

DRAMM

Water Cart WC20 / WC50



DRAMM

Integrated Plant Health

800.258.0848

information@dramm.com

www.dramm.com

Machine operations

The water Cart is quite simple.

To Charge:

1. Place switch in “charge” position.
 2. Plug charger in special plug on water Cart Pump/Power box.
 3. Plug Charger into 110V wall outlet.
 4. when indicator light is green, battery is fully charged.
- NOTE: Water cart cannot be operating while charger is attached.

To Operate:

1. Fill unit with desired amount of water.
2. Place switch in “Run” position. (Pump will run momentarily)
3. Place Watering Wand tip in fill opening on top of tank.
4. Squeeze valve on Watering Wand as if to water. Pump will run and push all air out of hose line.
5. Once air is out of hose line you are ready to begin watering.

NOTE: Each time the valve is released the pump will stop pumping. When valve is squeezed as if to water the pump will restart.

The pump stopping and restarting is controlled by a built in preset pressure switch.

Storage:

When watering task is completed, wind up hose.

Place switch in center position.

Put machine away or follow recharging instructions.

Make sure water cart is not stored in an area where temperatures go below freezing.

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Removing Pump Box from Handle



Remove Locking screw
- When closing box
Only hand tighten



Remove Pump Box Cover



Remove 4 box screws

To reassemble just repeat the
above in reverse order

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Removing hoses from pump



Pump and hoses assembled



Locate locking pin



Lift locking pin



Remove locking pin



Carefully remove hose & fitting from pump body



To reassemble, carefully re-insert fitting into pump body, insert pin and push down pin to lock in place.

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Wiring Layout



Run mode connects to lamp

Charging mode: Connects to switch

Run mode Connects to pump

Battery +

Black wires
Battery -



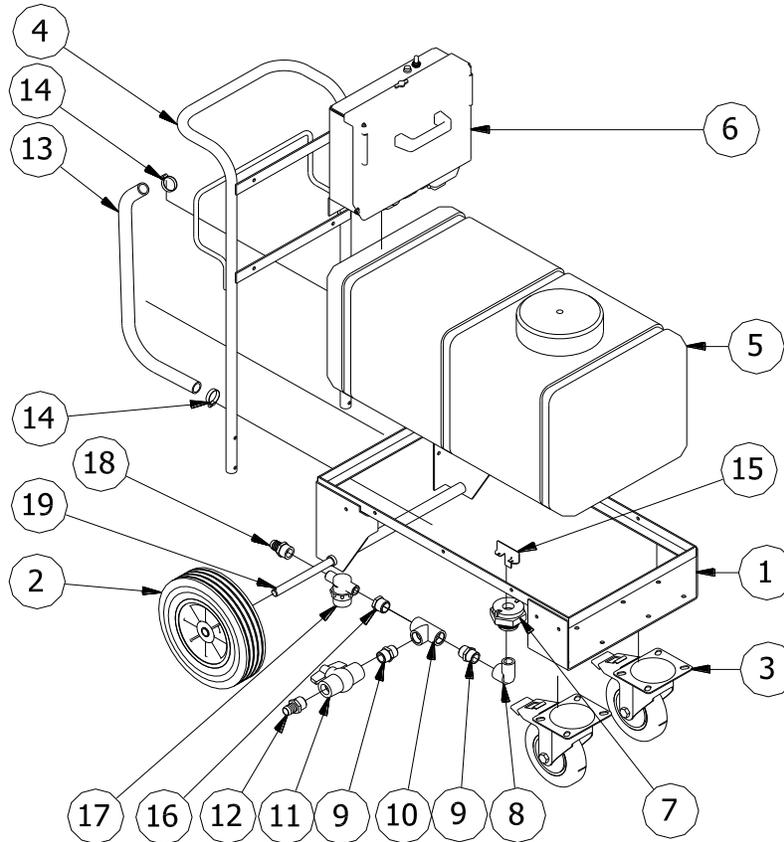
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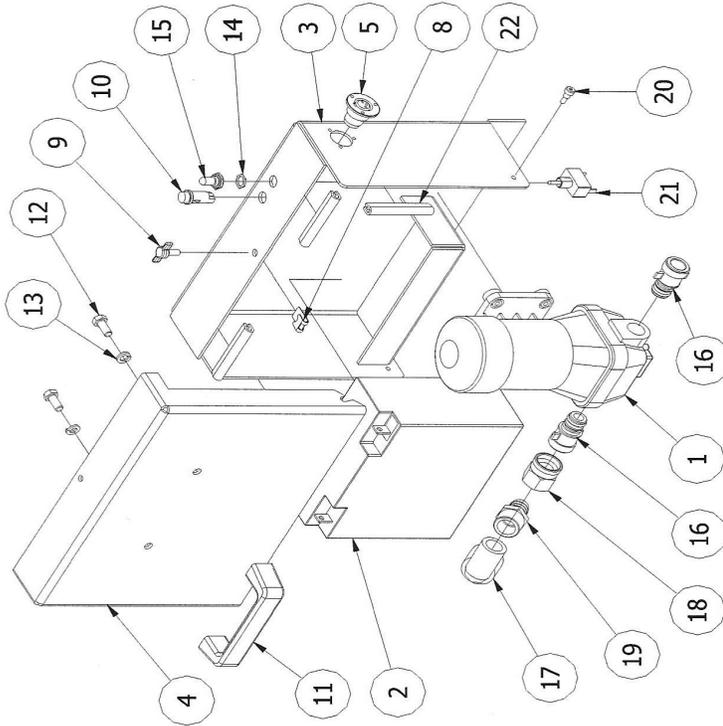
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1	D11093B	Cart 20 Gallon	1
2	500006	Wheel 2x10	2
3	500051	Caster Swivel 1x6	2
4	D11096	Handle Assembly	1
5	610020	Tank 20 Gallon	1
6	D11909	Control Box Assembly	1
7	10501	Bulkhead fitting 3/4 FPT	1
8	220108	Elbow 3/4 PT Street PVC	1
9	220004	Hex Nipple 3/4 NY	2
10	220606	Tee 3/4 FPT PVC	1
11	230026	Valve Ball 3/4 Dura PVC	1
12	220203	Barb 3/4x3/4 MPT NY	1
13	250020	3/4"x 27-1/2" Suction Hose	1
14	220402	Clamp Hose 5/16Wx1-1/4H	2
15	D11305	Anti-Vortex	1
16	220019	Bushing 1/2PT x 3/4PG ny	1
17	290004	Filter Inline Viton	1
18	220222	Barb 3/4 x 1/2 FPT NY	1
19	D11098C	Axle MSO 2011	1
	330100	Charger	1

Water Cart Control Box Assembly			
ITEM	PART NO.	DESCRIPTION	QTY
1	200042	PUMP FLOJET 12V	1
2	330000	BATTERY 12V 18A	1
3	D11907	WC20 BOX	1
4	D11908	WC20 COVER	1
5	C3F	RECEPTICLE FEMALE Q-G	1
8	114103	NUT-J 1/4-20	1
9	114053	THUMB SCREW 1/4-20 x 3/8	1
10	320032	PILOT LIGHT RED 12V	1
11	8300875	HANDLE	1
12	110021	HHCS 5/16-18 X 3/4 GR5 z	2
13	110321	WASHER LOCK 5/16	2
14	SWITCH NUT	NUT SUPPLIED WITH SWITCH	1
15	310102	BOOT SWITCH	1
16	220027	PORT ADPT 3/4MGGH - FLOWJET	2
17	220108	ELBOW 3/4PT STREET PVC	1
18	220025	ADPT FGH SWVLX3/4FPT BR	1
19	220203	BARB 3/4 x 3/4MPT NY	1
20	110500	SCREW SHLD #10-24 x 3/8	2
21	310005	SWITCH TOGGLE SPDT	1
22	100100	EDGING 3 inch each	4



D11909 Water Cart Control Box Assembly
4/25/2012

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