NOTE TO THE OWNER

This utility vehicle, with standard equipment and authorized attachments, is intended for commercial or residential property, farm, ranch or recreational applications. Use only approved accessories and attachments designed for your vehicle. This Operator's Manual does not include instructions for attachments. Read the manual(s) provided with the authorized attachment to learn safe maintenance and operation of the vehicle. Make sure the vehicle is suitably equipped for the type of work to be performed. Contact your dealer if you have any questions concerning the use of accessories and attachments for these vehicles.

DO NOT use this vehicle for any purpose or in any manner other than as described in the manual, decals or other product safety information provided with the vehicle. These materials define the vehicle's intended use. Consult an authorized dealer on changes, additions or modifications that may be required for this vehicle to comply with various country regulations and safety requirements.

CAUTION

- **The fuel system and engine on your vehicle are designed and built to government emissions standards. Tampering by dealers, customers, operators and users is strictly prohibited by law. Failure to comply could result in government fines, rework charges, invalid warranty, legal action and possible confiscation of the vehicle until rework to original condition is completed. Engine service and/or repairs must be done by a certified technician only!**

SAFETY DECAL AND FEATURE IDENTIFICATION

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

DECAL INSPECTION AND MAINTENANCE

Clean decals and keep legible. Do not use solvents, gasoline, or other harsh chemicals to clean decals. If any of the operation or warning decals on the vehicle become damaged, have been removed, or cannot be easily read, they should be replaced immediately to avoid possible property damage, personal injury, or death. Contact your dealer. If a decal is on a part that is replaced, ensure new part has appropriate decal.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1. Remove the seat from the vehicle.
2. Remove the four bolts and washers from the bottom of the seat mounting plate.
3. Align the mounting plate holes with holes in the seat to achieve the desired seat position.
4. Install washers and bolts, and tighten to 96 in-lb (10.8 N·m).
5. Install the seat. **See preceding WARNING "Make sure seat hinges and latch...".**

PRE-OPERATION AND DAILY SAFETY CHECKLIST

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

Use the following list as a guide to inspect the vehicle. This list should be used daily and in conjunction with the Performance Inspection on page 26 and the Periodic Service Schedule on page 37 to ensure that the vehicle is in proper working condition. Any problems should be corrected by a dealer/distributor or a trained technician.

- **General:** All the parts should be in place and properly installed. Be sure that all nuts, bolts, and screws are tight. Check hose clamps for tight fit.
- **Safety and information decals:** Check to ensure that all safety and information decals are in place and can be read easily. **See Safety Decal and Feature Identification on page 5.**
- **ROPS:** Check to ensure the ROPS is not damaged and all hardware is secure. **See Roll-Over Protective Structure and Seat Belts on page 24.**
- **Seat belts:** Visually inspect for cuts, fraying, and loose parts. **See Roll-Over Protective Structure and Seat Belts on page 24.**
- **Tires:** Check for proper tire pressure. Visually inspect tires for wear, damage, and proper inflation on a daily basis. **See Vehicle Specifications on page 60.**
- **Battery:** Check electrolyte to ensure it is at the proper level **(Figure 44, Page 55)**. Check battery posts. Wires should be tight and free of corrosion, and battery should be fully charged.
- **Engine:** Check for proper engine oil and coolant levels and leaks. **See Engine Oil on page 43.** Check air filter and replace if necessary.
- **Fuel:** Check fuel level. **See Fueling Instructions on page 52.** Check fuel tank, lines, fuel cap, pump, and fuel filters for fuel leakage. Drain water from the fuel filter (diesel vehicle). **See Draining Water from Fuel Filter on page 53.**
- **Exhaust system:** Check for leaks.
- **Hydraulic brakes:** Check fluid level. Fill with DOT 5 brake fluid only. **See Brake Fluid Reservoir on page 42.** Wear in the brakes before initial vehicle operation. On a flat, open surface, accelerate the vehicle to moderate speed, then apply the brakes under modest, steady pressure. Repeat this procedure eight to twelve times. **See following NOTE.**

NOTE: *Perform the wear-in procedure when the vehicle has been in operation for less than a week, or when the brake pads or rotor have been replaced.*

- **Performance Inspection:** Inspect as instructed. **See Performance Inspection on page 26.**

PERFORMANCE INSPECTION

After you have familiarized yourself with the vehicle controls and have read and understood the driving instructions, take the vehicle for a test drive. Use the following list, in addition to the *Pre-Operation and Daily Safety Checklist*, as a

Download full manual at youfixthis.com
PREVIEW - YOUFIXTHIS.COM

7. **All vehicles:**

   Change engine oil. **See Engine Oil and Filter Change on page 44.**
8. Disconnect battery and spark plug (Gas only) wires. **See Disconnecting the Battery – Gasoline/Diesel Vehicle on page 13**.
9. The battery should be clean and free of corrosion. Wash the battery top and terminals with a solution of baking soda and water (1 cup (237 mL) baking soda per 1 gallon (3.8 L) of water). Rinse the solution off the battery. Do not allow this solution to enter the battery. Be sure the terminals are tight. Let the terminals dry and then coat them with Battery Terminal Protector Spray (P/N CLC1014305).
10. Adjust the tires to the recommended tire pressure. **See Vehicle Specifications on page 60.**
11. Perform semiannual periodic lubrication. **See Periodic Service Schedule on page 37.**
12. Thoroughly clean the front body, rear body, seats, cargo bed, engine compartment, and underside of vehicle.
13. Do not engage the park brake. Chock the wheels to prevent the vehicle from rolling.

RETURNING THE STORED VEHICLE TO SERVICE

1. Make sure the key switch is in the OFF position and the Forward/Reverse handle is in the NEUTRAL position. Chock the wheels.
2. Restore the fuel system to operation **(Figure 40 or Figure 41)**.
   2.1. Remove the plug from the fuel tank vent.
   2.2. Connect the vent tube to the fuel tank vent.
3. Connect battery and spark plug (Gas only) wires. **See Connecting the Battery – Gasoline/Diesel Vehicle on page 14**. Coat terminals with Battery Terminal Protector Spray (P/N CLC1014305).
4. **Gasoline vehicles only:** Completely open the fuel shut-off valve **(Figure 20, Page 35)**. Ensure the valve is fully open. A partially closed fuel shut-off valve combined with the use of the choke can result in a fouled spark plug and engine failure.
5. Place the Forward/Reverse handle in the NEUTRAL position. Crank the engine until fuel is pumped into the carburetor (gasoline vehicles) and the fuel lines (all vehicles) and the engine starts. Turn the engine off. **See following NOTE.**

NOTE: *Due to the oil added to the gasoline engine in preparation for storage, the engine may smoke excessively for a short time when it is run for the first time after storage.*

6. Perform the Pre-Operation and Daily Safety Checklist on page 26 and the Performance Inspection on page 26.

MAINTENANCE

See General Warnings on page 12.

To ensure trouble-free vehicle performance, follow an established preventive maintenance program. Regular and consistent maintenance can prevent vehicle downtime and expensive repairs. Use the Pre-Operation and Daily Safety Checklist on page 26, the Performance Inspection on page 26, and the following Periodic Service Schedule and Periodic Lubrication Schedule to keep the vehicle in proper working condition.

Any vehicle not functioning correctly should not be used until it is properly repaired. This will prevent further damage to the vehicle and help prevent injury to occupants resulting from unsafe conditions.

Contact your local dealer/distributor for repairs and semiannual and annual periodic service.

Download full manual at youfixthis.com
PREVIEW - YOUFIXTHIS.COM

PERIODIC SERVICE SCHEDULE		
REGULAR INTERVAL	**SERVICE**	
Daily service by owner	Pre-Operation and Daily Safety Checklist	**See Pre-Operation and Daily Safety Checklist on page 26.**
	Performance Inspection	**See Performance Inspection on page 26.**
Daily service by owner or trained technician	Engine	Check engine oil level; add if necessary. **See Engine Oil Level Check on page 43.**
		Diesel vehicles: Check engine coolant; add if necessary. **See Engine Coolant Level Check on page 50.**
	Fuel filters	**Diesel vehicles:** Drain water from fuel filter. **See Draining Water from Fuel Filter on page 53.**
	Brakes	Check brake fluid; add if necessary. Check brake pedal for proper operation. **See Performance Inspection on page 26.**
Monthly service by owner or trained technician	Engine	Check engine circulating air passage; visually inspect unshrouded area around engine exhaust for grass and debris and clean if necessary. **Diesel vehicles:** Check for grass and debris around the radiator.
	Tires	Check air pressure and adjust if necessary. **See Vehicle Specifications on page 60.**
	Transmission and differentials	Check lubricant levels. Add if necessary. **See Lubrication Level Check for Front Differential, Transmission, and Rear Differential on page 48.**
	General vehicle	Wash engine compartment and underside of vehicle. Do not wash engine when hot.
Semiannual service by trained technician only (or every 50 hours of operation, whichever comes first)	Battery	Clean terminals and wash dirt from casing; check electrolyte level. Add distilled water if necessary. **See page 54.**
	Front wheel alignment and toe-in	Check and adjust if necessary. **See Steering and Front Suspension Section in the appropriate maintenance and service manual.**
	Electrical wiring and connections	Check for tightness and damage.
	Brake system	Inspect master cylinder, brake lines, and hoses for damage or leakage.
		Check park brake cables for damage; replace if necessary.
		Check brake pads and discs; replace if necessary. **For brake wear-in procedure, see Hydraulic Brakes in the Pre-Operation and Daily Safety Checklist on page 26. See also Brake System Section in the**

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

VEHICLE SPECIFICATIONS

SPECIFICATIONS	RUSTLER 125 TWO PASSENGER	RUSTLER 120 TWO PASSENGER	RUSTLER 125 FOUR PASSENGER	RUSTLER 120 FOUR PASSENGER
POWER SOURCE	**GASOLINE**	**DIESEL**	**GASOLINE**	**DIESEL**
Engine: (Kawasaki) 4-cycle OHV, 675 cc, 23.0 maximum HP @3600 RPM (per SAE J 1940/1349), twin-cylinder, air-cooled, with pressure lubrication system	•		•	
Engine: 4-cycle OHV, 719 cc, 20.0 maximum HP @3600 RPM (per SAE J 1940/1349), three-cylinder, liquid-cooled, with pressure lubrication system		•		•
Fuel system: Side-draft carburetor with float bowl, fixed jets, fuel filters, and impulse fuel pump	•		•	
Fuel system: Mechanical injection, fuel water separator, fuel filters, and electric fuel pump		•		•
Governor (Kawasaki engine): internal to engine, centrifugal ball	•		•	
Governor: internal to engine, mechanical, centrifugal ball		•		•
Ignition: Transistorized magneto	•		•	
Ignition: Compression		•		•
Transmission: Forward and reverse with neutral (5.39:1 forward, 7.79:1 reverse)	•	•	•	•
Electrical system: 12 volt, 500 cca at 0 °F (-17.8 °C), 650 at 32 °F (0 °C). 105-minute reserve capacity and 35-amp charging capacity	•	•	•	•
Torque converter: Automatic, variable-speed, dry type	•	•	•	•
STEERING/SUSPENSION/BRAKES				
Suspension: **Front:** Independent double A-arms with coil-over shock absorbers **Rear:** Swing arms with coil-over shock absorbers	•	•	•	•
Steering: Self-adjusting rack and pinion, Ackerman	•	•	•	•
Brakes: Hydraulic brake system – brake pads and discs on each wheel with separate foot-operated park brake	•	•	•	•
BODY/CHASSIS				
Frame/Chassis: Box tube aluminum	•	•	•	•
Side and rear body: Plastic	•	•	•	•
Cargo bed: Powder-coated steel or aluminum	•	•	•	•
Front body: Geloy XTWM206	•	•	•	•
Tires: All Terrain: 25 x 10.5 – 12 front and rear; tubeless, 4-ply rated load range **Mud:** 25 x 11 – 12 front and rear; tubeless, 4-ply rated load range	•	•	•	•

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

FOREWORD

Thank you for choosing the finest utility vehicle on the market. Please protect your investment and ensure that your vehicle(s) provides years of reliable, superior performance by reading and following the maintenance instructions in this manual.

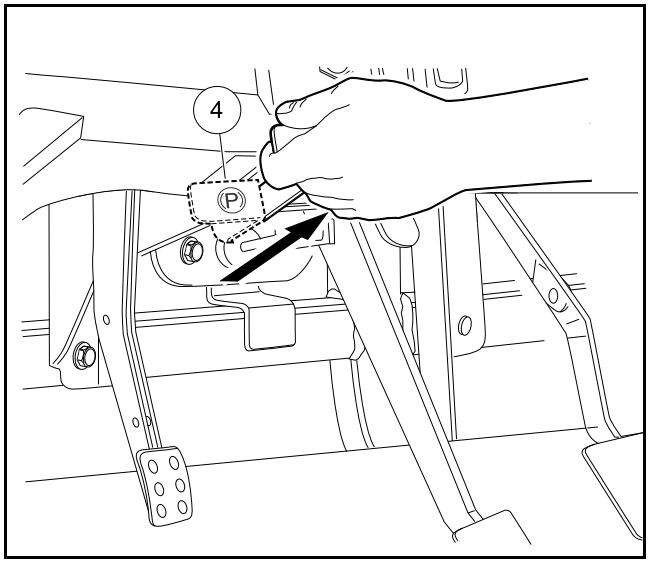
Your comfort and safety are important to us, so we urge you to read and follow the step-by-step operating instructions and safety procedures in this manual. These instructions must be followed in order to avoid the risk of severe personal injury. If you rent or loan your vehicle to others, we recommend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

This product is backed by a customer support system designed to offer you fast, courteous service. In the event your vehicle needs repairs or service, please contact your local authorized dealer or distributor, who will be able to provide technical advice, perform warranty work, and sell parts and service manuals. For the name and address of the authorized dealer or distributor nearest you, logon to our web site at www.newholland.com and click the "*Dealer Locator*" link.

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

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



191

Figure 14 Park Brake Release

STEERING ADJUSTMENT LOCK

The steering wheel position is adjustable. To adjust the steering wheel position, press down on the steering adjustment lock lever (5), then move the steering wheel to the desired position **(Figure 12, Page 19)** and **(Figure 13, Page 20)**. While holding the steering wheel in the desired position, pull up on the steering adjustment lock lever to firmly lock the steering column in position. **See following WARNING.**

⚠ WARNING

- **Ensure that the steering wheel lock is fully engaged before operating the vehicle.**

12-VOLT ACCESSORY OUTLET

The 12-volt accessory outlet (11) is located to the right of the key switch **(Figure 12 and Figure 13)**. It provides a constant 12VDC with the key switch in the ON or OFF position. **See following NOTE.**

NOTE: *Extended use of this accessory outlet can cause the battery to become heavily discharged.*

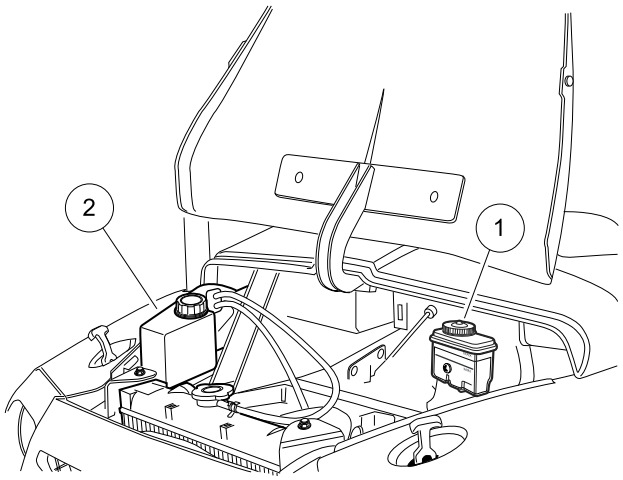
LOW OIL WARNING LIGHT

The low oil warning light (9) is located on the instrument panel just to the left of the steering column **(Figure 12 and Figure 13)**. If the warning light comes on, oil should be checked and added to the engine as necessary before vehicle use continues. The vehicle should never be driven when the low oil warning light remains lit. If the warning light goes on and off, the vehicle may be driven, but oil should be added at the first opportunity. If the oil level is correct and the warning light remains lit, have a trained technician check the vehicle. **See following CAUTION.**

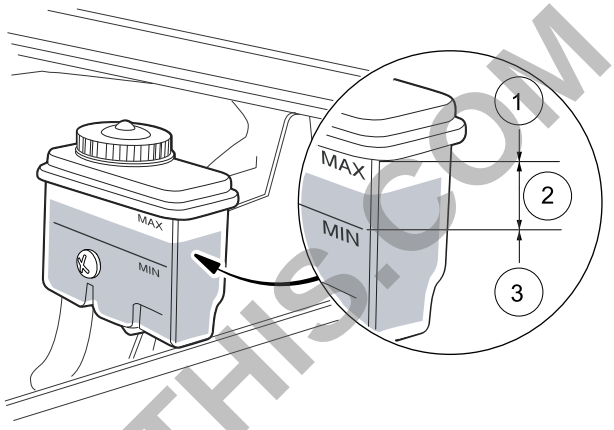
PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

BRAKE FLUID RESERVOIR



201
Figure 23 Brake Fluid and Coolant Access (diesel vehicle shown)



1. Full Level 2. Safe Level 3. Low Level

202
Figure 24 Brake Fluid Reservoir

The brake fluid reservoir (1) is located under the hood **(Figure 23)**. Raise the hood to check the brake fluid level. During the brake fluid level inspection, also inspect the following:

- The presence of brake fluid on the exterior surface of the master cylinder indicates a leak.
- The brake fluid reservoir diaphragm (located in the cap) should not have holes or other damage.

BRAKE FLUID

Brake fluid level should be within 1/4-inch (6 mm) from the top of the reservoir **(Figure 24)**. Also, brake fluid should be clean with no residue in the bottom of the reservoir or other evidence of contamination.

⚠ CAUTION

- **Use only DOT 5 (silicone) brake fluid. Use of any other type brake fluid is not recommended.**

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 8 of 68 pages

The full manual includes:

- All 68 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

New Holland Rustler 120, Rustler 125 Operator Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual