

# Operator's Manual

## Triple Bagger Kit

Models 190-190-100 & 190-192-190

### **IMPORTANT:** Read safety rules and instructions carefully

**Warning:** This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer or contact the service department, P.O. Box 361131 Cleveland, Ohio 44136-0019.

**MTD LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019**

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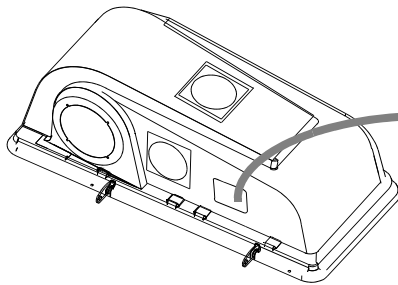
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## FINDING MODEL NUMBER

This Operator's Manual is an important part of your new Triple Bagger Accessory. It will help you assemble, prepare and maintain the unit for best performance. Please read and understand what it says.



**Before you start assembling your new equipment,** please locate the model plate on the equipment and copy the information from it in the space provided below. A sample model plate and location is also given below. From the operator's position, locate the model plate in the front, left portion of the plastic grass catcher cover. This information will be necessary to use the manufacturer's web site and/or seek help from Customer Support Department or service dealer.



Copy the model number here: \_\_\_\_\_

Copy the serial number here: \_\_\_\_\_

## CUSTOMER SUPPORT

**Please do NOT return the unit to the retailer from where it was purchased, without first contacting Customer Support.**

If you have difficulty assembling this product or have any questions regarding the controls, operation or maintenance of this unit, you can seek help from the experts. Choose from the options below:

	<p>Visit <b>mtdproducts.com</b> for many useful suggestions. Click on Customer Support button and you will get the four options reproduced here. Click on the appropriate button and help is immediately available.</p> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 20px;"> <div style="width: 30%; text-align: center;"> <p><i>The answer you are looking for could be just a mouse click away!</i></p> </div> <div style="width: 35%; border: 1px solid black; padding: 5px; margin: 0 auto;"> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <p><b>Find Answers</b> Click here to search our knowledge base. Search by product, keyword, or phrase.</p> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <p><b>My Stuff</b> Login to check the status of your questions, modify your inquiries, or update your personal profile.</p> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <p><b>Service Locator</b> Need local assistance? Click here to find authorized service centers in your area.</p> </div> <div style="padding-bottom: 5px;"> <p><b>Manuals Online</b> Need a manual and/or parts list? Download literature from recent model years.</p> </div> </div> <div style="width: 30%; text-align: center;"> <p><i>The answer you are looking for could be just a mouse click away!</i></p> </div> </div>
	<p>If you prefer to reach a Customer Support Representative, please call <b>1-800-800-7310</b>.</p>

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## SECTION 1: IMPORTANT SAFE OPERATION PRACTICES



**WARNING:** This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury. When you see this symbol—heed its warning.



**WARNING:** The Battery and Engine Exhaust contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The battery and posts contain lead; wash hands after handling.



**WARNING:** This machine was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. This 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.

### General Operation

1. Read, understand, and follow all instructions on the machine and in the manual(s) before attempting to assemble and operate. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. Be familiar with all controls and their proper operation. Know how to stop the machine and disengage them quickly.
3. Never allow children under 14 years old to operate this machine. Children 14 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent. Never allow adults to operate this machine without proper instruction.
4. To help avoid blade contact or a thrown object injury, keep bystanders, helpers, children and pets at least 75 feet from the machine while it is in operation. Stop machine if anyone enters the area.
5. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones, toys, and other foreign objects which could be picked up and thrown by the blade(s). Thrown objects can cause serious personal injury.
6. Plan your mowing pattern to avoid discharge of material toward roads, sidewalks, bystanders and the like. Also, avoid discharging material against a wall or obstruction which may cause discharged material to ricochet back toward the operator.
7. Always wear safety glasses or safety goggles during operation and while performing an adjustment or repair to protect your eyes. Thrown objects which ricochet can cause serious injury to the eyes.
8. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Loose fitting clothes and jewelry can be caught in movable parts. Never operate this machine in bare feet or sandals.
9. Be aware of the mower and attachment discharge direction and do not point it at anyone. Do not operate the mower without the discharge cover or entire grass catcher in its proper place.
10. Do not put hands or feet near rotating parts or under the cutting deck. Contact with the blade(s) can amputate hands and feet.
11. A missing or damaged discharge cover can cause blade contact or thrown object injuries.
12. Stop the blade(s) when crossing gravel drives, walks, or roads and while not cutting grass.
13. Watch for traffic when operating near or crossing roadways. This machine is not intended for use on any public roadway.
14. Do not operate the machine while under the influence of alcohol or drugs.
15. Mow only in daylight or good artificial light.
16. Never carry passengers.
17. Disengage blade(s) before shifting into reverse. Back up slowly. Always look down and behind before and while backing to avoid a back-over accident.
18. Slow down before turning. Operate the machine smoothly. Avoid erratic operation and excessive speed.
19. Disengage blade(s), set parking brake, stop engine and wait until the blade(s) come to a complete stop before removing grass catcher, emptying grass, unclogging chute, removing any grass or debris, or making any adjustments.
20. Never leave a running machine unattended. Always turn off blade(s), place transmission in neutral, set parking brake, stop engine and remove key before dismounting.
21. Use extra care when loading or unloading the machine into a trailer or truck. This unit should not be driven up or down ramp(s), because the unit could tip over, causing serious personal injury. The unit must be pushed manually on ramp(s) to load or unload properly.
22. Muffler and engine become hot and can cause a burn. Do not touch.
23. Check overhead clearances carefully before driving under low tree branches, wires, door openings etc., where the operator may be struck or pulled from the unit, which could result in serious injury.
24. Disengage all attachment clutches, depress the brake pedal completely and shift into neutral before attempting to start engine.
25. Your machine is designed to cut normal residential grass of a height no more than 10". Do not attempt to mow through unusually tall, dry grass (e.g., pasture) or piles of dry leaves. Dry grass or leaves may contact the engine exhaust and/or build up on the mower deck presenting a potential fire hazard.

26. Use only accessories and attachments approved for this machine by the machine manufacturer. Read, understand and follow all instructions provided with the accessory or attachment.
27. Data indicates that operators, age 60 years and above, are involved in a large percentage of tractor-related injuries. These operators should evaluate their ability to operate the tractor safely enough to protect themselves and others from serious injury.
28. If situations occur which are not covered in this manual, use care and good judgment. Contact your Yard-Man dealer for assistance.

## Slope Operation

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

For your safety, use the slope gauge included as part of this manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15 degrees as shown on the slope gauge, do not operate this unit on that area.

### Do:

1. Mow up and down slopes, not across. Exercise extreme caution when changing direction on slopes.
2. Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.
3. Use slow speed. Choose a low enough speed setting so that you will not have to stop or shift while on the slope. Tires may lose traction on slopes even though the brakes are functioning properly. Always keep machine in gear when going down slopes to take advantage of engine braking action.
4. Follow the manufacturer's recommendations for wheel weights or counterweights to improve stability of the machine. Use extra care with grass catchers or other attachments. These can change stability of the machine.
5. Keep all movement on the slopes slow and gradual. Do not make sudden changes in speed or direction. Rapid engagement or braking could cause the front of the machine to lift and rapidly flip over backwards which could cause serious injury.
6. Avoid starting or stopping on a slope. If tires lose traction, disengage the blade(s) and proceed slowly straight down the slope.

### Do Not:

1. Do not turn on slopes unless necessary; then, turn slowly and gradually downhill, if possible.
2. Do not mow near drop-offs, ditches or embankments. The mower could suddenly turn over if a wheel is over the edge of a cliff, ditch, or if an edge caves in.
3. Do not try to stabilize the machine by putting your foot on the ground.
4. Do not use a grass catcher on steep slopes.
5. Do not mow on wet grass. Reduced traction could cause sliding.
6. Do not shift to neutral and coast downhill. Over-speeding may cause the operator to lose control of the machine resulting in serious injury or death.

7. Do not tow heavy pull behind attachments (e.g. loaded dump cart, lawn roller, etc.) on slopes greater than 5 degrees. When going down hill, the extra weight tends to push the tractor and may cause you to lose control. (e.g. tractor may speed up, braking and steering ability are reduced, attachment may jack-knife and cause tractor to overturn).

## Children

1. 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. They do not understand the dangers. Never assume that children will remain where you last saw them.
  - a. Keep children out of the mowing area and in watchful care of a responsible adult other than the operator.
  - b. Be alert and turn machine off if a child enters the area.
  - c. Before and while backing, look behind and down for small children.
  - d. Never carry children, even with the blade(s) shut off. They may fall off and be seriously injured or interfere with safe machine operation.
  - e. Use extreme care when approaching blind corners, doorways, shrubs, trees or other objects that may block your vision of a child who may run into the machine.
  - f. Disengage the cutting blade(s) before shifting in reverse. The "No-Cut-In Reverse" feature emphasizes not to cut in reverse and to avoid back-over accidents; do not defeat it.
  - g. Keep children away from hot or running engines. They can suffer burns from a hot muffler.
  - h. Remove key when machine is unattended to prevent unauthorized operation.
2. Never allow children under 14 years old to operate the machine. Children 14 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent.

## Towing

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

## Service

### Safe Handling Of Gasoline

1. To avoid personal injury or property damage use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive. Serious personal injury can occur when gasoline is spilled on yourself or your clothes which can ignite. Wash your skin and change clothes immediately.

- a. Use only an approved gasoline container.
  - b. Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.
  - c. When practical, remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment on a trailer with a portable container, rather than from a gasoline dispenser nozzle.
  - d. 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.
  - e. Extinguish all cigarettes, cigars, pipes and other sources of ignition.
  - f. Never fuel machine indoors.
  - g. Never remove gas cap or add fuel while the engine is hot or running. Allow engine to cool at least two minutes before refueling.
  - h. Never over fill fuel tank. Fill tank to no more than ½ inch below bottom of filler neck to allow space for fuel expansion.
  - i. Replace gasoline cap and tighten securely.
  - j. If gasoline is spilled, wipe it off the engine and equipment. Move unit to another area. Wait 5 minutes before starting the engine.
  - k. To reduce fire hazards, keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel soaked debris.
  - l. Never store the machine or fuel container inside where there is an open flame, spark or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.
  - m. Allow a machine to cool at least 5 minutes before storing.
3. Periodically check to make sure the blades come to complete stop within approximately (5) five seconds after operating the blade disengagement control. If the blades do not stop within the this time frame, your unit should be serviced professionally by an authorized dealer.
  4. Check brake operation frequently as it is subjected to wear during normal operation. Adjust and service as required.
  5. Check the blade(s) and engine mounting bolts at frequent intervals for proper tightness. Also, visually inspect blade(s) for damage (e.g., excessive wear, bent, cracked).  
Replace the blade(s) with the original equipment manufacturer's (O.E.M.) blade(s) only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
  6. Mower blades are sharp. Wrap the blade or wear gloves, and use extra caution when servicing them.
  7. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
  8. Never tamper with the safety interlock system or other safety devices. Check their proper operation regularly.
  9. After striking a foreign object, stop the engine, disconnect the spark plug wire(s) and ground against the engine. Thoroughly inspect the machine for any damage. Repair the damage before starting and operating.
  10. Never attempt to make adjustments or repairs to the machine while the engine is running.
  11. Grass catcher components and the discharge cover are subject to wear and damage which could expose moving parts or allow objects to be thrown. For safety protection, frequently check components and replace immediately with original equipment manufacturer's (O.E.M.) parts only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
  12. Do not change the engine governor settings or over-speed the engine. The governor controls the maximum safe operating speed of the engine.
  13. Maintain or replace safety and instruction labels, as necessary.
  14. Observe proper disposal laws and regulations for gas, oil, etc. to protect the environment.

### General Service

1. Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless, and deadly gas.
2. Before cleaning, repairing, or inspecting, make certain the blade(s) and all moving parts have stopped. Disconnect the spark plug wire and ground against the engine to prevent unintended starting.

## Your Responsibility

Restrict the use of this accessory and the tractor to persons who read, understand and follow the warnings and instructions in this manual and on the machine.

**NOTE:** *Model 190 Triple Bagger Kit is designed for use on Fast Attach™ compatible tractors equipped with 50-inch cutting deck only. This will NOT mount, nor operate safely or properly on any other tractor regardless of the tractor's compatibility with similar accessories.*

## SECTION 2: LOOSE PARTS

The grass catcher kit is shipped with following loose parts in the carton. Please remove all loose parts, including the hardware pack, from the carton before discarding it. Compare with Figure 1 to check that all parts were included. Note that the kit and the hardware pack contain extra items which are not used on your unit.

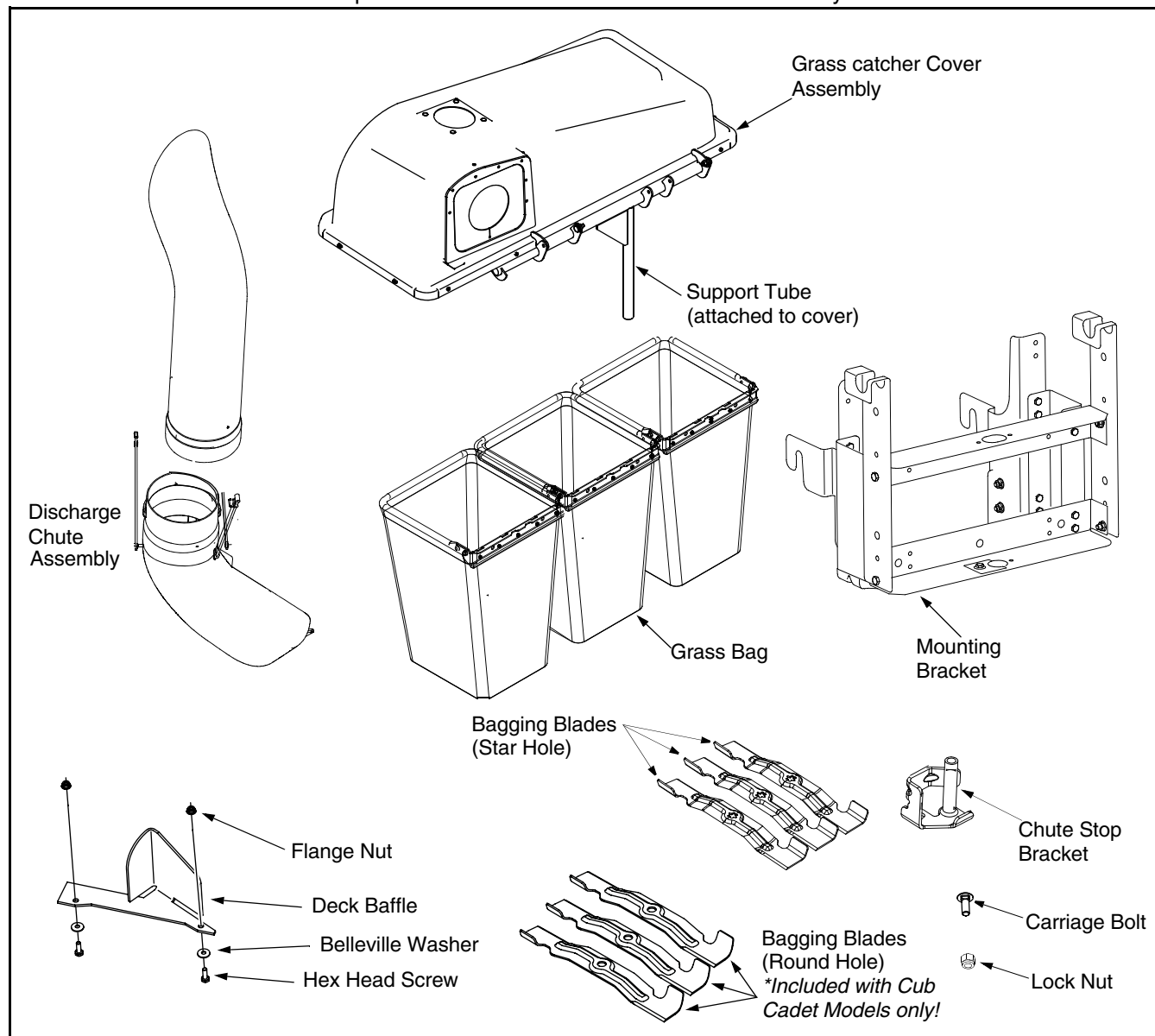


Figure 1

## SECTION 3: ASSEMBLY & OPERATION

**NOTE:** References to left, right, front and rear of the tractor are from the operator's position, unless otherwise stated.

- **Before** assembly, place the tractor on a firm, level surface, disengage the PTO, stop the tractor engine and set the parking brake.
- For convenience, pivot the seat forward and leave it in that position until the grass collector is fully mounted and assembled.

### Mounting Bracket Assembly

- Remove the hairpin clip and clevis pin from the rear of the mounting bracket assembly.
- Position the hooked ends of the bracket assembly to the outside of the hitch plate and over the shoulder bolts. See Figure 2.

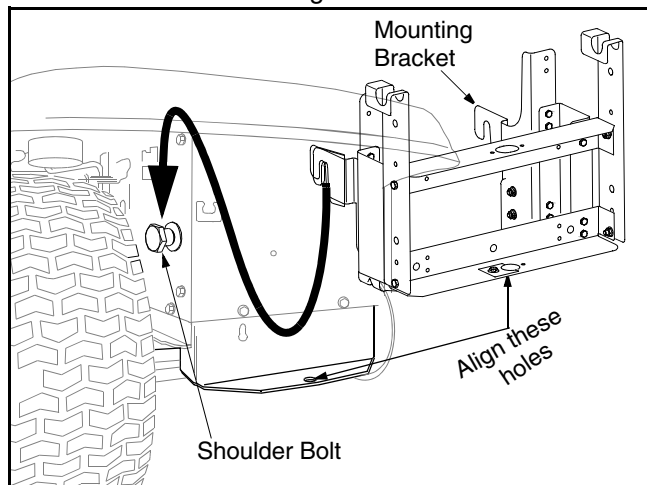


Figure 2

- Reinsert the clevis pin through the aligned holes (Figure 2) in both the bracket assembly and the hitch plate and secure with the hairpin clip.

**IMPORTANT:** There are two holes in the clevis pin. Be sure to insert the hairpin clip in the **upper** hole to properly secure the bracket assembly to the hitch plate.

### Attaching Grass Catcher Cover and Bags

- Place the grass catcher cover assembly's support tube in position on the rear of unit by sliding the support tube down through the center hole in the mounting bracket assembly. See Figure 3.

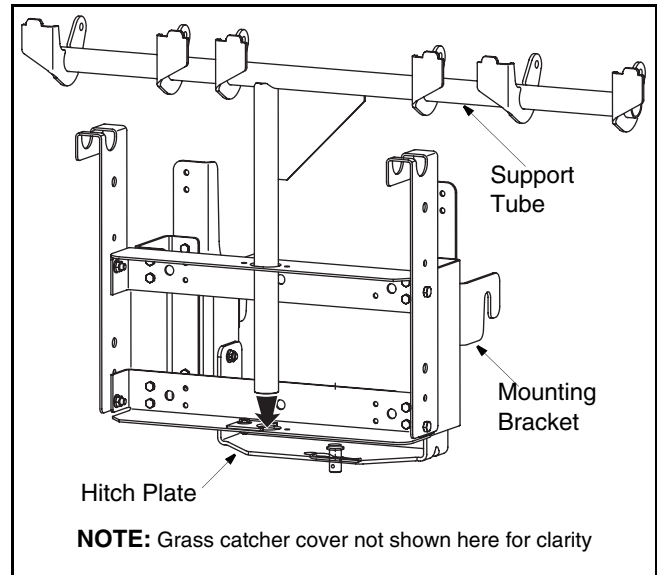


Figure 3

- Attach the grass bags using the slots shown in Figure 4. Close the grass catcher cover.

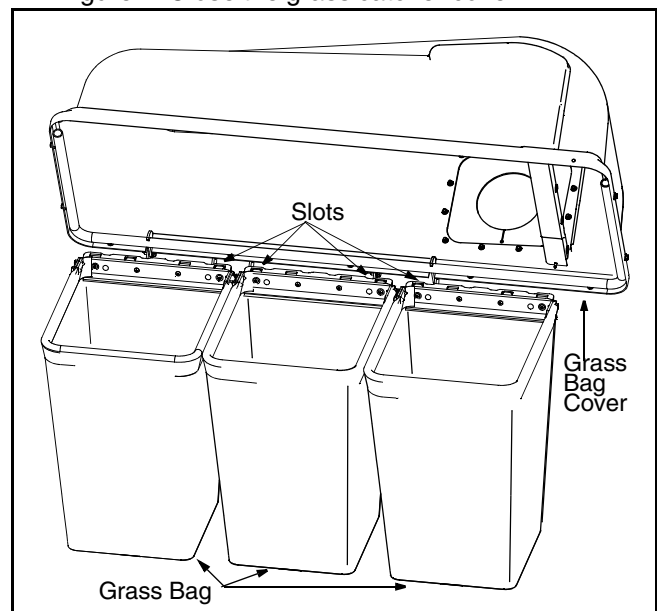


Figure 4

## Attaching Blades



**WARNING:** Always protect your hands while servicing blades by wearing heavy work gloves or using heavy rags.

**NOTE:** Three bagging blades with a star mounting hole are included in the grass catcher kit. These will replace the blades already installed on the deck of the tractor. Blades with a round mounting hole will be included with all Cub Cadet kits and are for use with select Cub Cadet mowers.

Remove the cutting deck from beneath the tractor (refer to instructions for **Deck Removal** in your tractor's operator's manual), then gently flip the deck over to expose its underside.

- Place a block of wood between the center deck housing baffle and the cutting blade to act as a stabilizer. See Figure 5.
- Use a 1-1/8" wrench to remove the hex flange nut that secures the blade to the outer blade spindle assembly. See Figure 5.

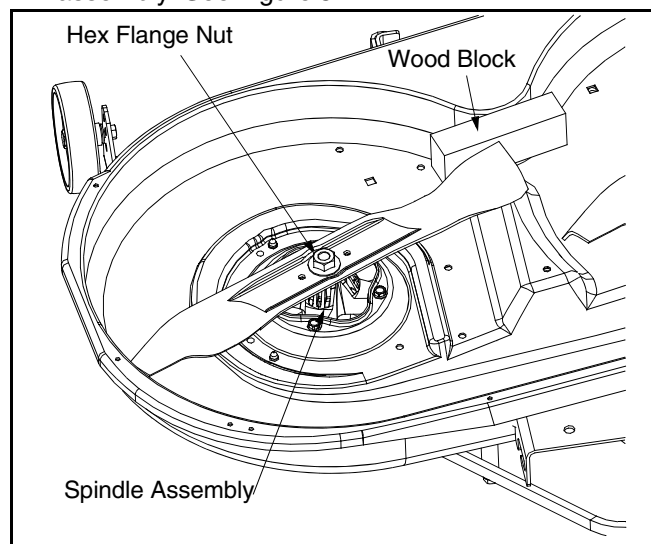


Figure 5



**WARNING:** The hex flange nut has a right-handed thread pattern. Do **not** attempt to force the nut in an incorrect direction; it may damage the nut and create a safety hazard.

- Place a new blade on top of the **outer** blade spindle so that side of the blade with part number faces the ground when the mower is in the operating position.
- Secure with the hex flange nut removed earlier. Use a torque wrench to tighten the hex flange nut between **70 to 90 foot-pounds**.
- Replace blades from the other outer and center blade spindles with the blades from the bagger kit.

**NOTE:** Save the three blades you just removed to use as replacements or to reinstall on the blade spindles when not using the bagger kit

- Remount the cutting deck following instructions in the owner's manual of the tractor.

## Install Deck Baffle

- Remove two of the self-tapping deck screws on the front right side of your deck. See Figure 6.
- Install the front deck baffle using two hex nuts, belleville washers and hex bolts supplied in this bagger kit.

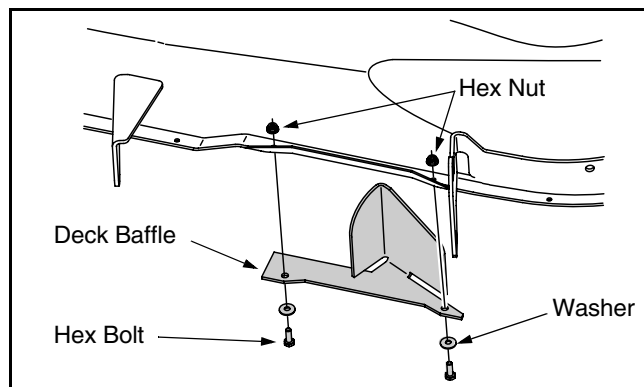


Figure 6

## Attaching Chute Stop Bracket

- Remove the carriage bolt and lock nut holding the chute stop to the deck. See Inset A of Figure 7. Save the hardware.
- Replace with new chute stop bracket, from the bagger kit, at the same position on the deck. See Inset B of Figure 7. Secure with the hardware removed earlier.

**NOTE:** An extra set of carriage bolt and lock nut have been supplied in your accessory kit. You may replace the old hardware for the chute stop bracket with these new ones, or save for later use.

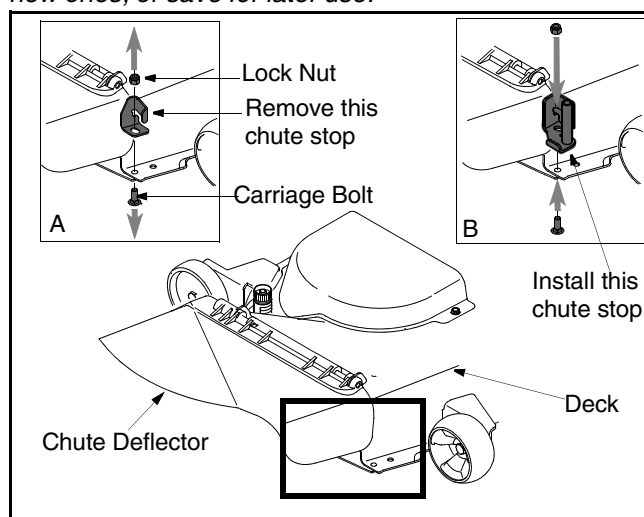


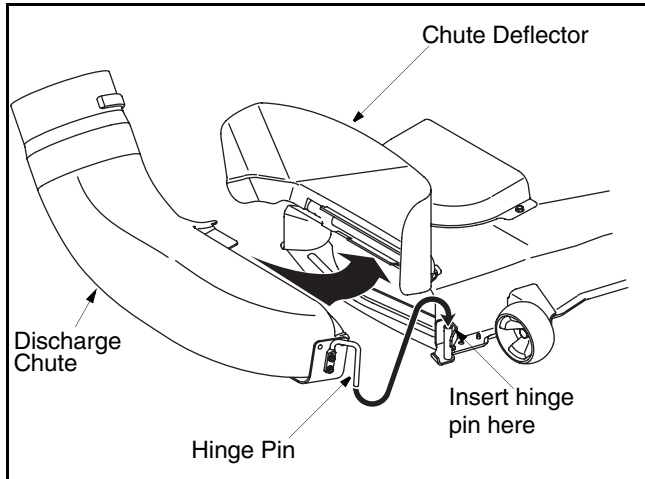
Figure 7

**NOTE:** This chute stop bracket may stay on the unit even when the bagger is not being used.



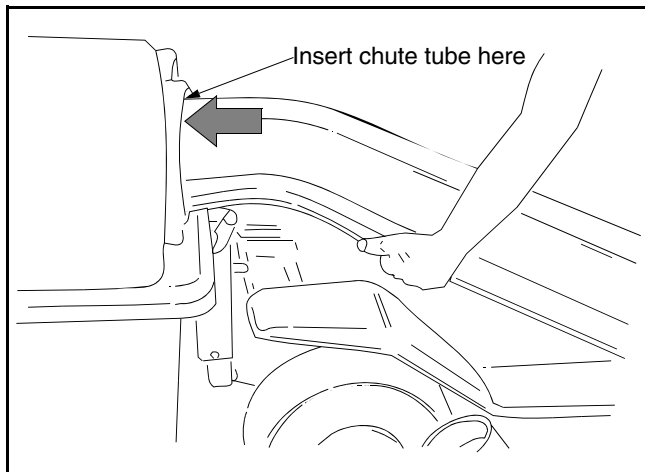
## Attaching Discharge Chute

- Raise the deck to its highest position.
- Raise the chute deflector on the deck and hold it while you position the discharge chute over the chute opening.
- Insert the hinge pin of the discharge chute into the tube on the chute stop bracket. See Figure 8.
- Rotate the chute around the deck so that its front edge fits snugly into the deck opening. Lower the chute deflector slowly.

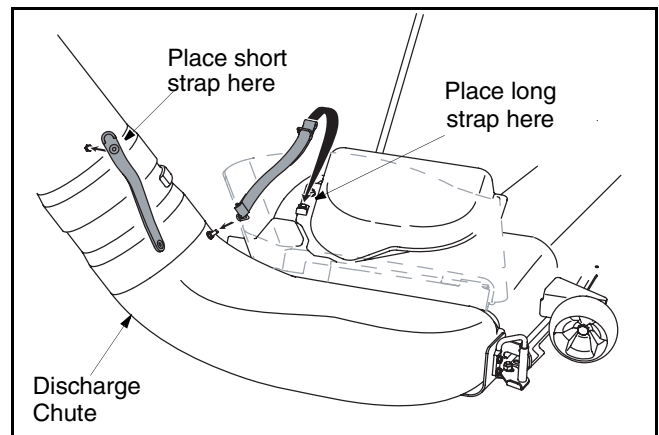


**Figure 8**

- Attach the longer of the three retainer straps on the discharge chute to the retainer clip on the deck. Refer to Figure 10.
- Insert the curved end of chute tube into the hole in the grass bag cover as shown in Figure 9.



**Figure 9**



**Figure 10**

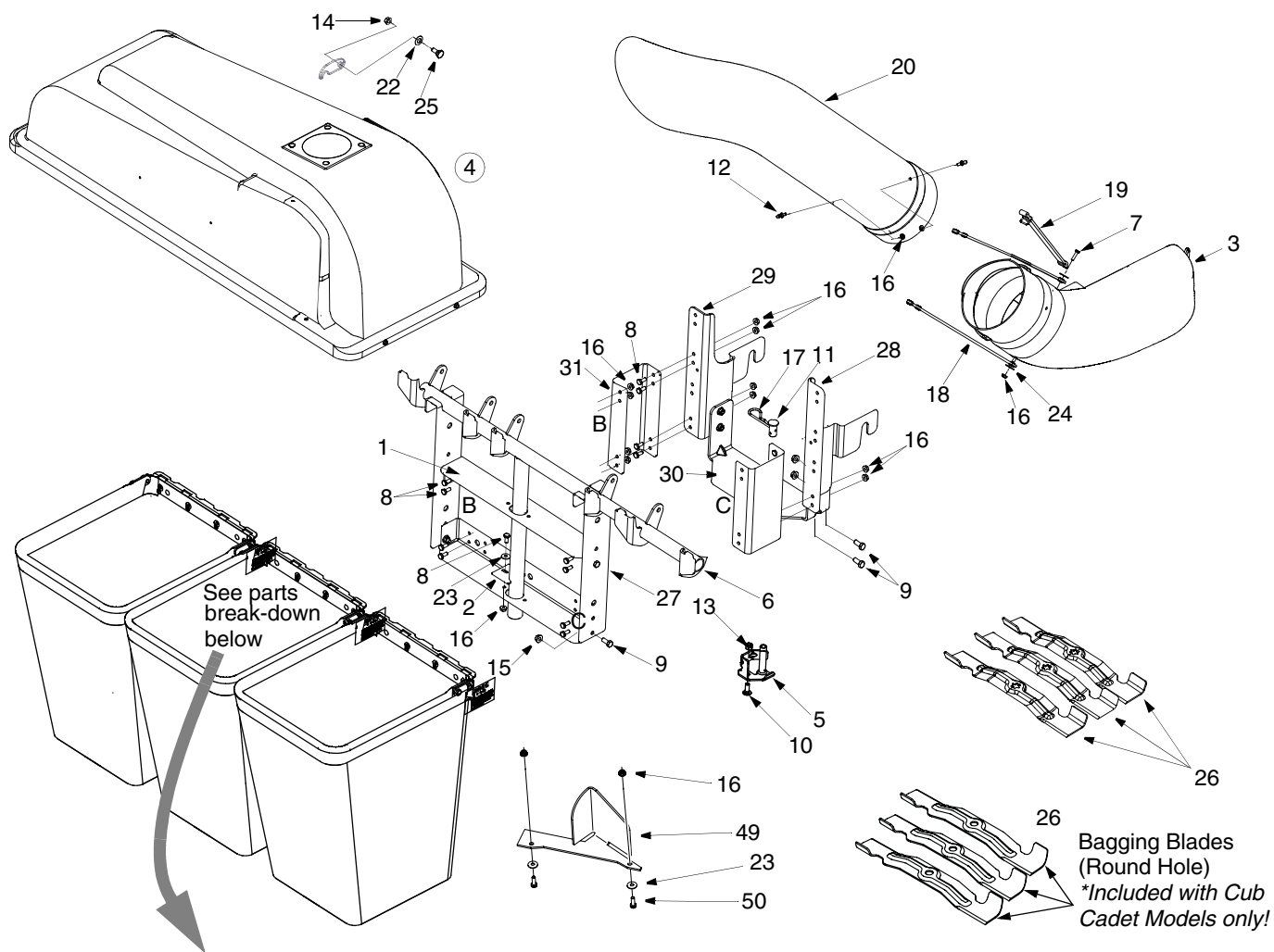
- Insert the lower end of the chute tube over the discharge chute so that its two notches fit into the two corresponding notches on the discharge chute. See Figure 10.
- Secure by placing the ends of the two short retainer straps on the discharge chute over the pins on the chute tube. See Figure 10.

## Operation

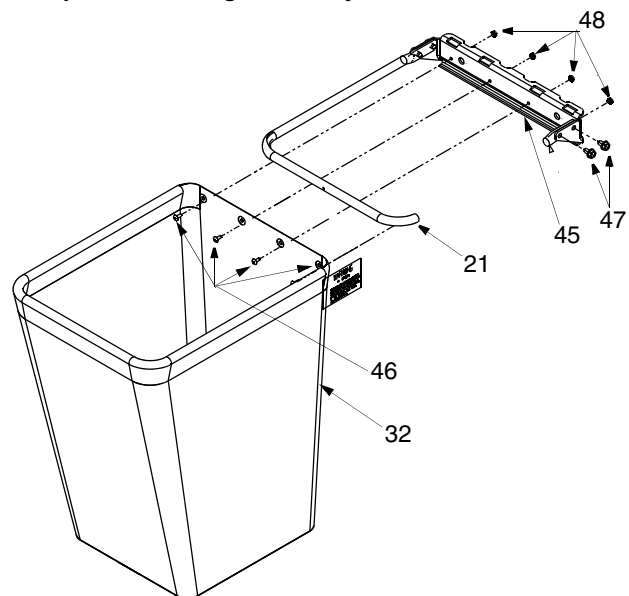
Your triple bagger kit is a valuable accessory to your tractor. Optimize its performance by operating correctly. Do not try to fit it to tractors other than those specified on page 5.

- Open the grass bag cover by lifting the cover up. Do not remove the chute tube assembly from the tractor.
- Remove the grass bags by lifting up and moving the bags away from the support tube assembly.
- To empty the grass clippings at a proper disposal sight, use the handle at the bottom of each grass bag. Holding the bag firmly, empty the contents.
- Under normal usage, the grass bags are subject to wear and tear. Check these bags periodically and wash with water if dirty. Allow to air-dry; do not apply heat.

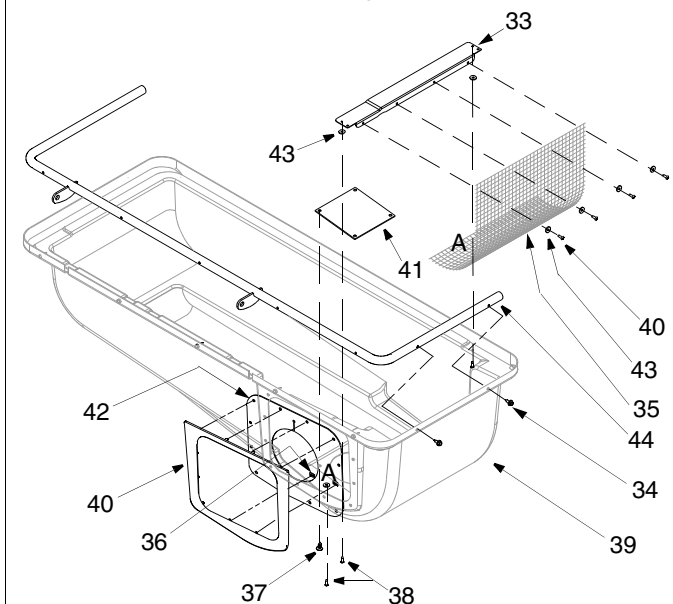
# SECTION 1: PARTS LIST FOR MODELS 190-190-100 & 190-192-190



**Components of Bag Assembly:**



**Components of Cover Assembly PN # 664-04018:**



## Model 190-190-100 & 190-192-190

Ref. No.	Part No.	Description
1.	17200A	Catcher Support Bracket
2.	17247	Tubing Adapter
3.	631-0221A	Chute Elbow
4.	664-04018	Cover Assembly (includes ref. 35 to 46)
5.	683-0617	Bracket Assembly: Chute Stop
6.	689-00002	Grass catcher Support Assembly
7.	710-0597	Hex Bolt 1/4-20 x 1.0
8.	710-0751	Hex Bolt 1/4-20 x 0.620
9.	710-3008	Hex Bolt 5/16-18 x 0.75
10.	710-3168	Carriage Bolt
11.	711-0309A	Clevis Pin
12.	711-04069	Grass catcher Pin
13.	712-0130	Hex Lock Nut 3/8-16
14.	712-0431	Flange Lock Nut 3/8-16
15.	712-3004A	Flange Lock Nut 5/16-18
16.	712-04064	Flange Lock Nut 1/4-20
17.	714-0117	Hairpin Clip
18.	723-04008A	Chute Strap
19.	723-0476	Chute Strap
20.	731-0926B	Catcher Tube
21.	749-0745A	Tube: Grass Bag Frame
22.	736-0253	Beleville Washer
23.	736-0270	Bell Washer
24.	736-3092	Flat Washer
25.	738-0380	Shoulder Screw
26.	742-04056C	Blade: High Lift; Star Hole
	742-04067C	Blade: High Lift; Round Hole
27.	783-0601	Catcher Support Bracket
28.	783-0673	Catcher Support Bracket RH
29.	783-0764	Catcher Support Bracket LH
30.	783-0765	Bracket: Cross Support
31.	783-1501	Spacer
32.	764-0251	Grassbag
33.	17202A	Screen Mounting Bracket
34.	710-1652	Screw 1/4-20 x 0.625
35.	720-04018	Screen
36.	726-04027	Push Nut
37.	726-0479	Ratchet Clip
38.	728-0123	Pop Rivet
39.	731-04166	Grass Bag Cover
40.	731-04189	Retainer Seal
41.	731-0824A	Plastic Plate
42.	735-04020	Grass Bag Seal
43.	736-0400	Flat Washer
44.	749-0747	Hinge Bracket
45.	17201A	Bag Hanger Bracket
46.	710-0473	Machine Screw
47.	710-0604A	TT Screw 5/16-18 x 0.625
48.	712-0272	Hex Sems Nut
49.	703-05783	50" Deck Deflector
50.	710-3015	Hex Head Screw 1/4-20

