

DR[®] WIDE-CUT LAWN MOWER



SAFETY & OPERATING INSTRUCTIONS



Serial No. _____

Order No. _____

! WARNING!

READ AND UNDERSTAND THIS MANUAL AND ALL INSTRUCTIONS BEFORE OPERATING THIS MOWER.

Congratulations on your purchase of a new DR WIDE-CUT LAWN MOWER!

We have done our utmost to ensure that your DR WIDE-CUT LAWN MOWER will be one of the most trouble-free and satisfying pieces of equipment you have ever owned. Please let us know of any questions you may have. We want to answer them as quickly as possible. When you do call, please have your order number handy. **For technical assistance, please visit our website at www.DRPower.com or call Toll-Free: 1-800-DR-OWNER (376-9637) and one of our Technical Support Representatives will be happy to help you.** We also hope to hear from you on how much you like your new helper.

In addition, please tell your friends about your new DR WIDE-CUT LAWN MOWER! 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
DR Power Equipment

SALES MANAGER

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INTRODUCING THE DR WIDE-CUT LAWN MOWER

This manual will help you set up and safely operate your new DR WIDE-CUT LAWN MOWER. Careful adherence to the safety and operating instructions in this manual will ensure many years of productive use. Please let us know of any questions you may have. We want to answer them as quickly as possible. When you do call, please have your order number handy. **For technical assistance, please visit our website at www.DRPower.com or call Toll-Free 1-800-DR-OWNER (376-9637) and one of our Technical Support Representatives will be happy to help you.**

Conventions used in this manual

WARNING!

THIS INDICATES A HAZARDOUS SITUATION, WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.

CAUTION!

THIS INDICATES A HAZARDOUS SITUATION, WHICH, IF NOT AVOIDED, COULD RESULT IN MINOR OR MODERATE INJURY.

NOTICE!

THIS INFORMATION IS IMPORTANT IN THE PROPER USE OF YOUR MACHINE. FAILURE TO FOLLOW THIS INSTRUCTION COULD RESULT IN DAMAGE TO YOUR MACHINE OR PROPERTY.

Tip: This is a helpful hint to guide you in getting the most out of your DR WIDE-CUT LAWN MOWER.

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

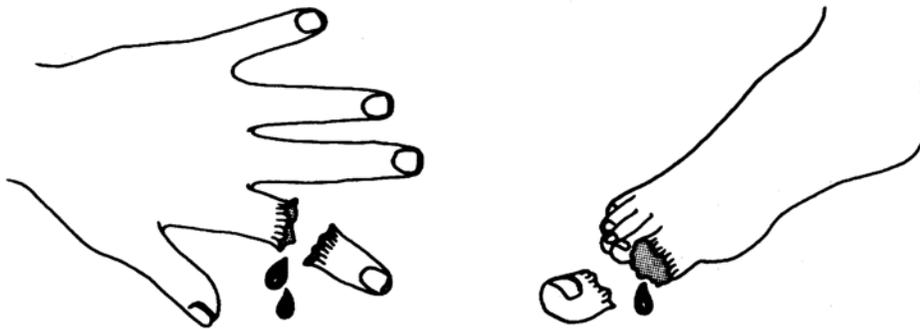
NOTE: *This information may be helpful to you.*

If you are ever unsure about an action you are about to take, don't do it, visit our website at www.DRPower.com or contact DR Power Equipments' Toll-Free support at 1-800-DR-OWNER (376-9637) for help or information.

GENERAL SAFETY RULES

WARNING!

- READ THIS SAFETY AND OPERATING MANUAL BEFORE YOU USE THE DR WIDE-CUT LAWN MOWER. BECOME FAMILIAR WITH THE SERVICE RECOMMENDATIONS TO ENSURE THE BEST PERFORMANCE FROM YOUR MOWER.
- THOROUGHLY INSPECT THE AREA IN WHICH YOU WILL BE WORKING AND REMOVE ALL FOREIGN OBJECTS. CLEAR THE AREA OF OBJECTS SUCH AS ROCKS, TOYS, WIRE, BONES, STICKS ETC., WHICH COULD BE PICKED UP AND THROWN BY THE BLADES WHICH COULD DAMAGE THE MACHINE AND/OR CAUSE INJURY.
- THIS IS A HIGH-POWERED MACHINE, WITH MOVING PARTS OPERATING WITH HIGH ENERGY AT HIGH SPEEDS. YOU MUST USE PROPER CLOTHING AND SAFETY GEAR WHEN OPERATING THIS MACHINE TO PREVENT OR MINIMIZE THE RISK OF SEVERE INJURY. THIS MACHINE CAN CUT AND SEVER PARTS OF YOUR BODY IF THEY CONTACT THE MOVING BLADES.



Labels

Your DR WIDE-CUT LAWN MOWER carries prominent labels as reminders for its proper and safe use. Shown below are copies of all the labels that appear on the equipment. Take a moment to study them and make a note of their location on your DR WIDE-CUT LAWN MOWER as you assemble and *before* you operate the machine. Replace damaged or missing safety and information labels immediately.



Make sure you add oil before starting the Engine; the unit shipped without oil. Fill the oil reservoir slowly to make sure you don't overfill it. (#127811)



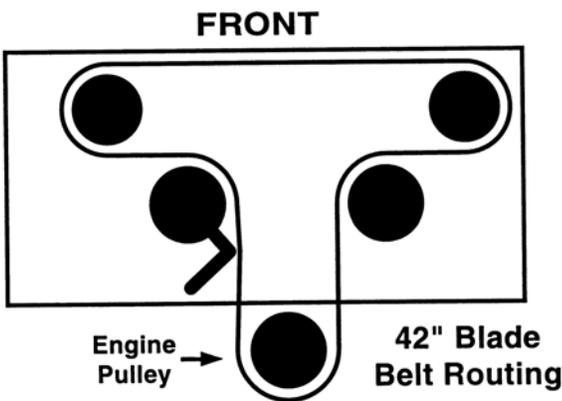
Keep combustible substances away from the Engine when it is hot. (#136831)



To avoid injury, keep your hands and feet away from the spinning Blades. (#136491)

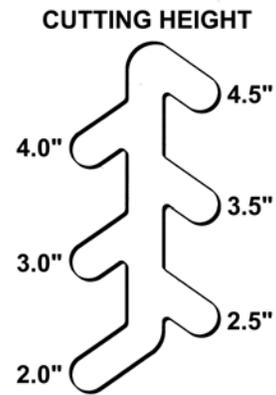


Move the throttle to the CHOKE position to start the engine (to the RUN or IDLE position if the Engine is already warm). (#161541)



#164381

This label shows the proper operator routing of the Lawn Deck Drive Belt. (#164381)



This label shows the different cutting heights available for the Lawn Deck. (#157641)

Safety and Operating Instructions Label (#240761)

Protecting Yourself and Those Around You

WARNING!

THIS IS A HIGH-POWERED MACHINE, WITH MOVING PARTS OPERATING WITH HIGH ENERGY AT HIGH SPEEDS. YOU MUST OPERATE THE MACHINE SAFELY. UNSAFE OPERATION CAN CREATE A NUMBER OF HAZARDS FOR YOU, AS WELL AS ANYONE ELSE IN THE NEARBY AREA. ALWAYS TAKE THE FOLLOWING PRECAUTIONS WHEN USING THIS MACHINE:

- ALWAYS WEAR THE PROTECTIVE GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS WHILE MOWING TO PROTECT YOUR EYES FROM POSSIBLE THROWN DEBRIS.
 - WEAR SHOES WITH NON-SLIP TREADS WHEN USING YOUR DR WIDE-CUT LAWN MOWER. IF YOU HAVE SAFETY SHOES, WE RECOMMEND WEARING THEM. DO NOT USE THE MACHINE WHILE BAREFOOT OR WEARING SANDALS WITH EXPOSED TOES OR HEELS.
 - AVOID WEARING LOOSE CLOTHING OR JEWELRY, WHICH CAN CATCH ON THE MOWER'S MOVING PARTS.
 - WE RECOMMEND WEARING GLOVES WHILE MOWING. BE SURE YOUR GLOVES FIT PROPERLY AND DO NOT HAVE LOOSE CUFFS OR DRAWSTRINGS.
-

Operating the Mower Safely

WARNING!

THIS IS A HIGH-POWERED MACHINE, WITH MOVING PARTS OPERATING WITH HIGH ENERGY AT HIGH SPEEDS. YOU MUST OPERATE THE MACHINE SAFELY. UNSAFE OPERATION CAN CREATE A NUMBER OF HAZARDS FOR YOU, AS WELL AS ANYONE ELSE IN THE NEARBY AREA. ALWAYS TAKE THE FOLLOWING PRECAUTIONS WHEN USING THIS MACHINE:

- NEVER ALLOW PEOPLE WHO ARE UNFAMILIAR WITH THESE INSTRUCTIONS TO USE THE DR WIDE-CUT LAWN MOWER.
- KEEP BYSTANDERS AT LEAST 100 FEET AWAY FROM YOUR WORK AREA AT ALL TIMES. THE MOWER CAN THROW OBJECTS FAR AND AT GREAT SPEEDS. TO BE SAFE, DO NOT OPERATE THE MACHINE NEAR SMALL CHILDREN OR PETS, AND NEVER ALLOW CHILDREN TO OPERATE THE MOWER. DISENGAGE THE BLADES AND STOP THE ENGINE WHEN ANOTHER PERSON OR PET APPROACHES.
- CLEAR THE AREA OF OBJECTS SUCH AS ROCKS, TOYS, WIRE, BONES, STICKS ETC., WHICH COULD BE PICKED UP AND THROWN BY THE BLADES.
- BE SURE ALL BLADE AND WHEEL CONTROLS ARE DISENGAGED BEFORE ATTEMPTING TO START THE ENGINE. ENGAGE AND DISENGAGE THE BLADES A FEW TIMES TO GET USED TO IT BEFORE MOWING.
- KEEP YOUR HANDS AND FEET AWAY FROM THE BLADES, BELTS, CHAINS, BLADE PULLEYS, AND CONCEALED AREAS WHILE THE ENGINE IS RUNNING. NEVER REACH UNDER THE DECK OR GRAB HOLD OF ANY PART OF THE DECK WHEN THE ENGINE IS RUNNING.
- NEVER USE THE MOWER WITH THE DISCHARGE CHUTE REMOVED.

! WARNING!

- YOUR DR WIDE-CUT LAWN MOWER IS A POWERFUL TOOL, NOT A PLAYTHING. EXERCISE EXTREME CAUTION AT ALL TIMES. THE DESIGN OF THIS MACHINE IS TO CUT GRASS. DO NOT USE IT FOR ANY OTHER PURPOSE.
- IN AN EMERGENCY, TO QUICKLY STOP THE CUTTING BLADES AND SHUT OFF THE ENGINE, REMOVE YOUR HAND FROM THE OPERATOR PRESENCE LEVER ON THE LEFT HANDLEBAR.
- ALWAYS SHUT OFF THE ENGINE WHENEVER YOU LEAVE THE MACHINE. ALLOW THE ENGINE TO COOL FIVE (5) MINUTES AND REMOVE THE SPARK PLUG WIRE BEFORE ADJUSTING THE MACHINE. IF YOU HAVE TO STOP TO REMOVE GRASS OR DEBRIS FROM THE UNDERSIDE OF THE DECK, ALWAYS DISCONNECT THE SPARK PLUG WIRE FIRST.
- THE EXHAUST AREA ON THE ENGINE BECOMES VERY HOT WITH USE. ALLOW THE ENGINE TO COOL BEFORE DOING MAINTENANCE OR MAKING ADJUSTMENTS.
- KEEP COMBUSTIBLE SUBSTANCES AWAY FROM THE ENGINE WHEN IT IS HOT.
- WHEN OPERATING OVER UNEVEN TERRAIN AND SLOPES, USE EXTREME CAUTION TO ENSURE SOLID AND FIRM FOOTING. KEEP A FIRM HOLD ON THE HANDLEBARS AND WALK, NEVER RUN.
- STOP THE BLADES WHEN CROSSING GRAVEL DRIVES, WALKS, OR ROADS.
- USE EXTRA CAUTION WHEN MOWING IN WET OR SLIPPERY CONDITIONS.
- ALWAYS OPERATE THE MOWER FROM BEHIND. NEVER PASS OR STAND ON THE DISCHARGE (RIGHT) SIDE OR IN FRONT OF MACHINE WHEN THE ENGINE IS RUNNING.
- DO NOT PULL THE MOWER BACKWARDS UNLESS ABSOLUTELY NECESSARY. LOOK DOWN, AND BEHIND BEFORE, AND WHILE MOVING BACKWARDS.
- DO NOT, UNDER ANY CONDITIONS, REMOVE, BEND, CUT, FIT, WELD, OR OTHERWISE ALTER STANDARD PARTS ON THE DR WIDE-CUT LAWN MOWER. THIS INCLUDES ALL SHIELDS AND GUARDS. MODIFICATIONS TO YOUR MACHINE COULD CAUSE PERSONAL INJURIES AND PROPERTY DAMAGE AND WILL VOID YOUR WARRANTY.
- IF THE MACHINE STARTS TO MAKE AN UNUSUAL NOISE OR VIBRATION, IMMEDIATELY SHUT OFF THE ENGINE AND WAIT FIVE (5) MINUTES FOR ALL MOVING PARTS TO COME TO A COMPLETE STOP AND COOL, AND THEN DISCONNECT THE SPARK PLUG WIRE. VIBRATION IS GENERALLY A WARNING OF TROUBLE. INSPECT FOR CLOGGING OR DAMAGE. CLEAN AND REPAIR AND/OR REPLACE DAMAGED PARTS.
- WHILE USING THE DR WIDE-CUT LAWN MOWER, 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 MOWER AT ALL TIMES.
- DO NOT OPERATE THE MACHINE WHEN UNDER THE INFLUENCE OF DRUGS, ALCOHOL, OR MEDICATION.
- WATCH FOR TRAFFIC WHEN MOWING NEAR ROADWAYS.
- USE THE MACHINE ONLY IN DAYLIGHT.

Slope Operation

WARNING!

SLOPES ARE A MAJOR FACTOR RELATED TO SLIP AND FALL ACCIDENTS, WHICH CAN RESULT IN SEVERE INJURY. ALL SLOPES REQUIRE CAUTION. IF YOU FEEL UNEASY ON A SLOPE, DO NOT MOW IT. ALWAYS TAKE THE FOLLOWING PRECAUTIONS WHEN USING THIS MACHINE ON SLOPES:

ALWAYS:

- ALWAYS MOW ACROSS THE FACE OF SLOPES, NEVER UP AND DOWN. EXERCISE EXTREME CAUTION WHEN CHANGING DIRECTION ON SLOPES.
- ALWAYS REMOVE OBJECTS SUCH AS ROCKS, TREE LIMBS, ETC., FROM THE WORK AREA.
- ALWAYS WATCH OUT FOR HOLES, RUTS, OR BUMPS. TALL GRASS CAN HIDE OBSTACLES.

NEVER:

- NEVER MOW NEAR DROP-OFFS, DITCHES, OR EMBANKMENTS. YOU COULD LOSE YOUR FOOTING OR BALANCE.
 - NEVER MOW ON SLOPES GREATER THAN 20 DEGREES OR ANY EXCESSIVELY STEEP SLOPES.
 - NEVER MOW ON WET SLOPES. REDUCED TRACTION COULD RESULT IN SLIPPING.
-

Safety for Children

WARNING!

TRAGIC ACCIDENTS CAN OCCUR IF THE OPERATOR IS NOT ALERT TO THE PRESENCE OF CHILDREN. CHILDREN ARE OFTEN ATTRACTED TO THE MOWER AND THE MOWING ACTIVITY. NEVER ASSUME THAT CHILDREN WILL REMAIN WHERE YOU LAST SAW THEM.

- KEEP CHILDREN OUT OF THE MOWING AREA AND UNDER THE WATCHFUL CARE OF A RESPONSIBLE ADULT.
 - BE ALERT AND TURN THE MOWER OFF IF CHILDREN ENTER THE WORK AREA.
 - BEFORE AND WHILE MOVING BACKWARDS, LOOK BEHIND, AND *DOWN* FOR SMALL CHILDREN.
 - NEVER ALLOW CHILDREN TO OPERATE THE MOWER.
 - USE EXTRA CARE WHEN APPROACHING BLIND CORNERS, SHRUBS, TREES, OR OTHER OBJECTS THAT MAY OBSCURE YOUR VISION.
-

Safety with Gasoline-Powered Machines

WARNING!

GASOLINE IS A HIGHLY FLAMMABLE LIQUID. GASOLINE ALSO GIVES OFF FLAMMABLE VAPOR THAT CAN BE EASILY IGNITED AND CAUSE A FIRE OR EXPLOSION. NEVER OVERLOOK THE HAZARDS OF GASOLINE. ALWAYS FOLLOW THESE PRECAUTIONS:

- **NEVER RUN THE ENGINE IN AN ENCLOSED AREA OR WITHOUT PROPER VENTILATION AS THE EXHAUST FROM THE ENGINE CONTAINS CARBON MONOXIDE, WHICH IS AN ODORLESS, TASTELESS, AND DEADLY POISONOUS GAS.**
 - **STORE ALL FUEL AND OIL IN CONTAINERS SPECIFICALLY DESIGNED AND APPROVED FOR THIS PURPOSE AND KEEP AWAY FROM HEAT AND OPEN FLAME, AND OUT OF THE REACH OF CHILDREN.**
 - **FILL THE GASOLINE TANK OUTDOORS WITH THE ENGINE OFF AND ALLOW THE ENGINE TO COOL COMPLETELY. 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. REPLACE THE FUEL TANK AND FUEL CONTAINER CAPS SECURELY.**
 - **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 IN ANY ENCLOSURE. NEVER STORE THE MACHINE WITH GAS IN THE TANK OR A FUEL CONTAINER, NEAR AN OPEN FLAME OR SPARK SUCH AS A WATER HEATER.**
 - **NEVER MAKE ADJUSTMENTS OR REPAIRS WITH THE ENGINE RUNNING. DISCONNECT THE SPARK PLUG WIRE AND KEEP THE WIRE AWAY FROM THE SPARK PLUG TO PREVENT ACCIDENTAL STARTING.**
 - **NEVER TAMPER WITH SAFETY DEVICES. CHECK THEIR PROPER OPERATION REGULARLY.**
 - **DO NOT CHANGE THE ENGINE GOVERNOR SETTINGS OR MODIFY THE ENGINE SPEED.**
 - **TO REDUCE FIRE HAZARD, KEEP THE ENGINE AND MUFFLER FREE OF DEBRIS BUILD-UP.**
 - **REPLACE RUBBER FUEL LINES AND GROMMETS WHEN WORN OR DAMAGED, BUT DO NOT USE OVER FIVE (5) YEARS.**
-

! CAUTION!

THE MOWER MUST BE OPERATED SAFELY TO PREVENT OR MINIMIZE THE RISK OF MINOR OR MODERATE INJURY. UNSAFE OPERATION CAN CREATE A NUMBER OF HAZARDS FOR YOU. ALWAYS TAKE THE FOLLOWING PRECAUTIONS WHEN OPERATING THIS MOWER:

- KEEP IN MIND THAT THE OPERATOR OR USER IS RESPONSIBLE FOR ACCIDENTS OR HAZARDS OCCURRING TO OTHER PEOPLE, THEIR PROPERTY, AND THEMSELVES.
 - USE EAR PROTECTORS OR EAR PLUGS RATED FOR AT LEAST 20 DBA TO PROTECT YOUR HEARING.
 - WEAR LONG PANTS WHILE MOWING.
 - USE CAUTION WHEN MOWING CLOSE TO FENCES, BUILDINGS, TREES, ETC.; SO AS NOT TO HIT THE HANDLE BAR. DOING SO, YOU MAY INJURE YOUR HAND OR LOSE CONTROL OF THE MACHINE.
 - SEE MANUFACTURER'S INSTRUCTIONS FOR PROPER OPERATION AND INSTALLATION OF ACCESSORIES. ONLY USE PARTS AND ACCESSORIES APPROVED BY DR POWER EQUIPMENT.
 - KEEP ALL NUTS AND BOLTS TIGHT, ESPECIALLY THE BLADE ATTACHMENT BOLTS, AND KEEP THE EQUIPMENT AND ATTACHMENTS IN GOOD OPERATING CONDITION.
 - THE MOWER BLADES ARE SHARP AND CAN CUT. WRAP THE BLADES OR WEAR GLOVES, AND USE EXTRA CAUTION WHEN SERVICING.
 - NO LIST OF WARNINGS AND CAUTIONS CAN BE ALL-INCLUSIVE. IF SITUATIONS OCCUR THAT ARE NOT COVERED BY THIS MANUAL, THE OPERATOR MUST APPLY COMMON SENSE AND OPERATE THIS MOWER IN A SAFE MANNER. VISIT OUR WEBSITE AT WWW.DRPOWER.COM OR CALL 1(800) DR-OWNER (376-9637) FOR ASSISTANCE.
-

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. This also applies to operation on US Forest Lands. We provide all DR WIDE-CUT LAWN MOWERS shipped to California and Washington State 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, Forest Service, State Park Association, or the appropriate state organization for specific information in your area.

Additional Information and Potential Changes

DR Power Equipment 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.

SETTING UP YOUR DR WIDE-CUT LAWN MOWER

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 new Mower by reviewing **Figure 1** below, and the descriptions on the next page, before beginning the steps outlined in this chapter. If you have any questions at all, please feel free to visit our website at www.DRPower.com or contact our Customer Service Representatives at our Toll-Free number 1-800-DR-OWNER (376-9637).

DR WIDE-CUT LAWN MOWER Controls and Features

NOTE: The model shown in **Figure 1** may look slightly different from your machine.

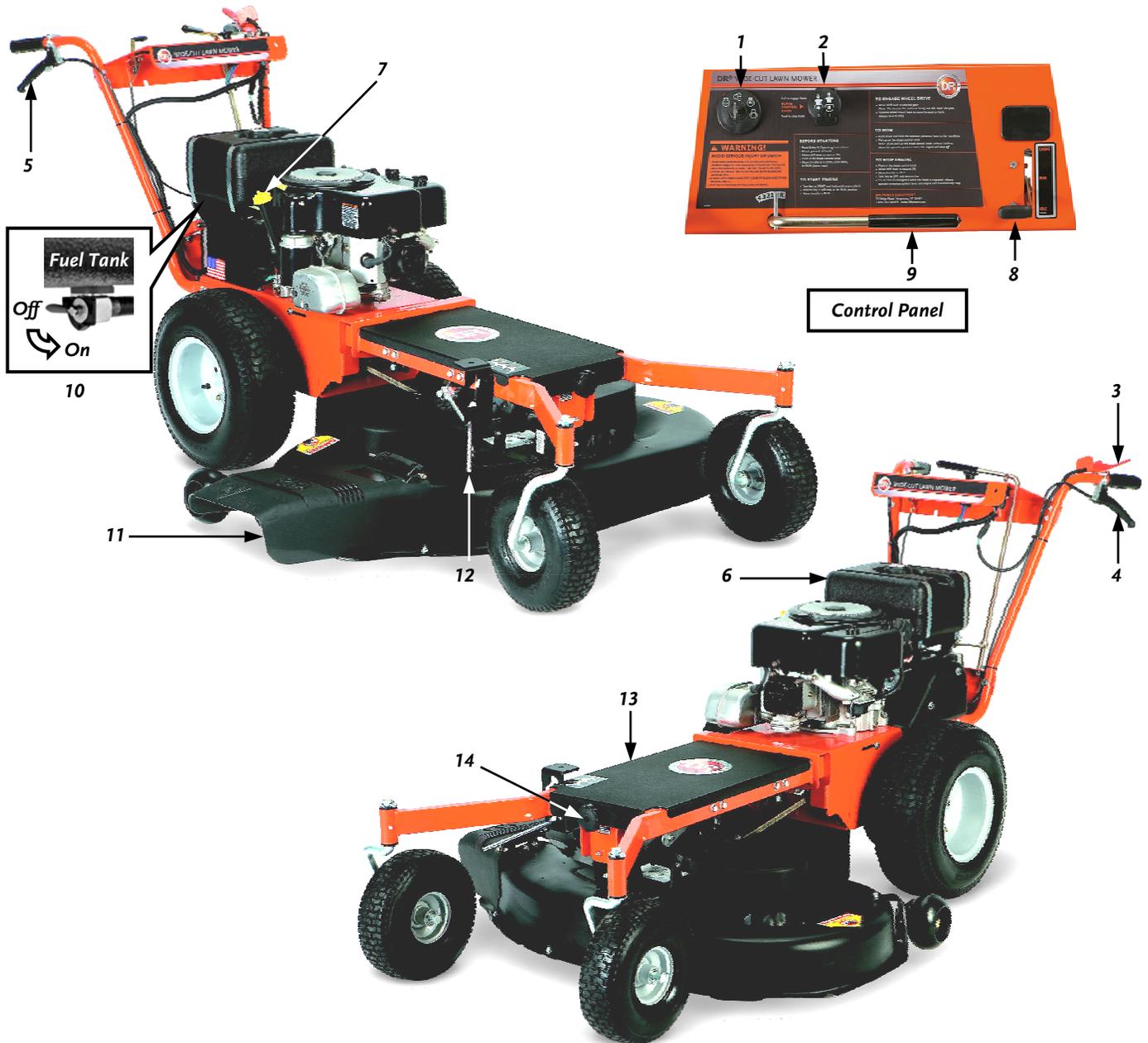


Figure 1

1. **Ignition Switch** - Located on the Control Panel. The Ignition Switch has three positions: OFF, RUN, and START. To Start the Engine, turn the Key all the way to START. Release the Key when the Engine Starts and it will automatically return to the RUN position. Turn the Switch to the OFF position to stop the Engine.
2. **Blades Control Knob** - Located on the Control Panel. Pull up to rotate the Cutting Blades. Push in to stop the Cutting Blades from rotating. Operator Presence Safety Switches on the Mower will not allow you to start the Engine or leave the Mower with the Engine running when the Blades Control Knob is in the pulled up position.
3. **Operator Presence Lever** - Located on the Left Handlebar. Squeeze and hold the Operator Presence Lever down against the Handlebar to operate the Mower when the Cutting Blades are rotating. This Operator Presence Lever is designed for your safety. The switch it actuates will shut down the Blades and the Engine if you leave the Mower's Operating Position when the Cutting Blades are rotating.
4. **Wheel Clutch Lever** - Located on the Left Handlebar. Gently squeeze the Wheel Clutch Lever to engage the Wheel Drive and release the Wheel Clutch Lever if you need to slow down or stop.
5. **Parking Brake Lever w/Lock** - Located on the Right Handlebar. Set the Parking Brake by squeezing the Lever and lifting up on the Lock pin when you leave the Mower. To release the Brake, simply squeeze and release the Lever.
6. **Fuel Tank** - Located at the top rear of the Mower behind the Engine. **Use unleaded fuel only.**
7. **Oil Fill/Dipstick** - Located on the right side of the Engine.
8. **Throttle/Choke Control Handle** - Located on the Control Panel. Move the Throttle/Choke Control Handle forward to the CHOKE position to start a cold Engine (to the RUN position if the Engine is warm). After the Engine has started, move the Lever to the RUN position to operate the Mower. Move the Throttle/Choke Control Lever to the IDLE position and turn OFF the Key to shut the Engine OFF.
9. **Shift Lever** - This Lever selects up to four-speeds Forward and a single-speed Reverse.
10. **Fuel Shut-Off Valve** - Located on the bottom right of the Fuel Tank and accessed from the rear. The Valve is OPEN with the Lever in the vertical position and CLOSED with the Lever in the horizontal position.
11. **Discharge Deflector** - Located on the right side of the Mower Deck. This is a spring loaded Deflector and must ALWAYS be in place during operation.
12. **Cutting Height Adjustment Lever** - Located on the right side of the Mower Deck. You can adjust the cutting height of the Mower Deck in 1/2" increments by repositioning this Lever.
13. **Belt Access Cover** - This is an access cover to the Blades Drive Belt.
14. **Retaining Knob** - This is the Belt Cover Retaining Knob; loosen to remove the Cover.

Unpacking the Mower

Tools & Supplies Needed:

- Eye Protection
- Side Cutters & Box Cutter
- Hammer
- Gloves

CAUTION!

- **THE BANDING IS UNDER TENSION AND MAY SNAP AND CUT YOU. ALWAYS STAND TO ONE SIDE WHEN CUTTING THE BAND.**
- **WEAR GLOVES AT ALL TIMES. BE VERY CAREFUL OF THE STAPLES. ALSO, BE VERY CAREFUL WHEN HANDLING THE DECK. THE BLADES ARE VERY SHARP, AND MAY SPIN AS YOU MANEUVER THE DECK.**

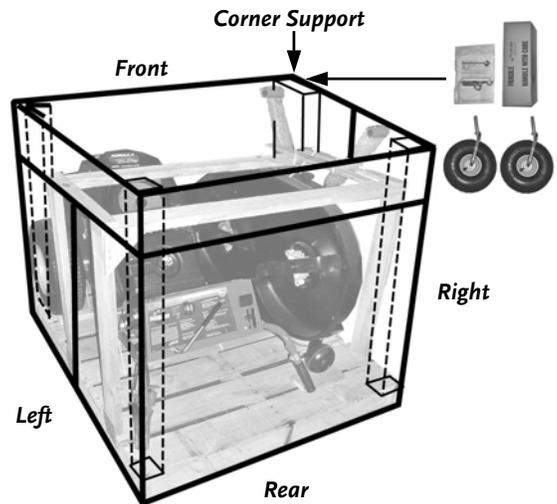


Figure 2a

1. Stand to one side, cut the carton banding, and remove the top of the carton.
2. Remove the Small Parts/Product Package, Caster Wheels, and Mulching Kit from the Right Front Corner Support (**Figure 2a**).
3. Pry open the Left Seam and pull the Panels outward as shown (**Figure 2b**). Repeat for the Right Seam and pull the Sides down.
4. Cut the Ties holding the Lawn Deck to the Pallet and Wood Supports (**Figure 2c**) and remove the two (2) Wood Cross Pieces that retain the Lawn Deck Caster Arms.
5. Cut the Right Cardboard Connectors at the base of the Wood Supports (**Figure 2c**) and tip the Supports up and over to the Left side of the Pallet.
6. Cut the Left Cardboard Connectors and remove the Supports from the Pallet.
7. Carefully move the Lawn Deck off the Pallet and rest it on the Rear Casters. Move behind the Deck and, using the Caster Arms, roll the Deck away (**Figure 2d**).
8. Cut the Ties holding the Machine to the Pallet, move the Shift Lever to Neutral, release the Parking Brake (**Figure 1** on page 11) and roll the Machine off the Pallet. Do not discard the Cardboard and Pallet until you are fully satisfied with your new DR WIDE-CUT LAWN MOWER.

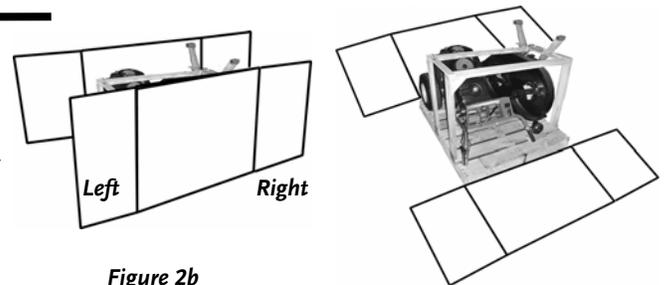


Figure 2b

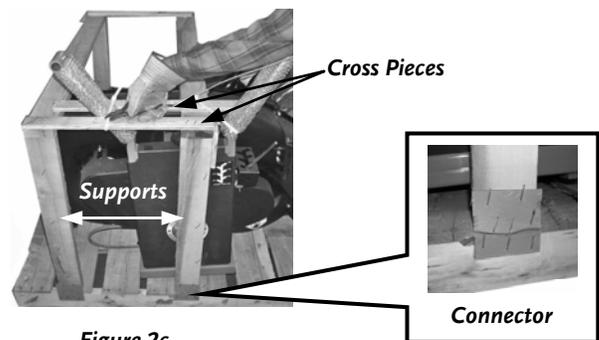


Figure 2c



Figure 2d



Figure 3

Assembling the Lawn Mower Deck

Tools Needed:

- Pliers
- Soft Head Mallet or Hammer

Mounting the Caster Wheels

To mount the Caster Wheels on the Front Arms of the Deck Frame as shown in **Figure 3**:

1. Insert two (2) black Castor Wheel Spindle Bushings (one on top and one on the bottom) into a Front Arm of the Lawn Deck Frame. You may need to tap the Bushings in with a Hammer (**Figure 4**).
2. Insert the Caster Wheel Spindle into the Bushings from the bottom. Push the Cotter Pin into the Hole in the Spindle as far as it will go (**Figure 5**).
3. Hold the Tire with one hand to keep the Axle from turning while bending the legs of the Cotter Pin with Pliers. Bend the long leg first, then the shorter leg (**Figure 5**).
4. Repeat the previous steps for the remaining Caster Wheel.

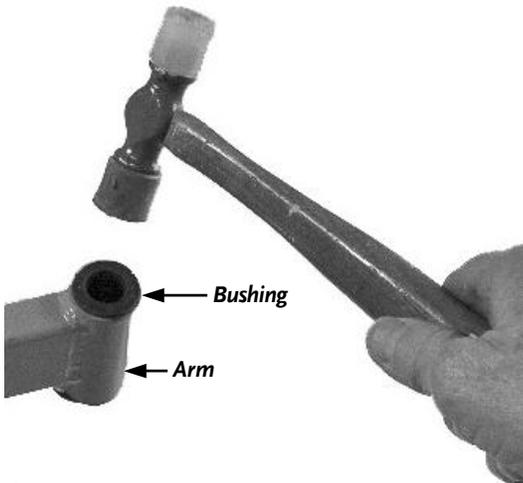


Figure 4

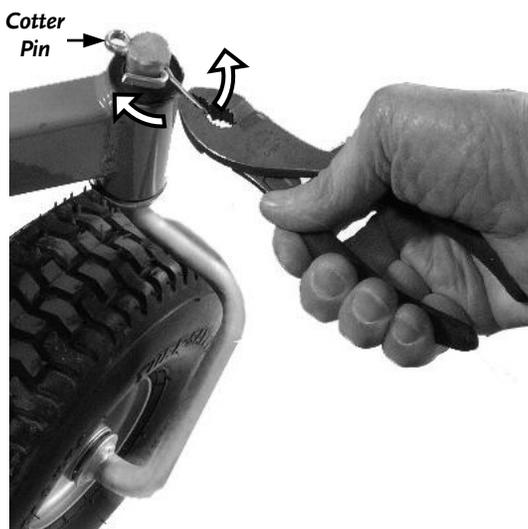


Figure 5

! CAUTION!

IF YOU REMOVE THE COTTER PINS, REPLACE THEM WITH NEW ONES 1/4" IN DIAMETER AND 1-1/2" LONG. REPEATED STRAIGHTENING AND BENDING WILL BREAK THE COTTER PINS AT THE BEND, AND MAY CAUSE THE CASTER WHEELS TO COME OFF DURING OPERATION CAUSING SEVERE DAMAGE OR POSSIBLE INJURY.

Installing the Lawn Deck

! WARNING!

BEFORE INSTALLING THE LAWN DECK, BE SURE TO DISCONNECT THE SPARK PLUG WIRE.

Your Lawn Deck shipped with the Belt in place on the two Blade Drive Pulleys. However, occasionally the Belt comes off during shipping. If this occurs, remove the two smaller Belt Covers with a 7/16" Wrench or Socket and place the Belt back on the Pulleys as shown in **Figure 7**. See **To Replace the Deck Belt** on page 30.

1. Remove the black rectangular Belt Cover. Remove the two smaller black Covers if necessary.
2. With the help of another person to steady the machine, line up the Lawn Deck with the Attachment Pin and slide the Lawn Deck onto the Pin (**Figure 6**).
3. Attach the Collar and insert the Retaining Pin (**Figure 6**).
4. Mount the Belt on the Engine Pulley. If necessary, place the Belt around the other Pulleys as shown in **Figure 7** except for the Pulley attached to the Belt Release Lever.
5. Push the Belt Release Lever and set the outside of the Belt against the flat Idler Pulley on the Release Lever (**Figure 7**).

Tip: Some people push the Lever with their foot.

6. Replace the Belt Covers.

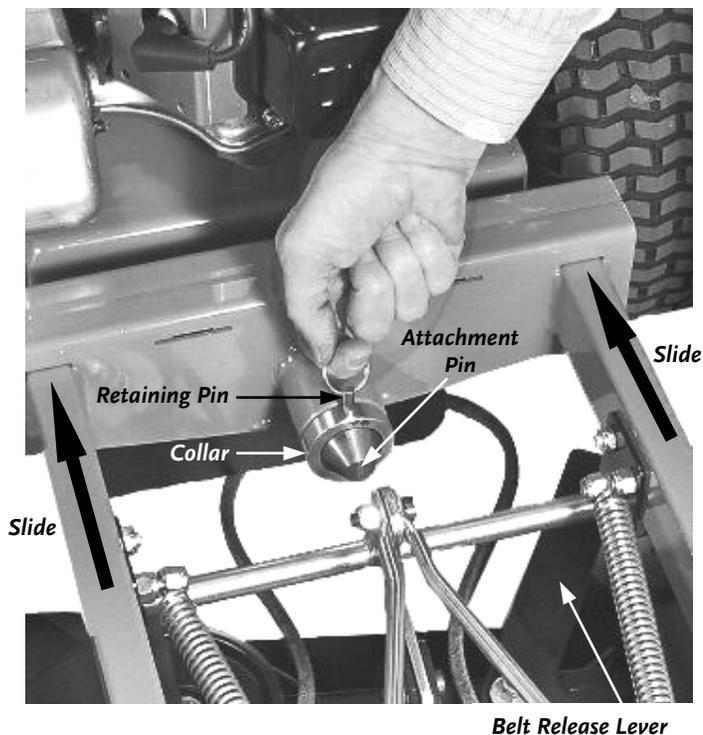


Figure 6

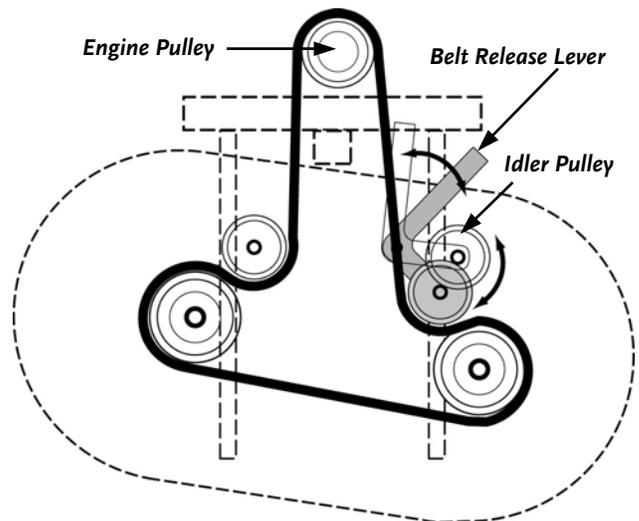


Figure 7

Connecting the Battery Wire

We ship all Electric-Starting Mowers with the negative terminal Battery wire disconnected. This prevents the Battery from discharging during shipment. Before using your Mower, you must connect the Battery wire.

Tools Needed:

- Phillips Screwdriver and a 5/16" Wrench or Socket
- or
- Two (2) 5/16" Wrenches or Sockets

Connect the Green Ground Wire to the Negative Terminal on the Battery (**Figure 8**).

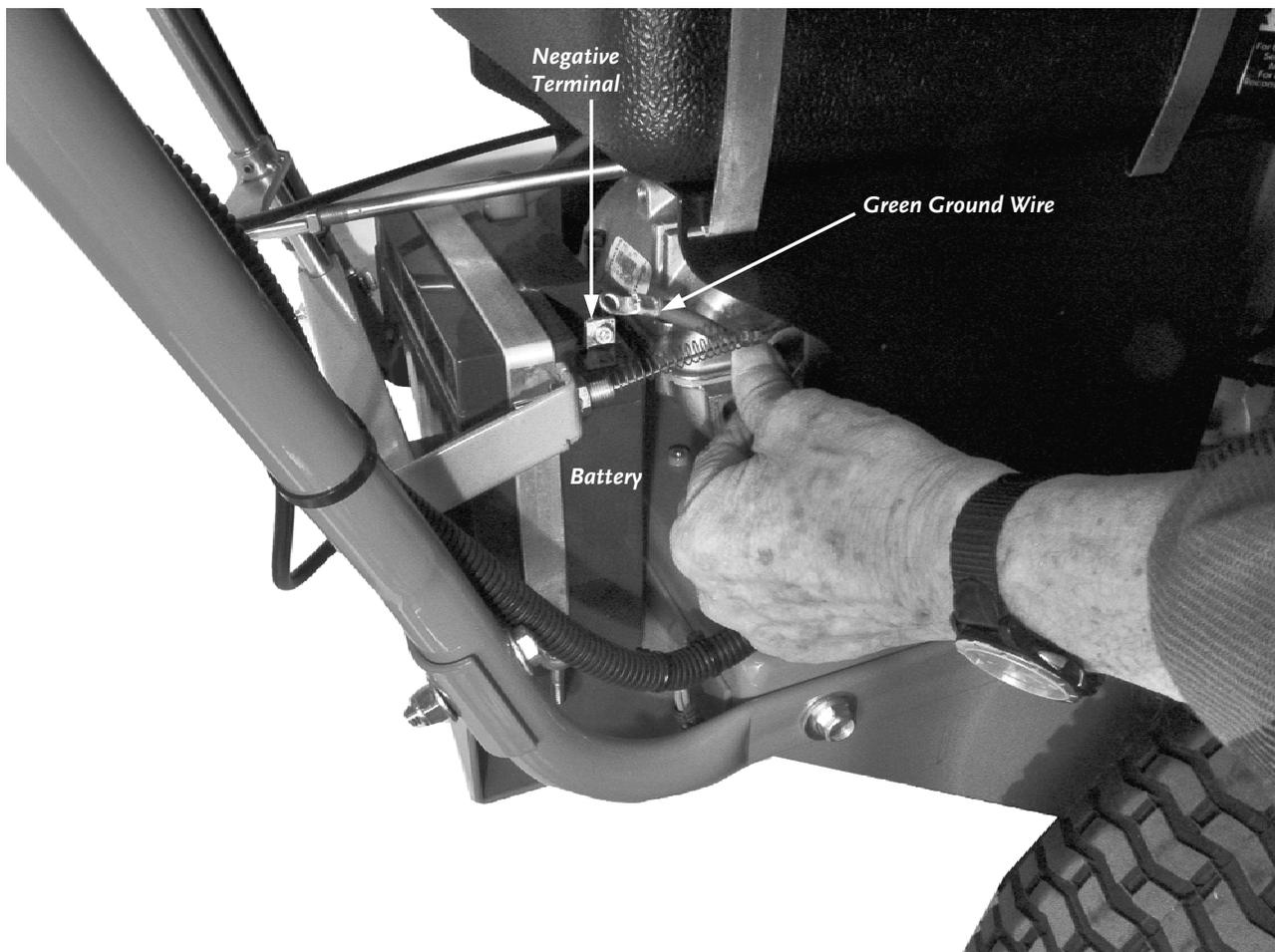


Figure 8

Adding Oil and Gasoline

NOTICE!

- YOU MUST ADD OIL BEFORE STARTING THE ENGINE. THIS MACHINE SHIPPED WITHOUT OIL. TRACES OF OIL MAY BE IN THE RESERVOIR FROM FACTORY TESTING, BUT YOU MUST ADD OIL BEFORE STARTING THE ENGINE. FILL THE RESERVOIR SLOWLY CHECKING THE DIPSTICK FREQUENTLY TO AVOID OVERFILLING.
- 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 TECUMSEH ENGINES.

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.

NOTE: 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.

Approximate Engine Oil Required	
Tecumseh 12.5 HP	32 oz. (.946 L)

1. Place the machine on a level surface and initially add 1/2 of the SAE 30 high detergent oil recommended by the Engine manufacturer into the Oil Fill (**Figure 1** on page 11) and wait one minute for the oil to settle.
2. Check the Dipstick and continue adding a few ounces of oil at a time, rechecking the Dipstick until the oil reaches the fill mark. Be careful not to overfill.
3. Fill the Fuel Tank to not more than 1/4" from the bottom of the Fill Neck with fresh, unleaded gas. The Fuel Tank contains 2-1/2 gallons. See the Engine Owner's Manual for more information.
4. **Open the Fuel Shut-Off Valve**, which is located on the bottom of the Fuel Tank and accessed from the rear (**Figure 1** on page 11).

Check the Tire Pressures

The maximum Tire pressure is marked on the side of each Tire. Do not exceed the manufacturer's recommended maximum pressure.

OPERATING YOUR DR WIDE-CUT LAWN MOWER

This chapter covers the procedures for starting and stopping your new DR WIDE-CUT LAWN MOWER and discusses basic operation features. You may find it helpful to review the DR WIDE-CUT LAWN MOWER Controls and Features in **Figure 1** on page 11 before reading this chapter.

The Pre-Start Safety Check

Your DR WIDE-CUT LAWN MOWER is fitted with an Operator Presence System to prevent the Blades from cutting without an operator in the proper position at the controls. In addition, normal wear and tear can bring about the need for adjustment to some running parts to insure that they function properly in terms of safe operation.

For your protection, it is imperative that you perform these test procedures before each use of the machine to verify that the safety equipment is in good order and that no part adjustments are needed for safe operation.

Test your Operator Presence Control System:

1. Stand in the Operating Position behind the Handlebars, start your machine (see page 20), and engage the Blades (see page 21).
2. Remain behind the Handlebars and release both hands from the controls.
3. THE ENGINE SHOULD SHUT OFF IMMEDIATELY. If the Engine does not stop, your Operator Presence Control System may be damaged or disabled.

WARNING!

TURN OFF YOUR MACHINE BY USING THE IGNITION KEY AND STOP USING YOUR MACHINE IMMEDIATELY!

Inspect the system for the following:

- Intentional disabling of the system through part modification or temporary measures used to override the system.
- Loose electrical connections.
- Broken parts.

After inspection, repeat this test. If your system still does not operate properly, REMOVE THE KEY FROM THE IGNITION SWITCH TO PREVENT OTHERS FROM OPERATING THE EQUIPMENT.

Visit our website at www.DRPower.com or call our Technical Support Representatives Toll Free: **1(800) DR-OWNER (376-9637)** for assistance.

Checking the Wheel Clutch engagement:

1. Start your machine in the normal manner.
2. With the Operator Presence Lever depressed, shift into Low Gear.
3. Increase the Engine RPM but do not squeeze the Wheel Clutch Lever. The machine should not move when you are NOT squeezing the Wheel Clutch Lever.

CAUTION!

IF YOUR MACHINE “CREEPS” DURING THIS TEST, YOUR WHEEL CLUTCH CABLE NEEDS ADJUSTMENT. CONSULT CHAPTER 5, PAGE 35 OF THIS SAFETY AND OPERATING INSTRUCTIONS MANUAL, AND MAKE ALL NECESSARY CORRECTIONS BEFORE USING.

Before Starting the Engine

1. Check the oil level every time you use the machine.
2. Check the gas level.
3. **Open the Fuel Shut-Off Valve**, which is located on the bottom of the Fuel Tank and accessed from the rear (*Figure 1* on page 11).

Starting

1. Move the Shift Lever to N (Neutral). See Mower picture, *Figure 1* on page 11.

NOTE: The *Shift Lever* **MUST** be in NEUTRAL and the *Blade Engage Knob* pushed DOWN, or the Engine will not start.

2. Move the Throttle (*Figure 1* on page 11) to the CHOKE position (to the RUN position if the Engine is already warm).
3. Turn the Key (*Figure 1* on page 11) to the START position until the Engine starts, then release. The Key will snap back to the RUN position and the Engine will continue to run.
4. Move the Throttle to the RUN position.

Engaging the Wheel Drive

The DR WIDE-CUT LAWN MOWER has a four-speed Forward and a single-speed Reverse Transmission. Forward speeds range from 1.1 mph in 1st Gear to 4.5 mph in 4th Gear. Use the lower gears for mowing in thick grass and the higher gears for lighter grass, or as "travel gears." Reverse is ideal for maneuvering in tight spots.

NOTE: Always release the Wheel Clutch Lever (*Figure 9* on page 21) when shifting gears.

1. Move the Shift Lever to the desired gear.
2. Disengage the Parking Brake.
3. Gently squeeze the Wheel Clutch Lever to engage the Wheel Drive.
4. Release the Wheel Clutch Lever if you need to slow down or stop.

Engaging the Blades

1. Squeeze the Operator Presence Lever against the Handlebar Grip (**Figure 9**).
2. Engage the Blades by pulling UP on the Blade Engage Knob (**Figure 10**).

NOTE: If you pull UP on the Blade Engage Knob before holding down the Operator Presence Lever, the Engine will shut off.

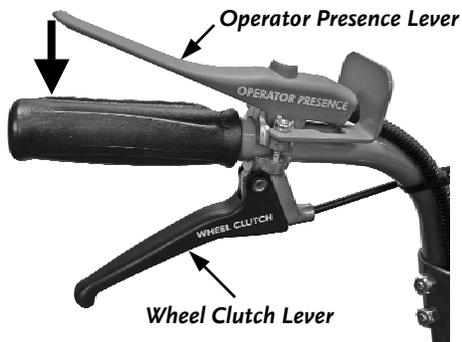


Figure 9



Figure 10

! CAUTION!

ALWAYS DISENGAGE THE BLADES OF THE DR WIDE-CUT LAWN MOWER BEFORE SHIFTING INTO REVERSE.

Stopping the Blades

Stop the Blades by pushing DOWN on the Blade Engage/Disengage Switch Knob (**Figure 10**).

NOTE: If you release the Operator Presence Lever with the Blades engaged, the Engine will shut off.

Stopping the Engine

1. Disengage the Blades by pushing DOWN on the Blade Engage/Disengage Switch Knob (**Figure 10**).
2. Set the Parking Brake by squeezing the Lever and lifting up on the Lock pin.
3. Move the Shift Lever to the N (Neutral) position.
4. Move the Throttle Control to the IDLE position.
5. Turn the Key to the OFF position and remove it for safety.

NOTE: Also close the Fuel Shut-Off Valve when transporting or storing the Mower.

Adjusting the Cutting Height

! WARNING!

ALWAYS DISENGAGE THE BLADES OF THE DR WIDE-CUT LAWN MOWER BEFORE ADJUSTING THE CUTTING HEIGHT.

You can adjust the cutting height in 1/2" increments by repositioning the Cutting Height Adjustment Lever on the right side of the Lawn Deck (**Figure 11**). Your DR WIDE-CUT LAWN MOWER is fitted with a Clevis Pin to prevent accidental dislodging of the Cutting Height Adjustment Lever over rough terrain. To change height settings, remove the Clevis Pin and re-position the Cutting Height Adjustment Lever to the desired cutting height (**Figure 11**). After adjusting to a new height, re-insert the Clevis Pin on the appropriate side of the Adjustment Lever in the new position (**Figure 11**).

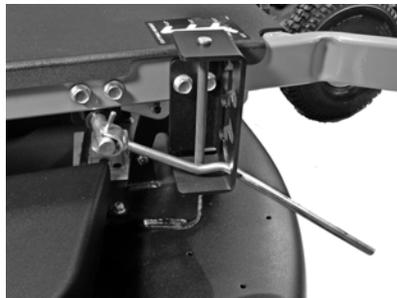
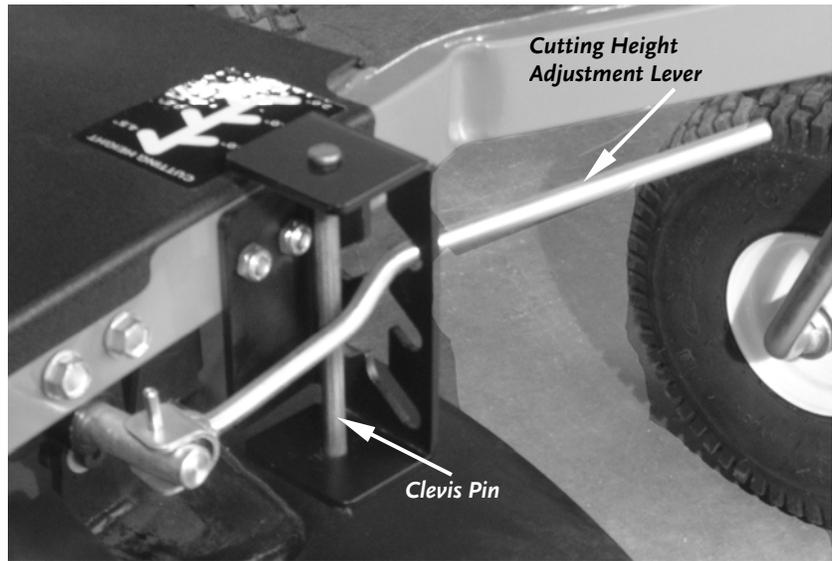
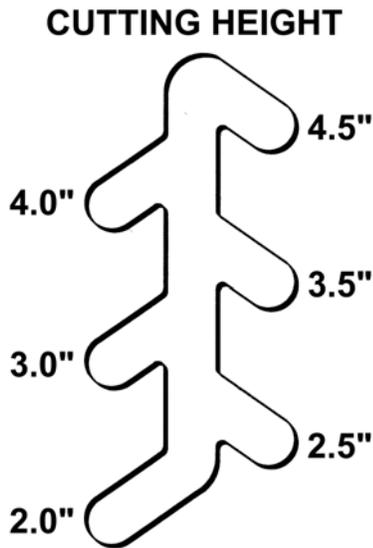


Figure 11

Obstacle Tips

Dealing with obstacles in the terrain is easy with your new DR WIDE-CUT LAWN MOWER. The following section explains how to approach most common obstacles.

WARNING!

THE MOWER ENGINE'S POWER CAN EASILY THROW STONES, STICKS, AND OTHER DEBRIS AT GREAT VELOCITY, WHICH COULD CAUSE PERSONAL INJURY OR PROPERTY DAMAGE. DO NOT RUN THE MACHINE OVER GRAVEL DRIVEWAYS OR OVER LOOSE STONES OR MULCH WITH THE MOWER BLADES SPINNING.

- Always check your work area before mowing and remove any debris that might tangle or damage the machine.
- If you do run into debris and the Mower becomes tangled, turn off the Engine and disconnect the Spark Plug wire before attempting to untangle the machine.

Slopes

WARNING!

- **WHEN OPERATING THE DR WIDE-CUT LAWN MOWER OVER UNEVEN TERRAIN OR SLOPES, USE EXTREME CAUTION NOT TO TIP OVER THE MACHINE.**
 - **DO NOT USE THE DR WIDE-CUT LAWN MOWER ON SLOPES GREATER THAN 20 DEGREES. DOING SO COULD RESULT IN SERIOUS INJURY OR DAMAGE TO YOUR MACHINE.**
-

- If you have to mow on sloping terrain, mow across the slope, not up and down, for better control.
- To avoid “free-wheeling”, shift into a lower gear before going down a slope. Do not shift while on a slope. Be ready to use the Brake, if necessary.
- Note that the Mowing Deck pivots from side to side, which helps avoid scalping, and keeps the weight balanced over the drive wheels when operating on uneven terrain.

If the machine gets hung up

- Disengage the Blades. Do not try to free the machine from debris with the Blades engaged.
- Try putting the machine in reverse and backing away from the obstacle.
- Try pushing down on the Handlebars to lift the Lawn Deck over the obstacle.

WARNING!

- **IF YOU NEED TO LEAVE THE OPERATING POSITION TO CLEAR DEBRIS FROM THE DECK, FIRST PUT THE MACHINE IN "N" (NEUTRAL), TURN THE ENGINE OFF, SET THE BRAKE, AND DISCONNECT THE SPARK PLUG WIRE.**
 - **DO NOT TOUCH THE EXHAUST AREAS WHEN REACHING FOR THE SPARK PLUG—THEY ARE VERY HOT.**
-

Turns

Use a lower, slower speed when turning. This will give you better control and a cleaner cut.

Reverse

- Be very careful of your footing when operating the machine in reverse. Know what's behind you and take your time.
- Disengage the Blades before shifting into reverse. Mow in the Forward gears only, using Reverse for maneuvering.
- If you find it difficult to shift into Reverse, lightly "feather" the Clutch Lever as you put the Shift Lever into Reverse, then quickly release the Clutch Lever.

Cutting in Wet and Heavy Growth

- If you must mow in wet conditions, be very careful of your footing. Avoid slopes and other slippery areas.
- To achieve the best cut, mow when the grass is dry. If you have to mow when the grass is wet, use a lower, slower speed.
- We do not recommend using the Mulching Plate in wet and heavy grass.

NOTICE!

DR POWER EQUIPMENT RECOMMENDS THAT YOU NOT MOW IN WET CONDITIONS, AS DOING SO WILL ONLY PLUG UP THE MOWER DECK WITH CUT VEGETATION. WET GRASS WILL ALSO MAT DOWN RESULTING IN A POORER CUT.

CHAPTER 5

MAINTAINING THE DR WIDE-CUT LAWN MOWER

This chapter covers regular maintenance procedures that will ensure the best performance and long life of your machine. For Engine maintenance, please refer to the Engine Owner's Manual that came with your Mower. Service intervals listed in the checklist below supercede those listed in the Engine Owner's Manual. Maintenance Kits and accessories are available through our website at www.DRPower.com.

WARNING!

SOME OF THE FOLLOWING PROCEDURES REQUIRE ACCESS TO THE UNDERSIDE OF THE MACHINE. IF YOU NEED TO TIP THE MACHINE BACK OR ON ITS SIDE (WITH THE DISCHARGE CHUTE FACING UP), YOU MUST FIRST DISCONNECT THE SPARK PLUG WIRE, DRAIN THE OIL AND GAS, AND REMOVE THE AIR FILTERS.

Regular Maintenance Check List

NOTE: Consider that the service intervals shown are the maximum under normal operating conditions. Increase frequencies under extremely dirty or dusty conditions.

Procedure	Before Each Use	Every 25 Hours	Every 100 Hours
Check Operator Presence Switch	▲		
Check Engine Oil Level	▲		
Check General Equipment Condition	▲		
Check Blades for Sharpness	▲		
Lubricate Grease Fittings		▲	
Lubricate Clutch and Brake Cables*		▲	
Lubricate Drive Chain		▲	
Check Tire Pressures		▲	
Change Engine Oil	1 st time 5 hours	▲	
Check Parking Brake Adjustment		▲	
Clean Engine Exterior and Cooling Fins		▲	
Check All Belt Tensions and Condition		▲	
Check the Battery charge		▲	
Check cable connections		▲	
Replace Air Filter		▲	
Replace Spark Plug			▲

* SAE 30 oil. NEVER use penetrating oil.

Battery Care

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

- Do not allow the Battery charge to get too low. If the machine is not used, charge the Battery every 4 – 6 weeks. Operate the Engine for at least 45 minutes to maintain proper Battery charge.
- Store an unused Battery in a dry area that does not freeze.
- Do not charge an already charged Battery. In theory, you cannot overcharge our Battery 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 the Engine when the Battery charge is low.

Charging the Battery

Operate the Mower Engine 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 Battery Charger) to recharge it. The Charger should have an output of 12 volts at no more than 2 amps.

- At 1 amp, you may have to charge the Battery for as long as 48 hours.
- At 2 amps, you may have to charge the Battery for as long as 24 hours.

To connect a Battery Charger to your DR WIDE-CUT LAWN MOWER, follow the steps listed below.

1. Detach the two (2) Battery wires going to the Battery on your DR WIDE-CUT LAWN MOWER.
2. Attach the black (-) Battery Charger wire to the Battery negative (-) terminal, and attach the red (+) Battery Charger wire to the Battery positive (+) terminal.
3. Plug the Battery Charger into an outlet.

NOTICE!

WHEN YOU ARE FINISHED CHARGING THE BATTERY, DISCONNECT THE CHARGER FROM THE OUTLET FIRST, THEN DISCONNECT THE BATTERY CHARGER WIRES FROM THE BATTERY. IF YOU LEAVE THE BATTERY CHARGER WIRES CONNECTED TO THE BATTERY, THE BATTERY WILL DISCHARGE ITSELF BACK INTO THE CHARGER.

Disposing of the Battery Responsibly

The Battery is a sealed lead-acid Battery. Recycle or dispose of it in an environmentally sound way.

- Do not dispose of a lead-acid Battery in a fire; the Battery may explode or leak.
- Do not dispose of a lead-acid Battery in your regular, household trash. Law in most areas prohibits incinerating, disposing in a landfill, or mixing a sealed lead-acid Battery with household trash.

Recycling a Used Battery



NOTICE!

PLEASE DISPOSE OF USED BATTERIES RESPONSIBLY, ACCORDING TO YOUR LOCAL HAZARDOUS MATERIALS REGULATIONS. NEVER THROW AWAY USED BATTERIES IN YOUR HOUSEHOLD TRASH.

Please dispose of your used Batteries responsibly by recycling them. Call your local Solid Waste Management District or your local waste handler to locate the collection site nearest you. Some collection sites recycle Batteries year-round; others collect them periodically.

You can also visit the Web site of Earth 911 for more information [www.earth911.org]. Once there, click the Municipal HHW link under Hazardous Household Waste, and enter your zip code. The site lists recycling centers located near you.

For a fee, you can recycle your Batteries with the International Metals Reclamation Company. Visit them at www.inmetco.com and click Services; or contact them at:

INMETCO
PO Box 720
245 Portersville Road
Ellwood City, PA 16117
(724) 758-2825; fax (724) 758-2845

To learn more about hazardous waste recycling, visit the Web site for Battery Council International [www.batterycouncil.org] or for the Environmental Protection Agency [www.epa.gov].

Lubrication

Your DR WIDE-CUT LAWN MOWER was greased at the Factory. The operator needs to periodically lubricate the Wheel Clutch Cable, Brake Cable, Drive Chain, Deck Caster Wheels, and Deck Caster Wheel Spindles.

Tools & Supplies Needed:

- Grease Gun w/General Purpose Grease
- 1/2" Wrench or Socket (Chain Cover)
- SAE 30 oil

! WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

Lubricate the Parking Brake cable and the Wheel Drive Clutch cable with SAE 30 oil. Apply the lubricant into the cable housing while working the cable back and forth a few times. Do this at both ends of the cables (*Figure 12*). Perform this lubrication more often in dry and dusty environments.

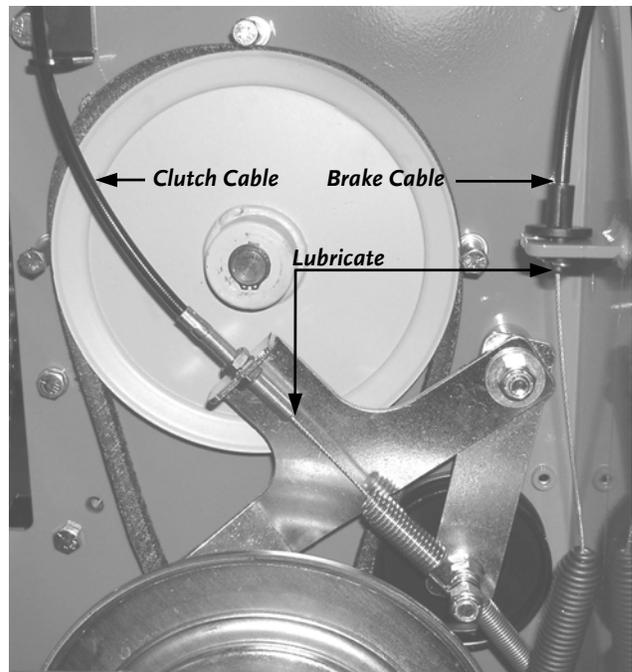
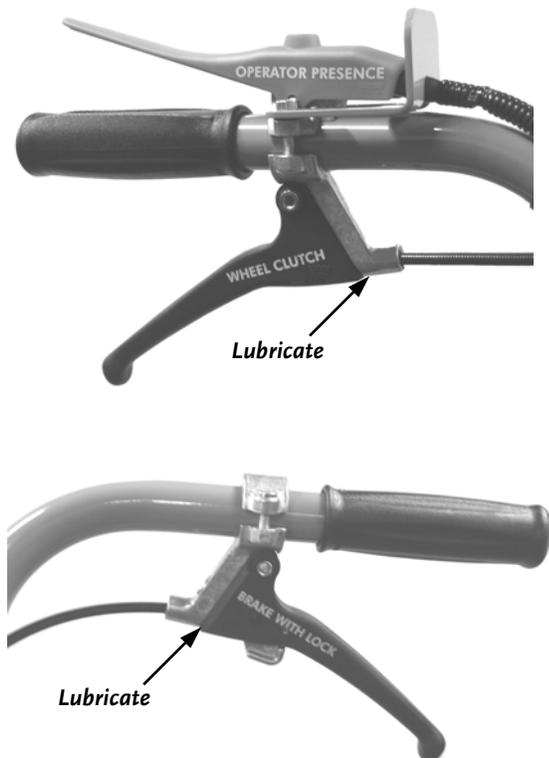


Figure 12

Lubricate the Drive Chain with SAE 30 oil every 25 operating hours—more often if you operate the machine in extremely dusty or wet conditions. Remove the Chain Cover, lubricate the Chain, and replace the Cover (**Figures 13 and 14**).

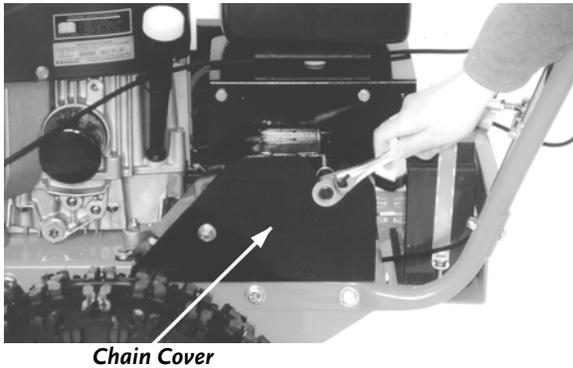


Figure 13

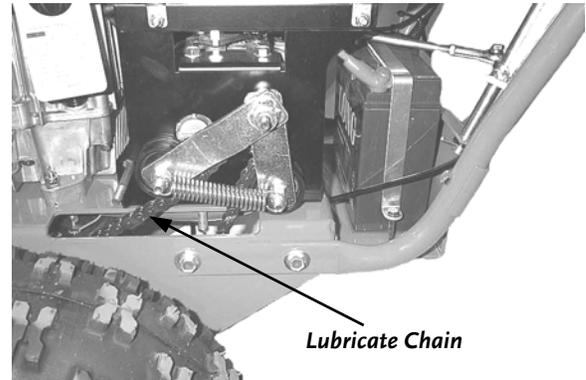


Figure 14

NOTE: When using the grease gun in the next steps, pump only until you feel slight resistance (1-2 pumps should do it).

1. Grease the Fitting on each of the front Caster Wheels (**Figure 15**).
2. Grease the Left and Right Fitting on the Lawn Deck Frame where the Wheel Castor Spindle swivels (**Figure 16**).

NOTE 1: Perform this lubrication more often in dry and dusty environments.

NOTE 2: This would also be a good time to check the air pressure in the Caster Wheel Tires (**Figure 15**). The maximum Tire pressure is marked on the side of each Tire. Do not exceed the manufacturer's recommended maximum pressure.

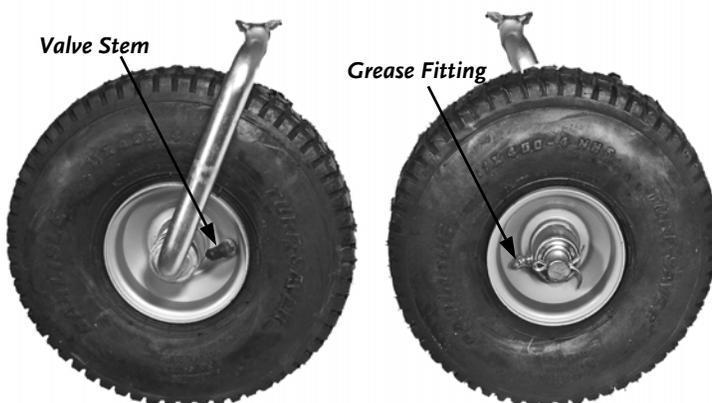


Figure 15

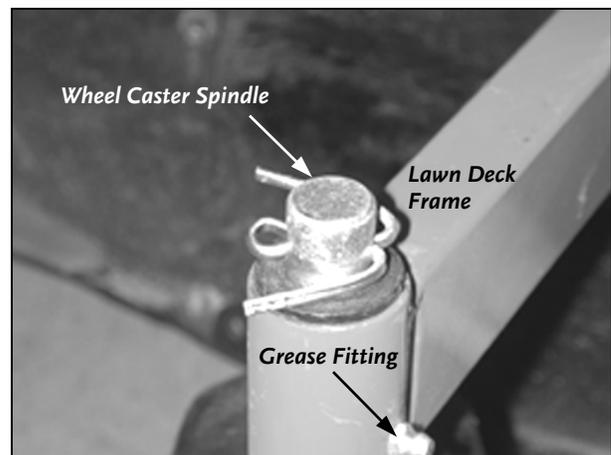


Figure 16

Removing and Replacing the Belts

! WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

! NOTICE!

USE ONLY DR BELTS ON YOUR MACHINE. THEY HAVE BEEN THOROUGHLY TESTED AND PROVEN FOR MANY HOURS OF USE.

To Replace the Deck Belt

Tools Needed:

- 7/16" Wrench and/or Socket
- 1/2" Wrench and/or Socket

1. Loosen the Belt Cover Retaining Knob and remove the rectangular Belt Cover (**Figure 1** on page 12).
2. Using a 7/16" Wrench and/or Socket, remove the two (2) smaller Left and Right black Belt Covers (**Figure 17**).
3. Push the Belt Release Lever (**Figure 18**) and remove the Belt from the Deck Pulleys and the Engine Pulley. Check to be sure that the Deck Pulleys are tight; replace them if worn.
4. Using a 1/2" Wrench and/or Socket, only loosen the upper Hanger Bolt and then loosen and remove the lower Hanger Bolt on the rear Hanger Plates (**Figure 18**). Swing the Hanger Plates out of the way so the Belt clears and then remove the Belt.
5. To mount the new Belt, follow the above procedure in reverse. See **Figure 7** on page 15 for the correct Belt travel on the Pulleys. Note the proper hardware sequence in **Figure 17**.

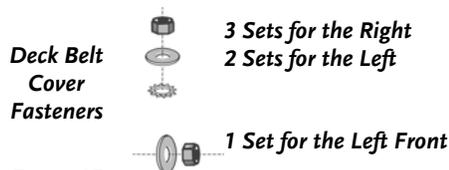


Figure 17

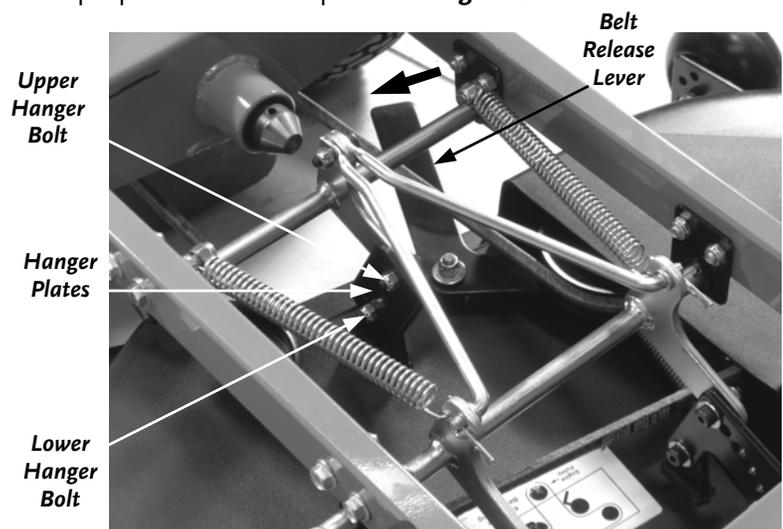


Figure 18

To Replace the Drive Belt

! WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

! NOTICE!

USE ONLY DR BELTS ON YOUR MACHINE. THEY HAVE BEEN THOROUGHLY TESTED AND PROVEN FOR MANY HOURS OF USE.

Tools Needed:

- 7/16" Socket
- (2) 1/2" Wrenches
- 9/16" Wrench
- Gloves

1. Drain the gas and oil.
2. Remove the Deck Belt following the instructions as outlined on the previous page.
3. Remove the Retaining Pin and Collar (**Figure 6** on page 15), and then pull the machine away from the Deck.
4. Loosen the Belt Retainer Bolts on the outside of the Frame (one on each side), slide the Retainer back (**Figure 19**),
5. Gently tilt the machine forward onto the Attachment Pin.
6. Remove the Bolt on the Bracket (**Figure 20**). Also, remove the Bushing on that Bolt and the Nut (Top Side of the Frame).
7. Remove the Top Spring Retainer Nut and then lift the Spring off the Bolt (**Figure 20**).
8. Using two (2) 1/2" Wrenches, remove the lower Cable Adjuster Nut and slide the Adjuster out of the Bracket removing the Cable out through the Slot in the Bracket (**Figure 20**).
9. The Bracket is now loose. Tilt it to swing it up out of the way (**Figure 21**).
10. Remove the three (3) Belt Guides (**Figure 21**) and remove the Belt.
11. To mount the new Belt, reverse the above procedure.

NOTE: Attempt to re-install the Cable Adjuster in the same location. See "Checking the Wheel Clutch Engagement" on page 20.

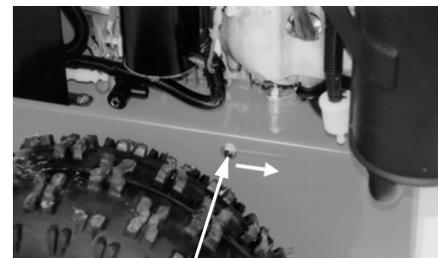


Figure 19 Loosen Bolt and Slide Back

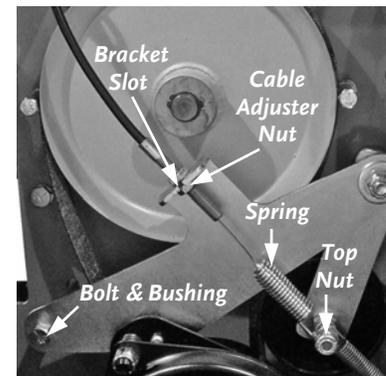


Figure 20

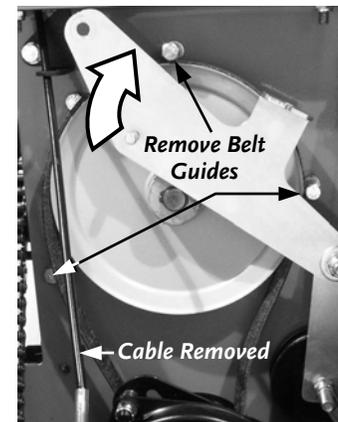


Figure 21

Removing and Replacing the Blades

Replace the Blades when worn or damaged, but do not use them for over five (5) years.

WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

Tools Needed:

- 9/16" Wrench or Socket
- Torque Wrench (optional)
- Wear gloves
- 2" x 4" Board to block the Blade

1. Block the Blade with a piece of wood between the Blade and the Mower Deck on the chute side of the Deck (*Figure 22*).
2. Loosen (right-hand, regular thread) by turning the Bolt counterclockwise and remove the Blade Bolt, Lock Washer, Blade Washer, and Blade.

WARNING!

USE CARE WHEN PUSHING OR PULLING THE WRENCH NEXT TO THE BLADE. WEAR GLOVES; IF THE WRENCH SLIPS OFF THE BOLT, YOU MAY BE SERIOUSLY INJURED.

3. Repeat Steps 1 and 2 for the other Blade.
4. Mount the new Blade, Blade Washer, Lock Washer, and Blade Bolt, in that order, and tighten securely (Torque 30-40 ft-lbs.).

NOTE: *Be sure that you have the Blade seated completely over the small step in the spindle hub before tightening the Bolt.*

5. Repeat Step 4 for the other Blade.

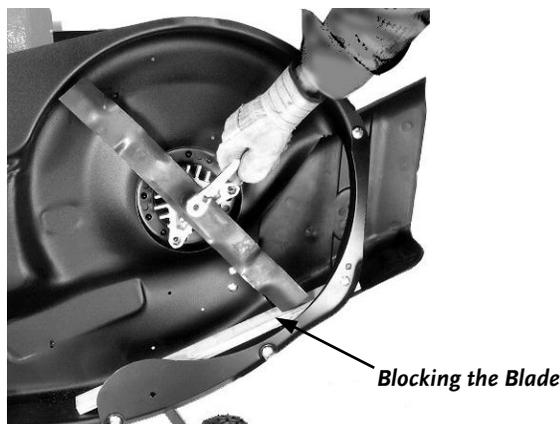


Figure 22

Leveling the Lawn Mower Deck

The DR WIDE-CUT LAWN MOWER DECK settings made at the factory are suitable for most purposes; however, you can make leveling adjustments if desired.

! WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

NOTE: All references to Left and Right are from the Operator's position.

Tools Needed:

- 1/2" Wrench or Adjustable Wrench
- 3/16" Hex Key Wrench

1. Move the machine to a level area.
2. Remove the Belt Access Cover (**Figure 1** on page 11) and locate the Adjustment Brackets (**Figure 23**).

A. Leveling the Deck Front to Rear

NOTE: Adjust the Deck so the rear is 1/4" higher than the front. This will provide the best cut.

1. Measure the distance from the ground to the Deck at the front and rear of the Deck (**Figure 24**).

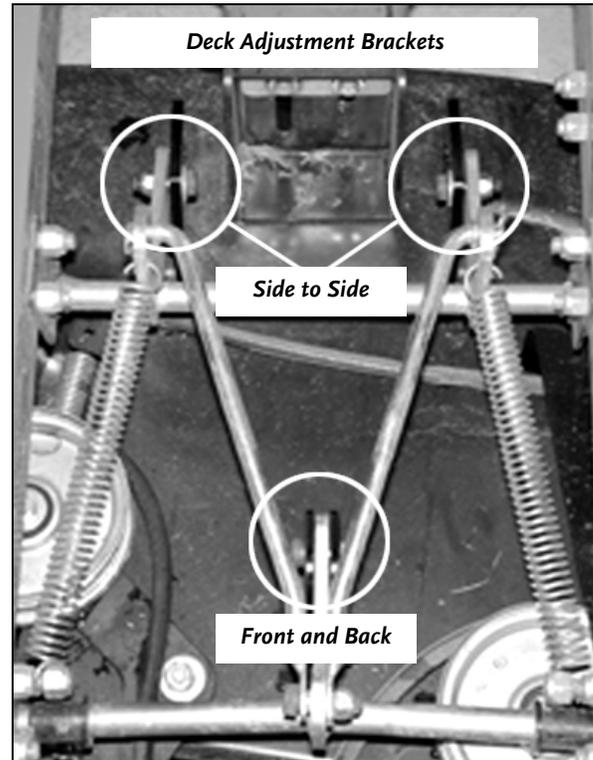


Figure 23

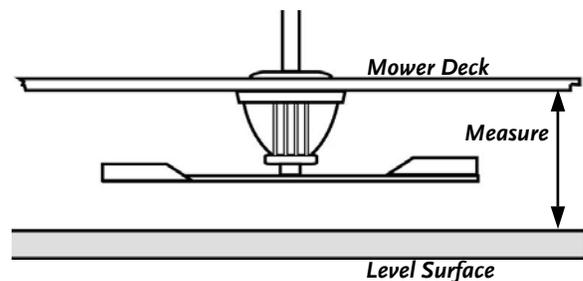


Figure 24

2. Using a 1/2" Wrench, adjust the Deck from front to rear as needed by moving the Top and/or the Bottom Bolt to a different Hole in the Rear Adjustment Bracket (**Figure 25**).
3. You can make fine adjustments with the Front Brackets by changing the Front Deck height by 1/4" for each adjacent hole.

B. Leveling the Deck Side to Side

1. Measure the distance from the ground to the Deck on the left and right sides of the Deck (**Figure 24** on page 33).
2. There is a Front Adjustment Bracket on each side of the Deck. Using a 3/16" Hex Key Wrench, adjust the Deck on each side as needed by moving the Mounting Bolt to a different Hole in the Front Bracket (**Figure 26**). Each Hole in the Front Bracket will change the Deck height on that side by 1/4".

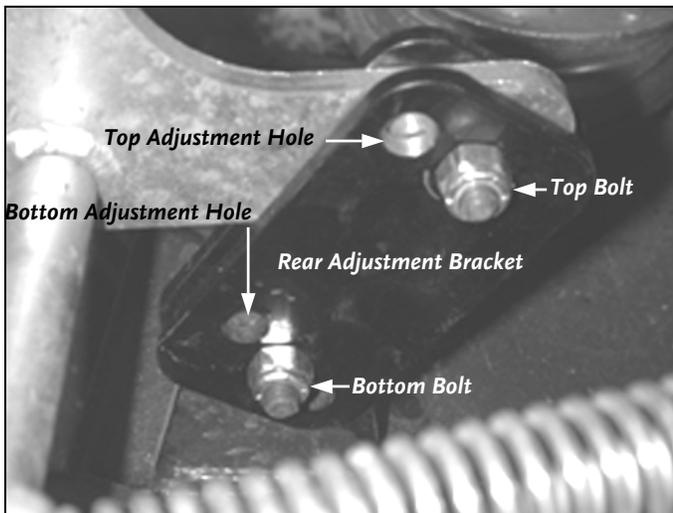


Figure 25

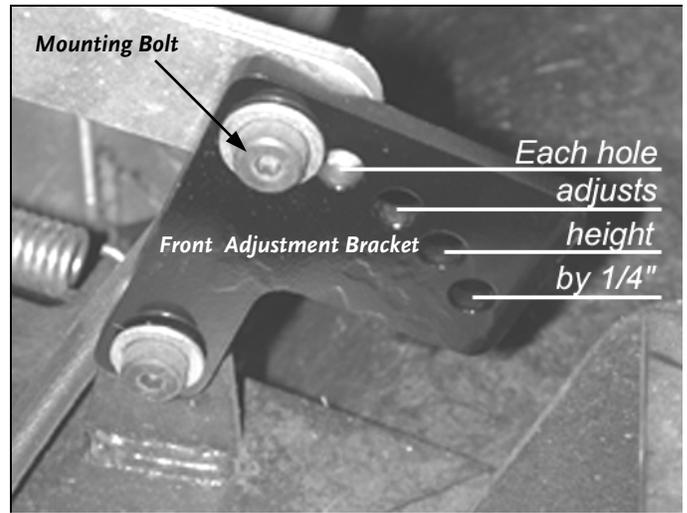


Figure 26

Adjusting the Wheel Clutch Cable

! WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

NOTE: When properly adjusted, tension on the Wheel Clutch Lever should increase when the Lever is about parallel to (almost touching) the Handlebar Grip.

Tools Needed:

- (2) 1/2" Wrenches
1. Find the Wheel Clutch Cable Adjuster on the Bracket on the underside of the machine (**Figure 27**).
 2. Loosen the Lower Nut on the Spring side of the Bracket by 1/8" to 1/4", and then tighten the Nut on the Upper side against the Bracket. Check the tension on the Wheel Clutch Lever and repeat the adjustment as needed.

! CAUTION!

IF YOU OVER TIGHTEN THE WHEEL CLUTCH CABLE, THE MACHINE MAY LURCH FORWARD WHEN SHIFTING INTO GEAR. USE CAUTION WHEN SHIFTING INTO GEAR. TEST ADJUSTMENT USING THE PROCEDURE ON PAGE 20.

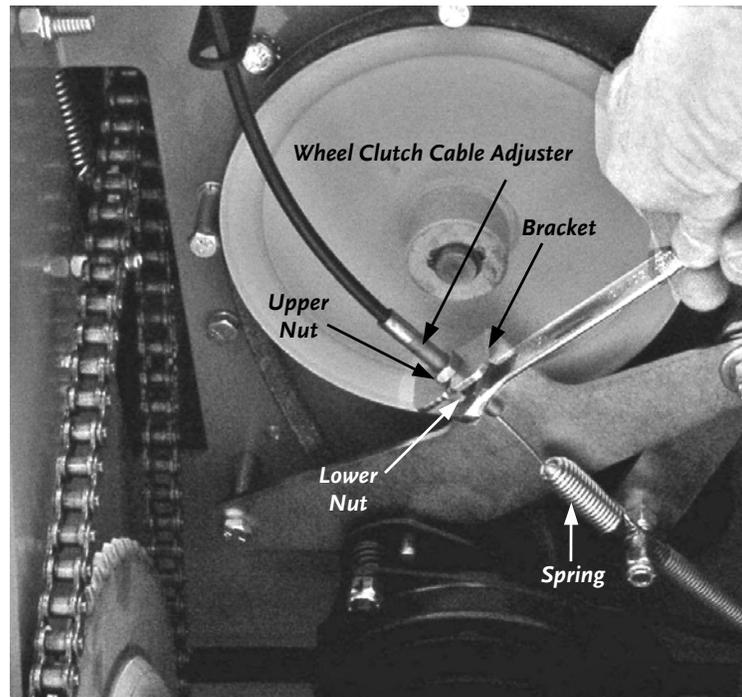


Figure 27

Removing and Replacing the Drive Chain

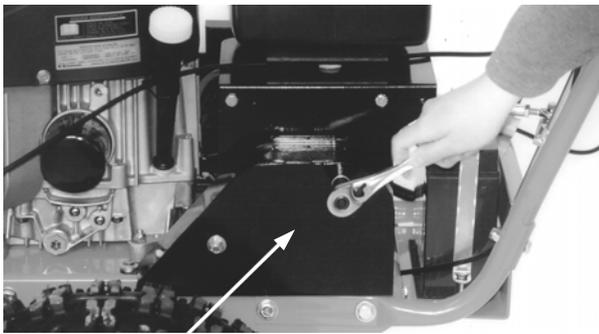


Figure 28

! WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

Tools Needed:

- 1/2" Wrench or Socket (Chain Cover)
- Flat-head screwdriver
- Needle Nose Pliers

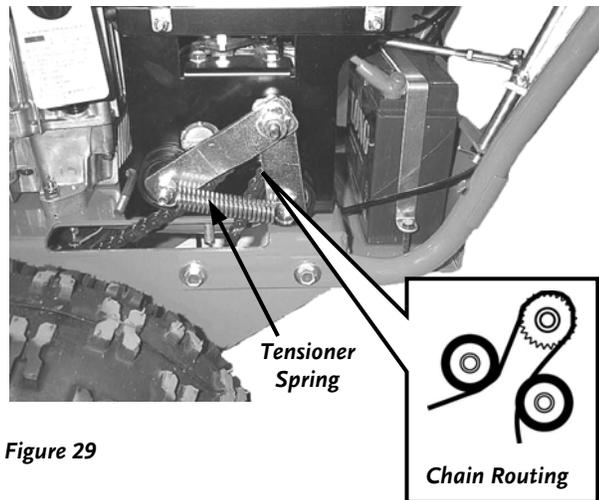


Figure 29

1. Remove the Chain Cover (**Figure 28**).
2. Remove the Tensioner Spring (**Figure 29**).
3. Remove the Master Chain Link (**Figure 30**). First, remove the Lock Clip by spreading the Clip with the Screwdriver and at the same time, slide the Lock Clip back off the Master Link pins with the Needle Nose Pliers. Next, remove the Side Plate, and then remove the Master Chain Link.
4. Slowly feed the Chain out.
5. Install and route the new Chain (**Figure 29**).
6. Add the Master Chain Link (**Figure 30**) in the reverse order of step 3.
7. Replace the Tensioner Spring (**Figure 29**).
8. Replace the Chain Cover and tighten the Lock Nuts.

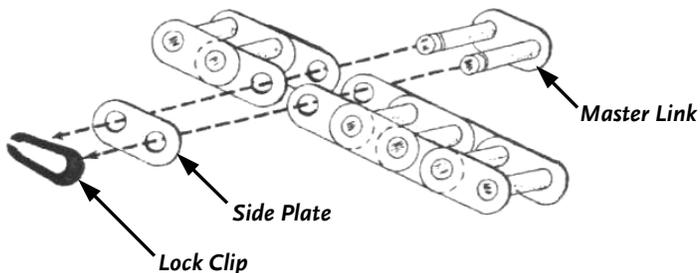


Figure 30

Removing the Wheels

! WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

Tool Needed:

- 3/4" socket with extension
1. Loosen the Wheel Nuts a couple of turns with the Wheel on the ground.
 2. Block the machine so the Wheel you are removing is off the ground.
 3. Remove the three (3) Nuts and slide the Wheel off (**Figure 31**).
 4. Replace the Wheel and finger-tighten the Wheel Nuts before unblocking the machine.
 5. Tighten the Wheel Nuts with the Wheel resting on the ground.

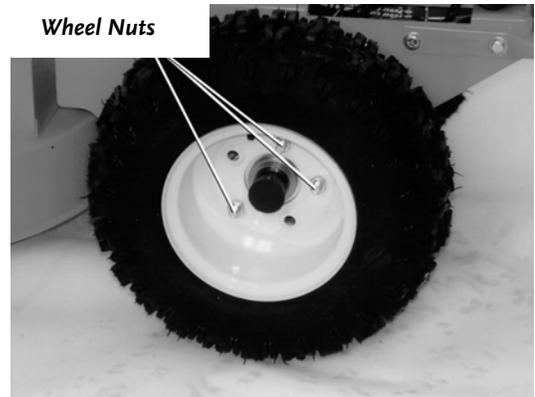


Figure 31

Adjusting the Parking Brake

! WARNING!

BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

Tool Needed:

- 1/2" Open End Wrench

To adjust the Parking Brake, tighten or loosen the Nut shown in **Figure 32**. Tightening the Nut (clockwise) will increase pressure and loosening the Nut (counterclockwise) will decrease the pressure on the Brake Pad.

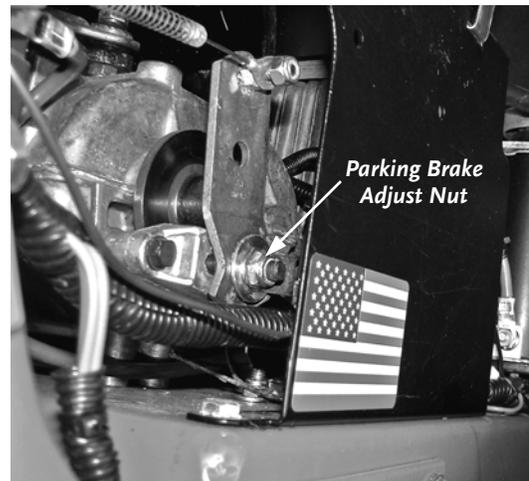


Figure 32

Transmission

The Transmission is maintenance-free.

End of Season and Storage



BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

NOTE: Please refer to the Engine Owner's Manual for Engine-specific procedures.

- Change the oil.
- Remove the Spark Plug and pour about 1 ounce of motor oil into the cylinder hole. Replace the Plug and crank the Engine for a couple of seconds using the Electric Starter. This will coat the piston and seat the valves to prevent moisture buildup.
- Clean/replace the Air Filter.
- Clean dirt and debris from the Cylinder Head Cooling Fins, Blower Housing, Debris Screen, and Muffler area of the Engine.
- Replace the Fuel Filter.
- If your DR WIDE-CUT LAWN MOWER will be idle for more than 30 days, we recommend using a gas stabilizer. This will prevent sediment from gumming up the Carburetor. If there is dirt or moisture in the gas or Tank, remove it by draining the Tank. 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 allow the additive to circulate. Close the Fuel Shut-Off Valve, if your machine is equipped with one, to prevent Carburetor overflow and leakage.
- Store the Battery in a dry area that will not freeze. If you will not use the machine over a long period, charge the Battery every four to six weeks. See page 26.
- Remove any wrapped weeds from the Blade Bearing Housings. Clean grass and debris from the top and underneath the Mower Deck with a stiff brush.
- Check the Blades for nicks and wear. Remove the Blades and sharpen, or have them professionally sharpened if needed. Never try to straighten a bent Blade. Dull or bent Blades can cause excessive vibration and wear.
- Perform the lubrication as outlined on pages 28 and 29.

TROUBLESHOOTING

Most problems are easy to fix. Consult the Troubleshooting Table for common problems and their solutions. If you continue to experience problems call Country Home Products, Inc. for support.

Troubleshooting Table



BEFORE PERFORMING ANY MAINTENANCE PROCEDURE OR INSPECTION, STOP THE ENGINE AND WAIT FIVE (5) MINUTES TO ALLOW ALL PARTS TO COOL. DISCONNECT THE SPARK PLUG WIRE, KEEPING IT AWAY FROM THE SPARK PLUG.

SYMPTOM	POSSIBLE CAUSE
<p>The Engine won't start.</p> <p><i>(Please refer to the Engine Owner's Manual for Engine-specific procedures.)</i></p>	<ul style="list-style-type: none"> ⇒ Check that the Spark Plug wire is attached ⇒ Check that the Fuel Shut-Off Valve is ON (Figure 1 on page 11). ⇒ Check the oil and gas level. See page 17. ⇒ The gas may be old, change it. Use a fuel stabilizer if you keep gas longer than one month. ⇒ The Spark Plug may be dirty or cracked, change it. If it is oily, leave it out, hold a rag over the Plug Hole and crank the Engine with the Starter several times to blow out any oil in the cylinder, then wipe off the Plug and reinsert it. ⇒ Check the Fuel Filter, it may be clogged. Replace if necessary. ⇒ The Air Filter may be dirty, change it following the procedure in the Engine Owner's Manual. ⇒ There is a fuse in the wiring harness. Check the fuse and replace if needed. ⇒ Check the wire connections—especially the ground connection, the large green wire coming from the Battery, where it connects to the Engine. ⇒ Check the wire connections to the solenoid. Disconnect the green Battery ground wire first to avoid sparks. Check to be sure that all of the connections are clean and tight. Reconnect the Battery ground wire. ⇒ Check the ground connection on the Solenoid where it bolts to the Frame. Using a wrench or socket, tighten the Bolts to ensure a good connection to the Frame. ⇒ The Battery may not be charged. Check the voltage yourself or at a service station. If it is low, charge it with a 12-volt, 1 to 2 amp trickle Charger. If you do not use your machine for at least 45 minutes at a time, the Battery may need to be periodically charged. See the Battery care section on page 26. ⇒ If the Battery is charged and the Engine still will not start, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.

! WARNING!

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SYMPTOM	POSSIBLE CAUSE
<p><i>The Engine lacks power or is not running smoothly.</i></p> <p><i>(Please refer to the Engine Owner's Manual for engine-specific procedures.)</i></p>	<ul style="list-style-type: none"> ⇒ Check the Throttle Lever travel and adjustment. Make sure the Throttle Lever is in the Run position. ⇒ Check that the Air Filter is clean. If it is dirty, change it following the procedure in the Engine Owner's Manual. ⇒ The Spark Plug may be dirty or cracked, change it. If it is oily, leave it out, hold a rag over the Plug Hole and crank the Engine with the Starter several times to blow out any oil in the cylinder, then wipe off the Plug and reinsert it. ⇒ The gas may be old, change it. Use a fuel stabilizer if you keep gas longer than one month. ⇒ Check the Fuel Filter, it may be clogged. Replace if necessary. ⇒ Check to make sure that your Engine has the right amount of clean oil. If it is dirty, change it following the procedure in the Engine Owner's Manual. ⇒ If the Engine still lacks power, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.
<p><i>The Engine smokes.</i></p>	<ul style="list-style-type: none"> ⇒ Check the oil level and adjust as needed. ⇒ You may be operating the machine on too great an incline. See Slopes on page 23. ⇒ Check the Air Filter and clean or replace if needed. ⇒ You may be using the wrong oil—too light for the temperature. Refer to your Engine Owner's Manual for detailed information. ⇒ Clean the Cooling Fins if they are dirty. ⇒ If the Engine still smokes, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.
<p><i>Engine runs fine but the machine will not move.</i></p>	<ul style="list-style-type: none"> ⇒ The Drive Belt is broken or out of adjustment. See page 31. ⇒ The Transmission may be defective, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.
<p><i>Machine is hard to get into reverse.</i></p>	<ul style="list-style-type: none"> ⇒ If you find it difficult to shift into reverse, lightly pull the Clutch Lever as you pull the Shift Lever into Reverse then quickly release the Clutch Lever. ⇒ If the difficulty persists, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.

! WARNING!

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SYMPTOM	POSSIBLE CAUSE
<i>The Deck lacks power.</i>	<ul style="list-style-type: none"> ⇒ Check the Deck Belt for wear. ⇒ Check the Blades Drive Pulleys for looseness. If you find a loose Pulley, remove the Pulley and inspect the Pulley Hub and Blade Spindle, and replace if worn, or damaged. The design of the Pulleys is to shear with severe loads or impact. ⇒ If the difficulty persists, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.
<i>A Belt frays or rolls over the Pulley.</i>	<ul style="list-style-type: none"> ⇒ A Pulley groove may have a nick in it. File off any nicks on the Pulley. ⇒ Check the Belt for wear and hard spots. ⇒ The Belt may be stretched; replace it. ⇒ If the problem persists, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.
<i>The cut material is not properly discharging out of the right side of the Deck.</i>	<ul style="list-style-type: none"> ⇒ The Discharge Chute may be blocked. Disengage the Blades, turn OFF the Engine, set the Parking Brake, disconnect the Spark Plug wire, and then check for debris.
<i>The Mower is not cutting evenly.</i>	<ul style="list-style-type: none"> ⇒ The Deck is not level. See page 33. ⇒ The Mower ground speed is too fast. Reduce the speed. ⇒ The Mower Deck is clogged. Shut the Engine OFF, remove the Spark Plug Wire, and clean the underside of the Deck. ⇒ The Caster Tire pressures are incorrect. Check the Tire pressures against the manufacturer's recommendation listed on the side of the Tire.
<i>Excessive vibration.</i>	<ul style="list-style-type: none"> ⇒ Check the Blades for nicks and wear. Replace or sharpen and balance the Blades if they become dull, or have them professionally sharpened if needed. Never try to straighten a bent Blade. Be sure to replace the Blades in the proper orientation. See page 32. ⇒ The Blades may not be seated properly on the Hubs. Loosen the Blade Bolts, reseal the Blades, and tighten the Bolts. Be sure to turn OFF the Engine and remove the Spark Plug wire before performing this operation. ⇒ The Spindle Bearings may be bad, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance. ⇒ Check and retighten all of the fasteners as required. ⇒ If the vibrations persist, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.

! WARNING!

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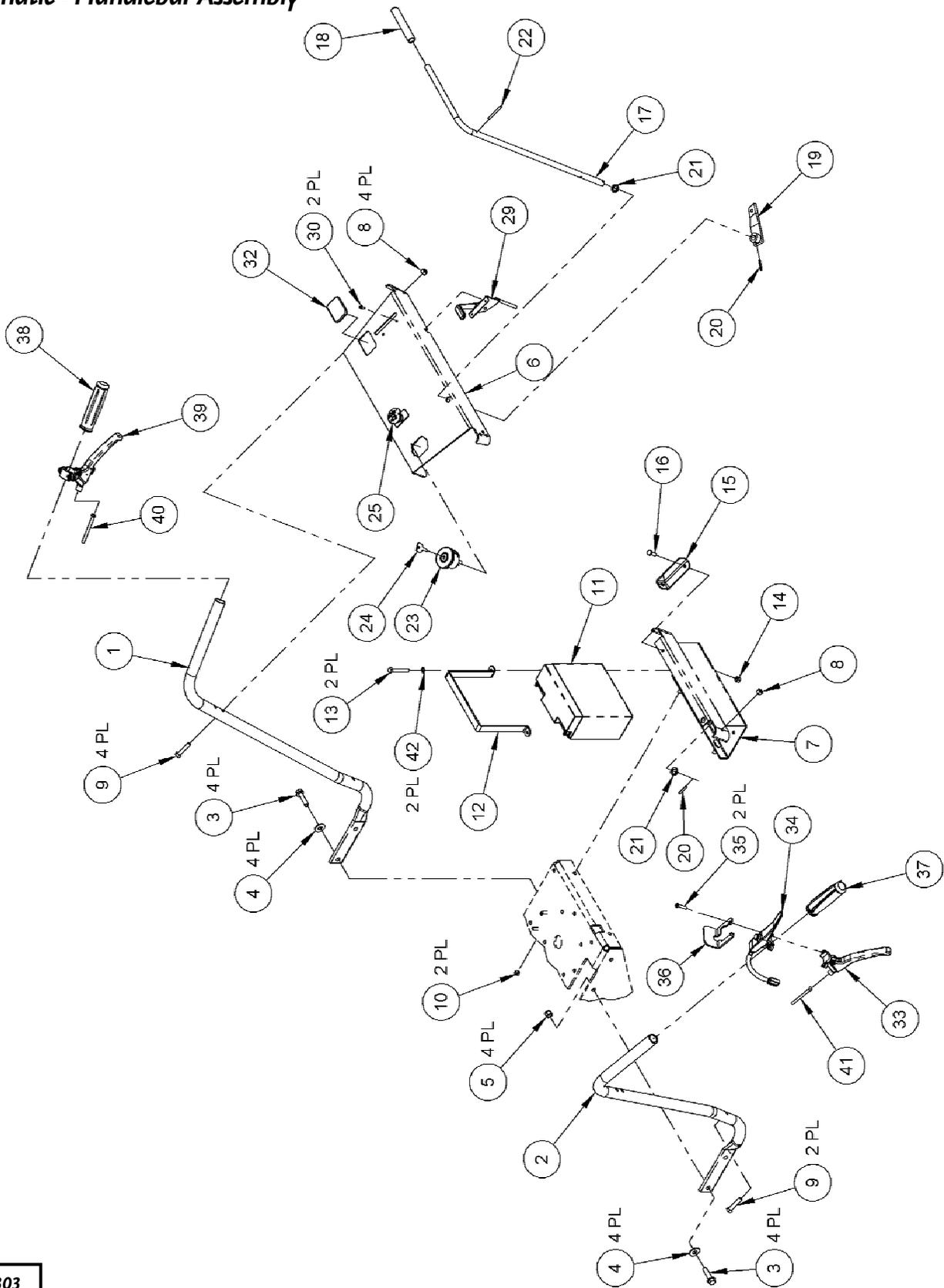
SYMPTOM	POSSIBLE CAUSE
<i>The Blades will not Engage and/or Disengage.</i>	<ul style="list-style-type: none">⇒ Be sure you are holding down on the Operator Presence Lever.⇒ Faulty Blades Control Switch. Remove and replace the Switch on the Control Panel.⇒ An open and/or shorted Blades Control Wiring Harness. Remove and replace the Blades Control Wiring Harness w/Solenoid.⇒ If the problem persists, visit our web site at www.DRPower.com or call 1-800-DR-OWNER (376-9637) for assistance.
<i>The Blades do not cut or are loose.</i>	<ul style="list-style-type: none">⇒ The Blades may not be seated properly on the Hubs. Loosen the Blade Bolts, reseat the Blades, and tighten the Bolts. Be sure to turn OFF the Engine and remove the Spark Plug wire before performing this operation.⇒ Sharpen the Blades; they may be dull or nicked. Be sure to replace the Blades in the proper orientation. See page 32.
<i>Wheels pulling left or right.</i>	<ul style="list-style-type: none">⇒ Check the Wheel Tire pressures against the manufacturer's recommendation listed on the side of the Tires.

PARTS LISTS, SCHEMATIC DIAGRAMS AND WARRANTY
Parts List - Handlebar Assembly

NOTE: Part numbers listed are available through Country Home Products, Inc.

<u>Ref#</u>	<u>Part#</u>	<u>Description</u>	<u>Ref#</u>	<u>Part#</u>	<u>Description</u>
01	150301	Handlebar, Right Hand	35	179231	Screw, M6 x 25mm, SHCS
02	150311	Handlebar, Left Hand	36	164971	Guard, Switch, Operator Presence
03	120301	Screw, 3/8"-16 x 1-1/2", Tri-Lobe	37	164951	Ergonomic Grip, 1" OD, 4.5" L
04	112391	Washer, Flat, 3/8", USS	38	164961	Plain Grip, 1" OD, 4.5" L
05	110751	Nut, Nylon Lock, 3/8"-16	39	165181	Brake Lever with Lock
06	247181	Panel, Control w/Labels	40	181131	Cable, Transmission Brake
07	150041	Battery Shelf	41	165251	Cable, Traction Drive
08	110761	Nut, Nylon Lock, 5/16"-18	42	112491	Washer, Lock, 1/4"
09	134431	Bolt, 5/16"-18 x 1.5", HCS	Not Illustrated		
10	187551	Nut, Nylon Lock, 5/16"-18, LP	124371		Label, American Flag, 3" x 2"
11	104831	Battery, 17AH, 12V	127811		Label, Warning: Add Oil
12	124511	Clamp, Battery 7-1/8" x 5-1/2"	136831		Label, Caution Hot Surface
13	114561	Bolt, 1/4"-20 x 1-3/4", HCS	157641		Label, Height Adjustment
14	110731	Nut Nylon Lock 1/4"-20	161541		Label, Throttle Control
15	151181	Bracket, Brake Cable	164381		Label, Blade Belt Routing
16	119831	Bolt, 1/4"-20 x 3/4", GR, ZP	192391		Label, DR Logo, Silver, 5-3/4"
17	150391	Shift Lever	240751		Label, DR Lawn Mower
18	110221	Grip, Shift Handle	240761		Label, Control Panel
19	100241	Rod, Shift Arm	136491		Danger, Deck Label
20	110961	Pin, Roll, 3/16" x 1"			
21	112441	Washer, 1/2" ID x 3/4" OD x 1/8", Nylon			
22	110971	Pin, Roll, 3/16" x 1-3/4"			
23	165191	Switch, w/Key, Snap-in, 4 Positions			
24	157201	Key, Ignition Switch			
25	191231	Switch, Push/Pull, TPDT			
29	112111	Cable, Throttle			
30	150491	Screw, 8-32" x 1/2"			
32	151311	Plug, Panel, 2.0" x 1.4"			
33	165171	Lever, Wheel Clutch			
34	180591	Lever, Operator Presence w/wire			

Schematic - Handlebar Assembly



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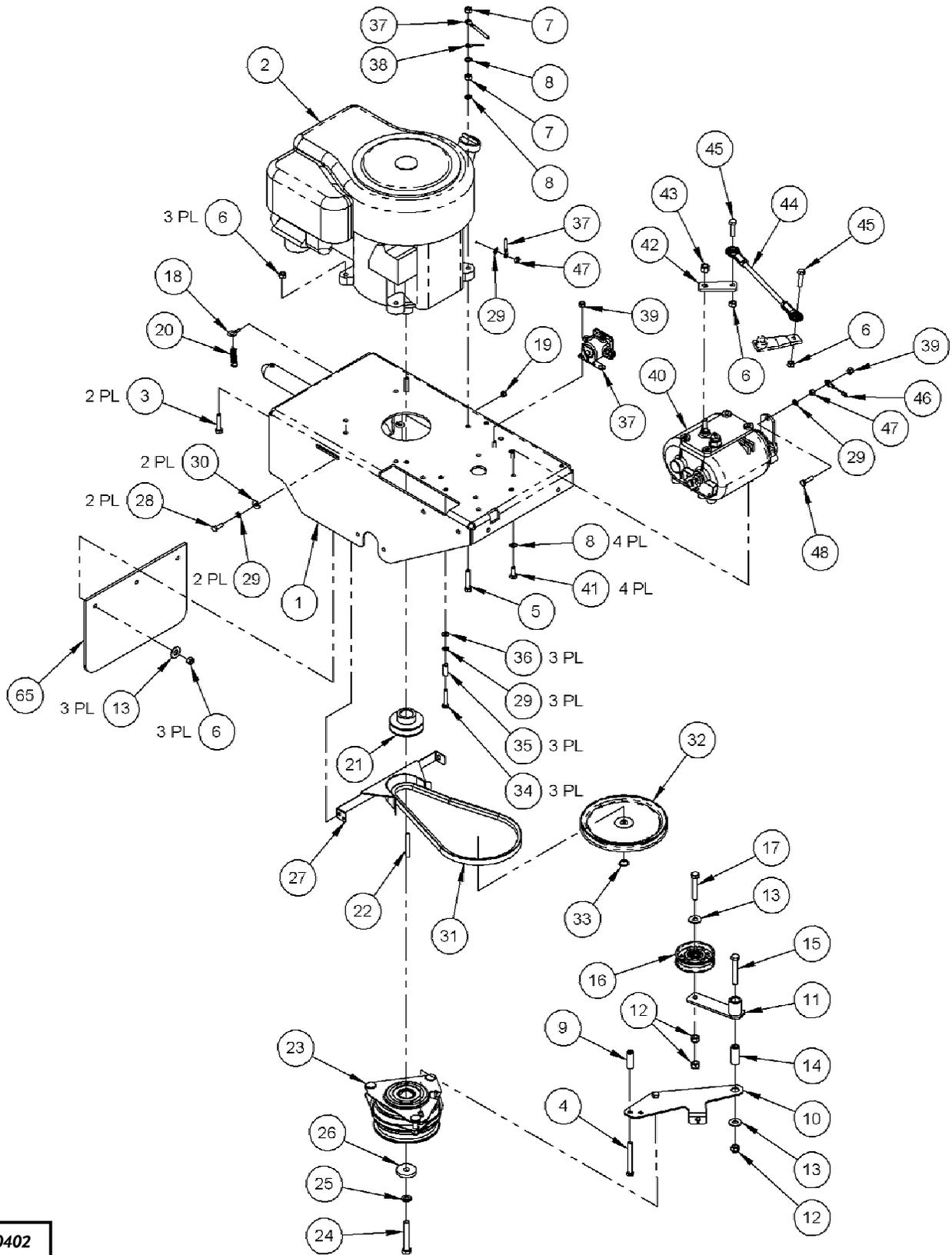
CONTACT US AT www.DRPower.com or CALL TOLL FREE 1-800-DR-OWNER

Parts List - Frame and Drive Assembly

NOTE: Part numbers listed are available through Country Home Products, Inc.

Ref#	Part#	Description	Ref#	Part#	Description
01	150261	Frame, Main	37	240731	Wire Harness, Tecumseh 12.5 HP
02	240691	Engine, Tecumseh 12.5 HP, E/S	38	150141	Cable, Ground, 16"
03	134431	Bolt, 5/16"-18 x 1.5", HCS	39	110731	Nut Nylon Lock 1/4"-20
04	111411	Bolt, 5/16"-18 x 3", HCS, GR5, ZP	40	150591	Transmission, 4 FWD & 1 REV
05	150451	Bolt, 5/16"-18 x 1", GR5, ZP	41	123211	Bolt, 5/16"-18 x 3/4", HCS
06	110761	Nut, Nylon Lock, 5/16"-18	42	151001	Arm, Transmission, Shift
07	110691	Nut, Finish, 5/16"-18	43	150771	Nut, Nylon Lock, 3/8"-24
08	112501	Washer, Star Lock, 5/16"	44	160331	Rod, Shift, Tie, 7.47"
09	112311	Spacer, .327" ID x .500" OD x 1.5" L	45	123361	Bolt, 5/16"-18 x 1-1/4", HCS, GR5, ZP
10	191261	Strap, Anti-rotation	46	181131	Cable, Transmission Brake
11	150611	Idler Arm, Traction Drive	47	110701	Nut, Finish 1/4"-20
12	110751	Nut, Nylon Lock, 3/8"-16	48	111491	Bolt, 1/4"-20 x 1", HCS, GR5, ZP
13	112391	Washer, Flat, 3/8", USS	65	150241	Debris Guard, 11.5"L x 5.12" H
14	151111	Bushing, .39" ID x .62" OD x 1.585" L	<u>Not Illustrated</u>		
15	164841	Bolt, 3/8"-16 x 2-1/2", HCS	140021	Tubing, Oil Drain	
16	108501	Pulley, Flat, Idler, 3.0" OD	222451	Valve, 3/8" NPT, Oil Drain	
17	157121	Bolt, 3/8"-16 x 2-1/4", HCS			
18	175521	Eyebolt, 10-24 x 1/2"			
19	118731	Nut, Nylon Lock, 10-24			
20	150501	Spring, E, 438" OD x .045" Wire x 2.5" L			
21	191211	Pulley, V-belt, 2.75"			
22	106361	Key Square, 1/4" x 2-1/4"			
23	191241	Clutch, Electric, 75ft-lb, 3.86 amp			
24	223241	Bolt, 7/16"-20 x 2-3/4", HCS, GR8			
25	222521	Washer, Split, 7/16", GR8			
26	191301	Washer, Flat, .469" ID x 1.62" OD, .25" L, GR5			
27	150201	Belt Guide, Engine			
28	119831	Bolt, 1/4"-20 x 3/4", GR, ZP			
29	112481	Washer, Lock, 1/4" External Tooth			
30	112381	Washer, Flat, 1/4", USS			
31	150061	Belt, A31K, 1/2" x 33"			
32	111141	Pulley, V-Belt, 7" OD, 5/8" Bore			
33	111241	Ring, Retaining, 5/8", SH			
34	101451	Bolt, 1/4"-20 x 1-1/2", HCS, GR2, ZP			
35	111871	Spacer, 1/4" ID, .375" OD, 1.0" L			
36	112371	Washer Flat #10, USS			

Schematic - Frame and Drive Assembly



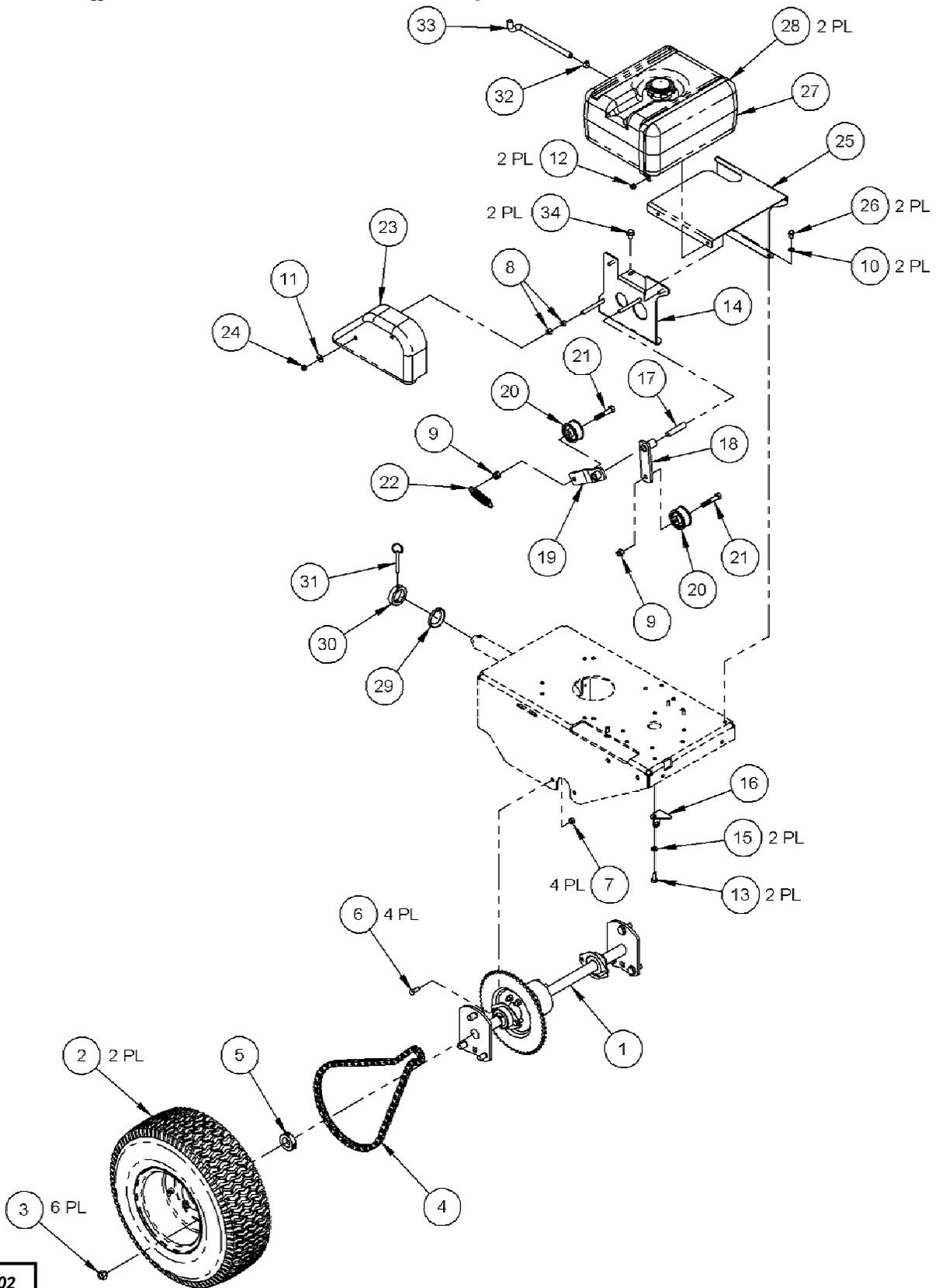
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Parts List - Differential and Wheel Drive Assembly

NOTE: Part numbers listed are available through Country Home Products, Inc.

Ref#	Part#	Description
01	240711	Differential, Open, 1" Shaft
02	240721	Wheel & Tire, 18" x 6.50", Turf, Gray
03	165221	Nut, Lug, 1/2"-20
04	150191	Chain, #40, 88 Pitches with Master Link
05	151971	Split Collar, 1" ID x 1-3/4" OD, Clamp-On w/Set Screws
06	123211	Bolt, 5/16"-18 x 3/4", HCS, GR5, ZP
07	110761	Nut, Nylon Lock, 5/16"-18
08	110691	Nut, Finish, 5/16"-18
09	110751	Nut, Nylon Lock, 3/8"-16
10	112481	Washer, Lock, 1/4" External Tooth
11	112381	Washer, Flat, 1/4", USS
12	110731	Nut Nylon Lock 1/4"-20
13	123211	Bolt, 5/16"-18 x 3/4", HCS
14	150171	Support Plate, Chain Idler
15	112431	Washer, Lock, 5/16"
16	151941	Bracket, Clutch Cable Guide
17	150101	Bushing, .328" ID x .5" OD x 2.32" L
18	164781	Arm, Chain Idler Adjuster (Inner)
19	164771	Arm, Chain Idler Adjuster (Outer)
20	150481	Pulley, Flat Idler, 1-7/8" OD
21	126861	Bolt, 3/8"-16 x 2", HCS, GR5, ZP
22	164801	Spring, E, .750" OD x .085" Wire x 3" L
23	150181	Guard, Chain
24	187551	Nut, Nylon Lock, 5/16"-18, LP
25	150411	Mount, Fuel Tank
26	114701	Bolt, 1/4"-20 x 1/2", HCS, GR2, ZP
27	150291	Fuel Tank Assembly
28	150531	Strap, 2.5 Gal Fuel Tank
29	151381	Washer, 1.375" ID, 2.0" OD
30	151151	Washer, 1.38" ID x 2.0" OD x .5" L
31	150461	Pin, Detent, 1/4" x 2"
32	100661	Clamp
33	211661	Hose, Fuel, CA Certified
34	111731	Screw, 5/16"-18 x 1/2", Tri-Lobe

Schematic - Differential and Wheel Drive Assembly



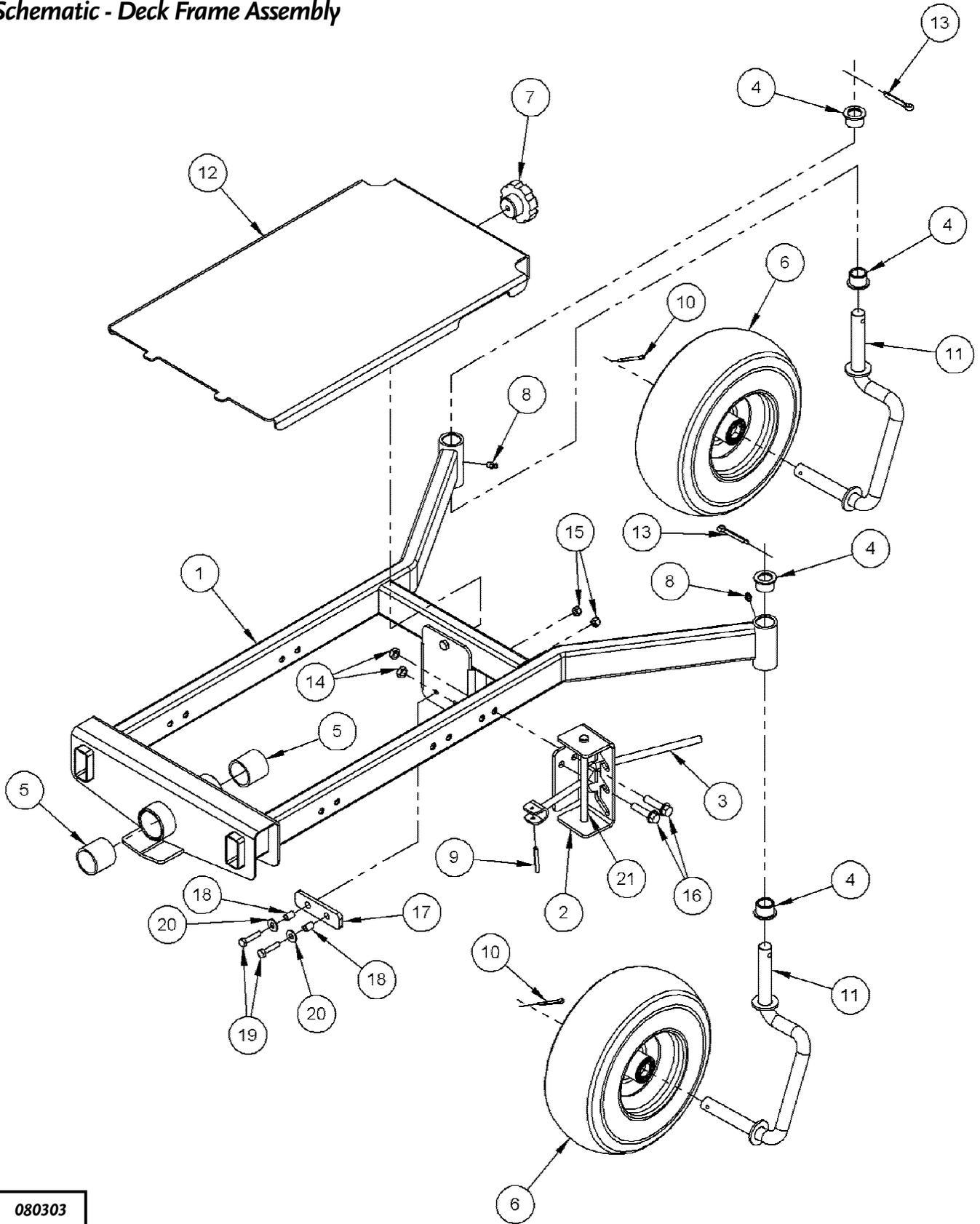
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Parts List - Deck Frame Assembly

NOTE: Part numbers listed are available through Country Home Products, Inc.

Ref#	Part#	Description
01	151501	Frame
02	157141	Plate, Height Adjustment
03	151561	Lever, Height Adjuster
04	123761	Bushing, .766" ID x 1.0" OD
05	150721	Bushing, 1.38" ID x 1.63" OD x 1.5" L
06	193131	Wheel, Caster, 11.4" x 4", Gray
07	143661	Knob, Handlebar, 5/16"-18
08	101891	Grease Fitting, 1/4"-28, Straight
09	110961	Pin, Roll, 3/16" x 1"
10	126851	Pin, Cotter, 3/16" x 1-1/2"
11	151511	Yoke, Caster Axle
12	160851	Cover, Guard, Main Belt, Center
13	160911	Pin, Cotter, 1/4" x 1-1/2"
14	164131	Nut, Nylon Lock, 3/8"-16, Low Profile
15	110731	Nut, Nylon Lock, 1/4"-20
16	120301	Screw, 3/8"-16 x 1-1/2", Tri
17	151641	Plate, Anti-Torsion
18	157221	Bushing, .265" ID x .370" OD
19	114681	Bolt, 1/4"-20 x 1-1/4", HCS
20	112381	Washer, Flat, 1/4", USS
21	192461	Pin, Clevis

Schematic - Deck Frame Assembly



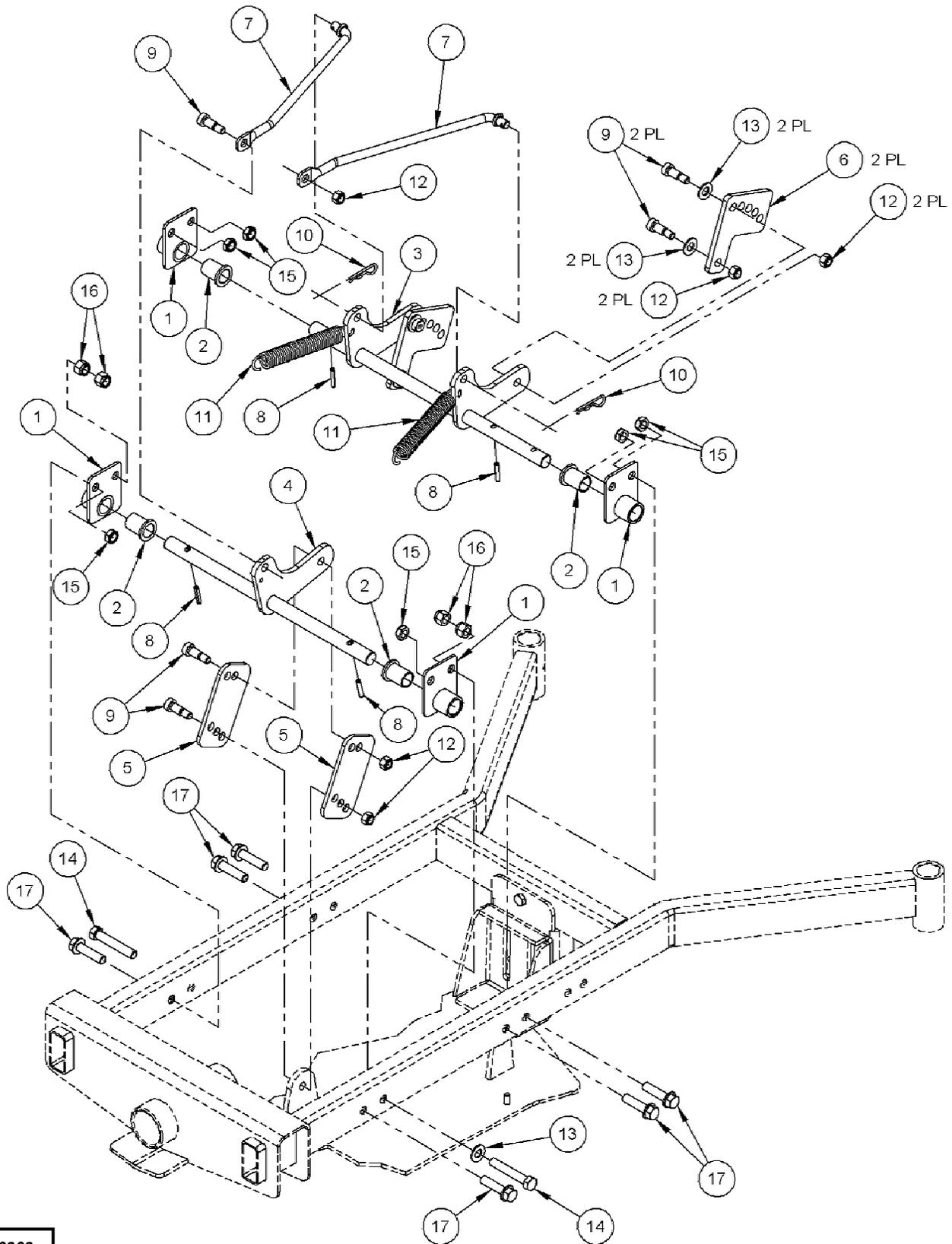
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Parts List - Height Adjuster Assembly

NOTE: Part numbers listed are available through Country Home Products, Inc.

Ref#	Part#	Description
01	151551	Hanger, Lawn Deck Shaft
02	151491	Bushing, .645" ID x .75" OD x1.1" L
03	151541	Rod, Hanger, Front
04	151531	Rod, Hanger, Rear
05	157191	Plate, Link, Rear
06	151631	Plate, Link, Front
07	151591	Connector, Linkage
08	110971	Pin, Spring, 3/16" x 1-3/4"
09	151601	Screw, Shoulder, 5/16"-18
10	151921	Pin, Hitch Clip
11	157231	Spring, E, .750" OD x .093" Wire
12	110761	Nut, Nylon, Lock, 5/16"-18
13	121701	Washer, Flat, 3/8", SAE
14	157121	Bolt, 3/8"-16 x 2-1/4", HCS
15	164131	Nut, Nylon Lock, 3/8"-16, Low Profile
16	110751	Nut, Nylon Lock, 3/8"-16
17	120301	Screw, 3/8"-16 x 1-1/2", Tri-Lobe

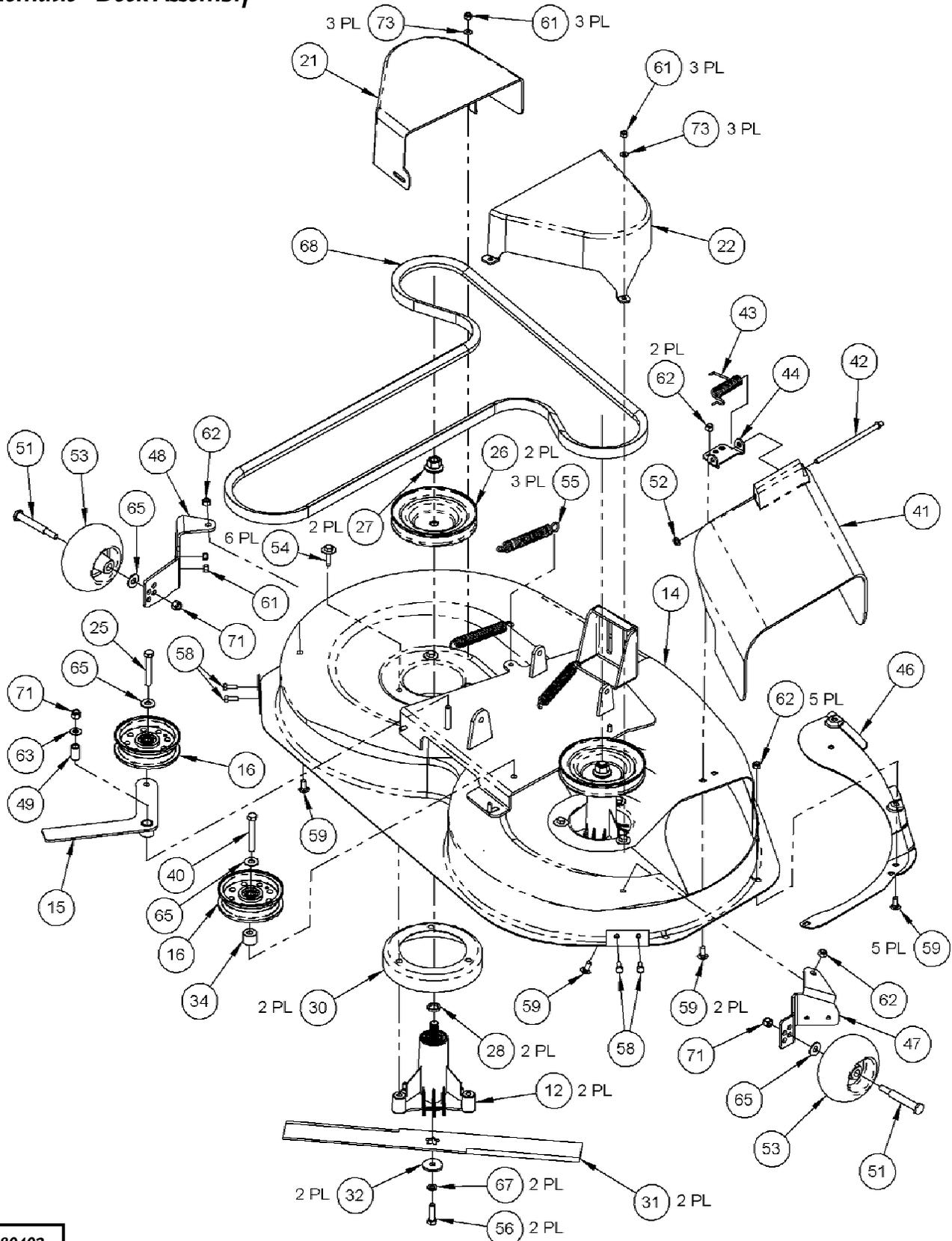
Schematic - Height Adjuster Assembly



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CONTACT US AT www.DRPower.com or CALL TOLL FREE 1-800-DR-OWNER

Schematic - Deck Assembly



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CONTACT US AT www.DRPower.com or CALL TOLL FREE 1-800-DR-OWNER

Notes:

Notes:

Notes:

DR[®] WIDE-CUT LAWN MOWER



2-Year Limited Warranty

Terms and Conditions

The DR[®] WIDE-CUT LAWN MOWER is warranted for two (2) years against defects in materials or workmanship when put to ordinary and normal consumer use; ninety (90) days for any other use. The engine manufacturer warrants the engine separately.

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.

DR[®] Power Equipment certifies that the DR[®] WIDE-CUT LAWN MOWER is fit for ordinary purposes for which a product of this type is used. DR[®] Power Equipment however, limits the implied warranties of merchantability and fitness in duration to a period of two (2) years in consumer use, ninety (90) days for any other use.

The 2-Year Limited Warranty on the DR[®] WIDE-CUT LAWN MOWER starts on the date the machine ships from our factory. The 2-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 Drive Belts, Bearings, Debris Shield, Blades, Tires, and Battery. This warranty does not cover attachments and accessories to the machine.

During the warranty period, the warranty holder is responsible for the machine transportation charges, if required. During the warranty period, warranty parts ship 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.

DR[®] Power Equipment 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[®] WIDE-CUT LAWN MOWER.

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

DR[®] Power Equipment'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 warranties on all engines. However, to obtain service, repair or replacement of any 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 their separate manufacturers.

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

Daily Checklist for the DR WIDE-CUT LAWN MOWER

To help maintain your DR WIDE-CUT LAWN MOWER for optimum performance, we recommend you follow this checklist each time you use your machine.

- [] OIL: With the machine on a level surface, check the Engine oil level with the Dipstick. Add more if necessary (only add oil to the level indicated on the Dipstick - DO NOT OVERFILL). Use SAE 30 high detergent motor oil.
- [] GAS: Fill the gas tank with clean, fresh, unleaded gasoline. Make sure the Fuel Shut-Off Valve on the bottom of the tank is open. Always close the Fuel Shut-Off Valve when storing your machine.
- [] ENGINE AIR COOLING SYSTEM: It is very important to keep the Engine clean of debris. Remove grass and other built-up materials from the Air Intake Screen before, during, and after you mow. Regularly remove debris from the Blower Housing and Cooling Fins. A dirty Engine retains heat and can cause damage to the internal Engine parts.
- [] BELTS: Check the Belts for wear, proper alignment and tension.
- [] BLADES: Check the Blades for tightness, nicks, and wear. Remove any wrapped weeds and grass from the Blade Bearing Housings to prevent buildup.
- [] GENERAL CONDITION: Check the general condition of the machine, e.g.; nuts, bolts, welds etc. Verify the operation of the Operator Presence Controls (page 19).



DR® Power Equipment, A division of Country Home Products®

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1-800-DR-OWNER (376-9637) • www.DRPower.com

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