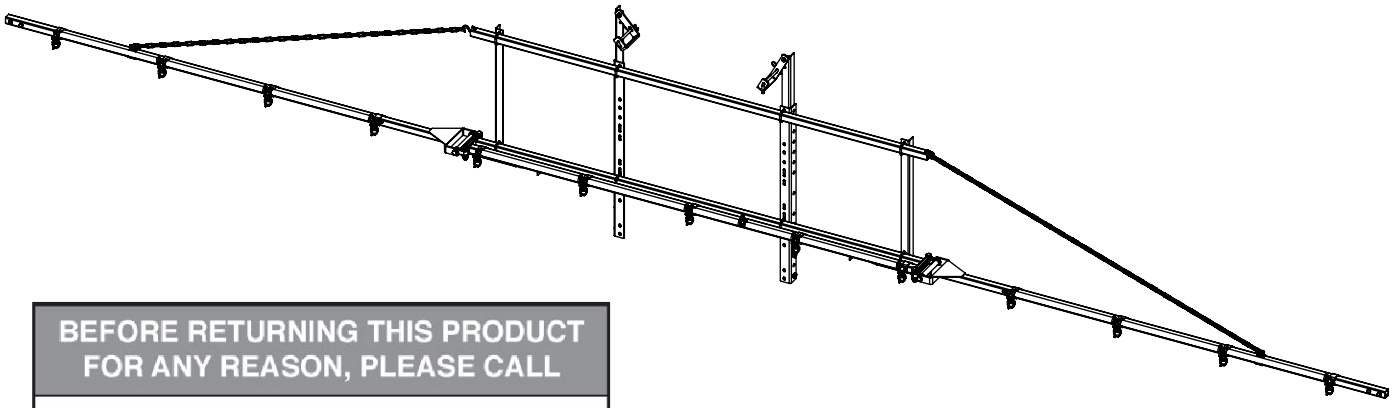
Owner's Manual

Boom Assemblies (with Carrier Support)

Model:
BA6D (5301957)
6-Row Boom Assembly
w/QJ Nozzles

Model:
BA8D (5301958)
8-Row Boom Assembly
w/QJ Nozzles



BEFORE RETURNING THIS PRODUCT FOR ANY REASON, PLEASE CALL

HOPKINSVILLE, KY: 800-637-7172
DOTHAN, AL: 800-227-4098
GREENWOOD, MS: 800-844-4524

IF YOU SHOULD HAVE A QUESTION OR EXPERIENCE A PROBLEM WITH YOUR AG SPRAY PRODUCT GIVE US A CALL.

BEFORE YOU CALL, PLEASE HAVE THE FOLLOWING INFORMATION AVAILABLE: SALES RECEIPT & MODEL NUMBER. IN MOST CASES, AN AG SPRAY EMPLOYEE CAN RESOLVE THE PROBLEM OVER THE PHONE.

General Information

Thank you for purchasing this Ag Spray product. The purpose of this manual is to assist you in operating and maintaining your boom assembly. Please read it carefully, as it furnishes information which will help you achieve years of trouble-free operation.

Warranty/Parts/Service

Products are warranted for one year from date of purchase against manufacturer or workmanship defects.

Commercial users have a 90 day warranty.

Your authorized dealer is the best source of replacement parts and service. To obtain prompt, efficient service, always remember to give the following information...

- Correct Part Description and/or part number.
- Model number/Serial number of your sprayer.

Part descriptions and part numbers can be obtained from the illustrated parts list section(s) of this manual.

Whenever you need parts or repair service, contact your distributor/dealer first. For warranty work, always take your original sales slip, or other evidence of purchase date, to your distributor/dealer.

Technical Specifications

- Model **BA6D** Boom Assembly (6 Row - 21 Ft. Wide)
- Model **BA8D** Boom Assembly (8 Row - 28 Ft. Wide)

- **All Models:**
- - Adjustable Spacing Nozzles
- - Height Adjustment
- - 4-Way Hinge for Boom Protection
- - Cross-Over Folding
- - Tips/Caps/Strainers are Standard
- - Fits all Various Carriers
- - Square Boom Tube Construction

AG SPRAY EQUIPMENT

www.agspray.com

1100 New Industry Lane
Hopkinsville, KY 42240
P: 800-637-7172
F: 270-885-7392

104 Eastman Street
Greenwood, MS 38930
P: 800-844-4524
F: 662-455-4442

1563 S. Oates Street
Dothan, AL 36301
P: 800-227-4098
F: 334-673-1974

Form No. 1916 [5008228 (11/09)] Printed in the U.S.A.

Assembly

1. Mount the upright angles to the inside of the mounts on the carrier, using the supplied bolts/nuts. Attach the backrack to the upright angles using the square u-bolts & nuts. NOTE: The backrack can be mounted in either a high or low position and the uprights can be adjusted for desired height. Attach the U-Brackets as shown in the exploded view drawing.

2. Loosen the eye-bolts and remove the 7" hinge bolt(s). Line up the outer booms and reassemble the hinge bolt through the outer boom yoke, the hinge casting, and the spring connector. Tighten the eye-bolt until the spring is at the desired tension. Lock the eye-bolt in place with the inner whiz flange locknut. The 8-Row booms use extensions on the outer booms. Bolt on the boom extensions using the bolts/nuts provided. (see exploded view drawing)

3. Hook an end of each boom chain on an "S" hook attached to the top bar tube. Place a slide clamp onto each outer boom. Place the other end of the boom chain between the ears of the slide clamp and secure with the bolt/nut per the exploded view. Level the outer booms by moving the slide clamps in or out as needed. Tighten the bolts in the slide clamps to hold the clamps in place.

4. Attach the appropriate hose assemblies onto each of the three boom sections. the center section has (5) nozzles with "L" connectors on each end. Starting at the center, the nozzles should be placed about 20 inches apart.

5. Join the designated feeder hose to each boom section and secure in place with hose clamps.

Tip Selection

Important note:
The tips supplied as standard with this boom assembly are number 8003VP tips. when you refer to the rate charts found in this owners manual, you will note that they have a GPA range of 15.4 to 22 GPA (Gallons Per Acre). This is tabulated at 5 MPH, and from 30 to 60 psi and 20 inch nozzle spacing. These rates are based on water. Please read this tip selection section carefully before attempting to operate your boom assembly

The selection of proper tips for the boom is determined by the gallon per acre (GPA) requirement which is specified on the chemical label. The following characteristics also have a determining factor and must be considered:

1. Speed of spraying (MPH)
2. Boom nozzle spacing (specified in inches)
3. Solution weight and conversion factor (CF)
4. Gallons of solution to be sprayed per acre
5. Spraying pressure

Useful Formulas:
GPM - Gallons Per Minute
GPA - Gallons Per Acre
MPH - Miles Per Hour

Speed Chart			
	Time Required in seconds to travel a distance of:		
Speed in M.P.H. (Miles per Hour)	100 Ft.	200 Ft.	300 Ft.
1.0	68 sec.	136 sec.	205 sec.
2.0	34	68	102
3.0	23	45	68
4.0	17	34	51
5.0	14	27	41
6.0	11	23	34
7.0	9.7	19	29
8.0	8.5	17	26
9.0	7.6	15	23
10.0	6.8	14	20

Calibration

Chemical labels may show application rates in gallons per acre, gallons per 1000 square feet, or gallons per 100 square feet. You will note that the tip chart shows all 3 of these rating systems.

Once you know how much you are going to spray, then determine (from the tip chart) the spraying pressure (PSI), and the spraying speed (MPH).

Determining the proper speed of the pulling vehicle can be done by marking off 100, 200, & 300 feet. The speed chart indicates the number of seconds it takes to travel the distances. Set the throttle and with a running start, travel the distances. Adjust the throttle until you travel the distances in the number of seconds indicated by the speed chart. Once you have reached the throttle setting needed, mark the throttle location so you can stop and go again, returning to the same speed.

Add water and proper amount of chemical to the tank and drive to the starting place for spraying.

Testing the Sprayer

NOTE:
It is VERY important for you to test your sprayer with plain water before actual spraying is attempted. This will enable you to check the sprayer for leaks, without the possibility of losing any expensive chemicals.

Add water to the tank & drive to the starting place for spraying. When you are ready to spray, turn the boom valve to the "on" position. This will start solution spraying from the tips of the boom. The pressure will decrease slightly when the boom is spraying. Adjust the pressure by turning the "ON/OFF" valve lever on the bypass line valve.

Read the operating instructions and Initially begin spraying by closing the 'bypass' valve (this is the center ON/OFF valve located at the center port of your manifold assembly) and opening the boom line valve (this is the 'other' valve on the manifold). This will enable the air in the line to be eliminated (purged) through all the tips, while building pressure. When everything tests all right (no leaks, & good pressure), add the desired chemicals to the mixture and water combination and start your spraying operation. Adjust the pressure and spray as you did in the testing procedure.

Conditions of weather and terrain must be considered when setting the sprayer. Do not spray on windy days. Protective clothing must be worn in some cases.

Be sure to read the chemical label(s) correctly!

Suggested Minimum Spray Heights

Nozzle Type	Nozzle Height			
	Spray Angle	20" Spacing	30" Spacing	40" Spacing
TeeJet (Flat Spray)	65°	22"-24"	33"-35"	NR*
TeeJet (XR TeeJet)	80°	17"-19"	26"-28"	NR*
TeeJet (XR TeeJet)	110°	12"-14"	16"-18"	NR*
FloodJet	120°	***	***	***

* Not Recommended
*** Wide angle spray tip is influenced by nozzle orientation
The critical factor is to achieve a double spray pattern overlap.

Nozzle Spacing

If the nozzle spacing on your boom is different from those tabulated, multiply the tabulated GPA coverage by one of the following factors.

Where Tables are Based on 20" Nozzle Spacing									
Other Spacing	8"	10"	12"	14"	16"	18"	22"	24"	30"
Conversion Factor	2.5	2	1.67	1.43	1.25	1.11	.91	.83	.66
Where Tables are Based on 30" Nozzle Spacing									
Other Spacing	26"	28"	32"	34"	36"	38"	40"	42"	44"
Conversion Factor	1.15	1.07	.94	.88	.83	.79	.75	.71	.68
Where Tables are Based on 40" Nozzle Spacing									
Other Spacing	28"	30"	32"	34"	36"	38"	42"	44"	48"
Conversion Factor	1.43	1.33	1.25	1.18	1.11	1.05	.95	.91	.83

Spraying Solutions Other Than Water

Since all the tabulations are based on spraying water, which weighs 8.34 lbs per USA gallon, conversion factors must be used when spraying solutions which are heavier or lighter than water. To determine the proper size nozzle for the solution to be sprayed, first multiply the desired GPM or GPA of solution by the rate conversion factor. Then use the new converted GPM or GPA rate to select the proper size nozzle.

Example: Desired application rate is 20 GPA of 28% Nitrogen. Determine the correct nozzle size as follows:

GPA (Solution) x Conversion Factor = GPA

20 GPA (28%) x 1.13 = 22.6 GPA (Water)

The applicator should choose a nozzle size that will supply 22.6 GPA of water at the desired pressure.

Miscellaneous Conversion Factors

One Acre = 43,560 square feet = 0.405 Hectacre
One Hectacre = 2.471 Acres
One Gallon Per Acre = 9.35 Liters Per Hectacre
One Mile = 5280 Feet = 1610 Meters = 1.61 Kilometers
One Gallon = 128 Fluid Ounces = 8 Pints = 4 Quarts = 3.79 Liters = 0.83 Imperial Gallons
One Pound Per Square Inch = 0.069 bar. = 6.895 Kilo-Pascals
One Mile Per Hour = 1.609 Kilometers Per Hour

Higher pressure not only increases the flow rate of the nozzle, but it also influences the droplet size and the rate of orifice wear. As pressure is increased, the droplet size decreases and the rate of orifice wear is increased.
The values given in the tabulation section of this owners manual indicate the most commonly used pressure ranges for the associated spray tips.

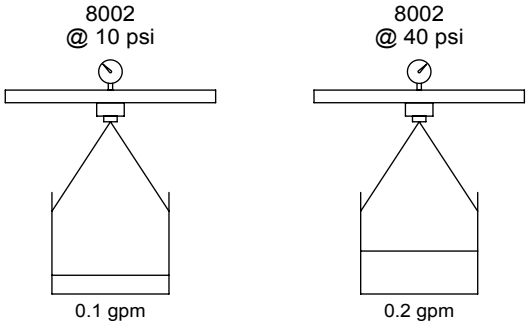
Weight of Solution	Specific Gravity	Conversion Factors
7.0 lbs per gallon	.84	.92
8.0 lbs per gallon	.96	.98
8.834 lbs per gallon (Water)	1.00	1.00
9.0 lbs per gallon	1.08	1.04
10.0 lbs per gallon	1.20	1.10
10.65 lbs per gallon (28% Nitrogen)	1.28	1.13
11.0 lbs per gallon	1.32	1.15
12.0 lbs per gallon	1.44	1.20
14.0 lbs per gallon	1.68	1.30

Flow Rate

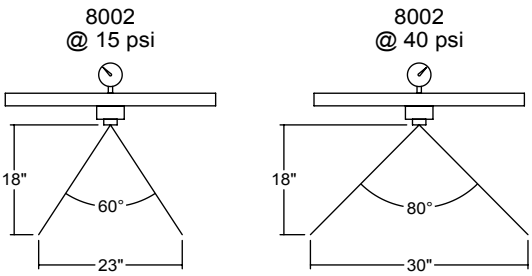
Nozzle flow rate varies with spraying pressure. In general, the relationship between GPM and pressure is as follows:

This equation is explained by the illustration below. Simply stated, to double the flow through a nozzle, the pressure be increased four times.

Effect of Pressure on Volume



Effect of Pressure on Spray Angle



Higher pressure not only increases the flow rate of the nozzle, but it also influences the droplet size and the rate of orifice wear. As pressure is increased, the droplet size decreases, and the rate of orifice wear is increased.

The values given in the tabulation section of this owner's manual indicate the most commonly used pressure ranges for the associated spray tips.

Spray Angle and Coverage

Depending on the nozzle type and size, the operating pressure can have a significant effect on spray angle and quality of spray distribution. As shown above for an 8002 flat spray tip, lowering the pressure results in a smaller spray angle and a significant reduction in spray coverage.

Tabulations for spray tips shown in this owner's manual are based on spraying water. Generally, liquids more viscous than water form relatively smaller spray angles. Whereas, liquids with surface tensions lower than water will produce wider spray angles. In situations where the uniformity of spray distribution is important, be careful to operate your spray tips within the proper pressure range.

NOTE: Suggested minimum spray heights for broadcast spraying are based upon nozzles spraying water at the rated spray angle.

After Spraying

After use, fill the sprayer tank part way with water. Start the sprayer, and allow the clear water to be pumped through the plumbing system and out through the spray nozzles.
Refill the tank about half full with plain water and use a chemical neutralizer, such as 'Nutra-Sol', or equivalent, and repeat cleaning instructions above. A mix of water and some detergent, such as 'Dawn' dish soap would be a sufficient alternative.
Flush the entire sprayer with the neutralizing/cleaning agent, then flush out one more time with plain water. Follow the chemical manufacturer's disposal instructions of all wash or rinsing water.
For the boom, (if applicable) remove the tips and screens from the nozzle assemblies. Wash these items out thoroughly. Blow the orifice clean and dry. If the orifice remains clogged, clean it with a fine bristle (NOT WIRE) brush, or with a toothpick. Do not damage the orifice. Water rinse and dry the tips before storing.

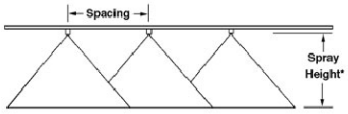
WARNING: Some chemicals will damage the pump valves if allowed to soak untreated for a length of time! ALWAYS flush the pump as instructed after each use.

Winter Storage

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

The sprayer should be winterized before storage by pumping a solution of RV antifreeze through the entire plumbing system. This antifreeze solution should remain in the plumbing system during the winter months. When spring time comes and you are preparing your sprayer for the spray season, rinse the entire plumbing system out, clearing the lines of the antifreeze solution. Proper care and maintenance will prolong the life of your sprayer.

TeeJet®



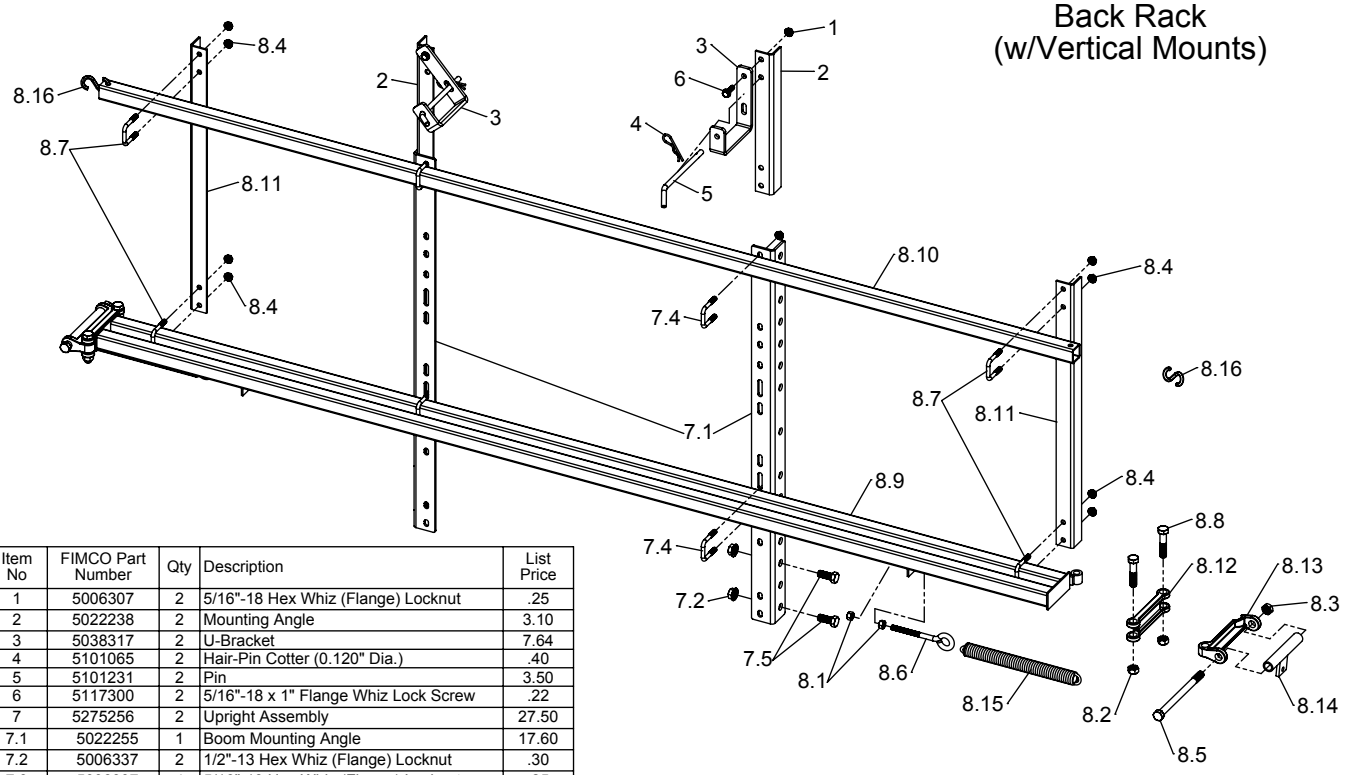
* Adjust spray height in the field to overlap approximately 30% of each edge of pattern.

Standard Flat Spray Tips
80° Series

VS = Stainless Steel Tip
VP = Plastic Tip

Tip Color	Tip No. (Strainer Screen Size) 80° Seriers	Liquid Pressure in PSI	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in oz./min.	Gallons Per Acre 20" Spacing 5 mph	6 mph	7 mph	8 mph	Gallons Per Acre 30" Spacing 5 mph	6 mph	7 mph	8 mph
Orange	8001VS 8001VP (100 Mesh)	30 35 40 45 60	.09 .094 .10 .11 .12	11.5 12 13 14 15	5.3 5.6 5.9 6.5 7.1	4.5 4.6 5.0 5.4 5.9	3.8 4.0 4.2 4.7 5.1	3.3 3.5 3.7 4.1 4.5	3.6 3.7 4.0 4.4 4.8	3.0 3.1 3.3 3.6 4.0	2.5 2.7 2.8 3.1 3.4	2.2 2.3 2.5 2.7 3.0
Green	80015VS 80015VP (100 Mesh)	30 35 40 45 60	.13 .14 .15 .16 .18	17 18 19 20 23	7.7 8.3 8.9 9.5 10.7	6.4 6.9 7.4 7.9 8.9	5.5 5.9 6.4 6.8 7.6	4.8 5.2 5.6 5.9 6.7	5.1 5.5 5.9 6.3 7.1	4.3 4.6 5.0 5.3 5.9	3.7 4.0 4.2 4.5 5.1	3.2 3.5 3.7 4.0 4.5
Yellow	8002VS 8002VP (50 Mesh)	30 35 40 45 60	.17 .19 .20 .21 .24	22 24 26 27 31	10.1 11.3 11.9 12.5 14.3	8.4 9.4 9.9 10.4 11.9	7.2 8.1 8.5 8.9 10.2	6.3 7.1 7.4 7.8 8.9	6.7 7.5 7.9 8.3 9.5	5.6 6.3 6.6 6.9 7.9	4.8 5.4 5.7 5.9 6.8	4.2 4.7 5.0 5.2 5.9
Blue	8003VS 8003VP (50 Mesh)	30 35 40 45 60	.26 .28 .30 .32 .37	33 36 38 41 47	15.4 16.6 17.8 19.0 22	12.9 13.9 14.9 15.8 18.3	11.0 11.9 12.7 13.6 15.7	9.7 10.4 11.1 11.9 13.7	10.3 11.1 11.9 12.7 14.7	8.6 9.2 9.9 10.6 12.2	7.4 7.9 8.5 9.1 10.5	6.4 6.9 7.4 7.9 9.2
Red	8004VS 8004VP (50 Mesh)	30 35 40 45 60	.35 .37 .40 .42 .49	45 47 51 54 63	21 22 24 25 29	17.3 18.3 19.8 21 24	14.9 15.7 17.0 17.8 21	13.0 13.7 14.9 15.6 18.2	13.9 14.7 15.8 16.6 19.4	11.6 12.2 13.2 13.9 16.2	9.9 10.5 11.3 11.9 13.9	8.7 9.2 9.9 10.4 12.1
Brown	8005VS 8005VP (50 Mesh)	30 35 40 45 60	.43 .47 .50 .53 .61	55 60 64 68 78	26 28 30 31 36	21 23 25 26 30	18.2 19.9 21 22 26	16.0 17.4 18.6 19.7 23	17.0 18.6 20 21 24	14.2 15.5 16.5 17.5 20	12.2 13.3 14.1 15.0 17.3	10.6 11.6 12.4 13.1 15.1
Gray	8006VS 8006VP (50 Mesh)	30 35 40 45 60	.52 .56 .60 .64 .73	67 72 77 82 93	31 33 36 38 43	26 28 30 32 36	22 24 25 27 31	19.3 21 22 24 27	21 22 24 25 29	17.2 18.5 20 21 24	14.7 15.8 17.0 18.1 21	12.9 13.9 14.9 15.8 18.1
White	8008VS 8008VP (50 Mesh)	30 35 40 45 60	.69 .75 .80 .85 .98	88 96 102 109 125	41 45 48 50 58	34 37 40 42 49	29 32 34 36 42	26 28 30 32 36	27 30 32 34 39	23 25 26 28 32	20 21 23 24 28	17.1 18.6 20 21 24

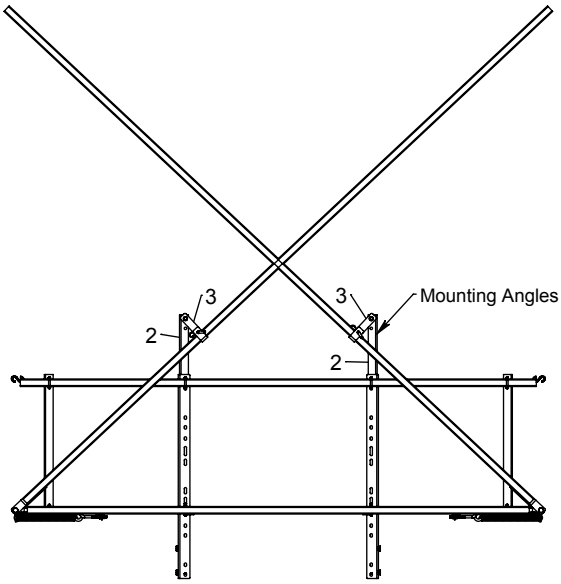
Back Rack (w/Vertical Mounts)



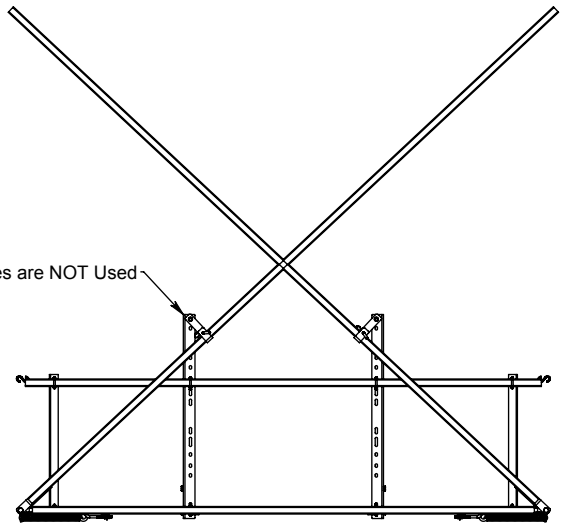
Item No	FIMCO Part Number	Qty	Description	List Price
1	5006307	2	5/16"-18 Hex Whiz (Flange) Locknut	.25
2	5022238	2	Mounting Angle	3.10
3	5038317	2	U-Bracket	7.64
4	5101065	2	Hair-Pin Cotter (0.120" Dia.)	.40
5	5101231	2	Pin	3.50
6	5117300	2	5/16"-18 x 1" Flange Whiz Lock Screw	.22
7	5275256	2	Upright Assembly	27.50
7.1	5022255	1	Boom Mounting Angle	17.60
7.2	5006337	2	1/2"-13 Hex Whiz (Flange) Locknut	.30
7.3	5006307	4	5/16"-18 Hex Whiz (Flange) Locknut	.25
7.4	5034159	2	Square U-Bolt, 5/16" x 1 5/16" x 1 7/8"	.65
7.5	5034019	2	H.H.C.S., 1/2"-13 x 1 1/4"	.48
8	Center Rack Assembly	1	BA6D & BA8D Boom Center Section	
8.1	5006054	4	3/8"-16 Hex Nut	.25
8.2	5006091	4	1/2"-13 Hex Locknut	.25
8.3	5006142	2	Hex Jam Locknut, 1/2"	.25
8.4	5006307	8	5/16"-18 Hex Whiz (Flange) Locknut	.25
8.5	5034074	2	H.H.C.S., 1/2"-13 x 7"	1.90
8.6	5034107	2	3/8" x 4" Eyebolt, Turned, Zinc-Plated	1.52
8.7	5034159	4	Square U-Bolt, 5/16" x 1 5/16" x 1 7/8"	.65
8.8	5034308	4	H.H.C.S., 1/2"-13 x 2 1/4"	.68
8.9	5273315	1	Center Boom Weldment	63.57
8.10	5009635	1	Top Bar Tube (257 Boom)	15.78
8.11	5022256	2	End Angle (257 Boom)	5.11
8.12	5080012	2	Center Hinge Section	12.45
8.13	5080011	2	Outer Hinge Section	18.93
8.14	5271580	2	Spring Connector Weldment	6.75
8.15	5019097	2	Hinge Spring	3.50
8.16	5082006	2	"S" Hook	.55

NOTE:
Mounting angles (Item 2) are used when the boom is positioned in the "high" position. Otherwise the U-bracket (Item 3) is bolted to the top holes in the upright angle (Item 7.1).

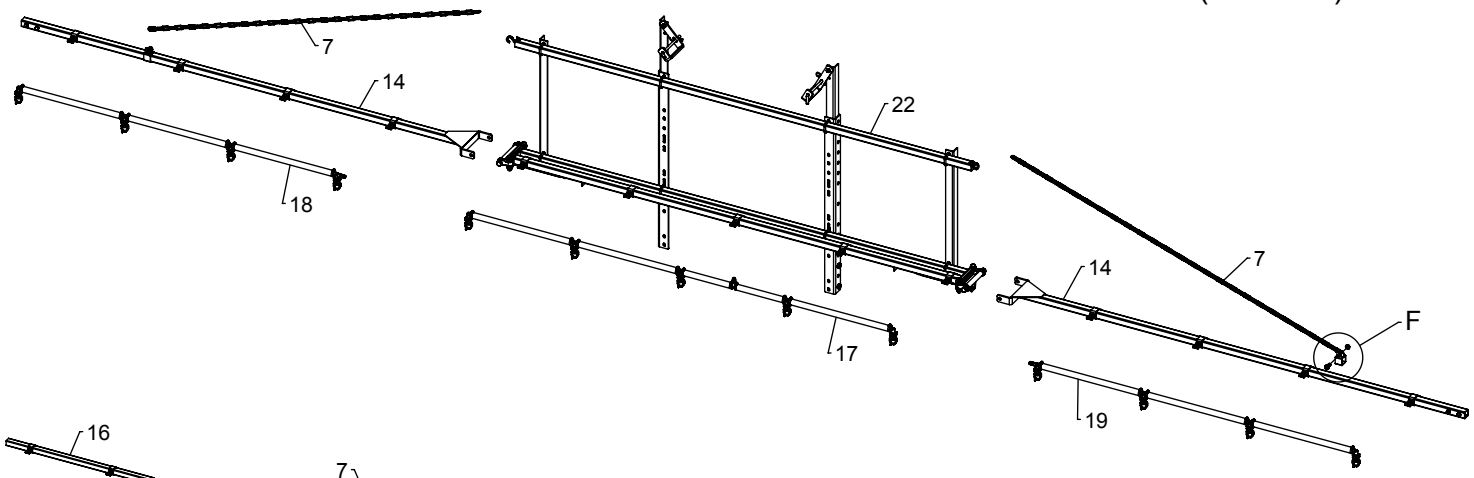
Center "Back Rack" Mounted in the "High" Position



Center "Back Rack" Mounted in the "Low" Position



Model: BA6D (5301957)



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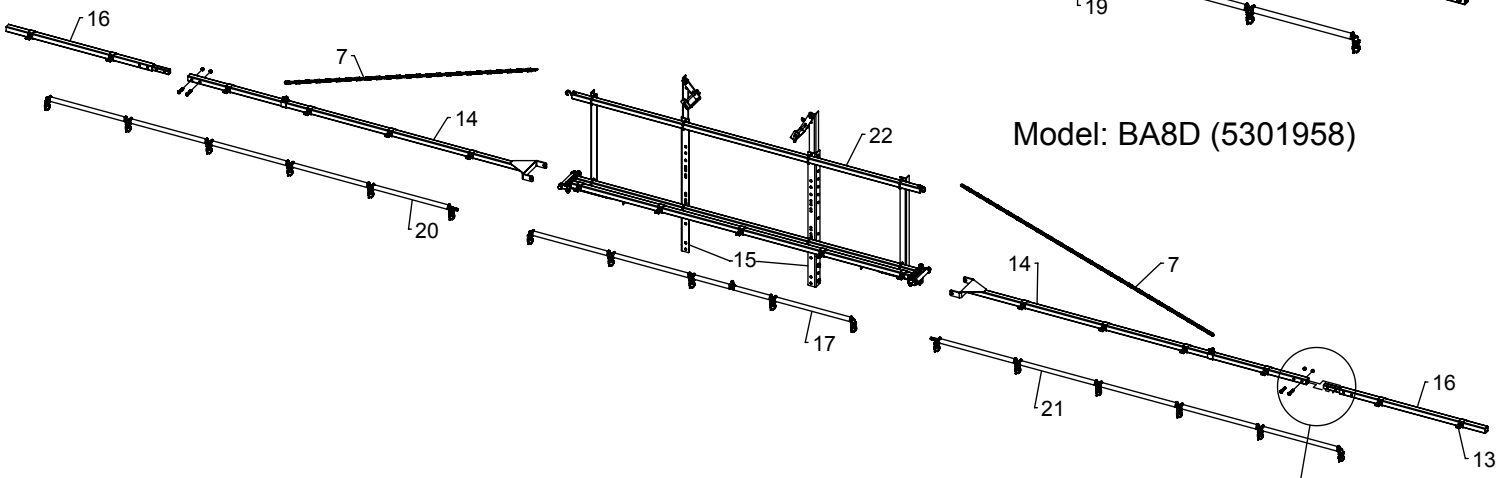
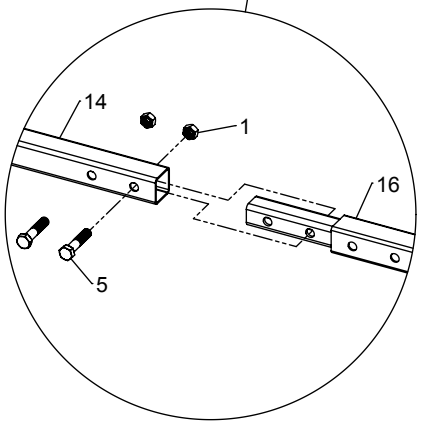
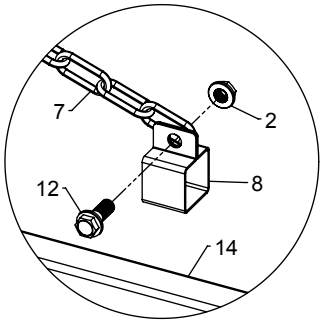


Item No	FIMCO Part Number	BA6D (5301957)/QTY.	BA8D (5301958)/QTY.	Description	List Price
1	5006092	4	4	3/8"-16 Hex Locknut	.25
2	5006259	2	2	3/8"-16 Hex Whiz (Flange) Locknut	.25
3	5006307	2	2	5/16"-18 Hex Whiz (Flange) Locknut	.25
4	5022238	2	2	Mounting Angle	3.10
5	5034101	4	4	H.H.C.S., 3/8"-16 x 1 3/4"	.50
6	5038317	2	2	U-Bracket	7.64
7	5049018	2	2	Boom Chain (7 Ft.)	3.25
8	5051085	2	2	Slide Clamp	8.72
9	5101065	2	2	Hair-Pin Cotter (0.120" Dia.)	.40
10	5101231	2	2	Pin	3.50
11	5117300	2	2	5/16"-18 x 1" Flange Whiz Lock Screw	.22
12	5117307	2	2	3/8"-16 x 1" Whiz (Flange) Lockscrew	.46
13	5272165	13	17	Vari-Quick Clamp (1 1/4" Sq. Tube)	2.57
14	5273313	2	2	End Boom Weldment	38.16
15	5275256	2	2	Upright Assembly	27.50
16	5275736	-	2	Boom Extension (for 8-Row)	14.50
17	5277032	1	1	1/2" QJ Center Nozzle Harness	
18	5277033	1	-	1/2" QJ (LH) Nozzle Harness (BA6D)	
19	5277034	1	-	1/2" QJ (RH) Nozzle Harness (BA6D)	
20	5277035	-	1	1/2" QJ (LH) Nozzle Harness (BA8D)	
21	5277036	-	1	1/2" QJ (RH) Nozzle Harness (BA8D)	
22	Center Rack Assembly	1	1	BA6D & BA8D Boom Center Section	

Components and their quantities for the 'Center Rack Assembly' & 'Upright Assembly' are called out on Page 5.

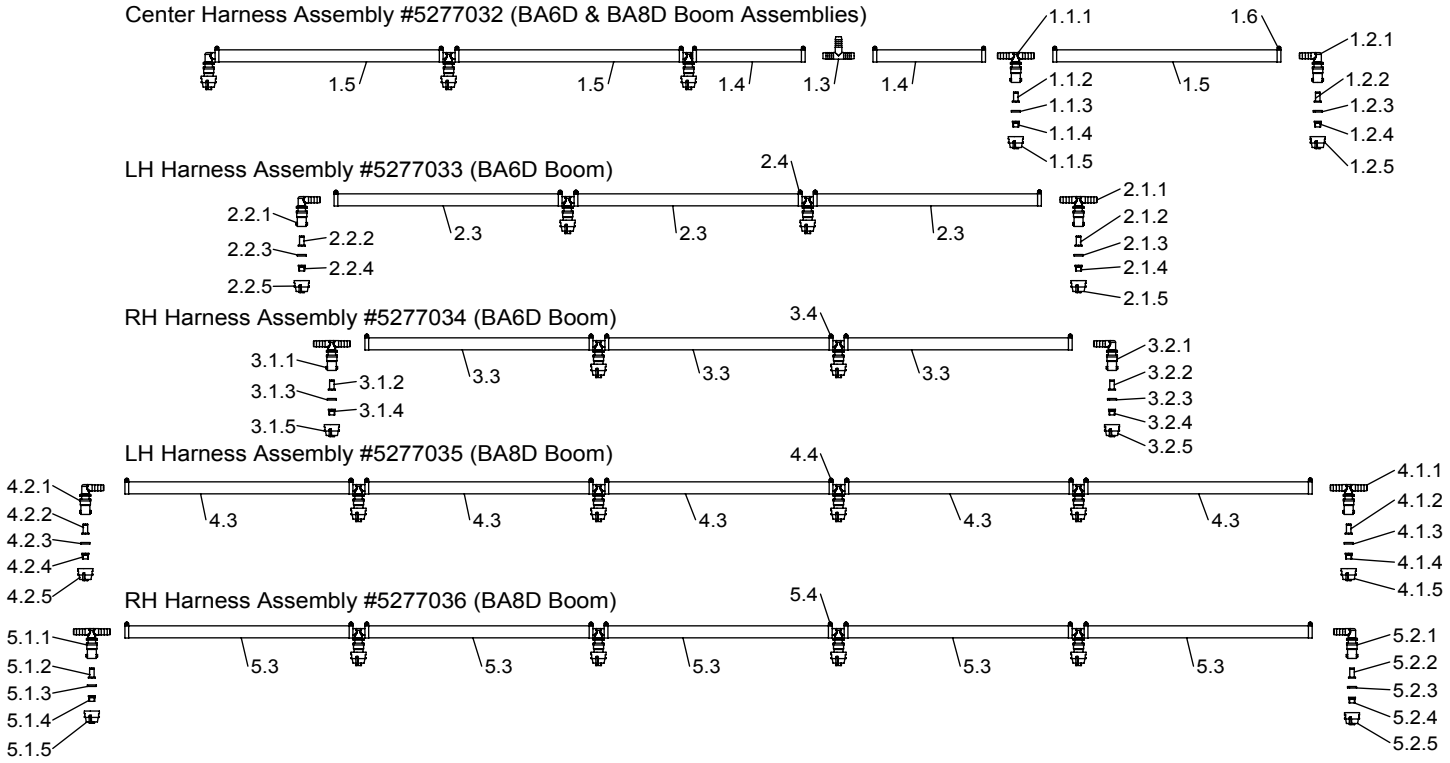


Typ. Boom Extension Attachment (BA8D Boom)



DETAIL F

BA6D (5301957) & BA8D (5301958) Nozzle Assemblies



Item No	FIMCO Part Number	Qty	Description	List Price
1	5277032	1	1/2" QJ Center Nozzle Harness	
1.1	5277031	3	1/2" TEE QJ Nozzle Assembly	
1.1.1	5056067	1	Double Hose Shank (1/2" Hose)	3.84
1.1.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
1.1.3	5016157	1	Seat Washer	.40
1.1.4	5018266	1	Flat Spray Tip, Blue	.84
1.1.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
1.2	5277030	2	1/2" ELL QJ Nozzle Assembly	
1.2.1	5056065	1	Single Hose Shank (1/2" Hose)	3.84
1.2.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
1.2.3	5016157	1	Seat Washer	.40
1.2.4	5018266	1	Flat Spray Tip, Blue	.84
1.2.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
1.3	5086003	1	Nylon Hose Tee, 1/2" HB	.88
1.4	5020144	2	Hose, 1/2"-1 Brd. x 10"	1.77
1.5	5020416	3	Hose, 1/2"-1 Brd. x 19 3/8"	2.17
1.6	5051114	10	Hose Clamp, 3/8"	.63
2	5277033	1	1/2" QJ (LH) Nozzle Harness	
2.1	5277031	3	1/2" TEE QJ Nozzle Assembly	
2.1.1	5056067	1	Double Hose Shank (1/2" Hose)	3.84
2.1.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
2.1.3	5016157	1	Seat Washer	.40
2.1.4	5018266	1	Flat Spray Tip, Blue	.84
2.1.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
2.2	5277030	1	1/2" ELL QJ Nozzle Assembly	
2.2.1	5056065	1	Single Hose Shank (1/2" Hose)	3.84
2.2.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
2.2.3	5016157	1	Seat Washer	.40
2.2.4	5018266	1	Flat Spray Tip, Blue	.84
2.2.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
2.3	5020416	3	Hose, 1/2"-1 Brd. x 19 3/8"	2.17
2.4	5051114	6	Hose Clamp, 3/8"	.63
3	5277034	1	1/2" QJ (RH) Nozzle Harness	
3.1	5277031	3	1/2" TEE QJ Nozzle Assembly	
3.1.1	5056067	1	Double Hose Shank (1/2" Hose)	3.84
3.1.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
3.1.3	5016157	1	Seat Washer	.40
3.1.4	5018266	1	Flat Spray Tip, Blue	.84
3.1.5	5046219	1	Quick TeeJet Cap (Yellow)	.61

Item No	FIMCO Part Number	Qty	Description	List Price
3.2	5277030	1	1/2" ELL QJ Nozzle Assembly	
3.2.1	5056065	1	Single Hose Shank (1/2" Hose)	3.84
3.2.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
3.2.3	5016157	1	Seat Washer	.40
3.2.4	5018266	1	Flat Spray Tip, Blue	.84
3.2.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
3.3	5020416	3	Hose, 1/2"-1 Brd. x 19 3/8"	2.17
3.4	5051114	6	Hose Clamp, 3/8"	.63
4	5277035	1	1/2" QJ (LH) Nozzle Harness (BA8D)	
4.1	5277031	5	1/2" TEE QJ Nozzle Assembly	
4.1.1	5056067	1	Double Hose Shank (1/2" Hose)	3.84
4.1.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
4.1.3	5016157	1	Seat Washer	.40
4.1.4	5018266	1	Flat Spray Tip, Blue	.84
4.1.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
4.2	5277030	1	1/2" ELL QJ Nozzle Assembly	
4.2.1	5056065	1	Single Hose Shank (1/2" Hose)	3.84
4.2.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
4.2.3	5016157	1	Seat Washer	.40
4.2.4	5018266	1	Flat Spray Tip, Blue	.84
4.2.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
4.3	5020416	5	Hose, 1/2"-1 Brd. x 19 3/8"	2.17
4.4	5051114	10	Hose Clamp, 3/8"	.63
5	5277036	1	1/2" QJ (RH) Nozzle Harness (BA8D)	
5.1	5277031	5	1/2" TEE QJ Nozzle Assembly	
5.1.1	5056067	1	Double Hose Shank (1/2" Hose)	3.84
5.1.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
5.1.3	5016157	1	Seat Washer	.40
5.1.4	5018266	1	Flat Spray Tip, Blue	.84
5.1.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
5.2	5277030	1	1/2" ELL QJ Nozzle Assembly	
5.2.1	5056065	1	Single Hose Shank (1/2" Hose)	3.84
5.2.2	5116019	1	50 Mesh Nozzle Strainer, Red	1.05
5.2.3	5016157	1	Seat Washer	.40
5.2.4	5018266	1	Flat Spray Tip, Blue	.84
5.2.5	5046219	1	Quick TeeJet Cap (Yellow)	.61
5.3	5020416	5	Hose, 1/2"-1 Brd. x 19 3/8"	2.17
5.4	5051114	10	Hose Clamp, 3/8"	.63