

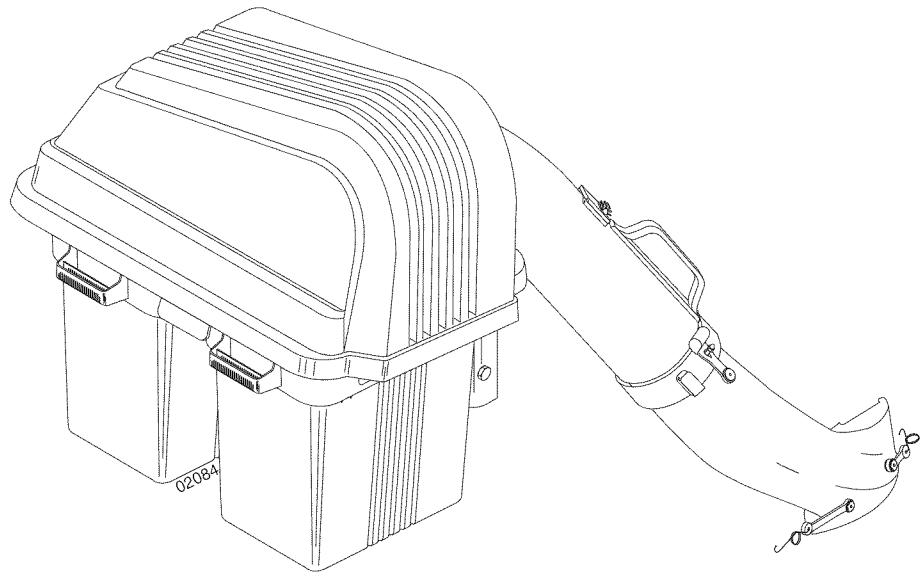
# Owner's Manual



## GRASS CATCHER

46" Mower

Model No.  
**917.249050**



- **Safety**
- **Assembly**
- **Operation**
- **Maintenance**
- **Repair Parts**

### **CAUTION:**

Read and follow all Safety Rules and Instructions before operating this equipment.

For answers to your questions about this product, Call:

**1-800-659-5917**

**Sears Craftsman Help Line**

5 am - 5 pm, Mon - Sat

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.

Visit our Craftsman website: [www.sears.com/craftsman](http://www.sears.com/craftsman)



# SAFETY RULES



## Safe Operation Practices for Ride-On Mowers

**IMPORTANT:** THIS CUTTING MACHINE IS CAPABLE OF AMPUTATING HANDS AND FEET AND THROWING OBJECTS. FAILURE TO OBSERVE THE FOLLOWING SAFETY INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.



**WARNING:** In order to prevent accidental starting when setting up, transporting, adjusting or making repairs, always disconnect spark plug wire and place wire where it cannot contact spark plug.



**WARNING:** Do not coast down a hill in neutral, you may lose control of the tractor.



**WARNING:** Tow only the attachments that are recommended by and comply with specifications of the manufacturer of your tractor. Use common sense when towing. Operate only at the lowest possible speed when on a slope. Too heavy of a load, while on a slope, is dangerous. Tires can lose traction with the ground and cause you to lose control of your tractor.

### I. GENERAL OPERATION

- Read, understand, and follow all instructions on the machine and in the manual before starting.
- Do not put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.
- Only allow responsible adults, who are familiar with the instructions, to operate the machine.
- Clear the area of objects such as rocks, toys, wire, etc., which could be picked up and thrown by the blades.
- Be sure the area is clear of bystanders before operating. Stop machine if anyone enters the area.
- Never carry passengers.
- Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
- Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blades when crossing gravel surfaces.
- Do not operate machine without the entire grass catcher, discharge guard, or other safety devices in place and working.
- Slow down before turning.
- Never leave a running machine unattended. Always turn off blades, set parking brake, stop engine, and remove keys before dismounting.
- Disengage blades when not mowing. Shut off engine and wait for all parts to come to a complete stop before cleaning the machine, removing the grass catcher, or unclogging the discharge guard.
- Operate machine only in daylight or good artificial light.
- Do not operate the machine while under the influence of alcohol or drugs.
- Watch for traffic when operating near or crossing roadways.
- Use extra care when loading or unloading the machine into a trailer or truck.
- Always wear eye protection when operating machine.

- Data indicates that operators, age 60 years and above, are involved in a large percentage of riding mower-related injuries. These operators should evaluate their ability to operate the riding mower safely enough to protect themselves and others from serious injury.
- Follow the manufacturer's recommendation for wheel weights or counterweights.
- Keep machine free of grass, leaves or other debris build-up which can touch hot exhaust/engine parts and burn. Do not allow the mower deck to plow leaves or other debris which can cause build-up to occur. Clean any oil or fuel spillage before operating or storing the machine. Allow machine to cool before storage.

### II. SLOPE OPERATION

Slopes are a major factor related to loss of control and tip-over accidents, which can result in severe injury or death. Operation on all slopes requires extra caution. If you cannot back up the slope or if you feel uneasy on it, do not mow it.

- Mow up and down slopes, not across.
- Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.
- Choose a low ground speed so that you will not have to stop or shift while on the slope.
- Do not mow on wet grass. Tires may lose traction. Always keep the machine in gear when going down slopes. Do not shift to neutral and coast downhill.
- Avoid starting, stopping, or turning on a slope. If the tires lose traction, disengage the blades and proceed slowly straight down the slope.
- Keep all movement on the slopes slow and gradual. Do not make sudden changes in speed or direction, which could cause the machine to roll over.
- Use extra care while operating machine with grass catchers or other attachments; they can affect the stability of the machine. Do no use on steep slopes.
- Do not try to stabilize the machine by putting your foot on the ground.
- Do not mow near drop-offs, ditches, or embankments. The machine could suddenly roll over if a wheel is over the edge or if the edge caves in.

### III. CHILDREN

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. Never assume that children will remain where you last saw them.

- Keep children out of the mowing area and in the watchful care of a responsible adult other than the operator.
- Be alert and turn machine off if a child enters the area.
- Before and while backing, look behind and down for small children.
- Never carry children, even with the blades shut off. They may fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past may suddenly appear in the mowing area for another ride and be run over or backed over by the machine.
- Never allow children to operate the machine.
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child.



# SAFETY RULES



## Safe Operation Practices for Ride-On Mowers

### IV. TOWING

- Tow only with a machine that has a hitch designed for towing. Do not attach towed equipment except at the hitch point.
- Follow the manufacturer's recommendation for weight limits for towed equipment and towing on slopes.
- Never allow children or others in or on towed equipment.
- On slopes, the weight of the towed equipment may cause loss of traction and loss of control.
- Travel slowly and allow extra distance to stop.

### V. SERVICE

#### SAFE HANDLING OF GASOLINE

To avoid personal injury or property damage, use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive.

- Extinguish all cigarettes, cigars, pipes, and other sources of ignition.
- Use only approved gasoline container.
- Never remove gas cap or add fuel with the engine running. Allow engine to cool before refueling.
- Never fuel the machine indoors.
- Never store the machine or fuel container where there is an open flame, spark, or pilot light such as on a water heater or other appliances.
- Never fill containers inside a vehicle or on a truck or trailer bed with plastic liner. Always place containers on the ground away from your vehicle when filling.
- Remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment with a portable container, rather than from a gasoline dispenser nozzle.
- Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete. Do not use a nozzle lock-open device.
- If fuel is spilled on clothing, change clothing immediately.
- Never overfill fuel tank. Replace gas cap and tighten securely.

#### GENERAL SERVICE

- Never operate machine in a closed area.
- Keep all nuts and bolts tight to be sure the equipment is in safe working condition.
- Never tamper with safety devices. Check their proper operation regularly.
- Keep machine free of grass, leaves, or other debris build-up. Clean oil or fuel spillage and remove any fuel-soaked debris. Allow machine to cool before storing.

- If you strike a foreign object, stop and inspect the machine. Repair, if necessary, before restarting.
- Never make any adjustments or repairs with the engine running.
- Check grass catcher components and the discharge guard frequently and replace with manufacturer's recommended parts, when necessary.
- Mower blades are sharp. Wrap the blade or wear gloves, and use extra caution when servicing them.
- Check brake operation frequently. Adjust and service as required.
- Maintain or replace safety and instruction labels, as necessary.



- Be sure the area is clear of bystanders before operating. Stop machine if anyone enters the area.
- Never carry passengers.
- Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
- Never carry children, even with the blades shut off. They may fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past may suddenly appear in the mowing area for another ride and be run over or backed over by the machine.
- Keep children out of the mowing area and in the watchful care of a responsible adult other than the operator.
- Be alert and turn machine off if a child enters the area.
- Before and while backing, look behind and down for small children.
- Mow up and down slopes (15° Max), not across.
- Be alert and turn machine off if a child enters the area.
- Choose a low ground speed so that you will not have to stop or shift while on the slope.
- Avoid starting, stopping, or turning on a slope. If the tires lose traction, disengage the blades and proceed slowly straight down the slope.
- If machine stops while going uphill, disengage blades, shift into reverse and back down slowly.
- Do not turn on slopes unless necessary, and then, turn slowly and gradually downhill, if possible.

**SAVE THESE INSTRUCTIONS**

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## KNOW YOUR GRASS CATCHER

READ THIS OWNER'S MANUAL AND SAFETY RULES BEFORE ASSEMBLING OR OPERATING YOUR GRASS CATCHER. Compare the illustrations with the carton contents to familiarize yourself with the parts before starting the assembly. Study the operating instructions and safety precautions thoroughly to insure proper functioning of your Grass Catcher and to prevent injury to yourself and others. Save this manual for future reference.



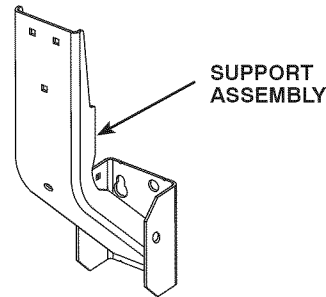
The operation of any tractor can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields before starting your tractor and while mowing. We recommend standard safety glasses or a wide vision safety mask worn over spectacles.

## UNPACKING INSTRUCTIONS

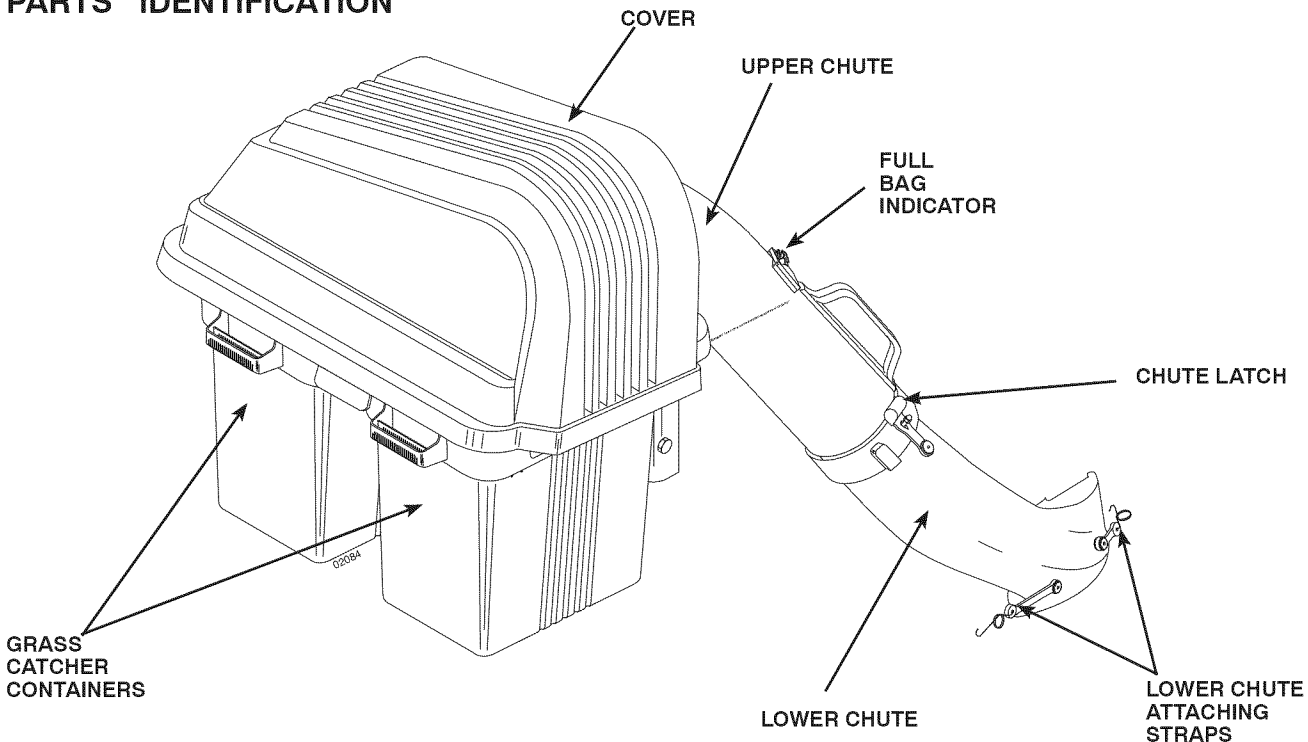
- Remove all parts and packing materials from carton.
- Check carton contents against list. Be sure all parts are there.

## CARTON CONTENTS:

- |                       |                      |
|-----------------------|----------------------|
| (2) Container Tops    | (1) Lower Chute      |
| (2) Container Bottoms | (1) Support Assembly |
| (1) Upper Chute       | (1) Cover Assembly   |



## PARTS IDENTIFICATION



**NOTE:** When right hand (R.H.) and left hand (L.H.) are mentioned in this manual, it means when you are seated on the tractor, in the operator's position.

### CAUTION: BEFORE ASSEMBLING GRASS CATCHER TO TRACTOR:

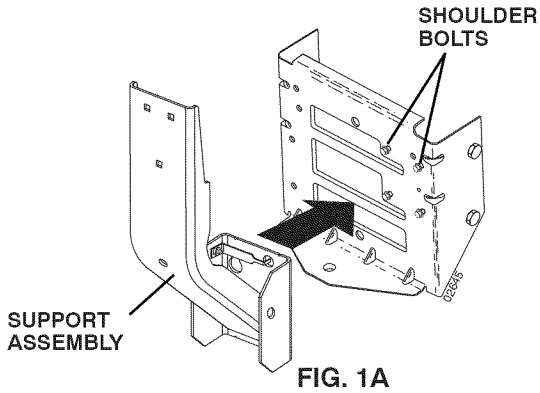
- Depress clutch/brake pedal fully and set parking brake.
- Place gearshift/motion control lever in neutral (N) position.
- Place attachment clutch in "DISENGAGED" position.
- Turn ignition key "OFF" and remove key.
- Make sure the blade and all moving parts have completely stopped.
- Disconnect spark plug wire from spark plug and place wire where it cannot come in contact with plug.



# ASSEMBLY

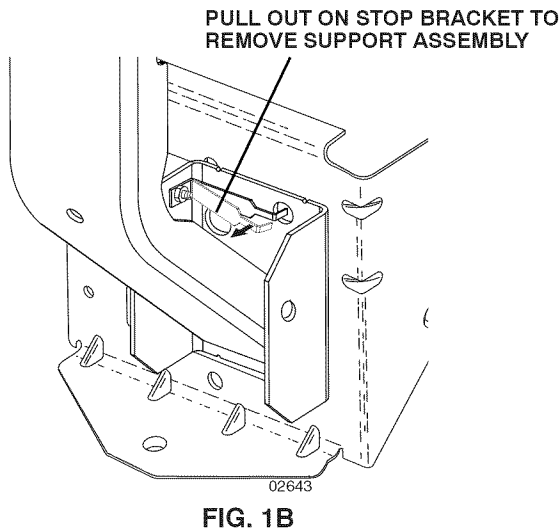
## 1 BAGGER SUPPORT ASSEMBLY (See Fig. 1A)

Simply hang the support assembly on the bolts. If your tractor does not have four (4) shoulder bolts installed on the drawbar, follow the instructions below.



### TO REMOVE THE SUPPORT ASSEMBLY (See Fig. 1B)

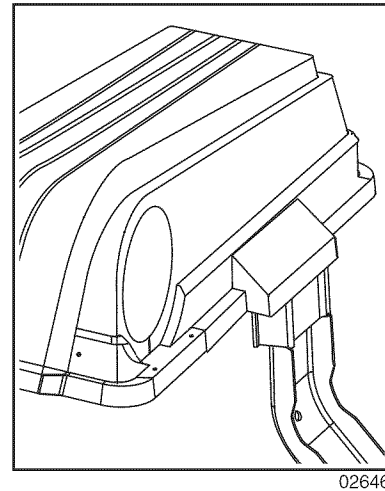
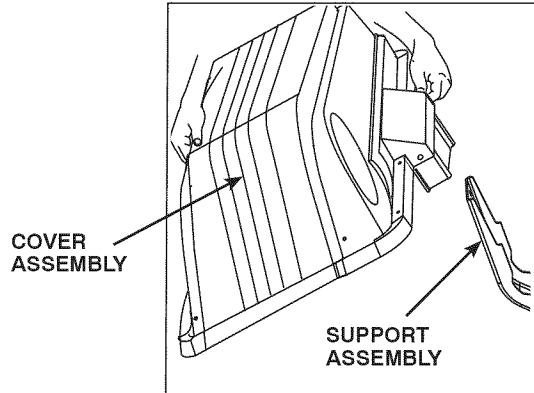
1. Pull outward on the stop bracket enough to allow support assembly to be lifted up and away from drawbar.



## 2 MOUNTING COVER ASSEMBLY TO SUPPORT ASSEMBLY (See Fig. 2)

**NOTE:** For ease of assembly, you may wish to obtain the assistance of another person for mounting cover assembly to tractor.

1. Lift cover and align cover bracket with support assembly.
2. Slide cover assembly down onto the support assembly.



### 3 CONTAINER ASSEMBLY (See Fig. 3)

1. Place bottom half inside of top half, as shown.
2. Place one foot inside bottom half and lift top half to meet bottom half.
3. Press halves tightly together while lifting top to lock into place as shown.

**IMPORTANT:** BEFORE LOCKING THE TABS, HOOKED EDGES ON BOTH HALVES MUST OVERLAP TO FORM SEAL AS SHOWN IN INSET.

4. Repeat for other containers.

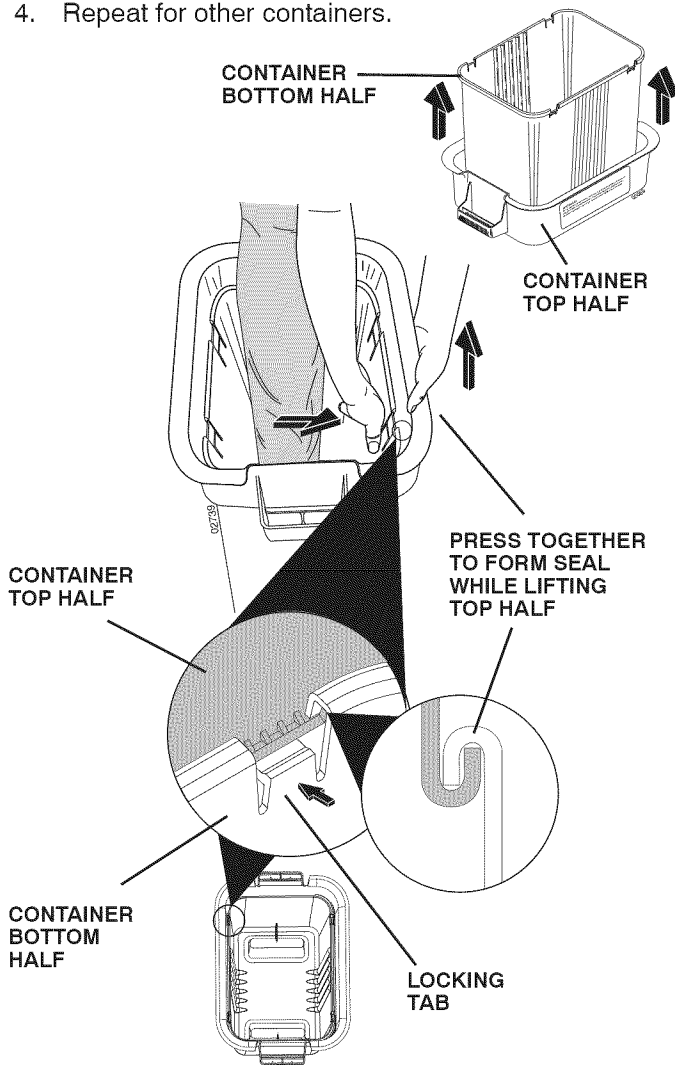
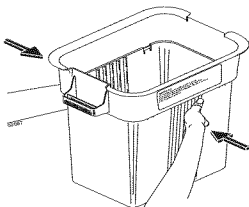


FIG. 3

**ASSEMBLY CHECK:** Squeeze sides of lower half of container and check that there is no gap between upper and lower halves. If a gap appears, unlock tabs to separate container halves and repeat instructions above.



### 4 CONTAINER MOUNTING (See Fig. 4)

1. Install one container to left side first with warning to outside of unit. Install other container to right side.

**NOTE:** Left edge of right container should always overlap right edge of left container at center support.

2. Close cover and lock latch handle over center support tube.

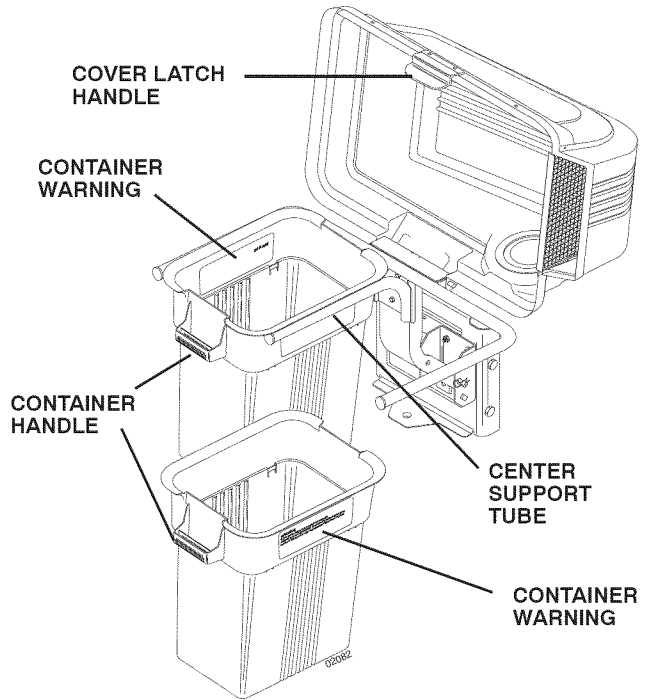



FIG. 4

# 5 LOWER CHUTE - MOWER WITH MOUNTING TAB (See Fig. 5A)

1. Raise and hold deflector shield in upright position.
  2. Place slot in lower chute over mounting tab on mower and position lower chute over mower opening as shown.
  3. Hook rear latch into flange hole on back of mower.
  4. Hook front latch into tab hole on front of mower.
- If your tractor is equipped with gauge wheels on the mower, then it will be necessary to hook the rear latch into the hole in the R.H. gauge wheel bracket.

 **CAUTION: Do not remove deflector shield from mower. Raise and hold shield when attaching lower chute and allow it to rest on chute while in operation.**

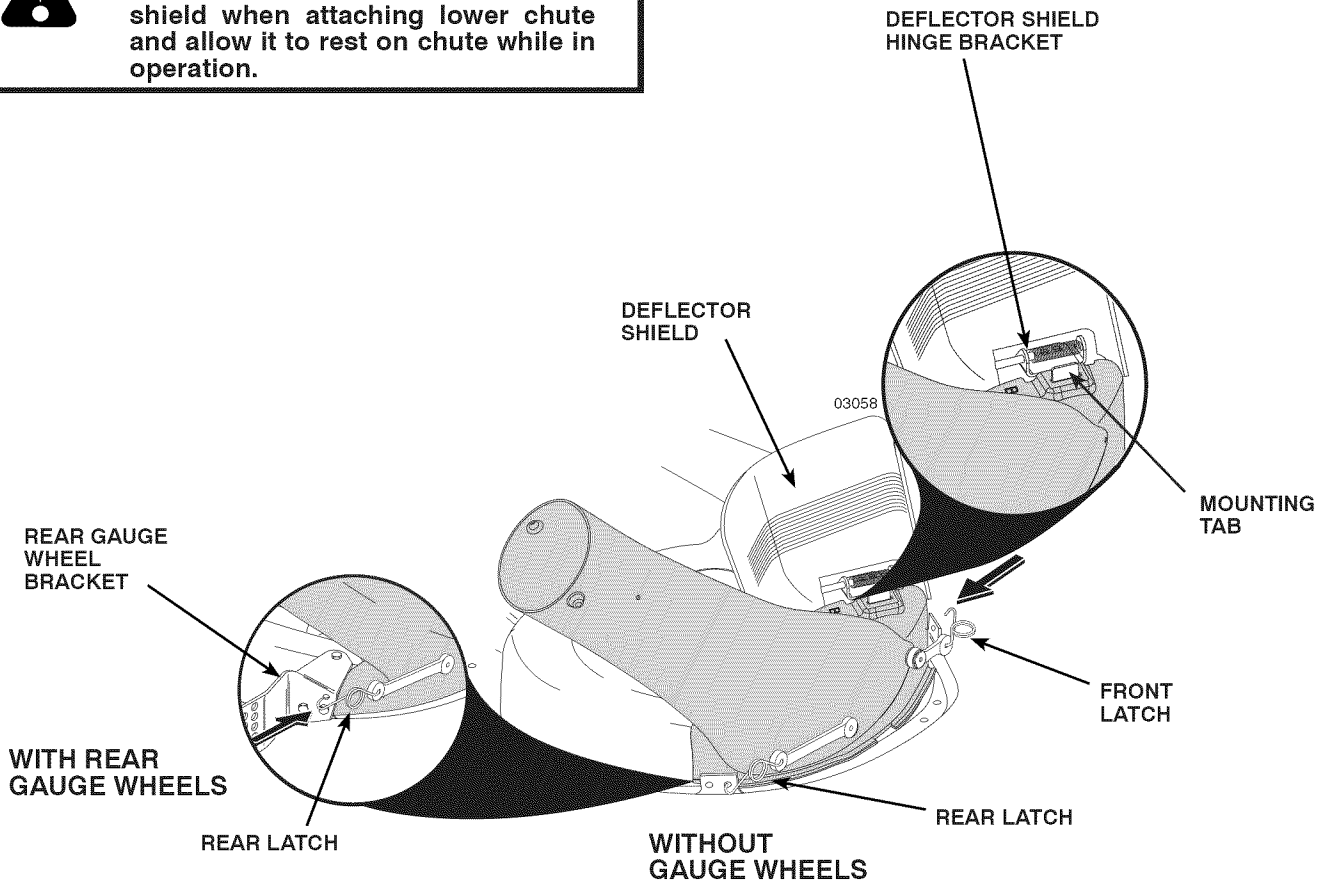


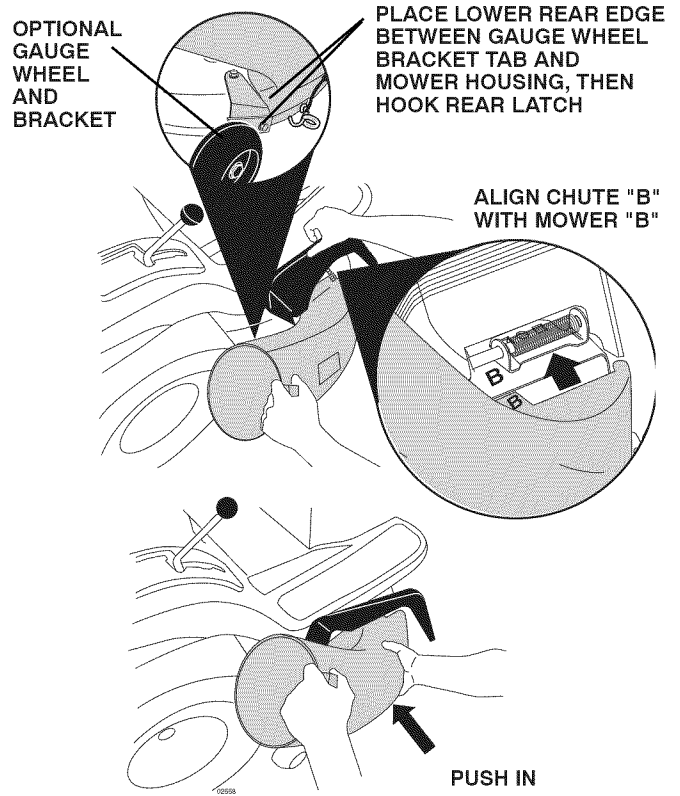
FIG. 5A

# 5 LOWER CHUTE - MOWER WITHOUT MOUNTING TAB (See Fig. 5B)

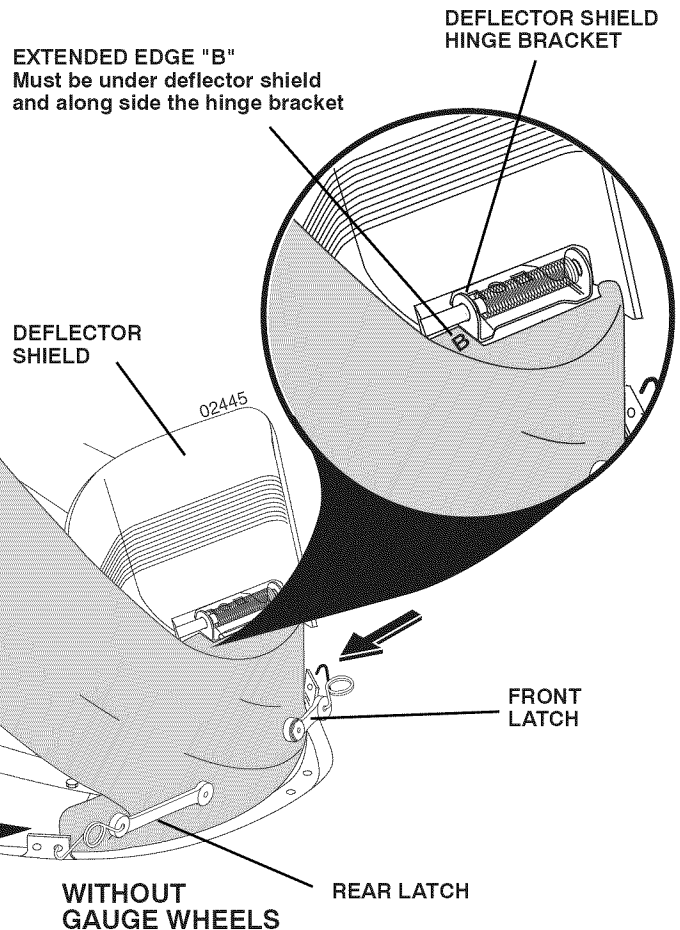
1. Lower mower to its lowest cutting position.
2. **NOTE:** If equipped, remove mulch cover from mower and store in a safe place.
3. With your right hand, raise and hold deflector shield in upright position.
4. With your left hand, hold lower chute as shown and position lower rear edge of chute between gauge wheel bracket tab and mower housing, then carefully release deflector shield and hook rear latch to mower.
5. Raise deflector shield and align "B" on lower chute extended edge with "B" on mower housing.
6. With your right hand, push firmly on the lower chute until the extended edge slides under the deflector shield and along side the hinge bracket as shown.

**NOTE:** While hooking the latches, the deflector shield may try to push the chute away from the mower opening. It is important to hold the chute in position while hooking the latches to the mower.

- If your tractor is equipped with gauge wheels on the mower, then it will be necessary to hook the rear latch into the hole in the R.H. gauge wheel bracket.



**CAUTION:** Do not remove discharge guard from mower. Raise and hold guard when attaching lower chute and allow it to rest on chute while in operation.





## 6 UPPER CHUTE (See Figs. 6A & 6B) No hardware required

1. Lower mower to its lowest cutting position.
2. Assemble upper chute by inserting curved end into hole in back of cover.

**NOTE:** Handle carefully so as not to damage full bag indicator.

3. Push in and turn upper chute until it is in line with lower chute.
4. Align the bosses on lower chute with alignment slots on upper chute and slide together.
5. Secure with rubber latch by hooking hole in latch over latch pin.

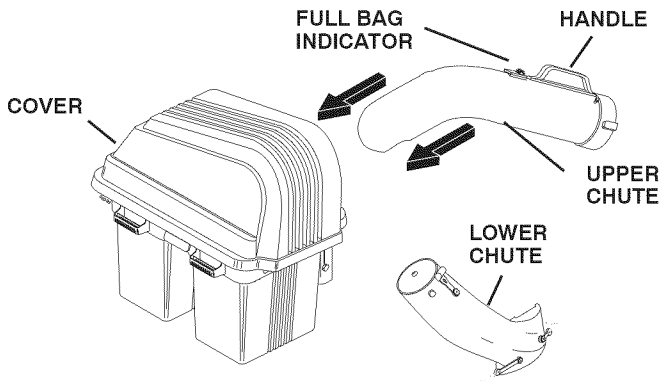


FIG. 6A

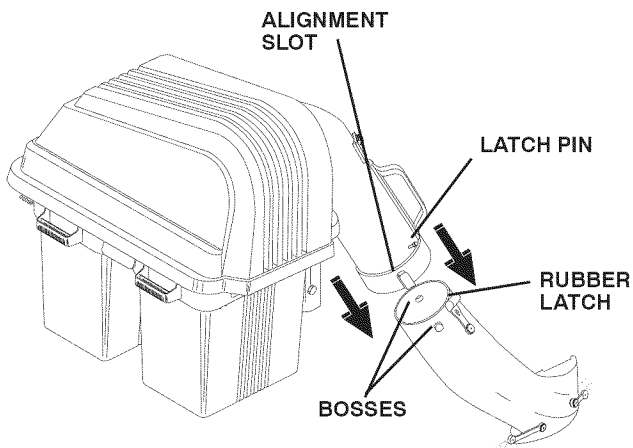


FIG. 6B

## 7 LEVEL MOWER DECK No hardware required

Be sure mower is properly leveled for best mower performance. See your tractor's owner's manual for instructions.

# OPERATION

## TIPS FOR IMPROVED BAGGING

### OPERATION:

Follow the mower operation instructions in your tractor owner's manual.

When operating your grass catcher on a lawn where grass and leaf bagging equipment has not been used, you are picking up thatch and debris that has accumulated for long periods of time. The amount collected and the total time of operation may be greater than you will experience with regular use of your grass catcher.

- Always run throttle at full speed when bagging.
- Select a gear low enough to give good mower cutting performance, good quality cut and good bagging performance.

**NOTE:** It may be necessary to overlap width of cut to suit your conditions.

- If grass is extremely tall, it should be mowed twice. The first time relatively high, the second time to desired height.
- Use left hand side of mower for trimming.
- Plastic trash bags can be inserted inside grass catcher containers for ease of debris disposal. To remove the plastic trash bags when full:
  - a. Disengage blades, shift into neutral, engage the parking brake and stop the engine.
  - b. Raise seat. Unlatch and raise cover.
  - c. Remove one container at a time by grasping container handles and pulling toward the rear, off of the tube rails.
  - d. With the container resting on the ground, close and secure the top of the plastic lawn bag.
  - e. Tip the container on its side and slide the filled bag from the container.
  - f. Install a new plastic lawn bag with the edges of the bag draped over upper lip of the container.
  - g. Repeat for other containers.
  - h. Reinstall containers making sure right container overlaps left container at center supports.
  - j. Close cover and secure latches over center support tubes.

- Avoid cutting wet grass or in the morning while the dew is still heavy. Grass clippings collected under these conditions tend to be sticky and adhere to the walls of the flow path causing clogging.
- Your bagger is equipped with a full bagger indicator. Movement of the wheel increases as the bags fill. The wheel will be spinning fastest just before the bags fill completely. When the wheel stops, it indicates that the bags are full and the chutes have become clogged.

**NOTE:** To help prevent clogging of chutes, check/empty bags when the wheel is spinning fast. Experience will teach you the best time to empty the bags.

- Care should be taken not to damage the parts and that the wheel spins freely at the beginning of each use.
- If the grass catcher fails to pick up cut grass or leaves, it is an indication that clogging has occurred in the system or that the grass catcher containers are full. Usually this is indicated by the stopped movement of the full bagger indicator.
    - a. Disengage blades, shift into neutral, engage the parking brake and stop the engine.
      - Raise seat. Unlatch and raise cover.
      - Slide out containers and dispose of clippings .
      - Replace containers, close cover, and latch.
    - b. Unlatch chutes and check for clogging.
      - Remove all debris in chutes.
      - Reassemble and latch chutes
    - c. Check to insure full bagger indicator has not become clogged.
      - The air passage hole must be clear of debris. Gently insert a small twig or wire into passageway to clear.



### CAUTION

- **Do not operate mower with grass catcher partially installed.**
- **Disengage blades and stop engine before leaving tractor seat to empty containers, unclogging chutes, etc.**
- **Close cover before starting.**
- **Disengage mower when crossing driveways or gravel surfaces and other areas where thrown objects could be a hazard.**
- **Do not attempt to vacuum up cans or other potentially hazardous projectiles.**

# MAINTENANCE

## GENERAL RECOMMENDATIONS

Always observe safety rules when performing any maintenance.

- Before each use check for loose fasteners.
- Clean unit thoroughly after each use.

## BLADE CARE

For best results mower blades must be kept sharp. Replace bent or damaged blades.

- See BLADE CARE instructions in your tractor owner's manual.

## STORAGE

When grass catcher is to be stored for a period of time, clean it thoroughly, remove all dirt, grass, leaves, etc. Store in a clean, dry place.



**CAUTION: Do not leave grass in bagger containers. Empty containers after each use and before storing. Failure to do so may result in spontaneous combustion which could develop into a fire.**



**CAUTION: BEFORE PERFORMING ANY MAINTENANCE, SERVICE OR ADJUSTMENTS:**

- Depress clutch brake pedal fully and set parking brake.
- Place gearshift/motion control lever in "NEUTRAL" position.
- Place clutch control in "DISENGAGED" position.
- Turn ignition key to "OFF" position.
- Make sure blades and all moving parts have completely stopped.
- Disconnect spark plug wire(s) from spark plug(s) and place wire where it cannot come in contact with plug.



**CAUTION: Grass catcher components are subject to wear, damage and deterioration, which could expose moving parts or allow objects to be thrown. Frequently check components and replace with manufacturer's recommended parts, when necessary.**

## One Year Full Warranty on Craftsman Grass Catcher

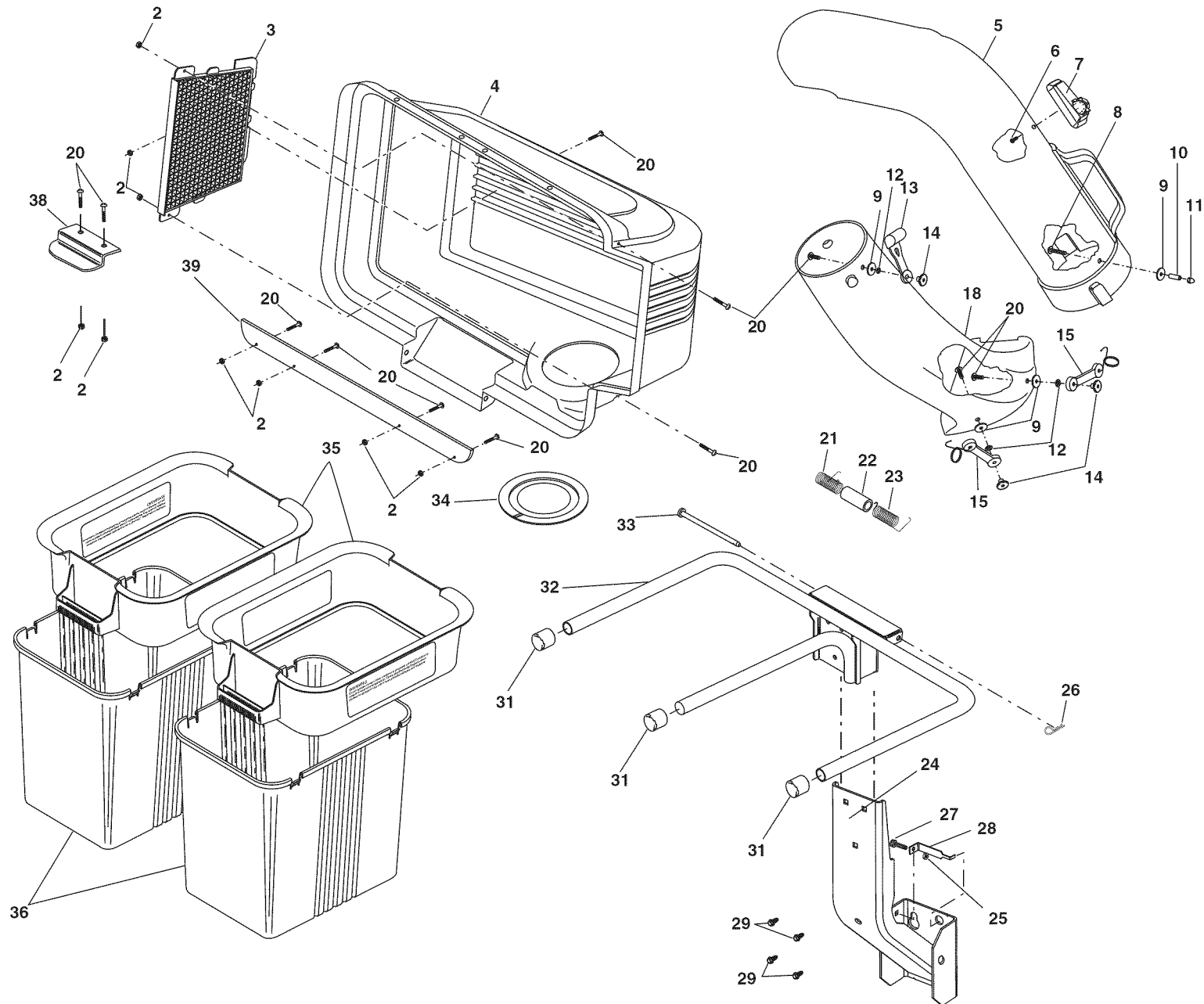
When assembled, used and maintained according to the owner's manual instructions, if this grass catcher fails due to a defect in material or workmanship within one year from the date of purchase, RETURN IT TO ANY SEARS STORE OR SEARS PARTS & REPAIR CENTER OR OTHER CRAFTSMAN OUTLET IN THE UNITED STATES FOR FREE REPAIR (or replacement if repair proves impossible).

- This warranty does not include the bagging blades, which are expendable parts.
- This warranty is void if this grass catcher is used for commercial or rental purpose.
- This warranty applies only while this product is used in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., Hoffman Estates, IL. 60179

# GRASS CATCHER- - MODEL NUMBER 917.249050



## GRASS CATCHER- - MODEL NUMBER 917.249050

KEY NO.	PART NO.	DESCRIPTION
2	69180	Nut, Crownlock #10-24
3	127533	Screen, Cover
4	171061	CoverAsm. (Incl. 3,38,39)
5	411397	Chute, Upper
6	18021008	Screw, Special #10-14 x 1/2
7	130933	Full Bagger Indicator
8	87175	Screw, #10-24 x 1-1/8
9	19061216	Washer 3/16 x 3/4 x 16 Ga.
10	7206J	Spacer, Split
11	60867	Nut, Acorn #10-24
12	10071000	Washer, lock
13	109808X	Latch, Chute
14	2029J	Nut, Weld
15	160493	Latch, Hook
18	405455	Chute, Lower
20	71161010	Screw #10-24 x 5/8
21	132796	Spring, Cover L.H. (black)
22	133235	Spacer, Cover
23	132983	Spring, Cover R.H. (gray)

KEY NO.	PART NO.	DESCRIPTION
24	180923	Support Assembly
25	73800400	Locknut
26	4939M	Spring, Retainer
27	72140405	Bolt
28	179745	Bracket, Stop
29	170165	Shoulder Bolt
31	174083	Plug, Tubing End
32	179746	Bagger, Frame
33	192786	Pin, Hinge
34	127534	Gasket, Cover
35	183286	Container, Top
36	129586	Container, Bottom
38	130895	Latch Handle, Cover
39	155042X431	Strip, Reinforcement
—	417500	Owner's Manual

**NOTE:** All component dimensions given in U.S. inches  
1 inch = 25.4 mm

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# SERVICE NOTES

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# SERVICE NOTES

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