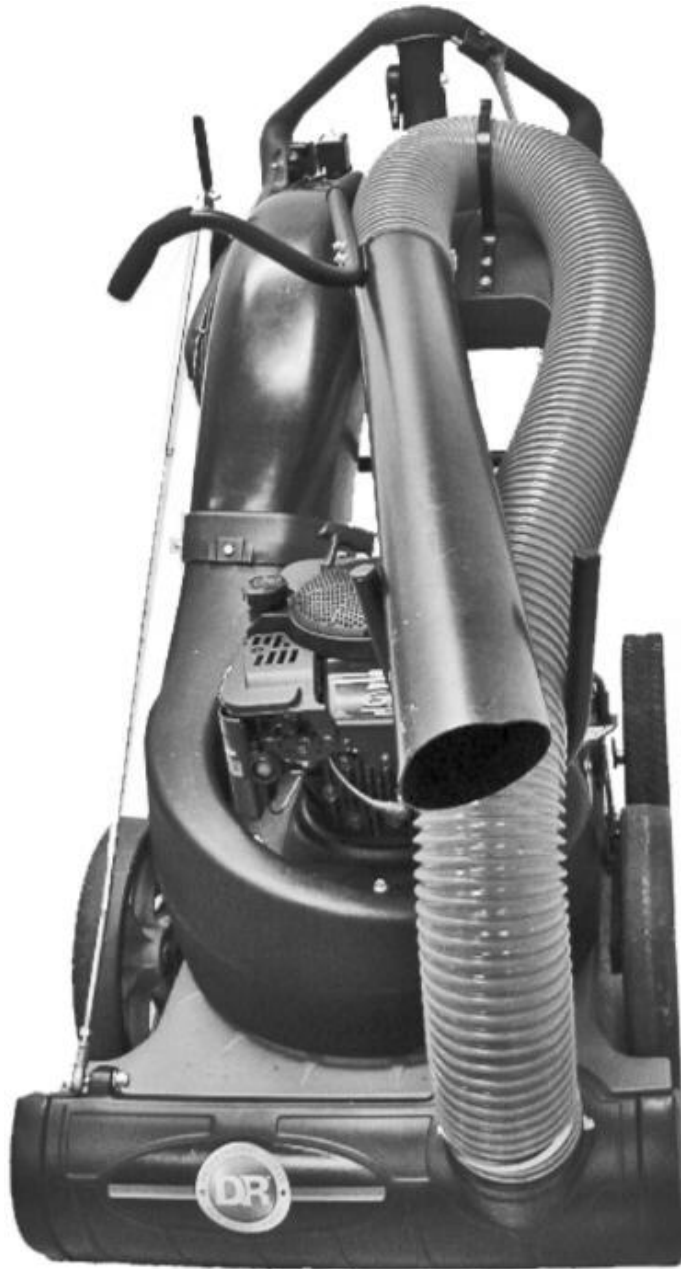


DR[®] WALK-BEHIND LEAF & LAWN VACUUM



OPTIONAL VACUUM HOSE ACCESSORY SAFETY & OPERATING INSTRUCTIONS



! WARNING!

**READ AND UNDERSTAND THIS MANUAL AND ALL INSTRUCTIONS
BEFORE USING YOUR NEW HOSE ACCESSORY.**

THANK YOU!

and congratulations on your purchase of a new DR WALK-BEHIND LEAF & LAWN VACUUM Optional On-Board Vacuum Hose Accessory!

We have done our utmost to ensure that your DR WALK-BEHIND LEAF & LAWN VACUUM Optional On-Board Vacuum Hose Accessory 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, please have your order number handy. **For technical assistance, please 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 WALK-BEHIND LEAF & LAWN VACUUM Optional On-Board Vacuum Hose Accessory! 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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INTRODUCING THE OPTIONAL ON-BOARD VACUUM HOSE ACCESSORY

This manual will help you set up and safely operate your new DR WALK-BEHIND LEAF & LAWN VACUUM Optional On-Board Vacuum Hose Accessory. 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 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 WALK-BEHIND LEAF & LAWN VACUUM Optional On-Board Vacuum Hose Accessory.

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

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, contact Country Home Products' 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 WALK-BEHIND LEAF & LAWN VACUUM OPTIONAL ON-BOARD VACUUM HOSE ACCESSORY. ALSO, REVIEW THE SAFETY AND OPERATING MANUAL FOR YOUR VACUUM.
 - INSPECT THE AREA WHERE YOU WILL BE WORKING. THE SITE MUST BE FREE OF POTENTIALLY HAZARDOUS OBSTACLES (E.G., BRANCHES, LARGE STONES, OR OTHER LARGE OBJECTS).
 - TURN OFF YOUR DR WALK-BEHIND LEAF & LAWN VACUUM ENGINE AND WAIT FIVE (5) MINUTES FOR PARTS TO COOL BEFORE INSTALLING OR REMOVING THE ON-BOARD VACUUM HOSE ACCESSORY.
 - WEAR EYE PROTECTION WHENEVER THE ENGINE IS RUNNING.
-

DR WALK-BEHIND LEAF & LAWN VACUUM OPTIONAL ON-BOARD VACUUM HOSE ACCESSORY

This chapter outlines a few simple steps you will need to follow to set up and use your new Optional On-Board Vacuum Hose Accessory for your DR WALK-BEHIND LEAF & LAWN VACUUM. **If you have any questions at all, please feel free to contact our Customer Service Representatives at our toll free number: 1-800-DR-OWNER (376-9637).**

Connecting the Optional On-Board Vacuum Hose (Kit No. 21815)

In addition to using your machine as a walk-behind vacuum, the Optional On-Board Vacuum Hose also provides the constant availability for vacuuming flowerbeds, around trees and under bushes, and other hard to reach places.



WARNING!

BEFORE PERFORMING THIS PROCEDURE, STOP THE ENGINE AND DISCONNECT THE SPARK PLUG WIRE.

NOTE: *The design of the DR WALK-BEHIND LEAF & LAWN VACUUM is to vacuum debris mixed with cans, bottles, and small amounts of sand.*

The following instructions detail the steps required to assemble the On-Board Vacuum Hose Accessory and the two (2) Hose Rest Brackets to the vacuum.

Parts Supplied:

(see Parts List on page 9)

Tools Needed:

- (2) 7/16" Wrench or Socket
- (2) 3/8" Wrench or Socket
- (2) 1/2" Wrench or Socket
- Blade Screw Driver
- Drill with 1/4" Bit
- Petroleum Jelly (optional)

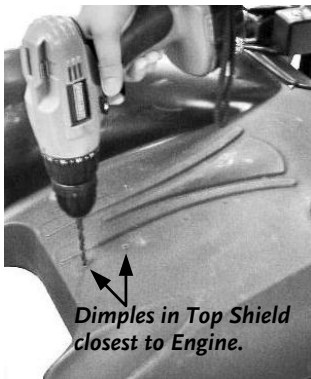


Figure 1a

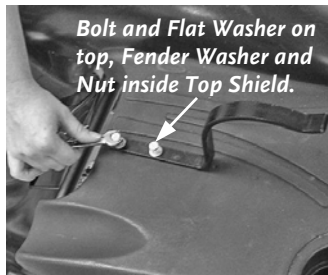


Figure 1b

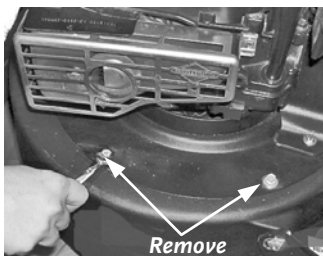


Figure 2a

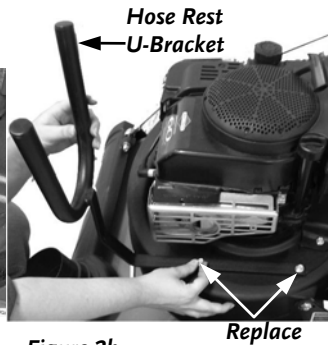


Figure 2b

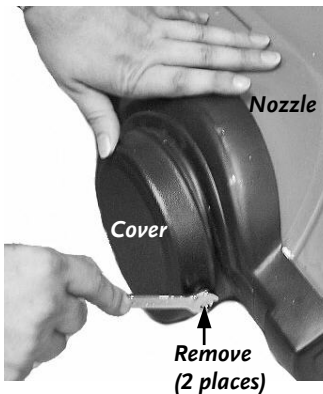


Figure 3a



Figure 3b

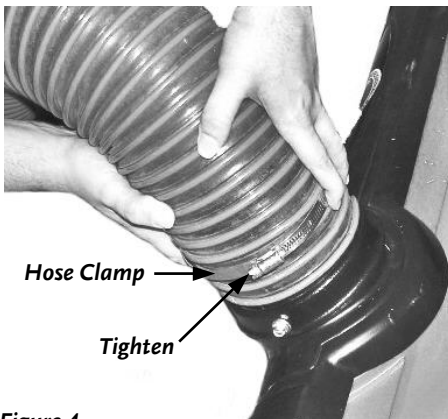


Figure 4

Attach the On-Board Vacuum Hose Accessory to your DR WALK-BEHIND LEAF & LAWN VACUUM using the following steps:

1. Remove the Debris Bag Assembly and then drill two (2) 1/4" holes through Dimples in the Top Shield that coincide with the holes in the Top Shield Hose Rest Bracket (**Figure 1a**).

! NOTICE!

BE SURE TO DRILL THE TWO DIMPLES NEAREST THE ENGINE. THE OTHER TWO DIMPLES ARE FOR ANOTHER APPLICATION AND USING THEM WILL MAKE THE NOZZLE DOOR DIFFICULT TO USE.

2. Using the 7/16" Wrenches, install the Hose Rest Bracket to the Top Shield using the two (2) 1/4" x 1" Cap Screws, 1/4" Flat Washers, 1/4" Fender Washers and 1/4" Lock Nuts provided (**Figure 1b**).
3. To install the Hose Rest U-Bracket to the Engine, first remove the two (2) Self-Tapping Screws (**Figure 2a**). Then attach the Bracket using two (2) new 1/4"-20 x 1" Self-Tapping Screws with 1/4" Flat Washers provided, into the holes where the original screws were removed (**Figure 2b**).
4. Remove the Cover from the front of the Nozzle Door by removing the two (2) Self-Tapping Screws (**Figure 3a**) and insert the Swivel Adapter, aligning the Bolt Holes in the Adapter with the holes in Nozzle Door (**Figure 3b**).
5. Insert two (2) 10-24 x 3/4" Cap Screws with #10 Flat Washers (from the inside) through the aligned holes and install a #10 Flat Washer and 10-24 Lock Nut on each screw (**Figure 3b**). Tighten the hardware.
6. Attach the Vacuum Hose to the Swivel Adapter by slipping the 6" Hose Clamp over the end of the Hose and then slipping the Hose over end of the Swivel Adapter (**Figure 4**). Tighten the Hose Clamp.

7. Place the Hose Handle Bracket over the pre-drilled mounting holes in the Nozzle (**Figure 5a**), then install the two (2) 1/4"-20 x 3/4" Button Head Screws with Fender Washers up through the aligned holes and through the Handle Bracket (**Figure 5a**).
 8. Place the Hose Handle on the Screws just installed (**Figure 5b**) and install a 1/4" Flat Washer and 1/4" Lock Nut on each Screw but do not tighten at this time.
 9. Slip a Hose Clamp over the end of the Hose and then slip the Hose onto the Nozzle and push it up against the Handle Bracket so that the Hose is under the Handle (**Figure 6**).
- Tip:** Lubricating the Nozzle end with petroleum jelly will help to slide the Nozzle into the Hose.
10. Slide the Hose Clamp up under the Handle and tighten the clamp (**Figure 6**) and the remaining hardware.
 11. Reconnect the spark plug wire.

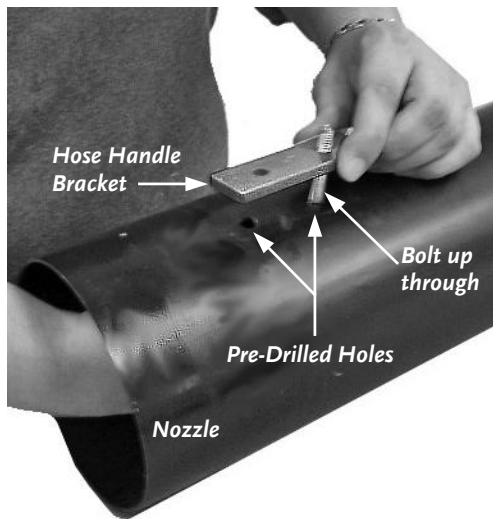


Figure 5a



Figure 5b

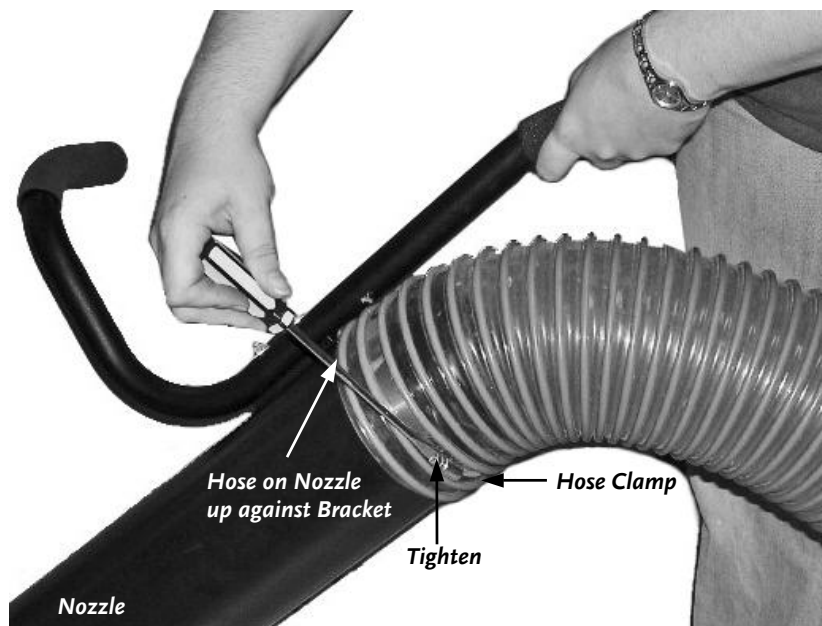


Figure 6

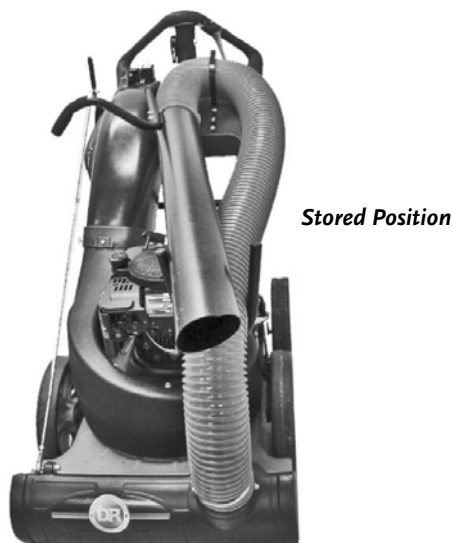


Figure 7

Using the Optional On-Board Vacuum Hose

1. Start the Engine, and adjust the Throttle to Fast.
2. Remove the Nozzle from the Stored position (**Figure 7**) and then close the Nozzle Door.
3. While holding the Vacuum Nozzle just above the ground at an angle, sweep the area side to side that you wish to vacuum (**Figure 8**).

! WARNING!

- IF THE VACUUM HOSE BECOMES CLOGGED WITH DEBRIS, STOP THE ENGINE AND DISCONNECT THE SPARK PLUG WIRE BEFORE ATTEMPTING TO CLEAR THE BLOCKAGE.
- WEAR EYE PROTECTION WHENEVER THE ENGINE IS RUNNING.

! NOTICE!

BE SURE TO USE CARE NOT TO ALLOW THE NOZZLE OPENING TO COME IN FULL CONTACT WITH THE GROUND WHILE VACUUMING. DIRT, STONES AND OTHER SOLID OBJECTS MAY BE PICKED UP AND INGESTED INTO THE IMPELLER ASSEMBLY.



Figure 8

Tip: Hold the Vacuum Nozzle at a slight angle to the ground so that it does not suck right down on the ground. This allows air to continue to flow into the Nozzle while you are vacuuming (**Figure 8**).

Tip: When vacuuming leaves off mulched areas, hold the nozzle just above the leaves and lower it slowly to determine the height that will pickup the leaves and not the mulch.

Tip: When vacuuming in an area with loose brush, twigs, and branches, step on them to hold them down so as not to ingest them into the vacuum nozzle (**Figure 9**). These types of materials may clog or puncture the vacuum hose. Once you have cleared the area of leaves, pick up the twigs and sticks that you uncovered during vacuuming.

Tip: Avoid dragging the Vacuum Hose over curbs, stonewalls, or piles of cut branches. The hose is tough, but can puncture on sharp objects.

Tip: Also, avoid dragging the Vacuum Hose over asphalt, concrete, curbs, or brick patios. The hose is tough, but can abrade on these surfaces.



Figure 9

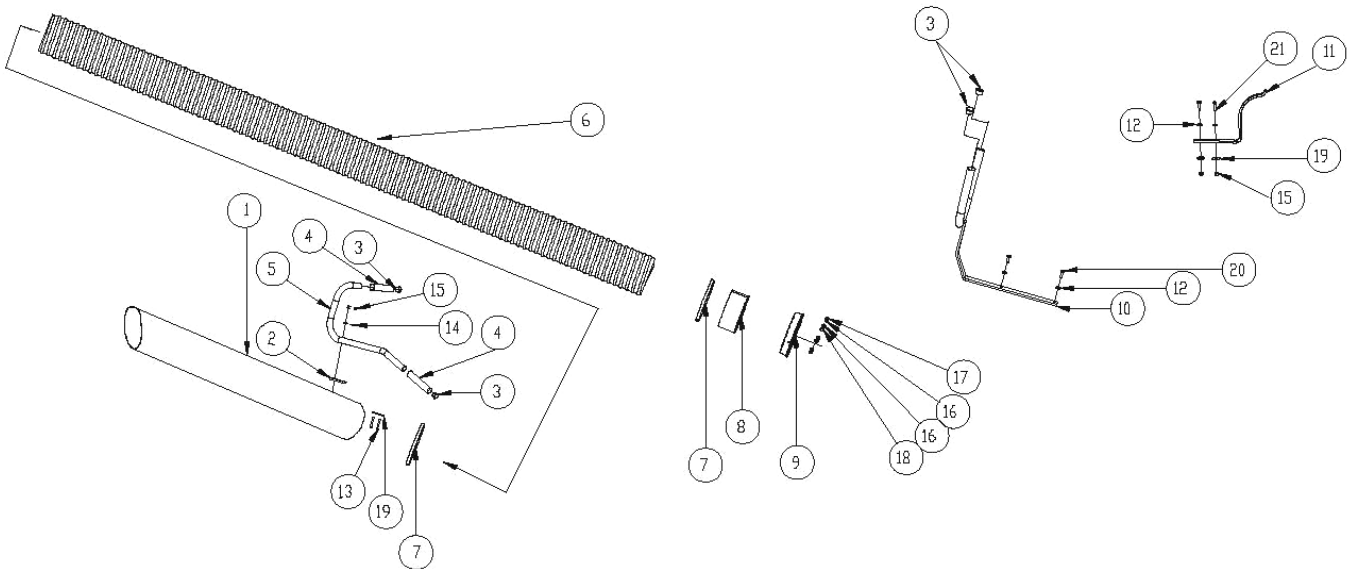
PARTS LIST AND SCHEMATIC DIAGRAM

Parts List - Optional On-Board Vacuum Hose Assembly (Kit No. 21815)

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

Ref#	Part#	Description	Ref#	Part#	Description
01	21801	Nozzle, PVC, 5" x 40" long	12	21924	Washer, 1/4", SAE, ZP
02	21802	Bracket, Handle	13	22263	Screw, Button Head, 1/4"-20 x 3/4"
03	22254	Plug, Tube, Insert, 1"	14	21923	Washer, 1/4", FC, ZP
04	22255	Grip, Handle, 1" x 5.5"	15	21872	Nut, Lock, Nylon, 1/4"-20 UNC
05	22256	Handle	16	21922	Washer, #10, SAE, ZP
06	22257	Hose, 5" x 87"	17	21873	Nut, Lock, Nylon, 10-24 UNF
07	22258	Clamp, Hose, 6"	18	22264	Screw, Cap, 10-24 x 3/4", HWH, ZP
08	22259	Tube, 5" Steel Hose Swivel Adapter	19	21929	Washer, Fender, 1/4", ZP
09	22260	Cap, Hose, 5", Trimmed Out	20	22265	Screw, 1/4"-20 x 3/4", HWH
10	22261	Bracket, Hose Rest, Engine Mounted	21	21897	Screw, Cap, 1/4"-20 x 1", HCS, ZP
11	22262	Bracket, Hose Rest, Top Shield Mounted			

Schematic Diagram - Optional On-Board Vacuum Hose Assembly (Kit No. 21815)



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NOTES

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Daily Checklist for the DR WALK-BEHIND LEAF & LAWN VACUUM

To help maintain your DR WALK-BEHIND LEAF & LAWN VACUUM 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 SAE 30 HD motor oil.
- [] GAS: Fill the gas tank with fresh, unleaded gasoline.
- [] ENGINE: It is very important to keep the engine clean. Remove dirt and other debris from the engine cooling fins and debris guard. A dirty engine retains heat and can cause damage to internal engine components.
- [] HARDWARE: Check all nuts and bolts to be sure that the components are secure.
- [] FRAME: Check all welds to be sure that the frame is in tact and secure.
- [] DEBRIS BAG: Make sure that the Debris Bag is securely fastened to the Top Shield Assembly and the Bag Presence Interlock Switch is engaged.
- [] NOZZLE and IMPELLER: Make sure that the Nozzle and Impeller are free of accumulated debris.
- [] VACUUM HOSE: Make sure that the Hose Clamps, Hose Handle and Hose Rest Brackets are tight.



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