SEAG. POWER EQUIPMENT

MODEL GC-STT-CSV



THIS MANUAL CONTAINS THE OPERATING INSTRUCTIONS AND SAFETY INFORMATION FOR YOUR SCAG ACCESSORY. READING THIS MANUAL WILL PROVIDE YOU WITH MAINTENANCE AND ADJUSTMENT PROCEDURES TO KEEP YOUR ACCESSORY PERFORMING TO MAXIMUM EFFICIENCY. THE SPECIFIC MODELS THAT THIS BOOK COVERS ARE CONTAINED ON THE INSIDE COVER. BEFORE OPERATING YOUR MACHINE, PLEASE READ ALL THE INFORMATION ENCLOSED.



FAILURE TO FOLLOW SAFE OPERATING PRACTICES MAY RESULT IN SERIOUS INJURY.

- * Keep all safety shields in place.
- * Before performing any maintenance or service, stop the machine and remove the spark plug wire.
- * If a mechanism becomes clogged, stop the engine and wait for all moving parts to come to a complete halt before cleaning.
- * Keep hands, feet and clothing away from power-driven parts.
- * Read this manual completely as well as the Operator's Manual that came with your mower.
- * Keep others off the tractor (only one person at a time).

REMEMBER - YOUR MOWER IS ONLY AS SAFE AS THE OPERATOR!

Hazard control and accident prevention are dependent upon the awareness, concern, prudence, and proper training of the personnel involved in the operation, transport, maintenance, and storage of the equipment.

This manual covers the operating instructions and illustrated parts list for:

GC-STT-CS52V with a serial number of B9500001 to B9599999 GC-STT-CS61V with a serial number of B9700001 to B9799999



1.1 INTRODUCTION

This manual has been prepared to provide the information you need to correctly assemble, operate, and maintain this grass catcher. Read it carefully and keep it for future reference.

The replacement of any part on this product by other than the manufacturer's authorized replacement part may adversely affect the performance, durability or safety of this product.

USE OF OTHER THAN ORIGINAL SCAG REPLACEMENT PARTS WILL VOID THE WARRANTY.

If additional information or service is needed that is not outlined in this manual, please contact your Scag Power Equipment dealer. Scag dealers are trained in the latest service methods and carry a full line of Scag replacement parts.

When ordering parts, always provide the complete model number of your catcher.

All information provided in this manual is based upon information available at the time of printing. Scag Power Equipment reserves the right to make changes at any time without notice or obligation.

1.2 DIRECTION REFERENCE

The "Right" and "Left", "Front" and "Rear" of the machine are referenced from the normal operating position.

2.1 SAFETY AND OPERATING INSTRUCTIONS

-NOTE-

To avoid personal injury, it is imperative that all safety instructions be observed.

1. Read this operator's manual and the operator's manual that is supplied with the machine this attachment is used on.

A replacement manual is available from your authorized Scag Service Dealer or by contacting: Scag Power Equipment, Service Department at P.O. Box 152, Mayville, WI 53050. You may also contact us through our website at www.scag.com The manual for this grass catcher can be downloaded by using the model and serial number or use the contact form to make your request. Please indicate the complete model and serial number of your Scag product when requesting replacement manuals.

AWARNING

DO NOT OPERATE WITHOUT DISCHARGE CHUTE, MULCHING KIT, OR ENTIRE GRASS CATCHER INSTALLED

- Before dumping the debris, disengage the mower, stop the engine and wait for all movement to stop.
- 3. **ALWAYS** turn the engine **OFF**, remove the key and wait for all movement to stop before servicing or cleaning the mower or the grass catcher.



- 4. Do not modify or alter any component of the grass catcher attachment or mower.
- 5. Do not allow any passengers to ride on the grass catcher attachment or on the mower.

2.2 GRASS CATCHING OPERATION

- 1. With the hopper door closed, engage the deck drive.
- 2. Proceed to mow until the hopper is full.

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3. When dumping the hopper into a disposal area:



DO NOT DUMP CLIPPINGS IN A DISPOSAL AREATHAT IS

- A. Disengage the deck drive, apply the parking brake and allow all moving parts to come to a complete stop.
- B. Pull downward on the hopper door handle to allow the hopper sweeper to remove the material from inside the hopper. See Figure



FIGURE 2-1

C. Once the material has been completely removed from the hopper, lift the hopper door handle to close the hopper door and lock into place. See Figure 2-2.

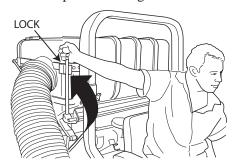


FIGURE 2-2

4. When dumping the hopper into a disposal area, inspect the hopper debris screen for material. When the debris screen is full of material, the grass catching ability may suffer. Frequency of cleaning the hopper debris screen will vary depending on conditions.

- 5. To clean the hopper debris screen;
 - A. Disengage the deck drive and allow all moving parts to come to a complete stop.
 - B. Apply parking brake and shut off the engine.
 - C. Stand on the left side of the hopper assembly.
 - D. Unhook the debris screen latches and remove the debris screen from the hopper. See Figure 2-3.

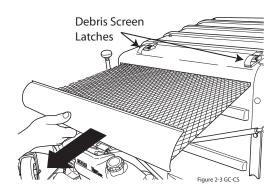


FIGURE 2-3

- E. Remove material from the debris screen and reinstall. Secure by latching the debris screen latches.
- 6. When service is needed inside the hopper, disengage the deck drive and allow all moving parts to come to a complete stop, shut off the engine and apply the parking brake. Rotate the hopper door prop rod upward until it contacts the hopper door. This will prevent the hopper door from moving until the service is complete. See Figure 2-4.



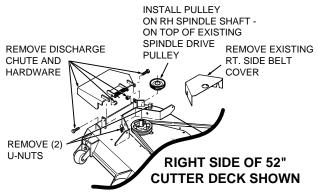
FIGURE 2-4

3.1 ASSEMBLY INSTRUCTIONS

-NOTE-

Use the illustrated parts list as a part number reference when following the assembly instructions.

- 1. Remove all packaging materials. Lay out the mounting hardware and the catcher assembly parts for easy access. Prepare the work area making sure that it is a clean, safe environment.
- 2. Remove the discharge chute from the cutter deck. See Figure 3-1.



(Note: Some parts not shown for viewing purposes.)

FIGURE 3-1

-NOTE-

Do not discard the discharge chute or mounting hardware. The discharge chute MUST be reinstalled anytime the grass catcher has been removed from the machine.

AWARNING

DO NOT OPERATE WITHOUT DISCHARGE CHUTE, MULCHING KIT, OR ENTIRE GRASS CATCHER INSTALLED

- 3. Remove the right side belt cover to gain access to the spindle assembly. Remove the u-nuts from the cutter deck bracket. See Figure 3-1.
- 4. Install the grass catcher pulley onto the spindle assembly. Apply loctite to both pulley setscrews and tighten. See Figure 3-1.
- 5. Remove the "Custom-Cut" and "Turbo" baffles from the cutter deck. Using the original hardware, install the new "Front" and "Turbo" baffles. See Figure 3-2.

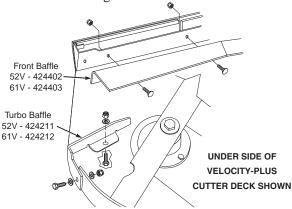


FIGURE 3-2

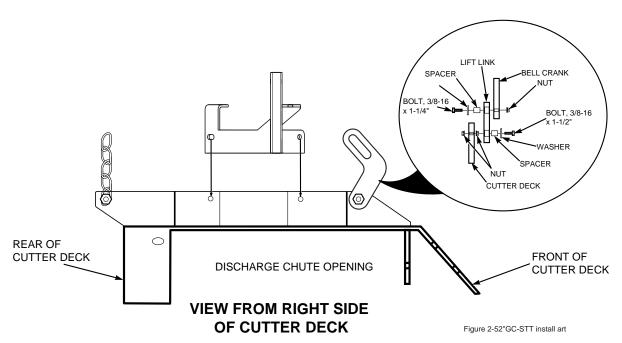
-NOTE-

Do not discard the original "Custom-Cut" or "Turbo" baffles. These baffles may be reinstalled anytime the grass catcher has been removed from the machine.

- 6. Install the blower mounting bracket to the deck using 1/2-13 x 1-1/2" hex head bolts (p/n 04001-71), 1/2" spring lockwashers (p/n 04030-06), and 1/2-13 elastic stop nuts (p/n 04021-07). See Figure 3-3, Page 4. Do not fully tighten the hardware at this time.
- 7. This step is for 52" cutter decks only. Block the right front side on the cutter deck and remove the hang chain. Install the deck lift link. Secure using hex head bolts (p/n 04001-32, 04001-20), flatwashers (p/n 04041-07), spacers (p/n 43212), and serrated flange nuts (p/n 04019-04). See Figure 3-3, page 3.



52" Cutter Deck



61" & 72" Cutter Decks

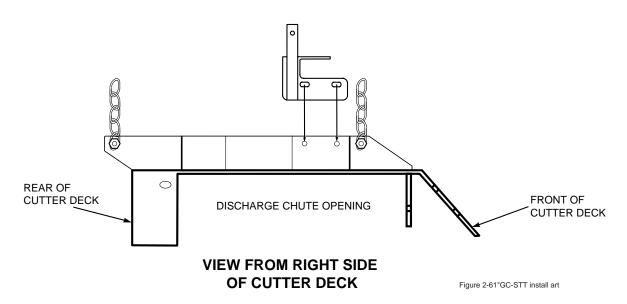
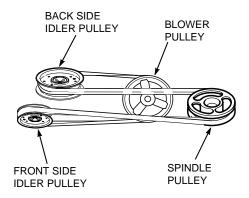


FIGURE 3-3



- 8. Install the blower assembly to the mounting bracket and secure with the mounting pin and hair pin. See Figure 3-4.
- 9. Align the blower assembly with the discharge opening of the cutter deck. Tighten the hardware for the mounting bracket. Install the quick pin through the rear hole in the discharge chute mounting bracket. See Figure 3-4.
- 10. Install the new belt cover from the cutter deck to the blower mounting bracket and secure with the original belt cover plastic wing nuts.

11. Install the belt to the spindle pulley. When replacing the belt, see figure below.



12. Install the plastic belt cover and secure with the plastic wing nuts. See Page 12 of the Illustrated Parts List for proper installation.

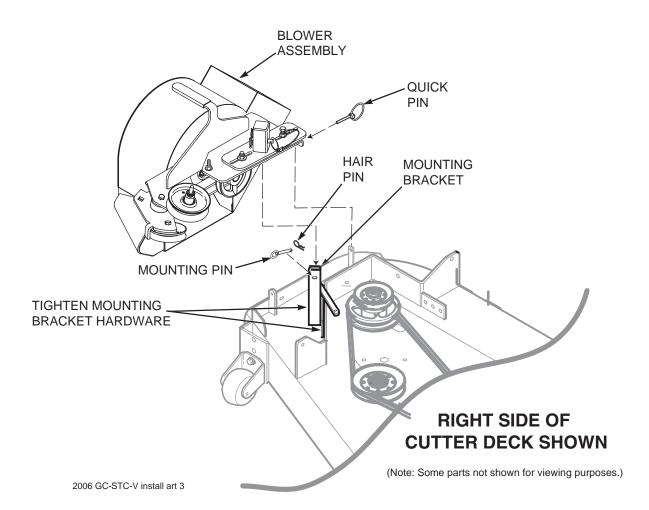


FIGURE 3-4

- 13. Install the hopper mounting brackets (p/n 451512 17. Install the weight support bar to the front of the & p/n 451595) to the outside of the frame on the rear of the machine using 3/8-16 x 1" hex head bolts (p/n 04001-19) and 3/8-16 elastic stop nuts (p/n 04021-09). See Figure 3-7, Page 7.
- 14. Install the catcher support bracket onto the rear of the machine and secure with 5/16-18 x 1" carriage bolts (p/n 04003-04) and 5/16-18 serrated flange nuts (p/n 04019-03) See Figure 3-5.

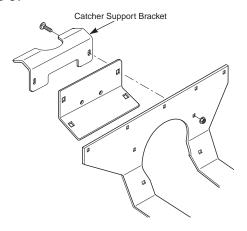


FIGURE 3-5

- 15. With the help of an assistant, install the hopper assembly into the hopper mounting brackets. See Figure 3-7, Page 7.
- 16. Install the hose from the blower assembly to the hopper assembly. Secure using the 8-1/2" clamps.

-NOTE-

When installing this catcher on machines equipped with an air cooled engine the discharge hose should be shortened to 56" in length.

- machine by resting it directly on top of the caster support arms and sliding it tight against the frame of the machine. Secure the weight bar to the machine using (2) bar clamps, (4) 3/8-16 x 1-1/2" bolts and (4) 3/8-16 elastic stop nuts. See Figure 3-6.
- 18. Install the weight assemblies to the weight support bar and secure them to the bar using the 1/2"x 6-1/4" pin and lanyard. See Figure 3-6.

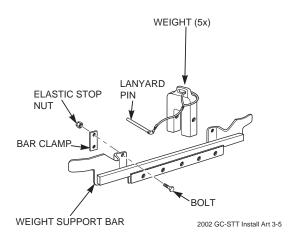


FIGURE 3-6

19. Operate and test.



Item #	Part #	Description
1	04001-19	Bolt, Hex Head 3/8-16 x 1"
2	04021-09	Nut, Elastic Stop 3/8-16
3	04066-03	Quick Pin
4	423670	Spacer, Hitch
5	451512	Hitch Bracket Weldment
	451595	Hitch Bracket Weldment, Floating

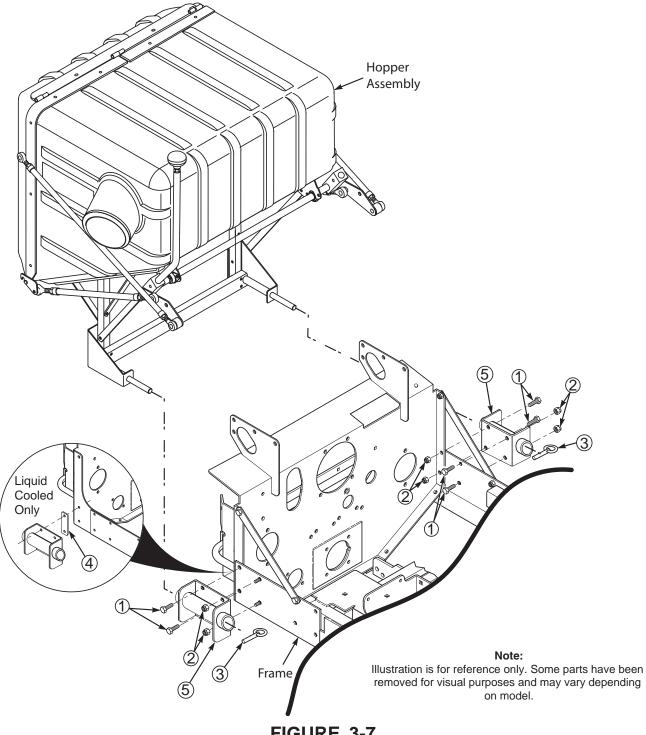


FIGURE 3-7

6.1 GRASS CATCHER REMOVAL INSTRUCTIONS

- 1. Prepare the work area making sure that it is a clean, safe environment.
- 2. Remove the rubber strap holding the adapter to the blower assembly. See Figure 5-1.
- Remove the belt from the spindle pulley and the quick pin securing the blower to the discharge mounting bracket.
- 4. Remove the pin and hair pin securing the blower assembly to the mounting bracket on the cutter deck and remove the blower assembly. See Figure 5-1.

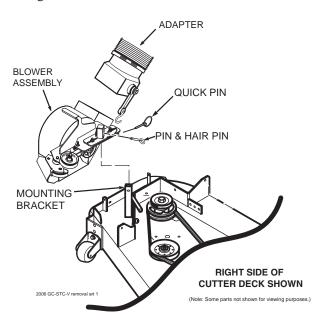
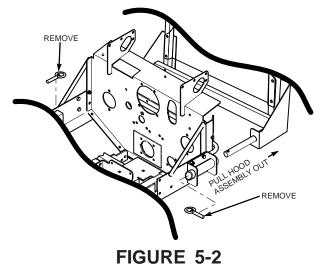


FIGURE 5-1

5. Remove the two (2) pins holding the hopper assembly to the mounting brackets on the rear of the machine. See Figure 5-2.



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- 6. With the help of an assistant, remove the hopper assembly.
- 7. Remove the front weights by removing the quick pins.
- 8. Re-install the side discharge chute to the opening on the cutter deck. Replace the two (2) outside mounting bolts on the discharge chute with the clevis pins (p/n 04064-15) and rue cotter pins (p/n 04069-03). See Figure 5-3.
- 9. Re-install the cutter deck belt cover.

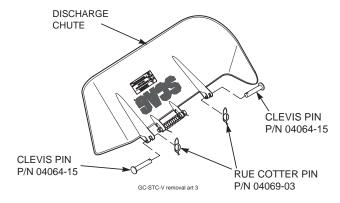


FIGURE 5-3



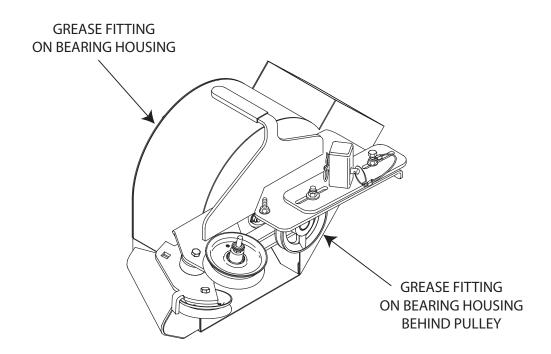


MAINTENANCE

5.1 MAINTENANCE CHART - RECOMMENDED SERVICE INTERVALS

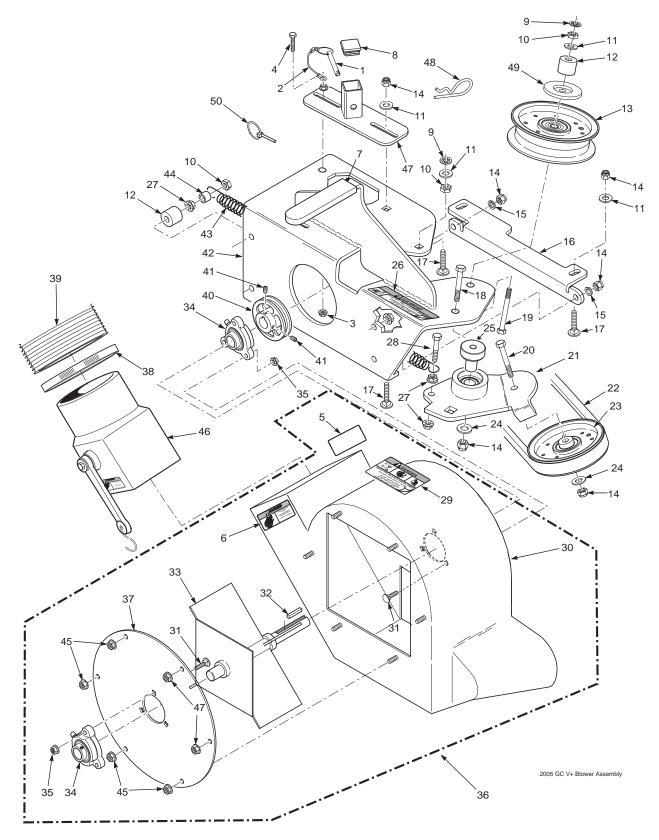
HOURS								
Break-In (First 10)	8	20	40	100	200	500	Procedure	Comments
X							Check all hardware for tightness	
X							Inspect hose and adapter	
X							Check belt for proper alignment	
X							Inspect fabric bags	
	X						*Check screen in hopper Remove debris from screen	
	X						Inspect hose and adapter	
	X						Inspect fabric bags	
	X						Check condition of blower	
	X						*Apply grease to blower bearings See figure below	
		X					Check belt for proper alignment	

^{*} Perform these maintenance procedures more frequently under extreme dusty or dirty conditions.





GC-STT-V BLOWER HOUSING ASSEMBLY



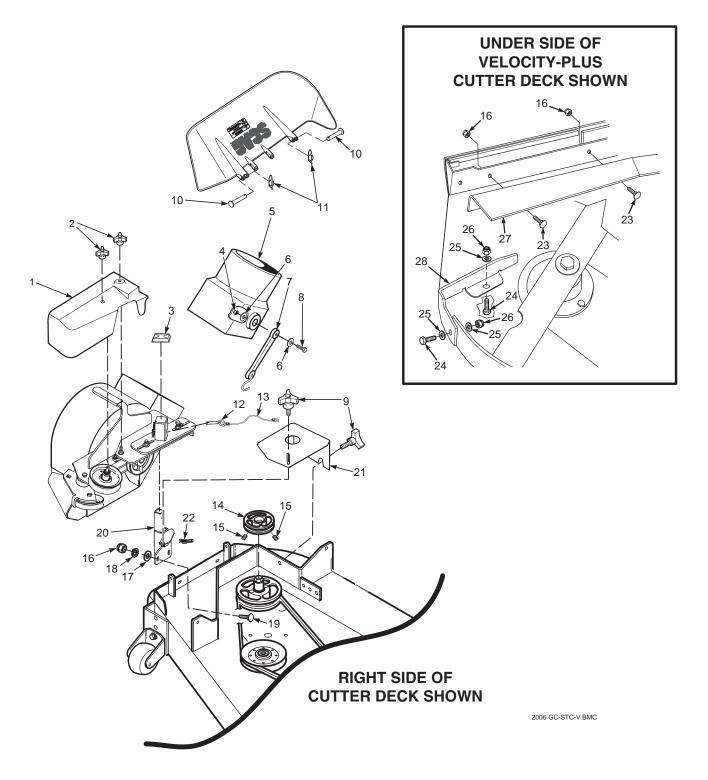


GC-STT-V BLOWER HOUSING ASSEMBLY

Ref. No.	Part Number	Description	Ref. No.	Part Number	Description
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	04067-07 481547 04019-02 04001-59 481377 482080 481428 483223 04024-02 04021-05 04041-07 43277 483173 483209 04021-09 04030-04 424361 04003-05 04001-81 04001-21 461xxx 461928 483182 483189 04043-04 43504 43575 482871 481039	Pin, Ring 2-1/4" Long Lanyard, Deck Height Pin Nut, Serr. Flange 1/4-20 Bolt, Hex Head 1/4-20 x 1-1/4" Decal, Blower Decal, Rotating Blower Grip, Blower Lever Cap, Square Nut, Push On 3/8 Thread Lock Nut, 3/8-16 Flatwasher, 3/8391 x .938 x .105 Spacer Pulley, Idler 3-1/2" Dia 52" Pulley, Idler 4" Dia 61" Nut, Elastic Stop 3/8-16 Lockwasher, 3/8-16 Plate, Catcher Mounting Bolt, Carr. 3/8-16 x 1-1/2" Bolt, Hex Head 3/8-16 x 3" - 52" Bolt, Hex Head 3/8-16 x 3-1/2" Bolt, Hex Head 3/8-16 x 1-3/4" Idler Arm Assembly - 52" Idler Arm Assembly - 61" Belt, GC-STC Pulley, 3-1/2" O.D., GC-STC Washer, 3/8 Hardened Pivot, Idler Long - 52" Pivot, Idler - 61" Decal, Belt Cover - 52" Decal, Belt Cover - 52"	27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	04019-04 04001-136 483037 461931 04003-12 04063-06 461796 483034 04021-10 461930 421319 48136-02 48135-14 482298 04012-04 461932 481522 43212 04019-03 461723 451822 451821 04062-04 424367 04066-04	Nut, Serr. Flange 3/8-16 Bolt, Hex Head 3/8-16 x 1-1/2 Gr. 8 Decal, Danger Blower Housing Weldment w/Decals Bolt, Carr. 5/16-18 x 3/4" Gr. 5 Key, 1/4 x 1/4 x 1-1/2" Fan Weldment Bearing Assembly Nut, Elastic Stop 5/16-18 Blower Housing Assembly, GC-STT Cover, Blower Housing Clamp, 8-5/8" Max Dia. Hose, 8.00" Dia. x 60.50" Long Pulley, 4-3/4" O.D 1" Bore Set Screw, 5/16-18 x 3/8" Frame, Blower Mount Spring, Main Drive Spacer Nut, Serr. Flange 5/16-18 Adapter w/Strap Receiver Weldment, Mount Post - 52" Receiver Weldment, Mount Post - 61" Hair Pin Cotter, .177 x 3-1/4" Dust Shield Quick Pin, 5/16" Dia.



GC-STT-V BLOWER MOUNTING COMPONENTS



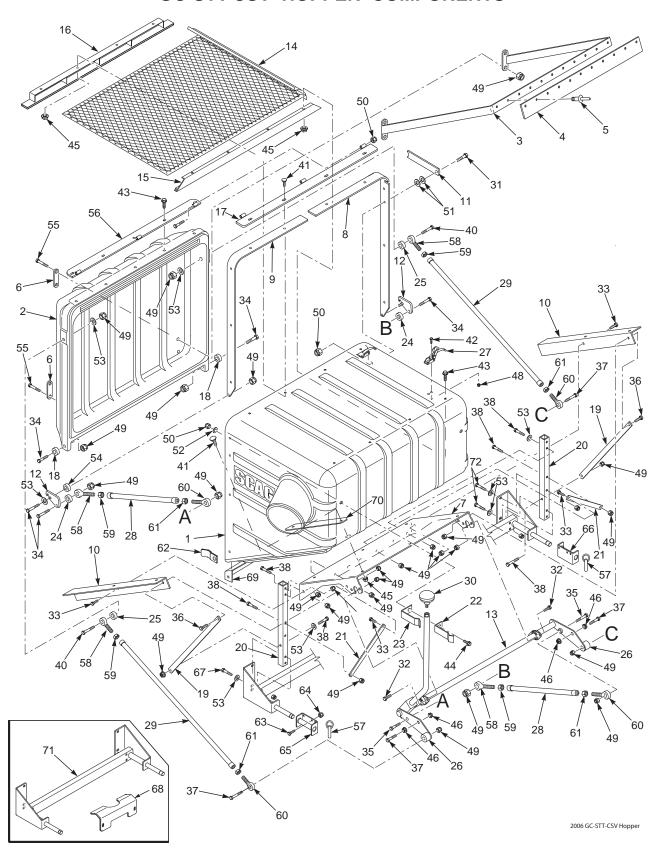


GC-STT-V BLOWER MOUNTING COMPONENTS

Ref. No.	Part Number	Description
1	483225	Belt Cover, GC-STT - 52"
	483227	Belt Cover, GC-STT - 61"
2	04029-04	Wingnut, Plastic 3/8" Small
3	483223	Cap, Square Vinyl
4	04021-08	Nut, Elastic Stop 1/4-20
5	461723	Adapter, Blower GC-STT, includes item #7
6	04040-14	Flatwasher, 1/4312 x .750 x .065
7	48137-04	Rubber Strap 7-3/4"
8	04001-59	Bolt, Hex Head 1/4-20 x 1-1/4"
9	481625-01	Knob W/Stud, 3/8-16 x 1-1/4"
10	04064-15	Clevis Pin, 5/16 x 1-1/2"
11	04069-03	Pin, Rue Cotter 5/16 Dia.
12	04067-07	Pin, Ring 1/2 x 2-1/4"
13	481547	Lanyard
14	482587	Pulley, 4-1/2" for 52" Deck
	482377	Pulley, 5-1/2" for 61" Deck
15	04012-04	Setscrew, 5/16-18 x 3/8"
16	04021-09	Nut, Elastic Stop 3/8-16
17	04030-04	Lockwasher, 3/8"
18	04041-07	Flatwasher, 3/8391 x .938 x .105
19	04003-11	Bolt, Carr. 3/8-16 x 1-1/4" Grade 5
20	461418	Mounting Post Weldment, Blower - 52"
	461894	Mounting Post Weldment, Blower - 61"
21	423427	Belt Cover, GC-STT-52V
	424329	Belt Cover, GC-STT-61V
22	04110-03	U-Nut
23	04003-23	Bolt, Carriage 3/8-16 x 1"
24	04001-09	Bolt, Hex Head 5/16-18 x 1"
25	04040-15	Flatwasher, 5/16375 x .875 x .083
26	04021-10	Nut, Elastic Stop 5/16-18
27	424402	Baffle, Front 52" Deck
	424403	Baffle, Front 61" Deck
28	424211	Baffle, Turbo 52" Deck
	424212	Baffle, Turbo 61" Deck

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GC-STT-CSV HOPPER COMPONENTS



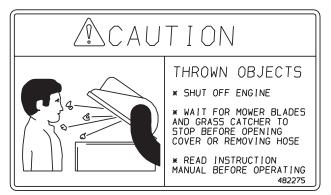


GC-STT-CSV HOPPER COMPONENTS

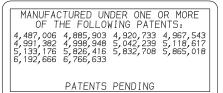
Ref. No.	Part Number	Description	Ref. No.	Part Number	Description
1	483038	Hopper, GC-STT-CS	40	04001-77	Bolt, Hex Head 3/8-16 x 3-1/2"
2	482732	Door, GC-CS	41	04003-04	Bolt, Carriage 5/16-18 x 1"
3	461626	Sweeper Weldment, GC-CS	42	04010-01	Screw, #10-32 x 1/2"
4	482777	Pad, Rubber	43	04017-16	Cap Screw, 5/16-18 x 3/4" Serr. Flan.
5	04090-02	Pop Rivet, 3/16 x .652	44	04017-17	Cap Screw, 5/16-18 x 1" Serr. Flan.
6	423834	Plate, Stiffener	45	04019-03	Nut, 5/16-18 Serrated Flange
7	423938	Support Frame, Hopper	46	04019-04	Nut, 3/8-16 Serrated Flange
8	423849	Hinge Bracket, L.H.	47	04020-12	Nut, 3/8-16 UNC Jam
9	423850	Hinge Bracket, R.H.	48	04021-01	Nut, #10-32 Elastic Stop
10	423858	Bracket, Hopper Support	49	04021-09	Nut, 3/8-16 Elastic Stop
11	423837	Latch, Door Prop	50	04021-10	Nut, 5/16-18 Elastic Stop
12	423840	Plate, Latch	51	04032-01	Washer, Special Wave
13	451838	Bellcrank Weldment, Upper	52	04040-15	Washer, 5/16375 x .875 x .083 Flat
14	451601	Debris Screen Weldment	53	04041-07	Washer, 3/8931 x .938 x .105 Flat
15	451602	Screen Support Weldment, Rear	54	43642	Bushing, Hopper Latch GC-CS
16	451603	Screen Support Weldment, Front	55	04001-54	Bolt, Hex Head 3/8-16 x 3"
17	451607	Hinge Weldment, Hopper	56	451598	Hinge Weldment, Door
18	43631	Spacer	57	04066-03	Pin
19	423830	Brace Stiffener, Short	58	481538	Rod End Male, 3/8-24 L.H. Thread
20	423828	Tube, Upright	59	04020-26	Nut, 3/8-24 UNF L.H. Thread
21	422386	Brace, Engine Mount	60	481539	Rod End Male, 3/8-24 R.H. Thread
22	423862	Latch, Dump Rod Inner	61	04020-25	Nut, 3/8-24 UNF R.H. Thread
23	423864	Latch, Dump Rod Outer	62	423865	Alignment Bracket, GC-CS
24	43063	Spacer	63	04001-19	Bolt, Hex Head 3/8-16 x 1"
25	43282	Spacer	64	04021-09	Nut, 3/8-16 Elastic Stop
26	43277	Spacer	65	451512	Hitch Bracket Weldment
27	481309	Latch, Hood	66	451595	Hitch Bracket Weldment, Floating
28	43641	Linkage Assembly, Lower	67	04001-51	Bolt, Hex Head 3/8-16 x 3-3/4"
29	43640	Linkage Assembly, Upper	68	423690	Support Bracket, Catcher
30	481245	Knob	69	423855	Bracket, Lower Stiffener
31	04001-10	Bolt, Hex Head 5/16-18 x 1-1/4		423859	Backing Plate, Hopper (Not Shown)
32	04001-18	Bolt, Hex Head 3/8-16 x 3/4"	70	423836	Retainer Strip, Hopper
33	04001-19	Bolt, Hex Head 3/8-16 x 1"	71	451596	Frame Weldment
34	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"			
35	04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"			
36	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"			
37	04001-45	Bolt, Hex Head 3/8-16 x 2"			
38	04001-46	Bolt, Hex Head 3/8-16 x 2-1/4"			
39	04001-63	Bolt, Hex Head 5/16-18 x 3-1/2"			

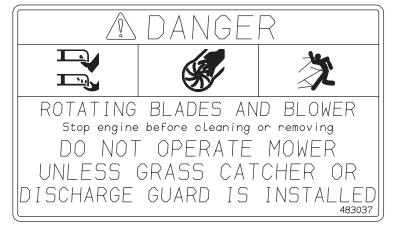
GC-STT-CSV DECALS

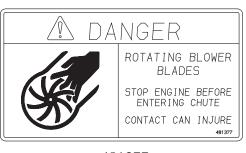


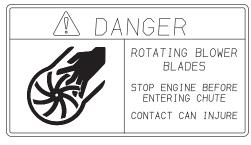












LIMITED WARRANTY- COMMERCIAL ACCESSORY

Any part of the Scag commercial accessory manufactured by Scag and found, in the reasonable judgment of Scag, to be defective in material or workmanship, will be repaired or replaced by an Authorized Scag Service Dealer without charge for parts and labor.

The Scag accessory, including any defective part, must be returned to an Authorized Scag Service Dealer within the warranty period. The expense of delivering the accessory to the dealer for warranty work and the expense of returning it back to the owner after repair or replacement will be paid for by the owner. Scag's responsibility in respect to claims is limited to making the required repairs or replacements, and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any Scag machine. Proof of purchase will be required by the dealer to substantiate any warranty claim. All warranty work must be performed by an Authorized Scag Service Dealer.

This warranty is limited to 90 days from the date of original retail purchase for any Scag accessory that is used for commercial purposes, or any other income-producing purpose including rental use.

This warranty does not cover any accessory that has been subject to misuse, neglect, negligence, or accident, or that has been operated in any way contrary to the operating instructions as specified in the Operator's Manual. The warranty does not apply to any damage to the accessory that is the result of improper maintenance, or to any accessory or parts that have not been assembled or installed as specified in the Operator's Manual.

The warranty does not cover any accessory that has been altered or modified. In addition, the warranty does not extend to repairs made necessary by normal wear, or by the use of parts or accessories which, in the reasonable judgment of Scag, are either incompatible with the Scag mower or adversely affect its operation, performance or durability. This warranty does not cover engines and electric starters, which are warranted separately by their manufacturer.

Scag Power Equipment reserves the right to change or improve the design of any accessory without assuming any obligation to modify any accessory previously manufactured.

All other implied warranties are limited in duration to the 90 day warranty period. Accordingly, any such implied warranties including merchantability, fitness for a particular purpose, or otherwise, are disclaimed in their entirety after the expiration of the appropriate ninety day warranty period. Scag's obligation under this warranty is strictly and exclusively limited to the repair or replacement of defective parts and Scag does not assume or authorize anyone to assume any other obligation for them. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Scag assumes no responsibility for incidental, consequential or other damages including, but not limited to, expense for gasoline, oil, expense of delivering the machine to an Authorized Scag Service Dealer and expense of returning it back to the owner, mechanic's travel time, telephone or telegram charges, rental of a like product during the time warranty repairs are being performed, travel, loss or damage to personal property, loss of revenue, loss of use of the mower, loss of time, or inconvenience. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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

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