

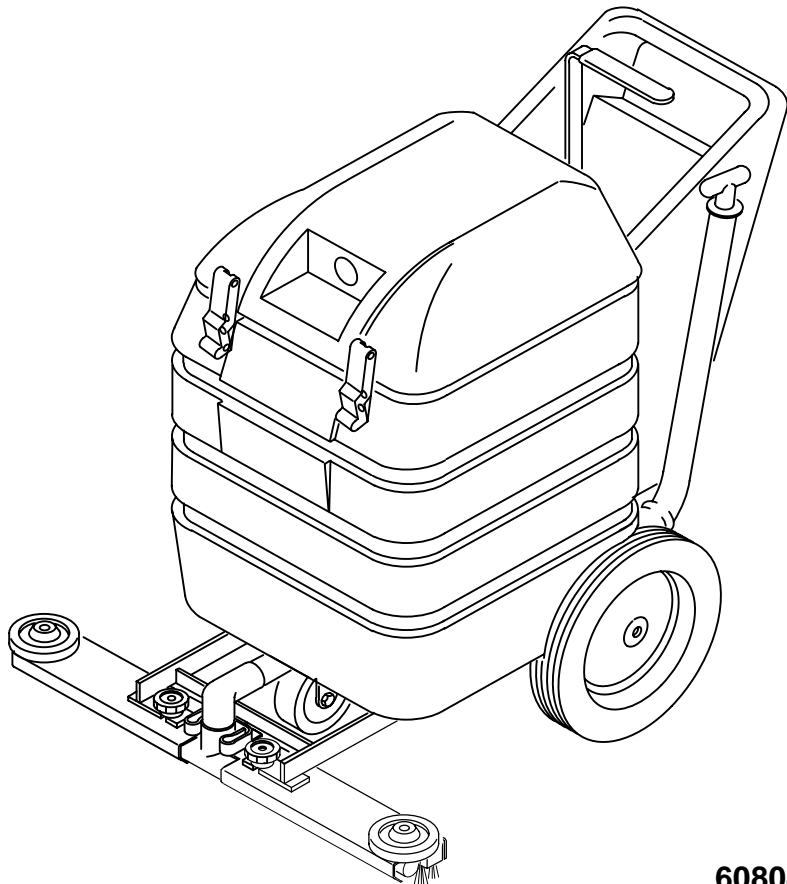
# Castex®

## CS-20

### Floor Stripper Applicator

**Model No.:**  
**607420**

**Operator and Parts Manual**



**CASTEX**  
12875 RANSOM STREET  
HOLLAND MI 49424 U.S.A.

**FAX: 1-800-678-4240**  
**CUSTOMER SERVICE: 1-800-964-9644**

**608040**  
**Rev. 00 (07-99)**

# OPERATION

This manual is furnished with each new model. It provides necessary installation, operation and maintenance instructions and an illustrated parts list. **Read this manual completely and understand the machine before operating or servicing it.**

This machine will provide excellent service. However, the best results will be obtained at minimum costs if:

- The machine is operated with reasonable care.
- The machine is maintained regularly - per the machine maintenance instructions provided.
- The machine is maintained with manufacturer supplied or equivalent parts.

## MACHINE DATA

Please fill out at time of installation for future reference.

Model No.- \_\_\_\_\_

Install. Date - \_\_\_\_\_

Serial No.- \_\_\_\_\_

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## TABLE OF CONTENTS

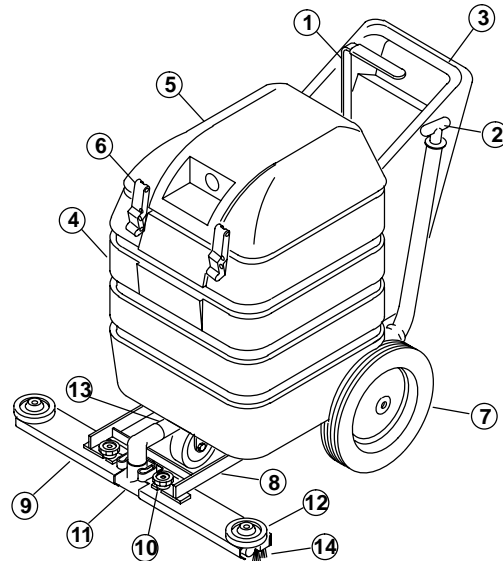
<b>MACHINE APPLICATION</b> .....	2
<b>MACHINE COMPONENTS</b> .....	2
<b>MACHINE INSTALLATION</b> .....	3
UNCRATING MACHINE .....	3
ATTACHING HANDLE .....	3
ATTACHING SOLUTION FLOW LEVER	
LINKAGE .....	3
INSTALLING DISPENSER ASSEMBLY ....	3
<b>MACHINE SETUP</b> .....	4
<b>MACHINE OPERATION</b> .....	4
<b>DRAINING TANK</b> .....	5
<b>MACHINE MAINTENANCE</b> .....	5
<b>TROUBLE SHOOTING</b> .....	5
<b>SPECIFICATIONS</b> .....	5
<b>PARTS LIST</b> .....	6
MAIN HOUSING ASSEMBLY .....	6
DISPENSER ASSEMBLY .....	8

## MACHINE APPLICATION

This machine is intended for commercial use. It is suited to apply floor stripper solvent on floors in an indoor environment and is not constructed for any other use. Use only recommended stripping solvents.

**⚠ WARNING: Flammable materials can cause an explosion or fire. Do not use flammable materials in tank(s).**

## MACHINE COMPONENTS



1. Solution Flow Lever
2. Drain Hose Knob
3. Handle
4. 76L (20 Gallon) Solution Tank
5. Solution Tank Cover
6. Cover Latches
7. 250 mm (10 inch) Stair Climbing Wheels
8. Dispenser Frame Weldment
9. Dispenser Assembly
10. Dispenser Assembly Knobs
11. Drip Bar
12. Wall Rollers
13. Clear Solution Hose
14. Brushes

**MACHINE INSTALLATION**

**UNCRATING MACHINE**

Carefully check carton for signs of damage. Report damages at once to carrier.

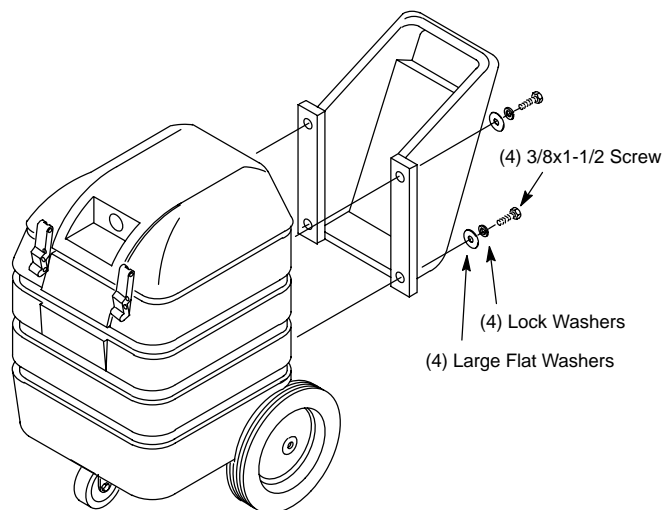
Check carton contents list below to ensure everything is included. Contact your distributor for missing items.

**Contents:**

- Machine
- Handle
- Hardware package (stored in solution tank)
- Dispenser Frame Weldment w/ Lift Pedal
- Dispenser Assembly w/2 Knobs
- 760 mm (30 in) Drip Bar

**ATTACHING HANDLE**

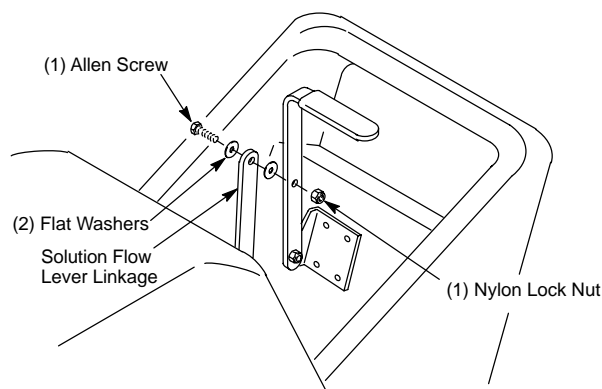
1. Attach handle to machine. Hardware package is stored in solution tank.
2. Align handle to mounting holes and fasten with (4) 3/8x1-1/2" hex head screws with flat and lock washers. Use a 9/16" wrench (Figure 1.).



**FIG. 1.**

**ATTACHING SOLUTION FLOW LEVER LINKAGE**

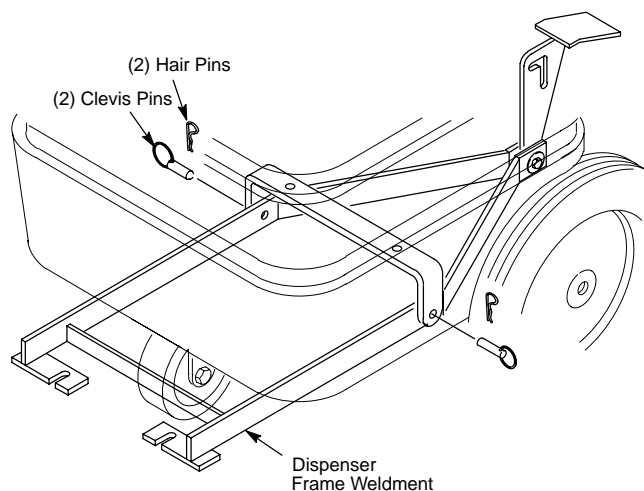
1. Connect solution flow lever to solution valve linkage arm.
2. Align solution lever to linkage arm and connect with allen screw, (2) small flat washer and nylon lock nut. Use a 5/32" allen wrench and 7/16" wrench (Figure 2.).



**FIG. 2.**

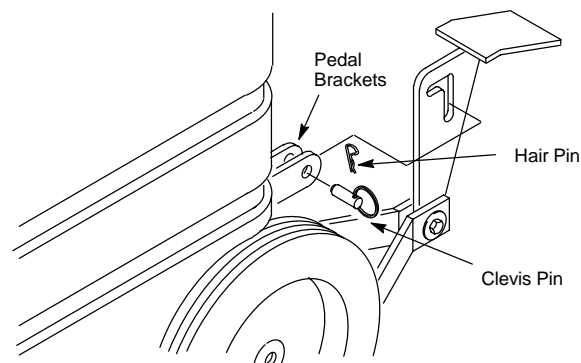
**INSTALLING DISPENSER ASSEMBLY**

1. Place dispenser frame weldment under machine and fasten to mounting bracket that is factory installed. Use two clevis pins as shown, secure with two hair pins (Figure 3.).



**FIG. 3.**

2. Position pedal between pedal brackets at rear of machine. Insert clevis pin through brackets and pedal, secure with hair pin (Figure 4.).



**FIG. 4.**

# OPERATION

- Loosen (2) knobs and attach dispenser assembly to frame weldment, tighten down knobs. Brush side should face towards machine (*Figure 5.*).

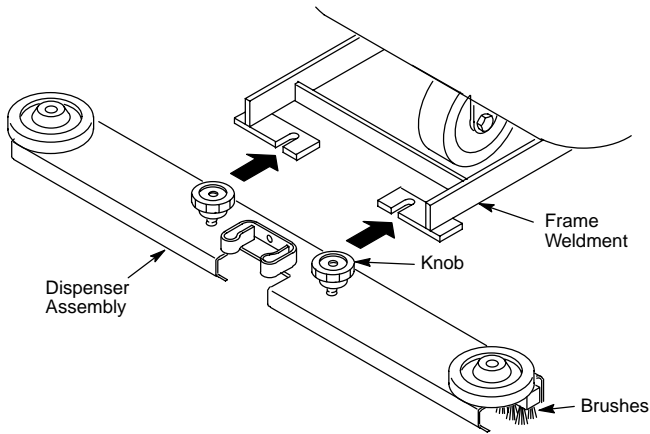


FIG. 5.

- Position drip bar into dispenser assembly and snap bar onto retainer clip. Then connect elbow on clear hose to drip bar (*Figure 6.*).

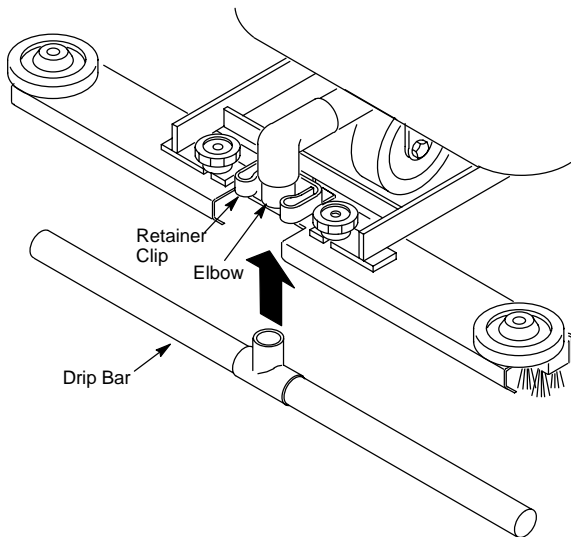


FIG. 6.

- Raise dispenser assembly off floor. Step down on pedal to raise dispenser to transport position (*Figure 7.*).

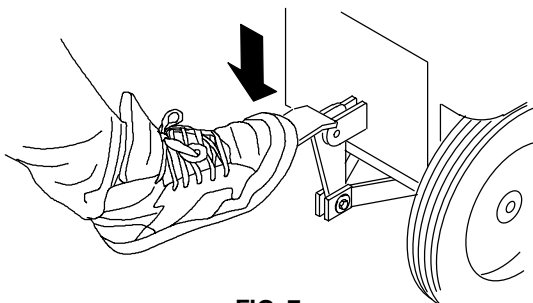


FIG. 7.

## MACHINE SETUP

- Push solution flow lever completely forward to shut off solution flow.
- Open solution tank cover and pour up to 76L (20 gal) of recommended stripper solvent into tank.

**FOR SAFETY: When using machine, follow mixing and handling instructions on chemical containers.**

**NOTE:** See Flow Rates on page 5.

**⚠ WARNING: Flammable materials can cause an explosion or fire. Do not use flammable materials in tank(s).**

## MACHINE OPERATION

**NOTE:** This machine is designed to be pushed forward for easy maneuvering and quick applying, however if desired you may pull the machine backwards, but you must rotate the dispenser assembly 180°.

- Lower dispenser assembly to floor. Push pedal forward to release from transport position (*Figure 8.*).

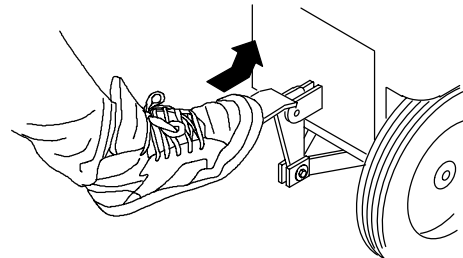


FIG. 8.

**NOTE:** Use stripper traction shoes when applying stripper on floor.

- To start solution flow, pull Solution Flow Lever completely backwards. You can regulate the amount of flow by pushing lever forward (*Figure 9.*).

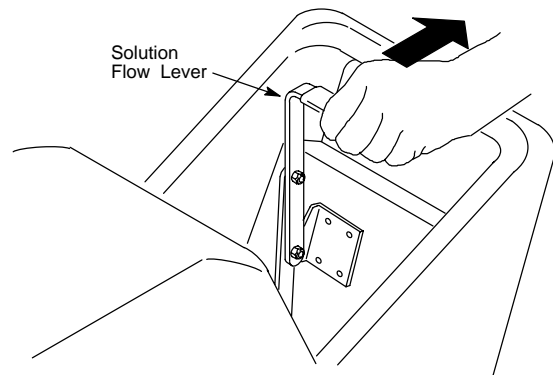


FIG. 9.

3. Begin applying stripper by pushing machine at a moderate walking pace.

**FOR SAFETY: When using machine, go slow on inclines and slippery surfaces.**

### **DRAINING TANK**

1. Raise dispenser assembly to transport position and push machine to draining area.
2. To drain excess stripper solvent, remove drain hose from holder and twist off drain hose plug.
3. Perform maintenance procedures before storing machine.

### **MACHINE MAINTENANCE**

#### **AFTER EACH USE:**

1. Remove and rinse out dispenser drip bar and brushes.
2. Rinse out tank and clear hose thoroughly.
3. Clean machine housing with a nonabrasive, non-solvent cleaner.
4. Periodically lubricate wheels and casters with a water resistant oil.

### **TROUBLE SHOOTING**

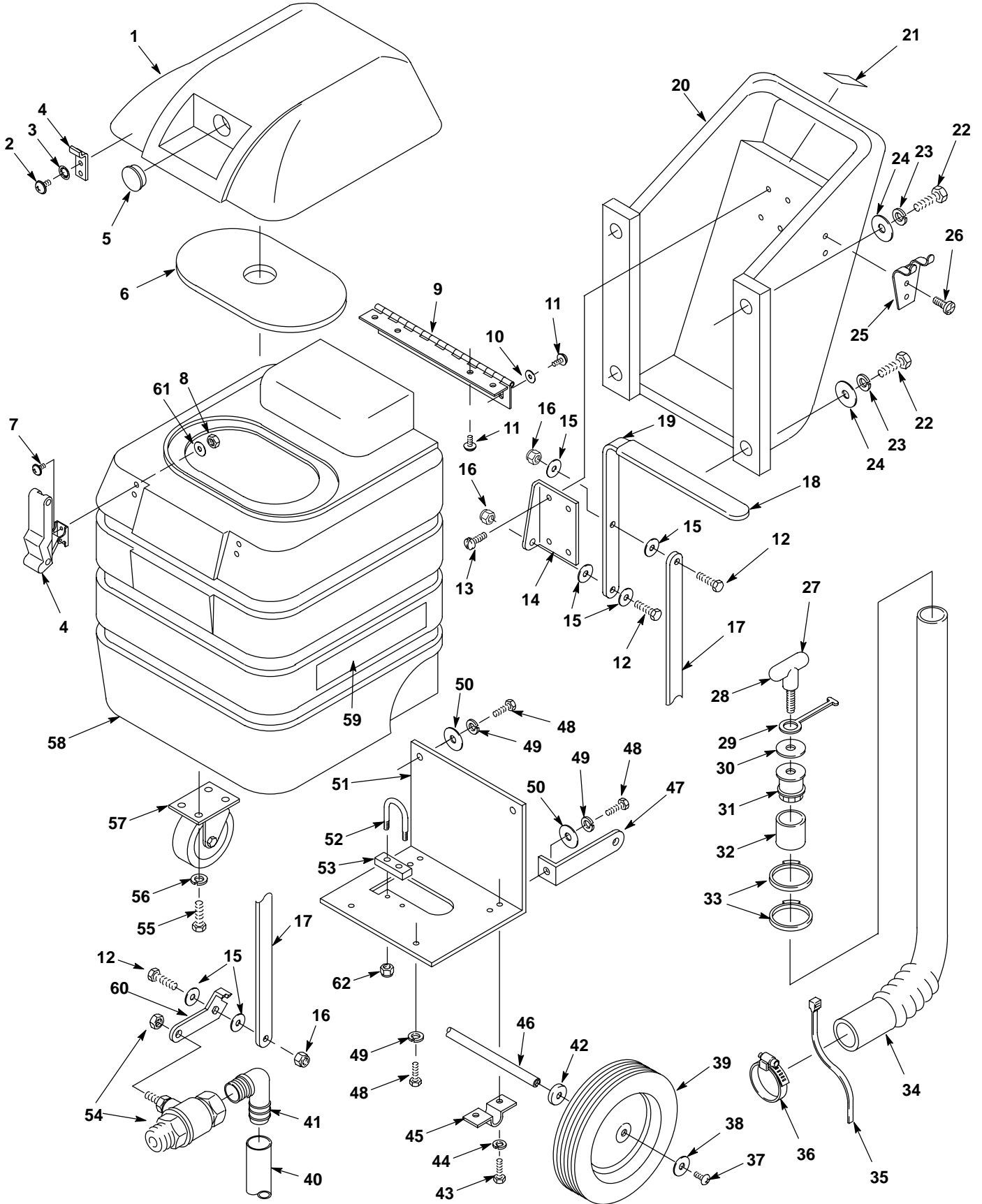
<b>PROBLEM</b>	<b>CAUSE</b>	<b>SOLUTION</b>
No solution flow.	Dispenser drip bar is plugged.	Unplug drip bar.
	Solution flow lever not activated.	Activate lever.
	Solution valve is plugged.	Replace or unplug valve.
	Clear hose is plugged.	Remove and flush out.

### **SPECIFICATIONS**

<b>Model</b>	<b>CS-20</b>
LENGTH	840 mm ( 33 in)
WIDTH	480 mm (19 in)
HEIGHT	860 mm (34 in)
WEIGHT	29Kg (64.5 lbs)
DISPENSER ASSEMBLY WIDTH	810 mm (32 in)
TANK CAPACITY	76L (20 Gal)
SOLUTION FLOW RATE	14L (3.6 Gal) per minute (max. flow) 2509 Sq. meter (27,000 Sq. ft) per full tank

# PARTS LIST

## MAIN HOUSING ASSEMBLY



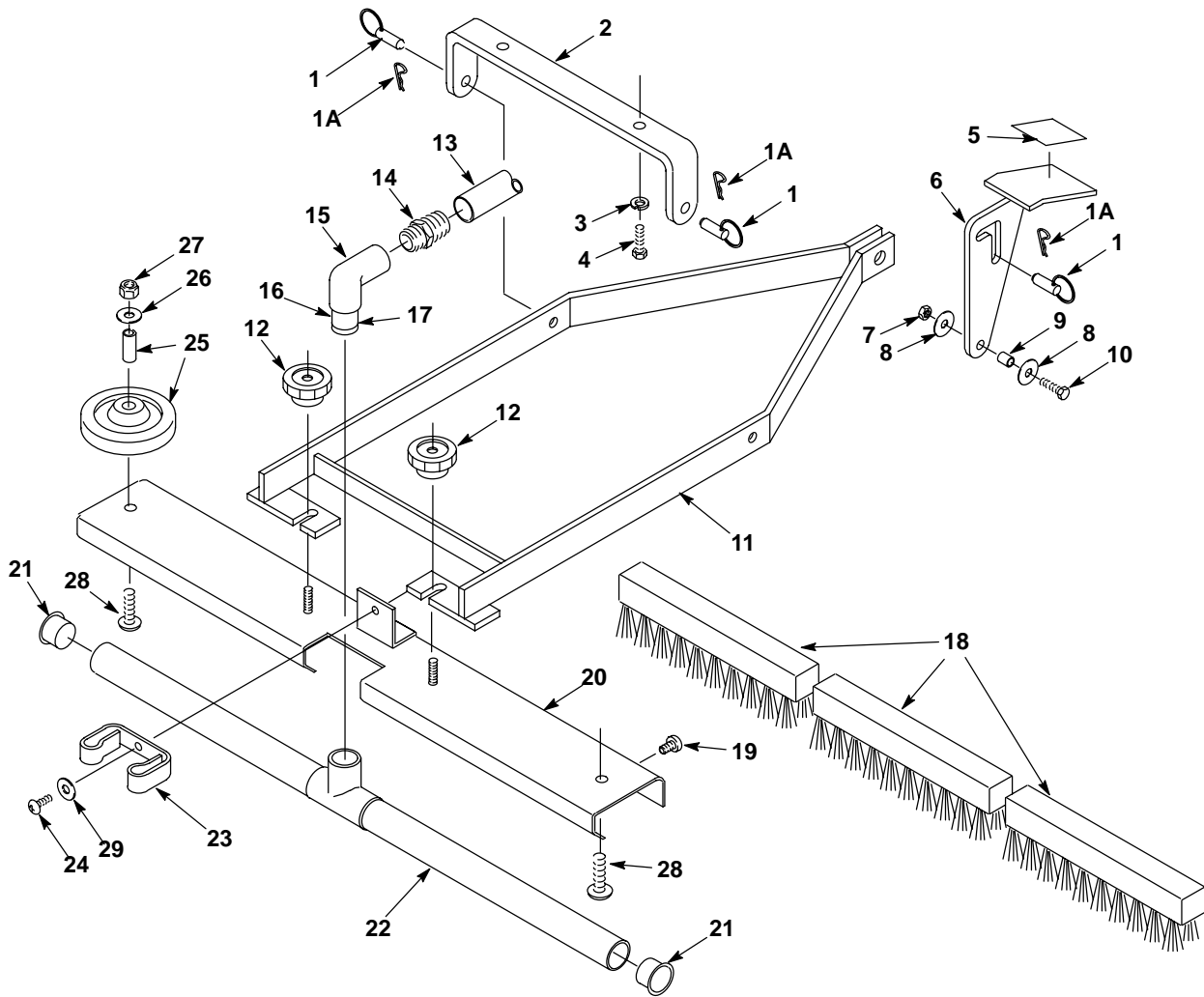
## MAIN HOUSING ASSEMBLY

REF	PART #	DESCRIPTION	QTY.
1.	608017	COVER, BLUE	1
2.	140801	SCREW,8-32X3/8	4
3.	140023	WASHER, INT LCK TOOTH #8	4
4.	140932	LATCH, HOOD RUBBER	2
5.	601401	PLUG, DOME	1
6.	100097	GASKET, 16 GAL COVER	1
7.	140802	SCREW, 8-32X5/8	4
8.	28990	NUT, LOCK 8-32	4
9.	230318	HINGE, COVER 16 GAL	1
10.	140000	WASHER, FLAT 1/4"	4
11.	140195	SCREW, 1/4-20X1/2	8
12.	601293	SCREW, 1/4-20X.312	3
13.	140825	SCREW, #6X1/2	4
14.	601285	BRACKET, PIVOT MOUNT	1
15.	140027	WASHER, FLAT 5/16	1
16.	140501	NUT, LOCK 1/4 NYLON	3
17.	601283	PLATE, LINK	1
18.	069764052	CLOSURE, HANDLE	1
19.	601284	BRACKET, HANDLE	1
20.	100376	HANDLE, BLUE	1
21.	578729	DECAL, READ MANUAL TEXTLESS	1
22.	140231	SCREW, 3/8X1-1/2	4
23.	140017	WASHER, SPLIT LOCK 3/8"	4
24.	140028	WASHER, FLAT 3/8"	4
25.	230696.BK	BRACKET, DRAIN HOSE	1
26.	140825	SCREW, #6X1/2	2
27.	701061	ASM, DRAIN HOSE STOPPER	1
28.	230831	KNOB, DRAIN HOSE	1
29.	230882	STRAP, DRAIN STOPPER	1
30.	140056	WASHER, FNDR 3/8ID X 1.500D	1
31.	140955	PLUG, DRAIN HOSE	1
32.	140921	SLEEVE, DRAIN HOSE	1

REF	PART #	DESCRIPTION	QTY.
33.	140072	CLAMP	2
34.	160457	HOSE, DRAIN 24.5"	1
35.	130041	WIRE TIE, NYLON 11-1/2X.190	1
36.	140307	CLAMP, HOSE 3/4 TO 1-3/4	1
37.	140195	SCREW, 1/4-20X1/2	2
38.	140003	WASHER, FNDR 1/4X1	2
39.	103060	WHEEL, 10" X 1.75 BLK/GRAY TRD	2
40.	630020	HOSE, .75IDX1.000D	.66M
41.	575745	FITTING, ELBOW, .75" HOSE .75" NPT	1
42.	140063	WASHER, .510IDX1.250D.25	2
43.	140553	SCREW, 1/4-20X1/2	4
44.	140016	WASHER, LOCK 1/4"	4
45.	230746	BRACKET, AXLE OFFSET	2
46.	230317	AXLE, 16 GAL	1
47.	230496.BK	SUPPORT, DRAIN HOSE	1
48.	140885	SCREW,1/4-20X1/2	4
49.	578244000	WASHER, LOCK 1/4"	3
50.	140000	WASHER, FLAT 1/4"	3
51.	601292	COVER PLATE, TANK	1
52.	601295	SCREW, "U" BOLT, 1/4-20X1.50ID	1
53.	601282	PLATE, SPACER	1
54.	601365	VALVE BALL, 3/4" MPT X 3/4" FPT	1
55.	140226	SCREW, 5/16-18X5/8	4
56.	140015	WASHER, SPLIT LOCK 5/16	4
57.	103065	CASTER, SWIVEL 4"	1
58.	607349	TANK, 16 GAL, BLUE	1
59.	608041	DECAL, "CS-20"	2
60.	601297	BRACKET, VALVE	1
61.	140011	WASHER	4
62.	140501	NUT, LOCK	2
N/S	120101	DECAL, CASTEX LOGO	1

# PARTS LIST

## DISPENSER ASSEMBLY



REF	PART #	DESCRIPTION	QTY.
	600852	ASM., 30° DISPENSER W/ BRUSH	1
1.	630258	PIN, CLEVIS	3
1A.	612254000	PIN, HAIRPIN	3
2.	230454	BRACKET, SQUEEGEE MOUNT	1
3.	140017	WASHER, SPLIT LOCK 3/8"	2
4.	140201	SCREW, 3/8-16X3/4	2
5.	102560	PAD, NON-SLIP	1
6.	230456	PEDAL, LIFT	1
7.	140515	NUT, LOCK 3/8"	2
8.	140028	WASHER, FLAT 3/8"	2
9.	140925	SPACER, CHASSIS 3/16"	1
10.	140232	SCREW, 3/8-16X1-1/4	1
11.	601286	BRACKET, DISPENSER LIFT	1
12.	27257	KNOB	2
13.	630020	HOSE, .75"ID X 1.00OD	.66M
14.	612146000	FITTING, STR .75" HOSE, .75" NPT	1

REF	PART #	DESCRIPTION	QTY.
15.	601364	FITTING, 90° ELBOW 3/4"	1
16.	601360	CONNECTOR	1
17.	601361	O-RING	1
18.	601303	BRUSH, STRIP 10"	3
19.	140798	SCREW, 6X7/8	9
20.	601298	BRACKET, 30° DISPENSER ASM	1
21.	601363	PLUG, TAPPED	2
22.	601362	DISPENSER, DRIP BAR ASM 30"	1
23.	573073	CLIP, WAND 1" TO 1-1/2" DIA	1
24.	140837	SCREW, 10-24X3/8	1
25.	630450	WHEEL, RUBBER	2
26.	140027	WASHER, FLAT 5/16"	2
27.	28819	NUT, LOCK 5/16-18	2
28.	140799	SCREW	2
29.	140018	WASHER, #10 INT	1