

# DR<sup>®</sup> Powerwolf<sup>™</sup>

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## Safety & Operating Instructions



Please read instructions before operating the DR Powerwolf



# THANK YOU!

And congratulations on your purchase of a new DR® Powerwolf™!

We have done our utmost to ensure that your DR Powerwolf will be one of the most trouble-free and satisfying pieces of equipment you have ever owned. Please let us know of any questions or problems you may have. We want to answer or correct them as quickly as possible. (When you do call or write, please have your serial number and/or order number handy – it will speed things up!) We also hope to hear from you on how much you like your new helper.

And, please tell your friends about your new DR Powerwolf! Having DR® Owners spread the word about our products and our way of doing business is the best advertising we can have, and the best way to help us provide even better service in the years to come.

Thanks once again!



for all of us at  
Country Home Products, Inc.®

**SALES MANAGER**

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Country Home Products, Inc.  
Meigs Road  
P.O. Box 25  
Vergennes, VT 05491

*Toll-free phone:* 1-800-DR-OWNER (376-9637)

*Fax:* 1-802-877-1213

*Web site:* [www.dr-owner.com](http://www.dr-owner.com)

*E-mail:* [info@chp.com](mailto:info@chp.com)



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## Chapter 1: Introducing the DR Powerwolf

This manual will help you set up and safely operate your new DR POWERWOLF. Careful adherence to the safety and operating instructions in this manual will ensure many years of productive use.

Please let us know if you have any questions or problems by calling us toll-free at 1-800-DR OWNER (376-9637). Our contact information is listed inside the front cover of this manual. When you call or write, please have your serial number or order number available so we can help you quickly.

### Conventions Used in this Manual



**WARNING!** The exclamation point within a triangle alerts you to essential operating, safety, and maintenance (servicing) instructions.

**Important!** This information is important in the proper use of your machine. Failure to follow this instruction could result in injury to you or damage to your DR Powerwolf.

**Tip:** This is a helpful hint to guide you in getting the most out of your DR Powerwolf.

**Tools Needed:** This indicates you will need a special tool to perform a maintenance function on your DR Powerwolf.

**Note:** This information may be helpful to you.

If you are ever unsure about an action you are about to take, contact Country Home Products toll-free support at 1-800-DR-OWNER (376-9637).

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## Chapter 2: Safety Considerations

Taking the time to read and observe all safety instructions will ensure many years of productive use from your DR Powerwolf and help you avoid injury. Please take a few moments to read the following guidelines for safely operating your new machine.

### Preparing To Use the DR Powerwolf

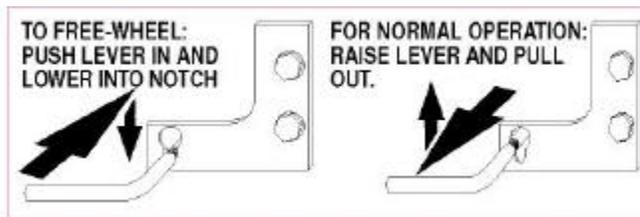
- Read these *Safety & Operating Instructions* and the engine owner's manual before you use the DR Powerwolf. Become familiar with the controls, engine and service recommendations to ensure the best performance from your DR Powerwolf.
- Check out the area you will be operating in BEFORE using your DR Powerwolf. Know what kind of terrain you will be moving over, and avoid excessively rugged or steep terrain.

### Safety Information Labels

Take some time to become familiar with the following standard safety cautions as they apply to your DR Powerwolf. Replace damaged or missing safety labels immediately.



<p><b>BEFORE STARTING</b></p> <ol style="list-style-type: none"> <li>1. Be certain the parking brake has been set.</li> <li>2. Check the area for people, children and pets.</li> <li>3. Check the area where you will be using your machine.</li> </ol> <p><b>STARTING ENGINE</b></p> <ol style="list-style-type: none"> <li>1. Check the engine oil before starting.</li> <li>2. Make certain gas shut-off is in open position</li> <li>3. Set the throttle lever to Choke position. (unless engine is warm)</li> <li>4. Turn ignition key to Start position. Release when engine starts.</li> </ol>	<p><b>! WARNING</b></p> <ul style="list-style-type: none"> <li>• Do not operate on public roads or highways</li> <li>• Read Operating Manual before using this machine</li> <li>• No riders in dump bed or as passengers</li> <li>• Maximum load 1000 lbs. including operator</li> <li>• Do not operate machine with dump bed obstructing visibility.</li> <li>• Always set Parking Brake when stopped</li> <li>• Do not operate machine on inclines greater than 20°.</li> <li>• Do not traverse inclines.</li> <li>• Use extra caution in reverse</li> <li>• Rear of wagon swings wide</li> </ul>	<p><b>TO OPERATE</b></p> <ol style="list-style-type: none"> <li>1. Release Brake</li> <li>2. Press pedal forward</li> <li>3. Bring foot pedal to center for stop.</li> <li>4. Tilt foot pedal back for reverse.</li> </ol> <p><b>STOPPING ENGINE</b></p> <ol style="list-style-type: none"> <li>1. Make sure machine is on level terrain.</li> <li>2. Move throttle to slow.</li> <li>3. Set parking brake.</li> <li>4. Turn ignition key to Off position.</li> </ol> <p><b>TO DUMP</b></p> <ol style="list-style-type: none"> <li>1. Bring machine to a complete stop.</li> <li>2. Move switch to Dump position.</li> <li>3. Move lever to Return</li> </ol>
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**BATTERY INSIDE**

**DUMP LEVER**

 PUSH FORWARD TO RELEASE  
 PULL UP TO ENGAGE  
**PARKING BRAKE**

**BE SURE DUMP LEVER IS SECURELY LATCHED BEFORE LOADING OR OPERATING POWERWOLF**

## Protecting Yourself

- Wear shoes with non-slip treads when using your DR Powerwolf. If you have safety shoes, we recommend wearing them. Do not use the machine while barefoot or wearing open sandals.
- Avoid wearing loose clothing or jewelry, which might be caught on the machine's moving parts.

## Operating the Machine Safely



**WARNING!** The items listed in this section will help you keep your DR Powerwolf running smoothly and, most importantly, prevent injury to yourself or others. Please review them carefully before starting your machine.

- Built-in safety features, such as the Operator Presence System located in the driver's seat cushion, and the interlock parking brake are effective only when maintained and kept in place. Do not, under any conditions, remove, bend, cut, fit, weld, or otherwise alter standard parts on the DR Powerwolf. Modifications to your machine could cause personal injuries and will void your warranty.
- Give complete and undivided attention to the job at hand. Before using your new machine, be sure you know how to control speed and direction of travel (forward/reverse) with the foot pedal control so you're able to brake and stop the DR Powerwolf at a moment's notice.
- When operating over uneven terrain and slopes, use EXTREME CAUTION and drive slowly.
- Slow down when making turns and do not change direction quickly on rough terrain.
- Be particularly careful of children and pets. Never allow children to operate the DR Powerwolf. Never carry children, adults, or pets in the DR Powerwolf. Use caution when another person approaches.
- Keep your hands away from the belts and pulleys while the engine is running.
- ALWAYS shut off the engine, apply the parking brake, and remove the spark plug wire before adjusting the machine.
- The exhaust area on the engine becomes very hot while in use. Allow the engine to cool before doing maintenance or making adjustments.
- Keep combustible substances away from the engine when it is hot.
- Allow adequate distance for stopping. The brake is applied automatically when you release the foot pedal.
- Practice starting and stopping before trying to maneuver in tight quarters.
- Use caution when moving downhill and stopping. Release the foot pedal control slowly to avoid tipping forward.
- Use the DR Powerwolf only in daylight or good artificial light.

- Use extra caution when operating in wet or slippery conditions.
- While using the DR Powerwolf, don't hurry or take things for granted. When in doubt about the equipment or your surroundings, stop the machine and take the time to look things over. Make sure that you have 100% control of the machine at all times.
- Be sure to keep pedestrians on the uphill side when moving up or down slopes.
- Do not engage the parking brake while the machine is in motion.
- Be sure to use the parking brake when stopped.
- DO NOT OVERLOAD the DR Powerwolf. Be careful of top-heavy loads. The higher the load, the more chance the machine may tip over. Also, loads may shift during operation; so to be safe, secure loads and even them out when possible. The maximum load is 1000 lbs. on hard level terrain and 700 lbs. on slopes (not to exceed 20 degrees). Weights include driver.
- Do not rev the engine. Excessive speed or tampering with the governor can be dangerous. Operate the machine at the lowest speed that is satisfactory to do the job.
- Never allow people who have not read these instructions to use the DR Powerwolf.
- Do not operate the machine when under the influence of alcohol or medication.
- Do not operate the machine when feeling dizzy or faint for any reason.
- Watch for traffic when operating near roadways.
- Remove the key when not in use to prevent unauthorized use.
- Whenever possible, travel up and down slopes and avoid going across slopes.
- Distribute weight evenly when loading bed.

## Safety with Gasoline-Powered Machines



**WARNING!** The items listed in this section will help you keep your DR Powerwolf running smoothly and, most importantly, prevent injury to yourself or others. Please review them carefully before starting your machine.

- Do not run the engine in an enclosed area or without proper ventilation.
- Store all fuel in containers specifically designed for this purpose.
- Fill the gasoline tank outdoors with the engine off. Don't handle gasoline if you or anyone nearby is smoking, or if you're near anything that could cause it to ignite or explode.
- If you spill gasoline, do not attempt to start the engine. Move the machine away from the area of the spill and avoid creating any source of ignition until the gas vapors have dissipated. Wipe up any spilled fuel to prevent a fire hazard and properly dispose of the waste.
- Allow the engine to cool completely before storing the machine in any enclosure. Never store the machine near an open flame or spark with gas in the tank.
- Do not change the engine governor settings or modify the engine speed.

## **A Note to All Users**

Under California law, and the laws of some other states, you are not permitted to operate an internal combustion engine using hydrocarbon fuels without an engine spark arrester. Any DR Powerwolf shipped to California and Washington State is provided with spark arresters. Failure of the owner/operator to maintain this equipment in compliance with state regulations is a misdemeanor under California law and may be in violation of other state and/or federal regulations. Contact your local fire marshal or forest service for specific information in your area.

## **Additional Information and Potential Changes**

Country Home Products, Inc. reserves the right to discontinue, change, and improve its products at any time without notice or obligation to the purchaser. The descriptions and specifications contained in this manual were in effect at printing. Equipment described within this manual may be optional. Some illustrations may not be applicable to your machine.

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## Chapter 3: Setting Up Your DR Powerwolf

This chapter outlines a few simple steps you will need to follow to set up your new machine before you use it. It may be helpful to familiarize yourself with the controls and features on your DR Powerwolf by reviewing the picture on this page before beginning the steps outlined in this chapter.

### DR Powerwolf Controls and Features

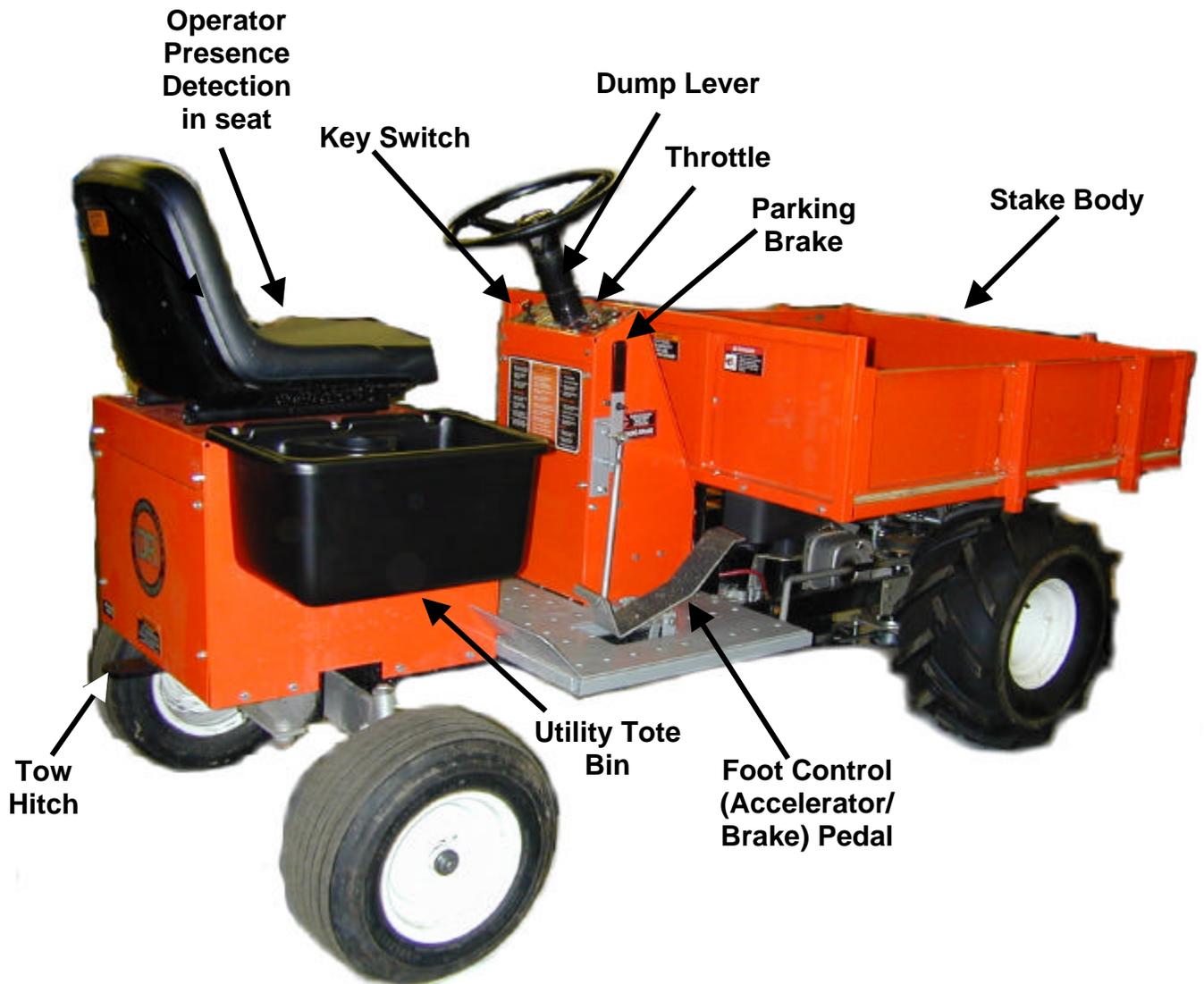


Figure 1: DR® Powerwolf

## Unpacking the DR Powerwolf

The DR Powerwolf is shipped fully assembled, fixed to a pallet.

### Tools & Supplies Needed:

- Screwdriver
- Hammer
- Knife
- Gloves
- Eye protection
- Metal shears



**WARNING!** Always wear eye protection when cutting the banding that secures the DR Powerwolf to the pallet. The banding may have a lot of tension on it and may snap, striking you when cut. Always stand to one side when cutting the band.

1. Carefully remove the wrapping from the machine.
2. Stand to one side and cut the banding.
3. Remove the wheel blocks.
4. Cut any ties holding the machine to the pallet.
5. Put the machine in free wheel mode (see page 16), release the parking brake, and roll the DR Powerwolf off the pallet. Do not discard pallet and packaging material until you are fully satisfied with your machine.



**WARNING!** Be sure to fill your engine with oil and gas before use in accordance with the *Safety & Operating Instructions*.

## Check the Tire Pressure

The recommended tire pressures are listed below.

- Front tires: 12 PSI (14 PSI Max.)
- Rear tires: 20 PSI (22 PSI Max.)

**Note:** The heavier the load, the higher the tire pressure should be. Do not go above the maximum recommended load or pressure.

## Adding Oil and Gasoline

The DR Powerwolf is shipped with the engine oil already added, but check the oil level before starting the engine for the first time just in case.

**Important! To get an accurate reading when checking the oil level:**  
⇒ The machine should be on a level surface.  
⇒ The dipstick should be screwed down on Briggs & Stratton engines.

Engine Oil Capacity	
Briggs & Stratton Intek	48 oz. (1.42 L)

**Tip:** To avoid confusion, we recommend leaving the caps on the fuel and oil fills until you are ready to pour either gasoline or oil into the correct fill.

Use only SAE 30 high detergent oil. Other types of oil could cause problems operating your machine. Please refer to your engine owner's manual for detailed oil information.

1. Place the machine on a level surface.
2. Check the dipstick and add SAE 30 high detergent oil, as required, rechecking the dipstick until the oil reaches the fill mark. Be careful not to overfill. (Figure 2)
3. Fill the gas tank to within ¼ inch of the top with fresh, unleaded gas. See your engine owner's manual for more information.



Figure 2: Oil Fill and Drain

## Transmission Oil

The transmission is permanently lubricated and sealed. The transmission's hydraulic oil does not need to be checked or changed.

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## Chapter 4: Operating Your DR Powerwolf

This chapter covers the procedures for starting and stopping your new DR Powerwolf and discusses basic operation features.

### Before Starting the Engine

1. Check the oil level every time you use the machine. (See *Figure 2*)
2. Check the gas level.
3. Check the tires for proper inflation.
4. Make sure the dump latch is secured. (Manual Dump Only)
5. Set the parking brake (*Figure 3*) on the right side of the console by pulling the bar toward you. To release the parking brake, push the bar forward.

**Note:** The DR Powerwolf is equipped with an Operator Presence Control system for added safety. In order for the engine to run, either the operator must be seated in the driver's seat **or** the parking braking must be on.

### Starting

1. Sit in the driver's seat.
2. Make sure that the parking brake lever (*Figure 3*) is engaged (vertical position).

**Note:** Either Step 1 or Step 2 is enough to satisfy the Operator Presence Control requirements. Doing both is recommended when starting.

3. Set the throttle (*Figure 3*) to the CHOKE position (to the RUN position if the engine is already warm).
4. Turn the key to the START position. As soon as the engine starts, release the key, and let it return to the RUN position.
5. After the engine starts, move the throttle to the RUN position.

See your engine owner's manual for information on cold weather starting.

**Important!** At temperatures lower than 0° F, warm up the DR Powerwolf for 15 minutes before driving it. The warm up period ensures that transmission oil will flow properly.

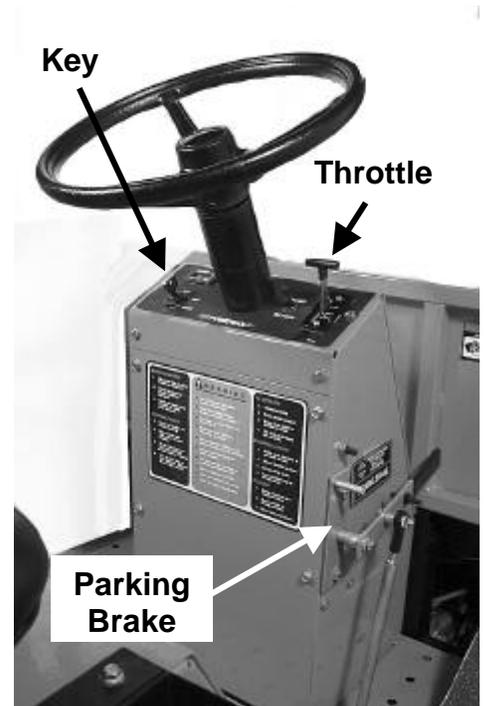


Figure 3: Operator Controls

## Operating

Take a moment to review your surroundings and terrain. Be aware of all bystanders and make sure that they are aware of you. The DR Powerwolf has a variable-speed forward and reverse transmission. Use slow speed for heavy loads or more power; use higher speed for transport over smooth terrain.



**WARNING!** Your DR Powerwolf is not intended or equipped for public road or highway use. Do not drive on public roads, highways or sidewalks.

**Important!** Your DR Powerwolf steers from the rear, like a forklift truck or boat. Use caution and think ahead before making turns. Place the front tires on the inside of the turn that you are negotiating and plan on the rear-end of the DR Powerwolf swinging out away from the turn.

**Important!** When engaging reverse USE EXTRA CAUTION. Check your path before engaging the foot pedal control.

1. Start the engine with the parking brake engaged and the operator sitting in the driver's seat (required to activate the Operator Presence Control system). (See Starting on the previous page).
2. Release the parking brake.
3. Depress the foot pedal control slowly forward to make the DR Powerwolf move forward. Depress the foot pedal control backward to make the DR Powerwolf move in reverse.
4. The distance the foot pedal control travels determines the speed of the DR Powerwolf. The machine's continuously variable hydrostatic transmission increases speed as the foot pedal control is depressed further.
5. If you need to dismount briefly and want to keep the engine running, set the parking brake before rising from the driver's seat. Never leave the machine unattended with its engine running.

**Note:** Take some time to practice driving slowly in forward and reverse before trying to operate at higher speeds. With its foot pedal control fully depressed the DR Powerwolf can travel forward at approximately 6 – 8 mph. That should **ONLY** be done on flat terrain. Top speed is approximate and depends on many factors such as belt wear, tire pressure, and engine condition.

## Stopping



**WARNING!** Be careful when transporting heavy loads with your DR Powerwolf. If the foot pedal control is released suddenly, the load may shift and the wagon may start to tip forward. Release the foot pedal control slowly and do not overload the wagon.

1. Ease back on the foot pedal control until the DR Powerwolf comes to a complete stop.
2. Set the parking brake by pulling back on the parking brake lever on the right side of the console.
3. Turn the key to the OFF position and remove it for safety.

**Important!** If you rise off the driver's seat without first setting the parking brake, the Operator Presence Control system will shut off the engine. After the machine stops, follow the starting instructions on page 10.

## Operating Tips

- Avoid abrupt start-ups. Always depress the foot pedal control slowly to avoid bucking, or tipping the DR Powerwolf.
- When using reverse, check to be sure there are no obstacles behind you. Practice backing up in an open area with no load in the DR Powerwolf.

## Loading



**WARNING!** Recommended maximum load limit, including driver, for the DR Powerwolf is 1000 lbs. on level ground and 700 lbs. on slopes (not to exceed 20 degrees). Overloading may be dangerous to the operator, and can permanently damage the unit.

- When loading your DR Powerwolf keep in mind the bulk and weight of what you will be hauling, and the type of terrain you will be crossing.
- Keep the load balanced and secured. Always distribute the load evenly so your DR Powerwolf will be as stable as possible.
- Don't pile material too high. Divide your load and make several lighter trips. Do not pile heavy loads, such as rocks or gravel, to a height that will make the DR Powerwolf top-heavy and susceptible to tipping over.
- Guard against the load shifting toward the operator when climbing a slope.
- Do not pile the load high enough to obscure the operator's view in front of the DR Powerwolf.

## Slopes & Uneven Terrain



**WARNING!** When operating over uneven terrain and slopes, use **EXTREME CAUTION** to ensure stability and preserve balance. Move slowly if the ground is rough, especially with a full load. Do not exceed a maximum load of 700 lbs. (including driver) on slopes.

- Do not use the DR Powerwolf on slopes greater than 20 degrees. Doing so could deprive the engine of oil and cause it to overheat resulting in component damage.
- Use special caution on uneven terrain: the DR Powerwolf may become unstable when moving over ruts, bumps, and other depressions.
- Heavy loads tend to shift on slopes, so secure your load in the bed to limit shifting. Keep in mind that loads tend to shift to the downhill side of the body.
- The higher and heavier a load, the greater the chance that the DR Powerwolf could tip over on a side hill.
- Whenever possible, travel up and down slopes and avoid going across slopes.
- Again, be especially careful with full loads. A good rule of thumb is that the steeper the hill, the lighter and lower your load should be.

## Dumping - Manual

**Note:** For safety reasons, the DR Powerwolf bed is designed NOT to dump automatically once the manual dump lever is released. You must pull the dump handle back then lift the back of the bed to cause it to tip forward.

1. Engage parking brake.
2. Remove front panel.
3. Stand at the rear of the bed.
4. Pull the handle on the dump lever (Figure 4), then pull up on the rear of the bed to dump the load.
5. After unloading, push the bed back down into place by hand. Be sure the dump lever latches securely.

**Note:** The bed of the DR Powerwolf is balanced so you can dump the load with minimal effort. If you are carrying a very heavy load, you may not be able to lift the bed to dump it when you release the latch lever. In this case, you will need to manually remove part of the load from the back of the bed, until the load is light enough to allow the bed to tip forward when you lift up on the back of it.

**WARNING!** Avoid positioning a heavy load too far forward in the bed. A badly positioned load can cause the bed to dump suddenly and with great upward force as soon as the latch is released.



Figure 4: Bed Release Handle



Figure 5: Tipping the Bed

## Dumping - Electric

If your DR Powerwolf is equipped with the electric dump feature:

1. Engage parking brake.
2. Remove front panel.
3. Return to the operator's seat.
4. Push up and hold dump control switch (*Figure 6*).
5. Hold switch until bed reaches the desired dump angle.

**Note:** On flat ground *only*, you can help a load dump completely by backing up slightly with the bed tipped up. Release parking brake, then back up slowly and carefully.

On a hill or uneven terrain do not move the machine with the bed up. Keep the parking brake set and shovel out any load that doesn't tip out.

6. Push down and hold the dump control switch to lower the bed. Make sure the bed has returned completely to the horizontal position before moving the DR Powerwolf.

**Note:** Raising the bed when the battery is dead requires first unbolting the actuator.



**Figure 6: Dump Control Switch**



**Figure 7: Electric Dump Mechanism**

## Free Wheel Mode

**Note:** The DR Powerwolf employs a hydrostatic transmission, which unlike a mechanical transmission does not have a neutral setting. In order to move the machine when the engine isn't running, you need to put it into Free Wheel Mode.

1. Set the parking brake.
2. Locate the Free Wheel Lever on the front left corner of the machine's frame below the dump bed. (*Figure 8*)
3. Push lever in until notch in lever aligns with the narrow part of the keyhole slot.
4. Seat the notch in the lever into the narrow part of the keyhole slot so that the lever is held in the pushed-in position. (*Figure 9*)
5. With parking brake released, the DR Powerwolf can be rolled freely forward or backward. Set the parking brake whenever machine is to be left unattended.
6. To re-engage the hydrostatic transmission, raise the Free Wheel lever to release it from narrow part of keyhole slot and pull it back out to the normal position.



Figure 8: Free Wheel Lever

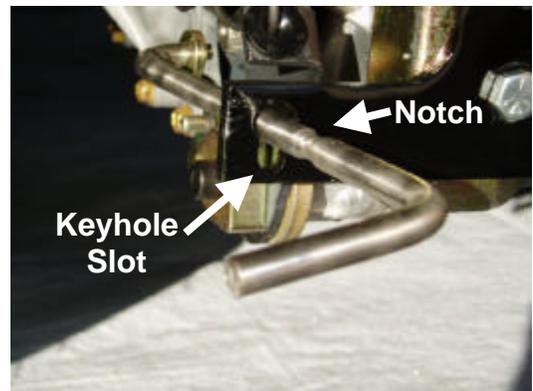


Figure 9: Normal Operating Position

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## Chapter 5: Maintaining the DR Powerwolf

Regular maintenance is the way to ensure the best performance and long life of your machine. Please refer to this manual and the engine manufacturer's owner's manual for maintenance procedures. Service intervals listed in the checklist below supercede those listed in the engine owner's manual.



**WARNING!** You must first disconnect the spark plug wire before performing any maintenance.

### Regular Maintenance Checklist

**Note:** Service intervals shown are considered maximum under normal operating conditions. Increase the frequencies under extremely dirty or dusty conditions.

Procedure	Before Each Use	Every 25 Hours	Every 100 Hours
Check Operator Presence System	X		
Check Engine Oil Level	X		
Check General Equipment Condition	X		
Lubricate Grease Fittings		X	
Check Tire Pressure	X		
Clean Air Filter & Pre-cleaner		X	
Change Engine Oil (1 <sup>st</sup> time 5 hours)		X	
Check Parking Brake Adjustment		X	
Check Belt Tension & Condition		X	
Check Cable Connections		X	
Clean Engine Exterior & Cooling Fins		X	
Check Engine Mounts		X	
Replace Spark Plug			X
Replace Air Filter & Pre-cleaner			X

## Battery Care

Proper care can extend the life of a battery. Follow these recommendations to ensure your battery's best performance and long life:

- Do not allow the battery charge to get too low. If the machine is not used, the battery should be charged every 4–6 weeks.
- Store an unused battery in a dry area that does not freeze.
- Do not charge a battery for more than 48 hours. In theory, our battery cannot be overcharged with a trickle charger; however, when a battery is fully charged and the charger is still on, it generates heat that could be harmful to the battery. A fully charged battery will read 12V-13.2V with a voltmeter.
- Do not continue to crank your engine when the battery charge is low.

### Symptoms of a battery needing a charge:

- The machine won't start with the key, but will start with the recoil starter.
- A whirring noise coming from the starter.
- A grinding noise and a whirring noise coming from the starter.
- No noise at all.

## Charging the Battery

Engine must be operated for at least 45 minutes to maintain proper battery charge. If the battery loses its charge, you'll need to use a trickle charger (like the DR<sup>®</sup> Battery Charger) to recharge it. The charger should have an output of 12 volts at no more than 2 amps.

- At 1 amp the battery may need to be charged for as long as 48 hours.
  - At 2 amps, the battery may need to be charged for as long as 24 hours.
1. Attach the red (+) battery charger wire to the red (+) battery connection, and the black (-) battery charger wire to the black (-) battery connection.
  2. Plug the battery charger into an outlet.

**Important!** When you are finished charging the battery, disconnect the battery charger wires from the battery before you disconnect the charger from the outlet. If the battery charger wires are left connected to the battery, the battery will discharge itself back into the charger.

## Lubrication

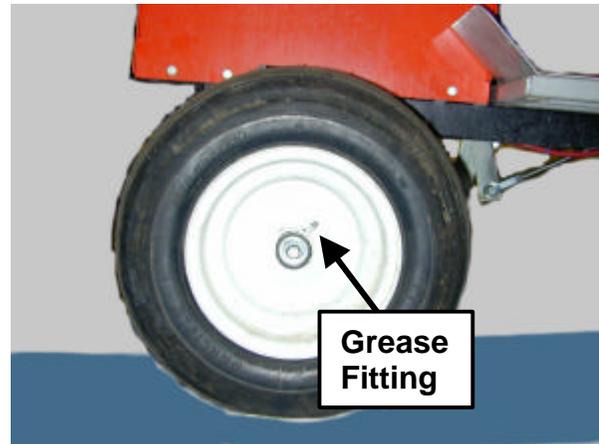
To maintain your DR Powerwolf in good working condition you need to provide engine lubrication, wheel and cable lubrication. The transmission does not require lubrication.

### Supplies Needed:

- #2 Lithium Grease
- FLUID FILM<sup>®</sup> or comparable lubricant

**! WARNING!** Before performing any maintenance procedure, set the parking brake, stop the engine, and disconnect the spark plug wire.

1. There is one grease fitting on each rear wheel (*Figure 10*). Grease these fittings with #2 lithium grease at least every 25 hours of operation per the Maintenance Checklist on page 17.
2. Use FLUID FILM<sup>®</sup> or similar lubricant to lubricate the brake lever and cable at the operator's end, the throttle lever and cable at both ends, and the foot pedal control linkage. Operate the brake and throttle levers to work lubricant into the cables.



**Figure 10: Rear Wheel Grease Fitting**

## Changing the Engine Oil

**⚠ WARNING!** Before performing any maintenance procedure, set the parking brake, stop the engine and disconnect the spark plug wire.

### Tools & Supplies Recommended:

- 3/8" Ratchet and extension
- Adjustable wrench
- SAE 30 High Detergent (HD) Oil 48 oz.
- Suitable container for the old oil
- Rag or cloth
- Liquid Vac Oil Drainer, item # 16145 (optional accessory, sold separately)

1. Allow the engine to cool and remove the oil drain plug from the bottom of the engine (*Figure 11*) and drain the oil.
2. Replace the plug and refill the oil to the level indicated on the dipstick. Do not overfill. Reference the Adding Oil and Gasoline section on page 9.
3. Start engine and run it for a few seconds; turn it off, wait five minutes and then re-check oil level.

### Alternate Method

1. Remove the Oil Fill Cap and vacuum the oil from the engine through the oil fill tube using the recommended oil drainer.



**Figure 11: Oil Fill and Drain**

**Note:** If the oil is not to be reused, be sure to use environmentally safe disposal procedures.

## Removing and Replacing the Belts

If your DR Powerwolf is starting to lose speed and power, and the engine is operating normally (with a clean air filter and spark plug), you may need to check and/or replace the drive belts. The unit has an intermediate shaft to transfer power from the drive pulley located at the bottom of the engine to the pulley located above the hydrostatic transmission.

**! WARNING!** Before performing any maintenance procedure, set the parking brake, stop the engine, and disconnect the spark plug wire.

**Important!** Use only DR<sup>®</sup> belts on your machine. They have been thoroughly tested and proven for many hours of use.

1. Position the machine on a level surface and set the parking brake.
2. Tip the bed forward.
3. Push the idler arm on the top belt toward the spring to reduce tension, unhook the arm from the spring, and swing the idler pulley away from the belt. (Figure 12)
4. Remove the belt first from the transmission pulley at the front of the machine. Then remove the belt from the intermediate shaft pulley.
5. Remove lower belt the same way. Disconnect idler arm from spring, remove belt first from drive pulley at engine, then from intermediate shaft pulley. (Figure 13)
6. Install new lower belt on drive pulley first, then on intermediate shaft pulley, and then the idler pulley.
7. Reconnect the idler spring.

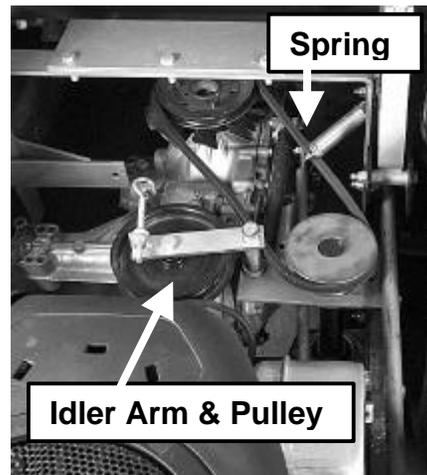


Figure 12: Top Drive Belt - Idler Arm Disconnected

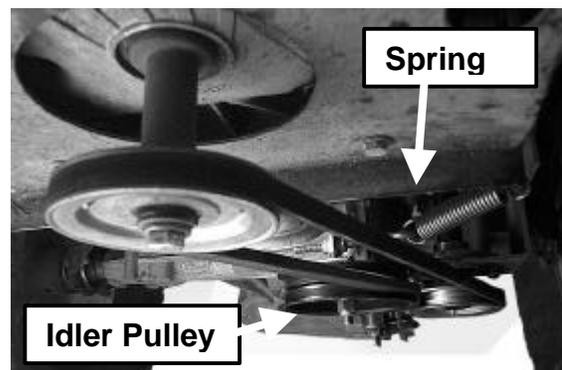


Figure 13: Lower Drive Belt

## Removing and Replacing the Front Wheels

 **WARNING!** Before performing any maintenance procedure, stop the engine, set the parking brake, and disconnect the spark plug wire.

### Tools Needed:

- Ratchet,  $\frac{3}{4}$ " socket, extension
  - Eye protection
1. Loosen lug nuts slightly before raising wheels from ground.
  2. Lift and block up the machine so that wheels are off the ground.
  3. Remove the lug nuts (*Figure 14*) and slide the wheel off.
  4. Slide the replacement wheel onto the hub and position it on the lugs.
  5. Replace lug nuts and turn them finger tight.
  6. Lower machine to the ground.
  7. Tighten lug nuts securely.



Figure 14: Front Wheel

## Removing and Replacing the Rear Wheels

**⚠ WARNING!** Before performing any maintenance procedure, stop the engine, set the parking brake, and disconnect the spark plug wire.

### Tools Needed:

- Ratchet, 1/2" socket
  - Eye protection
  - Pliers
1. Lift and block up the machine so that wheels are off the ground.
  2. Remove the lock bolt and washer, then slide the wheel off.
  3. Slide the replacement wheel onto the hub and replace the lock bolt and washer.
  4. Tighten lock bolt securely.
  5. Lower machine to the ground.

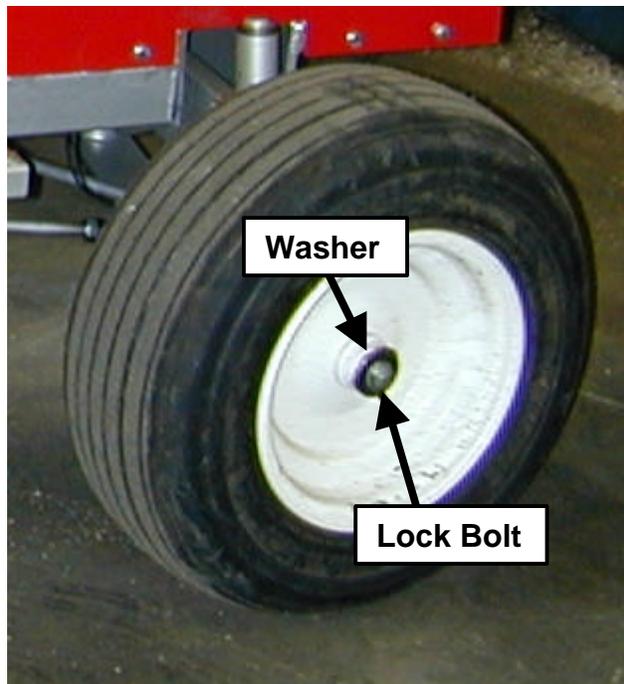


Figure 15: Rear Wheel

## Adjusting the Parking Brake

**Note:** Parking brake requires adjustment if the DR Powerwolf rolls on slopes with the parking brake set, or if parking brake will not set.



**WARNING!** Before performing any maintenance procedure, set the parking brake, stop the engine and disconnect the spark plug wire.

### Tool Needed:

- Two 1/2" wrenches or sockets

1. With the machine on a level surface, set the parking brake and put the machine in free wheel mode.
2. Test the brake by trying to roll the machine. It should not move in either direction with the parking brake set.
3. To adjust brake if needed, remove linkage from emergency brake handle (*Figure 16*) using two 1/2" wrenches.
4. Turn linkage tie rod end counter-clockwise to tighten the brake or clockwise to loosen it.
5. Re-attach linkage to parking brake handle
6. Test the brake, as described in Step 3. Repeat the adjustment if necessary.

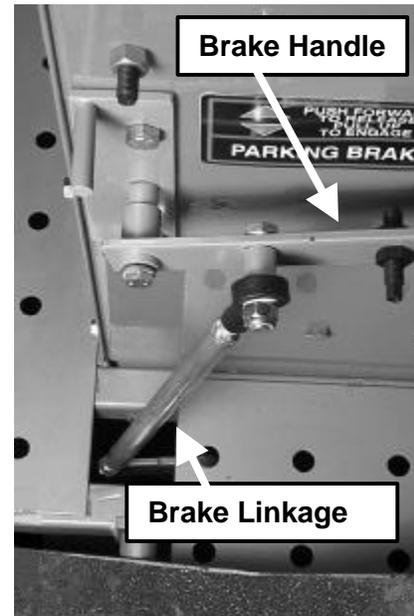


Figure 16: Brake Linkage

**Note:** Turn the linkage joint only 1/2 turn at a time, and then test the brake to see if the adjustment worked. If needed, adjust the joint another 1/4 turn and test again.

## Brake Cable Adjustment

**Note:** The brake cable is factory set. If you think the brake cable needs to be adjusted, you may actually need to replace the brake pads. See below.

## Changing the Brake Pads

**! WARNING!** Before performing any maintenance procedure, set the parking brake, stop the engine, and disconnect the spark plug wire.

**Note:** If your DR Powerwolf rolls on slopes when the brake is set, and you have tried adjusting the brake, the brake pads may need to be replaced.

### Tools & Supplies Needed:

- 1/2" wrench or socket
- Mat or container for loose parts

**Note:** You may want to remove the wheel to provide easier access to the brake area. (See page 22)

1. Find a level area to work. The parking brake should NOT be engaged. Block the wheels so the machine cannot move.
2. Locate the brake caliper at the right front of the machine (*Figure 17*).
3. Use 1/2" wrench to remove the two caliper bolts holding the brake caliper.
4. Remove the spring.
5. Carefully remove the caliper.

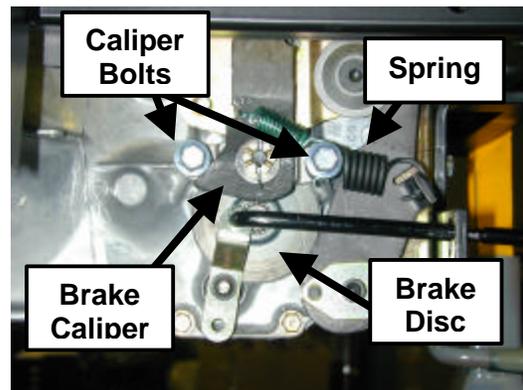


Figure 17: Brake Assembly

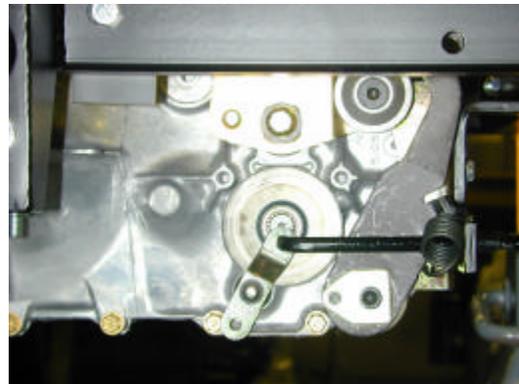
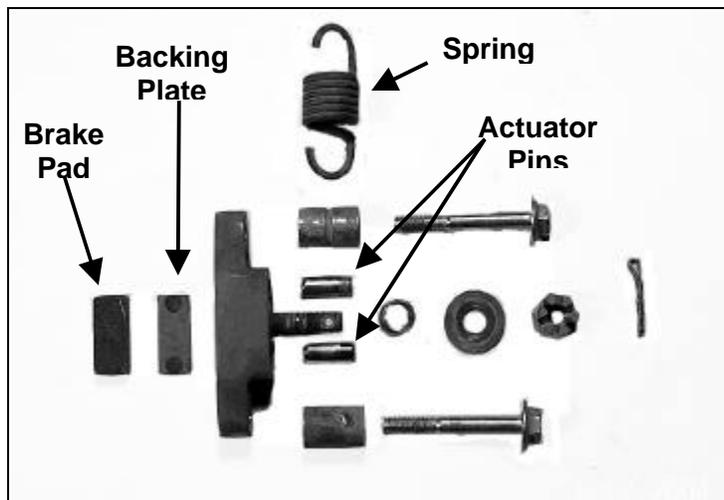


Figure 18: Brake Disk Caliper Removed

- Note:** The caliper contains four small parts: the brake pad, the backing plate, and two small actuator pins (*Figure 19*). As you let the caliper hang from its attaching hardware, keep track of these parts as they could fall out. Clean away any debris from these parts and the inside of the caliper.
3. Pull the brake disc off the keyed shaft, being careful not to lose the shaft key.
  4. Remove the old brake pad from behind the disc and replace it with a new brake pad, then reinstall the brake disc.
  5. Replace the caliper housing and its parts: the two actuator pins and the backing plate. Make sure the brake arm assembly is in the upright position and the recessed cutout on the caliper is facing up with the plate to the rear. Reinstall the two caliper bolts and be careful not to over tighten them.
  6. Test the brake: With the machine on a level surface, set the parking brake, and put the machine in free wheel mode. If the brake does not engage or hold, tighten the brake adjustment 1/4 turn with a 1/2" wrench. See *Adjusting the Parking Brake* on page 24.
- Note:** Check the parking brake periodically and adjust accordingly.



**Figure 19: Brake Components**

## Replacing the Throttle Cable

**⚠ WARNING!** Before performing any maintenance procedure, set the parking brake, stop the engine, and disconnect the spark plug wire.

**Note:** The Throttle Cable is set at the factory and generally no service is required. However, when replacing the throttle cable it is important to follow these steps:

### Tools Needed:

- 5/16" wrench or socket
  - Phillips screwdriver
  - Standard screwdriver
1. Raise the dump bed.
  2. Use wrench or socket to loosen the screw on the throttle cable clamp (Bowden clamp) so that the throttle cable can slide below it. It is not necessary to remove the clamp (*Figure 20*).
  3. Unhook the "Z" bend at the end of the throttle cable from the throttle plate.

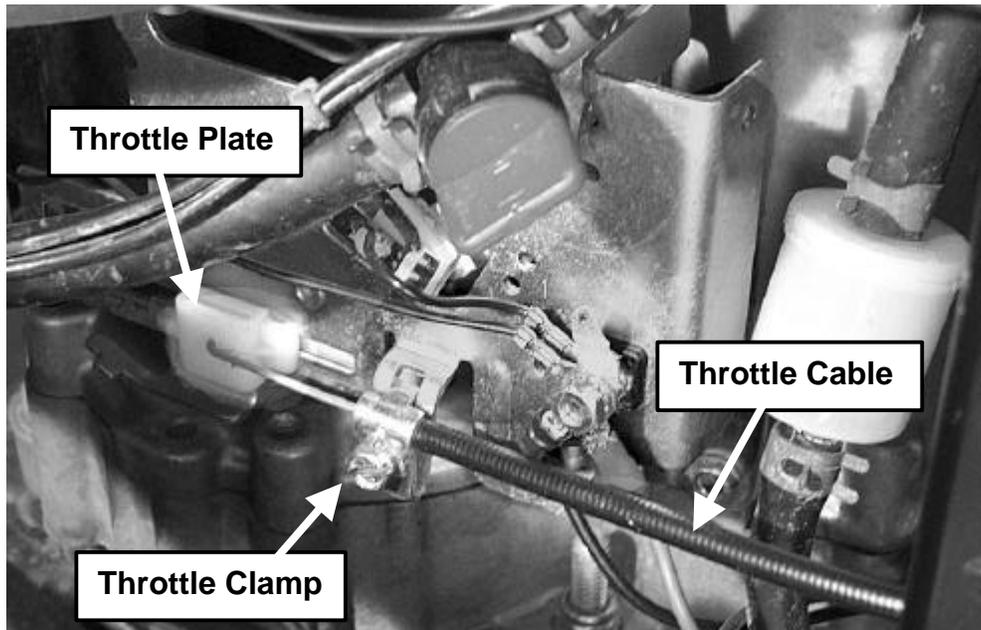


Figure 20: Throttle Hook-up - Engine

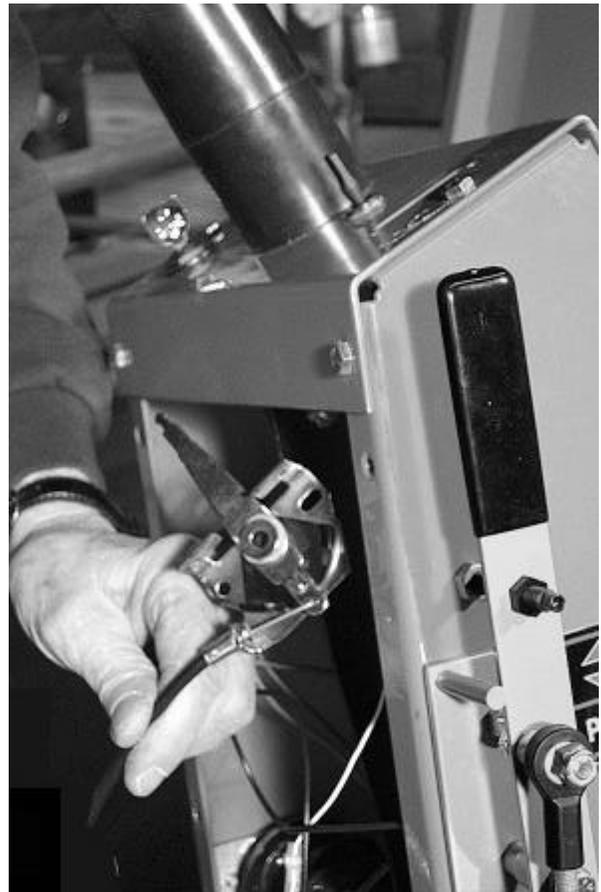
4. Remove the front console panel and remove the knob from the throttle lever.
5. Remove the two Phillips head screws and nuts that secure the throttle control to the front console panel (*Figure 21*).
6. Attach new throttle control to the front console panel.
7. Route the throttle cable the same as the old cable, being careful not to bend or kink the cable.
8. Place the  $\square Z \square$  bend end of the throttle cable into the small hole on the throttle plate on the engine.
9. Make sure that the throttle lever is all the way back to the stop position on the control console. Pull the cable sheath until the throttle plate can no longer move.
10. Use wrench or socket to tighten the cable clamp screw (Bowden clamp).

**Important!** If the cable is clamped with too much tension between the clamp and the throttle plate, the engine will not return to idle properly.

11. Start the engine and check the operation of the machine.



**Figure 21: Preparing To Remove Throttle Lever**



**Figure 22: Throttle Lever Assembly**

## Adjusting the Foot Pedal Control

The foot pedal control governs direction of travel and speed. Top speed in each direction is adjustable.

 **WARNING!** Before performing any maintenance procedure, stop the engine, set the parking brake, and disconnect the spark plug wire.

### Tools Needed:

- Two 9/16" box or open-end wrenches
1. Loosen and remove far end of foot pedal control linkage at front right corner of the machine.
  2. Use one wrench to hold linkage and the other to turn tie rod end for adjustment: clockwise (shorter) to increase forward top speed, counterclockwise (longer) to reduce forward top speed.

**Note:** These adjustments also determine reverse top speed. Reverse top speed decreases as forward top speed increases and vice versa.

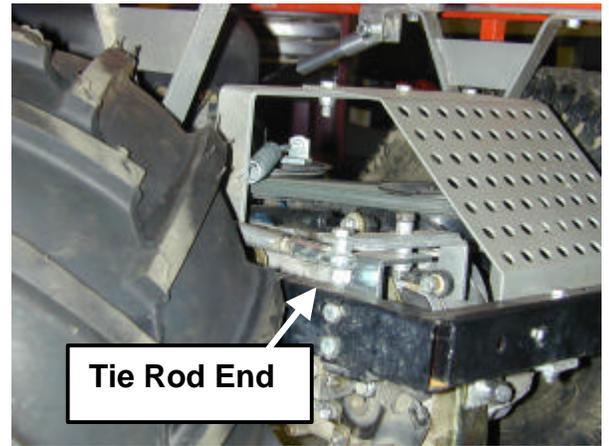


Figure 23: Foot Pedal Control Linkage

## End of Season & Storage



**WARNING!** Before performing any maintenance procedure, stop the engine, set the parking brake, and disconnect the spark plug wire.

**Note:** Please refer to the engine manufacturer's owner's manual for engine-specific procedures.

- Change the oil. This will help eliminate sludge and acids in the engine. For winter use, use SAE 5W 30W.
- If your DR Powerwolf will be idle for more than 30 days, we recommend using a gas stabilizer to prevent sediment from gumming up the carburetor. If there is dirt or moisture in the gas or tank, drain the tank to remove it. Completely fill the tank with fresh, unleaded gas and add the appropriate amount of stabilizer or gasoline additive. Run the engine for a short time to circulate the additive.
- Remove the spark plug and pour about 1 ounce of motor oil into the cylinder hole. Either crank the engine with the starter for a couple of seconds or turn the crankshaft until you feel strong resistance. The motor oil coats the piston and seats the valves to prevent moisture buildup. Replace the spark plug.
- Clean/replace the air filters.
- Clean dirt and debris from the cylinder head cooling fins, carburetor linkage, blower housing, rotating screen, and muffler area of the engine.
- Check to make sure the operator controls can move freely. Lubricate the foot pedal control linkage, parking brake lever, and throttle cable with FLUID FILM<sup>®</sup> or similar lubricant if necessary. See page 19.
- When the DR Powerwolf is in storage the battery should be removed and kept in a cool, dry place. We suggest charging the battery every two months while the DR Powerwolf is stored and again before you are ready to start the new season. This will help the battery maintain its charge all season. See page 19.

## Chapter 6: Troubleshooting

Most problems are easy to fix. Consult the troubleshooting table for common problems and their solutions. If you continue to experience difficulties, call a Technical Support Representative at Country Home Products.

### Troubleshooting Table



**WARNING!** Before performing any maintenance procedure, set the parking brake, stop the engine, and disconnect the spark plug wire.

SYMPTOM	POSSIBLE CAUSE
<p><i>Engine won't start.</i></p> <p><i>(Please refer to the Engine Manufacturer's Owner's Manual for engine-specific procedures.)</i></p>	<ul style="list-style-type: none"> <li>⇒ Are you sitting on seat? Is parking brake set? Engine will not start unless one of those two conditions is met.</li> <li>⇒ Is the key in the START position?</li> <li>⇒ Are you using fresh, clean gas? If the gas is old, change it. Use a fuel stabilizer if you keep gas longer than one month.</li> <li>⇒ Check the throttle adjustment and cable travel.</li> <li>⇒ Is the spark plug clean? If the spark plug is dirty or cracked, change it. If it's oily, leave it out, hold a rag over the plug hole and crank the engine briefly to blow out any oil in the cylinder, then wipe off the plug and reinsert it.</li> <li>⇒ Is the air filter clean? If not, clean or replace it.</li> <li>⇒ Check connections for the Operator Presence switch beneath the seat cushion, at the key switch, and at the engine.</li> <li>⇒ If your engine still won't start, call <b>1(800) DR-OWNER (376-9637)</b> for assistance.</li> <li>⇒ Have you checked all the items in the Starting section on page 10? If not, do so now.</li> <li>⇒ Check wire connections — especially the ground connection (large black wire coming from the battery) where it connects to the frame.</li> </ul>

SYMPTOM	POSSIBLE CAUSE
<p><i>Engine won't start.</i> (Continued)</p> <p><i>(Please refer to the Engine Manufacturer's Owner's Manual for engine-specific procedures.)</i></p>	<ul style="list-style-type: none"> <li>⇒ Check the wire connections. First, disconnect the green battery ground wire to avoid sparks. Check to be sure that all connections are clean and tight. Reconnect the battery ground wire.</li> <li>⇒ Check the ground connection where it's bolted to the frame. Using a wrench or socket, spin the bolts and tighten them to ensure a good connection to the frame.</li> <li>⇒ Is your battery charged? Check it yourself or at a gas station. If it's low, charge it with a 12-volt, 1 to 2 amp trickle charger. If you don't use your machine for at least 45 minutes at a time, the battery may need charging periodically. See the Battery Care section on page 18.</li> <li>⇒ If your battery is charged and your DR<sup>®</sup> Powerwolf still won't start, call <b>1(800) DR-OWNER (376-9637)</b> for assistance.</li> </ul>
<p><i>Engine smokes.</i></p>	<ul style="list-style-type: none"> <li>⇒ Check the oil level and adjust as needed.</li> <li>⇒ You may be operating the machine on too great an incline. See the Slopes and Uneven Terrain section on page 13.</li> <li>⇒ Check the air filter and clean or replace if needed.</li> <li>⇒ You may be using oil that is too light for the temperature. Refer to your Engine Owner's Manual for detailed information.</li> <li>⇒ Clean the engine's cooling fins if they're dirty.</li> <li>⇒ If the engine still smokes, call <b>1(800) DR-OWNER (376-9637)</b> for assistance.</li> </ul>

SYMPTOM	POSSIBLE CAUSE
<p><i>Engine lacks power or does not run smoothly.</i></p> <p><i>(Please refer to the Engine Manufacturer's Owner's Manual for engine-specific procedures.)</i></p>	<p>⇒ Check the throttle travel and adjustment.</p> <p>⇒ Is the air filter clean? If it's dirty, change it following the procedure in your Engine Owner's Manual.</p> <p>⇒ Is the spark plug clean? If it's fouled or cracked, change it. If it's oily, leave it out, hold a rag over the plug hole and crank the engine briefly to blow out any oil in the cylinder, then wipe off the plug and reinsert it.</p> <p>⇒ Are you using fresh, clean unleaded gas? If it's old, change it. Use a fuel stabilizer if you keep gas longer than one month.</p> <p>⇒ Does your engine have the right amount of clean oil? If it's dirty, change it following the procedure in the Engine Manufacturer's Owner's Manual.</p> <p>⇒ Check the oil level and adjust as needed.</p> <p>⇒ If your engine still lacks power, call <b>1(800) DR-OWNER (376-9637)</b> for assistance.</p>
<p><i>Belt frays or rolls over the pulley.</i></p>	<p>⇒ A pulley groove may be nicked. Check the belt for wear and hard spots. File off any nicks on the pulley.</p> <p>⇒ The belt may be stretched. Replace it.</p>
<p><i>Machine will not go in reverse.</i></p>	<p>⇒ Foot pedal control may need adjustment. See page 29.</p>
<p><i>Wheels pulling left or right.</i></p>	<p>⇒ Check tire pressures. See page 8.</p>
<p><i>Machine lacks traction</i></p>	<p>⇒ Is the load even in the bed? The more weight over the wheels the better the traction.</p>
<p><i>Wheels won't turn.</i></p>	<p>⇒ Foot pedal control may need adjustment. See page 29.</p> <p>⇒ Is the parking brake on?</p> <p>⇒ Is a belt loose or off its pulley? See page 21.</p> <p>⇒ Check belts are on idler pulleys correctly. See page 21.</p>

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## Chapter 7: Parts List

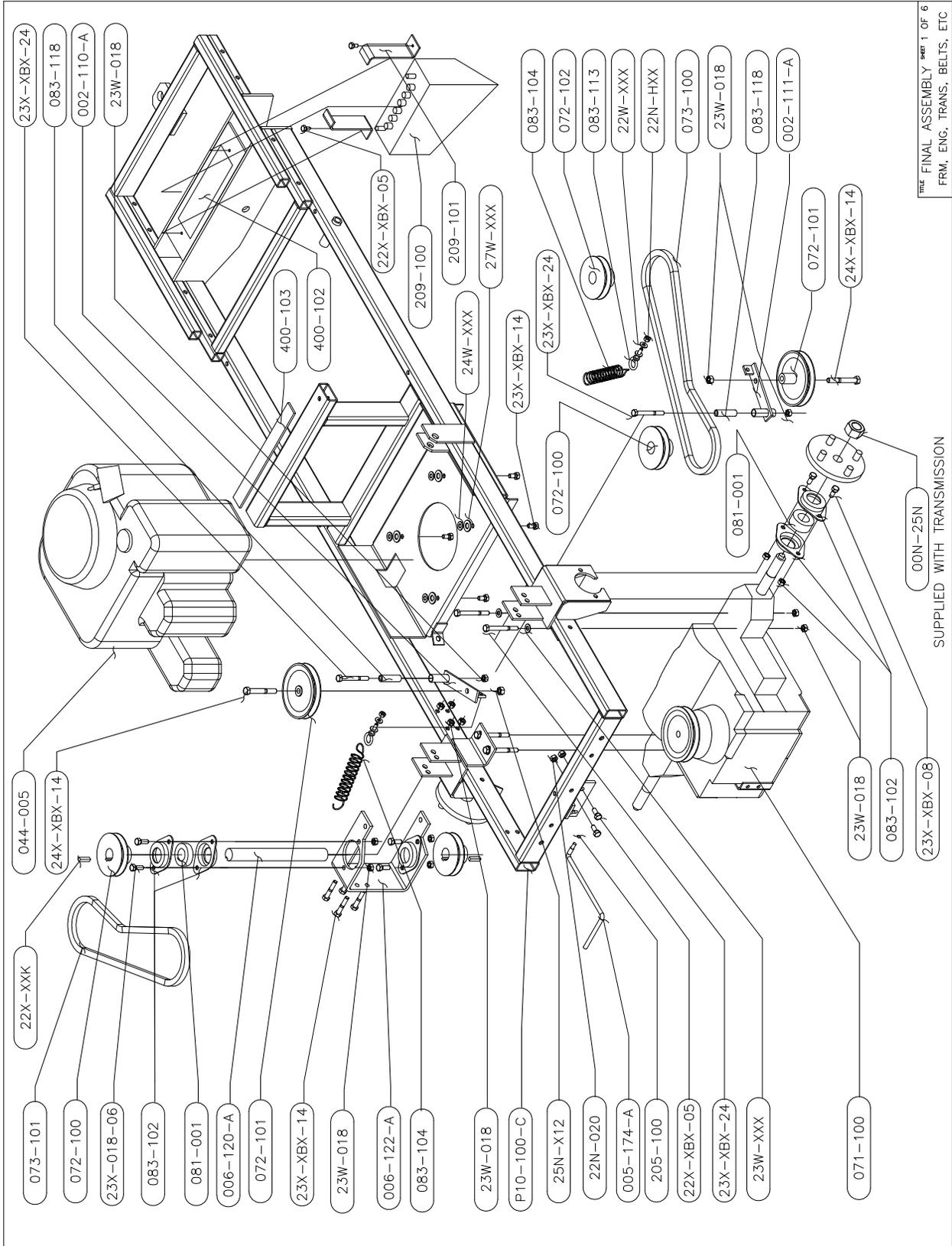
### Model - RS 1000

Part Number	No/Ea	Part Name
083-101	2	END FITTING FOR GAS SPRING
001-112	1	STEERING COLUMN FRAME
001-113	1	LOAD BED FRAME
001-114	1	BACK PANEL
001-115	1	REAR AXLE 20 - 16 WHEELS
001-117	1	REAR AXLE PIVOT PLANT
001-118	1	LOAD BED SUPPORT HINGE
001-119	1	LOAD BED SUPPORT HINGE W/ACTUATOR BRACKET
001-120	1	SIDE PANEL - RIGHT
001-121	1	SIDE PANEL - LEFT
001-122	1	END PANEL
002-110	1	BELT TENSIONER - TRANSMISSION BELT
002-111	1	BELT TENSIONER - ENGINE BELT
002-124	1	LOAD BED LATCH MOUNT
002-125	1	LOAD BED LATCH
003-105	1	STEERING COLUMN - RIGHT SIDE
003-106	1	STEERING COLUMN - LEFT SIDE
003-107	1	STEERING COLUMN - FRONT PANEL
003-108	1	STEERING COLUMN - CONTROL PANEL
003-110	1	SEAT BOX - RIGHT SIDE
003-111	1	SEAT BOX - LEFT SIDE
003-112	1	SEAT BOX - FRONT & TOP
003-113	1	SEAT BOX - BACK COVER
003-153	1	GAS TANK BRACKET
005-140	1	TIE ROD ARM, 20 - 16 WHEELS
005-141	2	TIE ROD
005-142	1	STEERING ROD LINKAGE ARM
005-143	1	STEERING ARM AXLE
005-144	1	STEERING NUT
005-147	1	BEARING, STEERING 3/4" BORE
005-148	1	STEERING SHAFT
005-149	1	STEERING NUT BRACKET
005-151	1	SPEED CONTROL FOOT PEDAL
005-152	1	SPEED CONTROL BRACKET
005-155	1	SPEED CONTROL ARM
005-159	1	SPEED CONTROL TIE ROD
005-169	1	PARKING BRAKE HANDLE
005-170	1	PARKING BRAKE LEVER
005-171	1	PARKING BRAKE MOUNTING BRACKET
005-172	1	LONG BRAKE ROD
005-173	1	SHORT BRAKE ROD
005-174	1	FREE WHEEL ROD
006-110	1	WHEEL AXLE - RIGHT
006-111	1	WHEEL AXLE - LEFT

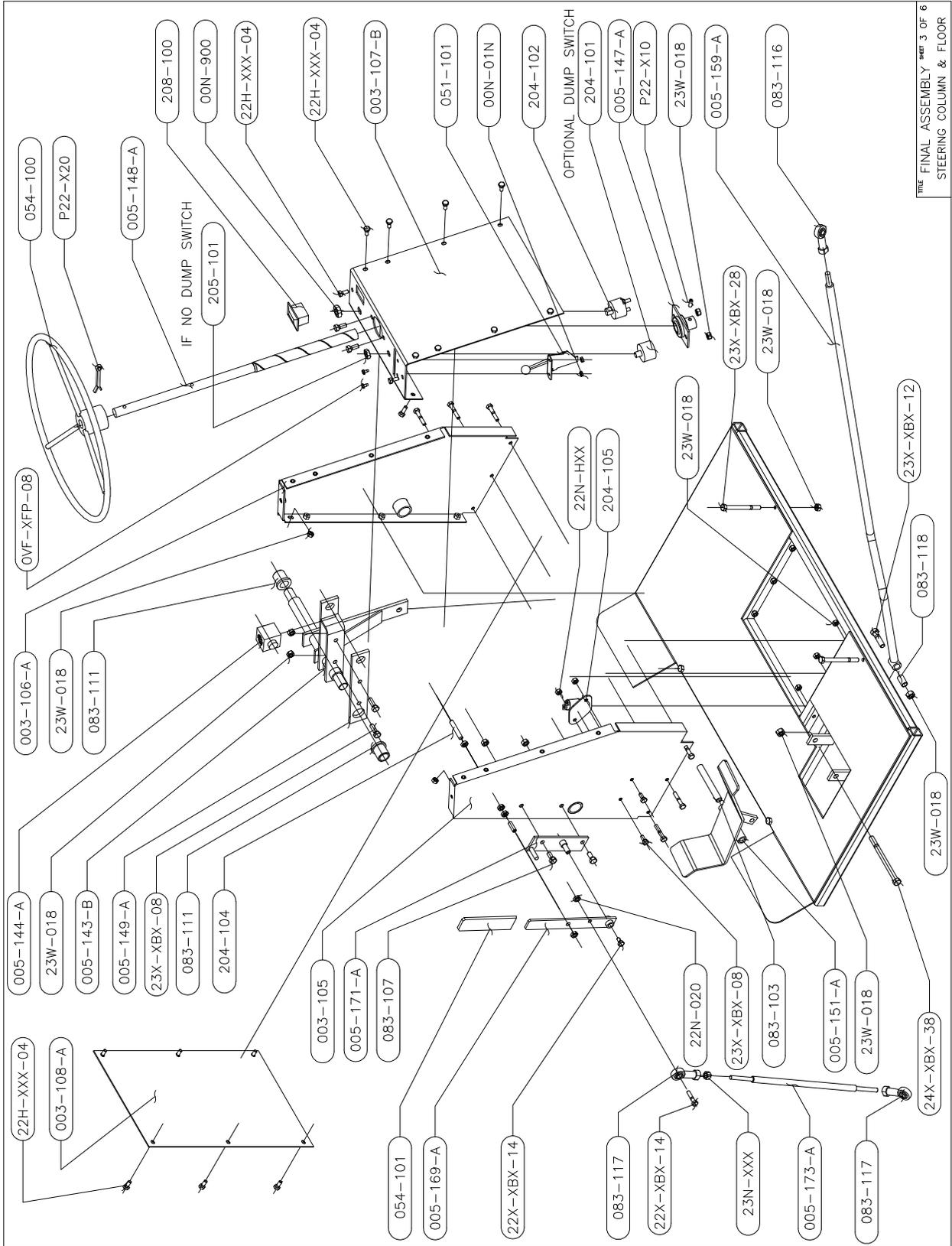
<b>Part Number</b>	<b>No/Ea</b>	<b>Part Name</b>
006-112	1	BELT GUARD BAIL
006-113	1	BELT GUARD
006-120	1	INTERMEDIATE PULLEY SHAFT
006-122	1	INTERMEDIATE SHAFT MOUNT
008-000-12	2	SCREW, 8 x 1 1/2
00N-01N	2	NUT, 6/32
00N-25N	8	LUG NUT, 7/16-14
00N-900	1	FLANGED NUT
040-100	1	AMP PLUG
044-005	1	BRIGGS 8.5 HP POWERBUILT MOTOR
051-100	1	BATTERY CABLE
051-101	1	THROTTLE CABLE
051-102	1	BATTERY CABLE
051-103	1	BATTERY CABLE
054-100	1	STEERING WHEEL
054-101	2	HANDLE GRIP
054-103	1	STEERING BOOT
055-007	2	E-RING
061-102	1	20 X 10 X 8 AG TIRE, RIGHT
061-103	2	21 X 10 X 8 TURF TIRE
061-104	2	STRAIGHT RIB TIRE
061-105	1	20 X 10 X 8 AG TIRE, LEFT
06F-XFP-08	2	SCREW, 6/32 x 1"
071-100	1	TRANSMISSION
072-100	2	3.5 PULLEY
072-101	2	IDLER PULLEY
072-102	1	4.0 PULLEY
073-100	1	DRIVE BELT
073-101	1	TRANSMISSION BELT
081-001	4	BEARING, 1" BORE
083-100	1	GAS SPRING
083-102	8	FLANGETTE
083-103	1	BUSHINGS
083-104	2	V-BELT TENSION SPRING
083-105	1	DUMP SPRING
083-106	10	SMALL ALUMINUM BUSHINGS FOR STEERING
083-107	1	MED ALUMINUM BUSHINGS FOR STEERING
083-109	2	RUBBER GROMMET
083-111	8	BUSHING PLASTIC
083-112	2	SPRING PIN
083-113	2	OPEN EYE BOLT
083-114	4	7/16 X 20 ROD END, FEMALE, LH
083-115	4	7/16 X 20 ROD END, FEMALE, RH
083-116	2	THROTTLE LINK ROD END
083-117	2	EMERGENCY BRAKE ROD END
083-118	2	SPRING PINS
094-100	1	FUEL TANK
094-113	1	FUEL LINE

<b>Part Number</b>	<b>No/Ea</b>	<b>Part Name</b>
094-114	5	FUEL LINE CLAMP
152-100	7	CABLE TIES
204-100	1	FUEL SHUT OFF
204-101	1	TOGGLE SWITCH - OPTION
204-102	1	IGNITION SWITCH
204-103	1	SEAT SWITCH
204-104	1	PROXIMITY SWITCH
204-105	1	SOLENOID
205-100	1	1/4" PUSH RETAINER
205-101	1	PLASTIC PLUG
205-102	5	STUD RING
205-103	1	STUD RING
206-100	6	CONNECTOR
206-101	3	FEMALE QUICK CONNECT
206-102	5	FEMALE QUICK CONNECT
206-103	2	VINYL BUTT CONNECTORS
207-101	1	WIRING HARNESS
208-001	1	ACTUATOR, ELECTRIC DUMP
208-100	1	TACHOMETER
209-100	1	SP 30 BATTERY
209-101	2	BATTERY HOLD DOWN
22H-XXX-04	36	SCREW, 1/4 - 20X 1/2 SERRATED HEX
22N-020	12	NYLON LOCK NUT, 1/4" - 20
22N-HXX	4	HEX NUT, 1/4" - 20
22T-XTX -08	10	TORQUE SCREW, 1/4" x 20 x 1"
22W-XXX	16	1/4" WASHER
22X-XBX-05	2	BOLT, 1/4" - 20 x 5/8"
22X-XBX-06	12	BOLT, 1/4" - 20 x 3/4"
22X-XBX-14	6	BOLT, 1/4" - 20 x 1 3/4"
22X-XXK	3	1/4 MACHINE KEYS
23N-XXX	4	HEX NUT, 5/16" x 24
23W-018	85	NYLON LOCK, 5/16" - 18
23W-XXX	18	WASHER, 5/16"
23X-018-06	24	BOLT, 5/16" - 18 x 3/4"
23X-024-06	2	BOLT, 5/16" - 24 x 3/4"
23X-XBX-08	7	BOLT, 5/16" - 18 x 1"
23X-XBX-12	5	BOLT, 5/16" - 18 x 1 1/2"
23X-XBX-14	8	BOLT, 5/16" - 18 x 1 3/4"
23X-XBX-20	12	BOLT, 5/16" - 18 x 2 1/2"
23X-XBX-24	6	BOLT, 5/16" - 18 x 3"
23X-XBX-28	4	BOLT, 5/16" - 18 x 3 1/2"
24W-XXX	10	WASHER, 3/8"
24X-XBX-04	1	SHOULDER BOLT, 5/16" - 18 x 1"
24X-XBX-06	1	BOLT, 3/8" - 16 x 5/8"
24X-XBX-10	1	SHOULDER BOLT, 5/16" - 18 x 1 3/4"
24X-XBX-14	2	BOLT, 3/8" - 16 x 1 3/4"
24X-XBX-20	1	BOLT, 3/8" - 16 x 2 1/2"
25N-LHX	10	HEX NUT, 7/16" - 20 LH

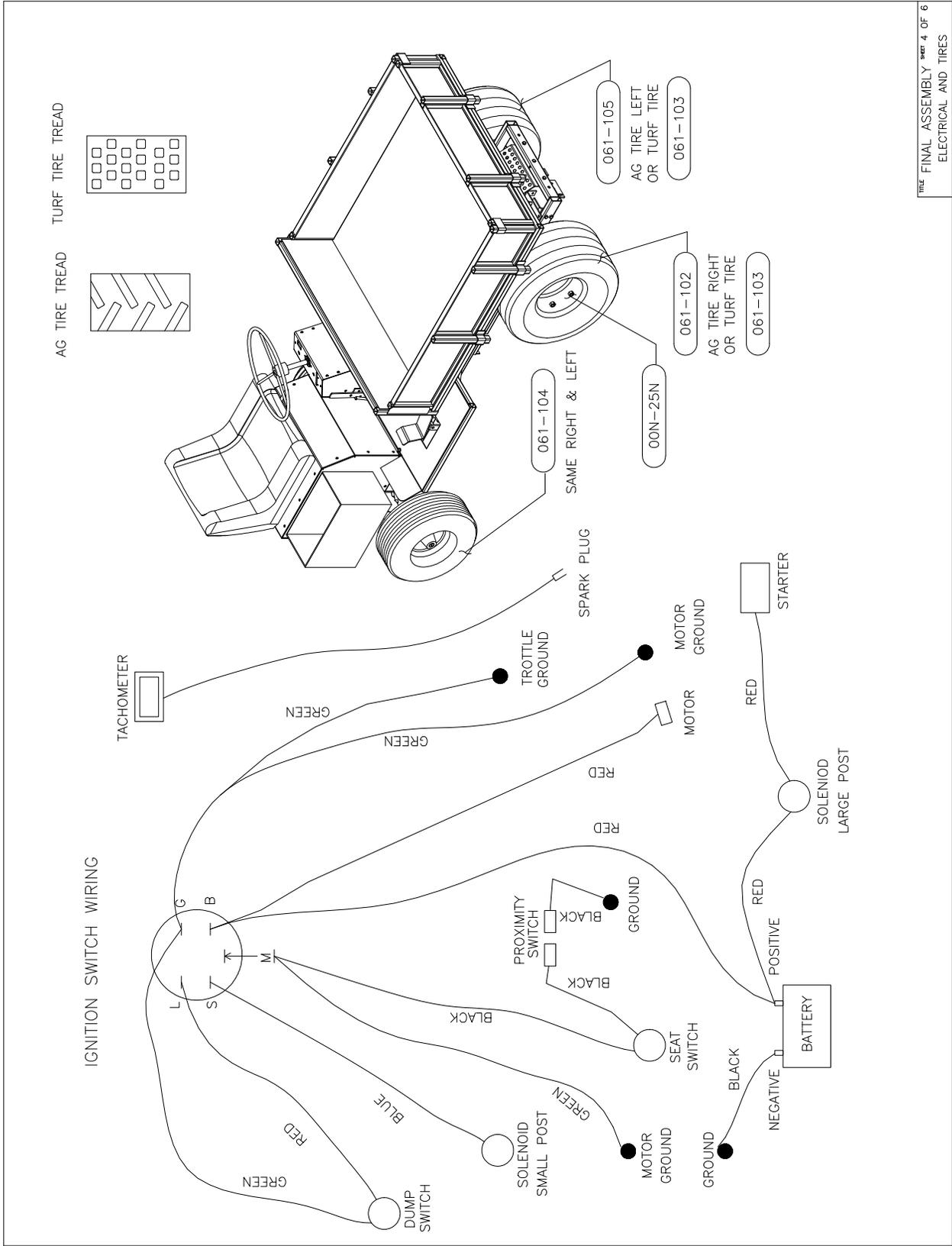
<b>Part Number</b>	<b>No/Ea</b>	<b>Part Name</b>
25N-RHX	10	HEX NUT, 7/16" - 20 RH
25N-X12	12	NYLON LOCK NUT, 3/8" - 16
25N-X14	12	NYLON LOCK, 7/16" - 14
25X-XBX-06	1	BOLT, 7/16" - 24 x 3/4"
26N-X13	1	NYLON LOCK NUT, 1/2" - 13
26X-XBX-18	2	BOLT, 1/2" - 13 x 2 1/4"
27W-XSX	1	LOCK WASHER, 7/16"
27W-XXX	8	WASHER, 7/16"
28N-X11	1	NYLON LOCK NUT, 5/8" - 18
30H-XXX	2	ZINC SCREW, 3/4"
356-100	1	SEAT
356-101	1	SET SEAT ADJUSTERS
395-002	1	SERIAL NUMBER LABEL
400-100	1	PLYWOOD
400-101	1	TOOL BASKET
400-102	2	ADHESIVE FOAM
400-103	1	ADHESIVE FOAM
400-104	2	RUBBER BUMPERS
P10-100	1	FRAME
P22-X10	1	SPRING PIN
P22-X20	1	SPRING PIN
P35-XCX-08	1	COTTER PIN

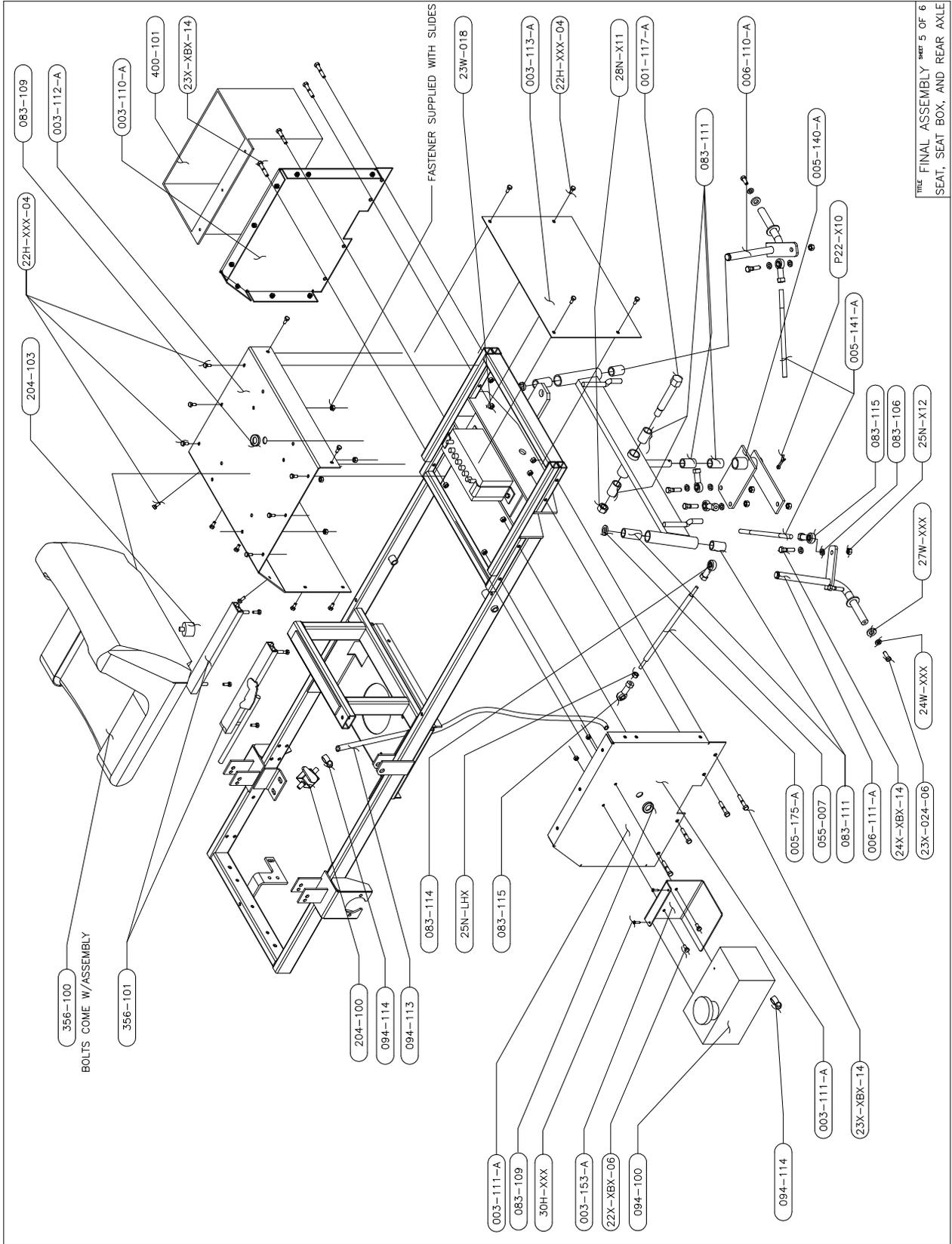




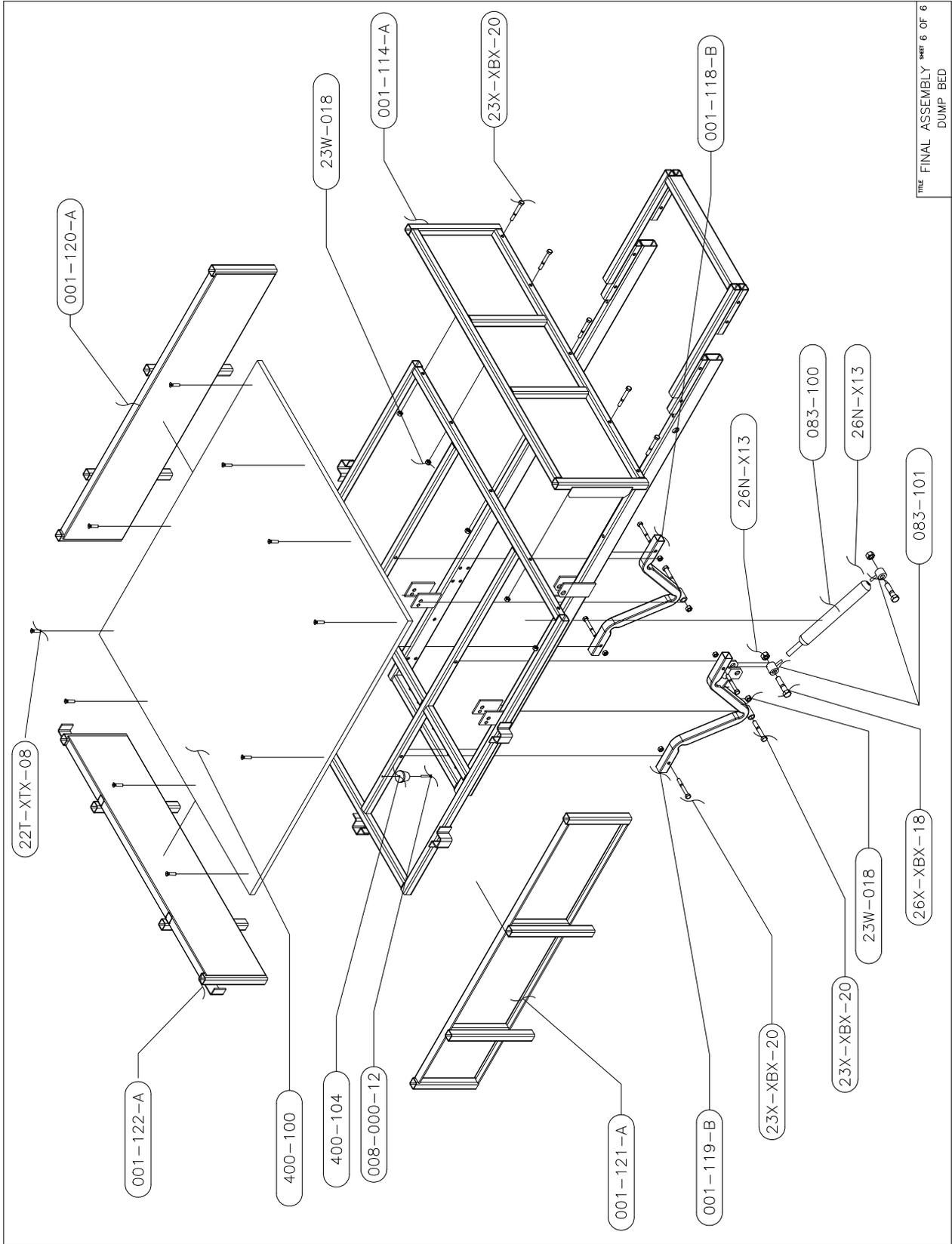


THE FINAL ASSEMBLY PART 3 OF 6  
STEERING COLUMN & FLOOR





THE FINAL ASSEMBLY <sup>REV 5</sup> OF 6  
SEAT, SEAT BOX, AND REAR AXLE



FILE FINAL ASSEMBLY SHEET 6 OF 6  
DUMP BED

## **Notes:**

# 1-Year Limited Warranty

## Terms and Conditions

The DR® POWERWOLF™ is warranted for one (1) year against defects in materials or workmanship when put to ordinary and normal consumer use; ninety (90) days for any other use. The engine is warranted separately by the engine manufacturer.

For the purposes of all the above warranties, ordinary and normal consumer use refers to non-commercial residential use and does not include misuse, accidents or damage due to inadequate maintenance.

Country Home Products, Inc. certifies that the DR POWERWOLF is fit for ordinary purposes for which a product of this type is used. Country Home Products, Inc. however, limits the implied warranties of merchantability and fitness in duration to a period of one (1) year in consumer use, ninety (90) days for any other use.

The 1-Year Limited Warranty on the DR POWERWOLF starts on the date the machine ships from our factory. The 1-Year Limited Warranty is applicable only to the original owner.

The warranty holder is responsible for the performance of the required maintenance as defined by the manufacturer's owner's manuals. The warranty holder is responsible for replacement of normally wearing parts such as the belts, bearings, batteries, brakes and cables. Attachments and accessories to the machine are not covered by this warranty.

During the warranty period, the warranty holder is responsible for the machine transportation charges, if required. During the warranty period, warranty parts will be shipped by standard method at no charge to the warranty holder. Expedited shipping of warranty parts is the responsibility of the warranty holder.

SOME STATES DO NOT ALLOW LIMITATIONS ON THE LENGTH OF IMPLIED WARRANTIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

Country Home Products, Inc. shall not be liable under any circumstances for any **incidental or consequential damages or expenses** of any kind, including, but not limited to, cost of equipment rentals, loss of profit, or cost of hiring services to perform tasks normally performed by the DR POWERWOLF.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

## Customer Service Hotline

Country Home Products, Inc.'s objective is to have 100% satisfied customers. For that reason, we operate a 6-day-a-week Technical Service Department for our Owners. You can access a Representative by dialing our TOLL-FREE Hotline at 1-800-DR-OWNER (376-9637). The sole job of our well-trained and friendly folks is to ensure that you get any help you need in a timely fashion. They are there to answer all your questions including: (1) inquiries on any of the above warranties, (2) inquiries about replacement parts, or (3) your questions regarding service, maintenance and operation.

Our Customer Service Representatives will also be happy to answer any of your questions regarding the separate warranty on the engine. However, to obtain service, repair or replacement of the engine within the time period covered by the manufacturer's limited warranty, follow the instructions and warranty information specifically pertaining to those items provided by the separate manufacturer.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

## Daily Checklist for the DR Powerwolf

To help maintain your DR<sup>®</sup> Powerwolf for optimum performance, we recommend you follow this checklist each time you use your machine.

- OIL:** With the machine on a level surface, remove the oil fill cap and check the oil level. Fill the reservoir according to the dipstick with SAE30 High Detergent (HD) motor oil.
- GAS:** Fill the gas tank with fresh, unleaded gasoline.
- ENGINE:** It is very important to keep the engine clean. Remove grass and other debris from the engine cooling fins and debris guard. A dirty engine retains heat and can cause damage to internal engine components.
- BELTS:** Check the belts for wear, proper alignment and tension.
- AIR FILTER:** Check the air filter. An engine starts much more easily and runs cooler with a clean air filter. Please refer to your engine manufacturer's owner's manual for instructions on cleaning the air filter.
- TIRES:** Check the tires for wear and proper inflation.



COUNTRY HOME PRODUCTS, Inc.

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**MEIGS ROAD, P.O. BOX 25, VERGENNES, VERMONT 05491**

1-800-DR-OWNER (376-9637) [www.dr-owner.com](http://www.dr-owner.com)

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