750cc GAS
1000cc DIESEL
2020 OWNER'S MANUAL

WARNING

FAILURE TO FOLLOW SAFE OPERATING PRACTICES MAY RESULT IN SERIOUS INJURY OR DEATH.

Read this manual in its entirety before attempting to operate the Intimidator Off-Road Vehicle.

REMEMBER - YOUR MACHINE IS ONLY AS SAFE AS THE OPERATOR!

HAZARD CONTROL AND ACCIDENT PREVENTION ARE DEPENDENT UPON THE AWARENESS, CONCERN, PRUDENCE, AND PROPER TRAINING OF THE PERSONNEL INVOLVED IN THE OPERATION, TRANSPORT, MAINTENANCE, AND STORAGE OF THE EQUIPMENT.

This manual provides procedures for minor maintenance, but major repair information can be found in the Intimidator Off-Road Vehicle Service Manual. Major repair should only be performed by an authorized Intimidator Service Dealer.

Updated 9/6/2019

Welcome to the Intimidator Family

On behalf of my wife Becky and myself, along with all of us at Intimidator, Inc., we would like to officially welcome you to the family. We are thrilled that you have chosen to become a part of our team. Whether you have purchased your Intimidator for commercial use on your farm, or you just wanted to have the best UTV in your neighborhood, we'd like to say 'Thank You.'

We are fiercely loyal to our customers and work hard to provide the highest quality of products, parts and accessories at the best possible price. We strive to create a unique experience for our customer that will differentiate Intimidator Off-Road Vehicles from the rest of the industry. Our Vision is to build the best off-road utility vehicle on the market. We will continue to work with experts in our field to provide a superior machine that is second to none in power, durability and performance.

We look forward to our future together and hope to be partners for as long as there are trails to ride.

Thank you and again, welcome to the family!

Robert & Becky

Foster Intimidator,

Inc. Owners

Contents

Introduction

Read this owner's manual.

The Intimidator is an off-road vehicle, not a toy. It can be hazardous to operate and should never be operated by anyone other than a trained adult. Failure to follow the warnings and instructions in this manual can result in severe injury or death.

Product Identification Number (PIN)

Your machine's PIN is located between the seat back and cargo bed.

Figure 1: PIN Label

Definitions

Danger:
Indicates a hazardous situation that, if not avoided, may result in serious injury or death

Warning:
Indicates a situation that, if not avoided, may result in injury or property damage

Notice:
Indicates a situation that could result in property damage

Safety

For your protection, warning labels are placed on the vehicle. Read and follow the instructions on the vehicle carefully. If any label becomes illegible or comes off contact your authorized dealer to acquire a replacement.

Discretionary and Age Warning – Located on vehicle dash

Figure 2: Discretionary Warning Label

Danger:

- Improper Use of Off-Highway Vehicles Can Cause Severe Injury or Death

Drive Responsibly
Avoid loss of control and rollovers:

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

Require Proper Use of Your Vehicle
An UTV operator safety course, either through your dealer or online at www.rohva.org is highly recommended.

Do your part to prevent injuries:

- Do not allow careless or reckless driving.
- Make sure operators are 16 or older with a valid driver's license.
- Do not let people drive or ride while under the influence of alcohol or drugs.
- Do not allow operation on public roads (unless designated for off-highway vehicle access) – collisions with cars and trucks can occur.
- Do not exceed seating load capacity.

Seatbelt and Safety Warning – Located on vehicle firewall

Figure 3: Seatbelt and Safety Label

Danger:

- Operator and passengers must fasten seatbelt and all safety nets while the vehicle is in use.
- Safety nets must remain latched at all times and not be damaged.
- If either safety net is damaged or shows significant wear, do not use vehicle until a new safety net is installed.

Improper Use of Off-Highway Vehicles Can Cause Severe Injury or Death.

Be Prepared:

- Fasten seatbelts.
- Wear an approved helmet and protective gear.
- Latch doors.
- Each rider must be able to sit with back against seat, feet flat on floor (and foot rests), and have hands on steering wheel or handhold(s), where equipped. Stay completely inside the vehicle.

Be Sure Riders Pay Attention and Plan Ahead

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

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

ROHVA and ISO Certification Sticker – Located on the driver's side below the roll cage.

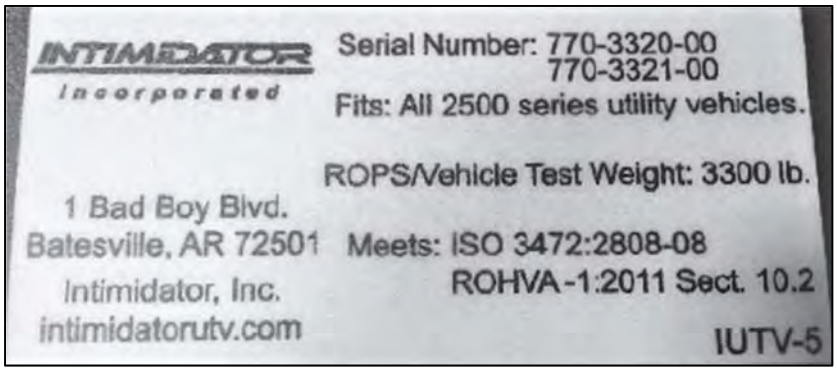

Figure 4: ROHVA Certification Label

Cargo Bed Safety Warning – Located in the cargo bed.

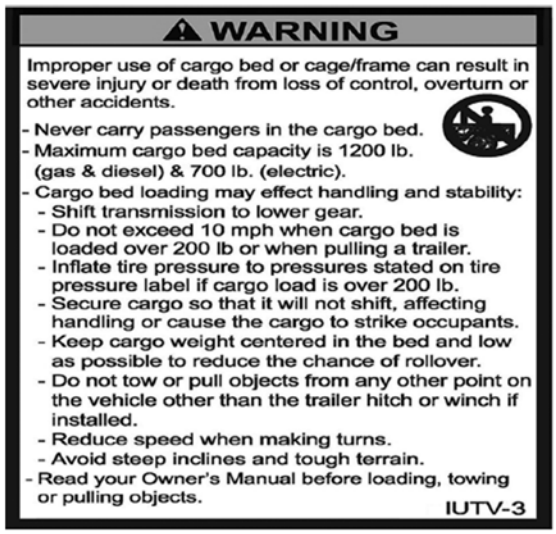

Figure 5: Cargo Bed Safety Label

Improper use of cargo bed or cage/frame can result in severe injury or death from loss of control, overturn or other accidents.

- Never carry passengers in the cargo bed.
- Maximum cargo bed capacity is 1200 lb. (gas & diesel), 700 lb. (electric), and 1000 lb. (GC1K).
- Cargo bed loading may affect handling and stability:
    - Shift transmission to lower gear.
    - Do not exceed 10 mph when cargo bed is loaded over 200 lb. or when pulling a trailer.
    - Inflate tire pressure to pressures stated on tire pressure label if cargo load is over 200 lb.

- Secure cargo so that it will not shift, affecting handling or cause the cargo to strike occupants.
- Keep cargo weight centered in the bed and as low as possible to reduce the chance of rollover.
- Do not tow or pull objects from any other point on the vehicle other than the trailer hitch or winch if installed.
- Reduce speed when making turns.
- Avoid steep inclines and tough terrain.

- Read your owner's manual before loading, towing, or pulling objects.

Tilt Cargo Bed Warning – Located near the handle on the driver's side of the cargo bed.

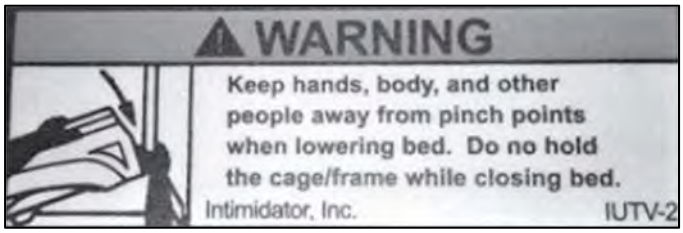

Figure 6: Tilt Cargo Bed Label

Warning:

- Keep hands, body, and other people away from pinch points when lowering bed.
- Do not hold the cage/frame while closing bed.

Tire Pressure Chart – Located inside of the cargo bed on the driver's side.

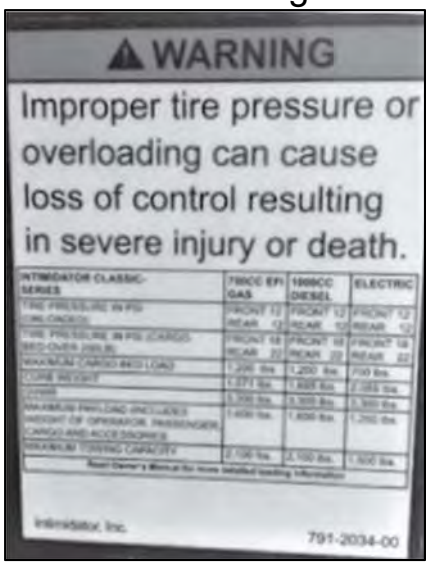

Figure 7: Tire Pressure Label

Tire Rating and Pressure Chart

Tire Position	Size	Max Load Rating (lb.) at Max Pressure	Max Pressure (PSI)
Front	27x10R14	750	18
Rear	27x12R14	1275	22
Front	27x10R14	500	12
Rear	27x12R14	1000	12
Front	28x10.5R14	1000	26
Rear	28x10.5R14	1000	26
Front	28x10.5R14	1000	12
Rear	28x10.5R14	1000	12
Front	30x10.5R15	1000	26
Rear	30x10.5R15	1000	26
Front	30x10.5R15	1000	12
Rear	30x10.5R15	1000	12

Rollover Protective Structure (ROPS) Inspection Guide

ROPS, like any other safety device, need to be periodically inspected to verify that the integrity of the device has not been compromised through normal machine use, misuse, age degradation, modifications, or roll-overs.

Some mechanical discretion is essential, therefore personnel who inspect ROPS need to comprehend and understand the significance of issues like structural corrosion, cracks, and deformation. If in doubt, remove the machine from service and contact the ROPS manufacturer for assistance. Certain conditions will absolutely render the ROPS unusable. Examples are:

- Permanent deformation or twisting.
- Missing, damaged, or loose mounting hardware.
- Mounting hardware that is of a grade lesser than specified.
- Any cracks in the structure (structural members and/or welds).
- Significant corrosion.
- Modifications such as unauthorized welds and holes.
- Missing or unreadable ROPS label.
- Applicable ROPS machine model not specified on the ROPS label.
- Missing seatbelts.
- Incomplete/improper installation.

Other conditions may require immediate service but may not render the unit unusable. Examples are:

- Faded paint.
- Faded, hard to read ROPS label.
- Slightly corroded mounting hardware.

ROPS must be inspected immediately after any type of collision, rollover, or impact. If any damage is evident, the ROPS must be removed from service and replaced.

When a ROPS is removed or installed, mounting hardware must be examined for signs of over-stressing. Damaged mounting hardware must be replaced with proper specification hardware before placing the ROPS back into service.

Properly maintained seatbelts are essential to compliment the operator crush protection designed into the ROPS. All seatbelt and/or seatbelt anchorage systems that show evidence of cuts, fraying or wear, significant discolorations due to exposure to the elements, heavily soiled (especially with oil, grease, or fuel), or any type of damage must be immediately replaced, regardless of age.

General Safety

Never Operate

- If you are under age 16 or without a valid driver's license.
- At speeds too fast for your skills or conditions.
- While under the influence of alcohol or drugs.
- On hills steeper than 15 degrees.
- On public roads or paved surfaces.
- With more than two passengers (five for crew models).
- With any passenger who cannot reach the grab handles.
- With passengers in the cargo box.
- With non-approved accessories or modifications.

Always

- Wear your seatbelt. Vehicle rollover could cause serious injury or death.
- Make sure that both doors are latched before operating the vehicle.
- Wear a helmet and eye protection.
- Reduce speed and use extra caution while carrying passengers.
- Avoid sharp turns or turns while applying heavy throttle.
- Operate slowly in reverse. Avoid sharp turns or sudden braking.

- Make sure passengers read and understand all safety labels.

Operator Safety

- Operator and passengers must fasten seatbelts and ensure that both doors are secure while the vehicle is in use. If doors are damaged or show significant wear, do not use the vehicle until a new door is installed.
- Never operate your vehicle in fast-flowing water or in water deeper than the floorboard. Wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them lightly several times to let friction dry out the pads.
- Check terrain before attempting to climb a hill. Never climb hills with excessively slippery or loose surfaces. Never open the throttle suddenly or make sudden gear changes. Never go over the top of a hill at high speeds.
- Always use the proper size and type of tires specified in this manual. Always maintain proper tire pressure as specified on safety labels.
- Never modify this vehicle through improper installation or use of accessories.
- Never exceed the stated load capacity for this vehicle. Cargo should be properly distributed and securely attached. Reduce speed and follow the instructions in this manual for hauling cargo or pulling a trailer. Allow greater distance for braking.
- Always put the shift lever into Park before getting out of the vehicle.
- Always stop the engine before refueling. Remove flammable material containers from the cargo box before filling them with fuel. Make sure the refueling area is well ventilated and free of any source of flames or sparks.
- Always remove the ignition key when the vehicle is not in use to prevent unauthorized use or accidental starting.
- 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. Never start the engine or let it run in an enclosed area.
- Do not carry a passenger until you have at least two hours of driving experience with the Intimidator.
- Always keep hands and feet inside the vehicle at all times.
- Always inspect the vehicle before each use to make sure it is in safe operating condition. Follow inspection procedures described in this manual.

Operating a Damaged Vehicle

Operating a damaged vehicle can result in an accident. In the case of an overturn or other accident, have a qualified service dealer inspect the entire machine for possible damage, including (but not limited to) brakes, throttle, and steering systems.

Operating at Excessive Speeds
Operating this vehicle at excessive speeds increases the operator's risk of losing control.

Operating on Pavement
This vehicle's tires are designed for off-road use only, not for use on pavement. Operating this vehicle on paved surfaces may cause excessive tire wear and may adversely affect the handling of the vehicle and could result in loss of control, accident, or overturn. If it is unavoidable, travel slowly and avoid sudden turns or stops.

Turning Improperly
Turning improperly could cause loss of traction, loss of control, accident, or overturn. Always follow turning procedures for turning. Never turn abruptly or at sharp angles. Never turn at high speeds. Never abruptly accelerate while turning.

Jumps and Stunts
Attempting wheelies, jumps, and other stunts increases the risk of accident or overturn. Never attempt wheelies, jumps, or other stunts. Avoid exhibition driving.

Improper Hill Climbing
Climbing hills improperly can cause loss of control or vehicle overturn. Do not climb a hill or drive down a hill with a slope of more than 15 degrees.

Stalling While Climbing a Hill
Stalling or rolling backwards while climbing a hill could cause an overturn. Always maintain a steady speed when climbing a hill.

If all forward speed is lost:

- Apply the brakes. Place the transmission in reverse and slowly allow the vehicle to roll straight downhill while applying light brake pressure to control speed.

If you begin rolling downhill backwards:

- Never apply engine power
- Apply the brakes gradually until the vehicle is fully stopped.
- Place the transmission in revers and slowly allow the vehicle to roll straight downhill while applying light brake pressure to control speed.

Improper Tire Size, Type, or Maintenance
Operating this vehicle with improper tire size or type may void the warranty. See your dealer for details. Operating this vehicle with uneven or low tire pressure could cause loss of control or accident. Always use the size and type of tires specified for your vehicle. Always maintain proper tire pressure as described in the owner's manual and on the safety labels.

Equipment Modifications
We strongly recommend that consumers do not install any after-market equipment that may increase the speed or power of the vehicle, or make any other modifications to the vehicle for these purposes. Any modifications to the original equipment of the vehicle create a substantial safety hazard and increase the risk of bodily injury.

The warranty of the Intimidator will void if any unauthorized equipment is added to the vehicle, or if any modifications are made to the vehicle that increase the speed or power.

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

Safe Riding Gear

Always wear appropriate clothing when riding the Intimidator. Wear protective clothing for comfort and to reduce the chance of injury.

Helmet
Wearing a helmet can prevent a severe head injury. Whenever riding the Intimidator or any utility vehicle, always wear a helmet that meets or exceeds established U.S. Department of Transportation (DOT) safety standards.

Eye Protection
Do not depend on eyeglasses or sunglasses for eye protection. Always wear shatterproof goggles or use a helmet with a shatterproof face shield.

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

Boots
Wear sturdy footwear. Do not drive or ride with bare feet.

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

Features, Controls, and Operation

Ignition

Your key is a series type key. It is highly recommended that you obtain additional copies of your key in the case that a key is lost. If all keys are lost, a replacement ignition switch must be installed.

Starting the Kohler 1000 Diesel

To start the engine, press the brake pedal, turn the key to the “On” position, and wait three (3) seconds before cranking the engine.

Starting the Kohler 750 EFI

To start the engine, press the brake pedal and turn the ignition key to the “ON” position.

For the best throttle response and performance, allow the engine to idle for at least one minute after each cold start before applying throttle.

Instrument Cluster

Your Intimidator is equipped with a digital liquid crystal display (LCD) screen. General maintenance is not required. However, a soft cloth can be used for cleaning. Window cleaner or alcohol can also be used to clean the glass portion of the display. Do not use harsh or abrasive cleaners on the display unit.

Figure 8: 4.5" Display

When the gauge starts up it will display the home screen. Displayed on the screen are the following:

- Seatbelt Reminder
- Gear Indicator
    - P – Park
    - R – Reverse
    - N – Neutral
    - L – Low Gear
    - H – High Gear
- Battery Voltage Meter
    - Measures the amount of power in the battery
    - Normal operating range is 12.8V – 14V.
- Engine Temperature (Kohler Diesel only)
- Fuel Gauge
    - When tank is full, all bars are black.
- Revolutions Per Minute (RPM)
    - Engine Speed
- Odometer
    - Distance traveled
- Engine Hours
- Menu
    - User may adjust the LCD screen brightness by pressing the center button once and then using the 1st and 2nd buttons from the left to make the display brighter or dimmer.

Switches

Figure 9: Dash Switches

From Top to Bottom

1. Light Switch
2. 2 Wheel Drive/ 4 Wheel Drive Switch
3. Rear Differential Lock Switch
4. Electric Bed Dump Switch (If equipped)

Lights

All models come equipped with automotive style headlights. Press the switch down to turn on the low beam lights. Press the switch up to turn on the high beam lights. To turn the lights off, place the switch into the middle position.

Dash Lights

All of the warnings and lights can be found either on the main screen of the display gauge or under the diagnostics screen. Under diagnostics you will find all of the error codes that you've received.

Engaging and Disengaging 4 Wheel Drive (4WD)

Warning:

- Do not drive in 4wd on a paved surface.
- Do not engage 4wd while the rear wheels are spinning without traction. Always engage 4wd while the rear wheels have traction or are at rest.
- Engage 4wd before entering conditions where it may be needed. If the rear wheels are spinning, release the throttle before switching to 4wd.

To engage 4wd, press the 4wd dash switch so that the switch light is illuminated. You may engage 4wd while the vehicle is moving while taking the precautions mentioned above.

To disengage 4wd, press the 4wd dash switch so that the switch light is off. In some situations, the front differential may remain locked after turning the 4wd switch off. If this occurs, you may continue to notice increased steering effort and some vehicle speed restrictions. Perform the following procedure to unlock the front differential:

1. Stop the vehicle
2. Operate in reverse for at least 10 feet.
3. Shift into a forward gear and drive.

Locking Rear Differential

Danger:

- Steering and vehicle performance will be altered with the rear differential lock engaged.
- Do not operate faster than 10 mph while on a paved surface. The Intimidator is not intended to operate on paved surfaces.

To engage the differential lock, press the emblem side of the switch. The switch light will turn on, meaning the differential lock is engaged. If one of the rear wheels should slip, press the switch to turn on the differential lock. Both wheels with then turn together, increasing traction. When the ignition is turned off, the rear differential lock is automatically engaged.

Electrical

Accessory 12V Electrical Outlet

Figure 10: 12V Electrical Outlet

- This outlet is activated when the key is switched to the “ON” position.
- Do not connect any device that draws more than 120 watts to this connector or the battery may discharge rapidly or the outlet may fail.
- Do not use as a cigarette lighter.
- Do not use when wet.
- Unplug all accessories when the vehicle key is switched to the “OFF” position.

Adding Switches and In-Dash Accessories
Your Intimidator is designed to allow the dealer to add more switches for accessories and "built-in" accessories like a GPS or radio in the center of the dash above the cup holders. The dash has to be modified to fit most accessories. To minimize the risk of damage to the machine, contact your authorized dealer.

Parking Brake

Warning:

- Do not attempt to place the transmission into "Park" while the vehicle is in motion. Always stop the unit completely before attempting to shift.
- The vehicle's gear shift lever comes properly adjusted from the factory so that the park gear is fully engaged and will not slip. During every pre-ride inspection, check that the gear shift lever is fully engaged into "Park" and will not slip out of gear. Have your authorized dealer annually inspect, lubricate, adjust, or replace the shifter cable.
- When your vehicle is not in use or the key is switched to the "off" position, always place the transmission in "Park."
- Always tie down your vehicle with chains or straps when transporting it on a truck or trailer. Never rely on the parking brake alone. See "Transporting Your Intimidator."

Your Intimidator is equipped with a "Park" gear. While your vehicle is in "Park" with the engine off, both rear wheels will lock. Your vehicle's transmission should be set in "Park" at all times when not in use. If you have hauling or towing heavy loads, always park on level ground. To engage the parking brake, stop the vehicle completely and use the shift lever to move the transmission to the "Park" gear.

Stand-Alone Parking Brake

Warning:

- Improper operation of the parking brake system can result in damage to the brakes and drive system.
- Do not attempt to engage stand-alone parking brake while the vehicle is in motion.
- Allow 5 seconds after disengaging stand-alone parking brake for the system to fully disengage prior to moving the vehicle.

Intimidator crew and truck models can be equipped with a stand-alone parking brake system that locks the rear wheels.

To engage the parking brake:

1. Safely bring the vehicle to a complete stop on a flat, level surface, and shift the transmission to “Park.”
2. Press the toggle switch on the dash to engage the parking brake. A small LED light will illuminate to indicate that the system is engaged.
3. Shut down the engine before removing the seat belt and exiting the vehicle.

To disengage the parking brake:

1. Ensure that all occupants are safely secured.
2. Fully depress the brake, and start the engine.
3. Press the toggle switch on the dash to disengage the parking brake and wait 5 seconds. The LED light will turn off it indicate that the system is disengaged.
4. Operate the vehicle normally.

Shifting Gears

Figure 11: Gear Shift Lever

Warning:

- Do not attempt to shift gears while the vehicle is in motion.
- Always come to a complete stop and hold the brake before attempting to shift into a new gear.

The Intimidator is equipped with a gear selection icon shown on the instrument cluster’s digital display. To shift, bring the vehicle to a complete stop, depress the brake, and move the shift lever to the desired gear. Confirm the gear selection on the LCD screen.

Rollover Protective Structure (ROPS)

Danger:

- Vehicle rollover could cause serious injury or death. Always avoid operating in a manner that could result in vehicle rollover
- Do not grab or hold ROPS while vehicle is moving. If a rollover occurs, holding the ROPS could cause serious injury.
- Modifying or cutting the ROPS can cause serious injury or death.
- Do not add any unauthorized accessory that bolts into the ROPS mounting points.

The ROPS on this vehicle meets American National Standards Institute (ANSI) standards and the Occupational Safety and Health Administration's (OSHA) standards for rollover performance requirements. Always have an authorized Intimidator dealer thoroughly inspect the ROPS if it ever becomes damaged in any way.

Seat Removal

Pull up on the front of the seat and slide it towards the front of the vehicle. To install the seat, slide the seat into the rear of the seat base until the two metal studs attached to the front of the seat are aligned with the two rubber grommets attached to the front of the seat base. Push down firmly on the front of the seat until the studs are fully seated into the grommets.

Seatbelts and Safety Cab Nets

Figure 12: Driver's Side Safety Cab Net

Danger:

- Always fasten your seatbelt and safety cab nets to prevent unwanted egress from a moving vehicle
- Riding in this vehicle without using the factory installed safety cab nets increases the risk of serious injury or death.
- Inspect the safety cab nets for wear and damage prior to each use.
- Ensure that all occupants fasten their seatbelts prior to operating the vehicle.

Tilt Steering

Warning:

- Do not attempt to adjust the steering wheel while the vehicle is in motion.
- Bring the vehicle to a complete stop and shift into “Park” before attempting to adjust the steering wheel position.

Figure 13: Steering Column

Your Intimidator is equipped with tilt steering that can be adjusted by pulling the tilt steering lever towards you, then lifting the steering wheel up or pressing it down. The tilt steering lever is located on the steering column, directly behind the steering wheel.

Hauling Cargo

Danger:

Always follow these precautions when hauling cargo:

- Refer to the cargo bed safety warning label, located in the cargo bed.
- Driving with passengers in the cargo box can result in severe injury or death. Never allow passengers to ride in the cargo box. Passengers must always ride in the cab with seatbelts fastened securely.
- Hauling cargo improperly can alter vehicle handling and may cause a loss of control which can result in serious injury or death.
- Never exceed the maximum weight capacity of the vehicle. When determining the weight that you are adding to the vehicle, include the weight of the operator, passengers, accessories, cargo loads, and the load on the trailer tongue. The combined weight of these items must not exceed the maximum weight capacity.
- Reduce speed and allow greater distances for braking when hauling cargo.
- Always load the cargo box with the load as far forward 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 or towing loads.
- Slow down and drive in low range if possible.
- Secure all loads before operating.
- Vehicle should never exceed 10 mph while towing a heavy load on a level grass surface. Vehicle speed should never exceed 5 mph when towing heavy loads in rough terrain, while cornering, or while ascending or descending a hill.
- Use extreme caution when applying brakes with a loaded vehicle. Avoid terrain or situations that may require braking downhill. Allow extra distance for braking.

Cargo Bed Tailgate

Danger:

- Do not sit or stand on the tailgate.
- Do not place fingers or hands between the tailgate and the latch when closing

To open the tailgate, twist the latch in the middle of the tailgate and then pull. The tailgate is supported by tailgate cables. Do not remove the cables.

Dumping the Cargo Box

Danger:

- If the weight in the cargo box is located towards the rear of the box when the release lever is lifted, the box may dump unexpectedly and cause serious injury.
- Distribute the load evenly throughout the cargo box.

Warning:

- If the cargo box is loaded to full weight capacity it may be difficult to dump.
- Use extreme caution.

To use the cargo dump box:

1. Select a level site to dump the cargo box. Do not attempt to dump or unload the vehicle while parked on an incline.
2. Safely place the transmission into “Park.”
3. Dismount the vehicle.
4. Ensure that the cargo is positioned evenly in the cargo box.
5. Lower the tailgate.
6. Position yourself next to the cargo box release lever located on the driver’s side of the cargo box.
7. Pull up on the cargo box release lever, and lift the front of the box to dump the cargo.
8. Lower the cargo box and push down securely to engage the latch.

Figure 14: Bed Dump Release

Electric Dump Bed (if equipped)

Press and hold the left side of the rocker switch to dump the cargo bed. Quickly release the switch when the tilt height has maxed out or the actuator starts to make a clicking sound. To lower the bed, press and hold the right side of the rocker switch. Quickly release the switch when the bed is down or the actuator starts to make a clicking sound.

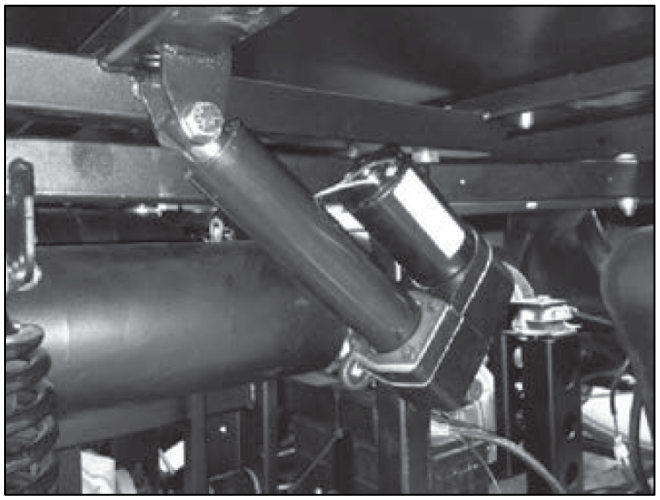

Figure 15: Electric Dump Bed Actuator

Towing

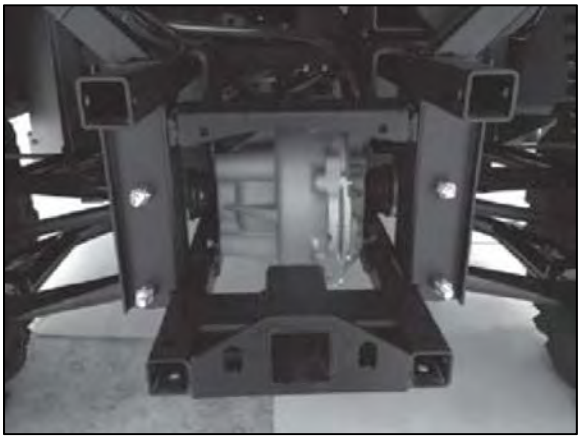

Figure 16: 2" Receiver Hitch

Danger:

Always follow these precautions when towing a load.

- Never load more than 300 lb. tongue weight on the rear towing bracket.
- Never load more than 200 lb. tongue weight on the front towing bracket.
- Do not operate the vehicle faster than 10 mph when hauling or towing loads on a level surface.
- Do not exceed 5 mph when hauling or towing loads on uneven surfaces, rough terrain, while cornering, or while ascending or descending a hill.
- Do not tow more than the recommended weight for the vehicle.
- Attach a trailer to the rear trailer hitch bracket only. Do not attach a trailer to any other location or you may lose control of the vehicle.
- Never tow a trailer on a grade steeper than 15 degrees.
- Always operate in low gear when hauling or towing in excess of 200 lb. with either the cargo bed or trailer.

Tow Capacity Chart

Model	Max. Towed Load on Level Ground	Max Towed Load on 15° Slope	Max Rear Hitch Tongue Weight	Max Front Hitch Tongue Weight
Kohler 750 EFI	2,100 lb.	1,000 lb.	300 lb.	200 lb.
Kohler 1000 Diesel	2,100 lb.	1,250 lb.	300 lb.	200 lb.

Adjusting Rear Spring Position

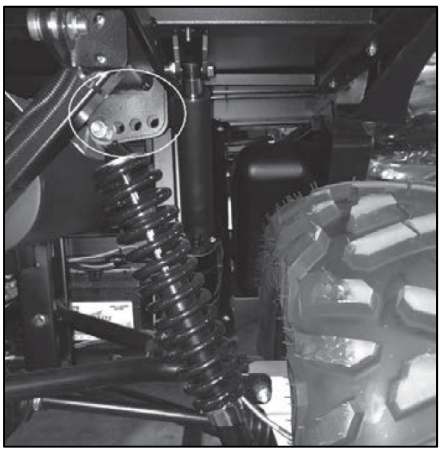

Figure 17: Rear Shock

Danger:

When adjusting the rear spring position:

- Work on a firm, flat, level surface with the engine off.
- Place the transmission in “Park.”
- Keep the position of the left and right shock absorbers equal. Uneven adjustments can cause loss of control.

Notice:

- A special tool is required to adjust the shock spring.
- Authorized Intimidator dealers are equipped to make these adjustments for you.

All four shock absorbers have four spring position adjustments on the top, which tighten or loosen the spring travel rate to adjust the suspension for different terrain and payload conditions. If you plan to haul heavy cargo or have a heavy accessory, like a snowplow, you can tighten the spring rate by moving the silver ring up. In doing so, the vehicle will not squat as much, giving you more ground clearance and better steering control.

In addition to the four spring position adjustments, the rear shock absorbers have multiple mounting positions to further adjust the stiffness of the ride by changing the angle in which the shocks are mounted. With heavy loads, the shocks should be mounted in the near-vertical position. If you haul light-to-medium size loads and want a smoother ride, the shocks can be mounted at a steeper angle which will also increase wheel travel.

Fuel

Danger:

- Handle fuel carefully
- Do not fill the fuel tank with the engine running.
- Do not smoke while filling the fuel tank or servicing the fuel system.
- Fill the fuel tank to the bottom of the filler neck.
- Do not use E15, E20, or E85 fuels.

Gas Models

Notice:

- For gas models it is recommended to only use unleaded gasoline with an index rating of 90 or higher.
- The effects of old, stale, or contaminated fuel are not covered by warranty.

Follow these guidelines regarding the fuel in your vehicle:

- Use fuel within 30 days of purchase to avoid deterioration in gasoline quality, or add fuel stabilizer to keep fuel fresh.
- Use gasoline within the season it was purchased
- Never remove the fuel tank cap or add fuel with the engine running.
- Allow to the engine to cool before refueling.
- Never overfill the fuel tank. Tighten the cap securely when the tank has been properly filled.
- Clean up spilled fuel immediately. If fuel is spilled near the vehicle, do not attempt to start the engine. Move the vehicle away from the spill.
- Research Octane Number (RON) 90 octane minimum
- Gasoline up to 10% alcohol, 90% unleaded is acceptable.
- Methyl Tertiary Butyl Ether (MTBE) and unleaded gasoline blend (mx 15% MTBE by volume) are approved.
- Do not add oil to gasoline.

Diesel Models

Notice:

- High sulfur content in fuel may cause engine wear.

Follow these guidelines regarding the fuel in your vehicle:

- Only use clean, fresh, commercial-grade diesel fuel.
- ASTM D-975; 1D; 2D; EN590 or equivalent fuels are all suitable fuels.
- Utilize special winter fuels for temperatures below 32° F (0° C).

- Biodiesel fuels meeting the specifications of BQ-9000, EN 14214 or equivalent are recommended.
- Fuels containing less than 20% methyl ester or B20 are suitable for use in this engine.
- Do not use vegetable oil as a biodiesel fuel for this engine.
- Any failures resulting from the use of fuels other than recommended are not covered by warranty.

Bleeding the Kohler 1000 Diesel Fuel System

Ensure that the vehicle is safely parked on a flat, level surface. Ensure that the ignition is off and that the engine is allowed to cool before beginning this procedure. Wear all appropriate PPE.

1. Loosen the union bolt connected to the pipe coming from the injection pump overflow.
2. Turn the ignition key to first position to power the solenoid valve.
3. Operate fuel pump with lever on mechanical feeding pump.
    a. Never manually operate the fuel pump with the engine turning over or running.
4. After air has been purged from the system, tighten the union bolt.

Refer to your specific engine manual for more information about your diesel engine system.

New Vehicle Break-In

Notice:

- The first 5 hours of vehicle operation are the most sensitive hours during the life of the engine.
- Do not operate at full throttle or high speeds for extended periods during this time.

Properly breaking in your machine's engine is the single most important maintenance action relating to longevity and performance. By taking the proper break-in steps, you will set up your engine for a lifetime of reliable operation.

- Operate the vehicle at various throttle levels. Do not use the same throttle level for the entire break in period.
- During the first 5 hours, operate the engine at varying throttle levels, but do not increase the throttle past ¾ power for any extended period.
- Between 5 and 20 hours, operate the engine throttle normally, but do not maintain high throttle for any extended length of time.
- After the first oil change, operate the throttle normally and freely.

Service and Maintenance

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

Inspect, clean, lubricate, adjust, and replace parts as recommended by the periodic maintenance chart in this manual. When inspection reveals the need for replacement parts, use genuine Intimidator parts, available from your authorized Intimidator dealer.

Maintenance intervals in the periodic maintenance chart are based upon average riding condition. Vehicles subject to sever use must be inspected and serviced more frequently.

Severe Use Definition

- Extended idle.
- Short-trip, cold weather operation.
- Prolonged low-speed, heavy-load operation.
- Frequent or prolonged operation in dusty environments.
- Frequent immersion in mud, water, or sand.
- Prolonged high speed and high RPM use.

If your vehicle falls under the severe use definition, perform all maintenance at intervals more frequent than stated on the chart.

Kohler 750 EFI Engine Specifications

Bore	83 mm (3.27 in.)
Stroke	69 mm (2.72 in.)
Displacement	747 cc (45.6 $in^{3)}$
Oil Capacity* (refill)	1.9 L (2.0 quarts)
Oil Type	Intimidator SYN 10W-40**
Spark Plug Gap	0.76 mm (0.3 in.)
Maximum Angle of Operation (full oil level)	25°
*Filter capacity not included. Always check the dipstick before operation. **Factory-filled with this recommended fluid.	

Kohler 1000 Diesel Engine Specifications

Cylinders	3
Bore	75 mm (2.95 in.)
Stroke	77.6 mm (3.1 in.
Displacement	1,028 cc (62.7 in^3
Oil Capacity* (refill)	2.5 quarts
Oil Type	Intimidator SYN 10W-40**
Maximum Angle of Operation (full oil level)	25°
*Filter capacity not included. Always check the dipstick before operation. **Factory-filled with this recommended fluid.	

Intimidator Lubrication and Fluid Chart

Recommended factory fluids

Item	**Lubricant**	**Quantity**	**Method**
Brake Fluid	DOT 3	Between min and max	Maintain level between fill lines
Front Differential Oil	Shell Spirax S3 TLV	180 ml	
Rear Differential Oil	Shell Spirax S4 AX 80w90	550 ml	
Transmission/Gearbox Oil	Valvoline SYN 75W-140	700 ml	

Periodic Maintenance Schedule

Notice:

- Clean or replace the air cleaner element more often when the engine is operated on dusty roads or in a heavily polluted environment.
- Maintenance should be performed more often if the engine is frequently operated at high speed and after the engine has accumulated a higher mileage.
- Preventative Maintenance:
    - Ignition System – perform maintenance and check when continuous abnormal ignition, misfire, after-burn, or overheating occur.
    - Carbon Deposit Removal – remove carbon deposits in cylinder head, piston heads, and exhaust system when power is obviously lower than normal
    - CVT belt – replace if there are cracks or abnormalities on the surface

Item	Interval (whichever comes first)	Remarks
Clean engine surroundings/components of debris	Pre-ride	
Cab Safety Nets	Pre-ride	Check for tightness, damage, and operation
Seat Belts	Pre-ride	Check for damage and operation
Shift Linkage	Pre-ride	Make sure “Park” will fully engage. Adjust if necessary
Coolant Hoses	Pre-ride	Inspect, adjust
Coolant Level	Pre-ride	Inspect, adjust
Brake Fluid Level	Pre-ride	Inspect, adjust
Brake System/ Throttle Pedal Travel	Pre-ride	Inspect, adjust
Fuel, Oil Level	Pre-ride	Inspect, adjust
Steering	Pre-ride	Inspect, adjust
Front Suspension	Pre-ride	Inspect, adjust
Rear Suspension	Pre-ride	Inspect, adjust
Tires	Pre-ride	Inspect, adjust
Wheels/Fasteners	Pre-ride	Inspect, adjust
Frame/Fasteners	Pre-ride	Inspect
Headlights, Tail Lights	Pre-ride	Inspect, adjust
Axle, Steering Joint Boots	Pre-ride	Inspect, adjust
Air Filter	10hr /monthly	Clean, replace if necessary
Change Engine Oil (initial break-in only)	20hr	Change engine oil, filter
Check Valve Clearance	25hr /3 months	Check, adjust if necessary
Brake Pads	25hr /3 months	Inspect
Service Air Filter	25hr /3 months	Inspect, clean, replace if necessary
Battery	25hr /3 months	Check terminals, water level
Transmission/Gearbox Oil	25hr /3 months	Inspect level, change yearly
Rear Differential Oil	25hr /3 months	Inspect, change yearly
Front Differential Oil	25hr /3 months	Inspect, change yearly
Change Engine Oil and Filter (reoccurring)	50hr /6 months	
Spark Arrestor	50hr /6 months	Inspect, clean, replace if necessary

Engine Oil Cooler Fins	100hr /12 months	Clean as necessary
Driveshaft U-joints and Spline Shafts	100hr /12 months	Lubricate zerk fittings
Shift Linkage	100hr /12 months	Inspect, lubricate, adjust
Steering	150hr /12 months	Inspect, lubricate
Throttle Cable	150hr /12 months	Inspect, adjust, lubricate, replace if necessary
CVT Belt	150hr /12 months	Inspect, replace if necessary
Valve Clearance	150hr /12 months	Inspect, adjust
Fuel System	250hr /24 months	Inspect for leaks, change fuel filter
Coolant	250hr /24 months	Drain, replace
Engine Mounts	250hr /24 months	Inspect
Wiring	250hr /24 months	Inspect for wear, apply dielectric grease to connectors
Spark Plugs	250hr /24 months	Replace if needed
Ignition Timing	250hr /24 months	Adjust
Exhaust System	250hr /24 months	Inspect for leaks, operation
Brake Fluid	350hr /36 months	Drain, change fluid
CVT Clutch	350hr /36 months	Inspect, clean, replace worn parts
Wheel Bearings	350hr /36 months	Inspect, adjust
Toe Adjustment	350hr /36 months	Inspect, adjust

Fuse and Relay

Fuses and relays can be found in a fuse box under the front hood. The main fuse, located near the main battery, is a 60A fuse.

Kohler 750 EFI Fuse Block

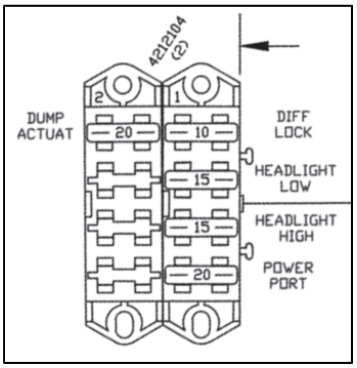

Figure 18: Fuse Block Schematic

Kohler 750 EFI Fuse Chart

Main Fuse (Battery)	80A
Front Engine Fuse	30A
Middle Engine Fuse	10A
Rear Engine Fuse	10A
Differential Lock	10A
Headlight Low Beam	15A
Headlight High Beam (if equipped)	15A
12V Accessory Port	20A
Electric Bed Dump Actuator (if equipped)	20A

Kohler 750 EFI Relay Block

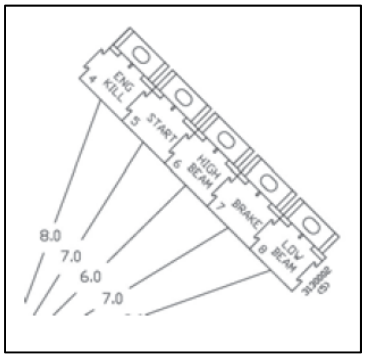

Figure 19: Relay Block Schematic

Kohler 1000 Diesel Fuse Block

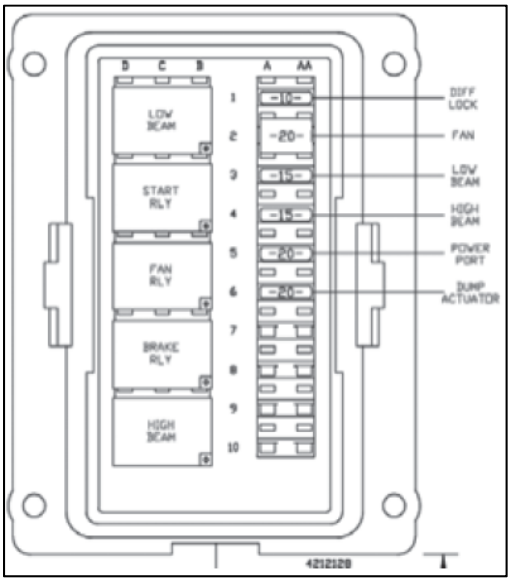

Figure 20: Fuse Block Schematic

Kohler 1000 Diesel Fuse Chart

Main Fuse (Battery)	80A
Glow Plugs	50A
Differential Lock	10A
Fan	15A
Headlight Low	15A
Headlight High (If equipped)	15A
12V Accessory Port	20A
Electric Bed Dump Actuator (if equipped)	20A

Kohler 1000 Diesel Relay Block

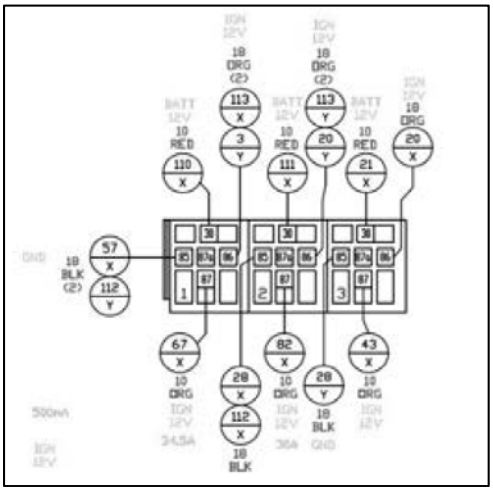

Figure 21: Relay Block Schematic

Fault Codes

If your vehicle is having an issue and you are able to obtain data from a fault code reader it may help to resolve the issue more quickly.

Number	Fault Code	Description
1	XXXXX	Un define
2	B2225	Tilt switch diagnosis (Short Circuit Battery)
3	B2226	Tilt switch diagnosis (Short Circuit Ground/Open Circuit)
4	P0000	No DTC
5	P0031	Sensor heater diagnosis #0 (Short Circuit Ground/Open Circuit)
6	P0032	Sensor heater diagnosis #0 (Short Circuit Battery)
7	P0107	MAP sensor diagnosis (Short Circuit Ground/Open Circuit)
8	P0108	MAP sensor diagnosis (Short Circuit Battery)
9	P0112	Intake air temperature sensor diagnosis (Short Circuit Ground)
10	P0113	Intake air temperature sensor diagnosis (Short Circuit Battery/Open Circuit)
11	P0114	Electrical intake air temperature intermittent diagnosis (failure)
12	P0117	Coolant Temperature Sensor (Short Circuit Ground)
13	P0118	Coolant Temperature Sensor (Short Circuit Battery/Open Circuit)
14	P0119	Coolant temperature intermittent diagnosis (failure)
15	P0121	TPS position sensor adaptation diagnosis (out of range)
16	P0122	Throttle Position Sensor 1 (Short Circuit Ground/Open Circuit)
17	P0123	Throttle Position Sensor 1 (Short Circuit Battery)
18	P0131	Lambda sensor #0 diagnosis (Short Circuit Ground)
19	P0132	Lambda sensor #0 diagnosis (Short Circuit Battery)
20	P0133	Lambda sensor #0 diagnosis (Open Circuit)
21	P0171	Lambda control diagnosis #0 (too high)
22	P0172	Lambda control diagnosis #0 (too low)
23	P0217	Engine coolant over temperature protection diagnosis
24	P0219	Engine over speed detection diagnosis
25	P0231	Electric fuel pump diagnosis (Short circuit Ground/Open Circuit
26	P0232	Electric fuel pump diagnosis (Short Circuit Battery)
27	P0261	Injection valve diagnosis #0 (Short Circuit Ground/Open Circuit)
28	P0262	Injection valve diagnosis #0 (Short Circuit Battery)
29	P0264	Injection valve diagnosis #1 (Short Circuit Ground/Open Circuit)
30	P0265	Injection valve diagnosis #1 (Short Circuit Battery)
31	P0351	Ignition diagnosis #0 (Short Circuit Battery)
32	P0352	Ignition diagnosis #1 (Short Circuit Battery)
33	P0370	Loss of synchronization diagnosis
34	P0371	Crankshaft sensor diagnosis
35	P0373	Crankshaft sensor diagnosis
36	P0462	FUEL sensor diagnosis (Short Circuit Ground)
37	P0463	FUEL sensor diagnosis (Short Circuit Battery/Open Circuit)
38	P0484	Cooling fan diagnosis (Short Circuit Battery)
39	P0485	Cooling fan diagnosis (Short circuit Ground/Open Circuit)
40	P0560	Battery voltage diagnosis (too low) _VBR
41	P0561	Battery voltage diagnosis (too high) _VBR

42	P0562	Battery voltage diagnosis (too low) _VBK
43	P0563	Battery voltage diagnosis (too high) _VBK
44	P0608	Reference voltage diagnosis (Short Circuit Battery)
45	P0609	Reference voltage diagnosis (Short Circuit Ground/Open Circuit)
46	P0615	Starter 1 diagnosis (Open Circuit)
47	P0616	Starter 1 diagnosis (Short Circuit Ground)
48	P0617	Starter 1 diagnosis (Short Circuit Battery)
49	P0630	VIN coherence
50	P0651	MIL diagnosis (Short Circuit Ground/Open Circuit)
51	P0652	MIL diagnosis (Short Circuit Battery)
52	P1352	Ignition diagnosis #0 (Short Circuit Ground/Open Circuit)
53	P1353	Ignition diagnosis #1 (Short Circuit Ground/Open Circuit)
54	P1508	Stepper motor diagnosis (Short Circuit Ground/Open Circuit
55	P1509	Stepper motor diagnosis (Short Circuit Battery)
56	P1615	Starter 2 diagnosis (Open Circuit)
57	P1616	Starter 2 diagnosis (Short Circuit Ground)
58	P1617	Starter 2 diagnosis (Short Circuit Battery)

Engine Oil

Your machine is factory-filled with Intimidator SYN 10W-40. This is the recommended engine oil. Always check and change the oil at intervals outlined in the periodic maintenance chart.

Pay attention to the oil level. A rise in oil level during cold weather can indicate contaminant collection 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 or see your dealer.

Warning:

- Hot oil can cause burns to skin.

Kohler 750 EFI

Oil Check

The oil dipstick and fill tube are located towards the bottom of the engine. To check the oil:

1. Ensure that the vehicle is safely parked on a level surface with the ignition off.
2. Let the engine cool so oil has time to drain into the sump.
3. Remove the seat.
4. Locate and remove the dipstick. Wipe it dry with a clean cloth.
5. Reinstall the dipstick completely, but do not lock it.

6. Remove the dipstick and check the oil level. Maintain the oil level within the range specified on the dipstick. Do not overfill.
7. Reinstall the dipstick.
8. Reinstall the seat.

Engine Oil and Filter Change

Always change the oil and filter at the intervals outline in the periodic maintenance chart. Always change the oil filter when changing the oil.

1. Ensure that the vehicle is safely parked on a level surface with the ignition off.
2. Clean the area around the drain plug and oil fill cap/dipstick.
3. Place a drain pan beneath the engine crankcase.
4. Remove the 11/16” drain plug under the driver’s seat and allow the oil to drain completely.
5. Reinstall the sealing washer on the drain plug. The sealing surfaces on the drain plug and crankcase should be clean and free of burrs, nicks, or scratches.
6. Reinstall the drain plug and torque to 10 ft. lbs.
7. Place the drain pan under the oil filter. Use an oil filter wrench to turn the filter counterclockwise to remove it.
8. Use a clean, dry cloth to clean the filter sealing surface on the crankcase.
9. Lubricate the O-ring on the new filter with a film of fresh engine oil. Inspect the O-ring to ensure that it is in good condition.
10. Install the new filter and turn by hand until the filter gasket contacts the sealing surface, then turn an additional ½ turn.
11. Fill with 2 quarts of new oil. The oil level should reach the top of the indicator on the dipstick.
12. Reinstall the oil fill cap/dipstick and tighten securely.
13. Apply the brakes. Start the engine and allow to idle for two minutes.
14. Stop the engine and inspect for leaks.
15. Check the oil level on the dipstick and add oil as necessary to bring the level to the upper safe mark.
16. Reinstall the fill cap/dipstick and the seat.

Kohler 1000 Diesel

Oil Check

The dipstick is located on the engine and the fill tube is located behind the driver's seat, between the bed and cab. To check the oil:

1. Ensure that the vehicle is safely parked on a level surface with the ignition off.
2. Remove the seat.
3. Locate and remove the dipstick. Wipe it dry with a clean cloth.
4. Reinstall the dipstick completely but do not lock it.
5. Remove the dipstick and check the oil level. Maintain the oil level within the range specified on the dipstick. Do not overfill.
6. Reinstall the dipstick.
7. Reinstall the seat.

Engine Oil and Filter Change

Always change the oil and filter at the intervals outline in the periodic maintenance chart. Always change the oil filter when changing the oil.

1. Ensure that the vehicle is safely parked on a level surface with the ignition off.
2. Clean the area around the drain plug and oil fill cap/dipstick.
3. Place a drain pan beneath the engine crankcase.
4. Remove the drain plug, and allow the oil to drain completely.
5. Reinstall the sealing washer on the drain plug. The sealing surfaces on the drain plug and crankcase should be clean and free of burrs, nicks, or scratches.
6. Reinstall the drain plug and torque to 30 ft. lbs.
7. Place the drain pan under the oil filter. Use an oil filter wrench to turn the filter counterclockwise to remove it.
8. Use a clean, dry cloth to clean the filter sealing surface on the crankcase.
9. Lubricate the o-ring on the new filter with a film of fresh engine oil. Inspect the o-ring to ensure that it is in good condition.
10. Install the new filter and turn by hand until the filter gasket contacts the sealing surface, then turn an additional ½ turn.
11. Fill with 2.5 quarts of new oil. The oil level should reach the top of the indicator on the dipstick.
12. Reinstall the oil fill cap/dipstick and tighten securely.
13. Bleed the fuel system if needed.
14. Apply the brakes. Start the engine and allow to idle for two minutes.
15. Stop the engine and inspect for leaks.
16. Check the oil level on the dipstick and add oil as necessary to bring the level to the upper safe mark.
17. Reinstall the seat.

Spark Plug Inspection (Kohler 750 EFI)

Warning:

- Hot exhaust system and engine can cause burns.

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 color.

1. Ensure that the vehicle is safely parked on a flat surface.
2. Remove the seat and the spark plug cap.
3. Remove the spark plug by rotating it counterclockwise.
4. Observe the spark plug.
    a. A normal plug insulator tip is gray, tan, or light brown with few combustion deposits and electrodes in good condition. If the tip is white, overheating has occurred. Improper spark plugs or incorrect throttle body adjustments can cause overheating.
    b. A spark plug that is wet fouled will have a black insulator tip with a damp oil film covering the firing end. Excessive oil or incorrect throttle body adjustments can wet foul spark plugs.
5. Reinstall the plug by inserting it into its housing and rotating it clockwise until tight.

Cooling System

Danger:

- Radiator coolant is under pressure when the vehicle is hot. Escaping steam can cause burns.
- NEVER remove the radiator pressure cap while the engine is warm or hot.
- Always allow the engine to cool before removing the pressure cap.

Notice:

- Do not travel through water deeper than 12 inches, or the center cap of the wheels. Water can enter the engine and damage essential components.
- Driving through tall grass or leaves can cause debris to build up on the engine fan, impeding engine cooling. Frequently check to ensure that the engine fan is free of debris.

Kohler 1000 Diesel
Your vehicle's cooling system consists of an aluminum radiator with a pressure cap, overflow bottle, and connecting hoses which attach to the engine. As coolant operating temperature increases, the coolant heats, expands, and is forced out of the radiator past the pressure cap, and into the overflow bottle. As coolant temperature decreases, the coolant cools, contracts, and is drawn back up from the tank, past the pressure cap, and into the radiator.

Some coolant level drop on new vehicles is normal as the system is purging itself of trapped air. Observe coolant levels and maintain as recommended by adding coolant to the overflow bottle.

Adding or Changing Coolant
It is recommended that coolant be drained and replaced every two years. Use a premixed, ready-to-use antifreeze that consists of 50% antifreeze and 50% distilled water. Do not dilute premixed antifreeze with water. Keep the overflow bottle filled to the recommended level.

Radiator and Cooling Fan
Always keep the radiator screen clean and free of mud and debris. Do not obstruct or deflect air flow through the radiator by installing unauthorized accessories in front of the radiator or behind the cooling fan. Interference with the radiator air flow can lead to overheating and consequent engine damage. Do not spray the radiator with a high-pressure hose, as it could damage the radiator fins and impair their effectiveness.

The electric cooling fan is controlled by a temperature switch and will automatically turn on when needed. Periodically check the fuse and fan to ensure its proper operation.

Air Filter
Always change the air filter at intervals outlined in the periodic maintenance chart. Service the air filter more frequently if the vehicle is operated in wet conditions, dusty conditions, or if the vehicle is operated at high throttle for extended periods.

To change the air filter:
1. Locate the air filter housing under the cargo bed on the driver's side of the vehicle.
2. Release the two latches to remove the plastic end cap.
3. Pull out the cylinder-shaped air filter.
4. Clean the filter or obtain a replacement.
5. Reinstall the air filter

Valve Clearance

Excessive valve clearance results in valve noise. Insufficient valve clearance results in valve damage and reduced power.

Check the intake and exhaust valve clearances at the distances indicated below and adjust the valve clearances to the indicated specification if necessary.

Valve clearance is to be checked when the engine is cold. The intake and exhaust valves must be checked and adjusted when the piston is at the TOP-DEAD-CENTER (TDC) of the compression stroke.

1. Ensure that the vehicle is safely parked on a flat surface with the engine off.
2. Remove the top cover and air cleaner.
3. Remove the cylinder head cover.
4. Turn the camshaft bolt in the clockwise direction and let the printing mark on the camshaft sprocket align with the cylinder head mark so that the piston is placed in the TDC position in the compression stroke.

Warning:

- Do not turn the bolt in the counter-clockwise direction to prevent camshaft bolt looseness.

5. Check and adjust the valve clearance with a feeler gauge. Standard Value:
    a. Intake: 0.10 ± 0.02 mm
    b. Exhaust: 0.15 ± 0.02 mm.
6. Loosen the fixing nut and turn the adjustment nut for adjustment.
7. Re-assemble in the reverse order

Transmission and Gearbox

Always check and change the transmission oil at the intervals outlined in the periodic maintenance chart. Refer to the lubrication and fluid recommendations chart for type and capacities.

Gearbox Oil Check

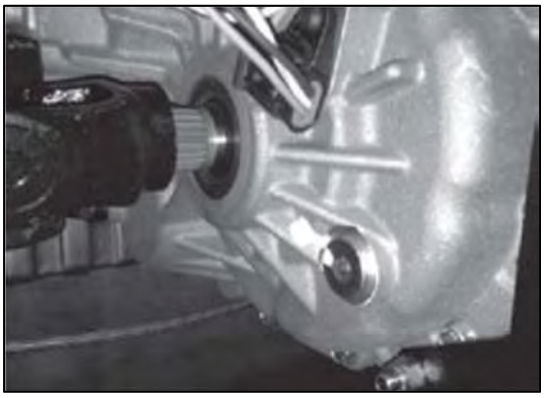

Figure 22: Gearbox Check Plug

The gearbox oil check/fill plug is located on the back, passenger side of the gear case. Maintain the oil level even with the bottom of the check/fill plug hole threads. To check the gearbox oil level:

1. Ensure that the vehicle is safely parked on a level surface with the ignition off.
2. Remove the gearbox oil fill plug.
3. Visually observe the oil level.
4. Add oil as needed.
5. Reinstall the fill plug.

Gearbox Oil Change

The gearbox oil drain plug is located on the lower-front, driver side of the gear case. To change the gearbox oil:

Figure 23: Gearbox Drain Plug

1. Ensure that the vehicle is safely parked on a level surface with the ignition off.
2. Place a drain pan under the gear case.
3. Remove the drain and fill plugs. Allow the oil to drain completely.

4. Clean and reinstall the drain plug.
5. Add enough gearbox oil to fill the gearbox to the bottom of the fill plug hole threads. See: Intimidator Lubrication and Fluid Chart, for recommended fluids.
6. Reinstall the fill plug.
7. Inspect for any leaks.

Adjusting the Shifter Linkage

Warning:

- Your vehicle's gearshift lever comes properly adjusted from the factory sot that the "Park" gear is fully engaged and will not slip.
- During every pre-ride inspection ensure that the gearshift lever is fully engaged into "Park" and does not slip out of gear.
- Have your authorized dealer annually inspect, lubricate, adjust, or replace the shifter cable.

If the transmission shifting lever on the dash is not fully engaging into "Park" or "Low," it needs to be adjusted. To adjust the linkage:

1. Locate the shift linkage heim connected to the shifter lever under the hood.
2. Remove the nut connecting the heim to the shifter lever.
3. Rotate the heim to adjust it in or out in half revolution increments.
4. Re-attach the heim to the shift lever and perform a function test.
    a. Place the transmission into park
    b. Attempt to push the machine backwards (on a level surface)
    c. If the transmission disengages "Park," readjust the heim and test again.
5. Repeat this process until the shifter does not disengage "Park" and shifts accurately between gears.

Differentials

The front and rear differentials are the transfer point from the engine to the axles. Check and change the differential oil at the intervals outlined in the periodic maintenance chart. Maintain the oil level even with the bottom thread of the fill plug hole. Refer to the front or rear differential specifications on the oil lubrication and fluid recommendations chart for type and capacities.

Differential Oil Check

On the front differential, the check/fill plug is located on the driver's side facing the rear. On the rear differential, the check/fill plug is located on the passenger side facing the wheel. To check the differential oil:

1. Ensure that the vehicle is safely parked on a flat surface.
2. Place the gearbox into "Park."
3. Remove the fill plug. Check the oil level.
4. Add oil as needed.
5. Reinstall the fill plug.

Differential Oil Change

On the front differential, the drain plug is located on the bottom in the center. On the rear differential, the drain plug is located on the passenger side. To change the differential oil:

1. Ensure that the vehicle is safely parked on a flat surface.
2. Place the gearbox into "Park."
3. Place a drain pan under the drain plug.
4. Remove the fill plug.
5. Remove the drain plug. Allow the oil to drain completely.
6. Clean and reinstall the drain plug.
7. Fill with oil to the correct level.
8. Reinstall the fill plug.
9. Check for leaks.
10. Dispose of lubricant in accordance with local regulations.

Continuously Variable Transmission (CVT)

Figure 24: CVT Housing

Danger:

- Only qualified personnel are to perform installation, maintenance, adjustments, and repair operations on the variable speed transmission system.

Your vehicle is equipped with a CVT which rotates at high speed, creating large amounts of force on clutch components. As the owner, you have the responsibility to make sure that this system remains safe. Turn the vehicle off and remove the ignition key when servicing any part of the CVT system, engine, or any component accessible under the seat. Do not modify any components of the CVT system. Always follow all recommended maintenance procedures. Always look for and remove debris inside and around the clutch and vent system when replacing the belt.

Notice:

- To help minimize belt slippage and increase the life of the CVT belt, shift to “Low” gear while operating at slower speeds, hauling heavy cargo, or towing a trailer.
- Do not travel through water deeper than 12 inches.

CVT Belt Replacement/Debris Removal

Danger:

- Failure to remove all debris when replacing the belt could result in vehicle damage and severe injury.

If the belt fails, always clean any debris from the duct, the clutch, and all engine compartments when replacing the belt:

1. Ensure that the vehicle is safely parked on a flat surface with the engine off and the key removed from the ignition.
2. Remove the seat.
3. Remove the CVT cover.
4. Remove all debris wrapped in and around the CVT system and air duct passage.
5. Check for signs of damage to seals on the transmission and engine. See your dealer promptly for service if any seals appear to be damaged.
6. Replace the CVT cover and the seat.

CVT Drying

Use the following instructions to dry out a wet CVT before operating:

1. Ensure that the vehicle is safely parked on a flat surface with the engine off.
2. Remove the CVT drain bolt
3. Allow all water to drain from the CVT.
4. Reinstall the drain bolt.

Figure 25: CVT Drain Bolt

Note:

- If any debris entered the CVT, the CVT must be cleaned and inspected.

5. Apply the brakes and start the engine.
6. Apply varying throttle for 15 seconds to expel the moisture and air-dry the belt and clutches. Do not hold the throttle at maximum.
7. Allow the engine RPM to settle to idle speed.
8. Shift to “Low” gear.
9. Drive slowly. Test for belt slippage. If the belt slips, begin the drying process from step 1.
10. If the belt continues to slip after repeating the process several times, take the vehicle to your authorized dealer.

Vehicle Submerged in Water

Notice:

- If your vehicle becomes immersed in water, major engine damage can result.
- Intimidator warranty does not cover vehicles submerged in water over the floor board.
- If your vehicle does become submerged above the engine, thorough inspection is necessary.
- It is recommended that you take the vehicle to your dealer before starting the engine.

If it is impossible to take your vehicle to a dealer before starting the engine, follow these steps:

1. Tow the vehicle to dry land.
2. Dray and water present in the air box. Filter replacement is required if water is present.
3. Thoroughly dry the air filter.
4. Drain and replace the engine oil.

5. Remove the spark plugs. Turn the engine over several times using the ignition key.
6. Dry the spark plugs, then reinstall them. If possible, replace the fouled plugs with new ones.
7. Attempt to start the engine. If it does not start, repeat the drying procedure.
8. Immediately take the vehicle to your dealer for service.

Throttle System

If the throttle pedal has excessive play due to either cable stretching or mis-adjustment, it will cause a delay in throttle response, especially at low engine speed. Also, the throttle may not open fully. If the throttle pedal has no play, the throttle may be hard to control and the idle speed may be erratic. Check the throttle paly periodically and adjust if necessary.

Throttle Pedal Inspection

To inspect and adjust the throttle play:

1. Ensure that the vehicle is safely parked on flat surface.
2. Start the engine.
3. Measure the distance that the throttle pedal moves before the engine begins to increase in RPM. This movement should be around ½".

750cc Throttle Pedal Adjustment

1. Locate the throttle cable jam nuts under the hood, against the firewall.
2. Loosen and adjust the jam nuts on the cable.
3. Test the play after each adjustment until the movement is correct.

1000cc Diesel Throttle Pedal Adjustment

1. Remove the seat.
2. Locate the throttle adjustment screws on top of the engine, under the roll cage support bar.
3. Tighten or loosen the upper bolt (A in the picture below) to adjust the slack in the throttle cable.
4. Tighten or loosen the lower bolt (B in the picture below) to adjust idle RPM.

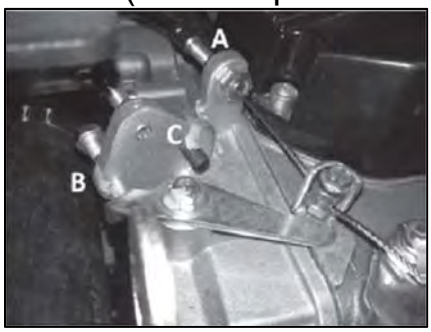

Figure 26: Diesel Throttle Adjustment Bolts

Battery

Danger:

- The battery emits explosive gases. Keep away from any source of flame or spark.
- The battery contains sulfuric acid which can cause serious chemical burns. Wear goggles and rubber/latex gloves to avoid any chemical contact with skin.
- If the acid comes into contact with skin or eyes, flush the area with plenty of clean water and immediately seek medical assistance.

Battery Maintenance

- Check terminals and electrolyte levels monthly.
- Do not allow the battery cell to run dry.
- Dielectric grease or petroleum jelly will prolong battery terminal life span.
- When connecting the battery, connect the red lead (+) first, and then the black lead (-). Reversing the leads will harm your machine.

Battery Charging

- Keep the work area well ventilated
- Disconnect the battery from the vehicle and remove it from the vehicle.
- Use a charger that supplies 1.8A. 5-10 hours is sufficient.
- The maximum charging rate is 9A for 1 hour.

Battery Status

Charge %	Voltage	Action	Charge Time
100%	12.8-13V	None	None
75-100%	12.5-12.8V	May need charge	3-6 hours
50-75%	12.0-12.5V	Needs charge	5-11 hours
25-50%	11.5-12.0V	Needs charge	12+ hours
0-25%	< 11.5V	Requires charge from desolating charger	See dealer

Jump Starting

Danger:

- The battery contains sulfuric acid that can cause severe burns and produce highly explosive hydrogen gas.
- Do not touch the positive and negative cables together while they are connected to the battery.
- Do not lean over the battery.
- Do not attempt to jump start a frozen battery. It may explode.
- Do not reverse the polarity of the jumper cable leads.

Notice:

- Do not operate the starter continuously for more than 5 seconds. The starter can overheat and the battery charge will drop.
- Wait 15 seconds between each attempt at ignition to give the starter time to cool and for the battery to recover.

If your vehicle's battery is depleted, it should be removed and charged. If this is not practical, a 12-volt booster battery and jumper cables may be used to start the engine. To jump-start your machine:

1. Ensure that the dead vehicle and the donor vehicle are parked within jumper cable range safely with both engines off.
2. Raise the hoods of both vehicles.
3. Connect the leads to the batteries of each vehicle in this sequence.
    a. Red lead to positive terminal of dead vehicle
    b. Red lead to positive terminal of donor
    c. Black lead to negative terminal of dead vehicle
    d. Black lead to negative terminal of donor.
4. Start the engine of the donor vehicle and allow a minute or two of idle to allow the dead battery to charge.
5. Attempt to start the dead vehicle.
6. If the vehicle starts, remove the leads in the opposite sequence of step 3.
7. If the vehicle does not start allow more time for the battery to charge.
8. If more than 10 minutes elapse and the dead vehicle still will not start, take your machine to your authorized dealer for assistance.

Battery Storage

Whenever the vehicle is not in use for any extended period of time, disconnect the negative battery cable from the battery after ensuring that the battery is fully charged.

A battery tender can remain connected to the battery during the storage period.

Headlights

The headlights are controlled by a three-way switch in the dash. The LED light strips are daytime running lights. The outside set of lights are low-beams, while the inside set are the high-beams.

CV Joint Boots

In accordance with the periodic maintenance chart, inspect the joint boots on the front axles, rear axles, tie rod ends, and steering rack for damage or deterioration. Replace any damaged boot and be sure that the joints are greased.

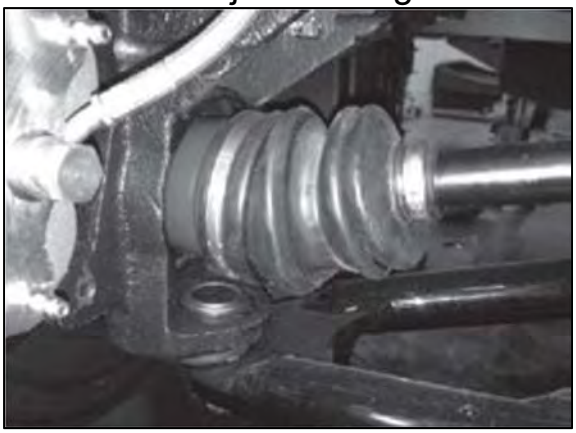

Figure 27: Joint Boot

Brakes

The brakes system consists of hydraulic disc brakes activated by the brake pedal.

Brake Fluid

Inspect the brake fluid level before each operation. Always keep the fluid level between the minimum and maximum fill line on the reservoir. Change the brake fluid either every two years, or any time the fluid becomes contaminated. To change the brake fluid:

1. Ensure that the vehicle is safely parked on a flat surface.
2. Inspect the brake fluid level at the reservoir located in the driver's side wheel well. The level should be between the MAX and MIN indicator lines.
3. If the fluid level is low, remove the cap until it falls between the indicators.
4. Reinstall the cap.
5. Apply the brake forcefully for a few seconds and inspect for fluid leakage around the fittings.

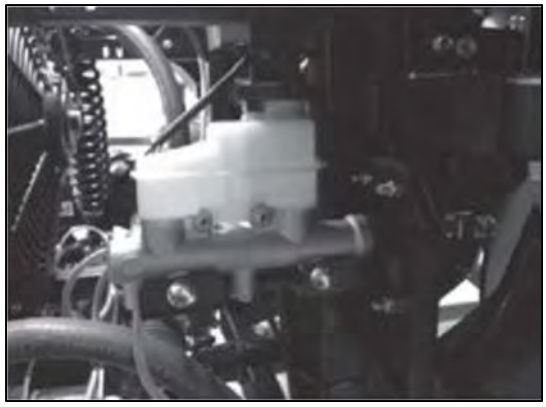

Figure 28: Brake System Master Cylinder

Brake Pressure Switch and Safety Switch
For safety, the brake must be applied to start the Intimidator. The brake pressure switch is located on the master cylinder.

Brake Inspection
To inspect the brake system:

1. Check all hoses and fittings for fluid leaks.
2. Check the brake pedal for excessive travel or a spongy feel.
3. Check the friction pads for wear, damage and looseness.
4. Inspect the brake disc spline and pad wear surface for excessive wear.
5. Change pads when worn to 3/64” (1 mm)

Tires

Danger:

- Installation of non-standard tires, use of oversized tires, or use of different tread patterns can change or impair the handling of the vehicle and result in severe injury.

Tire construction characteristics and inflation pressure can greatly influence vehicle handling. Intimidator recommends that you replace tires with standard OEM tires. It is also important that all tires on the machine are of the same type and height, inflated to the recommended pressure.

Tire Tread Depth
Replace your tires when the tread depth is worn to 1/8” or less.

Lug Nuts
Torque lug nuts to 65 ft/lb.

Steering

Danger:

- Do not attempt to adjust the steering while the vehicle is in motion.

Steering Wheel Inspection

Check the steering wheel for the specified free play and smooth operation at the intervals outlined in the periodic maintenance chart. To inspect the steering wheel:

1. Ensure that the vehicle is safely parked on a flat surface.
2. Lightly turn the steering wheel left and right. There should be no more than ½" of free play.
3. If there is excessive free play, strange noises, or the steering feels rough, have the steering system inspected by an authorized dealer.

Steering Wheel Adjustment

To center the steering wheel:

1. On level ground, drive straight forward for 30 feet. This is most easily done by driving on a painted line, next to a wall or some other straight object.
2. Stop the vehicle and shift the transmission to "Park."
3. Remove the steering wheel cap to expose the steering wheel nut.
4. Remove the nut with the appropriately sized socket.
5. With your hands or a rubber mallet, gently knock the back of the steering wheel towards the seat until it is removed. Do not use excessive force or the steering wheel may suffer damage or come off quickly. Do not turn the steering wheel or allow the tires to turn.
6. Reinstall the steering wheel to center position.
7. Reinstall the steering wheel nut, and then the cap.

Wheel Alignment

Notice:

- Installing unauthorized accessories, such as larger tires or a lift kit, may damage the vehicle and cause control problems.

It is recommended that tire alignment be performed by an authorized dealer. To adjust tire alignment:

1. Ensure that the vehicle is safely parked on flat surface.
2. Center the steering wheel
3. Measure the distance between the centerlines on the very front of the front tires at the height of the axle.
4. Measure the distance between the centerlines on the back of the front tires at the height of the axle.

5. The front distance should be 0” to ¼” shorter than the rear distance.
6. Adjust the tie rod to correct any discrepancy.

Storage and Maintaining Appearance

Washing the Vehicle

Notice:

- High water pressure may damage components including wheel bearings, radiator, transmission seals, brakes, plastic panels, safety labels, electrical switches, electronic components, and wiring.
- Wash the vehicle by hand or with a garden hose using mild soap.
- Certain products, including insect repellents and chemicals, will damage plastic surfaces. Do not use these types of products.
- Mud can stain the vehicle's seat and plastic. Immediately wash mud off of the vehicle with mild soap and water.

Keeping your vehicle clean will not only improve its appearance, but it can also extend the life of various components. Below are some guidelines for keeping your Intimidator clean:

- Avoid the use of harsh or abrasive cleaners that can scratch the finish.
- Use automotive adhesive remover to clean sticker residue from plastic.
- Do not use a pressure washer to clean the vehicle.
- Always use clean microfiber cloths, towels, and pads for cleaning and polishing.
- Grease all zerk fittings immediately after washing and run the engine for several minutes to evaporate any water that may have entered the engine or exhaust system.
- Replace any safety labels damaged by cleaning immediately.
- Use extra caution around critical components such as air intakes or electronics.

Storage

Notice:

- Do not store the vehicle in direct sunlight.

Preparation for Storage:

1. Thoroughly clean the entire vehicle.
2. Run the engine for five minutes to warm the oil. If you do not intend to use a fuel stabilizer, run the engine outdoors until the motor stops from lack of fuel. If the vehicle will be stored with fuel in the tank, fill the tank completely and add an appropriate fuel stabilizer.
3. Change the engine oil and oil filter.

4. Remove the spark plugs and pour approximately 1 oz. of engine oil into the cylinder(s). Replace the plugs and crank the engine several times with the ignition key to distribute the oil evenly.
5. Place boards under the tires to keep moisture away from the rubber.
6. Lubricate throttle cable.
7. Remove the battery and store it where it will not be exposed to direct sunlight, moisture, or freezing temperatures.
8. Tie a plastic bag over the exhaust pipe, CVT intake, and the CVT exhaust to prevent moisture or small animals from taking up residence.
9. Put a cover over the vehicle to keep dust and dirt from collecting.

Removal from Storage:

1. Remove the cover
2. Remove the plastic bags from the exhaust pipe, CVT intake, and the CVT exhaust.
3. Clean the battery terminals, charge the battery if necessary, and install it into the vehicle.
4. Check the spark plugs for tightness and that the wires are connected snugly.
5. Fill the fuel tank with fresh fuel.
6. Check each point listed in the “Pre-Ride Checklist” at the end of this manual.
7. Lubricate any fixtures that require it.

Transporting Your Intimidator

Danger:

- When trailering your vehicle, always put the transmission in “Park” and secure the vehicle to the trailer by attaching the frame of the UTV to trailer using properly rated straps or chains.
- Do not attach a strap or chain to the suspension arms.

The best way to transport your Intimidator to different locations over the road is to load it onto a trailer or flatbed truck. Below are some considerations while transporting your machine:

- Use extra caution with any and all activities involved with loading, securing, transporting, and unloading your machine.
- Make sure that the trailer/truck is parked safely on flat ground and that the tires are immobilized.
- Do not use a ramp at an angle of more than 15 degrees.
- Use extra care when driving the UTV up and down the ramps.
- Ensure that the straps/chains used for securing the machine are rated sufficiently for the weight of the machine.

Accessories

For a complete line of genuine Intimidator accessories, visit **www.baddawgaccessories.com.**

Specifications

Intimidator XD4 Package Includes:

- 14” Aluminum Wheels
- Journey Tires
- Electric Bed Dump
- 2” Front Receiver Hitch

750cc Gas Classic

CORE COMPONENTS	
Frame	Powder-Coated Fusion-Bonded Solid Steel Bridge Frame
Body	Automotive Quality Acrylic Plastic
Front Tires	27x10x14 – 6 ply
Rear Tires	27x12x14 – 6 ply
Wheels	14” Wheels
Front Suspension	Dual A-Arm Independent
Rear Suspension	Dual A-Arm Independent
Steering	Rack and Pinion
Braking System	4-Wheel Hydraulic Disc
Parking System	2-Wheel Gear Lock
Seating	3 Occupant, Forward Facing Bench Seat
Bed Dump	Manual with Gas Assist
Auxiliary Power	12 Volt Auxiliary Plug
Hitch	2” Receiver
Cargo Bed Space	36”x45.5”x13”
Fuel Capacity	9 Gallons
Warranty	1-year Bumper to Bumper, 3-year Engine
DRIVE SYSTEM	
Engine	750cc Kohler Fuel-Injected Engine
Bore x Stroke	83mm x 69.9mm
Compression Ratio	9.1:1
Displacement	750cc
Carburetor	Electronic Fuel-Injected Throttle Body
Final Drive	Shaft Driven
Automatic CVT	Low/High/Neutral/Reverse/Park
Drive System	2WD, Electronic 4WD Selection
Cooling	Air Circulation
Starting	Electric Start
Max Engine Torque	40.4 ft. lb. @ 2,800 RPM
Fuel Type	87 Octane Gasoline (10% Ethanol Max)
Engine Oil Type	Intimidator SYN 5W-40
Speed	Up to 35 mph
MEASUREMENTS	
Weight	1,571 lb.
Length	113”
Width	63”
Height	78”
Turning Radius	103”
Wheelbase	77”
Frame Clearance	12”
Suspension Travel	10”
Cargo Bed Capacity	1,200 lb.
Vehicle Payload	1,600 lb.
GVWR	3,300 lb.
Tow Capacity	2,100 lb.
SAFETY	
Protection	1.75” Diameter Tubing Five-Piece ROPS
Front Protection	1.75” Diameter Tubing Bumper/Brush Guard
Passenger Restraints	3-Point DOT-Approved Restraint Belts
Cab Nets	Standard on Every Unit
Shift Indicator	5-Position Gear Indicator
Headlights	Standard
Brake/Taillight	Standard

750cc Gas Crew

CORE COMPONENTS	
Frame	Powder-Coated Fusion-Bonded Solid Steel Bridge Frame
Body	Automotive Quality Acrylic Plastic
Front Tires	27x10x14 – 6 ply
Rear Tires	27x12x14 – 6 ply
Wheels	14”
Front Suspension	Dual A-Arm Independent
Rear Suspension	Dual A-Arm Independent
Steering	Rack and Pinion
Braking System	4-Wheel Hydraulic Disc
Parking System	2-Wheel Gear Lock
Seating	2 Row, 6 Occupant, Forward Facing Bench Seating
Bed Dump	Manual with Gas Assist
Auxiliary Power	12 Volt Auxiliary Plug
Hitch	2” Receiver
Cargo Bed Space	36”x56.5”x13”
Fuel Capacity	9 Gallons
Warranty	1-year Bumper to Bumper, 3-year Engine
DRIVE SYSTEM	
Engine	750cc Kohler Fuel-Injected Engine
Bore x Stroke	83mm x 69.9mm
Compression Ratio	9.1:1
Displacement	750cc
Carburetor	Electronic Fuel-Injected Throttle Body
Final Drive	Shaft Driven
Automatic CVT	Low/High/Neutral/Reverse/Park
Drive System	2WD, Electronic 4WD Selection
Cooling	Air Circulation
Starting	Electric Start
Max Engine Torque	40.4 ft. lb. @ 2,800 RPM
Fuel Type	87 Octane Gasoline (10% Ethanol Max)
Engine Oil Type	Intimidator SYN 10W-40
Speed	Up to 33 mph
MEASUREMENTS	
Weight	1,834 lb.
Length	149”
Width	63”
Height	78”
Wheelbase	111”
Frame Clearance	12”
Suspension Travel	10”
Cargo Bed Capacity	1,200 lb.
Vehicle Payload	1,466 lb.
GVWR	3,300 lb.
Tow Capacity	2,100 lb.
SAFETY	
Protection	1.75” Diameter Tubing Five-Piece ROPS
Front Protection	1.75” Diameter Tubing Bumper/Brush Guard
Passenger Restraints	3-Point DOT-Approved Restraint Belts
Cab Nets	Standard on Every Unit
Shift Indicator	5-Position Gear Indicator
Headlights	Standard
Brake/Taillight	Standard

1000cc Diesel Classic

CORE COMPONENTS	
Frame	Powder-Coated Fusion-Bonded Solid Steel Bridge Frame
Body	Automotive Quality Acrylic Plastic
Front Tires	27x10x14 – 6 ply
Rear Tires	27x12x14 – 6 ply
Wheels	14” Wheels
Front Suspension	Dual A-Arm Independent
Rear Suspension	Dual A-Arm Independent
Steering	Rack and Pinion
Braking System	4-Wheel Hydraulic Disc
Parking System	2-Wheel Gear Lock
Seating	3 Occupant, Forward Facing Bench Seat
Bed Dump	Manual with Gas Assist
Auxiliary Power	12 Volt Auxiliary Plug
Hitch	2” Receiver
Cargo Bed Space	36”x45.5”x13”
Fuel Capacity	9 Gallons
Warranty	1-year Bumper to Bumper, 3-year Engine
DRIVE SYSTEM	
Engine	24HP Kohler Diesel
Bore x Stroke	75mm x 77.6mm
Compression Ratio	22.8:1
Displacement	1000cc
Carburetor	Fuel Injection – Glow Plug Assisted
Final Drive	Shaft Driven
Automatic CVT	Low/High/Neutral/Reverse/Park
Drive System	2WD, Electronic 4WD Selection
Cooling	Liquid Pump Circulation with Electric Fan
Starting	Electric Start
Max Engine Torque	40.4 ft. lb. @ 2,800 RPM
Fuel Type	Diesel (Meets ASTM D-975-1D or 3D, EN590, or Equivalent)
Engine Oil Type	SAE15-40W Engine Lubricant
Speed	Up to 35 mph
MEASUREMENTS	
Weight	1,695 lb.
Length	113”
Width	63”
Height	78”
Turning Radius	103”
Wheelbase	77”
Frame Clearance	12”
Suspension Travel	10”
Cargo Bed Capacity	1,200 lb.
Vehicle Payload	1,600 lb.
GVWR	3,300 lb.
Tow Capacity	2,100 lb.
SAFETY	
Protection	1.75” Diameter Tubing Five-Piece ROPS
Front Protection	1.75” Diameter Tubing Bumper/Brush Guard
Passenger Restraints	3-Point DOT-Approved Restraint Belts
Cab Nets	Standard on Every Unit
Shift Indicator	5-Position Gear Indicator
Headlights	Standard
Brake/Taillight	Standard

1000cc Diesel Crew

CORE COMPONENTS	
Frame	Powder-Coated Fusion-Bonded Solid Steel Bridge Frame
Body	Automotive Quality Acrylic Plastic
Front Tires	27x10x14 – 6 ply
Rear Tires	27x12x14 – 6 ply
Wheels	14” Wheels
Front Suspension	Dual A-Arm Independent
Rear Suspension	Dual A-Arm Independent
Steering	Rack and Pinion
Braking System	4-Wheel Hydraulic Disc
Parking System	2-Wheel Gear Lock
Seating	2 Row, 6 Occupant, Forward Facing Bench Seating
Bed Dump	Manual with Gas Assist
Auxiliary Power	12 Volt Auxiliary Plug
Hitch	2” Receiver
Cargo Bed Space	36”x45.5”x13”
Fuel Capacity	9 Gallons
Warranty	1-year Bumper to Bumper, 3-year Engine
DRIVE SYSTEM	
Engine	24HP Kohler Diesel
Bore x Stroke	75mm x 77.6mm
Compression Ratio	22.8:1
Displacement	1000cc
Carburetor	Fuel Injection – Glow Plug Assisted
Final Drive	Shaft Driven
Automatic CVT	Low/High/Neutral/Reverse/Park
Drive System	2WD, Electronic 4WD Selection
Cooling	Liquid Pump Circulation with Electric Fan
Starting	Electric Start
Max Engine Torque	40.4 ft. lb. @ 2,800 RPM
Fuel Type	Diesel (Meets ASTM D-975-1D or 3D, EN590, or Equivalent)
Engine Oil Type	SAE15-40W Engine Lubricant
Speed	Up to 35 mph
MEASUREMENTS	
Weight	1,952 lb.
Length	149”
Width	63”
Height	78”
Turning Radius	103”
Wheelbase	111”
Frame Clearance	12”
Suspension Travel	10”
Cargo Bed Capacity	1,200 lb.
Vehicle Payload	1,348 lb.
GVWR	3,300 lb.
Tow Capacity	2,100 lb.
SAFETY	
Protection	1.75” Diameter Tubing Five-Piece ROPS
Front Protection	1.75” Diameter Tubing Bumper/Brush Guard
Passenger Restraints	3-Point DOT-Approved Restraint Belts
Cab Nets	Standard on Every Unit
Shift Indicator	5-Position Gear Indicator
Headlights	Standard
Brake/Taillight	Standard

XD4 Package Includes:

- 14” Aluminum Wheels
- Journey Tires
- Electric Bed Dump
- 2” Front Receiver Hitch

Troubleshooting

Symptom	Cause	Action
Engine is difficult to start or will not start	Key switch is not in the proper position	Make sure the key is in “ON” position
	Wiring	Clean corroded connections, tighten loose connections
	Starter switch or solenoid	By-pass switch or solenoid with a jumper wire. If starter cranks normally, replace faulty components
	No fuel, or low fuel	Replenish fuel
	Improper or stale fuel	Replace fuel, consult your dealer
	Water or dirt in fuel system	Replace fuel, consult your dealer
	Air in the fuel system	Bleed fuel system
	Fuel hose or fuel filter clogged or damaged	Clean/replace fuel lines, consult your dealer
	Air filter clogged	Clean/replace air filter
	Defective spark plug	Adjust spark plug gap, check spark plug wire connection, replace spark plug
	Improper engine oil viscosity	Change oil to proper viscosity
	Weak battery	Clean battery cables/terminals, charge battery, remove the battery for storage
	Brake pedal not engaged	Apply pressure to brake when starting
	Brake pressure switch malfunction	Replace brake switch
	Fuse blown	Replace fuse
Insufficient engine power	Dead battery	Charge/replace battery
	Loose battery/solenoid connections	Inspect/tighten all connections
	Insufficient/dirty fuel	Inspect fuel system, replace fuel/fuel filter
	Clogged air cleaner	Clean/replace air cleaner
	Cold engine	Allow time for engine to warm
Engine stops suddenly	Cold engine	Allow time for engine to warm
	Insufficient fuel	Replenish fuel
	Fuel pump malfunction	Check wire connections, replace pump
Rough running engine	Cold engine	Allow time for engine to warm
	Defective spark plug	Adjust spark plug gap, replace spark plug

	Defective high-tension cord	Allow time for engine to warm
	Defective ignition coil	Consult your dealer
	Clogged/damaged fuel hose	Clean/replace fuel lines, consult your dealer
	Improper/stale fuel	Replace fuel
	Clogged air filter	Clean/replace air filter
Exhaust fumes are colored (black, dark gray)	Overloaded	Reduce cargo/tow load
	Low grade fuel	Refill with recommended fuel
	Clogged air filter	Clean/replace air filter
Exhaust fumes are colored (white, blue)	Excessive engine oil	Drain oil to specified level
	Piston ring is worn/stuck	Consult your dealer
Overheating Engine	Overloaded	Reduce speed, use low gear, reduce load
	Insufficient engine oil	Replenish engine oil
	Dirty engine	Remove mud/debris from engine
	Air intake/fan blocked	Remove mud/debris from air intake
Engine diagnostic light on	Engine issue	Consult your dealer
Engine will not idle	Defective spark plug	Adjust spark plug gap, replace spark plug
	Cold engine	Allow time for engine to warm
	Dirty fuel injectors	Consult your dealer
Difficult to shift	Engine RPM too high	Consult your dealer
	Stretched shift cable	Adjust/replace shift cable
	Dirty/rusty shift cable	Clean/replace shift cable

CVT Troubleshooting

Symptom	Cause	Action
Accelerated CVT belt wear	Improper gear for towing/plowing	Use low gear
	Heavy payload	Use low gear
	Steep inclines	Use low gear
	Stuck in mud/snow, climbing over large obstacles	Use low gear, fast throttle technique
	Aggressive driving	Stop vehicle, allow belt to cool
	Insufficient warm-up in cold weather	Idle engine for 5 minutes, in “Neutral,” apply 5, 1/8 throttle short bursts to warm system
Acceleration not smooth from stop	Cold engine	Allow time for engine to warm

Battery Troubleshooting

Symptom	Cause	Action
Starter does not function	Overused battery	Charge/replace battery
	Dead battery	Charge/replace battery
	Poor terminal connection	Clean/tighten connections
Terminals appear white	Insufficient electrolyte	Add distilled water to proper level, charge battery
	Overused battery	Charge/replace battery
Recharging is impossible	Expired battery	Replace battery
Severely corroded terminals	Poor terminal connection	Clean terminals, tighten connections, apply dielectric grease
Low battery electrolyte	Failure in electrolytic cells	Replace battery

Warranty

Limited Warranty

Limited 1-Year Engine Warranty
Intimidator, Inc. warrants to the original retail consumer that each new Intimidator Motors Gasoline engine sold by Intimidator, Inc., will be free from manufacturing defects in materials or workmanship in normal service for a period of one (1) year from the date of purchase provided it is operated and maintained in accordance with Intimidator, Inc.'s instructions and manuals. Please consult the Intimidator Owner's Manual for instructions and exclusions to this manufacturer's warranty.

1-Year Limited Drivetrain Warranty
Intimidator, Inc. will, at its option, repair or replace, without charge, the drivetrain including gearbox, Constant Velocity Transmission (CVT) clutches excluding belt, transaxles excluding CV Joints, driveshafts and their subcomponents and differentials if found to be defective in material and/or workmanship within one (1) year after date of sale to the original retail purchaser of a new Intimidator 4x4 UTV model. This limited warranty is non-transferrable to a 2nd party and will be subject to certain limitations.

1-Year Limited Bumper-To-Bumper Warranty
Intimidator, Inc. will, at its option, repair or replace, without charge, any part covered by the warranty which is found to be defective in material and/or workmanship within one (1) year after date of sale to the original retail purchaser of a new Intimidator, Inc. gasoline model. This limited warranty is non-transferable to a 2nd party and will be subject to certain limitations.

Replacement Parts
Intimidator, Inc. dealers will repair or replace, at Intimidator, Inc.'s option, any defective part during the one (1) year warranty period. The parts to be warranted must be defective in material and/or workmanship. All replacement parts must be obtained from Intimidator, Inc. in order to comply with this manufacturer's warranty.

Battery Warranty

The batteries used to power the Intimidator, Inc. will carry a 6-month free replacement warranty. These warranty claims will be handled by the battery manufacturer, Interstate Battery. Intimidator, Inc. does not assume any warranty obligation, liability, or modification for this item.

Emissions Warranty

Emission System Warranty Statement (UTV)
Distributor's Limited Warranties Emission Control Systems

Intimidator must warrant the emission control system on your 2018 and subsequent model year UTV for the period of time listed on the following page, provided there has been no abuse, neglect, or improper maintenance of your UTV.

Your emission control system may include parts such as the carburetor or fuel injection system, the ignition system, and engine computer. Also included may be hoses, belts, connectors, and other emission-related assemblies. Where a warranted condition exists, Intimidator will repair your UTV at no cost to you, including diagnosis, parts, and labor.

Intimidator UTVs comply with U.S. EPA emissions regulations. Intimidator provides the same warranty coverage to all motorcycle owners, regardless of where the UTV is registered.

Your Warranty Rights and Obligations
In the United States, new UTVs must be designed, built, and equipped to meet stringent federal anti-smog standards. Intimidator must warrant the emissions control system on your UTV for the periods of time listed below, provided there has been no abuse, neglect or improper maintenance of your UTV. Your emissions control system may include parts such as the sensors, the ignition and the engine computer. Also included may be hoses, connectors, and other emissions-related assemblies. Where a warrantable condition exist, Intimidator will repair your UTV at no cost to you, including diagnosis, parts, and labor.

Manufacturer's Warranty Coverage
If any emissions-related part on your UTV is defective, the part will be repaired or replaced by Intimidator. This is your emissions control system Defects Warranty.

Owner's Warranty Responsibilities
As the UTV owner, you are responsible for the performance of the required maintenance listed in your Owner's Manual. Intimidator, Inc. recommends that you retain all receipts covering maintenance on you UTV, but Intimidator cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. You are responsible for presenting your UTV to an Intimidator dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed thirty (30) days.

Emission System Warranty Statement (UTV)
As the UTV owner, you should also be aware that Intimidator may deny you warranty coverage if your UTV or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications. If you have any questions regarding your warranty rights and responsibilities or if an authorized Intimidator dealer cannot repair your UTV or honor your claim within a reasonable period of time, contact Intimidator at: (866) 622-3269 for assistance. If you are not satisfied with the way in which a warranty claim is resolved by Intimidator, you may write directly to:

Director of Field Operations/Support Division (EI4-397F)
Environmental Protection Agency
Washington, D.C. 20460

Emissions Warranty Coverage
Intimidator warrants to the owner of any 2016 and subsequent model year UTV that the unit is designed, built, and equipped to conform at the time of sale with all applicable emission standards, and is free from defects in materials and workmanship which would cause it to fail to conform with applicable requirements during the specified time and mileage limits.

This warranty begins ont the date the UTV is delivered to the first purchaser other than an authorized Intimidator dealer, or the date it is first used as a demonstrator, lease, or company UTV, whichever comes first and continues for the time and mileage listed below:

Time: 30 Months; or
Mileage: 3,100 Miles (5,000 kilometers) – Whichever comes first. These warranties are given only to the owner of a 2016 and subsequent model year UTV distributed by Intimidator.

Emission System Warranty Statement (UTV)
To qualify for coverage under the defects warranty you should operate and maintain your UTV according to the requirements of the Warranty Booklet, and the Maintenance Schedule in the Owner’s Manual. This schedule is designed to keep your UTV emission control systems functioning properly by maintaining your UTV in peak operating condition. Intimidator will not deny a warranty claim solely because of lack of maintenance records. However, failures caused by abuse or lack of required maintenance will not be covered by this warranty.

Intimidator recommends that only parts supplied by Intimidator or equivalent parts be used to repair your UTV. Maintenance, replacement, or repair of emission control devices and systems may be done by an UTV repair establishment or individual.

Intimidator will only pay for warranty repairs performed at an authorized Intimidator UTV repair facility (except in an emergency situation). An emergency situation exists when an Intimidator dealership is not reasonably available, a warranted part is not available within thirty (30) days, or when an authorized Intimidator facility is unable to complete a repair within thirty (30) days. In an emergency situation, the repair of emission control devices or system may be done by any UTV repair establishment or individual, or by the owner using any replacement part. Intimidator will reimburse you for those emergency repairs, including diagnosis, covered by the Emissions Warranties. Parts reimbursement is at the manufacturers' suggested retail price, and labor reimbursement is at a geographically-appropriate hourly labor rate for Intimidator recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to Intimidator.

The use of replacement parts not equivalent to the original parts may impair the effectiveness of your UTV emissions control systems. If such a replacement part is used in the maintenance or repair of your UTV, and an authorized Intimidator dealer determines it is defective or caused a failure of a warranted part, your claim for repair to bring your UTV into compliance with applicable standards may be denied. If the part in question is not related to the reason you UTV fails to meet the standards, your claim will not be denied.

Service Record

Number	Date	Hour Meter Reading	Dealer Stamp
1			
2			
3			
4			
5			
6			
7			
8			

Intimidator, Inc. Utility Vehicle Owner's Registration and Training Certificate

(Keep original copy on file at your dealership)

VIN/PIN	
Model	
Date of Purchase	
Dealer	

Purchaser

Last Name	
First Name	
Address	
City	
State	
Postal Code	
Day Phone	
Evening Phone	

Pre-Ride Checklist

Complete this checklist before every operation of the Intimidator to ensure a safe and enjoyable ride.

- ☑ **Tires and Wheels**
  - Check condition for cuts or gouges
  - Check for adequate tread
  - Check air pressure and ensure that it is even in all tires
  - Check wheel lugs for tightness
- ☑ **Controls**
  - Adjust steering wheel to ideal position
  - Confirm that brake and throttle pedals operate smoothly
  - Ensure proper brake and parking brake operation
  - Ensure that the gear selector operates properly
  - Inspect safety belts for wear or damage
- ☑ **Lights**
  - Make sure lights (high and low beams) operate properly as well as brake lights
- ☑ **Oil and Fluids**
  - Oil – check level and condition
  - Fuel – check level
  - Coolant – check level and condition
  - Leaks – inspect inside and underneath the machine for evidence of fluid leaks
- ☑ **Chassis and Accessories**
  - Ensure all shocks, fasteners, and undercarriage are free from damage and securely fastened
  - Check ROPS for secure attachment and damage
  - Ensure nets and doors are in good condition and close/attach properly
  - Inspect all accessories for secure attachment and damage