHER CONTRACT, NEGLIGENCE, OR OTHER TORT OR OTHERWISE. THIS EXCLUSION OF CONSEQUENTIAL, INCIDENTAL, AND SPECIAL DAMAGES IS INDEPENDENT FROM AND SHALL SURVIVE ANY FINDING THAT THE EXCLUSIVE REMEDY FAILED OF ITS ESSENTIAL PURPOSE.

THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS EXCLUDED FROM THIS LIMITED WARRANTY. ALL OTHER IMPLIED WARRANTIES (INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY) ARE LIMITED IN DURATION TO THE ABOVE SIX MONTH WARRANTY PERIOD. POLARIS DISCLAIMS ALL EXPRESS WARRANTIES NOT STATED IN THIS WARRANTY. SOME STATES DO NOT PERMIT THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ALLOW LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU IF INCONSISTENT WITH CONTROLLING STATE LAW.

HOW TO OBTAIN WARRANTY SERVICE

If your vehicle requires warranty service, you must take it to a POLARIS Servicing Dealer. When requesting warranty service you must present your copy of the Warranty Registration Form to the dealer. (THE COST OF TRANSPORTATION TO AND FROM THE DEALER IS YOUR RESPONSIBILITY.) POLARIS suggests that you use your original selling dealer; however, you may use any POLARIS Servicing Dealer to perform warranty service.

EXPORTED PRODUCTS

EXCEPT WHERE SPECIFICALLY REQUIRED BY LAW, THERE IS NO WARRANTY OR SERVICE BULLETIN COVERAGE ON THIS PRODUCT IF IT IS SOLD OUTSIDE THE COUNTRY OF THE SELLING DEALER'S AUTHORIZED LOCATION. This policy does not apply to products that have received authorization for export from POLARIS. Dealers may not give authorization for export. You should consult an authorized dealer to determine this product's warranty or service coverage if you have any questions. This policy does not apply to products registered to government officials or military personnel on assignment outside the country of the selling dealer's authorized location. This policy does not apply to Safety Bulletins.

NOTICE

If your product is registered outside of the country where it was purchased and you have not followed the procedure set above, your product will no longer be eligible for warranty or service bulletin coverage of any kind, other than safety bulletins. Products registered to government officials or military personnel on assignment outside of the country where the product was purchased will continue to be covered by the Limited Warranty.

Please work with your dealer to resolve any warranty issues. Dealership contacts can be found via this website, if needed:

www.polaris.com/en-us/contact

Should your dealer require any additional assistance, they will contact the appropriate person at POLARIS.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or in different countries. If any of the above terms are void because of federal, state, local law, all other warranty terms will remain in effect.

For questions call POLARIS Customer Assistance:

United States & Canada: 1-800-POLARIS (1-800-765-2747)

French: 1-800-268-6334

U.S.A. EPA EMISSIONS LIMITED WARRANTY

This emissions limited warranty is in addition to the POLARIS standard limited warranty for your vehicle. POLARIS Industries Inc. warrants that at the time it is first purchased, this emissions-certified vehicle is designed, built and equipped so it conforms with applicable U.S. Environmental Protection Agency emission regulations. POLARIS warrants that the vehicle is free from defects in materials and workmanship that would cause it to fail to meet these regulations.

The warranty period for off road vehicles 100cc or greater emissions-certified vehicles starts on the date of purchase by original retail purchaser and continues for a period of 500 hours of engine operation, 5000 kilometers (3100 miles) of vehicle travel, or 30 calendar months from the date of purchase, whichever comes first. The warranty period for ATVs less than 100cc emissions-certified vehicles starts on the date of purchase by original retail purchaser and continues for a period of 250 hours of engine operation, 2500 kilometers (1550 miles) of vehicle travel, or 30 calendar months from the date of purchase, whichever comes first. This EPA emissions warranty period is extended for at least as long as the standard factory warranty that Polaris provides on the vehicle as a whole. The EPA emissions warranty period does not further extend if you purchase additional warranty coverage in the form of a service contract or other paid warranty extension, but emission-related parts may be covered subject to the terms of any such paid service contract or paid warranty extension.

This emissions limited warranty covers components whose failure increases the vehicle's regulated emissions, and it covers components of systems whose only purpose is to control emissions. Repairing or replacing other components not covered by this warranty is the responsibility of the vehicle owner. This emissions limited warranty does not cover components whose failure does not increase the vehicle's regulated emissions.

For exhaust emissions, emission-related components include any engine parts related to the following systems:

- Air-induction system
- Fuel system
- Ignition system
- Exhaust gas recirculation systems

The following parts are also considered emission-related components for exhaust emissions:

- Aftertreatment devices
- Crankcase ventilation valves
- Sensors
- Electronic control units

The following parts are considered emission-related components for evaporative emissions:

- Fuel Tank
- Fuel Cap
- Fuel Line
- Fuel Line Fittings
- Clamps*
- Pressure Relief Valves*
- Control Valves*
- Control Solenoids*
- Electronic Controls*
- Vacuum Control Diaphragms*
- Control Cables*
- Control Linkages*
- Purge Valves
- Vapor Hoses
- Liquid/Vapor Separator
- Carbon Canister
- Canister Mounting Brackets
- Carburetor Purge Port Connector

*As related to the evaporative emission control system.

Emission-related components also include any other part whose only purpose is to reduce emissions or whose failure will increase emissions without significantly degrading engine/equipment performance. The exclusive remedy for breach of this limited warranty shall be, at the exclusive option of POLARIS, repair or replacement of any defective materials, components or products. THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY ARE THE ONLY REMEDIES AVAILABLE TO ANY PERSON FOR BREACH OF THIS WARRANTY. POLARIS SHALL HAVE NO LIABILITY TO ANY PERSON FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY DESCRIPTION, WHETHER ARISING OUT OF EXPRESS OR IMPLIED WARRANTY OR ANY OTHER CONTRACT, NEGLIGENCE OR OTHER TORT OR OTHERWISE. THIS EXCLUSION OF CONSEQUENTIAL, INCIDENTAL, AND SPECIAL DAMAGES IS INDEPENDENT FROM AND SHALL SURVIVE ANY FINDING THAT THE EXCLUSIVE REMEDY FAILED OF ITS ESSENTIAL PURPOSE.

ALL IMPLIED WARRANTIES (INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO THE WARRANTY PERIOD DESCRIBED HEREIN. POLARIS DISCLAIMS ALL EXPRESS WARRANTIES NOT STATED IN THIS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply if it is inconsistent with the controlling state law.

This limited warranty excludes failures not caused by a defect in material or workmanship. This limited warranty does not cover damage due to accidents, abuse or improper handling, maintenance or use. This limited warranty also does not cover any engine that has been structurally altered, or when the vehicle has been used in racing competition. This limited warranty also does not cover physical damage, corrosion or defects caused by fire, explosions or other similar causes beyond the control of POLARIS.

Owners are responsible for performing the scheduled maintenance identified in the owner's manual. POLARIS may deny warranty claims for failures that have been caused by the owner's or operator's improper maintenance or use, by accidents for which POLARIS has no responsibility, or by acts of God.

Any qualified repair shop or person may maintain, replace, or repair the emission control devices or systems on your vehicle. An authorized POLARIS dealer, or other qualified person, can perform any service that may be necessary for your vehicle. POLARIS also recommends POLARIS parts, however equivalent parts may be used for such service. It is a potential violation of the Clean Air Act if a part supplied by an aftermarket parts manufacturer reduces the effectiveness of the vehicle's emission controls. Tampering with emission controls is prohibited by federal law.

CALIFORNIA RESIDENTS

Certain POLARIS Off-Road Vehicles are available in 49-state and 50-state versions. Only the 50-state models are certified for sale in California. The 50-state models available for sale in California are identified by the letter “B” in the ninth position of the model number (e.g., R16RTE87B). The POLARIS 50-state models are designed and built with features such as a reduced cargo box capacity. Any modifications to these features may be a violation of the applicable California regulations and may void this limited emissions warranty offered by the manufacturer.

POLARIS Inc. warrants that at the time it is first purchased, this vehicle is:

1. Designed, built, and equipped so as to conform, at the time of sale, with all applicable California evaporative emissions regulations.
2. Free from defects in materials and workmanship that may cause the failure of a warranted part as defined in California evaporative emissions regulations. All replacement parts must be identical in all material respects to that part as described in the OHRV manufacturer's Executive Order of Certification application.

The California evaporative emissions control system limited warranty statement below applies to your Off Highway Recreational Vehicle in California if the vehicle is equipped with an evaporative emission control system and is labeled with a Vehicle Evaporative Emissions Control Information label indicating that the vehicle conforms to California evaporative emissions regulations applicable to new off-road sport vehicles, all-terrain vehicles, or off-road utility vehicles. These vehicles are referred to as “OHRV-EVAP” below.

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board and POLARIS Industries Inc. is pleased to explain the emission control system warranty on your model year 2018 and newer Off Highway Recreational Vehicle. In California, new off-highway recreational vehicles must be designed, built and equipped to meet the State's stringent anti-smog standards. POLARIS must warrant the emission control system on your OHRV-EVAP for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your OHRV-EVAP.

Your emission control system may include parts such as the carburetor or fuel injection system, fuel tank, fuel hoses, carbon canister, engine computer and Evaporative Emissions Control System parts listed in the U.S.A. EPA Emissions Limited Warranty. Also included may be hoses, belts, connectors and other emission-related assemblies. Where a warrantable condition exists, POLARIS will repair your OHRV-EVAP at no cost to you including diagnosis, parts and labor.

MANUFACTURER’S WARRANTY COVERAGE

For model year 2018 and newer OHRV-EVAP models.

For 30 months, or 2500 miles, or 250 hours, whichever comes first, except for evaporative components over the OHRV high-priced warranty value, which is covered for 60 months, or 5000 miles, or 500 hours, whichever comes first. If any emission-related part on your OHRV-EVAP is defective, the part will be repaired or replaced by POLARIS.

OWNER'S WARRANTY RESPONSIBILITIES

As the OHRV-EVAP owner, you are responsible for the performance of the required maintenance listed in your owner's manual. POLARIS recommends that you retain all receipts covering maintenance on your OHRV-EVAP, but POLARIS cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of a scheduled maintenance.

As an owner you are responsible for presenting your OHRV-EVAP to an authorized POLARIS dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As an OHRV-EVAP owner, you should also be aware that POLARIS may deny you warranty coverage if your OHRV-EVAP or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

ADD-ON OR MODIFIED PARTS

An add-on or modified part must be compliant with applicable CARB emission control standards. A violation of this requirement is punishable by civil and/or criminal punishment.

If you have any questions regarding your warranty rights and responsibilities, you should contact POLARIS Owner Connections at 1-800-POLARIS (1-800-765-2747) or the California Air Resources Board at 9528 Telstar Avenue, El Monte, CA 91731.

United States & Canada: 1-800-POLARIS (1-800-765-2747)

HOW THE CALIFORNIA EMISSIONS WARRANTY ON EVAPORATIVE EMISSIONS PARTS MUST FUNCTION AS PRESCRIBED IN 13 CCR §2419.1

(1) Any warranted part which is not scheduled for replacement as part of maintenance in the Owner's Manual must be warranted for the warranty period. If any such part fails during the warranty period, it must be repaired or replaced by POLARIS according to subdivision (4) below. Any such part repaired or replaced under warranty must be fully warranted.

(2) Any warranted part which is scheduled only for regular inspection in the Owner's Manual must be warranted for the warranty period. A statement in such written instructions to the effect of "repair or replace as necessary" must not reduce the period of warranty coverage. Any such part repaired or replaced under warranty must be warranted for the remaining warranty period.

(3) Any warranted part which is scheduled for replacement as part of maintenance in the Owner's Manual must be warranted for the period of time prior to the first scheduled replacement point for that part. If the part fails before the first scheduled replacement point, the part must be repaired or replaced by POLARIS according to subdivision (4). Any such part repaired or replaced under warranty must be warranted for the remainder of the period prior to the first scheduled replacement point for the part.

(4) Repair or replacement of any warranted part under the warranty provisions of this Article must be performed at no charge to the OHRV owner, at a warranty station, except in the case of a temporary repair when a warranted part or a warranty station is not reasonably available to the OHRV owner. In the event a temporary repair is permitted according to subdivision (8) below, repairs may be performed at any available service establishment, or by the owner, using any replacement part. POLARIS must reimburse the owner for his or her expenses including diagnostic charges for such temporary repair or replacement, not to exceed POLARIS' suggested retail price for all warranted parts replaced and labor charges based on the POLARIS recommended time allowance for the warranty repair and the geographically appropriate hourly labor rate.

(5) Notwithstanding the provisions of subdivision (4) above, warranty services or repairs must be provided at all POLARIS dealerships that are owned by POLARIS or franchised to service the subject OHRVs.

(6) The OHRV owner must not be charged for diagnostic labor which leads to the determination that a warranted part is, in fact, defective, provided that such diagnostic work is performed at a warranty station.

(7) POLARIS is liable for damages to other vehicle components proximately caused by a failure, under warranty, of any warranted part.

(8) Throughout the OHRV's evaporative emissions warranty period, POLARIS must maintain a supply of warranted parts sufficient to meet the expected demand for such parts. The lack of availability of such parts or the incompleteness of repairs within a reasonable time period, not to exceed 30 days from the time the OHRV is initially presented to the warranty station for repair, will qualify the need for a temporary repair for purposes of subdivision (4).

(9) Any replacement part designated by POLARIS may be used in warranty repairs provided without charge to the OHRV owner. Such use will not reduce the warranty obligations of POLARIS, except that POLARIS will not be liable under the provisions of this Article for repair or replacement of any replacement part which is not a warranted part (except as provided under subdivision (d)(7)).

(10) Any add-on or modified part exempted by the Air Resources Board from the prohibitions of section 27156 of the California Vehicle Code may be used on an OHRV. Such use, in and of itself, will not be grounds for disallowing a warranty claim made under the provisions of this Article. POLARIS is not liable under the provisions of this Article to warrant failures of warranted parts caused by the use of an add-on or modified part(s) unless such part(s) are also warranted.

(11) Upon a request of the Executive Officer, POLARIS must provide any documents that describe the manufacturer's warranty procedures or policies.

(12) Any replacement part must not reduce the effectiveness of the OHRV emission control system. POLARIS must demonstrate that the applicable emission standards are being met when the replacement part(s) are installed on the OHRV. The demonstration of equivalence to applicable emission standards can be achieved through replacing the part(s) with the evaporative emissions control components the OHRV evaporative family was certified with; or, if unavailable, alternative parts may be installed if POLARIS can provide test data to verify the evaporative control system meets, at least, the OHRV EFEL.

EXCLUSION

Notwithstanding the provisions of subdivisions (1) - (12) above, the repair or replacement of any warranted part otherwise eligible for the California Warranty on Evaporative Emission Parts, is excluded from such warranty coverage if POLARIS can provide evidence to the California Air Resources Board Executive Officer, to the Executive Officer's satisfaction, that the OHRV has been abused, neglected, improperly maintained, or had unapproved modifications and that such abuse, neglect, improper maintenance, or unapproved modification, was the direct cause of the need for the repair or replacement of the part.

MAINTENANCE LOG

MAINTENANCE LOG

Use the following chart to record periodic maintenance.

DATE	MILES (KM) OR HOURS	TECHNICIAN	SERVICE PERFORMED / COMMENTS

A

B

C

D

E

F

G

H

I

K

L

M

N

O

P

R

S

T

U

V

W

Y

⚠ WARNING

Improper vehicle use can result in SEVERE INJURY or DEATH.

NEVER allow vehicle to be operated:

- without all occupants first viewing and understanding safety video and warning labels.
- with more than one passenger.
- on hills steeper than 15 degrees ◿ 15°.
- on paved surfaces - pavement may seriously affect handling and control.
- with non-Polaris approved accessories - they may seriously affect stability.
- at speeds that are too fast for the operator's skills, the conditions and/or the terrain.

ALWAYS require operator and passenger to:

- wear seat belts, grab hand holds (passenger) and plant feet firmly on the floor.
- secure cab nets.
- keep hands and feet inside vehicle.
- avoid quick turns of the steering wheel and driving stunts such as jumps, donuts or power slides.
- reduce speed and use extra caution when carrying a passenger.
- watch for branches or other hazards that could enter vehicle.

Operation of this vehicle by children under age 10 increases the risk of severe injury or death. Adult supervision required for children under age 16. NEVER permit children under age 10 to operate or ride in this vehicle.

ALWAYS USE AN APPROVED HELMET AND PROTECTIVE GEAR FOR ALL OCCUPANTS.

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

For your nearest Polaris dealer,
call 1-800-POLARIS (765-2747)
or visit www.polaris.com

Polaris Industries Inc.
2100 Highway 55
Medina, MN 55340

Polaris Sales Europe Sarl
Place de l'Industrie 2
1180 Rolle, Switzerland

Part No. 9941324 Rev 01
Printed in China