



## OPERATOR MANUAL & ILLUSTRATED PARTS LIST

### MODEL :

**970513 BOSS-VAC™, 8 BUSHEL BAG, COLLECTION SYSTEM**

**970514 KIT-DECK, 48IN 8 BUSHEL COLLECTION SYSTEM**

**970515 KIT-DECK, 52IN 8 BUSHEL COLLECTION SYSTEM**

**970516 KIT-DECK, 61IN 8 BUSHEL COLLECTION SYSTEM**

Manual 4170667  
Rev. 05-01-2014



*WARNING: If incorrectly used this machine can cause severe injury. Those who use and maintain this machine should be trained in its proper use, warned of its dangers and should read the entire manual before attempting to set up, operate, adjust or service the machine.*



## BAG COLLECTION SYSTEM

### **CALIFORNIA Proposition 65 Warning**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.



### **WARNING**

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

### **Californie Proposition 65 Avertissement**

Les échappements des moteurs diesel et certains de leurs composants sont reconnus par l'Etat de Californie pour être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.



### **AVERTISSEMENT**

L'émission du moteur de ce matériel contient des produits chimiques que l'Etat de Californie considère être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

### **California Advertencia de la Proposicion 65**

El estado de California hace saber que los gases de escape de los motores diesel y algunos de sus componentes producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.



### **ADVERTENCIA**

El estado de California hace saber que los gases de escape de este producto contienen productos químicos que producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

### **CALIFORNIA Proposition 65 Warning**

Battery posts, terminals, wiring insulation, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  
**WASH HANDS AFTER HANDLING.**

# BAG COLLECTION SYSTEM

## IMPORTANT MESSAGE

Thank you for purchasing this Schiller Grounds Care, Inc. product. You have purchased a world class product, one of the best designed and built anywhere.

This product comes with an Owner / Operator's Manual. The useful life and good service you receive from this product depends to a large extent on how well you read and understand this manual. Take care of this product properly and adjust it as instructed, and it will give you many years of reliable service. This manual has been provided to assist you in the safe operations and servicing of this attachment.

See a Schiller Grounds Care, Inc. dealer for any service or parts needed. Schiller Grounds Care, Inc, service ensures that you continue to receive the best results possible from Schiller Grounds Care, Inc. products. You can trust Schiller Grounds Care, Inc. replacement parts because they are manufactured with the same high precision and quality as the original parts.

Schiller Grounds Care, Inc. designs and builds its equipment to serve many years in a safe and productive manner. For longest life, use this product only as directed in the manual, keep it in good repair and follow safety warnings and instructions. You'll always be glad you did.

**NOTE:** All photographs and illustrations in the manual may not necessarily depict the actual models or attachment, but are intended for reference only and are based on the latest product information available at the time of publication.

Familiarize yourself fully with the safety recommendations and operating procedures before putting the machine to use. Carefully read, understand and follow these recommendations and insist that they be followed by those who will use this attachment.

**This manual should be kept for future reference.**

**Please check if you have received all the parts for your kit with the list of the bag and the list of the box.**

Schiller Grounds Care, Inc.  
One Bob Cat Lane  
Johnson Creek, WI 53038-0469

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# BAG COLLECTION SYSTEM

## DESCRIPTION / SPECIFICATIONS

### DESCRIPTION

Rear mount 2 baggers 8 bushel collection system.

### SPECIFICATIONS

Capacity: .....	8 Bushel (BU)
Dump from Seat: .....	No
Dump operation: .....	n/a
Number of bags: .....	2
Fan Diameter: .....	15.31 in
Number of fan blades: .....	4
Thickness of blades: .....	3/16 in
Impellar Axis: .....	Horizontal
Impellar Housing Thickness: .....	11 ga
Impellar Bearing size: .....	1 in
Blower Tube-Dia.: .....	6 in
Adds Length: .....	23.75 in back
Adds Width on deck: .....	8.75 in
Rear collector width (excluding blower): .....	41.88 in
Rear mount collection system weight : .....	135 lbs
Blower mounted on deck weight : .....	84 lbs
Two front weights: .....	100 lbs
Total collection system weight including crate: .....	430 lbs

**NOTE:** Specifications are subject to change without notice.

Record your attachment's serial number and purchase date in the section reserved below. Your dealer requires this information to give you prompt, efficient service when ordering replacement parts. Use only genuine parts when replacements are required.

If warranty repairs are required please present this registration booklet and original sales invoice to your selling dealer for warranty service.

**SERIAL NUMBER :** \_\_\_\_\_  
(IF APPLICABLE)

**MODEL NUMBER:** \_\_\_\_\_

**PURCHASE DATE :** \_\_\_\_\_

**NOTICE !!!!**

Unauthorized modifications may present extreme safety hazards to operators and bystanders and could also result in product damage.

Schiller Grounds Care, Inc. strongly warns against, rejects and disclaims any modifications, add-on accessories or product alterations that are not designed, developed, tested and approved by Schiller Grounds Care, Inc. Engineering Department. Any Schiller Grounds Care, Inc. product that is altered, modified or changed in any manner not specifically authorized after original manufacture-including the addition of "after-market" accessories by Schiller Grounds Care, Inc.-will result in the Schiller Grounds Care, Inc. Warranty being voided.

Any and all liability for personal injury and /or property damage caused by any unauthorized modifications, add-on accessories or products not approved by Schiller Grounds Care, Inc. will be considered the responsibility of the individual(s) or company designing and/or making such changes. Schiller Grounds Care, Inc. will vigorously pursue full indemnification and costs from any party responsible for such unauthorized post-manufacture modifications and/or accessories should personal injury and/or property damage result.



This symbol means:

**ATTENTION !  
BECOME ALERT!**

Your safety and the safety of others is involved.

**Signal word definitions:**

The signal words below are used to identify levels of hazard seriousness. These words appear in this manual and on the safety labels attached to Schiller Grounds Care, Inc. machines. For your safety and the safety of others, read and follow the information given with these signal words and/or the symbols shown above. Regardless of the hazard be extremely careful.

**⚠ DANGER**

**DANGER** Indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

**⚠ WARNING**

**WARNING** Indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

**⚠ CAUTION**

**CAUTION** Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices or property damage.

**CAUTION**

**CAUTION** Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage.

Careful operation is your best insurance against an accident. Read this section carefully before operating the vehicle and accessory. This accessory is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury. All operators, no matter how experienced they may be, should read this and other manuals related to the vehicle and accessory before operating. It is the owner's legal obligation to instruct all operators in safe operation of the accessory.

## **GLOSSARY:**

In this manual, right and left sides are determined by sitting on the seat of the vehicle facing forward.

In this manual, "accessories" means attachments that you install on the vehicle.

## **TRAINING:**

1. Read this owner's manual carefully. Be thoroughly familiar with the controls and proper use of the vehicle and accessory. Know how to stop the unit and disengage the controls quickly.
2. Never allow children to operate the vehicle nor the accessory. Never allow adults to operate the vehicle nor the accessory without proper instructions.
3. No one should operate the vehicle nor the accessory while intoxicated or while taking medication that impairs the senses or reactions.
4. Keep the area of operation clear of all people, particularly small children and pets.

## **PREPARATION:**

1. Thoroughly inspect the area where the accessory is to be used and remove door mats, all foreign objects and the like.
2. Disengage all clutches and shift into neutral before starting engine.
3. Do not operate the accessory without wearing adequate garments. Avoid loose fitting clothing that can get caught in moving parts. Wear footwear that will improve footing on slippery surfaces.
4. Never attempt to make any adjustments while the engine (motor) is running (except when specifically recommended by manufacturer).
5. Let the vehicle and accessory adjust to outdoor temperatures before using.
6. Never use an accessory without proper guards, plates, or other safety protective devices in place
7. Always make sure to wear the appropriate safety equipment required (glasses, muffs, mask...) for each type of product. See operation section.
6. Always make sure of having safe traction on the vehicle by using the recommended accessories

## OPERATION:

1. Do not put hands or feet near, under or inside rotating parts.
2. Exercise extreme caution when operating on or crossing gravel drives, walks or roads. Stay alert for hidden hazards or traffic. Do not carry passengers.
3. After striking a foreign object, stop the engine (motor), disconnect the wire from the spark plug(s) and keep wire away to prevent accidental starting. Thoroughly inspect the accessory for any damage and repair damage before restarting and using the accessory.
4. If the unit should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
5. Take all possible precautions when leaving the vehicle unattended. Disengage the power take-off, lower the attachment, place the transmission into neutral, set the parking brake, stop the engine and remove the contact key.
6. Never use the accessories across the face of slopes, go from top to bottom. Exercise extreme caution when using equipment on slopes. Do not attempt to clear a steep slope.
7. Never tolerate bystanders in the working zone. Never use an accessory in the direction of bystanders, it might throw gravel or debris that can hurt people or damage property.
8. Never operate the accessory at high transport speeds on slippery surfaces. Use care when backing up.
9. Do not carry passengers.
10. Disengage power to the accessory when it is transported or not in use.
11. Never operate the accessory without good visibility or light.

## MAINTENANCE AND STORAGE

1. When cleaning, repairing or inspecting the vehicle and accessory, make certain that all moving parts have stopped. Disconnect wire from the spark plug(s) and keep wire away to prevent accidental starting.
2. Check all the bolts and components at frequent intervals to make sure that they are properly tightened.
3. Always refer to the owner's manual when you store the accessory and vehicle for a prolonged or an unspecified length of time.
4. Maintain or replace safety and instruction labels, as necessary.
5. Let the engine run for a few minutes after cleaning snow in order to prevent the rotary parts from freezing.



## REPLACE IF DECALS ARE DAMAGED SEE PARTS BREAKDOWN FOR DECAL LOCATION

DECAL #4164269



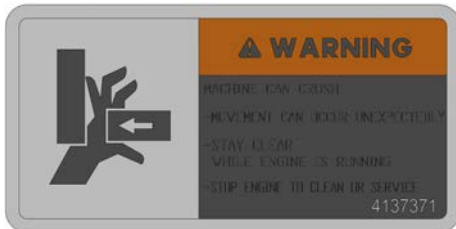
To avoid serious injury from Rotating Blades

- Keep hands and feet away
- Stop engine and let blades stop before removing grass collector or unclogging.

To avoid injury from thrown objects

- Keep area clear of people and pets.
- Remove objects blade may strike and throw.
- Stop blades to cross gravel areas.
- Do not operate without chute, mulcher or entire grass collector in place.

DECAL #4137371



To avoid injury from machine movement  
Machine can crush.

- Movement can occur unexpectedly.
- Stay clear while engine is running.
- Stop engine to clean or service.

DECAL #2000577



To avoid injury from rotating parts

- Do not operate with cover removed.

DECAL #2000735



Before installing or using:

- Locate, read and make sure to understand all of the owner's manual.

DECAL #4165975



To avoid serious injury from fan blades  
Fan blades can cut/crush

- Keep hands and feet away.
- Stop engine and remove spark plug wire before servicing.
- Do not operate without guards in place.

To avoid injury from thrown objects

- Keep bystanders away.
- Do not blow toward people or pets.
- Do not blow toward items that may be damaged by flying debris.

DECAL #4170258



To avoid injury from throw objects.

- Do not raise cover while unit is running.



# BAG COLLECTION SYSTEM

## Tools Required:

Wrench : 10mm, 7/16, 1/2, 9/16, 3/4"

Ratchet

Socket : 3/8, 10mm, 7/16, 1/2, 9/16, 3/4"

Drill bits : 13/64, 9/32, 13/32"

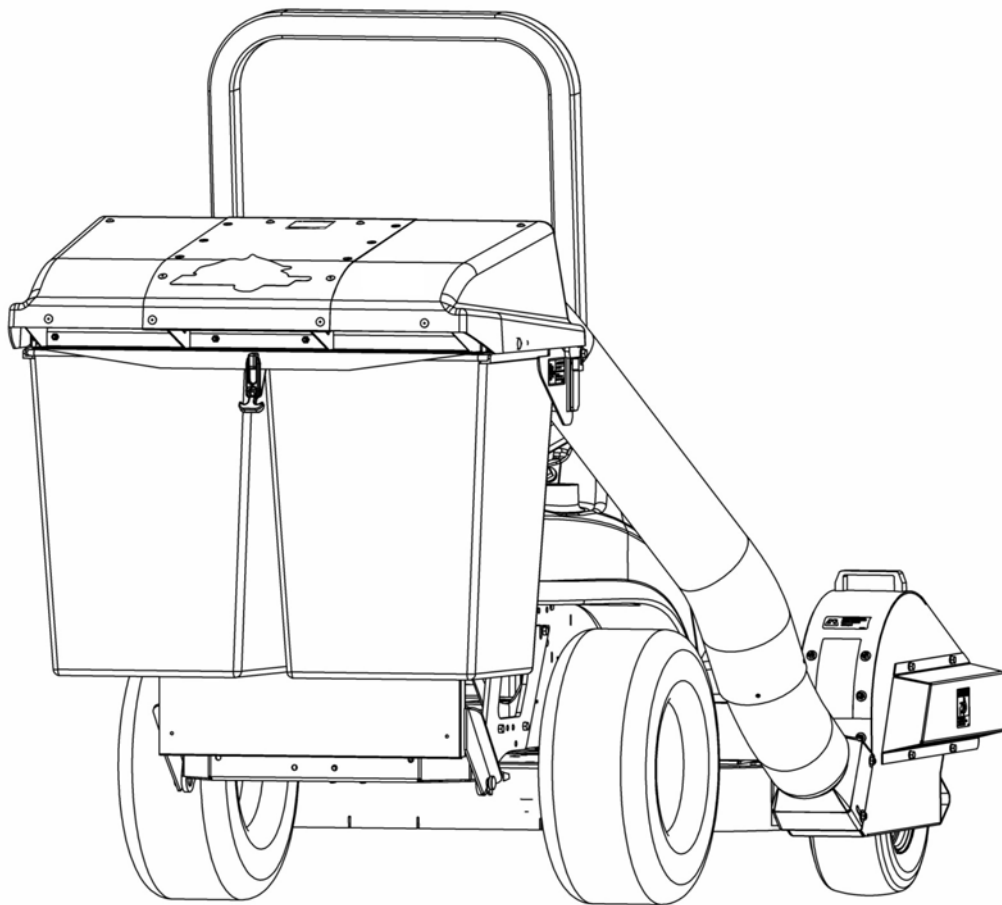
Drill

Small Cross head (Phillips Drive) screwdriver

Small Screw driver with Bit "T25 Torx drive"

Pliers

Refer to parts breakdown section for parts identification



Fully assembled view

# BAG COLLECTION SYSTEM

## STEP 1:

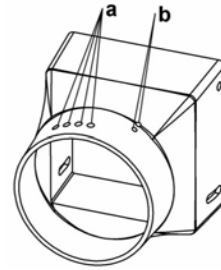
### GRASS COLLECTOR PREPARATION:

#### Chute :

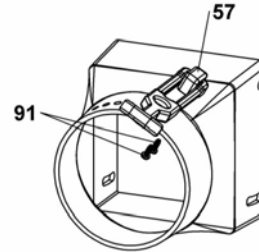
Remove chute (item #66) from bag in shipping crate .

Using the dimpled marks as a guide:

- Drill four holes 9/32" (item a)
- Two holes 13/64" (item b) are already drilled for rubber hitch.



Install rubber hitch (item 57) on chute with two Tapping screw "T25 Torx drive" (item 91).

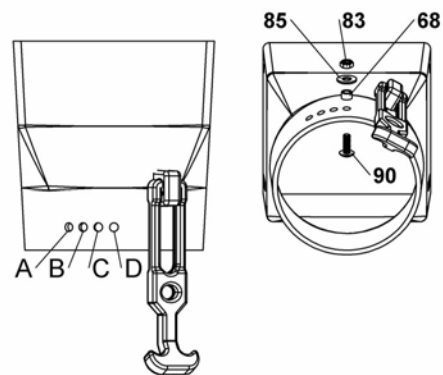


On chute, choose hole corresponding to your deck size.

Deck size	Recommended hole
48 in	C
52 in	C
61 in	B

\*This chosen hole can be changed depending of vehicle and discharge tube adjustment.

Install sleeve (item 68) this chosen hole (on chute) with one Machine screw T.H. 1/4 x 3/4 (item 90), one flat washer 5/16 (item 85) and one nylon insert lock nut 1/4 thin (item 83).

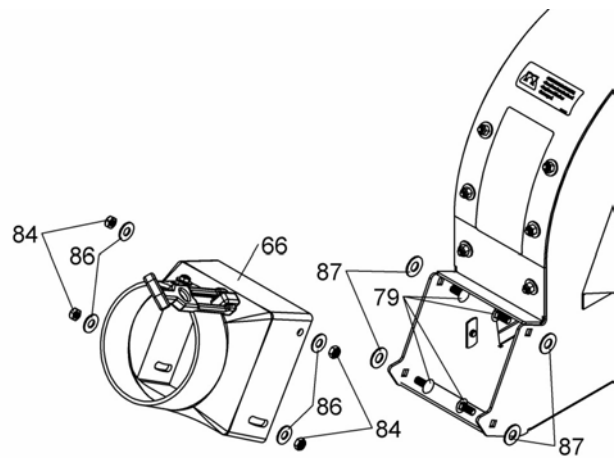


Take the blower from the shipping crate.

#### Chute Installation:

Install the chute (item 66) on the blower as shown.  
Tighten just enough so that the chute rotates freely.

REF.	ENGLISH DESCRIPTION	QTY.
66	Chute	1
79	Carriage bolt 5/16" n.c. x 3/4 " GR5	4
84	Nylon insert lock nut 5/16" n.c. (thin)	4
86	Flat washer 3/8" hole	4
87	Flat washer 7/16" hole	4
6	Tapping screw M5 x 12mm "T25 Torx drive"	1



## BAG COLLECTION SYSTEM

### BLOWER ASSEMBLY:

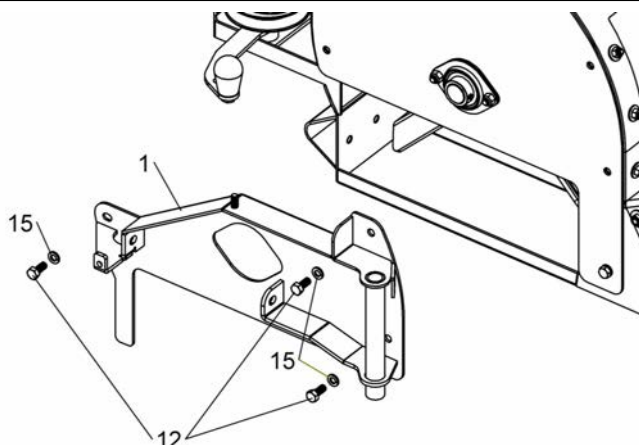
Take deck kit corresponding to mower deck size.

#### For 48" deck:

#### Use deck kit #970514.

Install blower hitch to blower as shown.

REF.	ENGLISH DESCRIPTION	QTY.
1	Blower hitch	1
12	Hex. bolt 5/16" n.c. x 3/4" GR5	3
15	Lock washer 5/16"	3



#### For 52" and 61" deck:

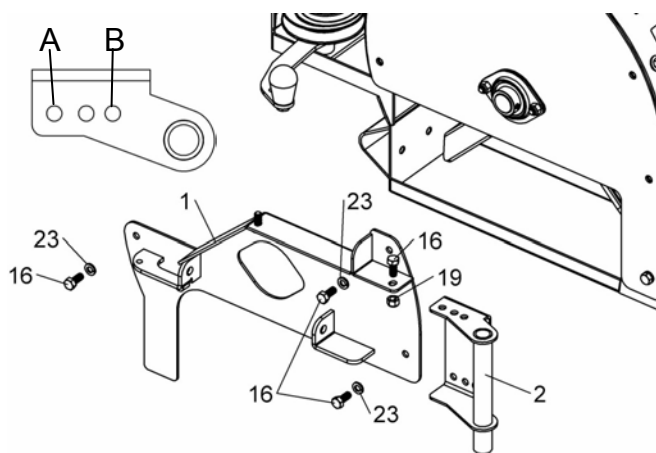
#### Use deck kit #970515 and #970516.

Choose one set of holes (A or B) corresponding to your deck size.

Deck size	Set of holes
52 in	A
61 in	B

Install link tube to blower using corresponding holes.  
Install blower hitch to blower, as shown.

REF.	ENGLISH DESCRIPTION	QTY.
1	Blower hitch	1
2	Link tube	1
16	Hex. bolt 5/16" n.c. x 3/4" GR5	4
19	Nylon Insert lock Nut 5/16" n.c.	1
23	Lock washer 5/16"	3

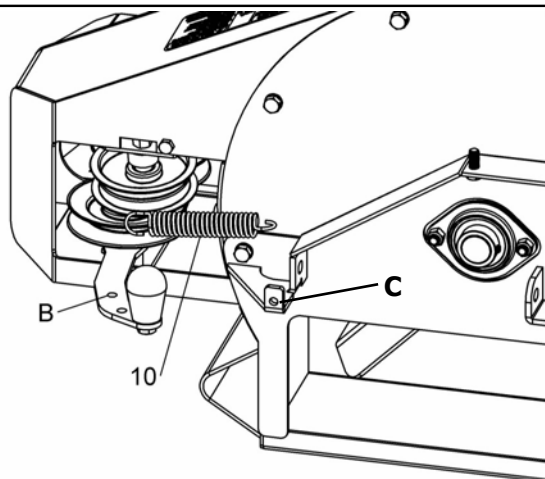


#### For 48" deck:

#### Use deck kit #970514



Insert spring (item 10) longer end (item A) on tensioner's hole (item B). Insert other end in the hole on the blower hitch (item C) as shown.

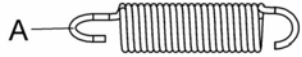


# BAG COLLECTION SYSTEM

## Spring installation:

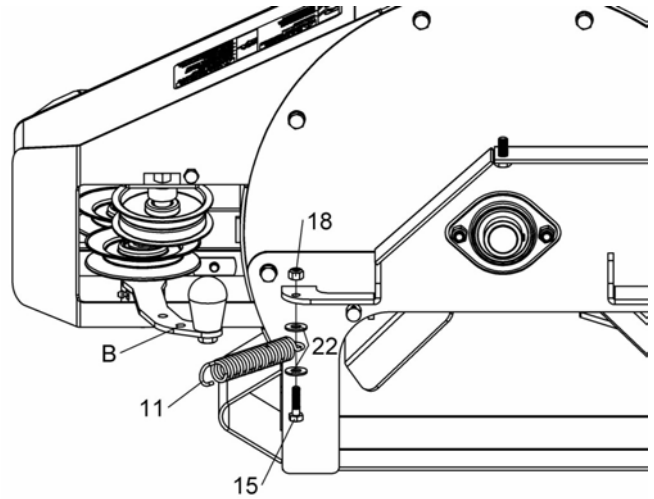
**For 52" and 61" deck:**

**Use deck kits #970515 and 970516.**



Insert spring (item 11) longer end (item A) on tensioner's hole (item B). Bolt other end in the hole on the blower hitch as shown.

REF.	ENGLISH DESCRIPTION	QTY.
11	Spring	1
15	Hex. bolt 1/4" n.c. x 1" GR5	1
18	Nylon Insert lock Nut 1/4" n.c.	1
22	Flat washer 5/16" hole	2



## BAG COLLECTION SYSTEM

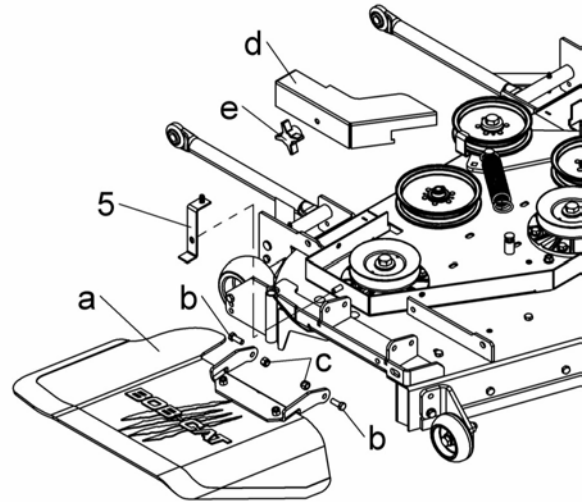
### STEP 2: VEHICLE PREPARATION

#### Removing parts and bracket installation:

##### For 48" deck:

From mower deck, remove chute (item a), its hardware (items b & c) and belt guard (item d).

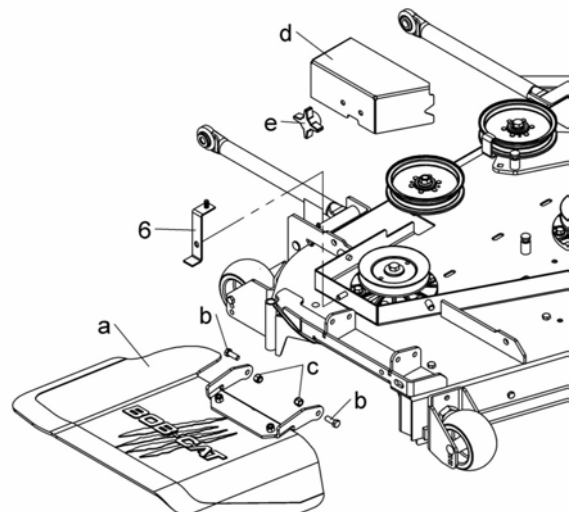
By using same knob (item e), install bracket (item 5) from deck kit #970514 on mower deck.



##### For 52" deck

From mower deck, remove chute (item a), its hardware (items b & c) and belt guard (item d).

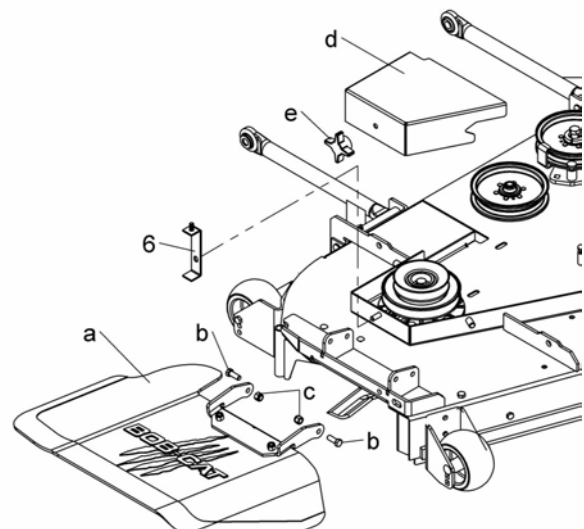
By using same knob (item e), install bracket (item 6) from deck kit #970515 on mower deck.



##### For 61" deck

From mower deck, remove chute (item a), its hardware (items b & c) and belt guard (item d).

By using same knob (item e), install bracket (item 6) from deck kit #970516 on mower deck.



# BAG COLLECTION SYSTEM

## **Baffle and pulley installation:**

\*Refer to double pulley table on page 25 to select the correct double pulley and spacer.

### **For 48" deck, use deck kit #970514.**

From mower deck, remove current discharge baffle (item a).

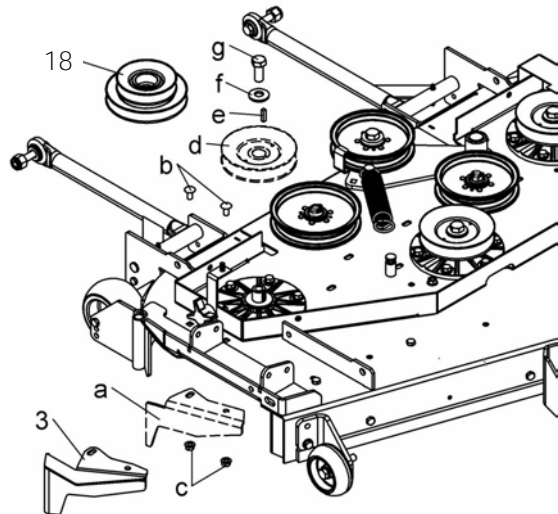
By using same hardware (items b & c), install discharge baffle supplied (item 3) on mower deck.

From mower deck, release tension on spindle drive belt and remove current pulley (item d).

Remove existing stock washer (item w) from spindle drive.

By using same hardware (items e, f & g), install double pulley (item 18) on mower deck.

Re-install belt from mower deck on bottom pulley.



### **For 52" deck, use deck kit #970515.**

From mower deck, remove current discharge baffle (item a).

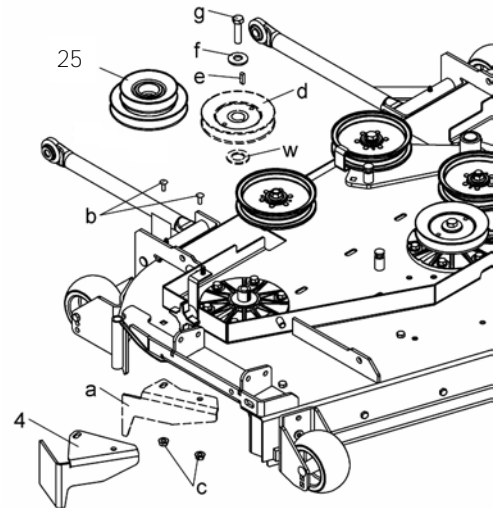
By using same hardware (items b & c), install discharge baffle supplied (item 4) on mower deck.

From mower deck, release tension on spindle drive belt and remove current pulley (item d).

Remove existing stock washer (item w) from spindle drive.

By using same hardware (items e, f & g), install double pulley (item 25) on mower deck.

Re-install belt from mower deck on bottom pulley.



### **For 61" deck, use deck kit #970516.**

From mower deck, remove current discharge baffle (item a). Keep hardware.

Select set of holes matching with current discharge baffle removed.

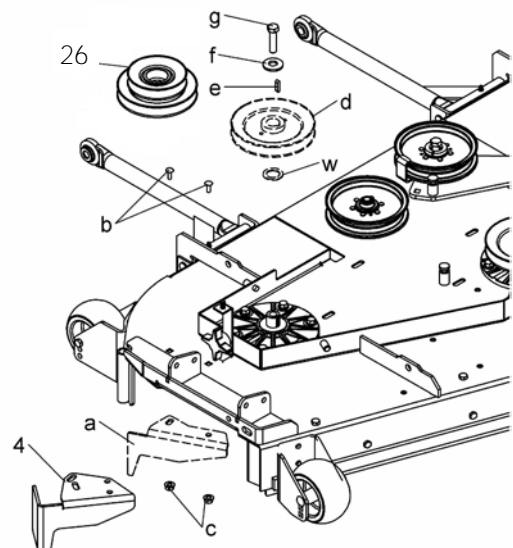
By using same hardware (items b & c), install discharge baffle supplied (item 4) on mower deck matching holes.

From mower deck, release tension on spindle drive belt and remove current pulley (item d).

Remove existing stock washer (item w) from spindle drive.

By using same hardware (items e, f & g), install double pulley (item 26) on mower deck.

Re-install belt from mower deck on bottom pulley.





# BAG COLLECTION SYSTEM

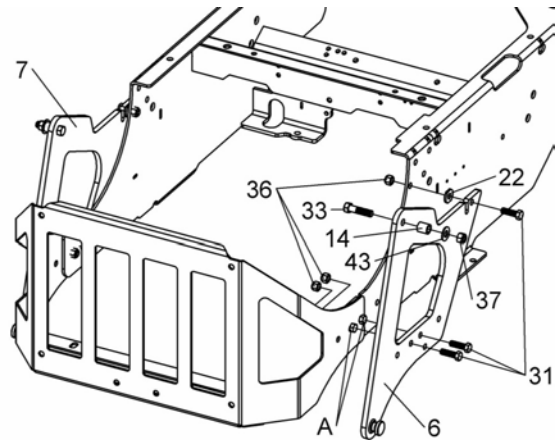
## Right and left support installation

If applicable, remove rear counterweights plates from vehicle's rear bumper.

Remove four bolts and nuts (item A) from vehicle's bumper. They will be replaced by new ones.

Install right and left support on right and left side of vehicle's rear bumper as indicated .

REF.	ENGLISH DESCRIPTION	QTY.
14	Sleeve	2
6	Right support	1
7	Left support	1
22	Washer #10Ga 13/32" hole	2
31	Hex. bolt 3/8" n.c. x 1-1/4" GR5	6
33	Hex. bolt 7/16" n.c. x 1-3/4" GR5	2
36	Nylon Insert lock Nut 3/8" n.c.	6
37	Nylon Insert lock Nut 7/16" n.c.	2
43	Flat Washer 7/16" hole	2



## Counterweight installation:

Install left and right brackets counterweight bracket assembly with two nex. bolt 1/2" n.c. x 4 1/4" and nuts (items 105/110).

Note: When installing adjustment arms, the U-channel (item U) should be faced inward.

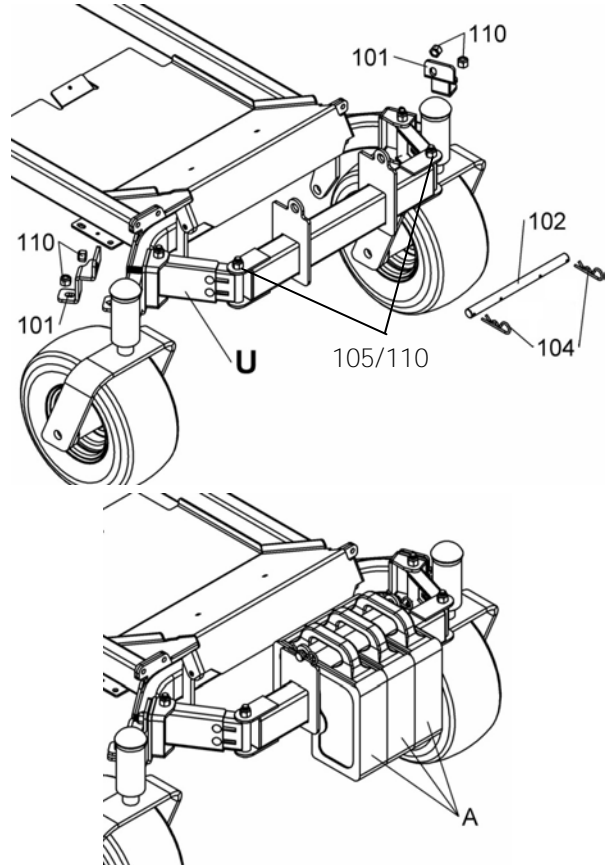
Release nuts (items 110) and brackets (items 101) and install properly counterweight brackets assembly around caster tube as indicated.

Using adjustment slots and pivot points, make sure there is no interference with any possible movement of vehicle (caster wheels and foot rest panel).

Tighten bolts and nuts to fix counterweight bracket.

Install three counterweights (item A) on its bracket.  
Note : Counterweights are supplied separately with corresponding deck kit.

Secure with pivot pin (item 102) and two hair pins (items 104).





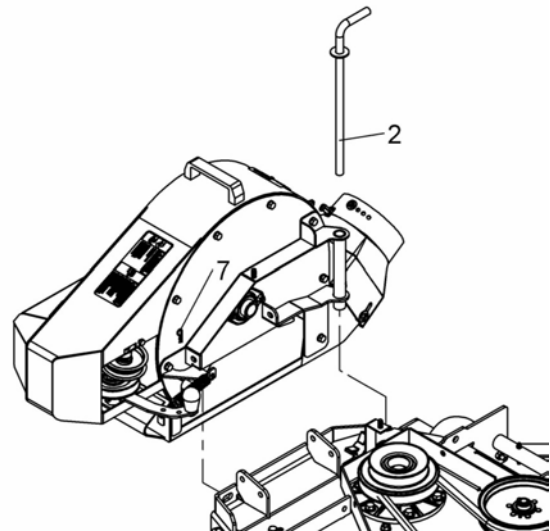
# BAG COLLECTION SYSTEM

## STEP 3: COLLECTION SYSTEM INSTALLATION:

### For 48" deck, use deck kit #970514:

Install blower on deck with mounting pin (item 2).

Secure with hair pin (item 7).



Choose between A or B installation

A) Bolts (items 13)

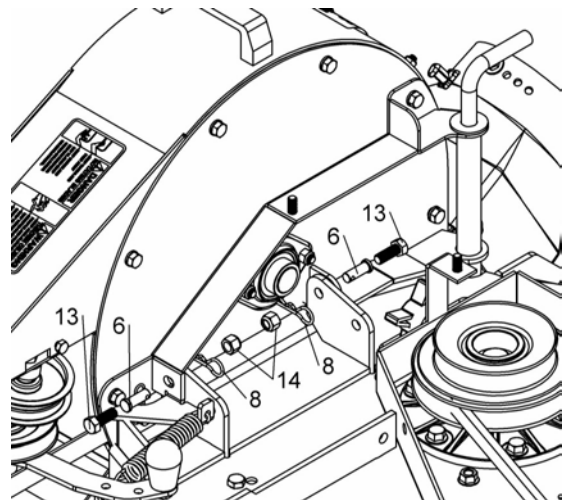
⇒ Longer to install and remove but hold tighter.

Secure blower on deck with two bolts (items 13) and nuts (items 14).

B) Pins (items 6)

⇒ Faster to install and remove but hold less tight.

Secure blower on deck with two pins (items 6) and hair pins (items 8).



# BAG COLLECTION SYSTEM

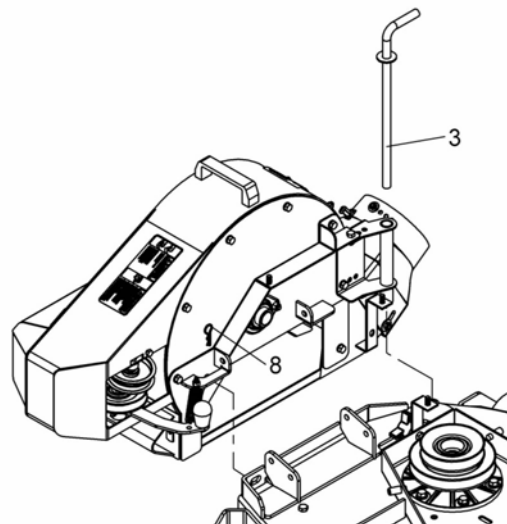
## THE BLOWER:

**For 52" and 61" decks:**

**Use deck kits #970514 and 970515.**

Install blower on deck with mounting pin (item 3).

Secure with hair pin (item 8).



Choose between A or B installation

A) Bolts (items 17)

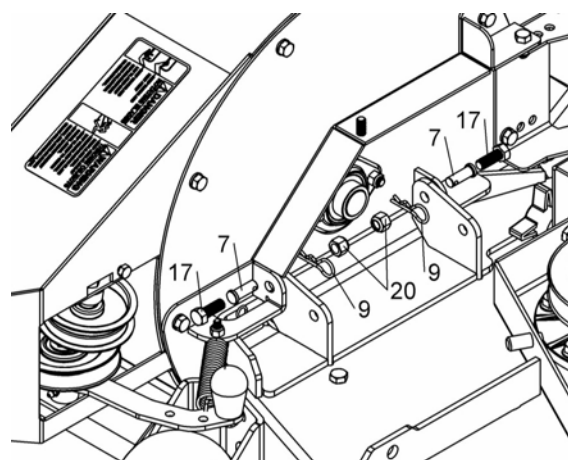
⇒ Longer to install and remove but hold tighter.

Secure blower on deck with two bolts (items 17) and nuts (items 20).

B) Pins (items 7)

⇒ Faster to install and remove but hold less tight.

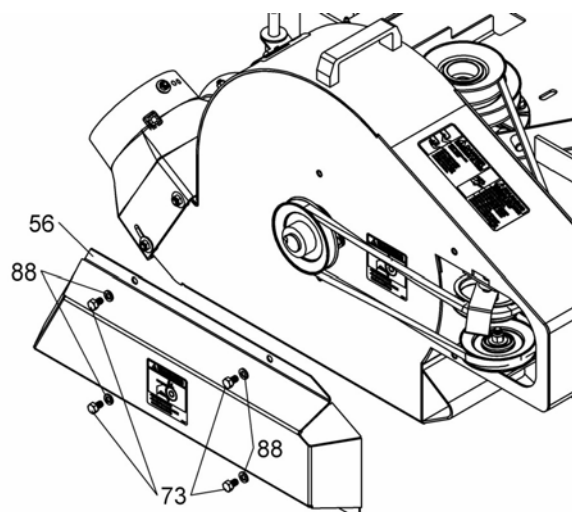
Secure blower on deck with two pins (items 7) and hair pins (items 9).



## **Belt installation installation:**

**For 48", 52" and 61" deck:**

Remove belt cover (item 56) from blower. Keep hardware (item 73 & 88).



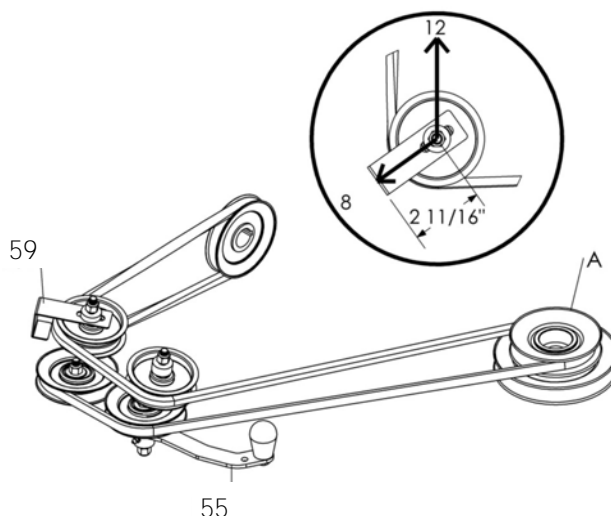
# BAG COLLECTION SYSTEM

Loose bolt and nut holding belt guide (item 59)

Install belt on all blower pulleys as shown.

Position belt guide at approximately the 8 o'clock position and 2 11/16" as shown to make sure it doesn't interference with belt or pulley. Tighten bolt and nut loosen before.

By pulling on tensioner (item 55), install belt on top pulley (item A) (from double pulley previously installed).



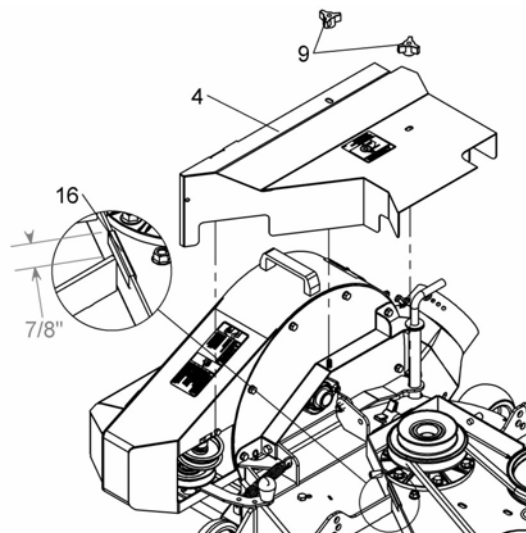
## **Belt guard installation:**

### **For 48" deck :**

#### **Use deck kits #970514.**

As shown, install belt guard (item 4) on deck and blower using two knobs (item 9).

Install flex trim (item 16) on mower deck as shown.



## **Belt guard installation:**

### **For 52" and 61" deck :**

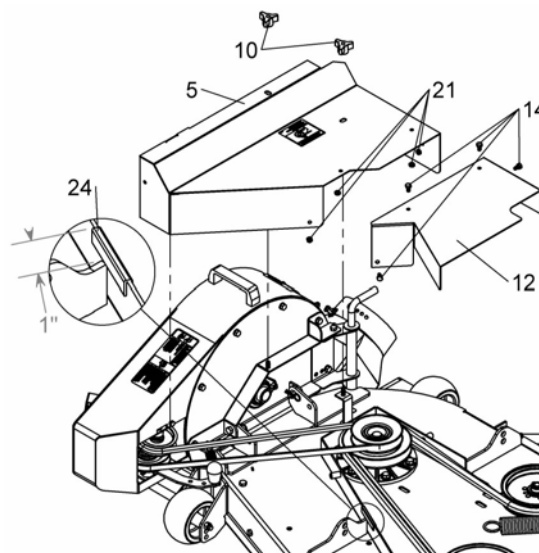
#### **Use deck kits #970515 and 970516.**

As shown, install extension (item 12) on belt guard (item 5) using four hex bolts 1/4" n.c. x 1/2" (items 14) and nylon insert lock nuts (items 21).

As shown, install belt guard (item 5) on deck and blower using two knobs (item 10).

### **For 61" deck only :**

Install flex trim (item 24) on mower deck as shown.



# BAG COLLECTION SYSTEM

## COLLECTION SYSTEM ASSEMBLY:

Before removing collection system from crate, remove two carriage bolts (item A) and nylon lock nuts (item B) from two latches.

Release latches.

Tip : install carriage bolt on hole (item C) to keep latches opened during pallet removal only.

### **⚠ WARNING**

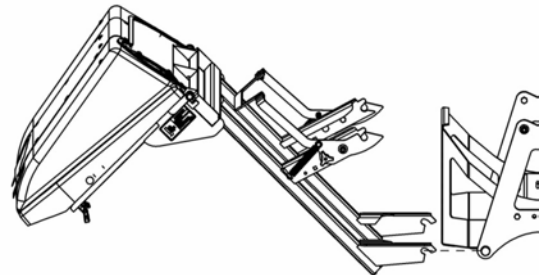
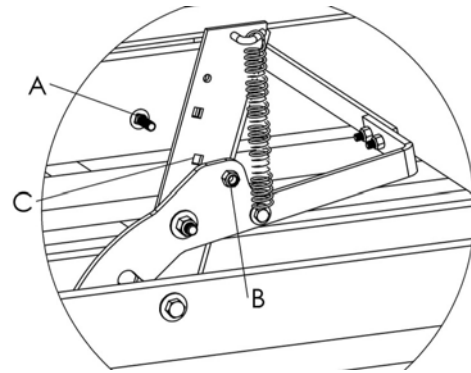
#### COLLECTION SYSTEM IS HEAVY!

To avoid risk of strain injury, **NEVER** lift the collection system by hand alone when handling the components or assembly. Use proper lifting device or seek assistance.

**NEVER** be underneath the collection system when it is off the ground. Serious injury including possibility of death could occur if collection system were to drop suddenly.

**Always wear protective shoes and appropriate gloves when manipulating or using this equipment.**

Take collection system from crate and install it on bottom pin already installed on vehicle.

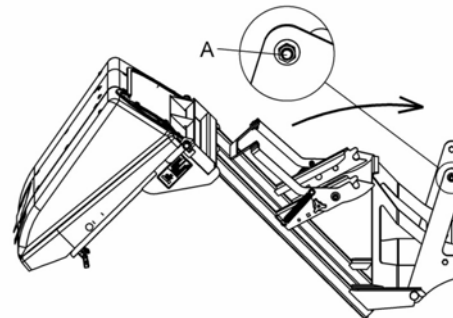


Rotate collector toward vehicle to clip it on top latch (item A).

NOTE: The bumper of the vehicle (item B) may need to be rotated down to allow clearance of the collection frame.

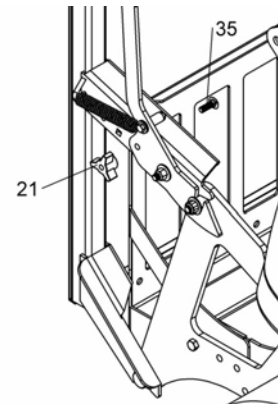
### **⚠ WARNING**

**Use latches with extra care! When it is released or not properly installed, the collector will dangerously fall down. Use proper lifting device or seek assistance.**



## IMPORTANT:

Secure collector's latch with two carriage bolts 5/16" n.c. x 3/4" (item 35) and two knobs (item 21). (Install one on each side).



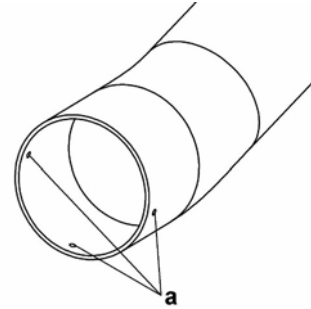
# BAG COLLECTION SYSTEM

## Discharge tube :

Remove discharge tube (item 9) from shipping crate .

Using the dimpled marks (item a) as a guide:

- Drill three holes 9/32".



## Adjustment tube :

Remove adjustment tube from shipping crate .

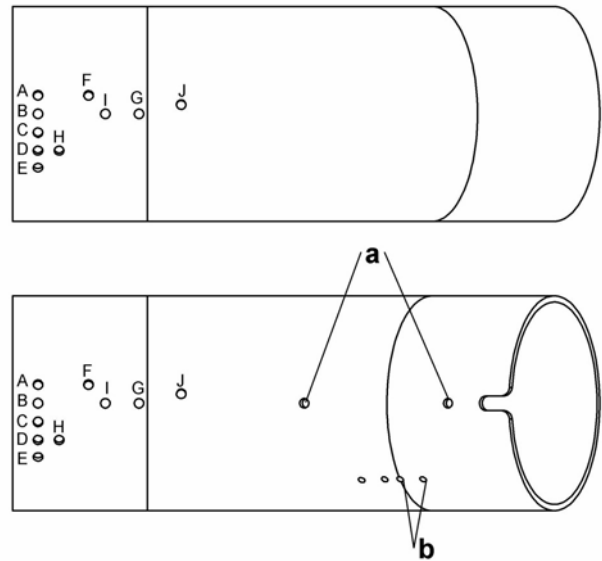
Choose one set of holes corresponding to your deck size.

Deck size	Recommended hole
48 in	J
52 in	I
61 in	H

\*This chosen set of holes can be changed depending of vehicle and discharge tube adjustment.

Using the drilling template supplied as a guide:

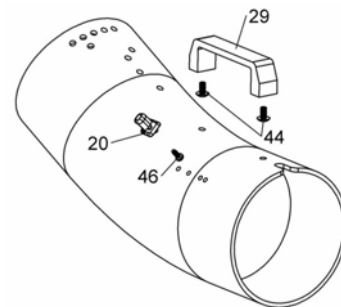
- Drill two holes chosen 9/32".
  - Drill two holes 9/32" for handle (item a).
- Two holes 13/64" (item b) are already drilled for keeper.



## Adjustment tube :

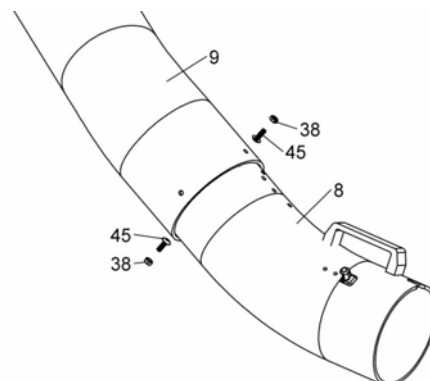
Install keeper and handle on adjustment tube .

REF.	ENGLISH DESCRIPTION	QTY.
29	Handle	1
44	Machine screw T.H. 1/4" n.c. x 1/2"	2
46	Tapping screw M5 x 12mm "T25 Torx drive"	1
20	Keeper plate	1



## Assemble both tubes together:

Install adjustment tube (item 8) on discharge tube (item 9) with two machine screws T.H. 1/4" x 3/4" (item 45) and two nylon insert lock nuts 1/4" n.c. (thin) (item 38).

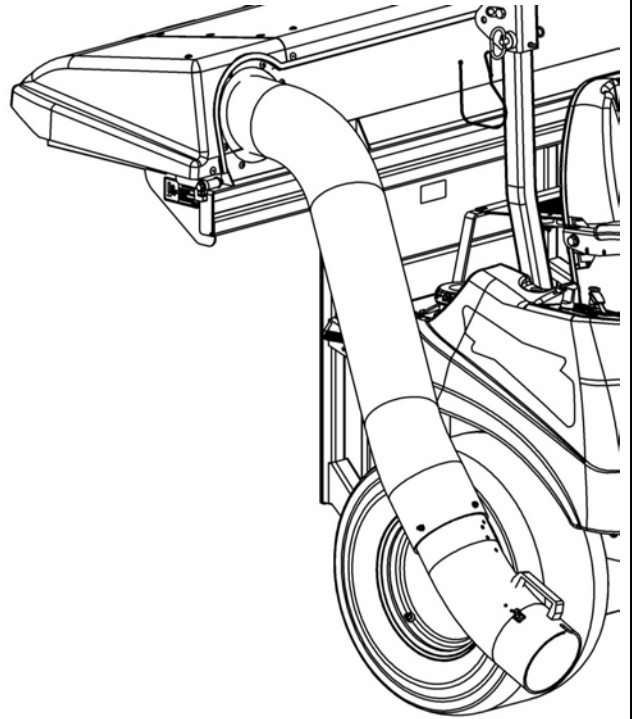




# BAG COLLECTION SYSTEM

## Discharge tube top:

Rotate discharge tube's elbow counter clockwise into grass collector's Rubber seal.



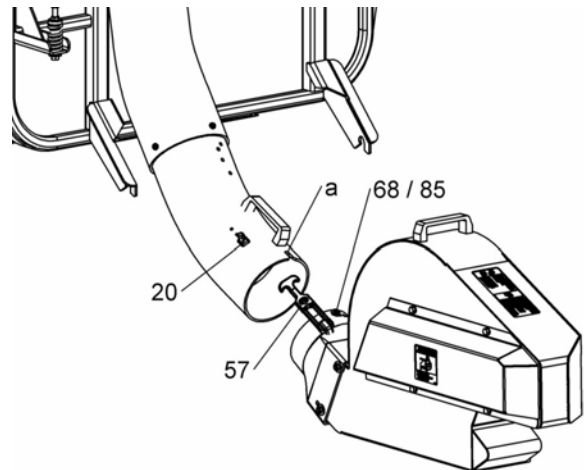
## Discharge tube bottom:

TIP: Position mower deck's height at mid range position to ease tubing assembly.

By using handle, install bottom portion of discharge tube assembly on chute (previously installed on blower).

Make sure slot (item a) is going over sleeve (item 68) and under flat washer (item 85).

Latch discharge tube on chute by stretching rubber hitch (item 57) over keeper (item 20).

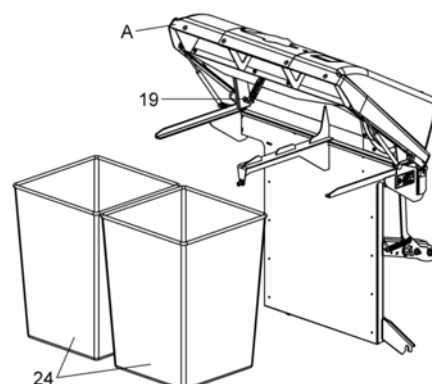


## Insert bags :

Unlatch rear latch (item 19) and open lid (item A). Slide bags (item 24) on frame.

Make sure plastic section is front toward vehicle

Close lid and secure it with rear rubber latch.



# BAG COLLECTION SYSTEM

## **STEP 4 :** **ADJUSTMENTS**

### **ADJUST DISCHARGE TUBE:**

It's possible to adjust tube positioning by using another set of holes. If no set of holes corresponds to the need, make sure it is well installed. If it is well installed, it is possible to adjust tube to a proper fit (verify mower deck up and down position). A proper fit corresponds to the tube exiting elbow to be horizontal (from back view) when deck's height is at mowing position.

### **Fix discharge tube assembly :**

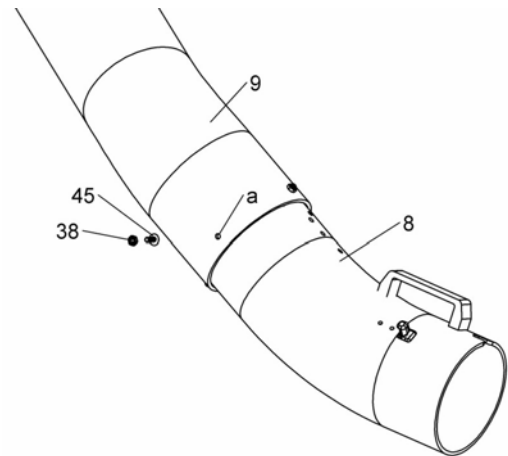
Note: Drill free hole (item a) when discharge tube assembly is mounted to vehicle. This will allow adequate tire clearance.

By using free hole (item a) on discharge tube (item 9) as drilling template, drill one hole 9/32" on adjustment tube (item 8).

Unlatch and remove discharge tube assembly from chute (previously installed on blower).

Using this new hole, install one machine screw T.H. 1/4" x 3/4" (item 45) and one nylon insert lock nut 1/4" n.c. (thin) (item 38).

As described before, reinstall bottom portion of discharge tube assembly on chute.



## **STEP 5** **COLLECTION SYSTEM REMOVAL INSTRUCTIONS:**

1. Close collection system (refer to operation section).

### **⚠ WARNING**

**TO PREVENT INJURIES: STOP THE MOTOR. APPLY PARKING BRAKE. REMOVE THE IGNITION KEY. DISCONNECT THE WIRE FROM THE SPARK PLUG(S) AND KEEP AWAY FROM SPARK PLUG(S) TO PREVENT ACCIDENTAL STARTING.**

### **⚠ WARNING**

2. Using same sections,
3. Follow reversed procedure in **STEP 3 : COLLECTION SYSTEM INSTALLATION.**



# BAG COLLECTION SYSTEM

## STEP 6

### OPERATING INSTRUCTIONS:

The collection system is started at the same time as the mower deck. Refer to the mower deck and the vehicle owner's manuals to familiarize yourself with the controls and safety precautions.

#### Using collection system

1. Start the tractor engine.
2. Engage mower deck.
3. Follow mowing instructions.

#### Emptying collection system

1. On flat surface, at the dumping area, stop engine and apply parking brakes.
2. Unlatch and open rear lid.
3. Slide out one bag at a time.
4. Let the bags fall down on the ground to avoid injuries with the heavy weight of a full bag.
5. Use handle from bottom of bags to empty bag.
6. Reinstall bags. Make sure the plastic section is positioned toward the front of the vehicle.
7. Close lid and latch it.

### **⚠ WARNING**

**READ THE TRACTOR OWNER'S MANUAL CAREFULLY. BE THOROUGHLY FAMILIAR WITH THE CONTROLS & PROPER USE OF THE ATTACHMENT. KNOW HOW TO STOP THE ATTACHMENT & DISENGAGE THE CONTROLS QUICKLY.**

**USE EXTRA CARE IN OPERATION. THIS ATTACHMENT CAN CHANGE THE STABILITY OF THE VEHICLE IN OPERATION AND IN STATIC CONDITIONS. CHECK BRAKE OPERATION PRIOR TO ANY USE. ADJUST AND REPAIR ANY PROBLEM BEFORE USING. NEVER OPERATE IN SLOPE MORE THAN 10°.**

### **⚠ CAUTION**

**Use care while operating near obstacles. This attachment adds width and length to vehicle and mower deck. Familiarize yourself with the new vehicle's dimensions.**

### **⚠ WARNING**

- Always wear protective ear muffs, safety mask and safety glasses when operating the accessory.
- Never use the grass collector without all the guards and the discharge tube correctly installed. The collector and the cover must be in closed position.
- If during the operation, an anomaly occurs (loss of part, breakage, tube stands, etc.); STOP the vehicle immediately and rectify the situation.

### **⚠ WARNING**

#### CLEARING A CLOGGED DISCHARGE CHUTE:

Hand contact with the rotating impeller inside the discharge chute is a common cause of injury. Never use your hand to clean out the discharge chute.

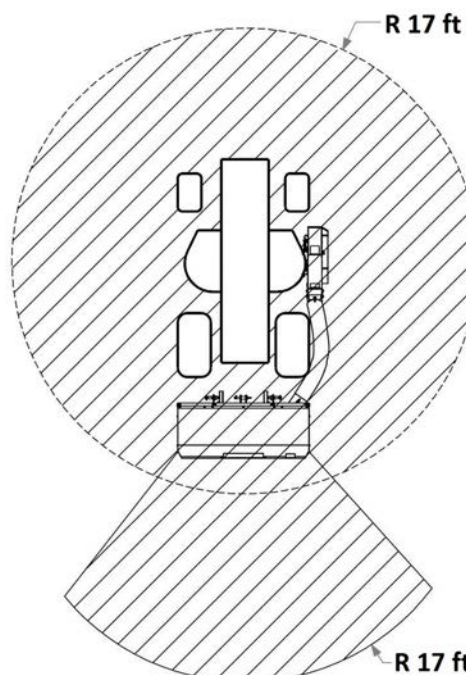
**To clear the chute: NEVER USE YOUR HANDS.**

1. Disengage the clutch.
2. Lower mower deck to the ground and set parking brake.
3. SHUT THE ENGINE OFF & REMOVE KEY!
4. Wait 10 seconds to be sure that **all moving parts** such as the impeller blades have stopped moving.
5. Disconnect wire from the spark plug(s) and keep wire away to prevent accidental starting.
5. Always use a clean-out tool (a wooden stick that is at least 3 feet long minimum)

### **⚠ WARNING**

**HAZARDOUS AREA !**

**MAKE SURE THAT NOBODY IS WITHIN A 17 FT RADIUS WHEN THE TRACTOR IS IN OPERATION.**



# BAG COLLECTION SYSTEM

## SERVICE SCHEDULE

### **⚠ WARNING**

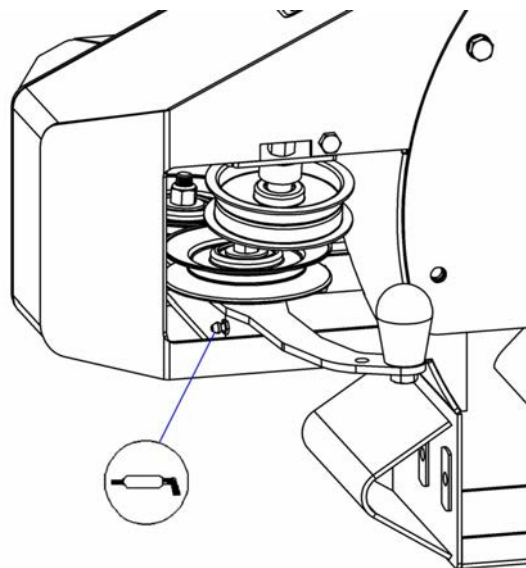
**TO PREVENT INJURIES: STOP THE MOTOR. APPLY PARKING BRAKE. REMOVE THE IGNITION KEY. DISCONNECT THE WIRE FROM THE SPARK PLUG(S) AND KEEP AWAY FROM SPARK PLUG(S) TO PREVENT ACCIDENTAL STARTING. NEVER GET UNDER THE GRASS COLLECTOR WHEN IT IS RAISED OFF THE GROUND.**

#### Daily:

- Clean collection system thoroughly and repaint all parts from which paint has worn.
- Check for any signs of loose bolts and tighten as needed. Check mounting bolts at frequent intervals for proper tightness in order to prevent costly repairs. Make sure your grass collector is in safe working condition.
- Check for any signs of damaged components. Repair or replace if needed.
- Verify the wear on the chute, the discharge tube, grass filter, the deflector, the belt and the rubber joint. Repair or replace if needed.

#### 50 Hours:

- Check drive belts for proper tension and signs of cracking.
- Always clean the grease fitting before inserting any grease.
- **Lubricate** the tensioner's pivot with an all purpose SAE lithium based grease.
- Lubricate all the other pivoting points.



### **BELT REPLACEMENT**

To remove and replace belt, follow in reverse the belt installation procedure in “**STEP 3: COLLECTION SYSTEM INSTALLATION.**”

### **END OF SEASON STORAGE**

1. Clean collection system thoroughly and repaint all parts from which paint has worn.
2. List the replacement parts that will be needed for the next season.
3. Store the collection system in a dry place.
4. Follow instructions in service schedule above.

## BAG COLLECTION SYSTEM

\* Please refer to parts breakdown section for parts identification.

TROUBLESHOOTING		
PROBLEM	POSSIBLE CAUSES	CORRECTIVE ACTION
Blower vibrates or is abnormally noisy .	Damaged pulley	Replace pulley
	Damaged bearing	Replace the bearing
	Fan is damaged	Remove and straighten or replace the fan.
	Belt is damaged	Replace the belt.
The blower does not push the grass towards the collection system.	The chute, the fan or the discharge tube are blocked.	Dislodge the obstruction with the help of a stick.
Belt shows premature wear	Not enough tension on the belt.	Make sure the spring is in good condition.
	Not the original belt installed.	Install an original belt..
Belt is snapping, shredding, burning or worn in a specific place.	There is not enough tension on the belt: -the belt is worn which is causing a slack. -the spring is worn out -the tensioner's pivot is not well lubricated.	Replace the belt or the spring. Grease all the pivoting points.
	Imperfections in the pulleys	Replace the pulleys.
	The belt rubs on a belt guide	Reposition the belt guide.
The chute blocks easily.	The grass is cut too long.	Adjust the mower deck to the highest position for the first cut, then lower the mower for a second cut.
	The grass is too humid.	Wait for the grass to dry out.
Tube in contact with tire	Not good set of holes used.	Change set of holes to rotate tube, in order to clear tire.

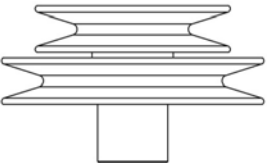
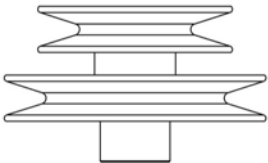
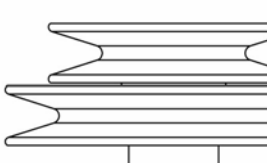
# BAG COLLECTION SYSTEM

\* Please refer to parts break-

TROUBLESHOOTING		
PROBLEM	POSSIBLE CAUSES	CORRECTIVE ACTION
Grass is escaping	One seal is damaged.	Replace broken seal.
	Collection system is not fully installed (discharge baffle is missing for example).	Recheck installation. (Refer to collection system and deck kit owner's manuals.).
	Lid is not closed properly.	Close the lid and latch properly.
Discharge tube escape from chute when mower deck is lowered.	Latch is broken or not installed at full tension.	Replace latch or install it at full tension.
Collector doesn't clip on vehicle easily	Collector slots are not well installed on both sides grooves from bottom pin.	Make sure both sides are well installed on bottom pin.
	Latch is still secured in place by knobs and carriage bolts.	Remove two knobs and carriage bolts. (one on each side)
	Too much friction on latch.	Lubricate latch pivot point.

## BAG COLLECTION SYSTEM

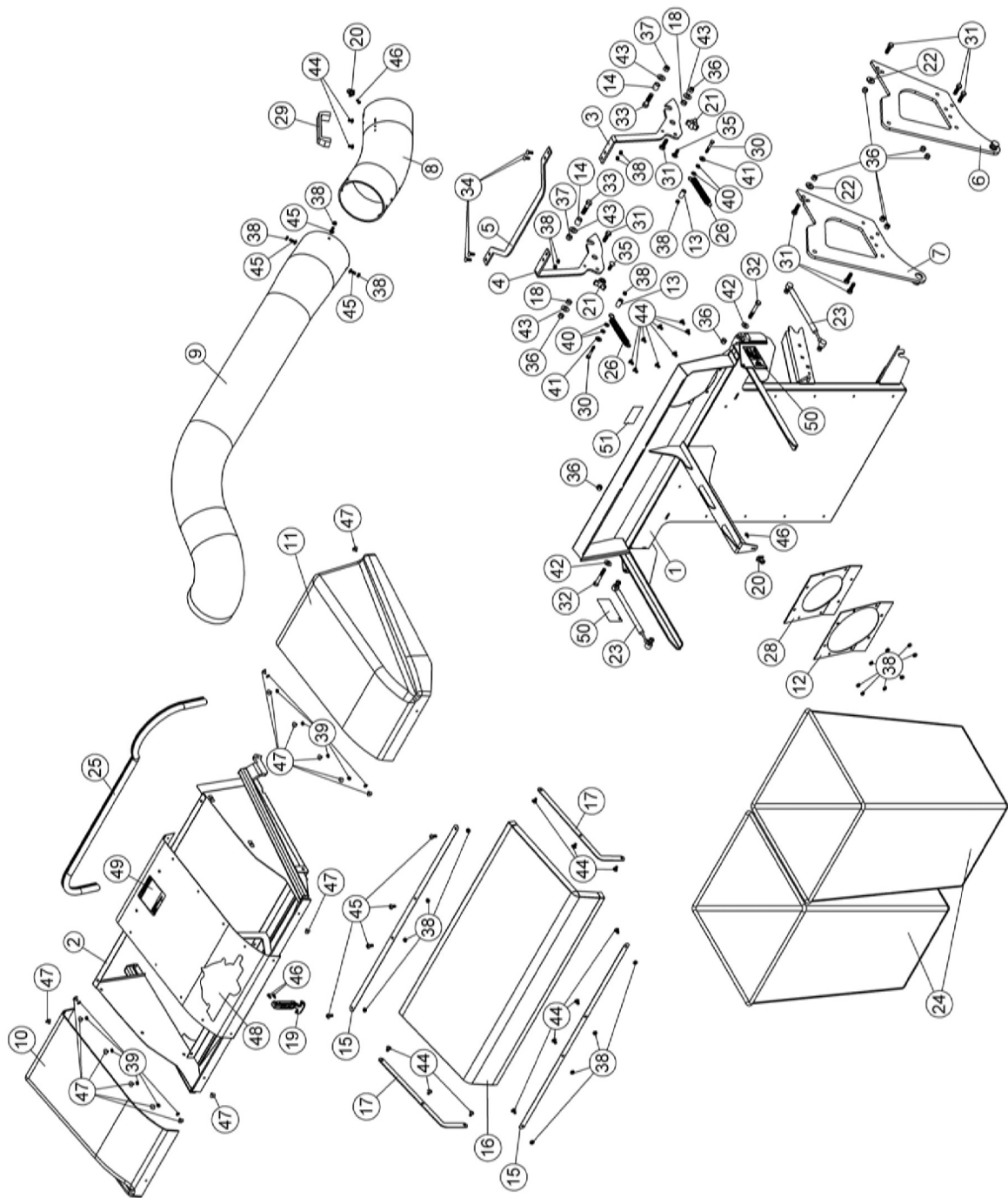
## DOUBLE PULLEY TABLE

Double Pulley			Double Pulley			Double Pulley		
								
<b>4169423</b>			<b>4169424</b>			<b>4169425</b>		
<b>Use on</b>			<b>Use on</b>			<b>Use on</b>		
942406H	52	FCA	942298(next)	48	FCA	942302H	42	FCA
942408H	52	FCA	942299H	52	FCA	942311H	42	FCA
942407J	61	FCA	942315H	52	FCA	942298H	48	FCA
942316J	61	FCA						
942409J	61	FCA						

# **PARTS SECTION**

BAG COLLECTION SYSTEM

PARTS BREAKDOWN  
COLLECTION SYSTEM





## BAG COLLECTION SYSTEM

### PARTS LIST COLLECTION SYSTEM

Ref.	English description	Qty.	Part #
1	Frame	1	4170668.7
2	Lid's frame	1	4170673.7
3	Right latch	1	4170674.7
4	Left latch	1	4170675.7
5	Link	1	4170655.7
6	Right support	1	4170656.7
7	Left support	1	4170657.7
8	Adjustment tube	1	4170208
9	Discharge tube	1	4170209
10	Left cover	1	4170210
11	Right cover	1	4170211
12	Bracket	1	4170169.7
13	Sleeve	2	4170177
14	Sleeve	2	4170676
15	Bracket	2	4170662.7
16	Filter	1	4170663
17	Bracket	2	4170198.7
18	Sleeve	2	4170214
19	Rubber hitch	1	4170216
20	Keeper plate	2	4170215
21	Knob	2	4170236
22	Washer	2	4170677
23	Gas cylinder	2	4170228
24	Bag	2	4170288
25	Seal	1	4170665
26	Spring	2	4170229
28	Rubber seal	1	4170165
29	Handle	1	4170234
30	Hex. bolt 1/4" n.c. x 1 3/4" GR5	2	64123-283

O/L = Obtain Locally

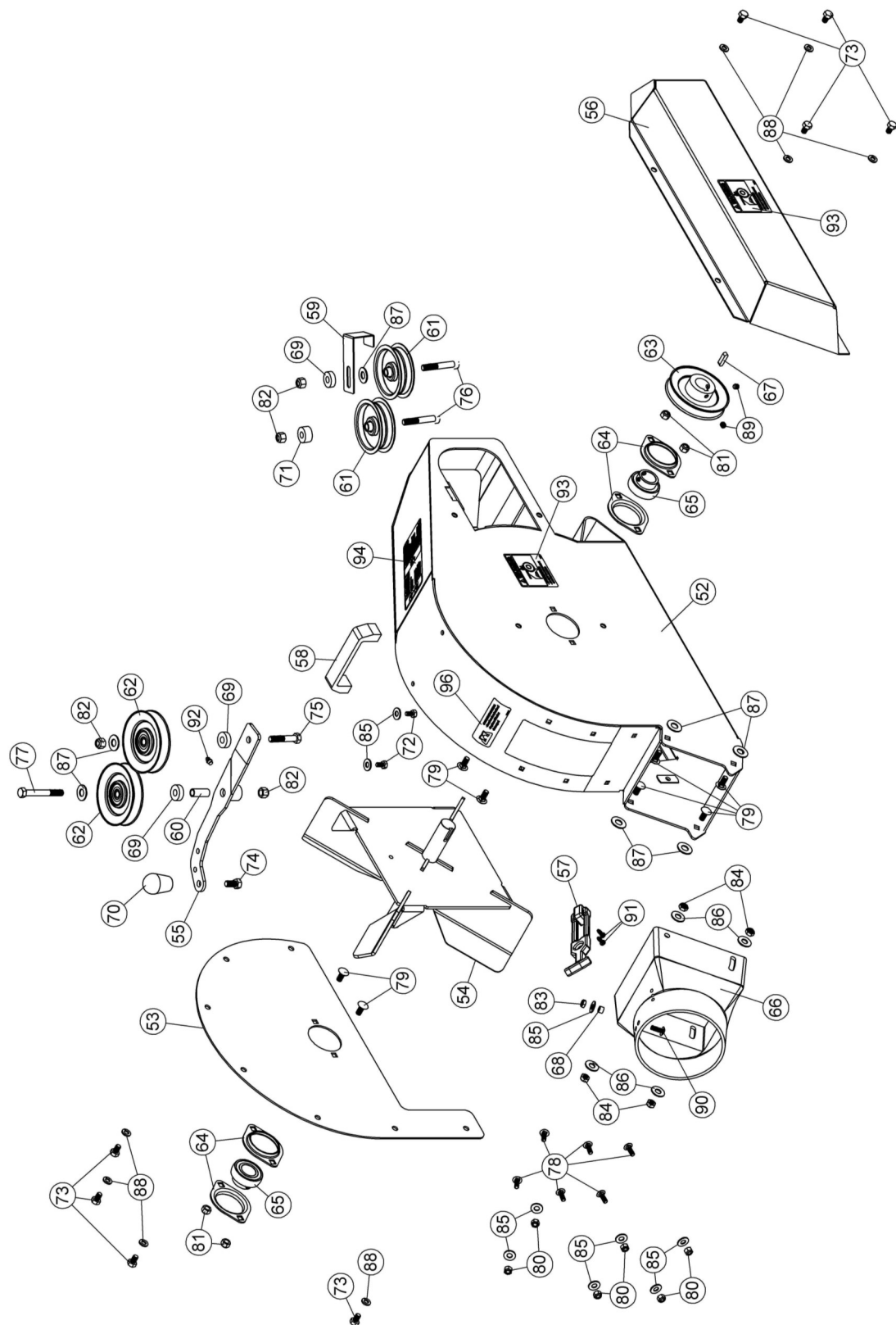
## BAG COLLECTION SYSTEM

PARTS LIST COLLECTION SYSTEM			
Ref.	English description	Qty.	Part #
31	Hex. bolt 3/8" n.c. x 1 1/4" GR5	8	64123-16
32	Hex. bolt 3/8" n.c. x 2 1/2" GR5	2	64123-82
33	Hex. bolt 7/16" n.c. x 1 3/4" GR5	2	64123-26
34	Carriage bolt 1/4" n.c. x 3/4 " GR5	4	64018-02
35	Carriage bolt 5/16" n.c. x 1 " GR5	2	64018-15
36	Nylon Insert lock Nut 3/8" n.c.	10	64229-03
37	Nylon Insert lock Nut 7/16" n.c.	2	64229-04
38	Nylon insert lock nut 1/4" n.c. (thin)	25	64151-38
39	Flat washer #10 hole	12	360.P_#10T
40	Flat washer 1/4" hole	4	360.P_1-4T
41	Flat washer 5/16" hole	2	360.P_5-16T
42	Flat washer 3/8" hole	2	64163-61
43	Flat washer 7/16" hole	4	360.P_7-16T
44	Machine screw T.H. 1/4" n.c. x 1/2"	20	394.P-1/4X1/2
45	Machine screw T.H. 1/4" n.c. x 3/4"	7	394.P-1/4X3/4
46	Tapping screw M5 x 12mm "T25 Torx drive"	4	408.P-T25-M5x12
47	Pop-rivet 3/16" LF x 3/8" no AD-66ABSLF	16	415-3/16LFX3/8
48	Decal BobCat	1	4158401
49	Caution decal projection	1	4170258
50	Decal pinch point	2	4137371
51	Serial number	1	REF

O/L = Obtain Locally

BAG COLLECTION SYSTEM

PARTS BREAKDOWN  
COLLECTION SYSTEM



## BAG COLLECTION SYSTEM

### PARTS LIST COLLECTION SYSTEM

Ref.	English description	Qty.	Part #
52	Blower frame w/ safety decals	1	4170239,7
53	Mounting plate	1	4170240,7
54	Fan	1	4170241,7
55	Tensioner	1	4170242,7
56	Belt guard with safety decal	1	4170243,7
57	Rubber hitch	1	4170233
58	Handle	1	4170234
59	Belt guide	1	4170244,7
60	Spacer	1	4170245
61	Flat pulley	2	4170246
62	V-Pulley	2	4170247
63	V-Pulley with set screws	1	4170248
64	Flangette	4	4170249
65	Bearing with set screw	2	4170250
66	Chute	1	4170251
67	Key 1/4" x 1/4" x 1.000"	1	64164-12
68	Sleeve	1	4170252
69	Spacer	3	4170253
70	Knob	1	4170254
71	Spacer	1	4170255
72	Hex. bolt 1/4" n.c. x 1/2" GR5	2	64123-49
73	Hex. bolt 5/16" n.c. x 1/2" GR5	8	64123-92
74	Hex. bolt 3/8" n.c. x 3/4" GR5	1	64123-15
75	Hex. bolt 3/8" n.c. x 2" GR5	1	64123-67
76	Hex. bolt 3/8" n.c. x 2 1/4" GR5	2	64123-100
77	Hex. bolt 3/8" n.c. x 3" GR5	1	64123-75
78	Carriage bolt 1/4" n.c. x 3/4 " GR5	6	64018-02
79	Carriage bolt 5/16" n.c. x 3/4 " GR5	8	64018-01
80	Nylon Insert lock Nut 1/4" n.c.	6	64229-01
81	Nylon Insert lock Nut 5/16" n.c. GR5	4	64229-02

O/L = Obtain Locally

## BAG COLLECTION SYSTEM

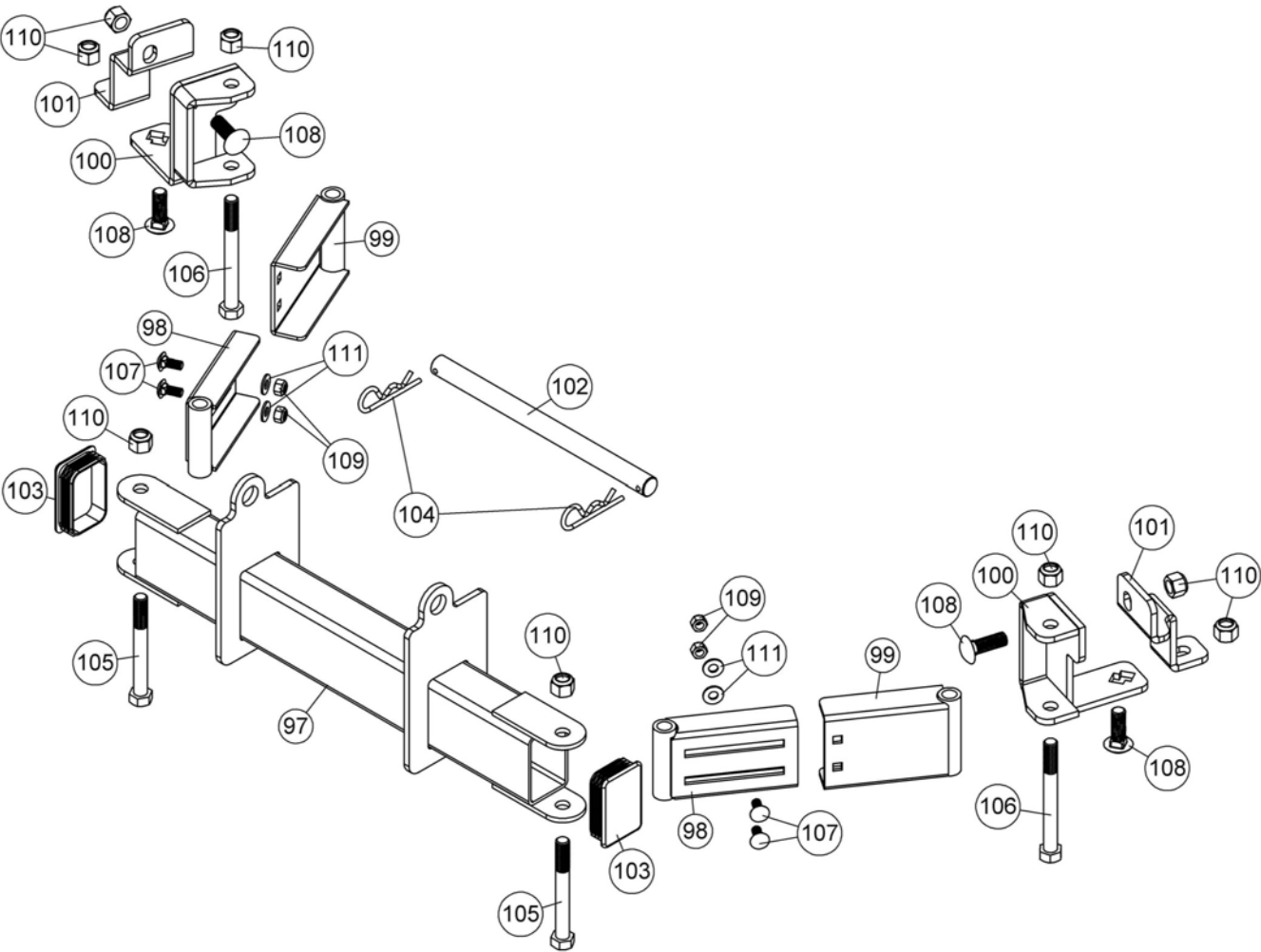
### PARTS LIST COLLECTION SYSTEM

Ref.	English description	Qty.	Part #
82	Nylon Insert lock Nut 3/8" n.c.	4	64229-03
83	Nylon insert lock nut 1/4" n.c. (thin)	1	64151-38
84	Nylon insert lock nut 5/16" n.c. (thin)	4	336NC.P-5/16
85	Flat washer 5/16" hole	9	360.P_5-16T
86	Flat washer 3/8" hole	4	64163-61
87	Flat washer 7/16" hole	7	360.P_7-16T
88	Lock washer 5/16"	8	64006-02
89	Socket head set screw 5/16" n.c. x 5/16"	2	391NC.N-5/16X5/16
90	Machine screw T.H. 1/4" n.c. x 3/4"	1	394.P-1/4X3/4
91	Tapping screw M5 x 12mm "T25 Torx drive"	2	408.P-T25-M5x12
92	Grease fitting 1/4" n.f.	1	85010N
93	Warning decal belt	2	2000577
94	Decal danger mower	1	4164269
95	Danger decal chute	1	4165975
96	Decal read instructions	1	2000735

O/L = Obtain Locally

**BAG COLLECTION SYSTEM**

**PARTS BREAKDOWN  
COLLECTION SYSTEM**



O/L = Obtain Locally

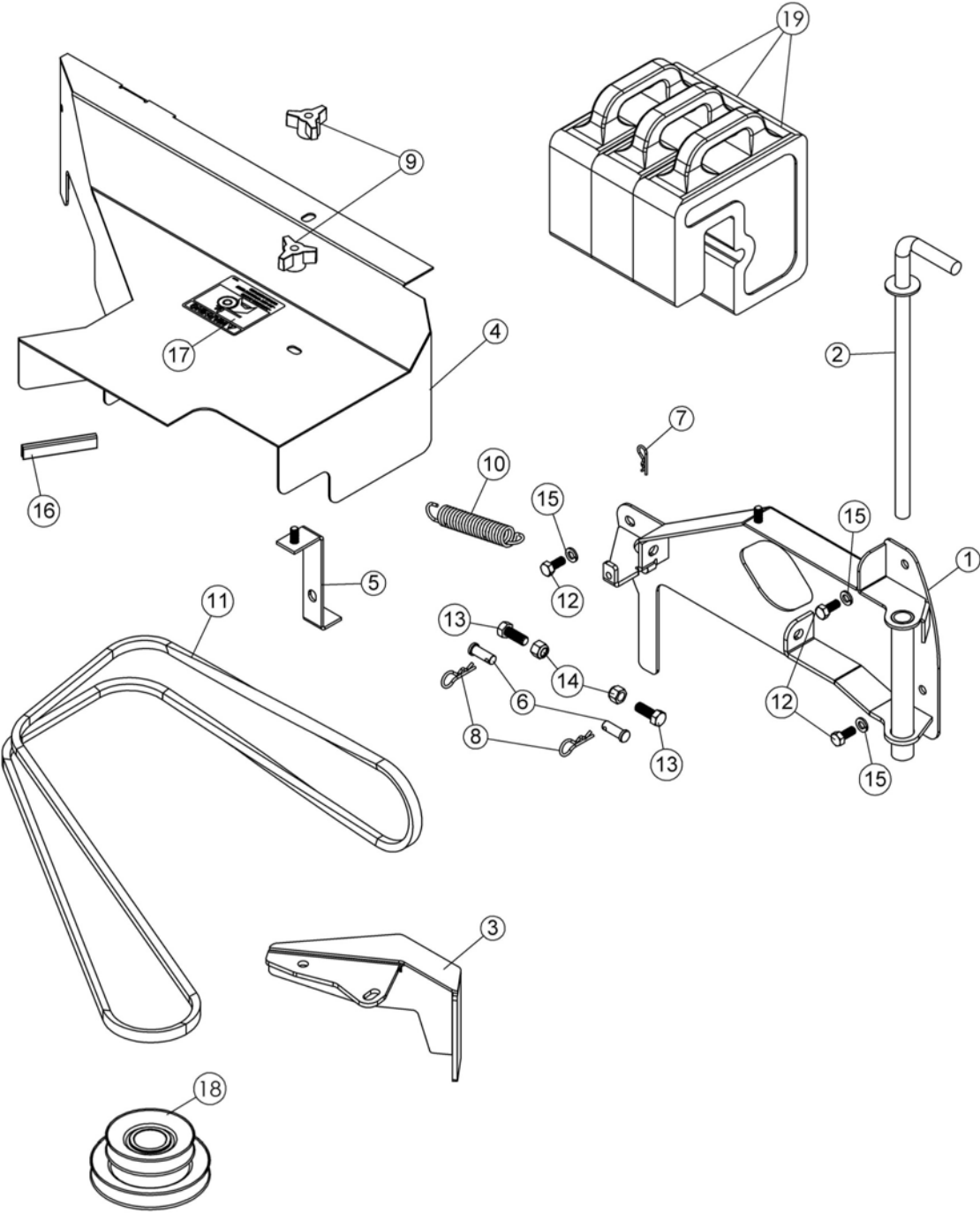
## DFS COLLECTION SYSTEM

### PARTS LIST COLLECTION SYSTEM

Ref.	English description	Qty.	Part #
97	Counterweight bracket	1	4170688.7
98	Male adjustment arm	2	4170689.7
99	Female adjustment arm	2	4170690.7
100	Bracket	2	4170691.7
101	Bracket	2	4170692.7
102	Pin	1	4170693
103	Plug for tube	2	4170694
104	Hair pin 4mm	2	102054
105	Hex. bolt 1/2" n.c. x 4 1/4" GR5	2	64123-96
106	Hex. bolt 1/2" n.c. x 4 3/4" GR5	2	64123-304
107	Carriage bolt 5/16" n.c. x 3/4 " GR5	4	64018-01
108	Carriage bolt 1/2" n.c. x 1 1/2" GR5	4	64018-8A
109	Nylon Insert lock Nut 5/16" n.c. GR5	4	64229-02
110	Nylon Insert lock Nut 1/2" n.c.	8	64229-05
111	Flat washer 5/16" hole	4	360.P_5-16T



**PARTS BREAKDOWN**  
**KIT-DECK, 48IN 8BU COLL SYSTEM 970514**

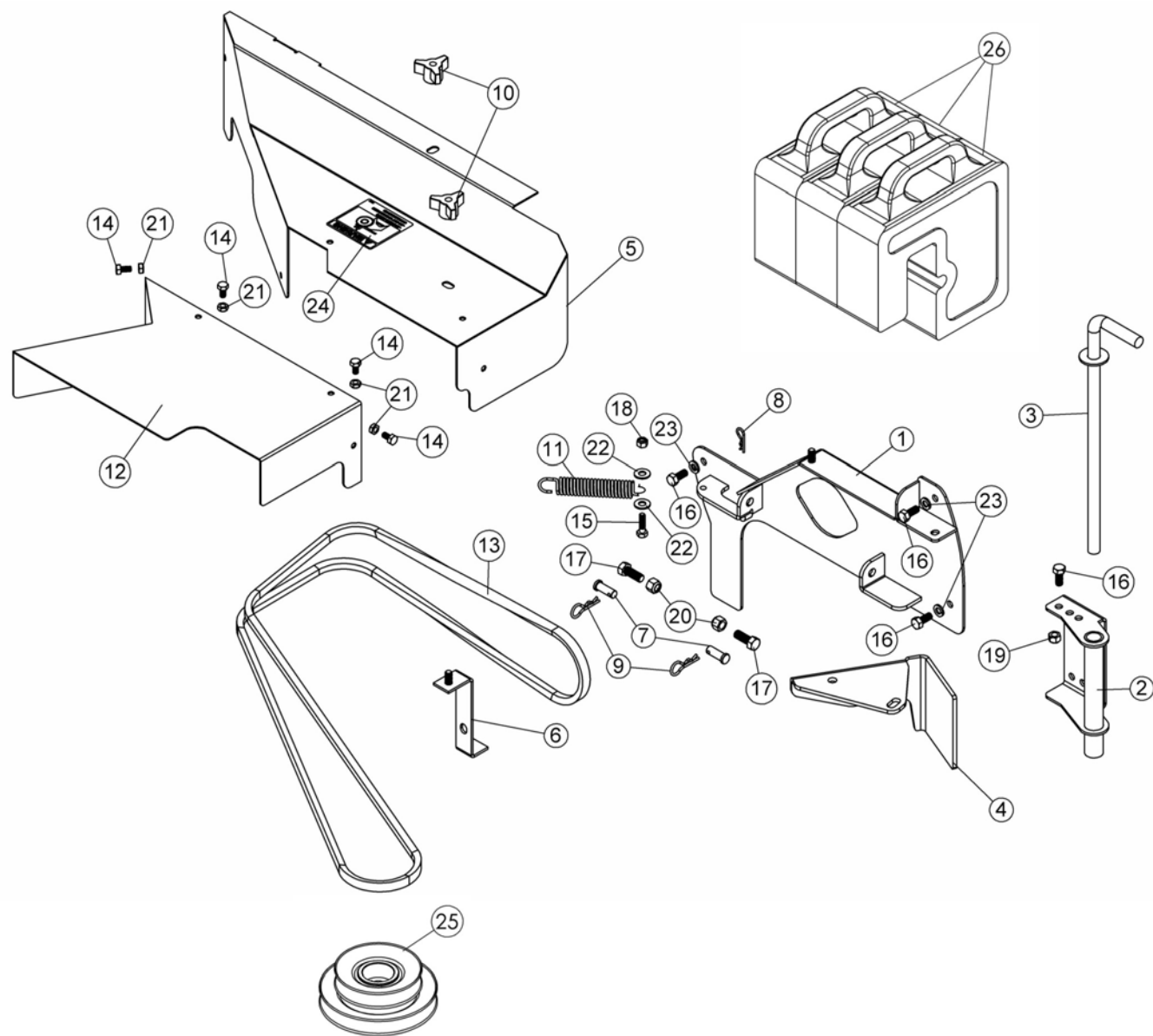


**COLLECTION SYSTEM KIT-DECK**

<b>PARTS LIST KIT-DECK, 48IN 8BU COLL SYSTEM 970514</b>			
<b>Ref.</b>	<b>English description</b>	<b>Qty.</b>	<b>Part #</b>
1	Blower hitch	1	4170679.7
2	Mounting pin	1	4170292,7
3	Baffle	1	4170680.7
4	Belt guard with safety decal	1	4170681.7
5	Bracket	1	4170295,7
6	Pin	2	64188-33
7	Hair pin 2mm	1	64168-2
8	Hair pin 2.5mm	2	64168-7
9	Knob	2	4170236
10	Spring	1	4170296
11	V-Belt , A-89	1	4170664
12	Hex. bolt 5/16" n.c. x 3/4" GR5	3	64123-54
13	Hex. bolt 3/8" n.c. x 1" GR5	2	64123-50
14	Nylon Insert lock Nut 3/8" n.c.	2	64229-03
15	Lock washer 5/16"	3	64006-02
16	Flex trim	1	56-053-14
17	Warning decal belt	1	2000577
18	Double Pulley	1	4169424
19	50lbs tractor ballast weight	3	62-540.7

O/L = Obtain Locally

**PARTS BREAKDOWN**  
**KIT-DECK, 52IN 8BU COLL SYSTEM 970515**

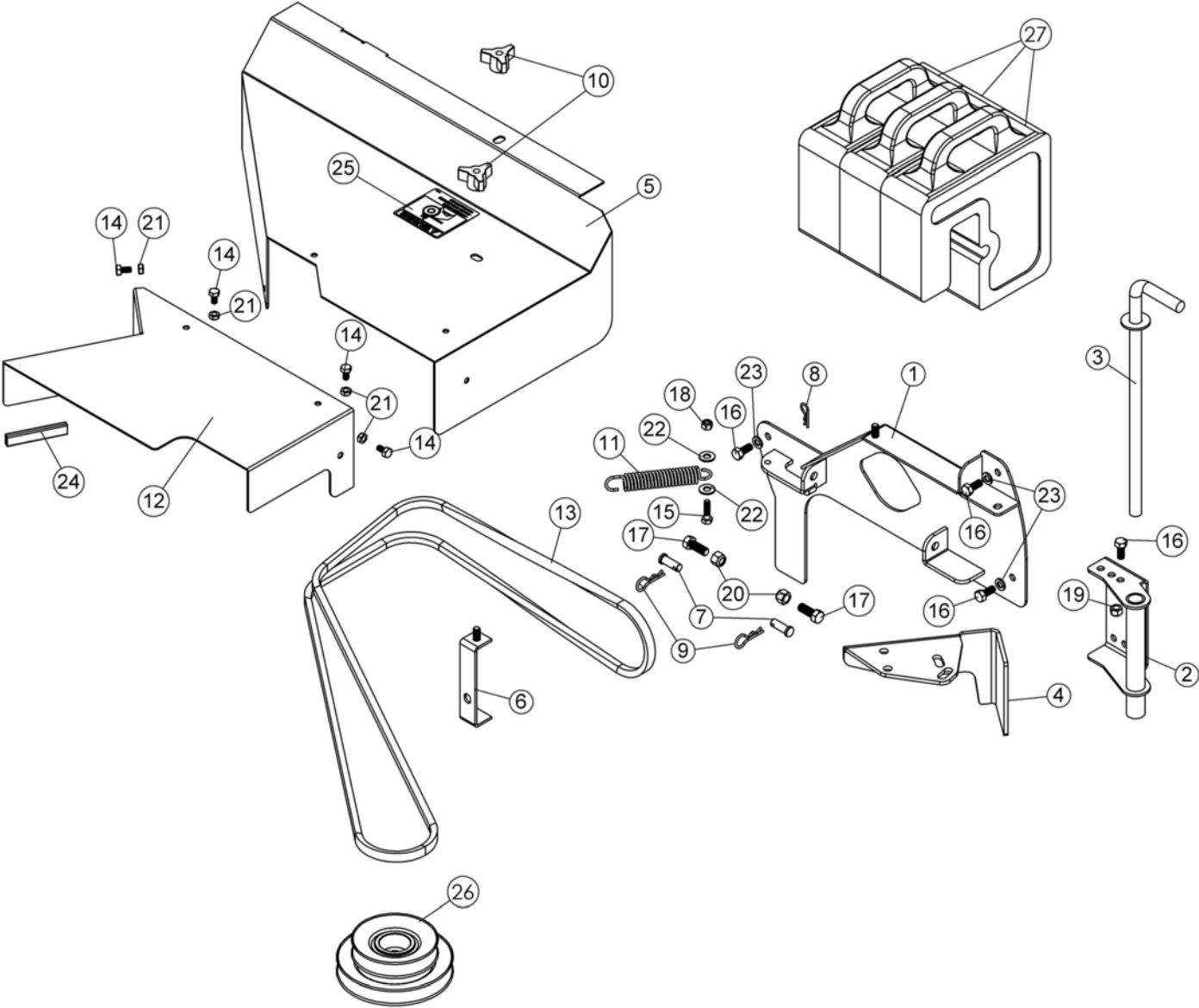


**COLLECTION SYSTEM KIT-DECK****PARTS LIST  
KIT-DECK, 52IN 8U COLL SYSTEM 970515**

Ref.	English description	Qty.	Part #
1	Blower hitch	1	4170290,7
2	Link tube	1	4170291,7
3	Mounting pin	1	4170292,7
4	Baffle	1	4170293,7
5	Belt guard with safety decal	1	4170294,7
6	Bracket	1	4170295,7
7	Pin	2	64188-33
8	Hair pin 2mm	1	64168-2
9	Hair pin 2.5mm	2	64168-7
10	Knob	2	4170236
11	Spring	1	4170296
12	Extension	1	4170682.7
13	V-Belt , A-93	1	4170297
14	Hex. bolt 1/4" n.c. x 1/2" GR5	4	64123-49
15	Hex. bolt 1/4" n.c. x 1" GR5	1	64123-114
16	Hex. bolt 5/16" n.c. x 3/4" GR5	4	64123-54
17	Hex. bolt 3/8" n.c. x 1" GR5	2	64123-50
18	Nylon Insert lock Nut 1/4" n.c.	1	64229-01
19	Nylon Insert lock Nut 5/16" n.c. GR5	1	64229-02
20	Nylon Insert lock Nut 3/8" n.c.	2	64229-03
21	Nylon insert lock nut 1/4" n.c. (thin)	4	64151-38
22	Flat washer 5/16" hole	2	360.P_5-16T
23	Lock washer 5/16"	3	64006-02
24	Warning decal belt	1	2000577
25	Double Pulley	1	4169423
26	50lbs tractor ballast weight	3	62-540.7

O/L = Obtain Locally

**PARTS BREAKDOWN**  
**KIT-DECK, 61IN 8BU COLL SYSTEM 970516**



**COLLECTION SYSTEM KIT-DECK****PARTS LIST**  
**KIT-DECK, 61IN 8BU COLL SYSTEM 970516**

Ref.	English description	Qty.	Part #
1	Blower hitch	1	4170290,7
2	Link tube	1	4170291,7
3	Mounting pin	1	4170292,7
4	Baffle	1	4170298,7
5	Belt guard with safety decal	1	4170299,7
6	Bracket	1	4170300,7
7	Pin	2	64188-33
8	Hair pin 2mm	1	64168-2
9	Hair pin 2.5mm	2	64168-7
10	Knob	2	4170236
11	Spring	1	4170296
12	Extension	1	4170682.7
13	V-Belt , A-92	1	4170301
14	Hex. bolt 1/4" n.c. x 1/2" GR5	4	64123-49
15	Hex. bolt 1/4" n.c. x 1" GR5	1	64123-114
16	Hex. bolt 5/16" n.c. x 3/4" GR5	4	64123-54
17	Hex. bolt 3/8" n.c. x 1" GR5	2	64123-50
18	Nylon Insert lock Nut 1/4" n.c.	1	64229-01
19	Nylon Insert lock Nut 5/16" n.c. GR5	1	64229-02
20	Nylon Insert lock Nut 3/8" n.c.	2	64229-03
21	Nylon insert lock nut 1/4" n.c. (thin)	4	64151-38
22	Flat washer 5/16" hole	2	360.P_5-16T
23	Lock washer 5/16"	3	64006-02
24	Flex trim	1	56-053-14
25	Warning decal belt	1	2000577
26	Double Pulley	1	4169423
27	50lbs tractor ballast weight	3	62-540.7

O/L = Obtain Locally

# BAG COLLECTION SYSTEM

## TORQUE SPECIFICATION TABLE

### GENERAL TORQUE SPECIFICATION TABLE

#### USE THE FOLLOWING TORQUES WHEN SPECIAL TORQUES ARE NOT GIVEN

NOTE: These values apply to fasteners as received from supplier, dry or when lubricated with normal oil. They do not apply if special graphited or moly disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads.

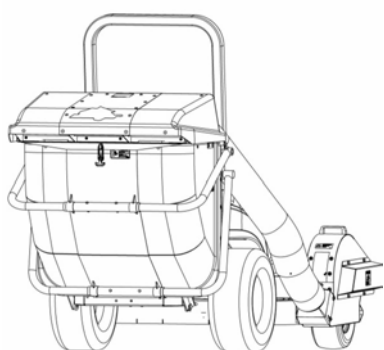
SEE Grade No.		2				5				8 *			
BOLT HEAD IDENTIFICATION MARKS AS PER GRADE NOTE MANUFACTURING		TORQUE				TORQUE				TORQUE			
BOLT SIZE		POUNDS FEET		NEWTON-METERS		POUNDS FEET		NEWTON-METERS		POUNDS FEET		NEWTON-METERS	
Inches	Millimetre	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/4"	6.35	5	6	6.8	8.13	9	11	12.2	14.9	12	15	16.3	30.3
5/16"	7.94	10	12	13.6	16.3	17	20.5	23.1	27.8	24	29	32.5	39.3
3/8"	9.53	20	23	27.1	31.2	35	42	47.5	57	45	54	61	73.2
7/16"	11.11	30	35	40.7	47.4	54	64	73.2	86.8	70	84	94.9	113.9
1/2"	12.7	45	52	61	70.5	80	96	108.5	130.2	110	132	149.2	179
9/16"	14.29	65	75	88.1	101.6	110	132	149.2	179	160	192	217	260.4
5/8"	15.88	95	105	128.7	142.3	150	180	203.4	244.1	220	264	298.3	358
3/4"	19.05	150	185	203.3	250.7	270	324	366.1	439.3	380	456	515.3	618.3
7/8"	22.23	160	200	216.8	271	400	480	542.4	650.9	600	720	813.6	976.3
1"	25.4	250	300	338.8	406.5	580	696	786.5	943.8	900	1080	1220.4	1464.5

\*Thick nuts must be used with grade 8 bolts

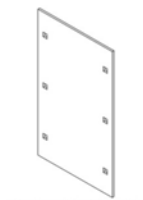
METRIC BOLT TORQUE SPECIFICATIONS							
Size Screw	Grade No.	COARSE THREAD			FINE THREAD		
		Pitch (mm)	Pounds Feet	Newton-Meters	Pitch (mm)	Pounds Feet	Newton-Meters
M6	4T	1.00	3.6 - 5.8	4.9 - 7.9	-	-	-
	7T		5.8 - 9.4	7.9 - 12.7		-	-
	8T		7.2 - 10	9.8 - 13.6		-	-
M8	4T	1.25	7.2 - 14	9.8 - 19	1.00	12 - 17	16.3 - 23
	7T		17 - 22	23 - 29.8		19 - 27	25.7 - 36.6
	8T		20 - 26	27.1 - 35.2		22 - 31	29.8 - 42
M10	4T	1.50	20 - 25	27.1 - 33.9	1.25	20 - 29	27.1 - 39.3
	7T		34 - 40	46.1 - 54.2		35 - 47	47.4 - 63.7
	8T		38 - 46	51.5 - 62.3		40 - 52	54.2 - 70.5
M12	4T	1.75	28 - 34	37.9 - 46.1	1.25	31 - 41	42 - 55.6
	7T		51 - 59	69.1 - 79.9		56 - 68	75.9 - 92.1
	8T		57 - 66	77.2 - 89.4		62 - 75	84 - 101.6
M14	4T	2.00	49 - 56	66.4 - 75.9	1.50	52 - 64	70.5 - 86.7
	7T		81 - 93	109.8 - 126		90 - 106	122 - 143.6
	8T		96 - 109	130.1 - 147.7		107 - 124	145 - 168
M16	4T	2.00	67 - 77	90.8 - 104.3	1.50	69 - 83	93.5 - 112.5
	7T		116 - 130	157.2 - 176.2		120 - 138	162.6 - 187
	8T		129 - 145	174.8 - 196.5		140 - 158	189.7 - 214.1
M18	4T	2.00	88 - 100	119.2 - 136	1.50	100 - 117	136 - 158.5
	7T		150 - 168	203.3 - 227.6		177 - 199	239.8 - 269.6
	8T		175 - 194	237.1 - 262.9		202 - 231	273.7 - 313
M20	4T	2.50	108 - 130	146.3 - 176.2	1.50	132 - 150	178.9 - 203.3
	7T		186 - 205	252 - 277.8		206 - 242	279.1 - 327.9
	8T		213 - 249	288.6 - 337.4		246 - 289	333.3 - 391.6



## OPTIONS & ACCESSORIES



**970512 BOSS-VAC™,  
8 BUSHEL DFS,  
COLLECTION SYSTEM**  
Rear mount collection system for  
BobCat mowers FastCat,  
48-52-61" model



**4170501 Wrapper plate**  
Inner #11ga wrapper plate to bolt on  
blower housing from collection system  
#970473 or #970474.  
For a repair or preventative measure.

**\*These accessories may need other parts\***

**NOTES**

[illegible]

**NOTES**

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**NOTES**

[illegible]

**SCHILLER GROUNDS CARE, INC.**  
**ONE BOB-CAT LANE**  
**P.O. BOX 469**  
**JOHNSON CREEK, WI 53038**  
**920-699-2000**  
**[www.schillergc.com](http://www.schillergc.com)**



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