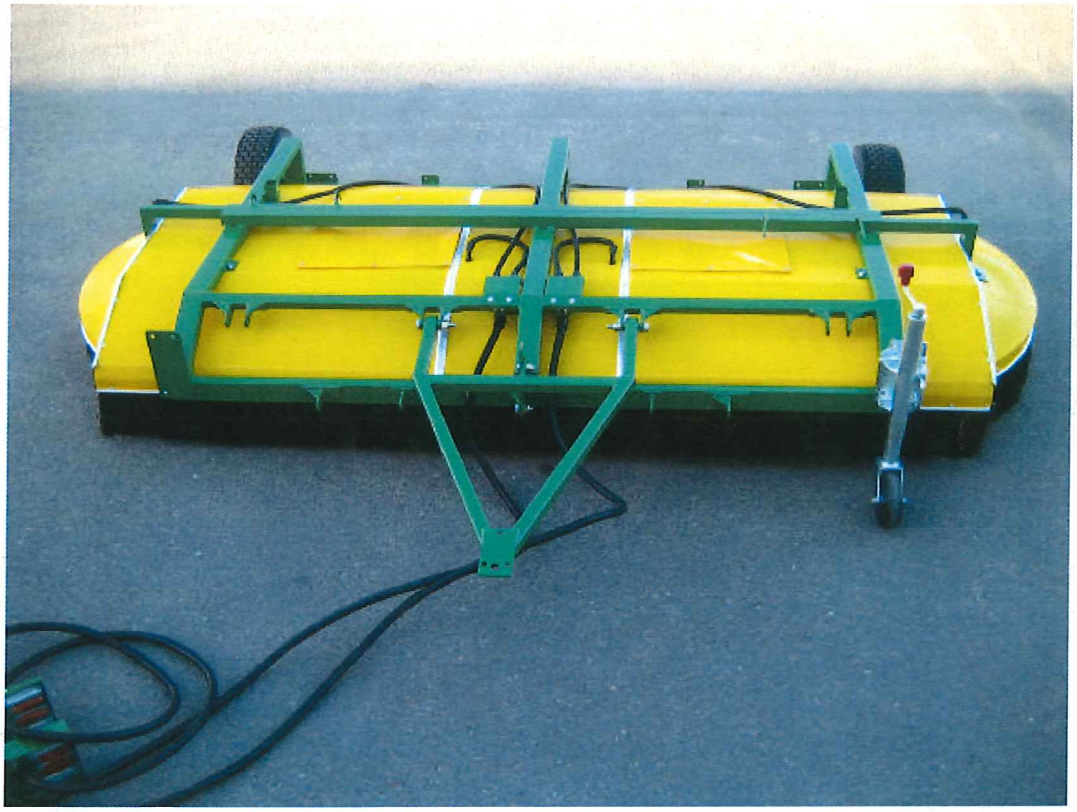
ENVIROMIST

SPRAYDOME 3044 OPERATING MANUAL



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CAUTION:

- Enviromist CDA equipment must not be operated at pressures above 70kpa (10psi)
- Use only standard nozzles as supplied
- Any alteration to standard equipment may reduce performance
- Be aware that excess hose lengths may become a hazard if not coiled and secured safely

CHEMICALS THAT CAN BE USED:

Enviromist CDA equipment will operate successfully with most flowable liquid weedicide mixtures (e.g. glyphosate) and with most fully dissolvable granular weedicides.

WE STRONGLY RECOMMEND DAILY RINSING OF TANK AND EQUIPMENT WITH CLEAN WATER AFTER ANY USE.

PATENTS

Machines are made by Enviromist Industries Pty Ltd under the following patents:

Undavina® & Spraydome®
Pat. No. 651271 AU.
Pat. No. 251946 NZ.
Pat. No. 5,419,493 US
Pat. App. No. 2107096 CA
Pat. App. No. 93903722.2 EP.

Spraymiser®
Pat. No. 631932 AU
Pat. No. 664493 AU.
Pat. No. 235631 NZ.

Enviromist Industries Pty Ltd has been granted exclusive rights to exploit the inventions embodied herein, and these rights will be infringed by others who make machines according to these inventions, and then use such machines and/or sell such machines.

TABLE OF CONTENTS:

WARRANTY POLICY

The Vendor warrants (except as here by provided) to the retail purchaser, or the hirer or lessee ("the purchaser") the unit supplied by the vendor to be free, under normal use, and service, from defects in material, and/or workmanship.

The Warranty Period for all "Enviromist" equipment is as follows:
Twelve (12) months for normal agricultural use, government, municipal organizations, industrial and agricultural contractors.

Warranty of Enviromist equipment is only effective if the Warranty Registration Certificate supplied with each unit is completed and returned to the address on the warranty card within seven (7) days of purchase.

In case of components not of Enviromist manufacture, purchasers are entitled only to such benefits as they may receive under any guarantee given to them in respect hereto.

In the event of a defect occurring, Enviromist will replace or repair free of charge, any part or parts found upon examination at the factory to be defective in material and/or workmanship.

All freight on parts submitted fro replacement by Enviromist Industries or the distributor under this warranty shall be prepaid by the purchaser.
The warranty service must be performed by an authorized Enviromist Industries distributor.

Warranty service will be performed without charge to the purchaser form parts and labour.

The purchaser will be responsible for any call and/or transportation of equipment to and from the distributors place of business, for nay premium charged for overtime labour requested by the purchaser, and for any service, maintenance or item not directly related to the defect covered under the warranty.

All items presented for repair must be clean and free from chemicals.

Delay in effecting repairs or supplying replacement parts will not extend the warranty period or entitle the Purchaser to any compensation.

Enviromist may at any time alter the specifications or design of parts, and the Vendor reserves the right to supply replacement parts to the new specification or design.

A unit presented for Warranty repair is accepted on the condition that while it is in the Vendor's or factory's possession, neither shall be responsible for loss or damage to the unit and/or accessories.

The Vendor shall be released from obligation under this warranty if the equipment has been:

1. Used with implements or attachments other than those recommended by Enviromist industries.
2. Used for any purpose other than for which it is/was designed
3. Neglected, misused, or regular maintenance has not been carried out
4. Modified or altered in anyway.
5. Damaged as a result of opening the package after it was known or might reasonably have been expected to be known by the Purchaser that internal damage to the contents had occurred.

This warranty is given by the Vendor and is expressly in lieu of and excludes all other warranties, conditions, representations and terms, expressed or implied, statutory or otherwise, except than any implied by law cannot be excluded.

The Vendor shall not be liable for any consequential loss. Damage or injury including any loss of use, profit or contracts.

ALL UNITS carry SERIAL NUMBERS and these MUST BE quoted when claims are made for warranty.

SPECIFICATIONS:

Spray width: Adjustable from 3.0m to 4.4m (9'9" to 14'4")
CDA's: 4 controlled droplet applicator heads
Flow rate: 18 litres (4.75 US gal) per hour per head
72 litres (19 US gal) per hour total

Approx. Dry weight:

SD3044	218kg	(480lbs)
200 litre tank	32kg	(70 lbs)
SD1200	26kg	(57 lbs) if applicable

ENVIROMIST SPRAYDOME 3044

APPLICATION RATES Litres per Hectare

	Flowmeter reading - average per flowmeter			
Speed (KPH)	**15 lph**	**16 lph**	**17 lph**	**18 lph**
10	13.6	14.5	15.5	16.4
9	15.2	16.2	17.2	18.2
8	17.0	18.2	19.3	20.5
7	19.5	20.8	22.1	23.4
6	22.7	24.2	25.8	27.3
5	27.3	29.1	30.9	32.7
4	34.1	36.4	38.6	40.9

APPLICATION RATES Gallons per Acre

	Flowmeter reading - average per flowmeter			
Speed (MPH)	**4.0 gph**	**4.25gph**	**4.5 gph**	**4.75 lph**
6	1.5	1.6	1.7	1.8
5	1.8	2.0	2.1	2.2
4	2.3	2.5	2.6	2.7
3	3.1	3.3	3.5	3.7
2	4.6	4.9	5.2	5.5

Note that the application rate is an average based on spray width of 4.4 metres (14'4"), real application rate will vary slightly if width is reduced from 4.4 metre (14'4") to narrower width. E.g. if width is reduced to 3.3 metres (10'9")then application will increase by the ratio 4.4:3.3

SAFETY INSTRUCTIONS

WARNING!

Read operator's manual thoroughly before operating Enviromist sprayers.

Always adjust sprayer to proper working height, application rate and travel at an appropriate speed to suit conditions. Improper height adjustment, incorrect flow rate and traveling too fast or slow will adversely affect results.

Always read chemical manufacturers' labels before using the chemical.

Do not spry when air temperature exceeds the maximum recommended by the chemical manufacturer.

Always observe all warnings on chemical products. Failure to do so could result in operator or others being exposed to toxic chemicals which could result in serious illness. Remember, chemical labels have been developed for your protection.

Wear appropriate protective clothing when handling chemicals. Failure to do so could result in serious illness or even death.

Always use the correct application rate. Application rates of chemical which are too high may expose the operator and environment to danger. Rates that are too low will result in ineffective control.

Dispose of all chemical containers as per instruction on the chemical label. Failure to do so could result in environmental contamination.

Always wear gloves and wash sprayer thoroughly before doing any dis-assembly or repair work. If not, chemicals residues on machine parts could contaminate operator or service personnel causing serious illness.

Turn sprayer off before making adjustments or repairs. Failure to do so could result in injury or toxic chemical contamination and serous illness.

Inspect hose and hose connections daily. Damaged, loose or worn hoses will cause sprayer malfunction. And may result in the operator being exposed to toxic chemicals which could cause serious illness.

Do not disconnect any hoses, nozzles or filters while sprayer is operating. Disconnecting components under pressure could result in uncontrolled spray discharge which could be hazardous to humans.

Be sure you recognize the categories of chemical toxicity and their key words for safety.

Always replace worn or damaged shroud material on Enviromist sprayers. Failure to keep shrouds in good condition may result in off target drift.

Always follow the sprayer maintenance procedures outlined in this manual. Failure to do so will cause malfunction and unnecessary repair work.

INSTALLATION PROCEDURE

1. Remove the Spraydome® from its packaging and place on a work area, taking care not to damage the CDA head beneath the sprayer cover.

2. Remove the WARRANTY CARD from the sprayer, fill out the relevant information and post it back to Enviromist or your national distributor to ensure full warranty.

FOR TOWED SPRAYERS:

3. You will need to adjust the towbar to the desired length. There are holes on the inner tube that allow for extension of the draw bar.

4. Position the sprayer close to the vehicle's tow position then adjust height of drawbar to suit vehicle by loosening bolts on the adjustment assembly underneath the drawbar. Height should be set to ensure that the bottom of the brush is above the ground to be sprayed by 20-50mm (1-2")

5. Remove the pin from the en of the drawbar and position over the vehicle tow point. Insert tow pin and secure with lynch pin.

6. Refer to :Backplate installation Procedure" regarding instructions for connection of the sprayers control box to the backplate.

7. Set spray width by sliding the side "wings" on top of the sprayer shroud to the desired width and then lock in place with the clamp bolt supplied.

FOR 3 POINT LINKAGE SPRAYERS:

8. Position linkage sprayer so that tractor can back up to the "A" frame of the sprayer.

9. Remove lynch pins from lower linkage pins and remove top locating pin.

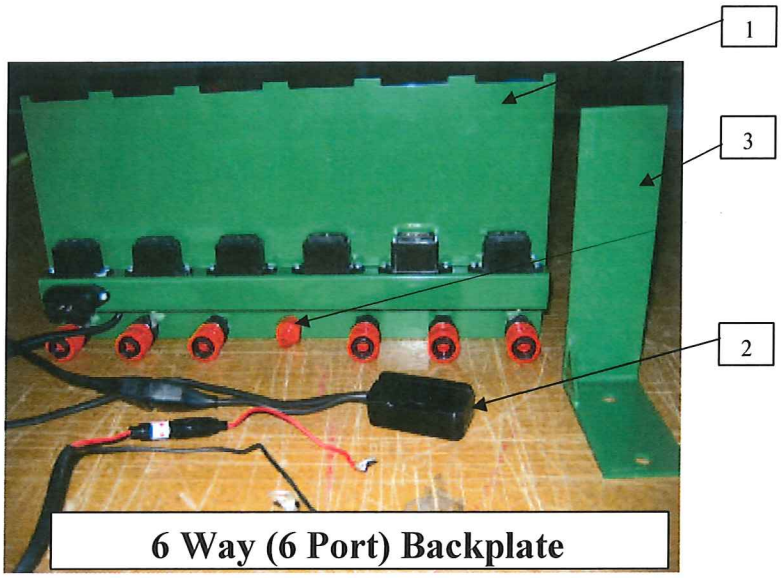
10. Position tractor and connect lower pins and tractor top link.

11. Attach the hose from the tank into the backplate and connect the power wire.

12. Refer to "Tank—Backplate Connection Procedure" for instructions on how to connect sprayers control boxes to ht backplate.

13. Set spray width by sliding the side "wings" on top of the sprayer shroud to the desired width and then lock in place with the clamp bolt supplied.

BACKPLATE INSTALLATION PROCEDURE



6 Way (6 Port) Backplate

1. Connect the backplate to the 12 volt power supply of the vehicle - this may be directly to the battery or other direct 12 volt supply.
   - **a.** Ensure the switch (No 2 above) is switched **OFF.**
   - **b.** Connect the positive lead to the positive terminal of the 12 volt supply.
   - **c.** Connect the negative lead to the negative terminal of the 12 volt supply.
2. Locate the Backplate (No 1 above) in the most appropriate operating position on the vehicle. This is usually in front of the operator for ease of operation and control. To ensure the correct operation of system flowmeters, the Backplate must be mounted vertically, preferably on the mounting brackets (No. 3 above) provided.
3. The supply tank and the sprayer/s must now be fitted prior to continuing.

Tank Connection Procedure

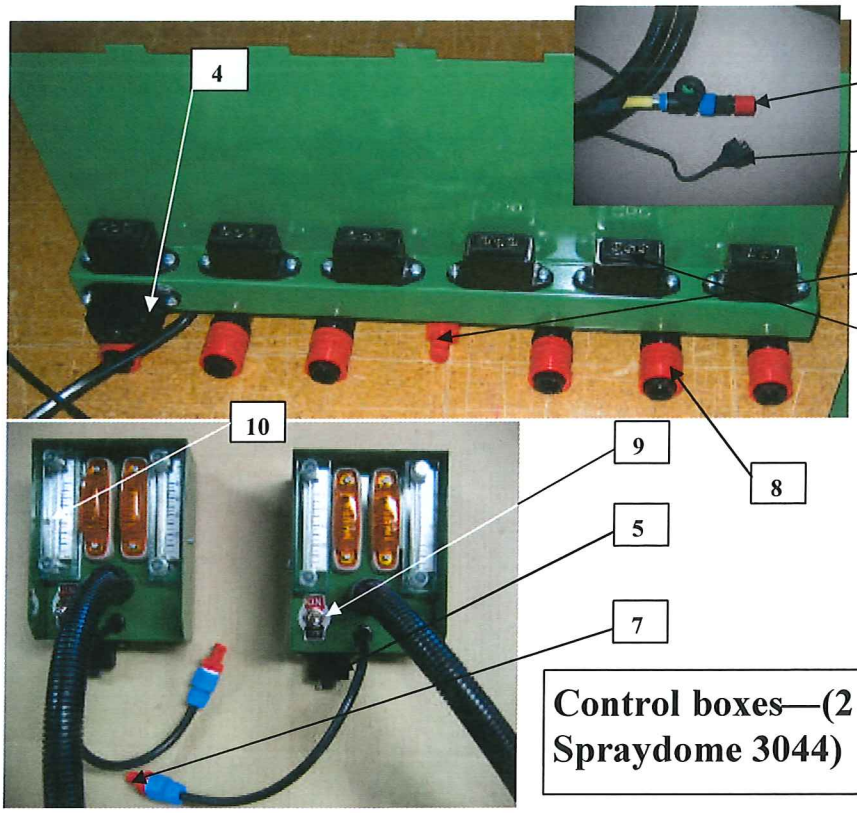
WARNING Tank and contents must not exceed the specifications designated by the pulling/carryingvehicle manufacturer

Once the Enviromist tank has been fitted to the vehicle or sprayer, it must be connected to

For use of **NON ENVIROMIST tank and pumps follow the procedure:**

1. In addition to the wiring and **10 amp** fuse protection for connecting the pump to a 12 volt power supply, it will also be necessary to provide the hose, fittings and wiring to connect it to the Enviromist backplate.
2. If the pump used has a greater capacity than 55-70 kPa (8-10psi) a BYPASS control MUST be fitted to limit the pressure to 70kPa (10psi) maximum.
3. The pump fitted must be 100% duty cycle

TANK—BACKPLATE CONNECTION PROCEDURE



Control boxes—(2 on a Spraydome 3044)

1. Connect the quick release hose coupling (No 1 above) of the tank hose to the connector (No 2 above) on the backplate.
2. Connect the 2 pin electrical plug (No 3 above) from the tank hose to the 2 pin socket (No 4 above) on the backplate.
3. To fit the sprayer control units to the backplate, first ensure the inline switch (No 2 from previous page) is in the **OFF** position. Connect the electrical plug (No 5 above) to a socket (No 6 above) while at the same time locating the clip on the back of the control unit between the locating lugs on the backplate.
4. Connect the quick release hose plug (No 7 above) of the control to the corresponding connector (No 8 above) on the front of the backplate..
5. Turn all the control box switches (No 9 above) to the **OFF** position, and then turn the inline switch (No 2 previous page) **ON**.
6. Turn each control box switch **ON** and **OFF** in turn to check that the power connection is effective and that the pump is operating.
7. **Visually check** that the CDA disc under the sprayer is turning and that the lights are glowing on the control unit.
8. Secure all hoses, ensuring that the operator and moving parts are not obstructed.

PRE-OPERATION CHECKING PROCEDURE

1. Before attempting to use any Enviromist equipment, READ the manual thoroughly.

2. Read and follow instructions on chemical manufacturers labels.

3. Always wear applicable protective clothing.

3. Before filling the sprayer with chemical mixture, it is **recommended** that you complete the following test procedures to check that the system is working properly.

4. Check all plumbing and fittings to ensure that all connections are correctly coupled and that there is no damage or leaks.

5. Check that the tank, strainers, lines and nozzles are clean.

6.WARNING: USE CLEAN WATER ONLY for the balance of this procedure!! DO NOT use chemical mixture when checking the sprayer.

7. Place a small amount of clean rainwater in the clean, empty chemical mixture tank, ensuring the strainer is in place when filling. Failure to use the strainer will increase the likelihood of system blockages from contaminated water. The smaller fresh water flushing tank should also be filled at this point (if one is incorporated into the system).

8. Turn the inline switch (Page 2 No 2) **ON**.

9. Turn the control unit switches (Page 3 No 9) **ON**.

   At this stage the pump should start and the liquid flow will purge all the air from the system liquid lines (this could take a few minutes).

10. Check that the CDA's beneath the shroud are working correctly. The disc of the CDA's should be spinning clockwise when viewed from the top, and spreading a fine mist. If not, refer to the TROUBLE SHOOTING section within this manual.

11. The sprayer is now ready for field operations.

CHECKING PROCEDURES FOR PUMPS

1. **SAFETY PRECAUTIONS:**
   a) BE SURE to wear suitable protective clothing.
   b) BE SURE to use a suitable container to catch spray liquid if necessary.

2. Make certain there is ample liquid in the tank.

3. Ensure all electrical plugs are in place and that the battery connections are firm and then turn the inline switch (Page 2 No 2) **ON**, turn the control unit switch (Page 3 No 9) **ON**, the pump motor should now run.

   IF NOT RUNNING:
   a) Test wire the pump direct to the battery, if it runs check all the wiring until the fault is found.
   b) If it does not run, take the pump to the dealer for examination.

OPERATING PROCEDURES

1. Establish the rate of chemical to be applied using the chemical manufacturers recommendations.

2. Calculate the correct amount of chemical to add using the procedures in the pages **HOW TO CALCULATE APPLICATION RATES**

3. Check the sprayer control switches (Page 3 No 9) are **OFF**.

4. Mix water and chemical thoroughly and add mixture to the tank.

5. **IN FIELD ADJUSTMENTS**
   Before starting operations, the width and height of your sprayer must be adjusted to suit the conditions.
   ADJUST WIDTH of the Spraydome 3044 to required width and calibrate to new width

6. **OPERATION**
   To operate the sprayer, turn the inline switch (Page 2 No 2) **ON**, then control switches (page 3 No 9) **ON** as required, then travel at the speed determined for your application rate.
   It is recommended that the vehicle speed with Enviromist equipment should not exceed 10kph (6mph).
   When turning at the end of rows the sprayer may be turned OFF and ON as required by using the inline switch (Page 2 No 2).

7. **FLOW INDICATOR**
   The ball in the flowmeter (Page 3 No 10) on the control unit not only indicates that the sprayer is working but gives a reasonably accurate indication of the flow rate to that operating head.
   If the ball drops while operating, **something is wrong** and the chemicals is not being applied as required. If this happens **stop the sprayer** and rectify the problem before at tempting to spray again.
   Refer to the **Trouble Shooting** section for further information.

   Note: The flow meter is calibrated using water only and is accurate. As the concentration of chemical increases, the flow rate may vary slightly from what is indicated, but in most cases there is no need to take this variation into account.

   Note: when the pump is first switched on the indicator will fluctuate , this is caused by air and water passing intermittently through the meter and the jet. Once the air is purged from the system the indicator should settle down.

ADJUSTMENTS TO APPLICATION RATES

Recommendations

1. **The flow should be left as the standard factory recommendation (18-20 lph per head) (4.8-5.3 gph per head).**
2. **Variation in ground speed** may be used to change application rates provided **recommended top speeds are not exceeded.**
3. **Variation of the chemical concentration is the easiest way to change the amount of chemical being applied once ground speed and flow rate have been established.**

Chemical Mix

a. The higher the concentration of chemical mix then the higher application rate.
b. The lower the concentration the lower the application rate.

Ground Speed

a. Travelling faster than the calculated speed will reduce the application rate
b. Travelling slower will increase the application rate

Note: Small variations up or down of 1-2kph (.5-1.5mph) will not generally affect the result of the spray application.

Flow rate: The flow is controlled in 2 ways.

a. By the nozzles at the CDA head, the blue nozzle is standard and recommended not to be changed.
b. The pressure from the pump may be varied by opening or closing the bypass valve in the system.

There are 3 things to consider before changing the pressure:

a. Enviromist CDA sprayers are designed to run at 55-70kPa (8-10psi).
b. Closing the bypass will reduce agitation in the tank.
c. Increasing the pressure will increase the flow rate and this will in turn affect the size of the droplets produced which could also alter the efficiency of the sprayer and of the weed kill.

MAINTENANCE

End of day:

1. Empty tank completely, observing all safety precautions
2. Flush out with clean water and detergent, using the flush n go system if fitted, run the sprayer for at least 2 minutes to flush the lines and CDA heads.
3. Hose down the sprayer thoroughly, taking particular care to prevent water entering the clear vent tube at the top of each CDA head (NOTE: DO NOT SPRAY CDA HEAD DIRECTLY), then allow the CDA to spin dry by disconnecting the water supply at the backplate connection.

End of season:

1. As above for end of day maintenance then:
2. Allow the CDA heads to run dry and completely drain all hoses, cover all the exposed and un-connected ends to prevent contamination by grit and insects while in storage.
3. Control units should be wrapped in clean cloth and fastened safely to the sprayer with hoses rolled up to prevent damage.
4. Enviromist recommends that the units be stored in the same manner as they are in their operating position to prevent damage to brush and dome materials.
5. Storage for prolonged periods in direct sunlight or areas of extreme heat should be avoided.

Note: If for any reason it is suspected that water has entered the motor housing of a CDA head, dismantle and dry it, then give the motor a short spray of multi-purpose lubricating and penetrating spray before re-assembling.

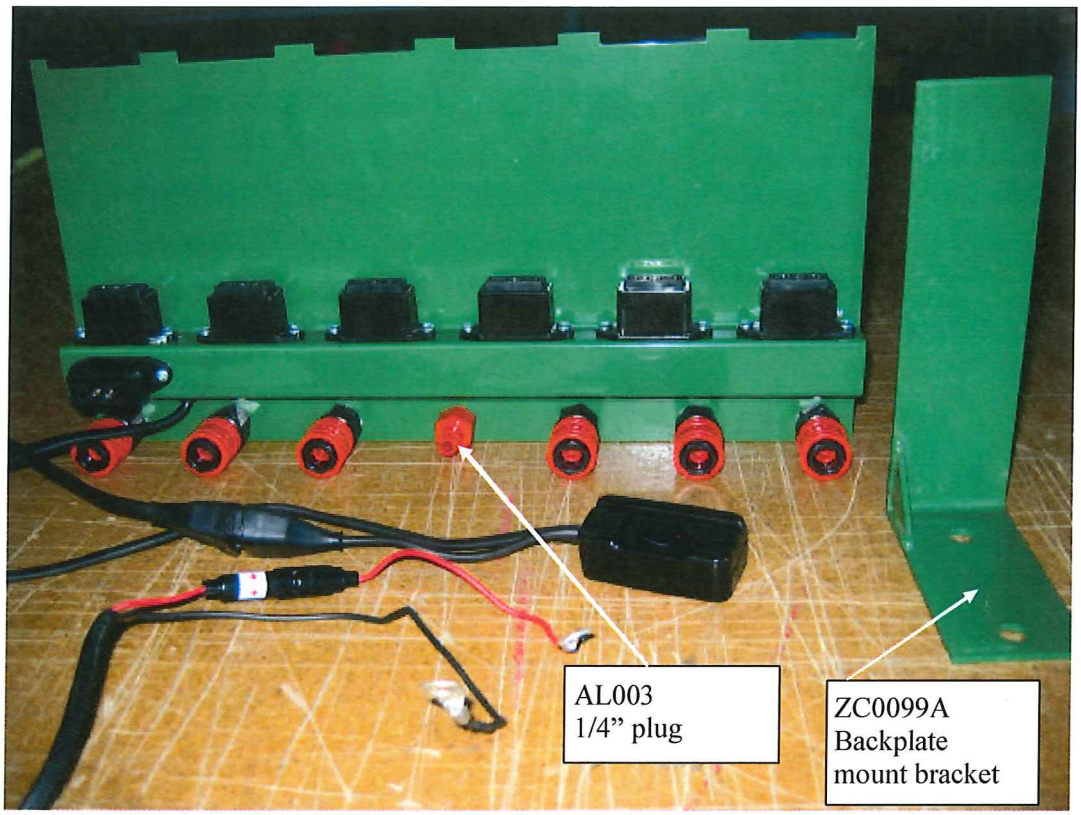
TROUBLE SHOOTING

PROBLEM	PROBABLE CAUSE	REMEDY
1. Neither CDA nor pump operate	a. Inline switch "off" b. Blown fuse c. Loose connection on battery lead/Backplate d. Incorrect wiring at backplate / Control Unit (red/blue)	a. Switch on at both switches b. Check system (refer problems 2 & 3) - Replace fuse c. Check all connections—tighten as necessary d. Connect wires to correct terminals
2. Blows fuse with Control unit "off"	a. Wiring on main lead or backplate reversed at plug / socket	a. Connect wires to correct terminals
3. Blows fuse when switched "on" at control unit	a. Rivet cut through insulation on pivot arm connector b. Short to earth	a. Replace connector b. Ensure red or blue wires are not earthed
4. Melts green wire in control unit	a. Reversed battery connection	a. Connect to battery correctly
5. Melts black wire between battery and backplate	a. Reversed battery connection	a. Connect to battery correctly
6. CDA does not spin—lamp glows brightly	a. Obstruction in disc b. Motor faulty (closed circuit)	a. Clear obstruction b. Replace motor
7. CDA does not spin—lamp does not glow	a Fuse blown b. Not switched on c. Motor faulty (open circuit) d. Broken wire e. Rivet cut through connector—red wire f. Loose connection g. Corroded terminal on CDA h. Contact spring corroded or missing from motor housing i. Globe blown j. Globe loose k. Wrong wattage globe used l. Wiring incorrect	a. Check system (refer problems 1-3) - replace fuse b. Switch "on" at both switches c. Replace motor d. Repair or replace wire e. Replace connector—refer fault 3 f. Check all connections—tighten as necessary g. Clean and / or replace terminals h. Replace spring / replace globe i. Replace globe j. Adjust globe holder k. Replace with correct globe l. Connect wires to correct terminals
8. CDA spins slowly	a. Moisture / corrosion in motor b. Incorrect globe used	a. Replace motor b. Use correct globe
9. CDA spins too fast / lamp does not glow	a. Rivet cut through insulation b. Incorrect globe used c. Lamp wire back to front	a. Replace connector b. Use correct globe c. Connect wires to correct terminals
10. Pump / CDA run intermittently	a. Loose electrical connection	a. Check all connections—tighten as necessary
11. Pump will not run	a. Tank lead not plugged into backplate b. Loose electrical connection c. Faulty diode d. Diode back to front. e. Faulty pump motor f. Incorrect wiring	a. Plug tank lead into backplate b. Check all connections—tighten as necessary c. Replace diode d. Install diode correctly e. Replace motor f. Connect wires to correct terminals

TROUBLE SHOOTING

PROBLEM	PROBABLE CAUSE	REMEDY
12. Pump runs but no flow	a. Tank empty b. Blocked nozzle c. Blocked filter d. Hoses blocked with sediment e. Control unit/backplate not plugged in f. Float stuck in flowmeter g. Non drip diaphragm stuck h. Wrong spring in non drip[valve i. No spring / poppet in bypass valve j. Pump poppet spring/s broken k. Debris under valves in pump l. Kinked spray line m. Solenoid not operating—if fitted	a. Fill tank b. Clean nozzle c. Clean filters d. Purge hoses e. Connect correctly f. Loosen float and clean flowmeter - use rainwater or fine filter g. Remove cap & loosen diaphragm h. Replace with correct spring i. Replace spring / poppet j. Install new poppet kit k. Clean valve plate/replace if needed l. Ensure lines are not bent too short m. Check wiring—replace solenoid if necessary
13. Low flow	a. Tank level low or empty b. Partially blocked nozzle c. Blocked filter d. Lines blocked with sediment e. Float stuck in flow meter f. No spring/poppet in bypass valve g. Pump poppet spring/s broken h. Debris under valves in pump i. Wrong spring in non drip valve j. Kinked line k. Pump valve plate faulty	a. .Fill tank b. Clean nozzle c. Clean filter d. Purge lines e. Loosen float and clean flow-meter—use rainwater or fine filter f. Replace g. Replace springs/ poppet h. Clean valve plate– replace if necessary i. Replace with correct spring j. Ensure lines are not bent too short k. Replace valve plate assembly
14. High flow	a. Bypass valve closed b. Wrong pump used or c. Wrong nozzle or altered nozzle d. Tanks & pump not an Enviromist unit	a. Open bypass valve b. Use correct pump or install bypass c. Install new nozzle d. Pressure must be max. of 70kPa (10psi)
15. Flow varies	a. Tank level low or empty b. Loose electrical connection c. Debris under pump valves d. Nozzle partially blocked e. Air in line f. Aerated liquid g. Vehicle electrical supply varies	a. Fill tank b. Check all connections c. Clean valve plate—replace if necessary d. Clean nozzle e. Purge air from line f. Too much tank agitation—reduce g. Check electrical system
16. Consistent motor failure	a. O-rings omitted when assembled	a. Replace O-rings
17. Spray pattern does not reach shroud	Refer to "Low Flow", "CDA spins too fast", "CDA spins too slow"	
18. Gap in spray patter	Refer to No 17	Ensure all heads switched on

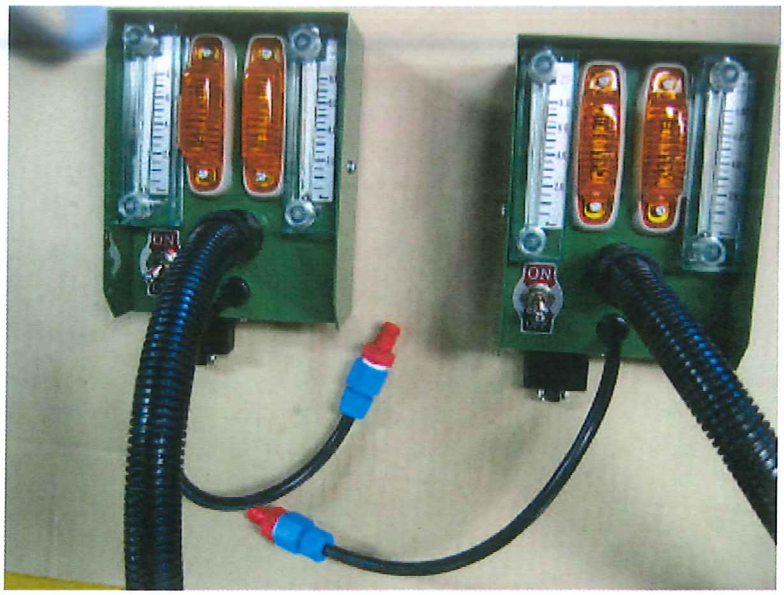
SPRAYDOME 3044 PARTS LISTINGS
PHOTOS AND DRAWINGS



Please refer to drawings later in manual for itemized parts listing.
The drawing overleaf is an interim drawing but all parts for the above 6 Way Backplate are as shown per the 4 Way Backplate drawing apart from the 2 parts shown above.

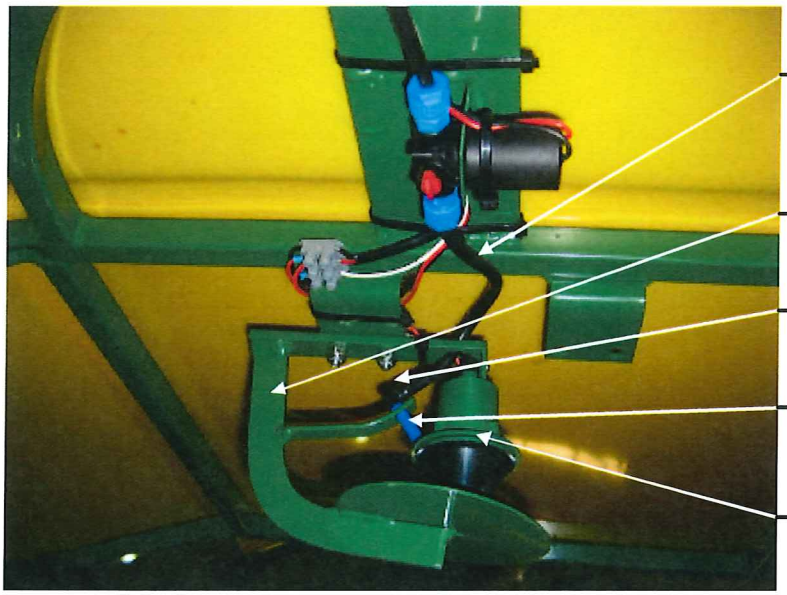
Refer also to ZC020 overleaf for components of the Power Wire assembly.

AA242—6 WAY BACKPLATE



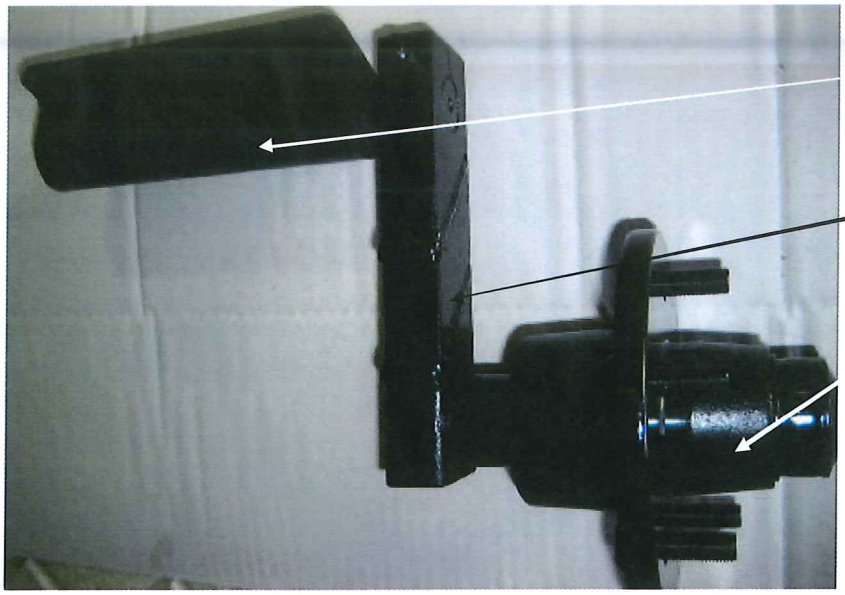
Please refer to drawings later in manual for itemized parts listing.

AA247 TWIN CONTROL UNITS

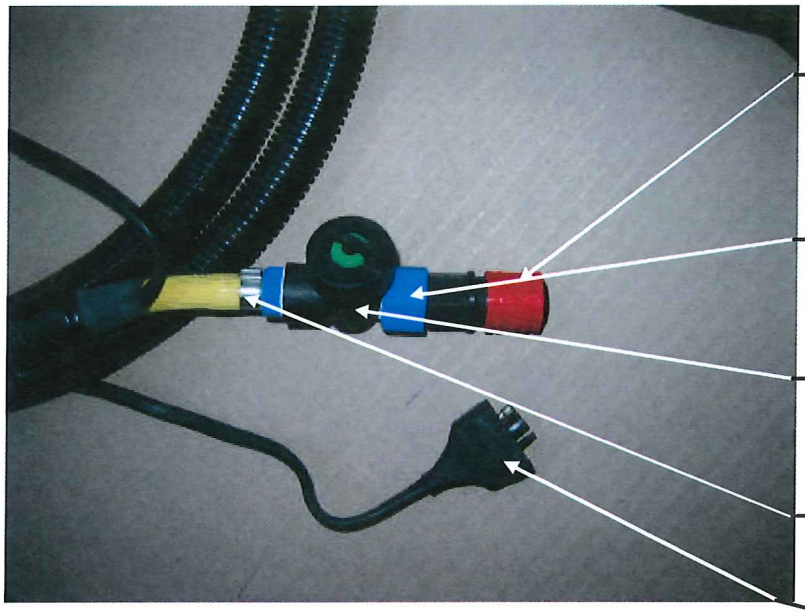


Please refer to drawings later in manual for itemized parts listing of ZD004.

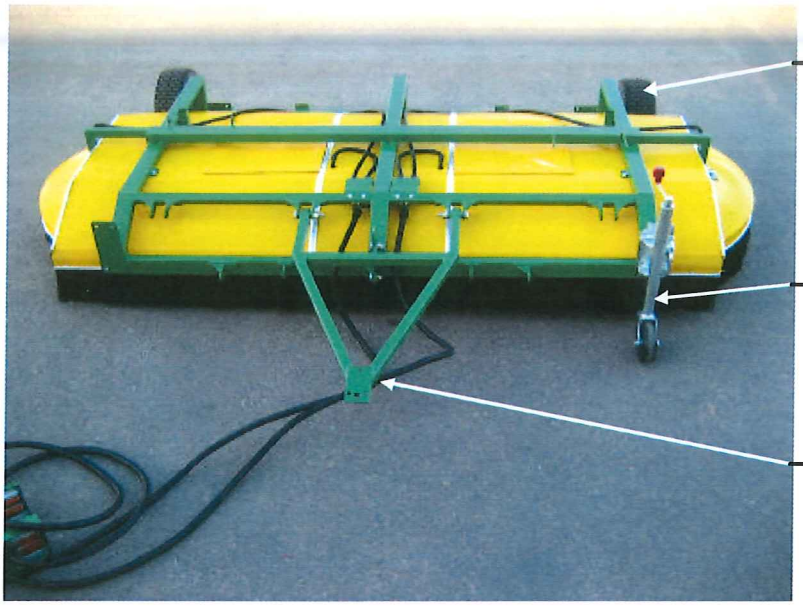
ZS289 CDA HEAD showing ZD004



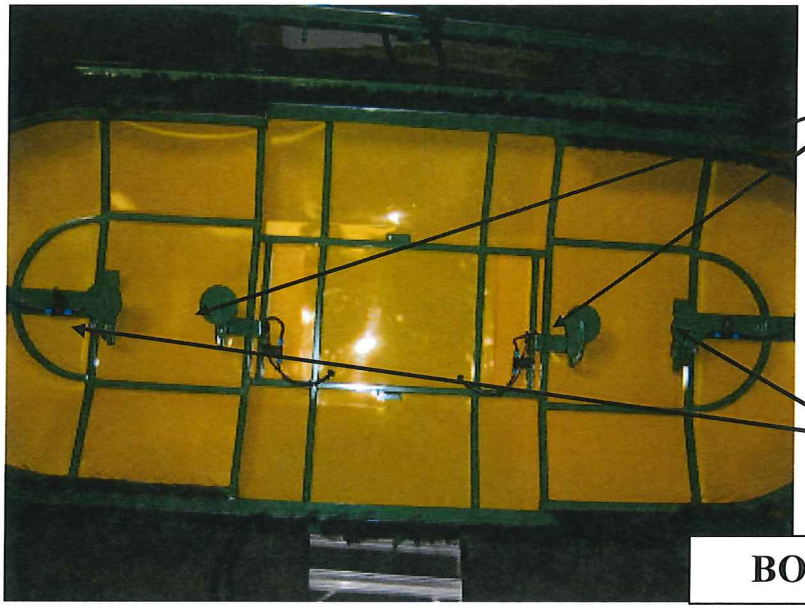
ZS284 SUSPENSION ASSEMBLY



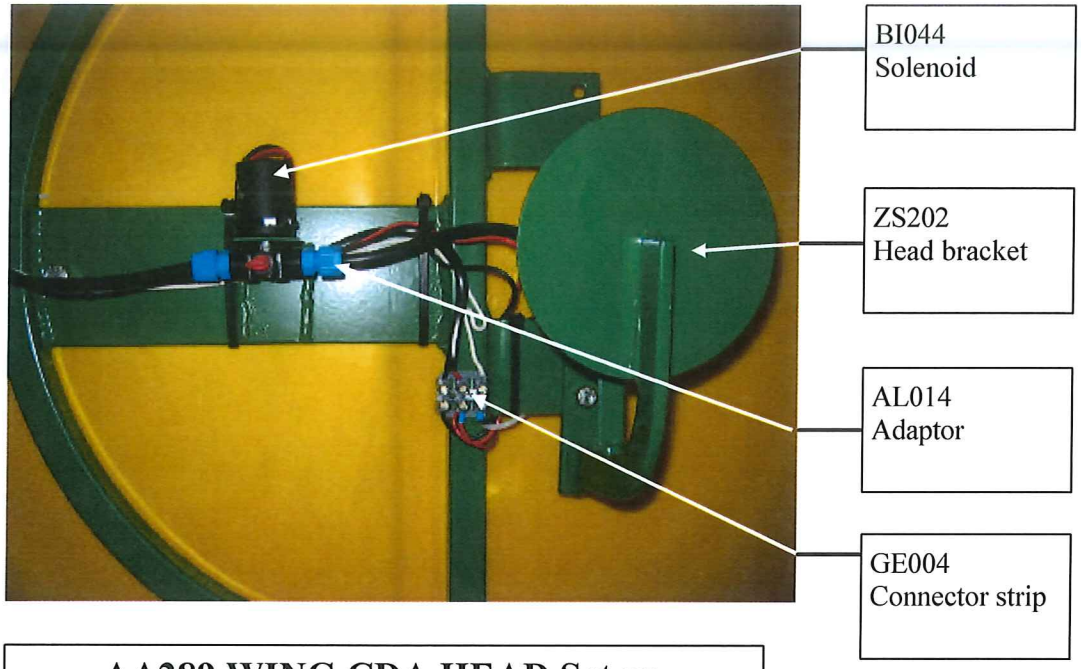
AA TANK HOSE CONNECTOR



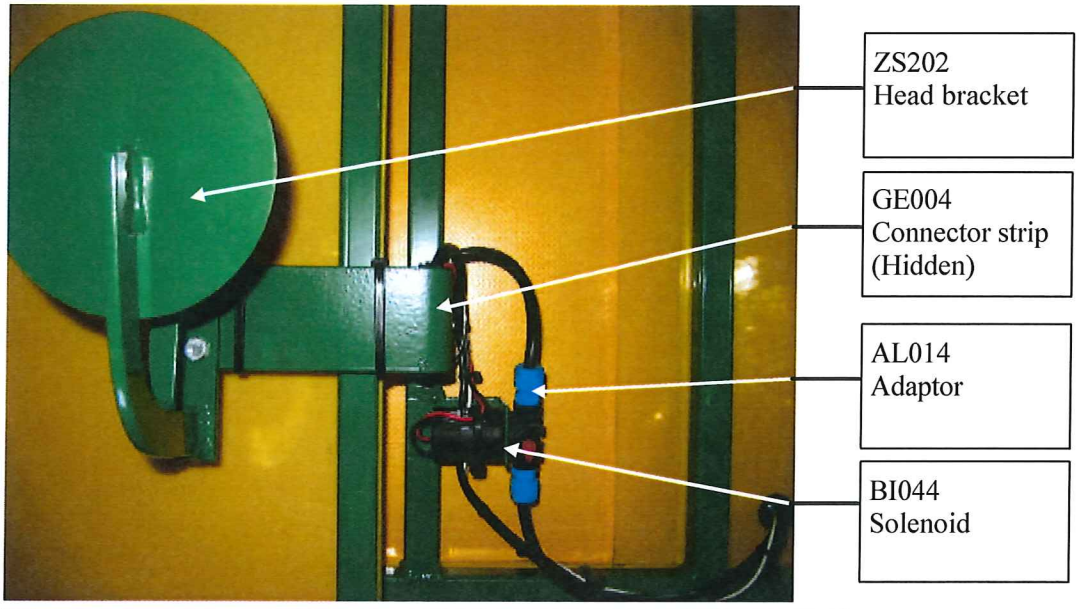
USAA403 TOWED SPRAYDOME 3044



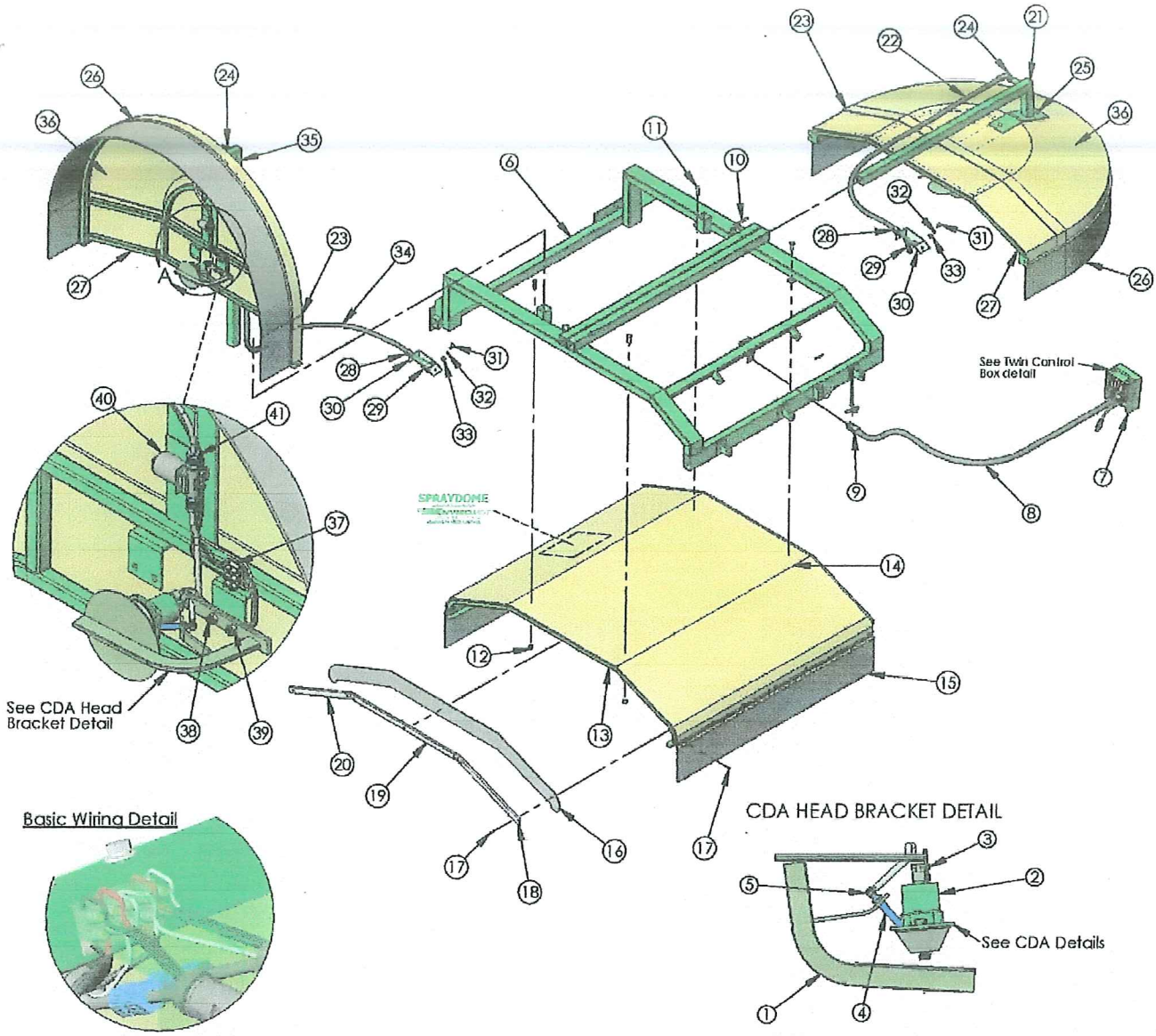
BOTTOM VIEW



AA289 WING CDA HEAD Set up



AA289CENTRE SECTION CDA HEAD Set up



ITEM NO.	PART NO.	DESCRIPTION	ITEM NO.	PART NO.	DESCRIPTION
1	ZS202	Head bracket adjustable sprayers	22	ZS265L/5	15/24 LH Wing Hose & Cable
2	ZD004	CDA Head Complete - Ulva+	23	ZS327/0.180	Modular PolyCover x 180mm
3	UF010	4ABx1/2 G304 SS Pan S/Tapper	24	GE052	Adaptaflex 90 Degree Elbow
4	MI013	Ulva + Feed Nozzle- Blue	25	UF021	3/8BSWx2 ZC Hex Set Screw
5	ZU023	Elbow - EB4 Cut	26	ZS260	Brush + Alum for SD 15/24 - wing
6	ZS250	Main Frame for Adj sprayer	27	ZS259	SD 15/24 uni wing - FRAME ONLY
7	USAA247	Twin Control Box 8 USgph	28	GE038	16mm Nylon Straight Fitting
8	ZS205	4.0m Hose & Cable Assy	29	AL024	Union Connector 6mm
9	GE034	20mm Straight fitting	30	ZS264	Front Mount Plate-16mm Conduit for Adj Sprayer
10	ZU015	Clamp Bolt	31	UF016	1/4BSWx3/4 ZC Hex Set Screw
11	UF019	3/8 x 1 1/4 Bolt	32	UF004	1/4x5/8x18G ZP Flat Washer
12	UF029	3/8 Nyloc Nut	33	UF083	1/4x1/8x1/16 ZP Spring Washer
13	ZS256	Centre Section for SD 15/24 - FRAME ONLY	34	ZS265R/5	15/24 RH Wing Hose & Cable assembly.
14	ZS257	Poly Cover x 1.000m- Adj Spraydome of SD15/24	35	ZS263	SD 15/24 - Slide Inner RH
15	ZS241/15-24	Brush & Alum mount for 15/24	36	ZS328	0.5m Poly End Cover
16	ZS258	Rubber Seal for Adj Spraydomes	37	ZE006	5 way connector
17	UF063	73AS 6-10 Pop Rivet	38	UF045	1/4BSWx1 ZP Hex Set Screw
18	RS044/0.320	320mm Aluminium Extrusion	39	UF028	1/4UNC ZP Nyloc Nut
19	RS044/0.560	560mm Aluminium Extrusion	40	BI044	1/8"BSP 2way Solenoid with Manual Over-ride
20	RS044/0.320	320mm Aluminium Extrusion	41	AL014	1/8BSPx6mm Adaptor
21	ZS263L	SD 15/24 - Slide Inner LH			

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