SWISHER

MANUFACTURING QUALITY LAWN CARE EQUIPMENT SINCE 1945

Owner's Manual

SP-38



IMPORTANT
Read and follow all Safety Precautions and Instructions Before Operating this Equipment.

Made In CHINA

1602 CORPORATE DRIVE, PO BOX 67, WARRENSBURG, MISSOURI 64093
PH 660.747.8183 FAX 660.747.8650
swisherinc.com

LIMITED WARRANTY

The manufacturer's warranty to the original consumer purchaser is: This product is free from defects in materials and workmanship for a period of one (1) year from the date of purchase by the original consumer purchaser. We will repair or replace, at our discretion, parts found to be defective due to materials or workmanship. This warranty is subject to the following limitations and exclusions:

1) Commercial Use	The warranty period for any product used for commercial or rental is limited to ninety (90) days from the date of original purchase.
2) Limitations	This warranty applies only to products which have been properly assembled, adjusted, and operated in accordance with the instructions contained within this manual. This warranty does not apply to any product of Swisher Mower and Machine Co., Inc., that has been subject to alteration, misuse, abuse, improper assembly or installation, or shipping damage.
3) Exclusions	Excluded from this warranty are normal wear, normal adjustments, and normal maintenance.

In the event you have a claim under this warranty, you must return the product to an authorized service dealer. All transportation charges, damage, or loss incurred during transportation of parts submitted for replacement or repair under this warranty shall be borne by the purchaser. Should you have any questions concerning this warranty, please contact us toll-free at 1-800-222-8183. The model number, serial number, date of purchase, and the name of the authorized Swisher dealer from whom you purchased the mower will be needed before any warranty claim can be processed.

THIS WARRANTY DOES NOT APPLY TO ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AND ANY IMPLIED WARRANTIES ARE LIMITED TO THE SAME TIME PERIODS STATED HEREIN FOR ALL EXPRESSED WARRANTIES. Some states do not allow the limitation of consequential damages or limitations on how long an implied warranty may last, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary from state-to-state. This is a limited warranty as defined by the Magnuson-Moss Act of 1975.

SAFETY PRECAUTIONS

IMPORTANT! Read and follow all safety precautions and instructions before operating this equipment. Note that any form of power equipment can cause injury when not operated properly.

ALWAYS read your towing vehicle owners manual before using this sweeper. Refer to Safety precautions and vehicle towing limitations and specifications before operating.

THIS EQUIPMENT IS NOT A TOY. NEVER ALLOW anyone under 18 years of age to use sweeper in ANY way.

NEVER use for hauling people, pets, animals, or any loads.

ALWAYS wear proper eye protection and protective clothing when using this product.

MAXIMUM speed for operation is 5 mph.

ALWAYS stay away from any steep slopes. This may cause damage to the Sweeper and affect the operation. Also check your towing vehicle owners manual for cautions on slopes.

AVOID striking large or heavy objects. ALWAYS inspect sweeper for any damage if you strike a large impediment (ex: large rock) before continuing to operate or tow sweeper.

ALWAYS empty the Sweeper hopper bag and clean and dry sweeper after each use and before storing.

Grease/Oil moving parts and keep sweeper clean and dry for good operation. See any maintenance suggestions outlined in this manual.

HARDWARE PARTS

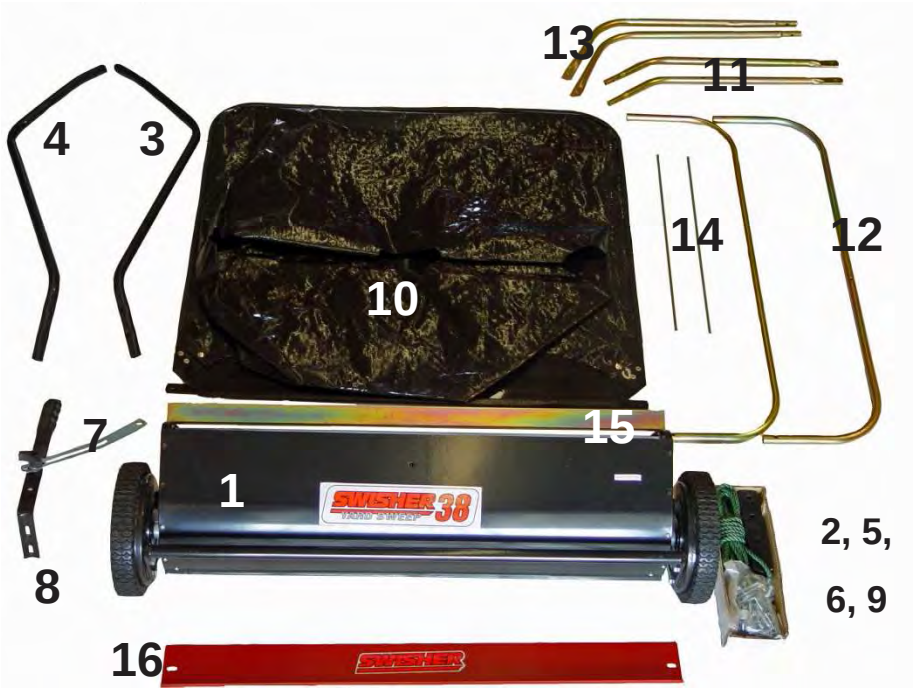
See Hardware Clamshell pack and refer to Part# and Qty labeled under each.

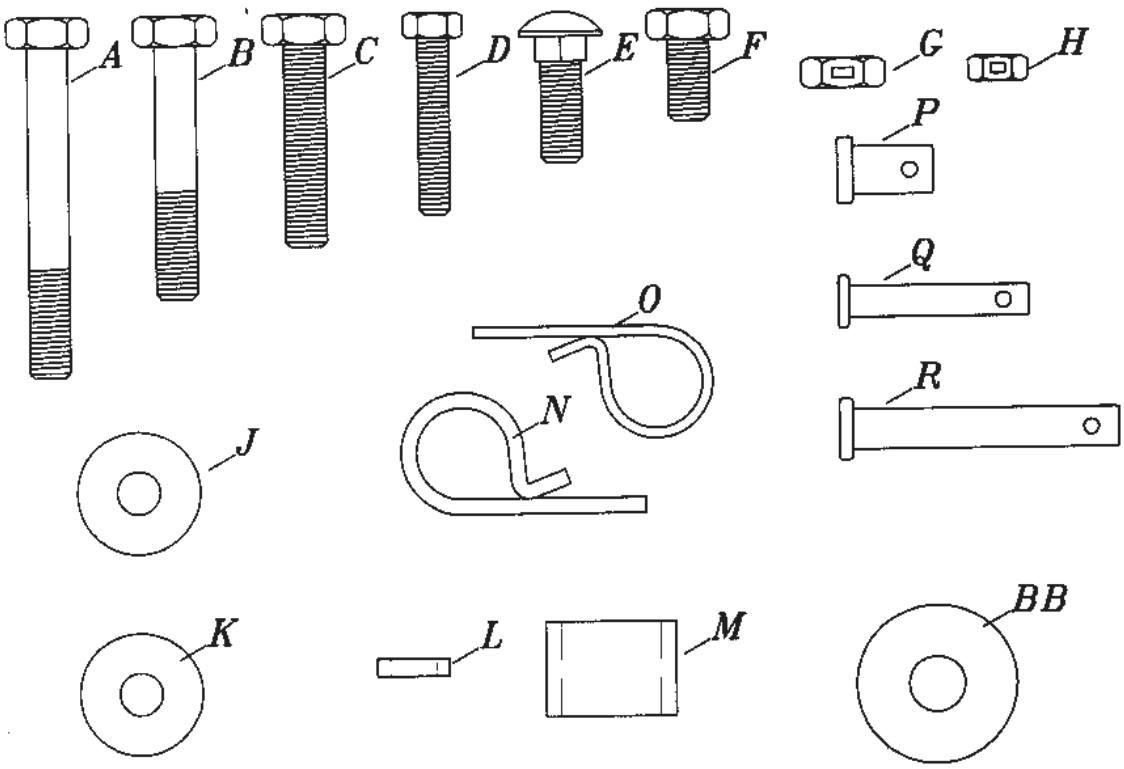
MISSING PARTS

If you are missing any parts, please do NOT return to place of purchase.
FIRST contact Swisher Customer Service for quick replacement at: 800-747-8183

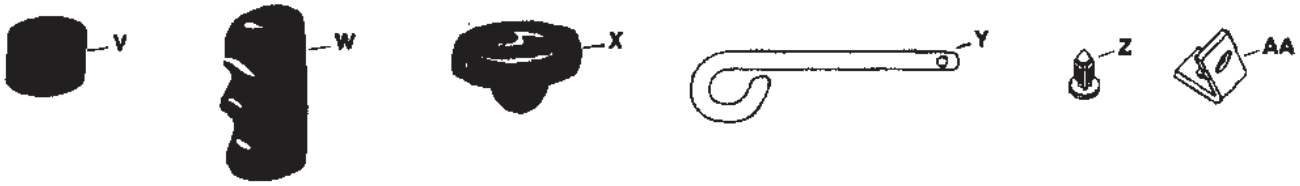
MAIN CARTON CONTENTS
(Un-assembled Parts in Carton)

1. Main Sweeper Assembly
2. Bag Arm Tube (Qty 2) - in parts box
3. Hitch Tube, L.H.
4. Hitch Tube, R.H.
5. Hitch Bracket (Top) - in parts box
6. Hitch Bracket (Bottom) - in parts box
7. Height Adjustment Metal Strap
8. Height Adjustment Handle
9. Rope - in parts box
10. Hopper Bag
11. Upper Hopper Side Tube (Qty 2)
12. Rear Hopper Tube (Qty 2)
13. Lower Hopper Side Tube (Qty 2)
14. Hopper Support Rod (Qty 2)
15. Bag Frame Metal Strap
16. Dust Shield





NOT SHOWN FULL SIZE



REF.	Part No.	QTY	DESCRIPTION	REF.	Part No.	QTY	DESCRIPTION
A	62	2	Hex Bolt, M8 x 65 Lg.	N	74	5	Hair Cotter Pin, Ø3
B	63	2	Hex Bolt, M8 x 50 Lg.	O	75	6	Hair Cotter Pin, Ø2
C	13	2	Hex Bolt, M8 x 40 Lg.	P	49	2	20
D	65	4	Hex Bolt, M6 x 35 Lg.	Q	26, 76	6	Clevis Pin B, Ø6 x 37
E	68	1	Carriage Bolt, M8 x 30 Lg.	R	59	2	54.5
F	9, 77	2	Hex Bolt, M8 x 16	V	53	2	Vinyl Cap
G	29	7	Hex Lock Nut, M8	W	70	1	Grip
H	23	4	Hex Lock Nut, M6	X	67	1	Knob,Plastic
J	69	1	Big Flat Washer, Ø8	Y	72	1	Hitch Pin
K	81	2	Friction Washer	Z	47	2	Plastic Plug
L	39	1	Spacer Bushing Ø16x3mm	AA	10	1	Angle Bracket
M	73	2	Hitch Spacer	BB	71	1	Big Flat Washer

ASSEMBLY INSTRUCTIONS

PRE-ASSEMBLY NOTES:

HELPFUL TIP: Fully read instructions before beginning assembly.
NOTE: Reference numbers in the instructions are from the "Parts List" page.
1. Remove all hardware and parts from carton(s).
2. Verify with above page that all parts and hardware are included.
3. If parts are missing DO NOT return to place of purchase, contact customer service FIRST for replacement parts to be sent directly to you.

STEP #1 ATTACH ANGLE BRAKET
Connect the angle bracket (#10) to the sweeper front panel using M8x16 hex bolt (#77) and a M8 hex lock nut(#29). Point the angle bracket to the right, as shown below.
Tighten connection.

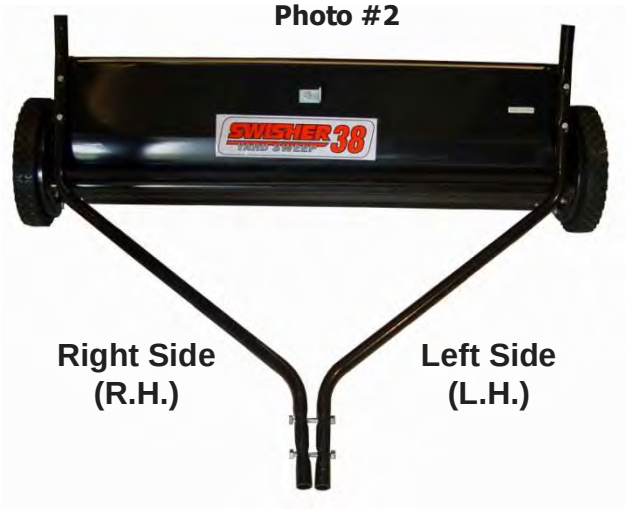
Photo #1





STEP #2 ATTACH HITCH TUBES
Attach the one side hitch tube to the main sweeper body using two M6x35 hex bolt(#65) and M6 lock nut (#23). Repeat for opposite side. See Photo below.
Wait to tighten connections.

Photo #2



STEP #3 CONNECT HITCH TUBES
Connect front of hitch tubes using two M8x65 hex bolts (#62) and M8 lock nuts(#29). See Photo below.
Wait to tighten connections.

Photo #3



FOR STEP #4 & #5: If towing vehicle hitch is more than 11" from the ground, SEE Photo #4. If it is less than 11", SEE Photo #5. This will determine the position of the hitch bracket (#55).

STEP #4 ATTACH HITCH BRACKET
Attach hitch bracket to hitch tubes using two M8x50 hex bolts (#63) and M8 hex lock nuts (#29). These bolts will interconnect with the hitch tube bolts from previous step. Refer to Photo #4 or #5 below.
Wait to tighten connections.

Photo #4

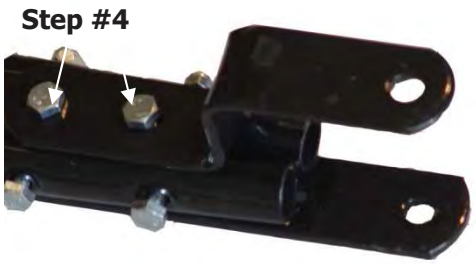
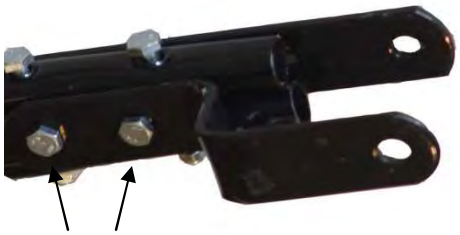


Photo #5



STEP #5 TIGHTEN BOLTS
A. Tighten the bolts that attach the hitch tubes to the main sweeper housing (two on each side).
B. Tighten two bolts attaching the end of the hitch tubes together (horizontal bolts).
C. Tighten two bolts fastening the hitch bracket to the hitch tubes (vertical bolts).

STEP #6 INSERT HITCH PIN
Insert hitch pin (#72) with two 20mm washer spacers(#73) and hair cotter pin(#74) between the hitch brackets.
SEE PHOTO #6 below

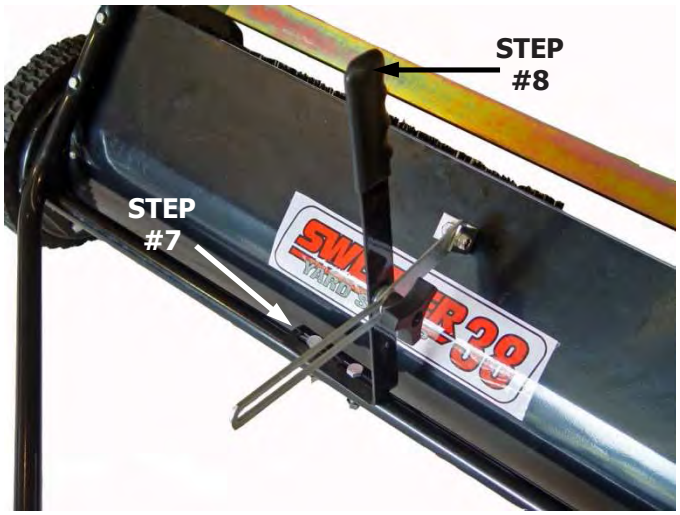
Photo #6



STEP# 7 ATTACH HEIGHT ADJ HANDLE
Attach the height adjustment handle to the main housing cross bar using two M8×40 hex bolts (#13) and M8 lock nuts (#29). SEE Photo #8
Wait to tighten connection.

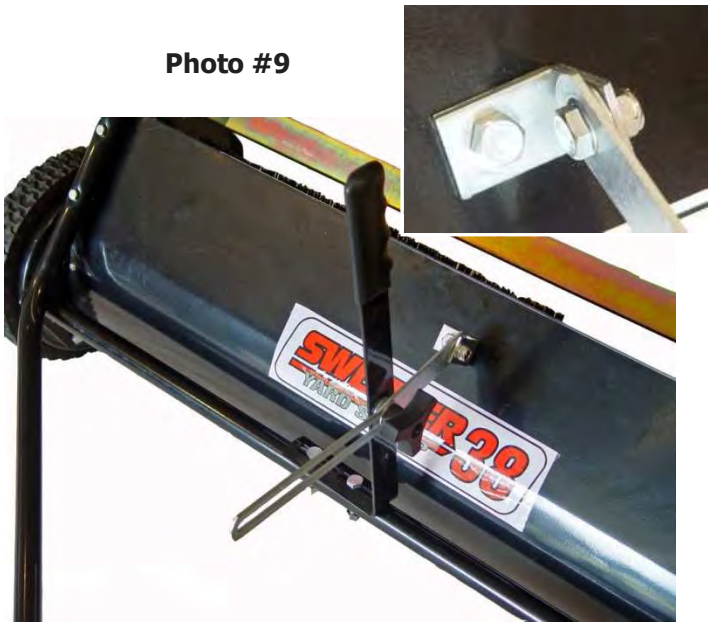
STEP #8 ATTACH RUBBER HANDLE
Attach rubber grip (#70) to top of handle.

Photo #8



STEP #9 ATTACH METAL STRAP to ANGLE BRACKET
Attach height adjustment metal strap (#54) using M8x16 hex bolt (#9) to angle bracket on sweeper body.
Attach hardware in the following order:
M8 Bolt, angle bracket, spacer bushing Ø16×3mm(#66), metal strap, flat washer(#69), then M8 hex lock nut(#29).
Fully tighten connection.
See Photo #9 below

Photo #9

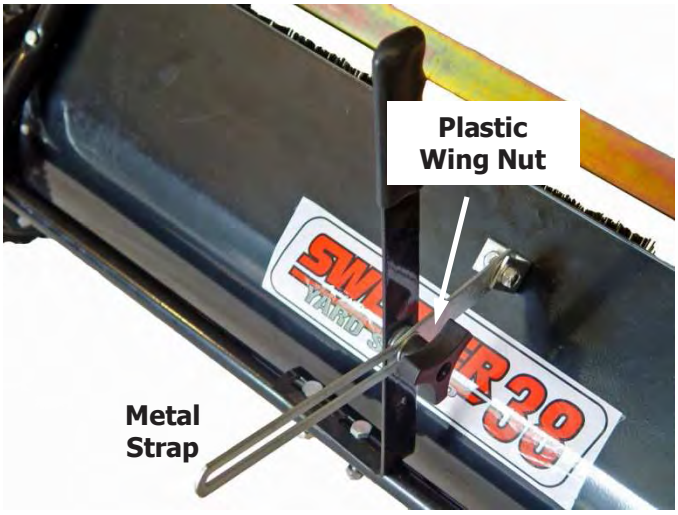


STEP #10 CONNECT METAL STRAP & HANDLE
Move the height adjustment handle slightly to one side to fit the friction washer (#/81) between the handle and the metal strap.

Next, place the M8×30 carriage bolt(#68) through the height adjustment handle, insert friction washer

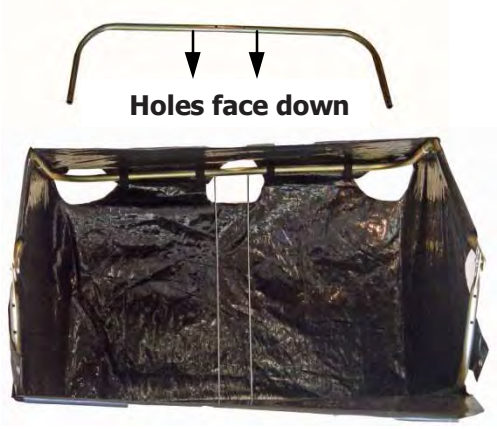
#81). SEE Photo #10 below. On opposite side use friction washer (#81), big falt washer(#71) then Plastic Wing Knob (#67) connecting to carriage bolt. **Tighten the connection.**

Photo #10



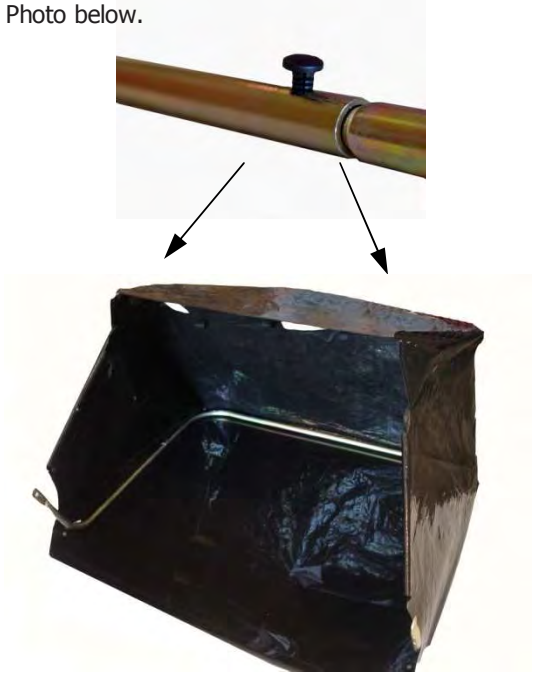
ASSEMBLING THE SWEEPER BAG

STEP #1 INSERT REAR HOPPER TUBE – TOP SIDE
Use one rear hopper tube and have the brace holes in the center of the tube face downward. Slide the rear hopper tube through the loops inside the top seam of the sweeper bag. SEE PHOTO #1 below.

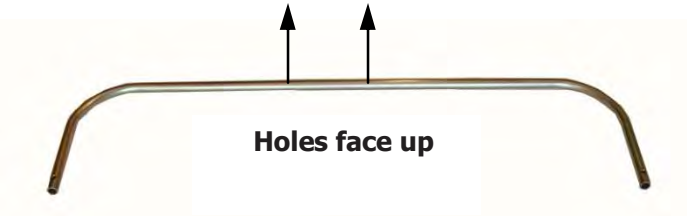


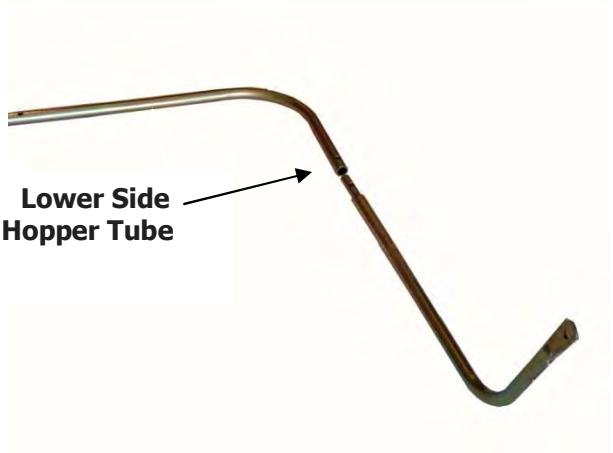
Step #2 INSERT SIDE TUBES
Slide the two upper side tubes through the stitched flaps on each side of the sweeper bag.

Step #2 - A CONNECT TUBES
Connect the ends of the rear hopper tube to the ends of the upper side tubes. Fasten together using plastic plugs (#47) See Photo below.

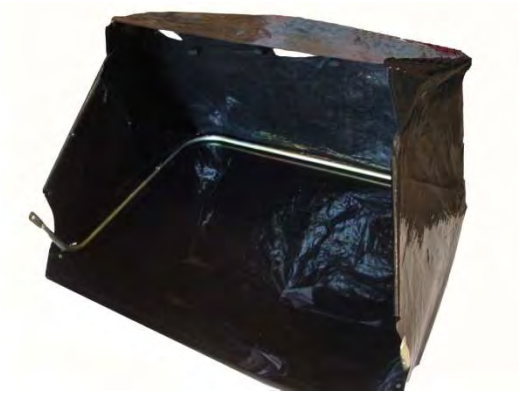


Step #3 REAR HOPPER TUBE - BOTTOM
Position the second rear hopper tube so that the brace holes in the center of the tube face upward. Connect the ends of the rear hopper tube to the ends of the lower hopper side tubes. Fasten tubes together using Plastic Plug (#47). See below.

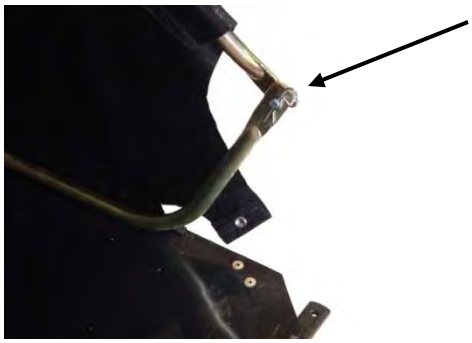




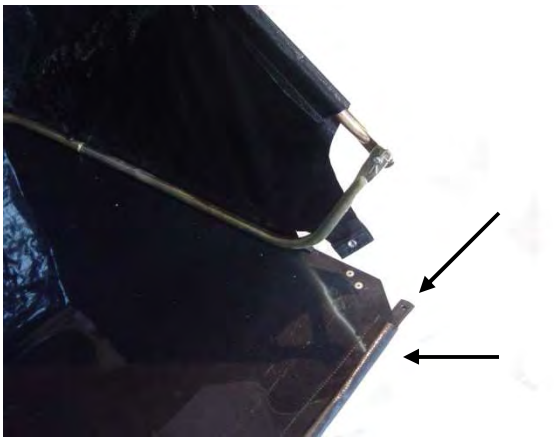
STEP #4 INSERT LOWER TUBES
Lay the assembled lower hopper tube into the bottom of the hopper bag.



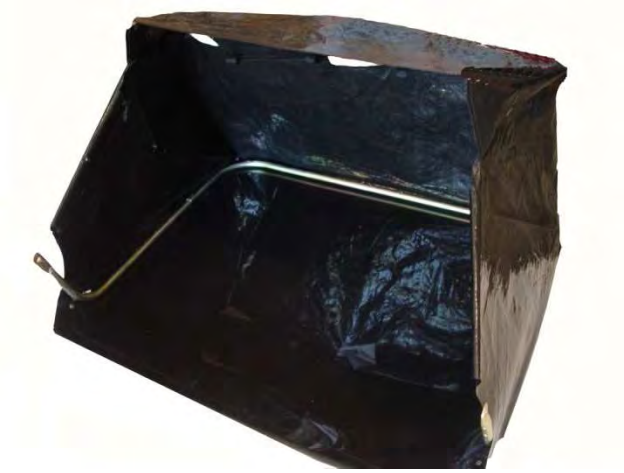
STEP #5 CONNECT UPPER & LOWER TUBES
Connect the ends of the lower side tubes to the inside of the upper side tubes using two clevis pins C (#49) inserted from the inside, and two hair cotter pins (#74).



STEP #6 INSERT METAL STRAP
Insert the bag frame metal strap (#50) into the stitched sleeve on the front edge of the bag bottom.
Next, connect the bag frame metal strap to the lower hopper side tubes with two clevis pins B (#76) and 2 hair cotter pins Ø2 (#75). See Photo below.



STEP #7 FASTEN BAG
Fasten the corners of the bag around the lower hopper side tubes by snapping the bag flaps to the bag bottom on both sides.



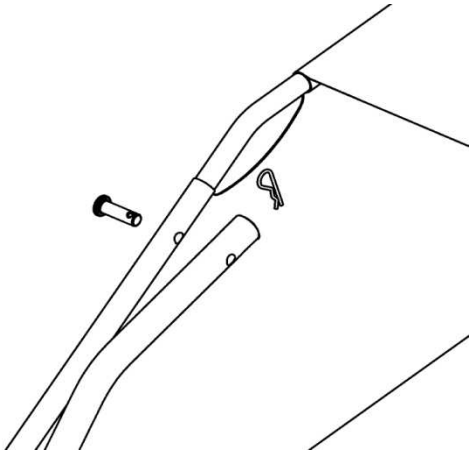
CAREFUL:
Take care to not over bend the support rods in step #8. Over bending can cause the steel rods to lose support.

STEP #8 SUPPORT RODS
Turn the hopper onto its back to install the two hopper support rods(#51). Place the ends of each rod into the upper and lower rear hopper tubes. Bend the rods just enough to fit into the holes in the center of the tubes.



STEP #9 ADD NEW HOLE TO BAG
Along the stitched flap on the sweeper bag, locate the **lower** hole in both upper bag side tubes. Puncture a hole through both sides of the stitched flaps in line with the lower hole. See Photo Below.

Step # 9



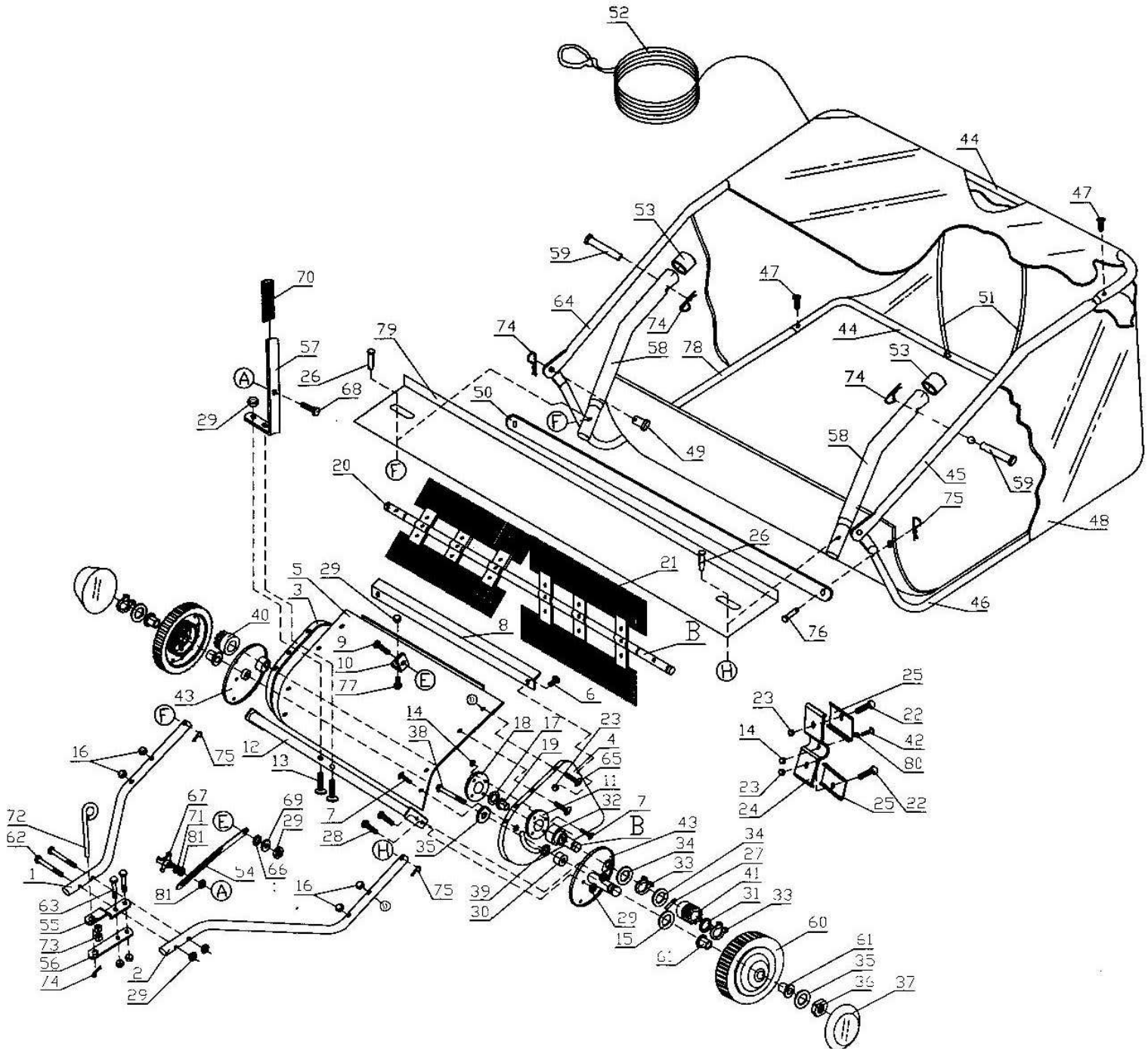
STEP #10 ATTACH ROPE
Tie the rope (#1) to open area at the top center of the hopper bag frame.



STEP #11 ATTACH BAG TO SWEEPER
Connect the hopper bag to the sweeper body. Align the ends of the bag arm tubes with the ends of the sweeper's hitch tubes and fasten with clevis pins "A" (#13) and hair cotter pins Ø2(#62) for each side.
Optional: Place red dust shield (#59) over each bag arm hole: Then attach with clevis pin A (#13) as Stated in Step #12.



Ref.No.	Part #	Qty.	Description	Ref.No.	Part #	Qty.	Description
1	11938	1	Hitch Tube, Right Side	42	11996	4	Cross Slot Screw, M5×25
2	11939	1	Hitch Tube, Left Side	43	11962	2	Dust Cover Ass'y
3	11940	1	End plate, Right Side	44	11963	2	Hopper Frame Tube (Rear)
4	11941	1	End plate, Left Side	45	11964	1	Upper Hopper Frame Tube (L.H)
5	11942	1	Wrapper	46	11965	1	Lower Hopper Frame Tube (L.H)
6	11991	2	Slotted Pan Head Screw, M6×12	47	11966	4	Plastic Bolt
7	11992	14	Slotted Pan Head Screw, M5×12	48	11967	1	Hopper Bag
8	11944	1	Rear Support Brace	49	11968	2	Clevis Pin C
9	11993	1	Hex Bolt, M8×16	50	11969	1	Bag Frame Strap
10	11943	1	Angle Bracket	51	11970	2	Hopper Support Rod
11	11945	2	Special Washer	52	11971	1	Hopper Rope
12	11946	1	Height Adj. Tube Assembly	53	11972	2	Vinyl Cap
13	NB152	2	Hex Bolt, M8×40	54	11973	1	Height Adjustment Strap
14	11994	18	Lock Nut, M5	55	11974	1	Hitch Bracket (Bent)
15	14213	2	Adj. Washer C	56	11975	1	Hitch Bracket (Straight)
16	11995	6	Lock Nut, M6	57	11976	1	Height Adjustment Handle
17	11947	2	Inside Star Washer	58	11977	2	Bag Arm Tube
18	11948	2	Dust Cover Retainer	59	11978	2	Clevis Pin D
19	11949	2	Brush Shaft Bushing	60	11979	2	Wheel & Tire Ass'y
20	11950	1	Brush Shaft	61	11980	4	Wheel Bearing
21	11951	4	Brush	62	12105	2	Hex Bolt, M8×65
22	13788	8	Hex Bolt, M6×20	63	12224	2	Hex Bolt, M8×50
23	11995	8	Lock Nut, M6	64	14216	1	Upper Hopper Frame Tube (R.H)
24	11952	4	Retainer, Brush (Double)	65	12106	4	Hex Bolt, M6×35
25	11953	8	Retainer, Brush (Single)	66	11981	1	Spacer Bushing for Height Adj.Strap
26	11997	2	Clevis Pin A	67	11982	1	Wing Knob
27	11954	2	Dowel Pin (Drive)	68	11983	1	Carriage Bolt, M8×30
28	11993	4	Hex Bolt, M8×16	69	12107	3	Big Flat Washer, Ø8
29	11998	13	Hex Lock Nut, M8	70	11984	1	Rubber Grip
30	11955	2	Spacer for axle	71	11985	1	Big Flat Washer
31	11999	2	Adj. Washer B	72	11986	1	Hitch Pin
32	14214	2	Bushing	73	11987	2	Hitch Spacer Tube
33	11956	4	Retaining Ring, Ø15	74	11988	5	Hair Cotter Pin, Ø3
34	14215	4	Adj.Washer A	75	11989	4	Hair Cotter Pin, Ø2
35	12101	4	Flat Washer, Ø10	76	11990	2	Clevis Pin B
36	12102	2	Nylock Nut, M10	77	11993	1	Hex Bolt M8×16
37	11958	2	Hub Cap	78	14217	1	Lower Hopper Frame Tube (R.H)
38	12103	2	Hex Bolt, M10×85	79	14218	1	Dust Guard
39	11959	2	Spacer Bushing Ø16×3mm	80	14247	6	Star Washer Ø5□
40	11960	1	Pinion Gear R.H.	81	14248	2	Friction Washer
41	11961	1	Pinion Gear L.H.	N/A	12471		SP-38 Hardware Kit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SWISHER

MANUFACTURING QUALITY LAWN CARE EQUIPMENT SINCE 1945

Owner's Manual

SP-38

ATV & LAWN ACCESSORIES



IMPORTANT
Read and follow all Safety Precautions and Instructions Before Operating this Equipment.

WHEN ORDERING PARTS, PLEASE HAVE THE FOLLOWING INORMATION AVAILABLE:

* PRODUCT – _____
* SERIAL NUMBER - _____
* MODEL NUMBER - _____
TYPE - _____
* PART NUMBER WITH PAINT CODE
* PART DESCRIPTION

TELEPHONE - 1-800-222-8183
FAX - 1-660-747-8650

SWISHER MOWER & MACHINE CO. INC.
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WARRENSBURG, MO 64093

swisherinc.com