



Collection System

967024401 / DFS PZ



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.



CAUTION

BEFORE ASSEMBLING GRASS CATCHER TO MOWER

- **Set parking brake.**
- **Place motion control levers in NEUTRAL position.**
- **Turn ignition key OFF and remove key.**
- **Make sure the blades and all moving parts have completely stopped.**
- **Disconnect spark plug and place wire where it cannot come in contact with plug.**

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CONGRATULATIONS on the purchase of a new collection system. It has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact the nearest authorized service center/ department. They have competent, well-trained technicians and the proper tools for service and repairs.

Please read and retain this manual. The instructions will enable you to assemble and maintain the collection system properly. Always observe the SAFETY RULES.

KNOW YOUR BLOWER SYSTEM

READ THIS OPERATION MANUAL AND SAFETY RULES BEFORE ASSEMBLING OR OPERATING YOUR BLOWER SYSTEM. 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 the Grass Catcher and to prevent injury to yourself and others. Save this manual for future reference.



WARNING!

Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



WARNING!

The operation of any mower 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 the mower and while mowing. Standard safety glasses are recommended or a wide vision safety mask for over spectacles.

SAFETY RULES



SAFE OPERATION PRACTICES FOR RIDE-ON MOWERS



DANGER!

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.

GENERAL OPERATION

- NEVER USE THE COLLECTION SYSTEM WITHOUT THE BLOWER ASSEMBLY AND HOSES SECURELY ATTACHED.
- Make sure hoses are connected at both ends. Inspect hoses prior to each use.
- Do not stand behind the vent at the rear of the collection system due to the potential for small pieces of blowing debris to escape through the vent.
- Wear eye and ear protection.
- Read, understand and follow all instructions in the manual and on the machine before starting.
- Only allow responsible adults, who are familiar with the instructions, to operate the machine.
- Clear the area of objects such as rocks, stones, toys, wire etc., which could be picked up and thrown by the blades.
- Be sure the area is clear of all people and pets before mowing. Stop the machine if anyone enters the area.
- Never carry passengers or children even with blades off.
- Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
- Be aware of the mower discharge direction and do not direct it towards anyone. Do not operate the mower without either the entire grass catcher or the guard in place.
- Slow down before turning.
- Never leave the machine unattended when the engine is running. Always turn off the blades, set the parking brake, stop the engine and remove the key before leaving the machine.
- Turn off blades when not mowing.
- Never attempt to unclog the collection system until the mower engine has been shut off and all moving parts have come to a complete stop.
- Mow only in daylight or good artificial light.

- Do not operate the machine while under the influence of alcohol or drugs.
- Watch out for traffic when operating near or crossing roadways.
- Use extra care when loading and unloading the machine onto a trailer or truck.
- 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.
- **DO NOT** operate mower with grass catcher, unless the front weights are installed.
- Keep machine free of grass, leaves or other debris buildup which can touch hot exhaust/engine parts and burn. Do not allow the mower deck to plow leaves or other debris which can cause buildup to occur. Clean any oil or fuel spillage before operating or storing the machine. Allow machine to cool before storage.

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 on it, do not mow it.

DO

- Mow up and down slopes (10° Max.), not across.
- Remove obstacles such as rocks, tree limbs, etc.
- Watch for holes, ruts, or bumps. Uneven terrain could overturn the machine. **Tall grass can hide obstacles.**
- Use slow speed. Choose a low speed so that you will not have to stop while on the slope.
- Use extra care with grass catchers or other attachments. These can change the stability of the machine.
- Keep all movement on the slopes **slow** and **gradual**. Do not make sudden changes in speed or direction.

SAFETY RULES



SAFE OPERATION PRACTICES FOR RIDE-ON MOWERS



- Avoid starting or stopping on a slope. If tires lose traction, disengage the blades and proceed slowly **straight** down the slope.

DO NOT

- **Do not** turn on slopes unless necessary, and then, turn slowly and gradually downhill, if possible.
- **Do not** mow near drop-off, ditches, or embankments. The mower could suddenly turn over if a wheel is over the edge of a cliff or ditch, or if an edge caves in.
- **Do not** mow on wet grass. Reduced traction could cause sliding.
- **Do not** try to stabilize the machine by putting your foot on the ground.

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.

- **NEVER allow children to operate the machine.**
- Keep children out of the mowing area and under the watchful care of another responsible adult.
- Be alert and turn off the machine if children enter the area.
- Before and when backing, look behind and **down** for small children.
- Never carry children. They may fall off and be seriously injured or interfere with safe machine operation.
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.

SERVICE

- The operation of any mower can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating the mower or performing any adjustments or repairs. We recommend a wide vision safety mask over spectacles or standard safety glasses.

- Use extra care in handling gasoline and other fuels. They are flammable and vapors are explosive.
 - Use only an approved container.
 - Never remove gas cap or add fuel with the engine running.
 - Allow engine to cool before refueling.
 - Do not smoke.
 - Never refuel the machine indoors.
 - Never store the machine or fuel container inside where there is an open flame, such as a water heater.
- Never run a machine inside a closed area.
- Keep nuts and bolts, especially blade attachment bolts, tight and keep equipment in good condition.
- Never tamper with safety devices. Check regularly for proper operation.
- Keep machine free of grass, leaves, or other debris buildup. Clean oil or fuel spillage. Allow machine to cool before storing.
- Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting.
- Never make adjustments or repairs with the engine running.
- 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.
- Mower blades are sharp and can cut. Wrap the blade(s) or wear gloves, and use extra caution when servicing them.
- Check brake operation frequently. Adjust and service as shown in the Operator's Manual.



CAUTION

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.

ASSEMBLY

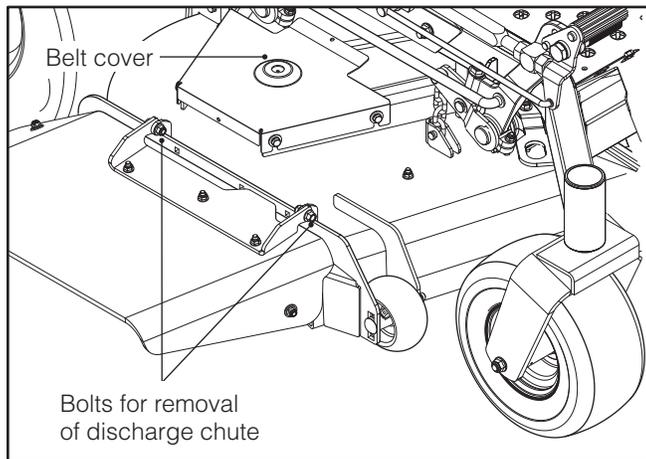
TOOLS REQUIRED

- | | |
|--|-----------------------------|
| Wrench $\frac{5}{16}$ " (2) | Wrench $1\frac{1}{4}$ " (1) |
| Wrench $\frac{3}{4}$ " (1) | Wrench $\frac{9}{16}$ " (2) |
| Wrench $\frac{1}{2}$ " (1) | Wrench $\frac{7}{16}$ " (1) |
| Wrench $\frac{15}{16}$ " (1) | |
| Screwdriver, standard (1) | |
| Breaker bar with $\frac{15}{16}$ " socket | |
| Torque wrench | |
| Socket $\frac{1}{2}$ " | |
| Ratchet with $\frac{3}{8}$ " drive, 6" extension | |

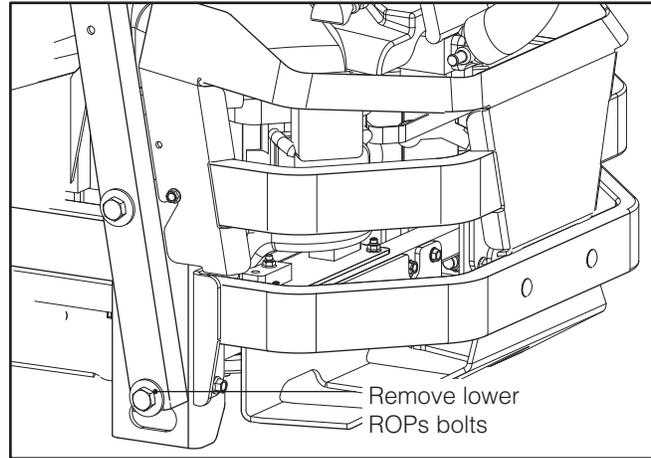
NOTE: When right hand (RH) and left hand (LH) are mentioned in this manual, it means when you are seated on the mower in the operator's position.

1 INSTALLING COLLECTOR

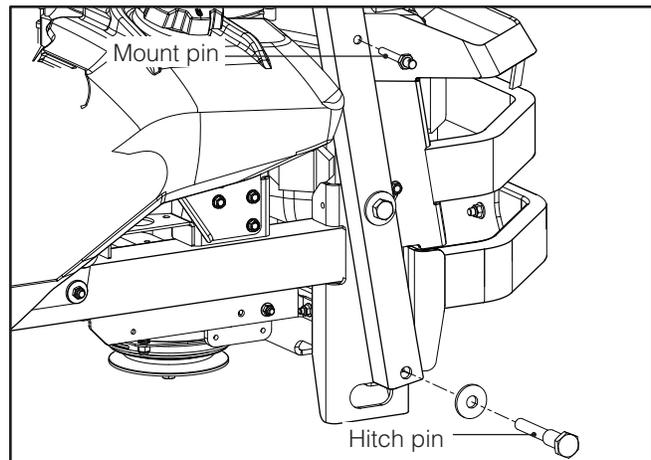
1. Using two $\frac{9}{16}$ " wrenches, remove the hardware and discharge chute from the deck. (Deck configuration will vary by size.)
NOTE: retain the discharge chute and hardware for reuse when removing the collection system.
2. Set deck to the lowest cutting position.
3. With a $\frac{1}{2}$ " wrench, remove the hardware of the right hand (discharge side) belt cover and remove the shield from the deck.



4. Using two $\frac{15}{16}$ " wrenches, remove the lower ROPS bolts on each side, retaining washer and nut for the next step.



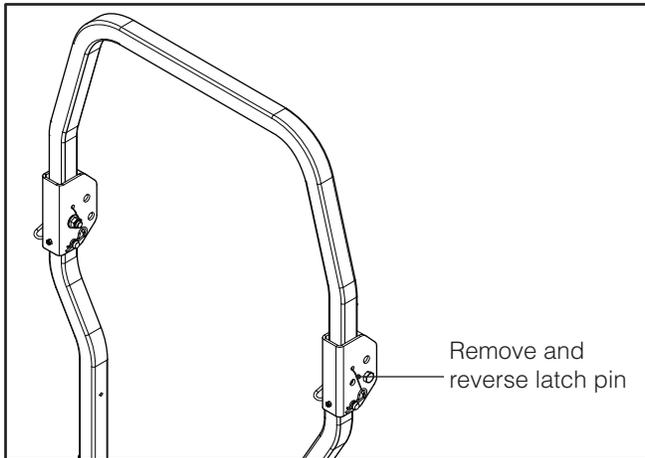
5. Install a hitch pin, washer and nut on each side where the ROPS bolt was removed. Tighten hitch pins and nuts with $\frac{15}{16}$ " and $1\frac{1}{4}$ " wrenches.
6. Install the mount pins through the rollover protection system (ROPS) tube in predrilled holes approximately 18" up from bottom of ROPS tube. The pin will pass from the outside in so threads are on the inside of the tube. Secure each side with nuts and tighten using $\frac{3}{4}$ " and $\frac{9}{16}$ " wrenches.



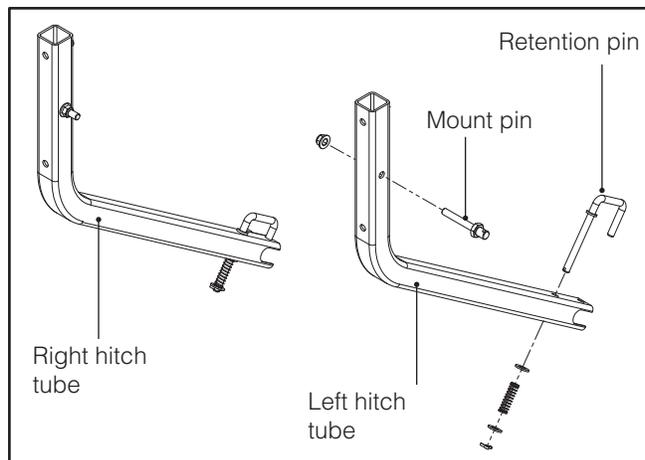
ASSEMBLY

2 ASSEMBLING AND INSTALLING THE HOPPER

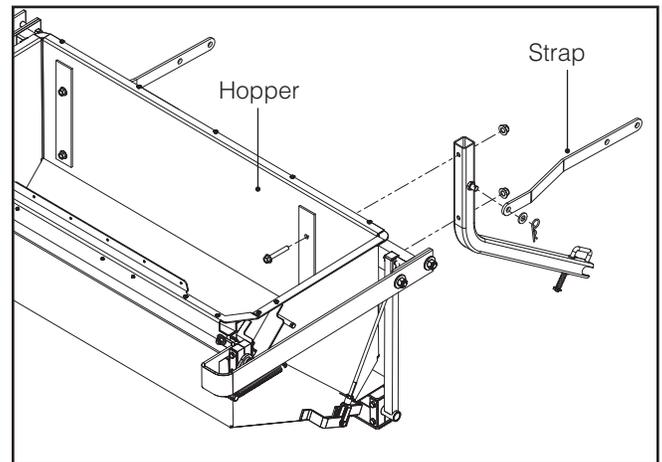
1. Remove the left hand ROPS latch pin and reinstall it on the handle on the opposite side of the hinge.



2. On each hitch tube, install the retention pin assembly on the lower end as illustrated.
3. Attach the mount pins on the upper ends of the hitch tubes, making sure that the bolt head sits on the outside of the tube.

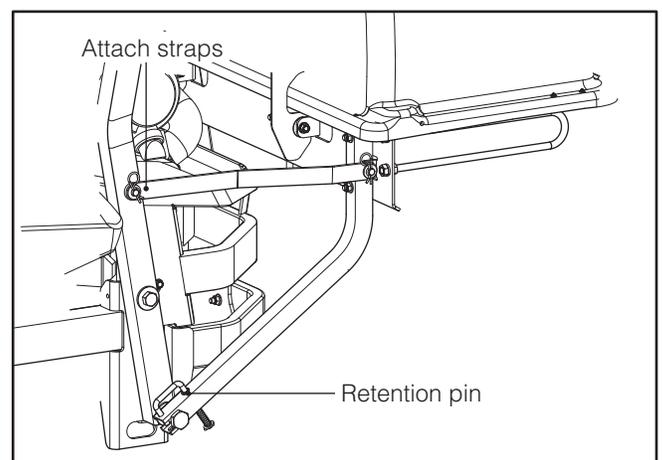


4. Attach the straps to the hitch tube mount pins, add washers and secure with retainers. Fasten the hitch tubes to the rear of the hopper with two bolts and nuts per side.
5. Secure the hopper door closed with a rope, ties or clamps for the next steps.



NOTE: It is recommended that two people lift the hopper assembly onto the mower.

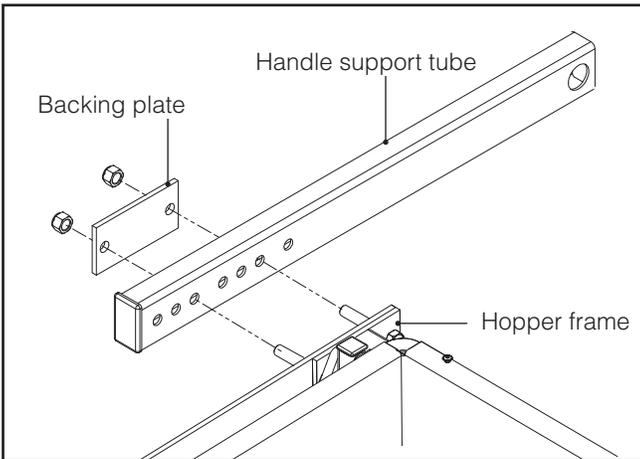
6. Pull the spring loaded retention pins up and rotate them outwards. With the hopper positioned close to the rear of the mower, lift the hopper up and onto the hitch pins installed on the ROPS. Attach the straps to the upper mount pins on the ROPS, add washers and secure with retainers. Rotate the retention pins inwards and set the ends through the holes in the hitch tubes to lock the hitch tubes onto the hitch pins.



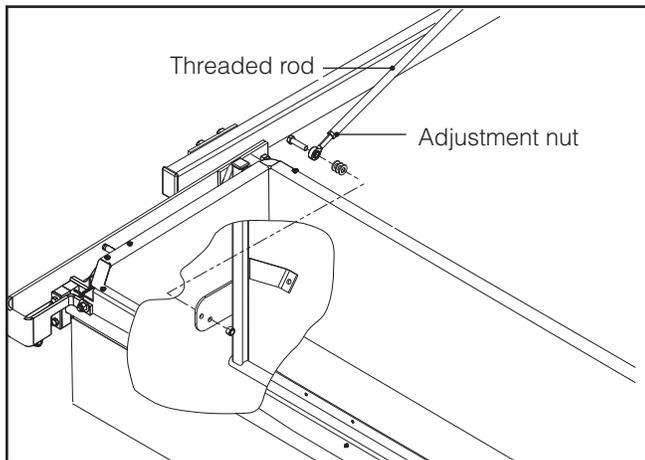
ASSEMBLY

3 HANDLE ASSEMBLY

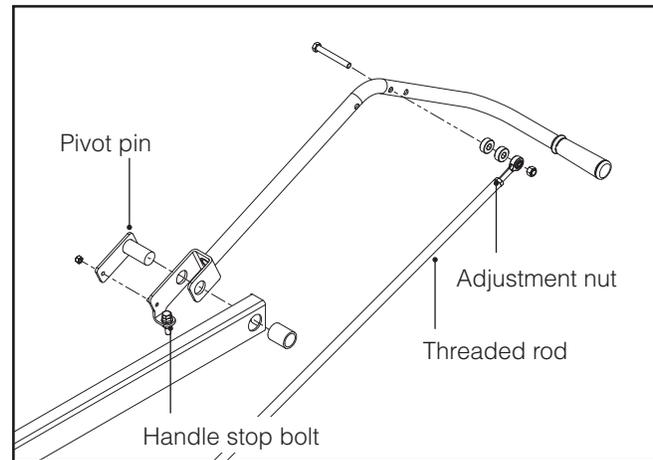
1. Locate the small backing plate that has been secured to the left hand side of the hopper frame for shipment.
2. Remove the plate and discard the original bolts. Install the handle support tube to the side of the hopper and secure it with the backing plate and two 3" bolts from the kit and the original hopper bolts. See the illustration for correct positioning of the handle support tube.



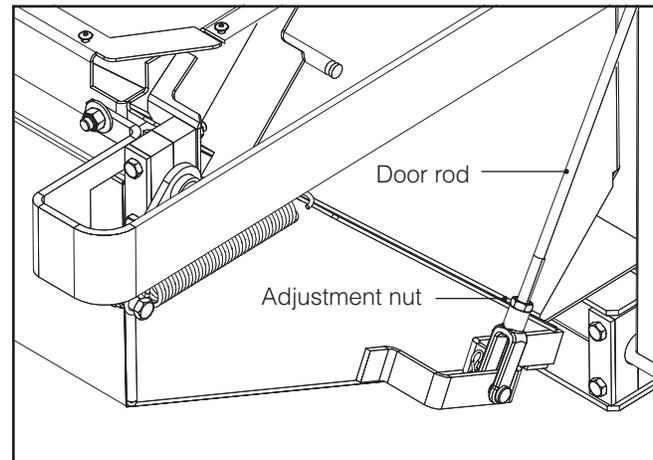
3. On each end of the threaded rod, use the adjustment nuts to have $\frac{1}{2}$ " of thread show past the nut.
4. Attach the threaded rod to the door linkage.



5. Align the mounting holes of the handle support tube and the handle. Connect the handle to the tube support with the pivot pin.
6. Attach the threaded rod to the upper handle, using the illustration for correct positioning.



7. One each side, detach the door rod from the hopper by removing the yoke retainer pin. Use the adjustment nuts to have $\frac{1}{4}$ " of thread show past the nut. Reconnect the door rods to the hopper.



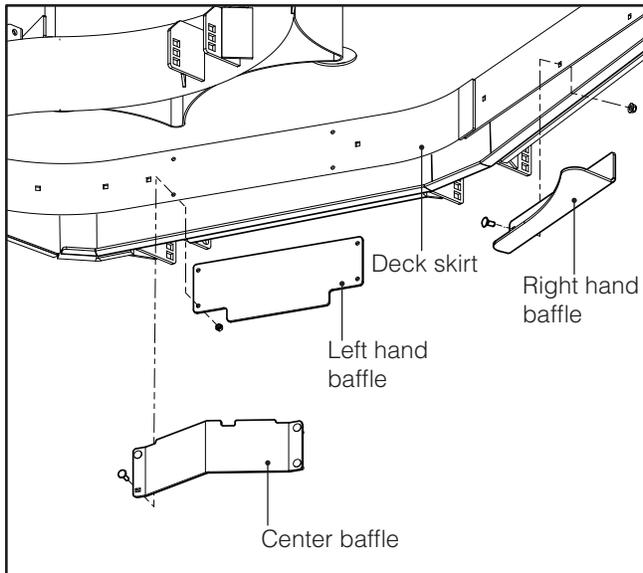
8. Adjust the handle stop bolt on the handle hinge so the handle sits approximately 2" above the fuel tank.
9. Remove the rope or clamp holding the hopper door closed. Adjust nuts on the threaded rod and door rods to set the door closure and set the threaded rod to pass overcenter of the handle. The overcenter provides a locking feature for the hopper door.

ASSEMBLY

4 INSTALLING BLOW OUT BAFFLES

NOTE: The collection system includes optional deck baffling designed to help prevent blow out when collecting in extremely dry cutting conditions. If cutting conditions are not extremely dry, baffling may not be required.

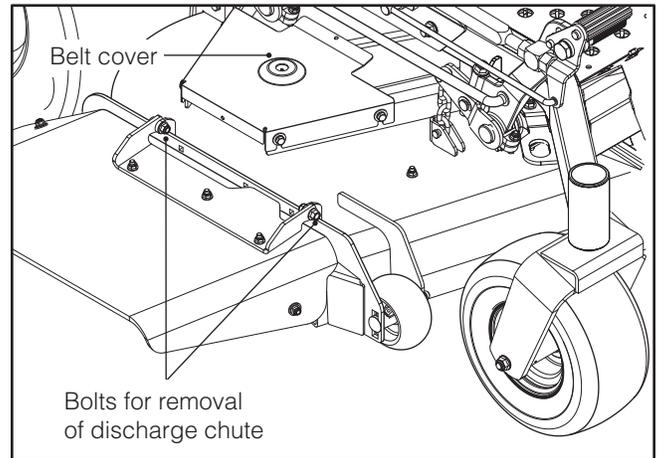
1. Remove hardware from deck's center baffle.
2. Place the left hand baffle from the kit between the deck skirt and the front edge of deck.
3. Secure the left hand baffle and the center baffle to the deck skirt with four 1" carriage bolts and nuts supplied with the kit, using a $\frac{7}{16}$ " wrench.
4. With a $\frac{1}{2}$ " wrench, install the right hand baffle on blade side of deck skirt and secure with two $\frac{1}{2}$ " carriage bolts and nuts from the kit.



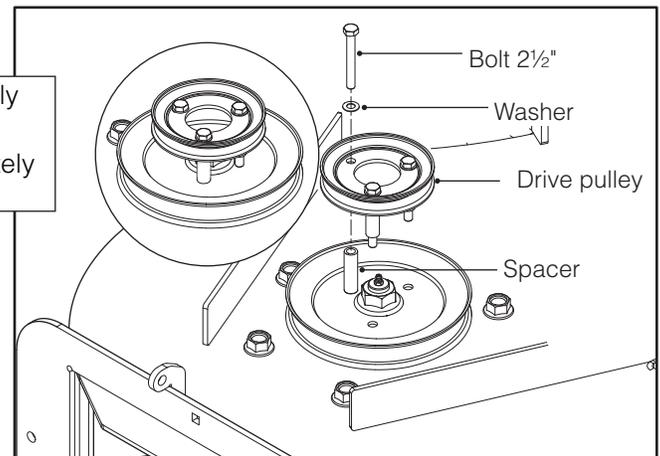
Use larger (approximately $4\frac{3}{4}$ ") pulley for 60" deck.
Use smaller (approximately $4\frac{1}{2}$ ") pulley for 54" deck.

5 INSTALLING DRIVE PULLEY

1. Using two $\frac{9}{16}$ " wrenches, remove the hardware and discharge chute from the deck. (Deck configuration will vary by size.)
2. Lower deck to the lowest cutting position.
3. With a $\frac{1}{2}$ " wrench, remove the hardware of the right hand (discharge side) belt cover and remove the shield from the deck.



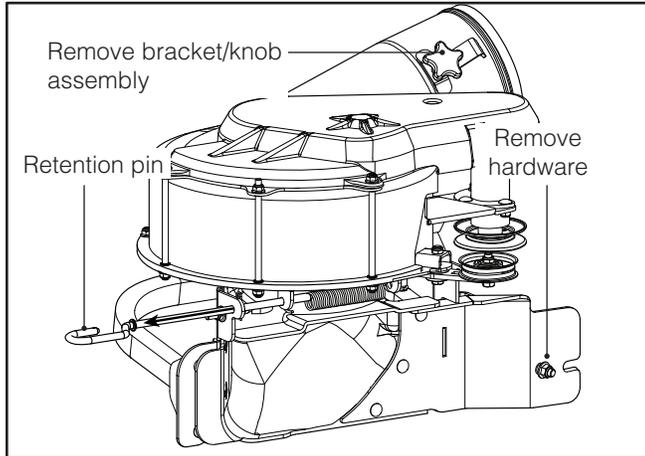
4. Relieve the tension from the deck belt and remove it from the center deck pulley. (See Operator's Manual if necessary)
5. Remove the bolts and washers securing the right hand deck pulley to the spindle with a $\frac{1}{2}$ " wrench. Do not remove the pulley.
6. Install new drive pulley on top of the current deck pulley, placing spacers in between. Use a $\frac{1}{2}$ " wrench to secure the three $2\frac{1}{2}$ " bolts and spring washers to the top of the pulley. See illustration.
7. Reinstall the deck belt.



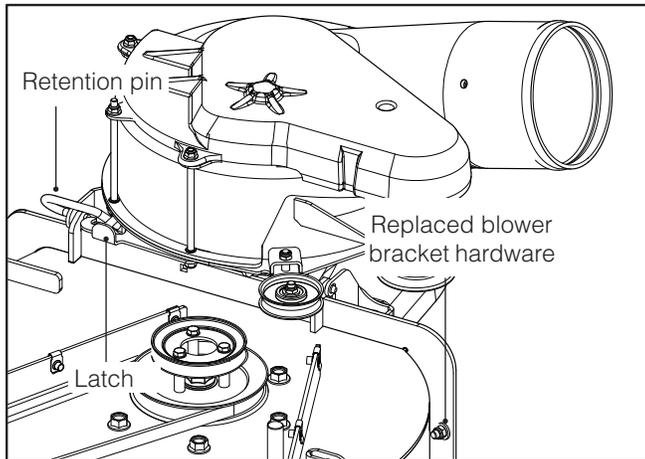
ASSEMBLY

6 MOUNTING BLOWER ASSEMBLY

NOTE: Hose bracket/knob assembly is no longer used. Remove from the blower if needed.



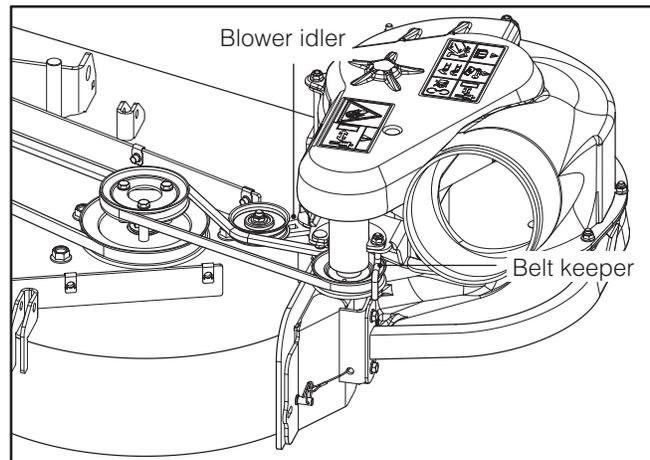
1. At the rear of the blower, remove the bolt, spacer and nut that are secured to the bracket.
2. Reinstall the hardware removed in Step 1 through hole in rear blower deck.



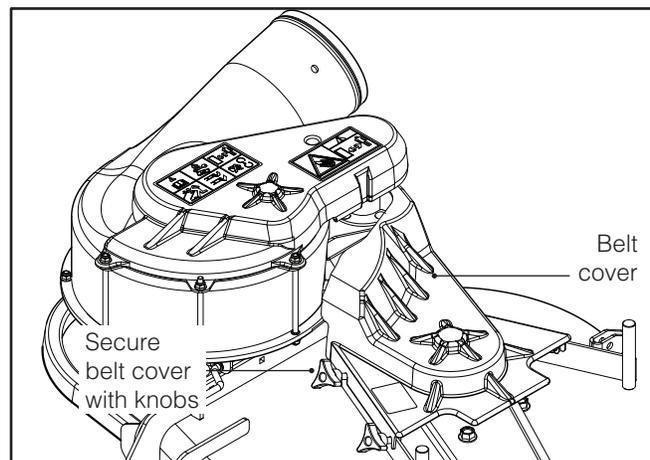
3. Slide the retention pin towards the front of the blower and set the blower on the deck. The deck's discharge mounting tabs will fit between the mount brackets on the blower.
4. Slide the retention pin back towards the rear of the blower, assuring it passes through the discharge mounting tabs on the deck.
5. Rotate the latch to hook over the retention pin.

7 INSTALLING DRIVE BELT AND HOSE

1. Install drive belt around pulley on blower.
NOTE: 54" Deck belt P/N 539100439, 60" Deck belt P/N 574 216101. See belt.
2. Rotate belt keeper within $\frac{1}{8}$ " of blower pulley and tighten with $\frac{1}{2}$ " wrench.
3. Rotate blower idler towards front of blower and place belt over deck pulley. Use a breaker bar in the idler opening if necessary. See illustration for correct belt routing.



4. Set drive kit deck belt cover over deck pulleys and secure with knobs.

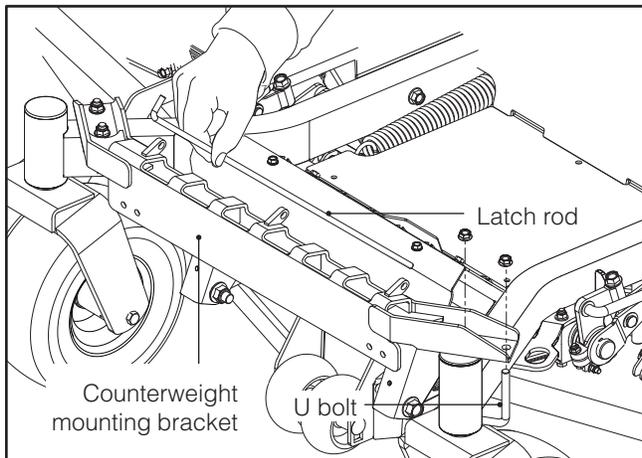


5. Attach the hose to the blower and hopper hood inlet. and secure with hose clamps.
6. Check the clearance between the collection hose and the tire to make sure there is no interference. Detach, shorten and reconnect the hose if necessary.
7. Replace the rear mount pin and retainer if removed for belt installation.

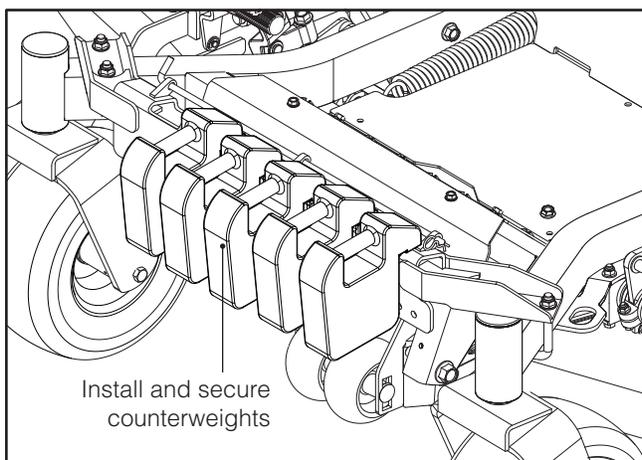
ASSEMBLY

8 INSTALLING COUNTER WEIGHTS

1. Install the counterweight mounting bracket assembly onto the front frame between the casters. Secure the U-bolts under the frame and up through the bracket ends. Fasten the U-bolts with supplied nuts.
2. Remove the retainer from the assembly latch rod and slide the rod out of the bracket.



3. Set the five counterweights into the mounting bracket, leaving the right hand side slot open.
4. Reinstall the latch rod and secure it with the retainer.



CAUTION

- **DO NOT** operate mower without the counterweights installed or with grass catcher only partially installed.
- **Disengage blades and stop engine before leaving mower seat to empty hopper, unclogging chutes, etc.**
- **Close cover before starting.**
- **Disengage mower blades when crossing driveways or gravel surfaces and other areas where thrown objects could be a hazard.**
- **DO NOT** attempt to vacuum cans or other potentially hazardous projectiles.

OPERATION

TIPS FOR IMPROVED BAGGING

- Follow the mower operation instructions in the mower's operator manual.
- When using the grass catcher on a lawn where grass and leaf bagging equipment has not been used previously, thatch and debris that has accumulated for long periods of time is picked up. The amount collected and the total time of operation may be greater than will be experienced with regular use of the grass catcher.
- Always run throttle at full speed when bagging.
- Select a speed 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 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.
- Frequently clean the hood debris screen. (Located inside the rear of the hood). A clogged screen results in poor ventilation and may cause plugging.
- 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.



CAUTION BEFORE CLEANING GRASS CATCHER

- **Set parking brake.**
- **Place motion control levers in NEUTRAL position.**
- **Disengage the blades.**
- **Disconnect spark plug and place wire where it cannot come in contact with plug.**

- If the grass catcher fails to pick up cut grass or leaves after emptying the hopper, it is an indication that clogging has occurred in the system.

Unlatch chute and check for clogging.

Remove all debris in inlet and outlet of the blower and the chute,

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 the mower operator 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 hopper. Empty the hopper after each use and before storing. Failure to do so may result in spontaneous combustion which could develop into a fire.



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.

SERVICE AND MAINTENANCE

TRANSPORT



CAUTION

The collection system hopper must be completely empty and all five counter weights must be installed when driving forward onto a trailer. If the mower must be loaded onto a trailer while there is still debris in the hopper, the mower must be backed up onto the trailer to avoid tipping.



CAUTION

Do not transport the mower with the counterweights attached to the mounting bracket. Remove the counterweights after the mower is in the trailer. Secure the weights to the trailer separately.

- The machine is heavy and can cause serious crushing injuries. Be extra cautious when it is loaded on or unloaded from a vehicle or trailer.
- Use an approved trailer to transport the machine. Activate the parking brake, turn off the fuel supply, and fasten the machine with approved fastening devices, such as bands, chains, or straps, when transporting.
- Check and abide by local traffic regulations before transporting the machine on any road.
- Load the unit onto truck or trailer by driving up ramps of suitable strength using a slow speed. Do not lift! The machine is not intended to be lifted by hand.
- When loading or unloading this machine, do not exceed the maximum recommended operation angle of 10°.

HOSE CARE

1. Inspect hoses before each use. If hoses have excessive wear, tears or punctures, replace immediately.
2. To prolong the life of the hose, periodically rotate hose and turn hose end to end. Refer to Preventative Maintenance Schedule in this manual.
3. To decrease wear, avoid twists and sharp turns in the hoses.
4. Avoid dragging the lower hose along the sides of buildings or other hard surfaces.

STORAGE

1. Clean machine.
2. Cover all scratches with touch-up paint.
3. Covered or indoor storage is recommended.

CLEANING

Regular cleaning, washing, and lubricating will prolong the service of the machine.

NOTE: Use care with power washers to avoid damage to decals. DO NOT EXCEED 1000 PSI WATER PRESSURE FOR CLEANING

For best results, clean polymesh regularly. The poly mesh on the collection system is located inside the hopper hood.

1. Shut off engine.
2. Release the two rubber latches under the rear of the hood. Open hood and brush debris off of both sides.
3. Close hood and relatch.

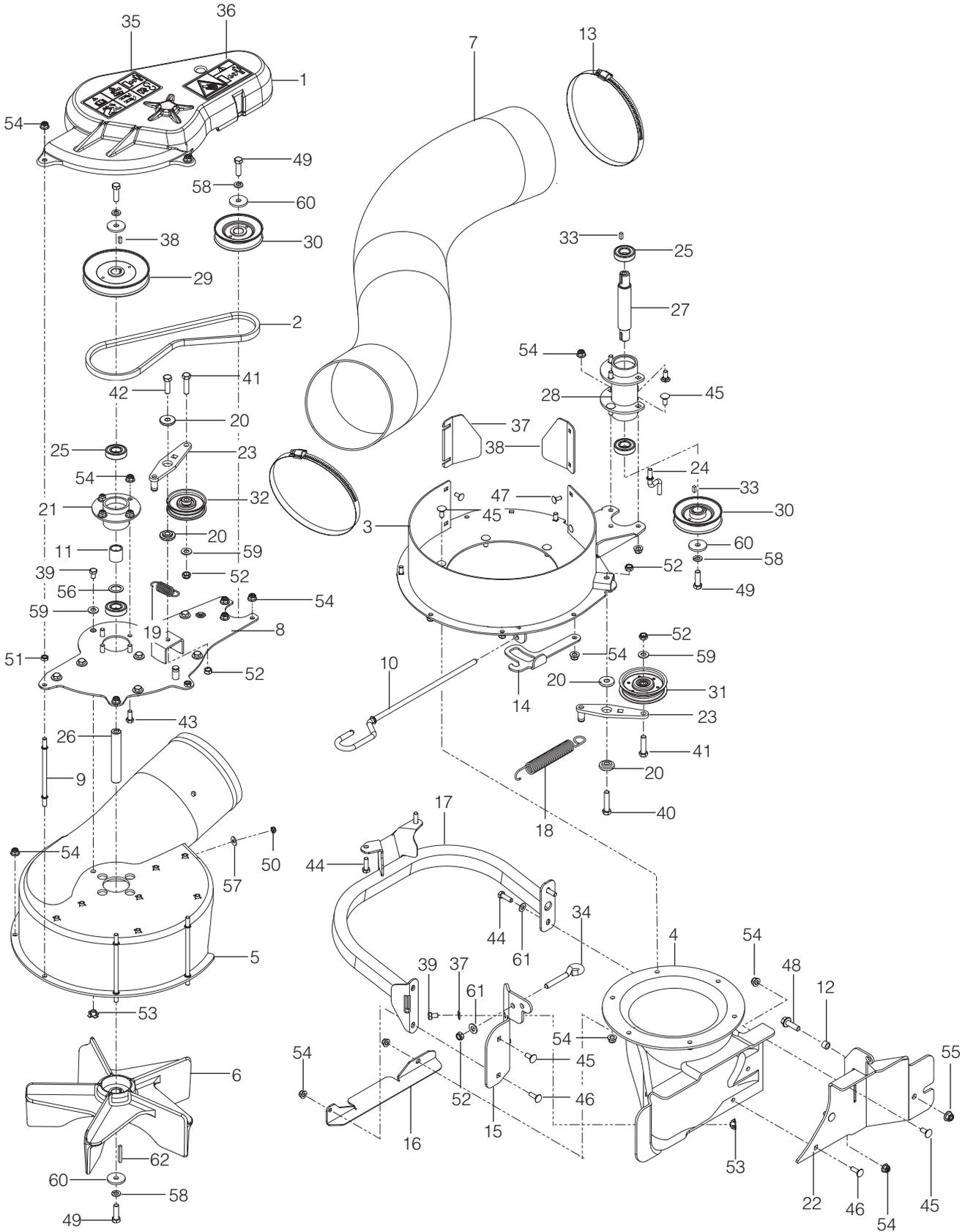
DO NOT USE THE COLLECTION SYSTEM WITHOUT POLY MESH SECURELY IN PLACE.

MAINTENANCE SCHEDULE

ITEM	BEFORE EACH USE	EVERY 5 HOURS	EVERY 25 HOURS	EVERY 50 HOURS
Inspect/clean polymesh	X	X		
Check/tighten nuts and bolts	X			
Check/tighten hoses	X			
Turn hose end to end			X	
Rotate hose				X
Clean machine				X

REPAIR PARTS

BLOWER



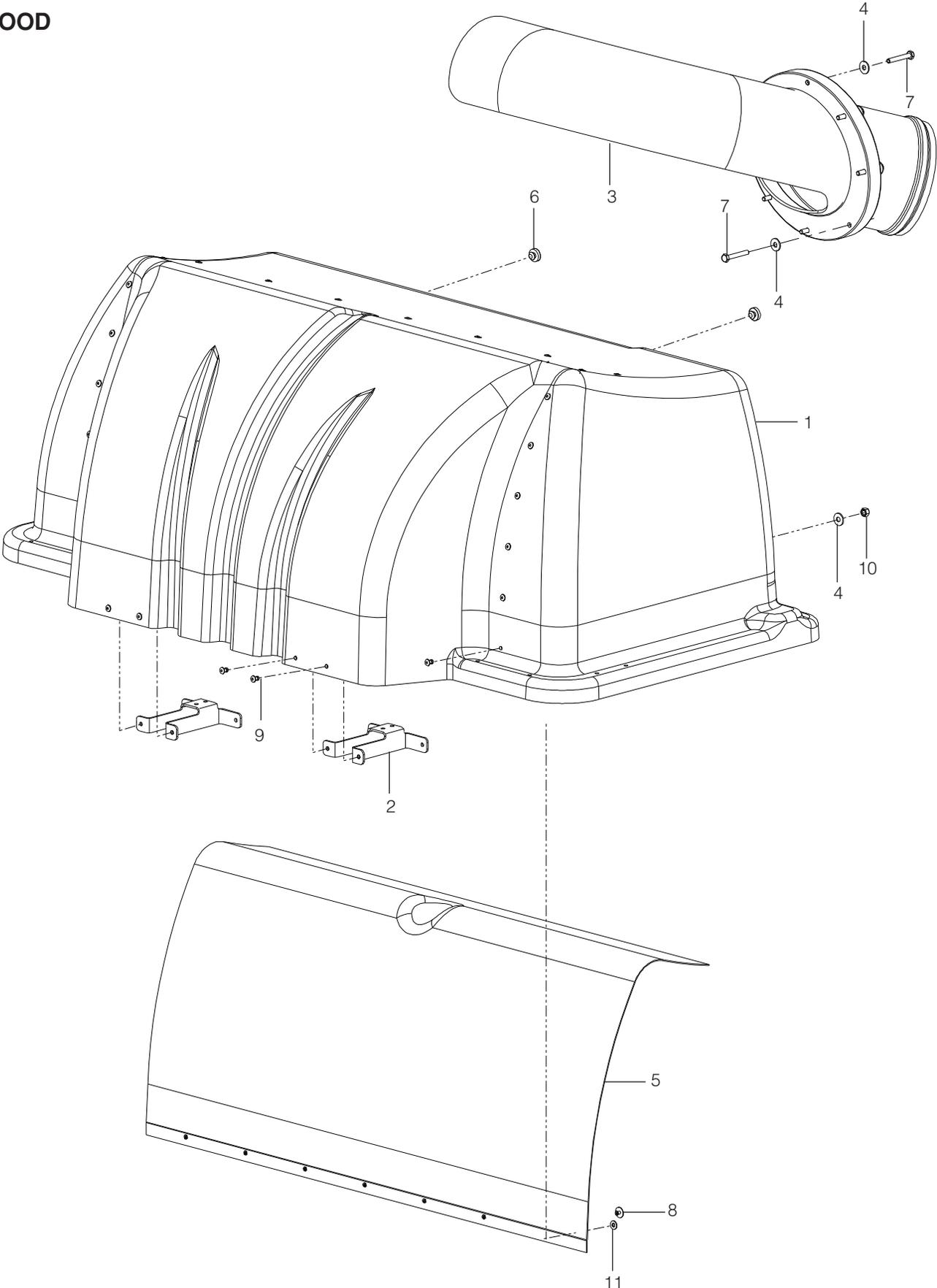
REPAIR PARTS

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	522 595402....	1	.... SHIELD w/ DECALS	33..	539 115667....	3	.... KEY $\frac{3}{16}$ x $\frac{1}{2}$
2..	539 101386....	1	.... BELT	34..	539 107484....	1	.... EYE BOLT
3..	522 593902....	1	.... RING, BLOWER	35..	539 105785....	1	.... DECAL, WARNING
4..	522 593301....	1	.... HOUSING, BLOWER	36..	539 106741....	1	.... DECAL, SEVERING
5..	522 594001....	1	.... HOUSING, IMPELLER	37..	577 978301....	1	.... BRACKET, SLOTTED
6..	575 488401....	1	.... IMPELLER	38..	577 978401....	1	.... BRACKET
7..	578 257901....	1	.... HOSE	39..	539 130315..	10	.... HCS $\frac{5}{16}$ -18 x $\frac{1}{2}$
8..	522 594402....	1	.... TOP PLATE	40..	539 976949....	1	.... HCS $\frac{3}{8}$ -16 x $1\frac{3}{4}$
9..	522 595301....	3	.... PIN, RETENTION	41..	539 990655....	2	.... HCS $\frac{3}{8}$ -16 x $1\frac{1}{2}$
10..	522 595601....	1	.... PIN, MOUNT	42..	539 976941....	1	.... HCS $\frac{3}{8}$ -16 x $1\frac{1}{4}$
11..	539 130323....	1	.... SPACER	43..	539 976934....	4	.... HCS $\frac{5}{16}$ -18 x $\frac{3}{4}$
12..	579 613301....	1	.... SPACER	44..	539 990209....	4	.... HCS $\frac{5}{16}$ -18 x 1
13..	574 386601....	2	.... CLAMP, HOSE	45..	539 990316..	19	.... RHSNB $\frac{5}{16}$ -18 x $\frac{3}{4}$
14..	575 472002....	1	.... LATCH	46..	539 990208....	2	.... RHSNB $\frac{5}{16}$ -18 x 1
15..	522 595502....	1	.... BRACKET, MOUNT, FT	47..	539 111786....	2	.... RHSSNB $\frac{1}{4}$ -20 x $\frac{5}{8}$
16..	575 699602....	1	.... BRACKET, DIVERter BLK	48..	525 834201....	1	.... HHFS $\frac{3}{8}$ -16 x $1\frac{1}{2}$
17..	522 596202....	1	.... GUARD	49..	539 110321....	4	.... BOLT $\frac{3}{8}$ -24 x $1\frac{1}{4}$ HEX GR 8
18..	532 196105....	1	.... SPRING, DECK DRIVE	50..	539 108120....	2	.... NUT $\frac{1}{4}$ -20 HEX THIN NYLOC
19..	522 595101....	1	.... SPRING, IDLER	51..	539 107897....	2	.... NUT $\frac{5}{16}$ -18 HEX JAM
20..	539 132161....	4	.... BUSHING, BRAKE	52..	539 200282....	5	.... NUT $\frac{3}{8}$ -16 HEX JAM NYLOC
21..	539 130295....	1	.... HUB	53..	539 130313..	10	.... NUT $\frac{5}{16}$ -18 TEE
22..	580 279402....	1	.... MOUNT, REAR	54..	539 112899..	34	.... NUT $\frac{5}{16}$ -18 HEX FLG NYLOC
23..	522 594802....	2	.... ARM, IDLER	55..	521 996501....	1	.... NUT $\frac{3}{8}$ -16 HEX FLG NYLOC
24..	522 595201....	1	.... KEEPER, BELT	56..	539 910935....	1	.... WASHER
25..	539 130296....	4	.... BEARING	57..	539 990598....	2	.... WASHER $\frac{1}{4}$ FLAT
26..	539 130316....	1	.... SHAFT, IMPELLER	58..	539 990118....	4	.... WASHER, $\frac{3}{8}$ SPLT LOCK
27..	522 594901....	1	.... SHAFT, SPINDLE	59..	539 990122..	11	.... WASHER $\frac{3}{8}$ SAE FLT
28..	522 595001....	1	.... TUBE, SPINDLE	60..	539 110323....	4	.... WASHER, HARDENED
29..	539 130324....	1	.... PULLEY	61..	539 990188....	4	.... WASHER $\frac{5}{16}$ SAE FLAT
30..	522 594601....	2	.... PULLEY, DRIVE	62..	539 125229....	1	.... KEY $\frac{3}{16}$ x $1\frac{1}{2}$ SQ
31..	579 604601....	1	.... PULLEY, IDLER				
32..	539 106721....	1	.... PULLEY, IDLER				

NOTE: ALL FASTENERS ARE GRADE 5 UNLESS OTHERWISE SPECIFIED.

REPAIR PARTS

HOOD



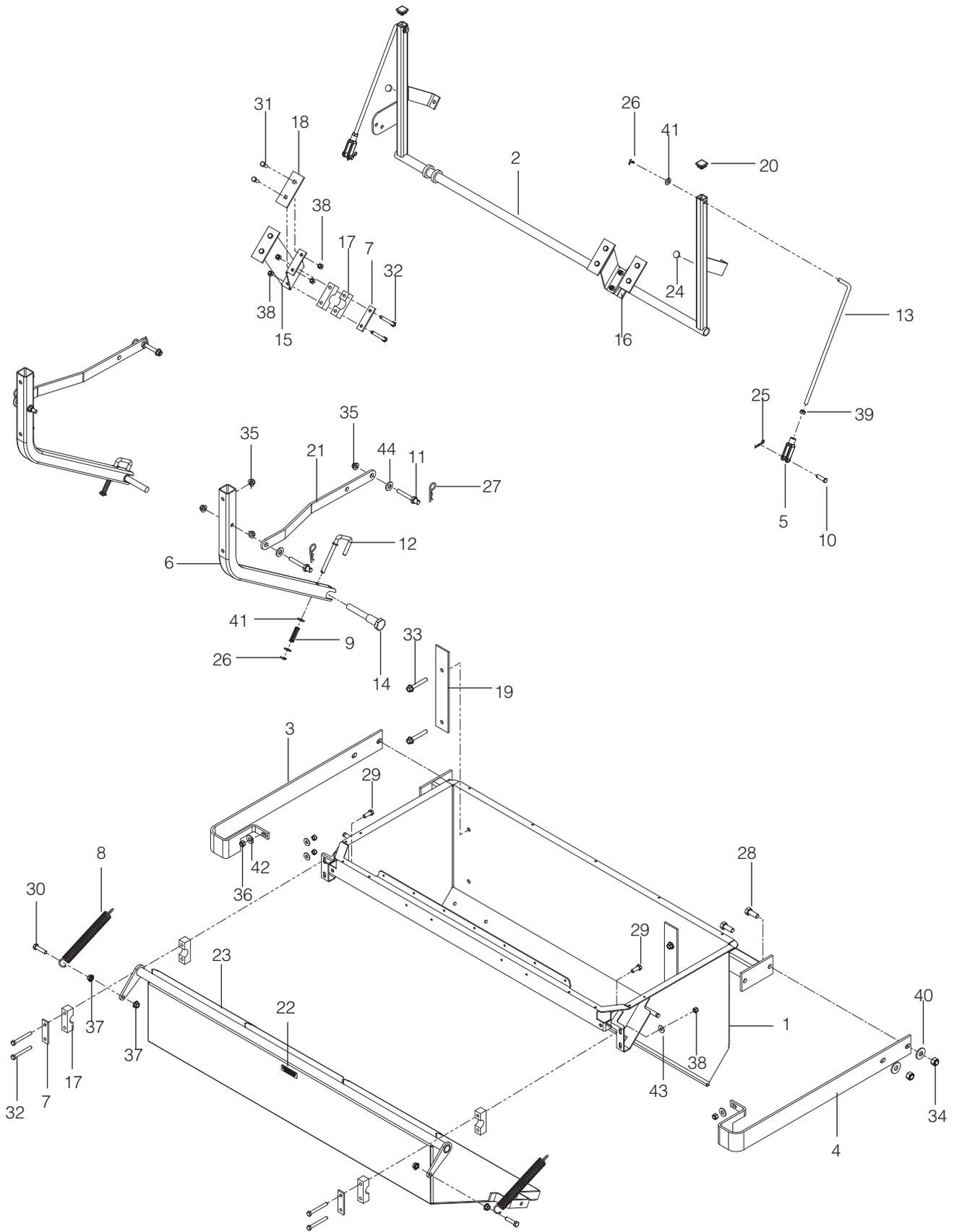
REPAIR PARTS

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 111172....	1	HOOD	7..	539 991003....	8	HCS 1/4-20 X 1 3/4
2..	539 111175....	2	SUPPORT, DRAW LATCH	8..	539 102744....	7	RIVET 3/16 X 1/4
3..	539 111182....	1	INLET TUBE	9..	539 200684..	25	RIVET 3/16 STAVEX
4..	539 990598..	16	WASHER 1/4	10..	539 976978....	8	NUT 1/4-20 NYLOC
5..	539 111183....	1	MESH, POLY DIAMOND	11..	539 105408..	21	WASHER #10
6..	539 102587....	6	GROMMET, BUMPER				

NOTE: ALL FASTENERS ARE GRADE 5 UNLESS OTHERWISE SPECIFIED.

REPAIR PARTS

HOPPER

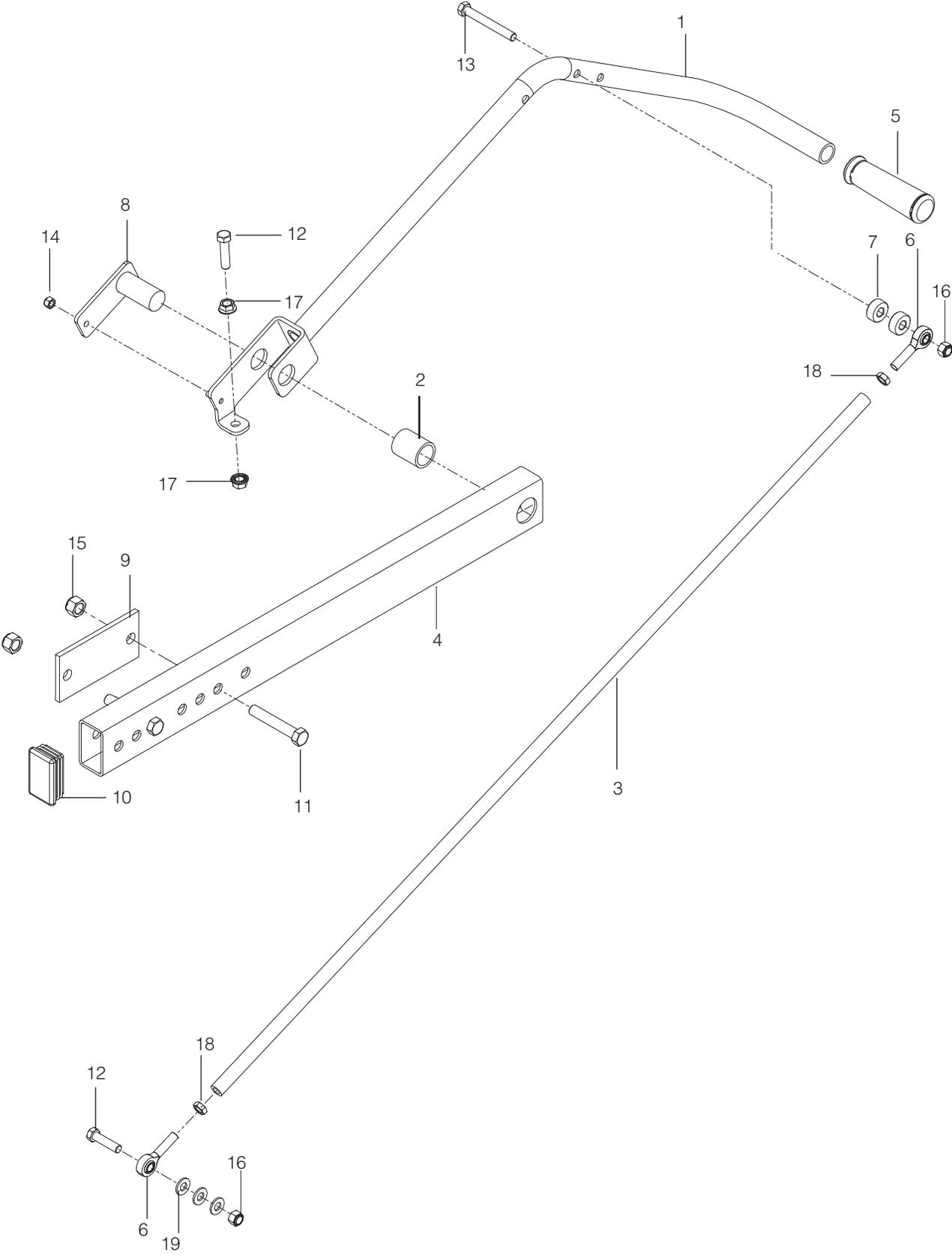


REPAIR PARTS

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	578 902502....	1	.... HOPPER, BLK	24..	539 102587....	2	.... GROMMET, BUMPER
2..	578 916202....	1	.... BELL CRANK, BLK	25..	539 976988....	2	.... HAIRPIN, COTTER
3..	539 113750....	1	.... GUARD, LH	26..	539 990365....	4	.... PIN, COTTER 1/8 x 3/4
4..	539 113751....	1	.... GUARD, RH	27..	539 976989....	4	.... HAIRPIN #4
5..	539 977465....	2	.... YOKE	28..	539 108369....	2	.... HCS 1/2-13 x 1 1/4
6..	578 348502....	2	.... TUBE, HITCH BLK	29..	539 990563....	2	.... HCS 3/8-16 x 1
7..	539 104807....	4	.... BAR, REINFORCEMENT	30..	539 990655....	2	.... HCS 3/8-16 x 1 1/2
8..	539 107315....	2	.... SPRING, BAGGER	31..	539 990206....	8	.... HCS 5/16-18 x 1
9..	525 816001....	2	.... SPRING, COMPRESSION	32..	539 101721....	8	.... HCS 5/16-18 x 2 3/4
10..	539 109232....	2	.... PIN CLEVIS 3/8 x 1 1/4	33..	539 133006....	4	.... HHFS 3/8-16 x 2 1/2
11..	525 445001....	4	.... PIN, MOUNT	34..	539 101331....	2	.... NUT 1/2 HEX NYLOC
12..	525 815901....	2	.... PIN, RETENTION	35..	521 996501....	8	.... NUT 3/8-16 HEX FLG NYLOC
13..	539 113722....	2	.... ROD, DOOR	36..	539 976979....	2	.... NUT 3/8-16 HEX NYLOC
14..	525 445301....	2	.... PIVOT BOLT	37..	539 990613....	4	.... NUT 3/8-16 HEX WHIZLK
15..	578 349102....	1	.... BRACKET, SUPT LT BLK	38..	539 990717..	16	.... NUT 5/16-18 HEX NYLOC
16..	578 348702....	1	.... BRACKET, SUPT RT BLK	39..	539 108732....	2	.... NUT 3/8-24 HEX JAM
17..	539 104808....	8	.... PILLOW BLOCK	40..	539 109554....	2	.... WASHER 1/2 FLAT
18..	578 349002....	4	.... PLATE, BLK	41..	539 990122....	6	.... WASHER 3/8 SAE FLT
19..	578 348602....	2	.... PLATE, MOUNTING BLK	42..	539 990517....	2	.... WASHER 3/8 STD FLT
20..	539 113758....	2	.... PLUG, TUBE	43..	539 990692....	4	.... WASHER 5/16 STD FLT
21..	578 348402....	2	.... STRAP, BLK	44..	539 990250....	4	.... WASHER SAE
22..	539 111260....	1	.... DECAL, VENTILATION				
23..	539 113747....	1	.... DOOR				

REPAIR PARTS

HANDLE

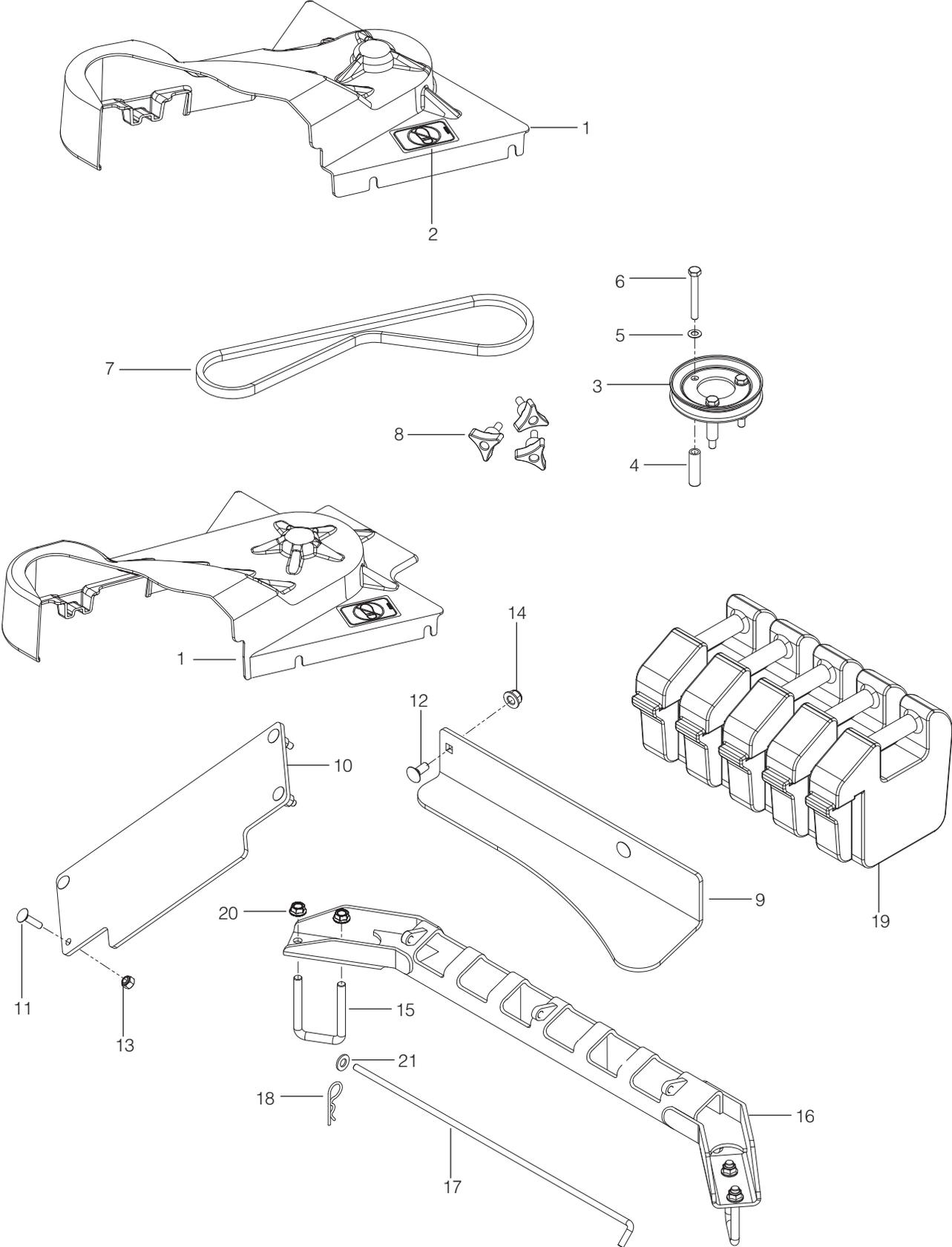


REPAIR PARTS

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	578 898702....	1	.... HANDLE BLK	11..	539 101572....	2	.... HCS 1/2-13 x 3
2..	539 113731....	1	.... BUSHING	12..	539 990655....	2	.... HCS 3/8-16 x 1 1/2
3..	539 113753....	1	.... TUBE, THREADED	13..	539 101341....	1	.... HCS 3/8-16 x 3
4..	578 898602....	1	.... TUBE SUPPORT BLK	14..	539 976978....	1	.... NUT 1/4-20 HEX NYLOC
5..	532 000033....	1	.... GRIP, HANDLE BLK	15..	539 101331....	2	.... NUT 1/2 HEX NYLOC
6..	539 113739....	2	.... ROD END 3/8 RH	16..	539 976979....	2	.... NUT 3/8-16 HEX NYLOC
7..	539 102656....	2	.... SPACER	17..	539 990613....	2	.... NUT 3/8-16 HEX WHIZLK
8..	539 113749....	1	.... PIN, PIVOT	18..	539 108732....	2	.... NUT 3/8-24 HEX JAM
9..	539 113755....	1	.... PLATE, BACKING	19..	539 990122....	3	.... WASHER 3/8 SAE FLT
10..	539 113757....	1	.... PLUG, TUBE				

REPAIR PARTS

SHIELDS AND WEIGHTS



REPAIR PARTS

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	522 595802....	1	.... SHIELD, LOWER BELT, 54"	10..	575 593602....	1	.... BAFFLE, LH
	522 595801....	1	.... SHIELD, LOWER BELT, 60"	11..	539 109800....	4	.... RHSNB 1/4-20 x 1
2..	539 105743....	1	.... DECAL, NO STEP	12..	539 990316....	2	.... RHSNB 5/16-18 x 3/4
3..	522 594502....	1	.... PULLEY, DRIVE, 54"	13..	539 976978....	4	.... NUT 1/4-20 HEX NYLOC
	522 594501....	1	.... PULLEY, DRIVE, 60"	14..	539 112899....	2	.... NUT 5/16-18 HEX FLG NYLOC
4..	573 982701....	3	.... SPACER, PULLEY	15..	579 091002....	2	.... U BOLT
5..	539 109600....	3	.... WASHER 5/16 DISC SPRING	16..	579 256502....	1	.... BRACKET, COUNTERWT
6..	539 991046....	3	.... HCS 5/16-18 x 2 1/2	17..	579 257302....	1	.... ROD, LATCH
7..	539 100439....	1	.... DRIVE BELT 54"	18..	539 976989....	1	.... RETAINER
	574 216101....	1	.... DRIVE BELT 60"	19..	539 092531....	6	.... COUNTERWEIGHT
8..	539 104411....	3	.... KNOB w/ STUD	20..	521 991101....	4	.... NUT 1/2-13 HEX FLG NYLOC
9..	575 594102....	1	.... BAFFLE, RH	21..	539 990122....	3	.... WASHER 3/8 SAE FLT

