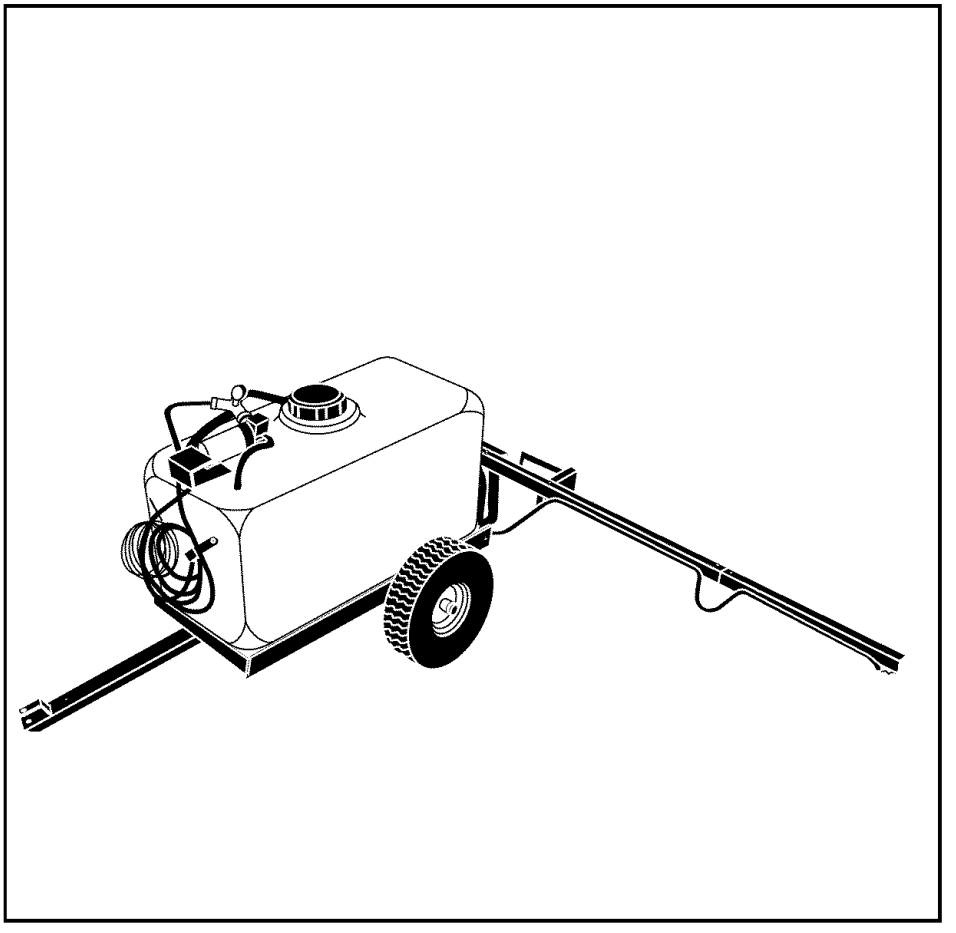
Agri-Fab®

OWNERS MANUAL

Model No. 45-0325



45 GALLON ATV SPRAYER

CAUTION:
Read Rules for Safe Operation and Instructions Carefully

- Assembly
- Operation
- Maintenance
- Repair Parts

PRINTED IN USA

FORM NO. 48598 (2/04)

RULES FOR SAFE OPERATION

Any power equipment can cause injury if operated improperly or if the user does not understand how to operate the equipment. Exercise caution at all times when operating equipment.

1. Read this owners manual carefully before attempting to assemble or operate this sprayer.
2. Read your vehicle owners manual for operating and safety rules before using this equipment.
3. Never allow children to operate this sprayer, and do not allow adults to operate without proper instructions.
4. Do not allow anyone to ride on or sit on this sprayer. Do not allow passengers on the towing vehicle.
5. Keep the area of operation clear of all persons, particularly small children. Also keep area clear of pets.
6. Read the chemical label carefully for instructions and caution notes on handling and mixing of chemicals.
7. Wear eye and hand protection and wear protective clothing when handling and applying lawn chemicals.
8. Do not spray on windy days.
9. Attachment of this sprayer may affect your vehicle's braking and stability. Be aware of your vehicle's capabilities. Refer to the safety rules in the vehicle owner's manual concerning safe operation on slopes. Be aware of changing conditions on slopes. **STAY OFF OF STEEP SLOPES.**
10. Operate at reduced speed on rough terrain, along ditches and on hillsides to prevent loss of control.
11. Follow maintenance and lubrication instructions as outlined in this manual.

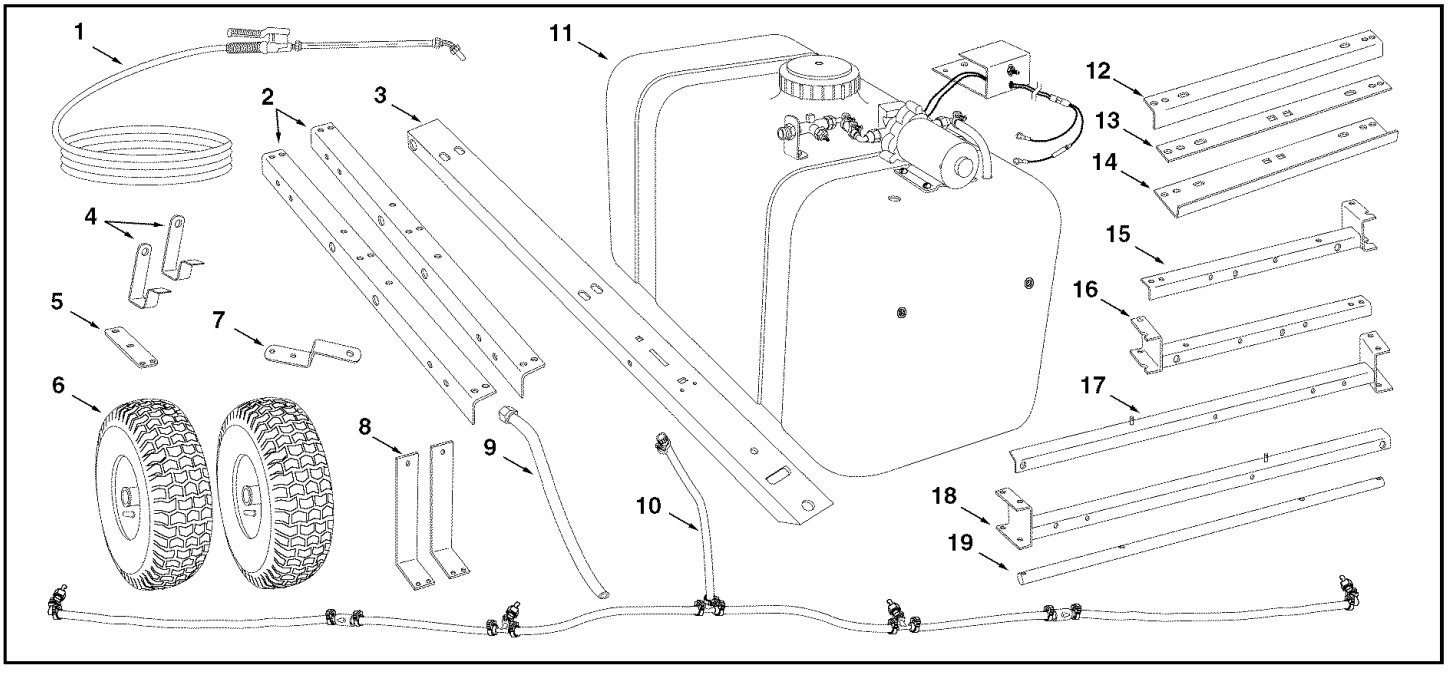
LOOK FOR THIS SYMBOL TO POINT OUT IMPORTANT SAFETY PRECAUTIONS. IT MEANS--ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED.

Your sprayer carton contains parts as shown in the diagram below. The hardware package contains parts as shown in the Full Size Hardware Chart on page 3. Identify all parts and lay out as shown.

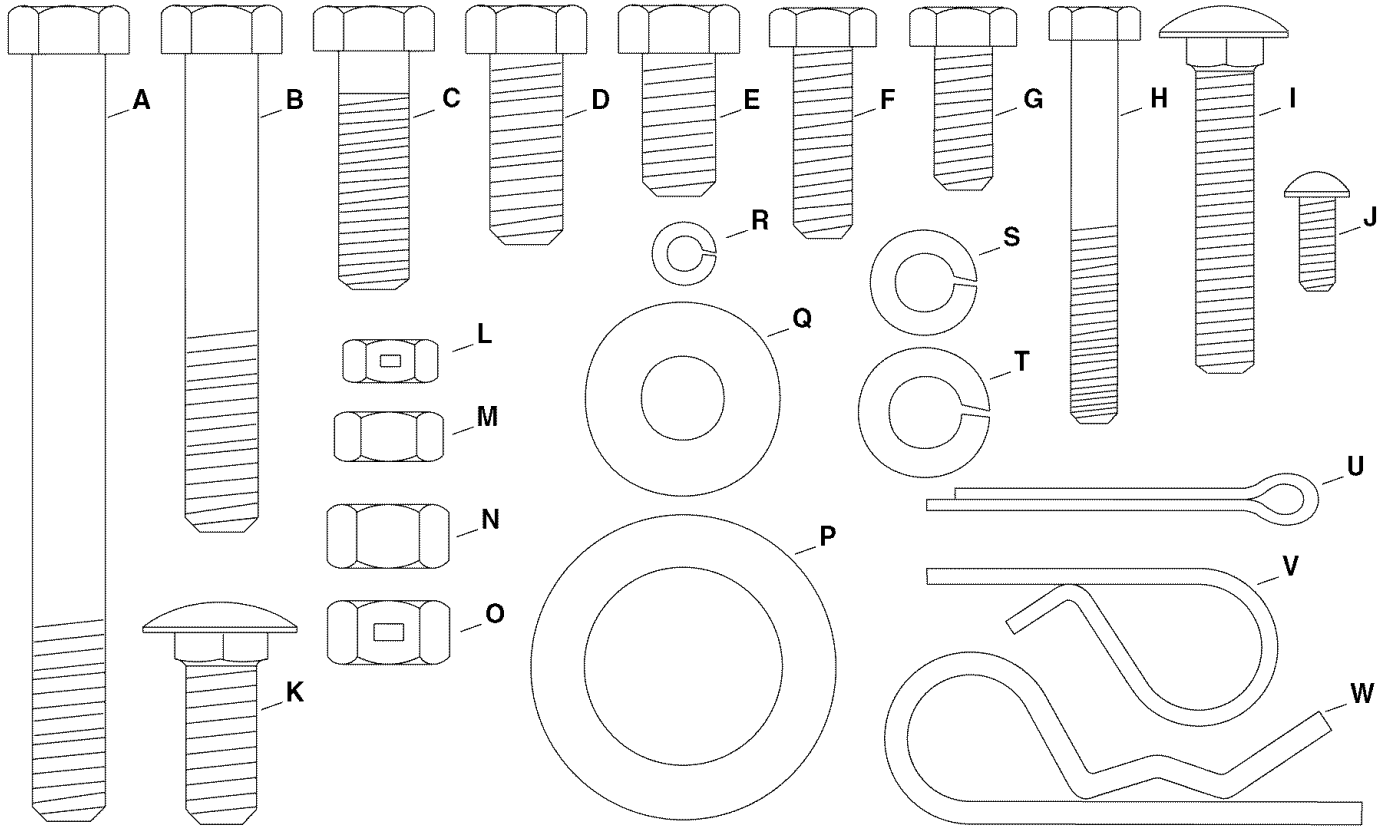
CARTON CONTENTS

LOOSE PARTS IN CARTON

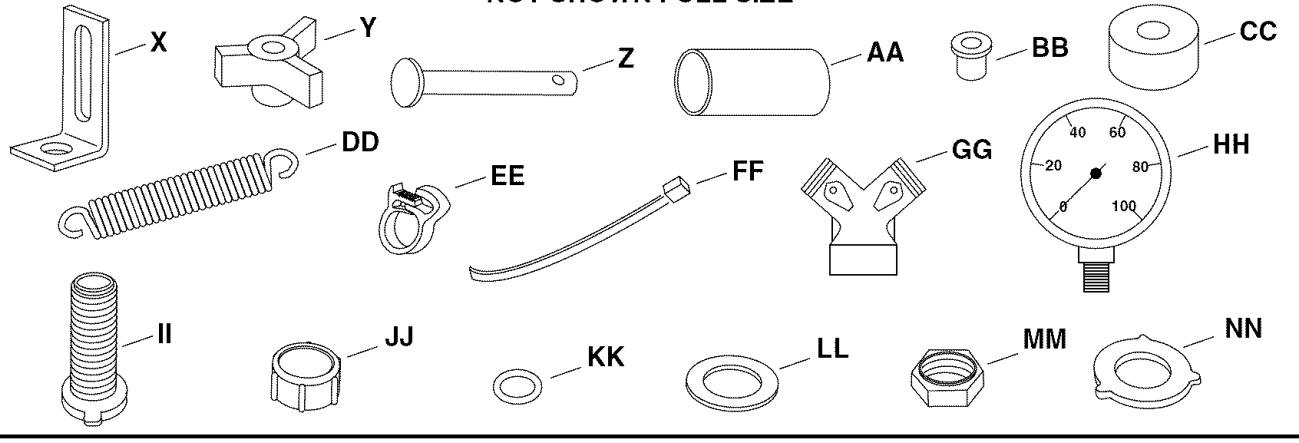
1. Spray Gun
2. Side Angles (2)
3. Tongue
4. Hose Hooks (2)
5. Transport Bracket
6. Wheels (2)
7. Hitch Bracket
8. Boom Mount Brackets (2)
9. Return (Bypass) Hose
10. Boom Hose Assembly
11. Tank
12. Rear Frame Angle
13. Frame Strap
14. Front Frame Angle
15. Boom Mount Assembly, L.H.
16. Boom Mount Assembly, R.H.
17. Boom Arm Assembly, R.H.
18. Boom Arm Assembly, L.H.
19. Axle



FULL SIZE HARDWARE CHART



NOT SHOWN FULL SIZE



KEY	QTY.	DESCRIPTION	KEY	QTY.	DESCRIPTION	KEY	QTY.	DESCRIPTION
A	2	Hex Bolt, 3/8" x 4"	N	15	Hex Nut, 3/8"	AA	2	Wheel Spacer
B	2	Hex Bolt, 3/8" x 2-1/2"	O	2	Hex Lock Nut, 3/8"	BB	2	Flanged Spacer
C	8	Hex Bolt, 3/8" x 1-1/4"	P	4	Flat Washer, 1"	CC	6	1/2" Spacer,
D	1	Hex Bolt, 3/8" x 1"	Q	12	Flat Washer, 3/8"	DD	2	Spring
E	2	Hex Bolt, 3/8" x 3/4"	R	2	Lock Washer, 3/16"	EE	1	Hose Clamp, 1/4"
F	6	Hex Bolt, 5/16" x 1"	S	16	Lock Washer, 5/16"	FF	8	Nylon Tie
G	10	Hex Bolt, 5/16" x 3/4"	T	17	Lock Washer, 3/8"	GG	1	"Y" Valve Fitting
H	2	Hex Bolt, 1/4" x 2"	U	2	Cotter Pin, 1/8" x 1-1/2"	HH	1	Pressure Gauge
I	1	Carriage Bolt, 5/16" x 1-3/4"	V	2	Hair Cotter Pin, 3/32"	II	1	Drain Body
J	2	Screw, #10-24 x 1/2"	W	1	Hair Cotter Pin, 1/8"	JJ	1	Nylon Cap
K	4	Carriage Bolt, 3/8" x 1"	X	1	Mounting Clamp	KK	1	O-Ring
L	2	Hex Lock Nut, 1/4"	Y	1	Plastic Knob	LL	1	Nylon Washer
M	16	Hex Nut, 5/16"	Z	1	Hitch Pin	MM	1	Nylon Nut
						NN	3	Hose Gasket

ASSEMBLY INSTRUCTIONS

TOOLS REQUIRED FOR ASSEMBLY

(2) 7/16" Wrenches
(2) 1/2" Wrenches
(2) 9/16" Wrenches
(1) Adjustable Wrench
(1) Screwdriver
(1) Pliers
(1) Grease Gun

1. Remove all items from the carton and lay them out as shown on pages 2 and 3.

2. Assemble the frame strap and the front frame angle to the bottom of the two side angles as shown in figure 1. Use eight 5/16" x 3/4" hex bolts, 5/16" lock washers and 5/16" hex nuts. **Do not tighten yet.**

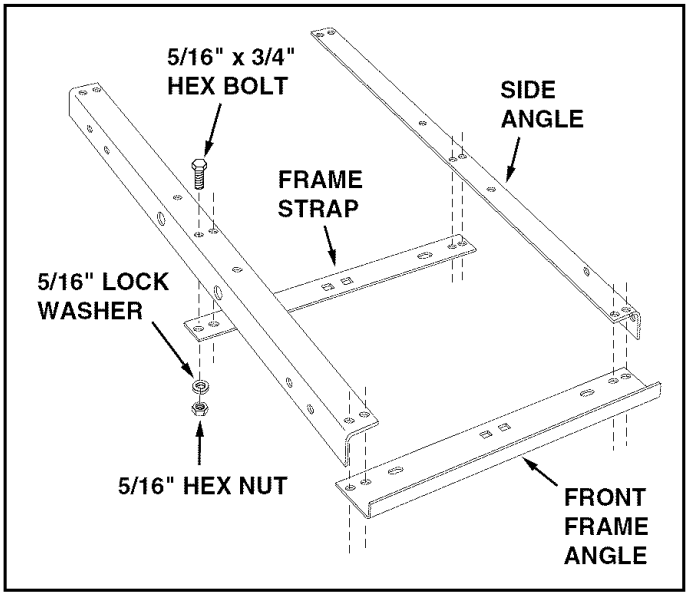


FIGURE 1

3. Assemble the rear frame angle to the bottom and the two boom mount brackets to the top of the side angles as shown in figure 2. Use four 5/16" x 1" hex bolts, 5/16" lock washers and 5/16" hex nuts. **Do not tighten yet.**

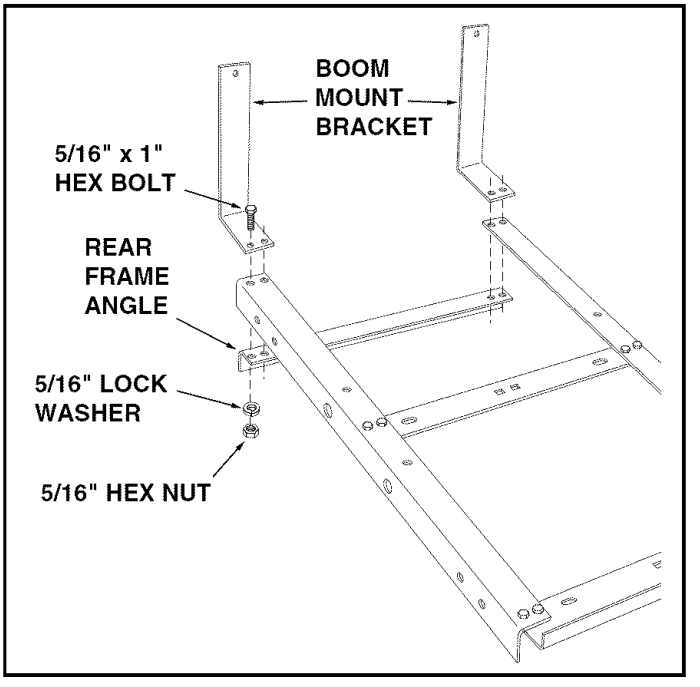


FIGURE 2

4. Assemble the tongue to the bottom of the front frame angle and the frame strap using four 3/8" x 1" carriage bolts, 3/8" lock washers and 3/8" hex nuts as shown in figure 3. **Do not tighten yet.**

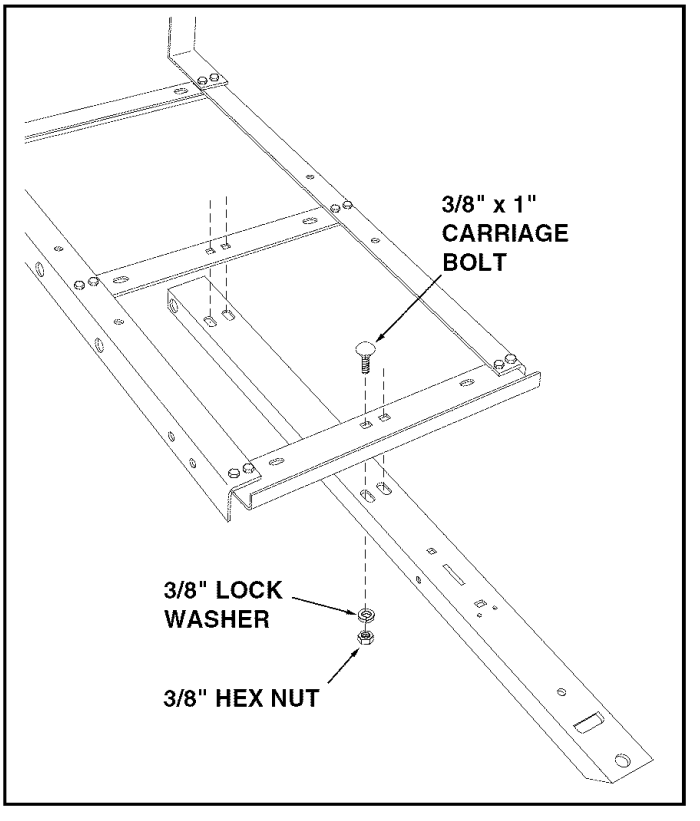


FIGURE 3

5. Assemble the axle through the side angles and the tongue. Fasten the axle to the side angles using two 1/4" x 2" hex bolts and two 1/4" hex lock nuts. **Do not tighten yet.** See figure 4.

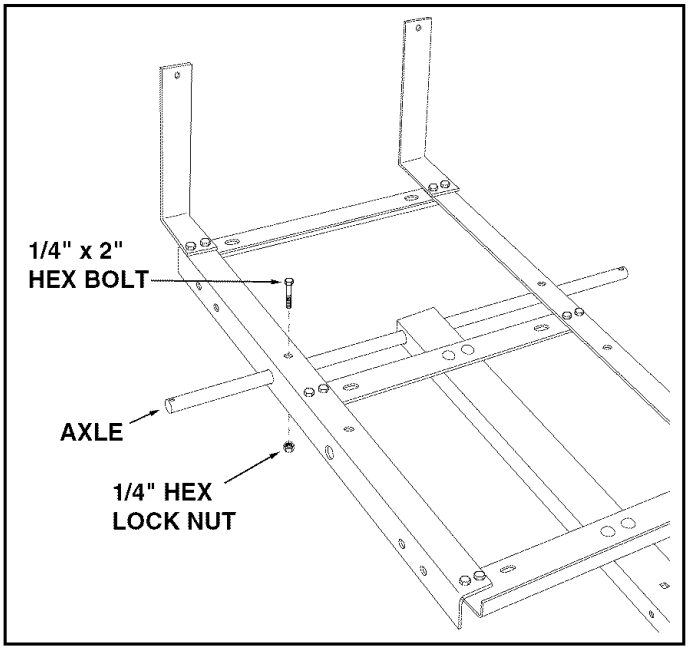


FIGURE 4

6. Assemble a wheel spacer, a 1" flat washer, a wheel (valve stem facing out) and another 1" flat washer onto the axle as shown in figure 5. Place a 1/8" x 1-1/2" cotter pin through the hole at the end of the axle, spreading the ends of the pin to secure it. Repeat on other end of axle.
7. Fill wheel hubs with general purpose grease using a grease gun.

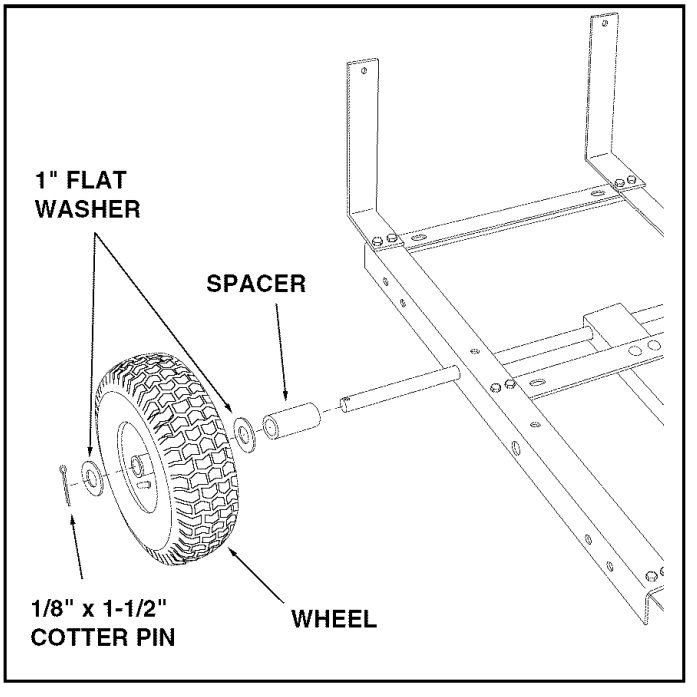


FIGURE 5

8. Assemble the hitch bracket down through the slot in the tongue and fasten it to the tongue using a 3/8" x 1" hex bolt, a 3/8" lock washer and a 3/8" hex nut. **Tighten.** See figure 6.
9. Assemble the hitch pin and 1/8" hairpin cotter to the hitch bracket and tongue. See figure 6.

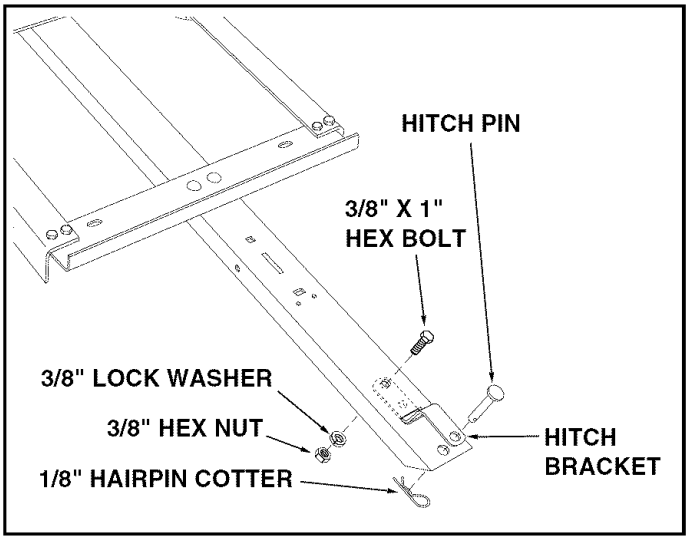


FIGURE 6

10. Install the drain in the tank as shown in figure 7. Place a 3/4" garden hose gasket onto the drain body and insert the drain body through the bottom of the tank from the inside. Beneath the tank, assemble the nylon washer and then the nylon nut onto the drain body. Tighten the nut securely enough to prevent leaking, being careful not to damage the plastic parts. Place the O-ring inside the nylon cap and screw the cap onto the end of the drain body.

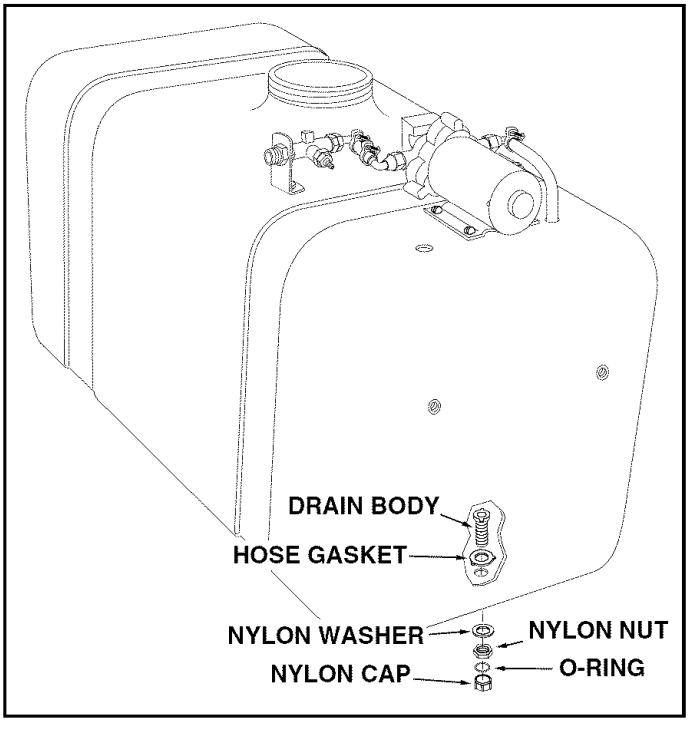


FIGURE 7

IMPORTANT: Do not overtighten bolts fastening to tank. Tighten until lock washers are snug and flattened.

11. Attach the tank to the frame using six 1/2" spacers with six 3/8" x 1-1/4" hex bolts, 3/8" lock washers and 3/8" flat washers. Place the spacers between the tank and the frame. **Tighten** the six bolts until the lock washers are flattened. See figure 8.
12. Assemble the hose hooks to the front of the tank using two #10-24 x 1/2" screws, two 3/16" lock washers and two flanged spacers. **Tighten** the screws until the lock washers are flattened. See figure 8.

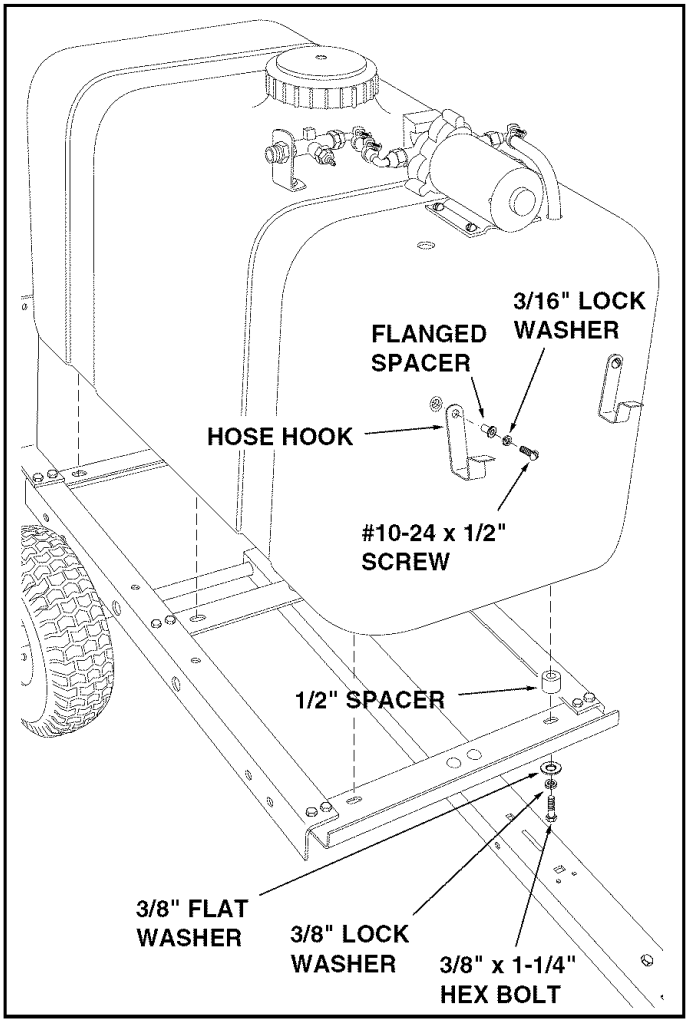


FIGURE 8

13. **Tighten** securely the 12 bolts and nuts fastening the frame strap and the front and rear angles to the side angles. (Figures 1 and 2)
    Tighten only until snug the 2 bolts and nuts fastening the axle to the frame. (Figure 4)
    Tighten securely the 4 nuts fastening the tongue to the frame. (Figure 3)
14. Assemble the (RH) and (LH) boom mount assemblies to the boom mount brackets using two 5/16" x 3/4" hex bolts, 5/16" lock washers and 5/16" hex nuts. Fasten through the slotted hole in each boom mount assembly. **Do not tighten** yet. See figure 9.
15. Align the holes in the boom transport bracket with the holes in the ends of the boom mount assemblies as shown in figure 9. Fasten them together using two 5/16" x 1" hex bolts, 5/16" lock washers and 5/16" hex nuts. **Tighten** the bolts assembled in this step and in step 14.

NOTE: If the holes in the boom mount assemblies won't line up, temporarily loosen the bolts which fasten the boom mount brackets to the frame.

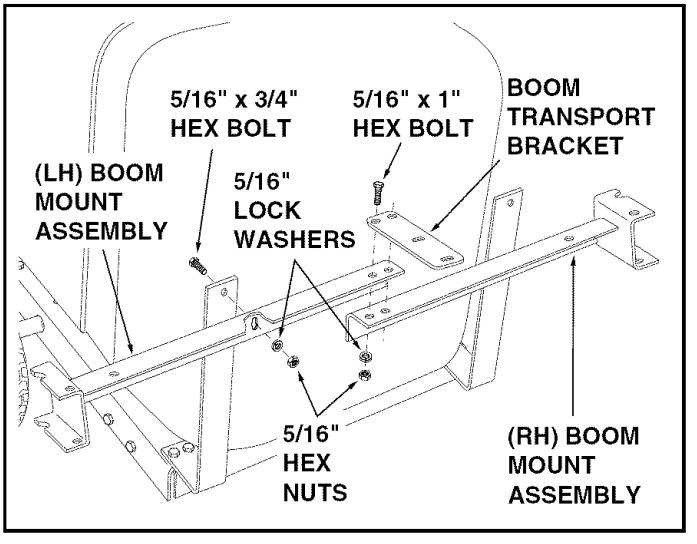


FIGURE 9 **VIEWED FROM REAR**

16. Assemble a 3/8" x 3/4" hex bolt, 3/8" lock washer and 3/8" hex nut to the hole shown in the bottom of the welded bracket on the (RH) boom arm assembly. **Tighten.** See figure 10.
17. Assemble a spring and a 3/8" hex nut onto a 3/8" x 1-1/4" hex bolt. Fasten the bolt to the hole shown in the top of the welded bracket using a 3/8" lock washer and 3/8" hex nut. **Tighten**, leaving the spring free to rotate. See figure 10.
18. Repeat steps 16 and 17 for the (LH) boom arm assembly.

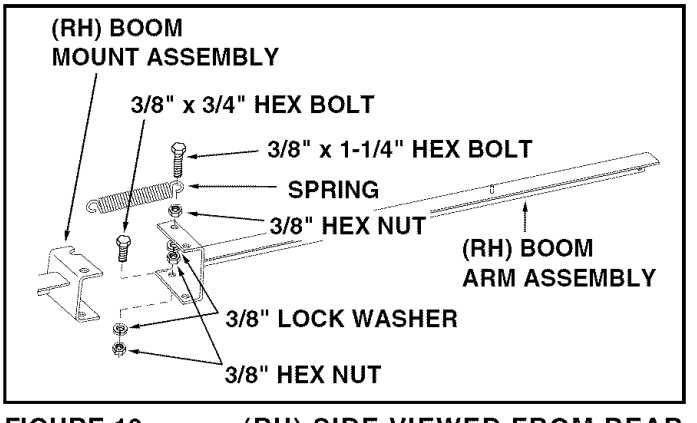


FIGURE 10 **(RH) SIDE VIEWED FROM REAR**

19. Attach the (RH) boom arm assembly to the (RH) boom mount assembly as shown in figure 11, using a 3/8" x 4" hex bolt, three 3/8" flat washers, and one 3/8" hex lock nut. Do not overtighten.
20. Place a 3/8" x 2-1/2" hex bolt through the loose end of the spring and then assemble a 3/8" hex nut onto the bolt. Fasten the hex bolt to the boom mount assembly using a 3/8" lock washer and 3/8" hex nut. **Tighten** the nuts, exposing one or two threads on the end of the bolt. See figure 11.
21. Repeat steps 19 and 20 for the (LH) boom arm assembly.

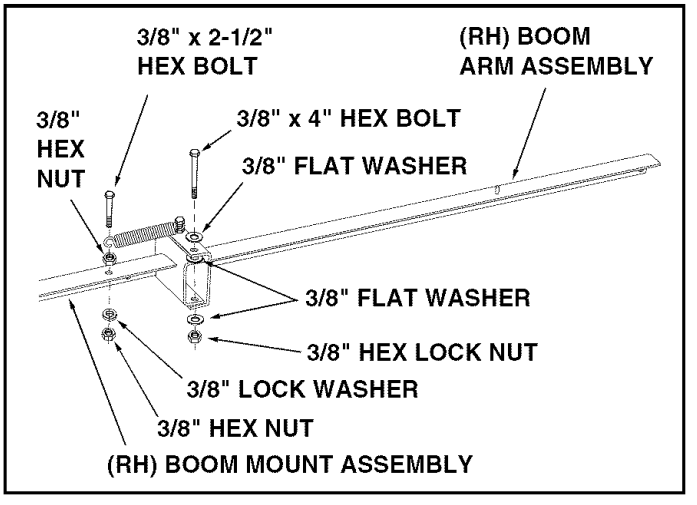


FIGURE 11 (RH) SIDE VIEWED FROM REAR

22. Attach the hose assembly to the **front** of the boom, with the nozzles pointing to the rear. Remove the nozzle nut, nozzle, strainer screen and elbow nut, from the elbow fittings and place the elbow through the hole at the end of the boom arm. Secure it using the plastic elbow nut. Insert the strainer screen and then assemble the spray nozzle and the nozzle nut, keeping the nozzle opening facing down while tightening. See figure 12.
23. Attach the hose assembly tee fittings to the boom using the same procedure as was used for the elbows. See figure 12.

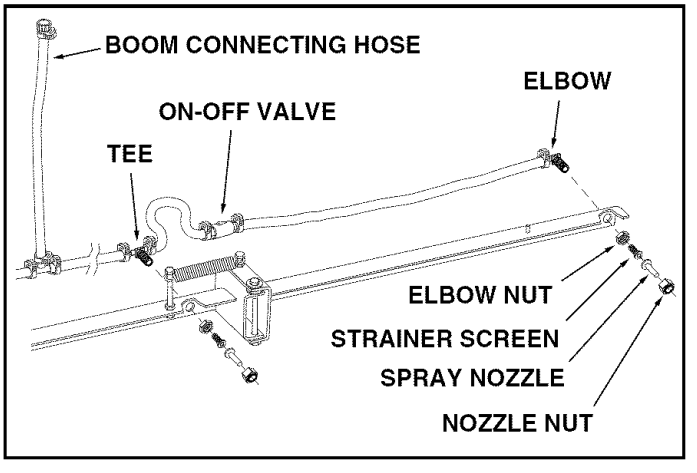


FIGURE 12 (RH) SIDE VIEWED FROM REAR

24. Tie the hoses to the **front** of the boom using four nylon ties per side as shown in the **front view** in figure 13. After tightening, cut excess length off ends of ties .
25. Insert a 3/32" hair cotter pin into the welded pin at each end of the boom. These pins will be used to lock the boom arm to the transport bracket when the arm is in the folded position. See figure 13.

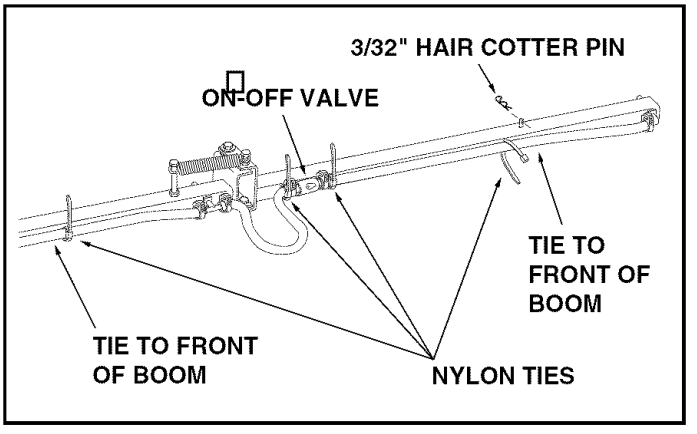


FIGURE 13 VIEWED FROM FRONT

NOTE: To help prevent leaking, use thread tape when assembling the "Y" valve fitting and the pressure gauge in the following paragraphs.

26. Carefully screw the "Y" valve fitting onto the fitting attached to the tee support bracket. The valve levers should face up. See figure 14.
27. Carefully screw the pressure gauge into the top of the tee fitting as shown in figure 14.
28. Place the 1/4" hose clamp over the end of the spray gun hose. Push the hose onto the hose barb on the front of the tee fitting. Secure the hose to the barb with the hose clamp. See figure 14.

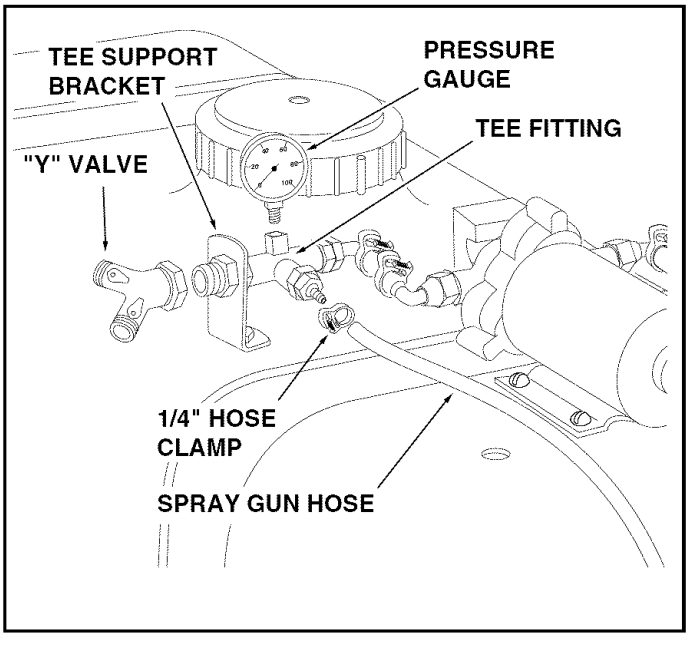


FIGURE 14

29. Connect the boom connecting hose and the return (bypass) hose to the "Y" valve fitting, placing a hose gasket in the swivel nut on each hose. Insert the return hose into the top of tank. See figure 15.

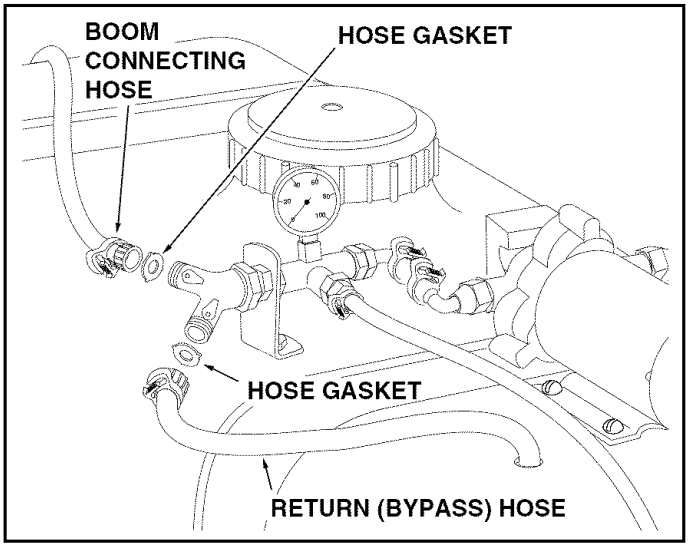


FIGURE 15

30. Attach the sprayer to the vehicle hitch and then attach the switch bracket to the rear rack of the vehicle. Use the plastic knob, mounting clamp and 5/16" x 1-3/4" carriage bolt. See figure 16.

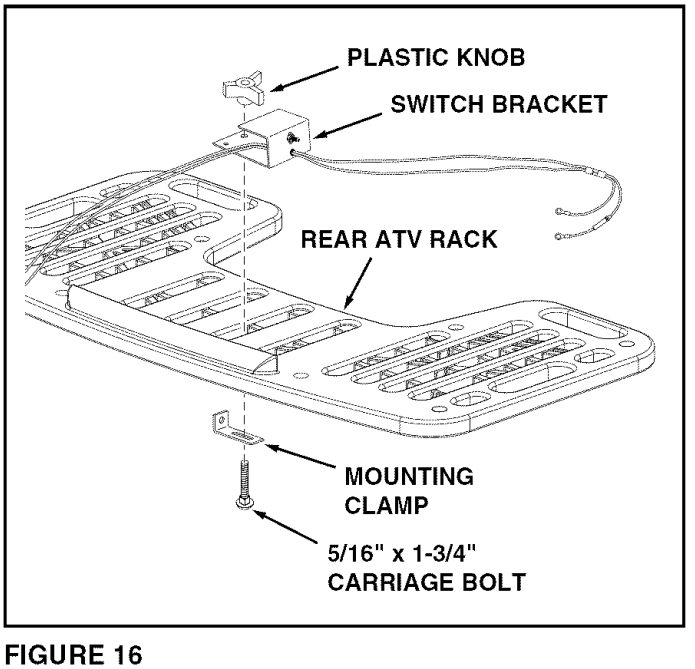


FIGURE 16

IMPORTANT: Connect sprayer to 12 volt batteries only!

31. Hook up the wiring to the vehicle battery. Connect the red wire on the fused wire harness to the positive post on the battery or the "HOT" connection on a vehicle switch or the ammeter. The brown wire may be grounded or connected to the negative battery post. See figures 17 and 18.

IMPORTANT: Keep wiring away from hot engine parts, rotating parts and pinch points.

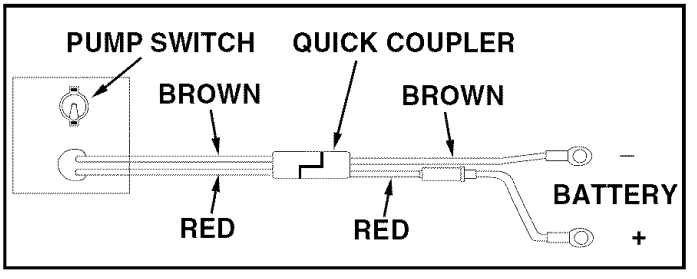


FIGURE 17

CAUTION: Never allow negative pin on plug to come in contact with positive "hot" post on battery. Fire or explosion may result!

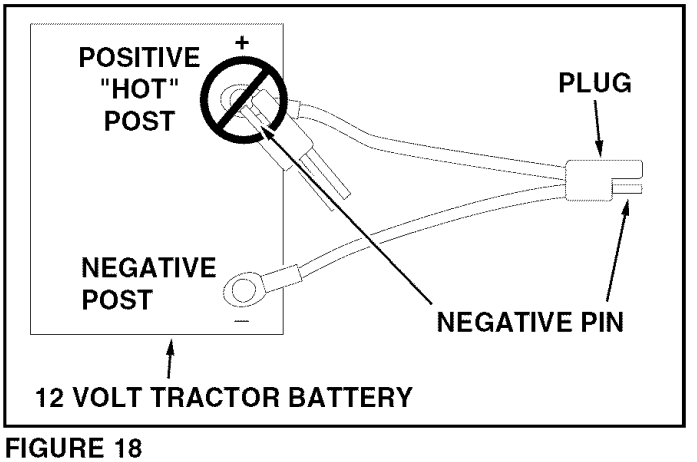


FIGURE 18

OPERATION

BEFORE STARTING

It is important to test the boom and spray gun with plain water first to check the sprayer for leaks and to set the spray pattern and nozzle pressure. If a leak should occur, thread tape may be used to better seal the fitting.

PUMP PRESSURE SWITCH

The pump is equipped with a pressure switch. The pressure switch senses outlet pressure of the pump and will turn off the electrical power to the pump at a predetermined high pressure point (45 PSI). If the flow demand is very low, the pump may reach this high pressure point and the switch will cause "cycling" (the pump cycles on and off rapidly). This is not a problem unless the pump continuously cycles within one second intervals for long periods of time.

ADJUSTING OPERATING PRESSURE

The sprayer is equipped with a "Y" fitting containing two valves. The bypass valve controls the flow to the return (bypass) hose. The amount of flow through the return hose determines the operating pressure of the boom or the spray gun. Adjust the bypass valve while either the boom or the spray gun is in use to obtain the desired pressure, indicated by the pressure gauge. The tip chart on page 11 shows how different pressure settings affect boom application rates.

ON-OFF ADJUSTMENT OF BOOM NOZZLES

The boom valve on the "Y" fitting controls the flow to all the boom nozzles. It should be either completely open or completely closed. The two valves located on the boom will turn the flow on or off to each outside nozzle. Each valve should be set either completely open or completely closed.

ADJUSTING SPRAY GUN NOZZLE

Turn the nozzle on the spray gun to adjust the spray from a cone shaped fine mist to a straight stream. The spray gun operating pressure should be controlled using the bypass valve on the "Y" fitting. Maximum spray gun pressure can be attained when the boom is shut off.

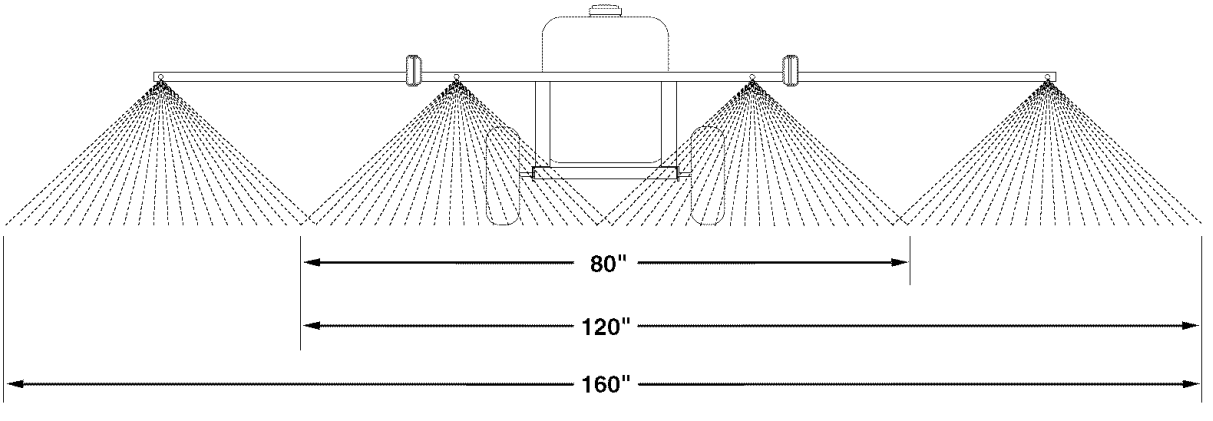
USING THE SPRAYER

CAUTION: Wear eye protection, gloves and protective clothing when handling and working with lawn chemicals.

1. Determine the application rate (gallons per 1,000 sq. feet or gallons per acre) based on the chemical manufacturers recommendations. Use this rate to help select the pressure setting and tractor speed in the following instructions.

2. Determine the approximate square footage of the area to be sprayed and estimate the number of gallons required. Do not fill tank with more solution than needed.

3. Decide how wide a swath you wish to spray with each pass. Use just the two inside nozzles, or the two inside nozzles plus one outside nozzle, or use all four nozzles. The number of square feet covered with each pass will vary depending on the number of nozzles used, but the amount of solution applied per square foot will not vary as long as the same system pressure and speed of travel are used. Refer to figure 19.



WIDTH OF SPRAY PATTERN USING 2, 3 OR 4 NOZZLES

FIGURE 19

4. Set the desired boom pressure, spraying with plain water while making pressure adjustments. For best results stay in the 20 to 30 PSI range. (At 10 PSI the spray pattern begins to break up, and at 40 PSI some drift develops.) Refer to the tip chart on page 11.
5. Determine the appropriate speed at which to travel, based on the chosen pressure setting and the recommended application rate. Use the tip chart on page 11.

6. To determine the throttle setting for attaining the appropriate speed, mark off 100, 200 and 300 feet intervals. The speed chart at the bottom of page 11 indicates the number of seconds it takes to travel these distances. Set the throttle and, with a running start, travel the distances in the number of seconds indicated by the speed chart. Once you have determined the throttle and gear settings needed, mark the throttle location so that you can easily resume the same speed after stopping.

7. Add the chemical solution to the tank and drive to the starting place for spraying.

8. Set the throttle at the position determined in step 6 to attain the proper ground speed. Reach back and flip the pump/motor switch to the "ON" position to start the solution spraying from the nozzles.

9. When not being used, the outer boom arm assemblies may be folded in and attached to the boom transport bracket at the center of the boom.

10. Stay clear of flowers, shrubs and evergreen trees when spraying weed control solutions to prevent contact of the solution with these sensitive plants.

MAINTENANCE

1. Do not store sprayer with any solution left in tank.

2. Periodically clean the strainer in the end of the intake hose at the bottom of the tank. Remove the nylon swivel nut from the hose, pull out the screen and flush it with clear water.

AFTER EACH USE

3. After use, fill the sprayer part way with water, start the sprayer and allow clear water to be pumped through the plumbing system and out through the boom assembly and the handgun. Use the handgun to thoroughly wash all internal parts of the tank, the outside of the tank and the boom.

4. Refill the tank about half full with plain water and a chemical neutralizer and repeat the cleaning instructions above. Flush the entire sprayer with the neutralizing agent. Follow the chemical manufacturers instructions for disposal of all wash or rinsing water.

ATTENTION!

Do not allow chemicals to sit in pump for extended times of idleness. Some chemicals will damage the pump valve if allowed to soak untreated for a length of time. Always flush the pump with water after each use. Follow the procedures in the AFTER EACH USE instructions for flushing and disposal.

WINTER STORAGE

5. Drain all water out of the sprayer, paying special attention to the pump and handgun. These items are especially prone to damage from chemicals and freezing weather.

6. The sprayer should be winterized before storage by pumping a 50-50 solution of water and R. V. antifreeze through the entire plumbing. Proper care and maintenance will prolong the life of the sprayer.

U.S. GALLON TIP CHART

Tip No.	Spray Width Inches	Pressure PSI	Tip Capacity US Gallons Per Minute	GALLONS PER ACRE (BASED ON WATER) *Not affected by spray width*						
				1 MPH	2 MPH	3 MPH	4 MPH	5 MPH	7.5 MPH	10 MPH
#3	80"-160"	10	.30	44.2	22.1	14.8	11.1	8.9	5.9	4.4
		20	.42	63	31.5	20.9	15.7	12.6	8.4	6.3
		30	.52	76.8	38.4	25.8	19.3	15.4	10.3	7.7
Tip No.	Spray Width Inches	Pressure PSI	Tip Capacity US Gallons Per Minute	GALLONS PER 1000 SQ. FT. (BASED ON WATER) *Not affected by spray width*						
				1 MPH	2 MPH	3 MPH	4 MPH	5 MPH	7.5 MPH	10 MPH
#3	80"-160"	10	.30	1.0	0.50	0.34	0.26	0.20	0.14	0.10
		20	.42	1.4	0.72	0.48	0.35	0.29	0.19	0.14
		30	.52	1.8	0.88	0.59	0.44	0.35	0.24	0.18

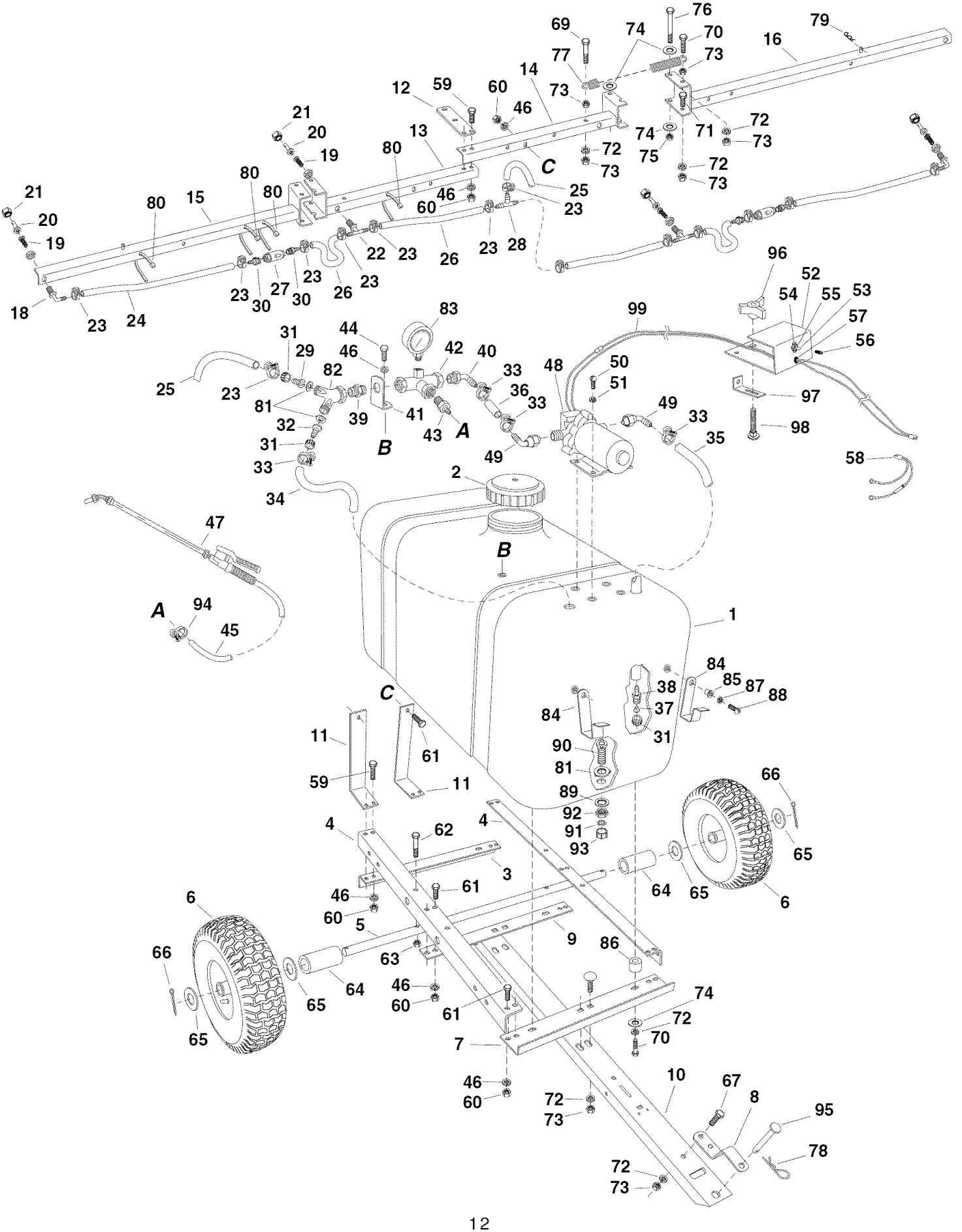
IMPERIAL GALLON (LITER) TIP CHART

Jet Size	Spray Width Inches (mm)	Pressure PSI (Bar)	Tip Capacity Imperial Gallons per minute (liters per minute)	IMPERIAL GALLONS (Liters) PER ACRE (BASED ON WATER) *Not affected by spray width*						
				1 MPH 1.6 K/H	2 MPH 3.2 K/H	3 MPH 4.8 K/H	4 MPH 6.4 K/H	5 MPH 8 K/H	7.5 MPH 12 K/H	10 MPH 16 K/H
#3	80"-160" (2032 mm) (4064 mm)	10 (0.7)	.25 (1.135)	36.8 (167.3)	18.4 (83.6)	12.3 (56.0)	9.2 (42.0)	7.4 (33.7)	4.9 (22.3)	3.7 (16.7)
		20 (1.4)	.35 (1.59)	52.5 (238.5)	26.2 (119.2)	17.4 (79.1)	13.1 (59.4)	10.5 (47.7)	7.0 (31.8)	5.2 (23.8)
		30 (2.1)	.433 (1.97)	64.0 (290.7)	32.0 (145.3)	21.5 (97.7)	16.1 (73.1)	12.8 (58.3)	8.6 (39.0)	6.4 (29.1)
Jet Size	Spray Width Inches (mm)	Pressure PSI (Bar)	Tip Capacity Imperial Gallons per minute (liters per minute)	IMPERIAL GALLONS (Liters) PER 1000 SQ. FT. (BASED ON WATER) *Not affected by spray width*						
				1 MPH 1.6 K/H	2 MPH 3.2 K/H	3 MPH 4.8 K/H	4 MPH 6.4 K/H	5 MPH 8 K/H	7.5 MPH 12 K/H	10 MPH 16 K/H
#3	80"-160" (2032 mm) (4064 mm)	10 (0.7)	.25 (1.135)	0.85 (3.85)	0.42 (1.92)	0.28 (1.29)	0.21 (0.97)	0.17 (0.77)	0.11 (0.51)	0.08 (0.38)
		20 (1.4)	.35 (1.59)	1.21 (5.48)	0.60 (2.74)	0.40 (1.82)	0.30 (1.37)	0.24 (1.10)	0.16 (0.73)	0.12 (0.55)
		30 (2.1)	.433 (1.97)	1.47 (6.68)	0.74 (3.34)	0.49 (2.24)	0.37 (1.68)	0.29 (1.34)	0.20 (0.90)	0.15 (0.67)

GROUND SPEED CHART

M.P.H. (K/H)		Time Required in Seconds to Travel a Distance of:		
		100 ft (30.5 M)	200 ft (61 M)	300 ft (91.5 M)
1.0	(1.6)	68	136	205
2.0	(3.2)	34	68	102
3.0	(4.8)	23	45	68
4.0	(6.4)	17	34	51
5.0	(8.0)	14	27	41
6.0	(9.7)	11	23	34
7.0	(11.3)	9.7	19	29
8.0	(12.9)	8.5	17	26
9.0	(14.5)	7.6	15	23
10.0	(16.1)	6.8	14	20

REPAIR PARTS FOR 45 GALLON SPRAYER MODEL 45-0325



REPAIR PARTS FOR 45 GALLON SPRAYER MODEL 45-0325

REF. NO.	PART NO.	QTY.	DESCRIPTION	REF. NO.	PART NO.	QTY.	DESCRIPTION
1	47419	1	Tank (45 Gallon)	51	43910	4	Washer, Flat #10 SAE
2	46700	1	Lid	52	23889	1	Bracket, Switch Mounting
3	24506	1	Angle, Frame (Rear)	53	45084	1	Switch, On-Off
4	24507	2	Angle, Frame (Side)	54	45080	1	Plate, On-Off Switch
5	24508	1	Axle	55	45048	1	Nut, Hex 15/32-32 Thread
6	47049	2	Wheel	56	45082	1	Boot, Rubber Switch
7	24952	1	Angle, Frame (Front)	57	45087	1	Bushing, Strain Relief
8	23014	1	Hitch Bracket	58	45018	1	Connector with Wire
9	24931	1	Strap, Frame	59	43063	6	Bolt, 5/16-18 x 1" Lg.
10	25210	1	Tongue	60	43083	16	Nut, Hex 5/16-18 Thread
11	24509	2	Bracket, Boom Mount	61	43182	10	Bolt, Hex 5/16-18 x 3/4" Lg.
12	24517	1	Bracket, Boom Transport	62	46699	2	Bolt, Hex 1/4-20 x 2" Lg.
13	63834	1	Assembly, Boom Mount (R.H.)	63	43013	2	Nut, Hex Lock 1/4-20 Thread
14	63797	1	Assembly, Boom Mount (L.H.)	64	46088	2	Spacer, Wheel
15	63798	1	Assembly, Boom Arm (R.H.)	65	43601	4	Washer, 1.59" x 1.032" x .06"
16	63799	1	Assembly, Boom Arm (L.H.)	66	43093	2	Cotter Pin, 1/8" x 1-1/2"
17	63800	1	Assembly, Boom Hose (Not Shown)	67	43001	1	Bolt, Hex 3/8-16 x 1" Lg.
			Contains items 18 through 31	68	43350	4	Bolt, Carriage 3/8-16 x 1" Lg.
18	47396	2	Elbow with Nut	69	43432	2	Bolt, Hex 3/8-16 x 2-1/2" Lg.
19	45029	4	Strainer, Screen Type	70	43087	8	Bolt, Hex 3/8-16 x 1-1/4" Lg.
20	45028	4	Nozzle, Spray #3	71	43407	2	Bolt, Hex 3/8-16 x 3/4" Lg.
21	45037	4	Nut, Screen Body (Nozzle Nut)	72	43003	17	Lock washer, 3/8"
22	47420	2	Tee, Plastic 11/16" Thd. x 3/8" Barb with Nut	73	43015	15	Nut, Hex 3/8-16 Thread
				74	43070	12	Washer, Flat 3/8" Std. Wrt.
23	45026	14	Clamp, 3/8" Hose	75	43082	2	Nut, Hex Lock 3/8-16 Thread
24	47421	2	Hose, 3/8" ID x 28" Lg.	76	43036	2	Bolt, Hex 3/8-16 x 4" Lg.
25	47422	1	Hose, 3/8" ID x 35" Lg.	77	46959	2	Spring
26	47423	4	Hose, 3/8" ID x 19" Lg.	78	43343	1	Pin, Hair Cotter 1/8" #4
27	47416	2	Valve, Nylon 1/4"	79	43055	2	Pin, Hair Cotter 3/32" #3
28	47394	1	Tee, Plastic - 3/8" Hose Barbs	80	726-0178	8	Tie, Nylon
29	45034	1	Hose Barb, 3/8"	81	45072	3	Gasket, 3/4" Garden Hose
30	47412	4	Adapter, Nylon 1/4 NPT x 3/8" Barb	82	45017	1	Hose "Y" with Valves 3/4"
31	45032	3	Nut, Swivel 3/4" Garden Hose	83	45071	1	Gauge, 2" Pressure
32	45033	1	Hose Barb, 1/2"	84	23884	2	Hook, Hose
33	45025	4	Hose Clamp, 1/2"	85	45041	2	Spacer, Flanged 3/16" ID x 1/4" Lg.
34	45022	1	Hose, 1/2" ID x 14" Lg.	86	44911	6	Spacer, .39" ID x 1-1/4" OD x 1/2" Lg.
35	47424	1	Hose, 1/2" ID x 23" Lg.	87	736-0722	2	Lock washer, 3/16"
36	47425	1	Hose, 1/2" ID x 2-1/2" Lg.	88	45040	2	Screw, Rnd. Hd. #10-24 x 1/2" Lg.
37	45024	1	Strainer, Cap Type 1"	89	47398	1	Washer, Nylon
38	46276	1	Adapter, 3/4" GH x 1/2" Barb	90	47399	1	Drain Body
39	45031	1	Adapter, 1/2" NPT x 3/4" GH	91	47206	1	O-Ring 5/8" OD
40	47426	1	Elbow, Nylon 1/2" NPT x 1/2" Barb	92	47402	1	Nut, Nylon 11/16" Thread
41	24547	1	Bracket, Tee Support	93	47403	1	Cap, Nylon 11/16" Thread
42	45050	1	Tee, 1/2" x 1/2" x 1/2" x 1/4" Port	94	47405	1	Clamp, 1/4" Hose
43	47390	1	Adapter, 1/2" NPT x 1/4" Barb	95	47623	1	Hitch Pin
44	44692	1	Bolt, 5/16-18 x 1/2"	96	48914	1	Knob, Plastic
45	47393	1	Hose, 1/4" ID x 12'6" Lg.	97	23442	1	Clamp, Mounting
46	43086	17	Lock Washer, 5/16"	98	44215	1	Bolt, Carriage 5/16-18 x 1-3/4"
47	47406	1	Spray Gun	99	49075	1	Lead Wire, Red
48	47427	1	Pump and Motor		45085	1	Terminal, Male (Not Shown)
49	47475	2	Elbow, Swivel		45086	1	Terminal, Female (Not Shown)
50	45069	4	Screw, Pan Head #10-24 x 1" Lg		48598	1	Owners Manual

NOTES

NOTES

REPAIR PARTS
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