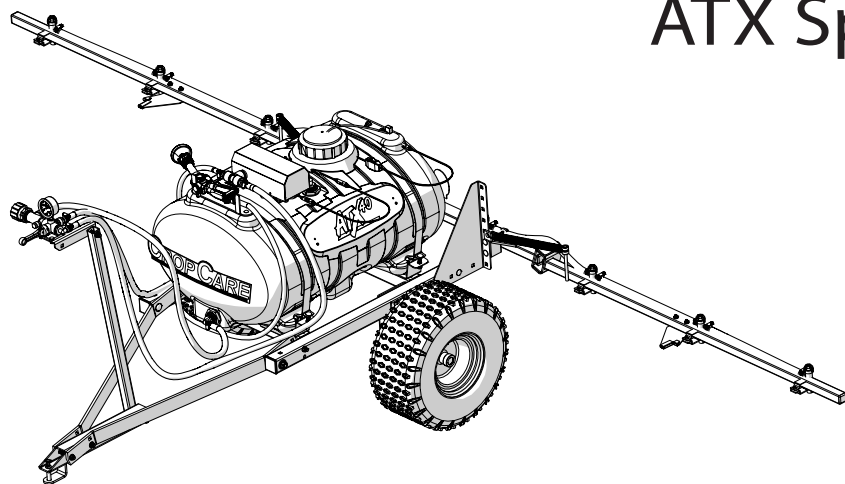


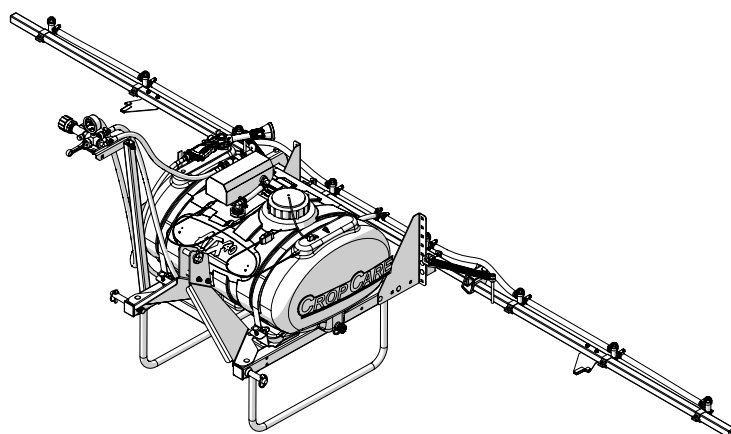


# Owner's Manual

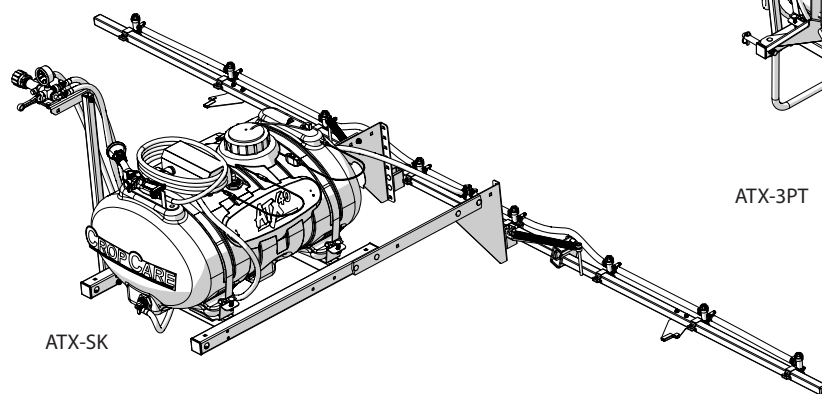
## ATX Sprayer Line



ATX-TR



ATX-3PT



ATX-SK

Manufactured by PBZ LLC  
A Paul B Zimmerman Inc. Company  
[www.CropCareEquipment.com](http://www.CropCareEquipment.com)

Form: ATXOM  
Rev. D Date: 09/21

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# Identification of Machine

- Model #'s: ATX40 & ATX60
- The model number and revision identification decal is located on top of the tank .

## Specifications

### ATX sprayers

Tank capacity ..... 40, 60 gal  
Min power supply ..... 12 volt / 17 amp  
Wiring harness length ..... 96"

#### Pump:

Type.....Diaphragm pump  
Manufacturer ..... Shurflo®  
Max pressure.....60 psi  
Max flow rate ..... 5 gpm

#### Sprayer:

Spraying width (12' boom).....160"  
Spraying width (20' boom).....240"  
Spraying width (30' boomless) .....360"  
Hose length (for handgun) ..... 180"

#### Weight:

40 gallon trailer unit (full) ..... 490 lbs  
60 gallon trailer unit (full) ..... 660 lbs  
40 gallon three point unit (full) ..... 445 lbs  
60 gallon three point unit (full) ..... 615 lbs  
40 gallon skid unit (full)..... 425 lbs  
60 gallon skid unit (full)..... 600 lbs  
12' boom .....30 lbs  
20' boom .....80 lbs  
20' boomless..... 5 lbs

# Before You Begin



Please read and understand this manual and its instructions and warnings completely before operating the sprayer.

- Be aware of all safety guidelines, warnings, and cautions including those of the ATV or utility vehicle that the sprayer may be mounted on.
- Completely assemble the sprayer according to the assembly manual.
- Read and understand the chemical manufacturer's labels, warnings, and instructions.
- Know and fulfill all state pesticide applicator license requirements.
- Familiarize yourself and other operators with the sprayer's components and how all parts are operated.

## Safety Precautions



### General Guidelines

Every year many unnecessary accidents occur due to improper equipment handling and a disregard for safety precautions. You, the operator, can avoid accidents by observing the precautions listed in this section.

- The operator should be a responsible adult. Do not allow persons to operate this sprayer until they have displayed a thorough understanding of sprayer safety precautions and operational use.
- All operators must also fulfill state pesticide applicator license requirements.
- Never attempt to operate this sprayer when under the influence of alcohol or drugs.
- The best defense against accidents is a careful and responsible operator.
- A chemical warning decal and an owner's manual warning decal are located on the sprayer's tank. (Figure 1, Figure 2). Be aware of their location. Always replace any warning or safety decals that are not legible or are missing.
- If there is any portion of this manual that you do not fully understand, please contact the original retailer.

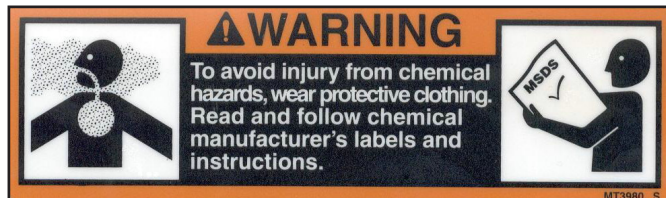


Figure 1: Chemical Warning Decal (DEMT3980)



Figure 2: Owner's Manual Decal (DE39)

# Safety Precautions



## Before Operation

- Carefully study and understand this owner's manual.
  - Read and follow chemical manufacturer's labels, warnings, and instructions! A material safety data sheet (MSDS) should be provided by the chemical manufacturer.
  - To avoid injury from chemical hazards, wear the proper protective clothing. Each chemical manufacturer's clothing requirements are listed under the "Personal Protective Equipment (PPE) section in the chemical instructions.
  - Do not wear loose-fitting clothing which may catch in moving parts.
  - Never exceed the ATV or utility vehicle manufacturer's load rating.
  - Give the sprayer a visual inspection for any worn parts, loose bolts, or other visible problems, and make the necessary repairs. See the maintenance section for instructions (page 11).
  - Make sure the area is clear of any people or obstructions before using the sprayer.
  - Have all operators practice operating the sprayer and its attachments, using clean water only, until all persons are completely capable of safe operation.
- 



## During Operation

- Always be aware of bystanders, particularly children! Always look before moving the sprayer or the ATV or utility vehicle.
  - No passengers are allowed on or in the vehicle or sprayer at anytime.
  - Keep hands and body parts clear of all moving parts.
  - Be aware of dangerous terrain such as holes, slopes, drop-offs, banks, rocks, and hidden hazards.
  - Operate the ATV or utility vehicle and sprayer up and down slopes, not across.
  - Allow for sprayer boom length when making turns.
  - Never leave running equipment unattended!
  - Remember that accidents can even happen to seasoned operators. Always take your time and follow all safety instructions.
- 



## Following Operation

- Following operation, stop the vehicle, set brakes, shut off engine, and remove ignition key.
  - Store the sprayer away from human and livestock activity.
  - Park the sprayer on a hard level surface
  - Do not permit children to play on or around sprayer.
- 



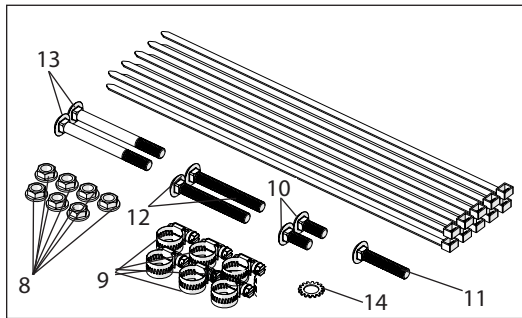
## Pump Safety Precautions

- Never pump flammable or explosive fluids such as gasoline, fuel oil, kerosene, etc.
- NOTE: The pump may be run dry without resulting in damage.
- Always disconnect the power to the pump when working on the pump. Failure to do this could result in electrical shock.

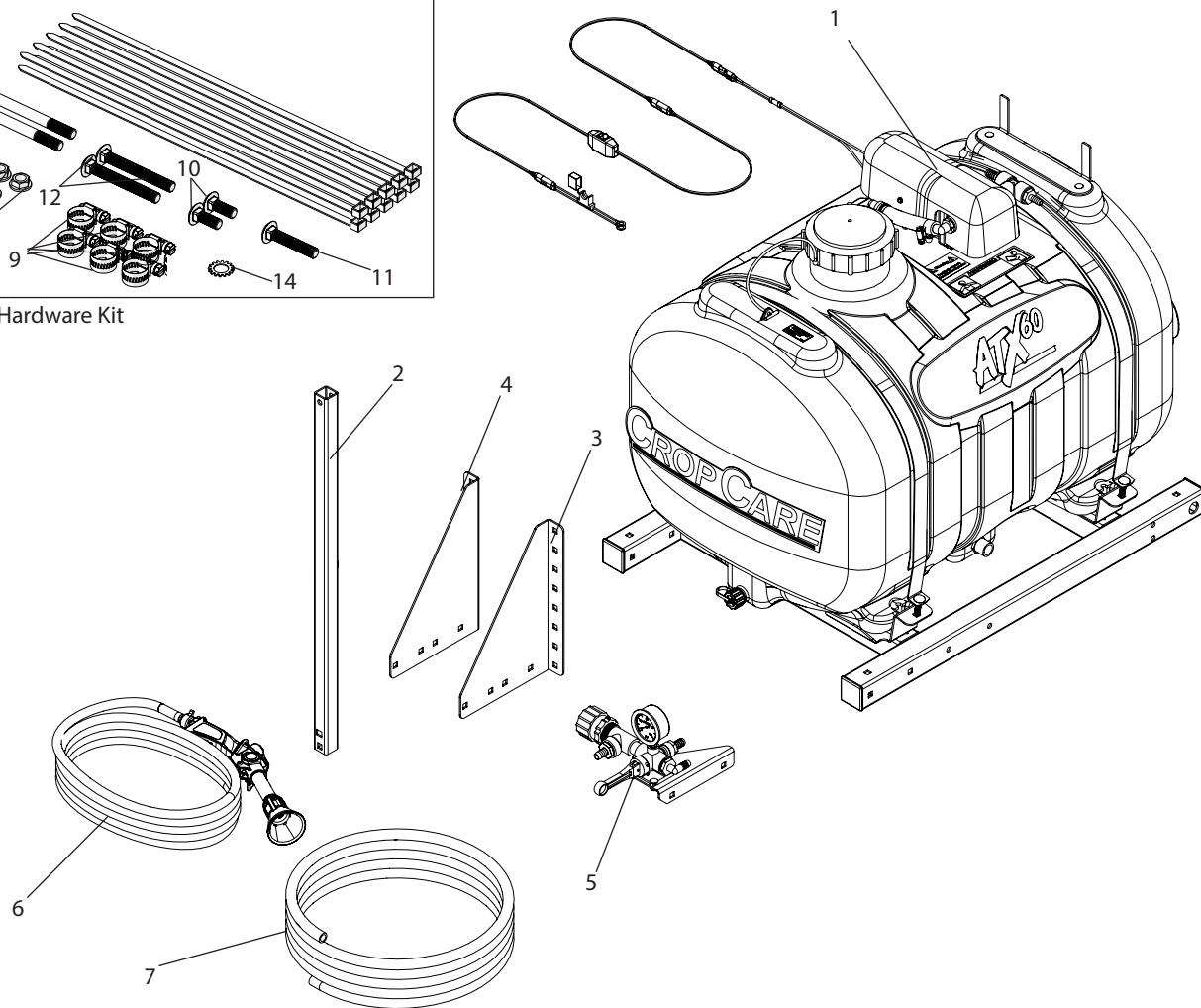
# Assembly Instructions

## ATX40, ATX60 box contents

The ATX base kit comes partially assembled in a box and requires some assembly. Before assembling, ensure that the box contains the necessary components and parts.



ATXHK Hardware Kit



| Item | Qty. | Part Number | Description                          |
|------|------|-------------|--------------------------------------|
| 1    | 1    | --          | Partially assembled ATX base unit    |
| 2    | 1    | T714        | Control post                         |
| 3    | 1    | T702        | Boom mounting angle, right           |
| 4    | 1    | T703        | Boom mounting angle, left            |
| 5    | 1    | CATX-A6B    | Control unit                         |
| 6    | 1    | T740        | Spray gun kit                        |
| 7    | 21'  | 1208        | EPDM rubber hose, 1/2"               |
| 8    | 7    | FN38        | Flange nut, 3/8-16                   |
| 9    | 6    | 6806        | Hose clamp                           |
| 10   | 2    | CB38*1G5    | Carriage bolt, 3/8 x 1", grade 5     |
| 11   | 1    | CB38*2G5    | Carriage bolt, 3/8 x 2", grade 5     |
| 12   | 2    | CB38*3G5    | Carriage bolt, 3/8 x 3", grade 5     |
| 13   | 2    | CB38*334G5  | Carriage bolt, 3/8 x 3 3/4", grade 5 |
| 14   | 1    | EW12        | Tooth lock washer, 1/2"              |

# Assembly Instructions

## Control Unit

1. Attach the control unit (Part # CATX-A6B) (a) to the control post (Part # T714) (b) with the included 3/8" x 2" carriage bolt (c), 1/2" tooth lock washer (d), and 3/8" flange nut (e) (Figure 4).
2. The control post is mounted either on the front of the base frame (ATX-3PT, ATX-SK) or on the trailer hitch tube (ATX-TR).
3. Please see the configuration kit assembly manual for proper control post mounting instructions.
4. The control post can also be mounted anywhere on the piece of equipment being used by drilling two 3/8" holes 1" apart

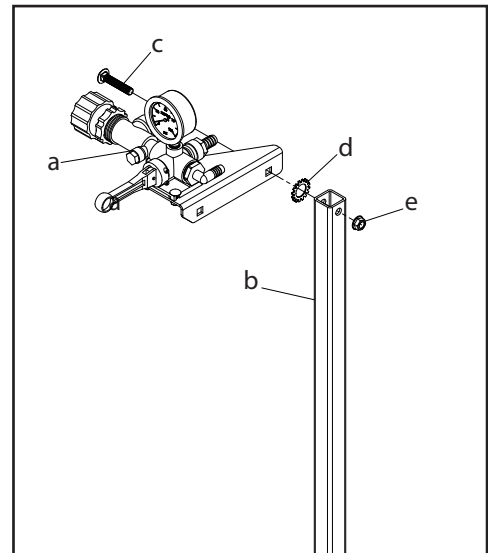


Figure 4: Control unit installation

## Spray Gun Kit

1. Install the Spray gun kit (Part # T740) (a) by connecting the spray gun hose to the 3/8" hose barb (b) with the included hose clamp (c) as shown (Figure 5).
2. The spray is mounted on the sprayer by placing it on the spray gun mounting plate (d) on top of the spray tank as shown (Figure 5).

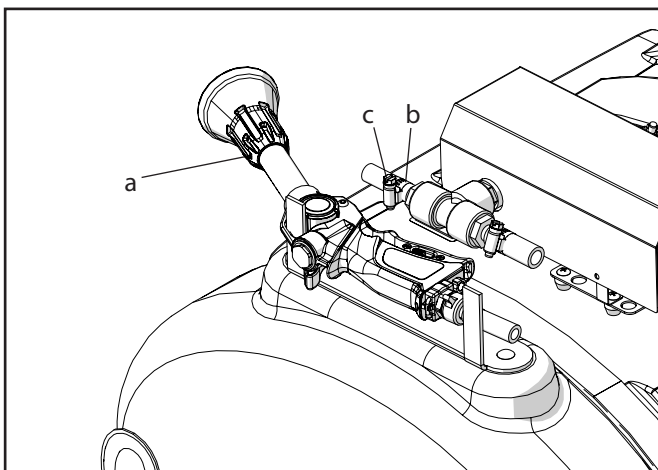


Figure 5: Spray gun installation

## Configuration Kit

Please refer to the assembly manual that is included with the configuration kit for step-by-step instructions on assembling the sprayer.

## Boom

Please refer to the boom manual that is included with the boom kit for step-by-step instructions on assembling the boom.

# Calibrating the Sprayer

NOTE: All calibration needs to be done with water only!

When spraying with the boom, the sprayer must be calibrated to ensure proper spray coverage. Before calibrating the sprayer, it is important to familiarize yourself with the operating instructions (page 10). The calibration process is simplified when broken down into the following three steps:

1. Calculate the speed of the ATV or utility vehicle.
2. Determine the nozzle size and consult the calibration chart for the desired or instructed Gallons per Acre (GPA).
3. Set the the pressure accordingly using the relief valve.

## 1. Calculating the Speed

It is important to determine what speed your vehicle will be traveling at while spraying. While some vehicles may have speedometers, it is still recommended that speed be calculated for all vehicles for accuracy purposes. To determine the speed follow these four steps:

1. Measure a 200 foot or 300 foot distance on a field or a surface similar to where you will be spraying.
2. Drive the equipment and sprayer (half-full is optimal) across the measured distance at a constant rate of speed. There can be no changes in speed while you are measuring the time. This should be a comfortable speed for spraying.
3. Have someone measure the amount of time (in seconds) it takes to travel the measured distance.
4. Your speed can be calculated by entering your data into the equation  $\text{Speed (mph)} = (\text{Distance (ft)} \times 60) / (\text{Time (seconds)} \times 88)$  or by consulting the table to the right.

NOTE: It is helpful for future references to record the exact RPM and gear used to find your speed.

| Speed in MPH | Time required (seconds) to travel a distance of: |          |
|--------------|--------------------------------------------------|----------|
|              | 200 feet                                         | 300 feet |
| 1.0          | 136                                              | 205      |
| 1.5          | 91                                               | 136      |
| 2.0          | 68                                               | 102      |
| 2.5          | 55                                               | 82       |
| 3.0          | 45                                               | 68       |
| 3.5          | 39                                               | 58       |
| 4.0          | 34                                               | 51       |
| 4.5          | 30                                               | 45       |
| 5.0          | 27                                               | 41       |
| 5.5          | 25                                               | 37       |
| 6.0          | 23                                               | 34       |
| 6.5          | 21                                               | 31       |
| 7.0          | 19                                               | 29       |

## 2. Determining Nozzle Size/Using Calibration Chart

The spray nozzles on your sprayer are color-coded to match up with the calibration chart. After you have determined your nozzle size, you need to look at the calibration chart. Using your vehicle speed, nozzle size, and desired gallons per acre (GPA), find the pressure (psi) necessary to achieve your GPA. It is important to note that lower pressure settings will result in less spray drift.

Example: Assume you have found your vehicle speed to be 5 MPH, your nozzles are yellow (XR11002), and you want to spray 10 GPA. Upon looking at the chart, you find that you should set the sprayer's pressure at about 29 psi in order to apply 10 GPA.

# Calibrating the Sprayer

## 3. Adjusting the Sprayer Pressure

You have found the correct pressure setting, but must now adjust the sprayer to that pressure setting. The relief valve (a) controls the sprayer's pressure and is located beside the pressure gauge (b). Before spraying, turn the relief valve and watch the pressure gauge until it reads the necessary pressure (Figure 12). You have successfully calibrated the sprayer.

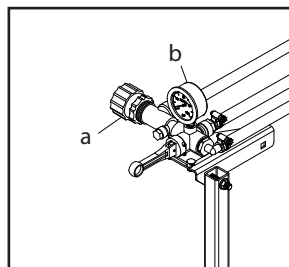


Figure 12: Adjusting the Sprayer Pressure

## Boom Calibration Chart

| Tip Size                               | PSI | GPM of one nozzle | Gallons Per Acre (GPA) |       |       |       |
|----------------------------------------|-----|-------------------|------------------------|-------|-------|-------|
|                                        |     |                   | 3 MPH                  | 4 MPH | 5 MPH | 6 MPH |
| XR110015<br>(Green)                    | 15  | 0.092             | 9.2                    | 6.8   | 5.5   | 4.6   |
|                                        | 20  | 0.11              | 10.8                   | 8.2   | 6.5   | 5.4   |
|                                        | 30  | 0.13              | 12.8                   | 9.7   | 7.7   | 6.4   |
|                                        | 40  | 0.15              | 14.8                   | 11.1  | 8.9   | 7.4   |
| XR11002<br>(Standard size)<br>(Yellow) | 15  | 0.12              | 11.8                   | 8.9   | 7.1   | 5.9   |
|                                        | 20  | 0.14              | 13.8                   | 10.4  | 8.3   | 6.9   |
|                                        | 30  | 0.17              | 16.8                   | 12.6  | 10.1  | 8.4   |
|                                        | 40  | 0.20              | 19.8                   | 14.9  | 11.9  | 9.9   |
| XR110025<br>(Lavender)                 | 15  | 0.15              | 14.8                   | 11.1  | 8.9   | 7.4   |
|                                        | 20  | 0.18              | 17.8                   | 13.4  | 10.7  | 8.9   |
|                                        | 30  | 0.22              | 21.8                   | 16.3  | 13.1  | 10.9  |
|                                        | 40  | 0.25              | 24.8                   | 18.6  | 14.9  | 12.4  |

NOTE: Flow rates are calculated using water.

## Boomless Nozzle Calibration Chart

| Tip Size            | PSI | GPM of two nozzles | Spray Width in Feet |            | Gallons Per Acre 24" Height |       |       |       | Gallons Per Acre 36" Height |       |       |       |
|---------------------|-----|--------------------|---------------------|------------|-----------------------------|-------|-------|-------|-----------------------------|-------|-------|-------|
|                     |     |                    | 24" Height          | 36" Height | 3 MPH                       | 4 MPH | 6 MPH | 8 MPH | 3 MPH                       | 4 MPH | 6 MPH | 8 MPH |
| 1/4XP10<br>(Orange) | 20  | 1.42               | 17                  | 20         | 13.8                        | 10.3  | 6.9   | 5.2   | 11.8                        | 8.8   | 5.9   | 4.4   |
|                     | 30  | 1.74               | 20                  | 22         | 14.4                        | 10.8  | 7.2   | 5.4   | 13.0                        | 9.8   | 6.5   | 4.9   |
|                     | 40  | 2.00               | 22                  | 25         | 15.0                        | 11.3  | 7.5   | 5.6   | 13.2                        | 9.9   | 6.6   | 5.0   |

NOTE: Flow rates are calculated using water.

# Operating Instructions

Before operating the sprayer, it is important that you read this entire manual and know all safety precautions. Always take your time and be alert when operating your sprayer in order to avoid an accident.

## Spraying with the Boom

1. Calibrate the sprayer using the preceding calibration instructions and chart (pages 8-9). This will determine what pressure to spray at in order to achieve the desired gallons per acre (GPA).
2. Fill the tank with some water in order to set the pressure and test for leaks.
3. Start the vehicle and engage the pump by turning on the power switch on the wiring harness. Ensure that there are no leaks in any of the lines.
4. Using the relief valve, adjust the sprayer's pressure to the pressure rating found when you calibrated your sprayer. When you open the boom supply line valve you may need to readjust the pressure.
5. Turn off the pump using the power switch on the wiring harness.
6. You may now fill the tank with the needed amount of water and chemicals recommended by the chemical being used. After the tank is full, close the boom supply valve, engage the pump and allow the water to circulate to ensure proper mixing of the chemicals and water. You are now ready to begin spraying.
7. Upon arriving at the spraying location, open the booms, engage the pump, open the boom supply valve, and make sure the pressure setting is correct.

---

## Spraying with the Spray Gun

1. Fill the tank with some water in order to set the pressure and test for leaks.
2. Start the vehicle and engage the pump by turning on the power switch on the wiring harness. Ensure that there are no leaks in any of the lines.
3. Adjust the sprayer's pressure using the relief valve to your desired setting.
4. Turn off the pump using the power switch on the wiring harness.
5. You may now fill the tank with the needed amount of water and chemicals recommended by the chemical being used. After the tank is full, engage the pump and allow the water to circulate to ensure proper mixing of the chemicals and water. You are now ready to begin spraying.
6. Upon arriving at the spraying location, engage the pump, and make sure the pressure setting is correct. Press the trigger on the spray gun to engage the gun. The tip at the end of the gun can be turned to adjust the spray pattern.

---

## Following Operation

1. Thoroughly rinsing the sprayer of any chemical residue is an important activity. It is recommended to fill the tank with fresh water and engage the spray gun and boom until the system is entirely free of chemical residue. It is important not to rinse the sprayer in an area where humans, animals, or sensitive plants could come in contact with chemical residue.
2. Store the sprayer in a location where it will be away from human or animal activity. Do not allow children to play on or near the sprayer.

# Maintenance Instructions

## Routine Maintenance

It is very important to perform routine maintenance on your sprayer before and after each use. Good maintenance practices will help to guard against any unnecessary sprayer breakdowns or accidents.

1. It is recommended to perform a visual and physical inspection for any worn parts, loose bolts, or other visible problems. Make all necessary repairs before spraying. Contact the original retailer for instructions on ordering parts and technical help.
2. After each use it is important to rinse the pump and all components by running water through the system.
3. Fill the tank with a sufficient amount of fresh water and engage both the spray gun and the boom. Rinsing the pump with fresh water will greatly improve the life of the pump.
4. Always follow all pump safety precautions and warnings (See page 5). Following these guidelines will help to ensure many years of smooth and trouble-free spraying.
5. The suction strainer located on the end of suction hose (ref # 2, page 13) should be inspected and rinsed off on a regular basis.
6. Tip strainers should also be taken out and rinsed after every use. Tip strainers are a small screens that are located behind each spray nozzle on the boom (See boom manual for directions).

NOTE: All rinsate must be sprayed in field according to chemical regulations!

NOTE: Due to normal wear, Teejet® recommends that you replace your sprayer nozzles after every spraying season. Nozzle replacement will ensure accurate spraying performance.

## Winterizing your Sprayer

It is essential that you winterize your sprayer to avoid damage and to allow for optimal performance. The winterization process should be undertaken before freezing conditions and/or after each season of use. Failure to winterize your sprayer will void the manufacturer's warranty.

1. Verify that the tank is empty and rinsed out. Pour 1/2 - 1 gallon of RV nontoxic antifreeze into the tank. It is not recommended to use regular antifreeze. Regular antifreeze can be harmful to humans, animals, crops, and the environment.
2. Engage the pump and spray with the boom and subsequently the spray gun. Make sure that the antifreeze has been pumped through the entire system including all spray nozzles.
3. Store the sprayer in a dry location away from the elements.
4. Before spraying in the spring it is recommended to flush the sprayer with fresh water to cleanse it of the antifreeze and any other buildup. It would also be beneficial to do a thorough inspection of all sprayer components before spraying.

# Troubleshooting

As you use your ATX sprayer, it is possible that you will encounter minor problems that can be easily fixed. The following problems and respective causes and solutions should cover most of the potential problems that you may face. If you are having problems please attempt to use this troubleshooting section to solve the problem. If you are unable to fix the problem please contact the original retailer for service.

| Problems/Symptoms        | Possible Causes                                              | Solutions                                                                |
|--------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------|
| Low Rate of Flow         | Suction Strainer is partially clogged                        | Remove the suction strainer and rinse                                    |
|                          | Tip strainer is clogged                                      | Remove tip strainer and rinse                                            |
|                          | Pump valves are damaged/bad                                  | Replace the valves or contact the original retailer for repairs          |
|                          | Low voltage                                                  | Use a power source with at least 10 amps and 12 volts                    |
| Pump Will Not Prime      | Suction line is clogged                                      | Inspect the suction line for debris                                      |
|                          | Suction strainer is clogged                                  | Remove the suction strainer and rinse                                    |
|                          | Pump is damaged from chemicals not being properly rinsed out | Contact the original retailer for service and pump repairs               |
| Pump Will Not Run        | Fuse is blown                                                | Replace the fuse on the wiring harness                                   |
|                          | Incorrect voltage                                            | Ensure that a 10 amp, 12 volt power source is being used                 |
|                          | Pump pressure switch is malfunctioning                       | Replace the pressure switch or contact the original retailer for repairs |
| No Spray Flow            | Spray tip is clogged                                         | Remove the spray tip and rinse out                                       |
|                          | Suction strainer is clogged                                  | Remove the suction strainer and rinse                                    |
|                          | Tip strainer is clogged                                      | Remove the tip strainer and rinse                                        |
| Pump Pulsates On and Off | Pressure is set above pump limit (45 psi)                    | Lower the pressure with the relief valve                                 |
|                          | Defective pump demand switch                                 | Replace the demand switch or contact the original retailer for repairs   |

## ATX40, ATX60 Breakdown



# Breakdowns & Parts Lists

## ATX40, ATX60 Parts List

| Ref # | Qty.   | Part Number       | Description                                                                         |
|-------|--------|-------------------|-------------------------------------------------------------------------------------|
| 1     | 2.5 FT | 1010              | Hose, EPDM Rubber 5/8" 300 PSI                                                      |
| 2     | 1      | 10416D            | Strainer, Suction 3/8" FPT 40 Mesh                                                  |
| 3     | 1      | 11042             | Gasket, EPDM for 5" Lid                                                             |
| 4     | 21 FT  | 1208              | Hose, EPDM Rubber 1/2" 200 PSI                                                      |
| 5     | 1      | 3A1212            | Adapter, Hose 1/2" MPT x 1/2" HB                                                    |
| 6     | 1      | 3A1238            | Adapter, Hose 1/2" MPT x 3/8" HB                                                    |
| 7     | 1      | 3A3458            | Adapter, Hose 3/4" MPT x 5/8" HB                                                    |
| 8     | 1      | 3EL1258           | Adapter, Hose 90° 1/2" MPT x 5/8" HB                                                |
| 9     | 1      | 3EL3458           | Adapter, Hose 90° 3/4" MPT x 5/8" HB                                                |
| 10    | 1      | 47965             | Extension, Wiring Harness 12" 14 GA                                                 |
| 11    | 1      | 5059-1310-D011-R  | Pump, 5.3 gpm 12V Shurflo 60psi Demand, 1/2 FPT ports (Includes items 10, 12, & 37) |
| 12    | 2      | 506346            | Connector, Wire Butt Terminal 16-14 Ga Insulated                                    |
| 13    | 1      | 60401             | Fitting, Tank 3/4" FPT DBL Tap (Requires a 1-7/16" Hole)                            |
| 14    | 5      | 6806052           | Hose Clamp, 1/2" - 29/32" SS                                                        |
| 15    | 4      | 6810052           | Hose Clamp, 1/2" - 1-1/16" SS                                                       |
| 16    | 1      | 8M12              | Nipple, 1/2" MPT x Close Sch 80 Poly                                                |
| 17    | 1      | 8TT12             | Tee, 1/2" FPT Sch 80 Poly                                                           |
| 18    | 1      | ATC-25            | Fuse, 25 Amp Buss                                                                   |
| 19    | 1      | CATX-A6B          | ATX sprayer control unit                                                            |
| 20    | 2      | CB14*34           | Bolt, Carriage 1/4-20 x 3/4" Gr 2                                                   |
| 21    | 2      | CB38*1G5          | Bolt, Carriage 3/8-16 x 1" Gr 5                                                     |
| 22    | 1      | CB38*2G5          | Bolt, Carriage 3/8-16 x 2" Gr 5                                                     |
| 23    | 4      | CB38*2G5          | Bolt, Carriage 3/8-16 x 2" Gr 5                                                     |
| 24    | 2      | CB38*334          | Bolt, Carriage 3/8-16 x 3-3/4" Gr 2                                                 |
| 25    | 4      | CB38*34G5         | Bolt, Carriage 3/8-16 x 3/4" Gr 5                                                   |
| 26    | 2      | CB38*3G5          | Bolt, Carriage 3/8-16 x 3" Gr 5                                                     |
| 27    | 4      | CC5515            | Plug, Poly Square 2" x 10-14 Ga Black                                               |
| 28    | 1      | DE173             | Decal, ATX60 Model and Revision                                                     |
| 29    | 1      | DE39              | Decal, "Warning Read Owner's Manual                                                 |
| 30    | 2      | DE47              | Decal, CropCare Logo 3.75" x 19.25"                                                 |
| 31    | 1      | DEMT3980          | Decal, "Warning Avoid Injury Follow Labels"                                         |
| 32    | 1      | EW12              | Washer, Lock External-Tooth 1/2"                                                    |
| 33    | 2      | FN14              | Nut, Flange 1/4-20                                                                  |
| 34    | 7      | FN38              | Nut, Flange 3/8-16                                                                  |
| 35    | 8      | FN38              | Nut, Flange 3/8-16                                                                  |
| 36    | 2      | HSS10*12          | Screw, Hex TEK #10 x 1/2" SS                                                        |
| 37    | 1      | HST38*3           | Heat shrink tubing, 3/8" x 3" long                                                  |
| 38    | 1      | T245              | Tank, 60 Gal w/Holes, Decals, Lid Lanyard, Outlet Cap Gasket, and Tether.           |
| 39    | 4      | SBT316*1          | Bolt, Stove Truss Head 10-24 x 1"                                                   |
| 40    | 1      | SHM58BR           | Mender, Hose 5/8" Brass                                                             |
| 41    | 1      | SPT-BCG-1215A-16G | Harness, Battery Connector 14G w/15A Fuse                                           |
| 42    | 1      | SPT-SWH-9615A-16G | Harness, Wiring 8 Ft 14G w/ Switch                                                  |
| 43    | 1      | SPT-WHE-96-16G    | Harness, Wire 8 Ft 14G Extension                                                    |
| 44    | 1      | T701              | Frame, Main ATX40/ATX60                                                             |
| 45    | 1      | T702              | Boom Mounting Angle, Side A                                                         |
| 46    | 1      | T703              | Boom Mounting Angle, Side B                                                         |
| 47    | 2      | T707              | Decal, ATX 60 Gal                                                                   |
| 48    | 1      | T714              | Control mounting post                                                               |

\* Pump breakdown is listed on page 18.

\*\* Control unit breakdown is listed on page 15.

\*\*\* Spray gun kit breakdown is listed on page 16.

\*\*\*\* Agitation line breakdown is listed on page 17.

+ Use T246 (ATX40, Tank) with 40 gallon ATX sprayer.

++ Included as part of T245 (ATX60, Tank) and T246 (ATX40, Tank).

+++ Items in hardware bag.

# Breakdowns & Parts Lists

## ATX40, ATX60 Parts List Continued

| Ref # | Qty. | Part Number | Description                            |
|-------|------|-------------|----------------------------------------|
| 49    | 1    | T719        | Hose holder, tank mounted, top         |
| 50    | 2    | T722        | Bracket, Mounting 40 & 60 Gallon Tanks |
| 51    | 2    | T724        | Tank strap, 60 gallon DenHartog        |
| 52    | 1    | T740        | Gun kit                                |
| 53    | 1    | T741        | ATX Sprayer, Agitation line            |
| 54    | 1    | T752        | ATX Pump Cover                         |
| 55    | 2    | T753        | ATX Pump Cover Tab                     |
| 56    | 1    | 10035       | Lid                                    |
| 57    | 1    | 19024       | Drain cap                              |
| 58    | 1    | 10960       | Drain gasket                           |
| 59    | 1    | 19025       | Drain tether                           |
| 60    | 1    | 10873       | Lanyard, 12"                           |

\* Pump breakdown is listed on page 18.

\*\* Control unit breakdown is listed on page 15.

\*\*\* Spray gun kit breakdown is listed on page 16.

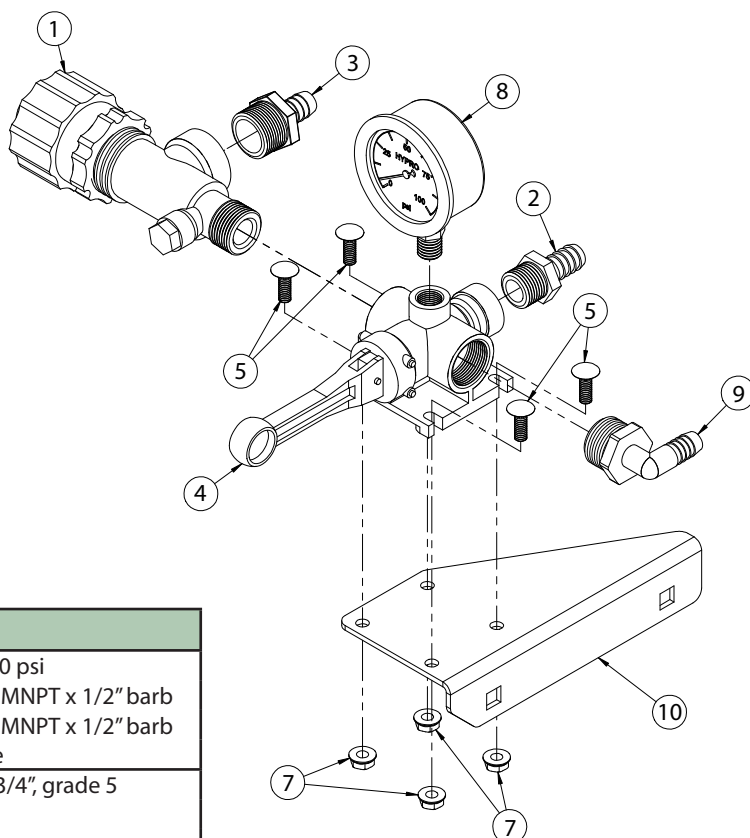
\*\*\*\* Agitation line breakdown is listed on page 17.

+ Use T246 (ATX40, Tank) with 40 gallon ATX sprayer.

++ Included as part of T245 (ATX60, Tank) and T246 (ATX40, Tank).

+++ Items in hardware bag.

## CATX-A6B Breakdown & Parts List

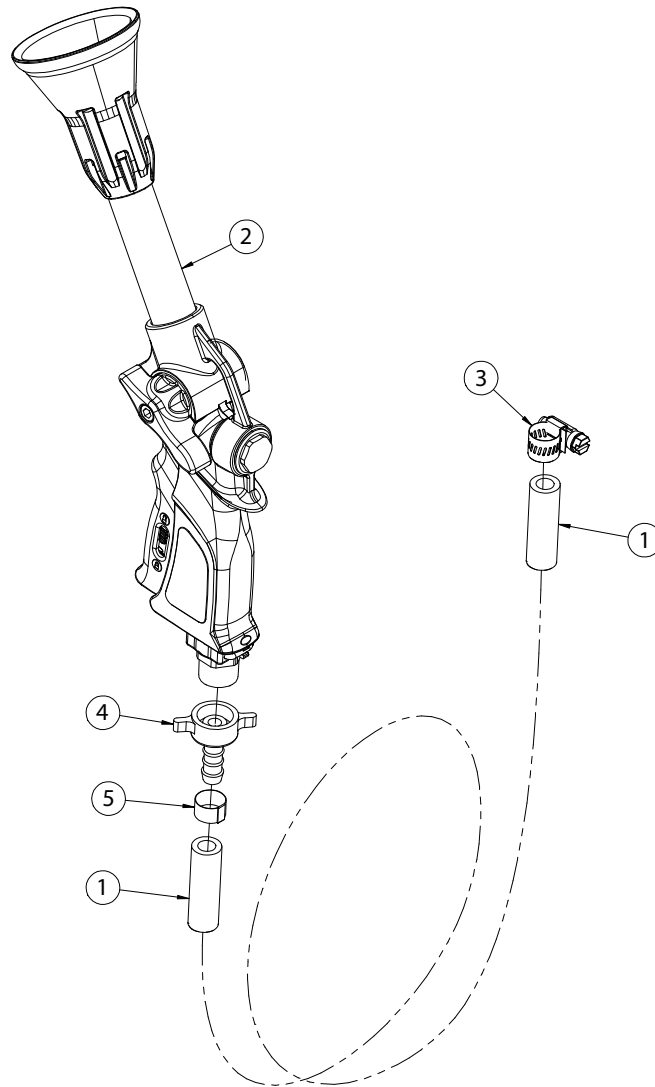


| Ref # | Qty. | Part Number | Description                              |
|-------|------|-------------|------------------------------------------|
| 1     | 1    | 2312034PP * | 3/4" poly relief valve, 100 psi          |
| 2     | 1    | 3A1212      | Poly hose adapter, 1/2" MNPT x 1/2" barb |
| 3     | 1    | 3A3412      | Poly hose adapter, 3/4" MNPT x 1/2" barb |
| 4     | 1    | AA6B        | 6B direct control valve                  |
| 5     | 4    | CB14*34G5   | Carriage bolt, 1/4-20 x 3/4", grade 5    |
| 6     | 1    | CC5518      | Control mount, single                    |
| 7     | 4    | FN14        | Flange nut, 1/4-20                       |
| 8     | 1    | GG100       | 100 psi liquid filled pressure gauge     |
| 9     | 1    | 3EL3412     | 3/4" MP x 1/2" barb poly hose adapter    |
| 10    | 1    | CC5518      | Control Mount                            |

\* Relief valve breakdown is listed on page 17

# Breakdowns & Parts Lists

## T740 Breakdown & Parts List



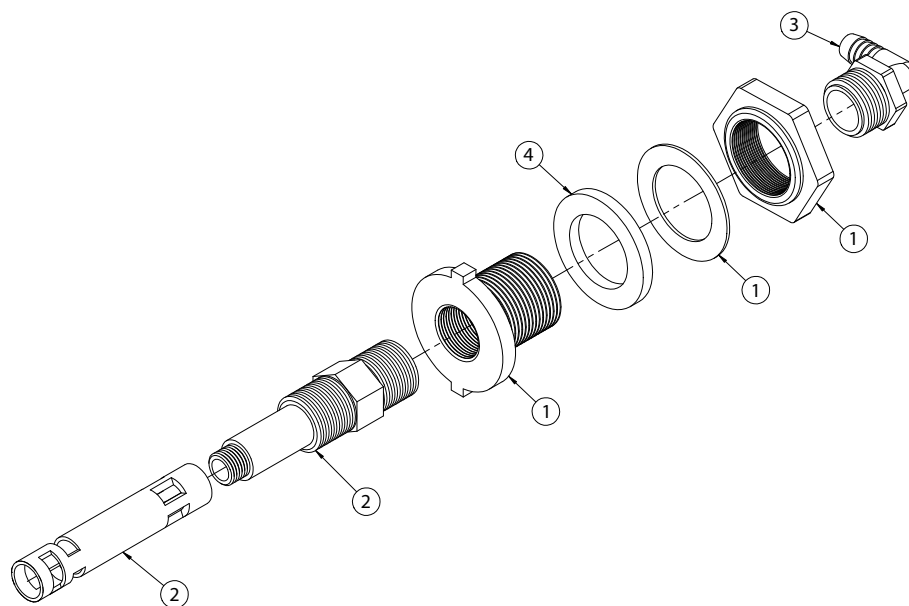
| Ref # | Qty. | Part Number | Description                               |
|-------|------|-------------|-------------------------------------------|
| 1     | 15'  | 1206        | EPDM rubber hose, 3/8" 200 psi            |
| 2     | 1    | 5106006     | * Spray gun, 700 psi                      |
| 3     | 1    | 6806052     | Stainless hose clamp, 3/8"-7/8"           |
| 4     | 1    | 9910110131  | 3/8" hose barb assembly                   |
| 5     | 1    | J201        | ** Band-it clamp, 3/8" x 13/16" stainless |

\* Spray gun breakdown is listed on page 19

\*\* Requires band installation tool. Possible alternate hose clamp part # 62606

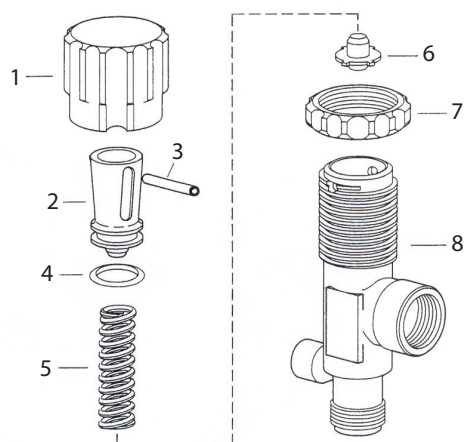
# Breakdowns & Parts Lists

## T741 Breakdown & Parts List



| Ref # | Qty. | Part Number | Description                           |
|-------|------|-------------|---------------------------------------|
| 1     | 1    | 60401       | Tank adapter, 3/4" (Includes ref # 4) |
| 2     | 1    | 33710019    | Jet agitator                          |
| 3     | 1    | 3EL3412     | 3/4" MP x 1/2" barb poly hose adapter |
| 4     | 1    | 60402       | EPDM rubber gasket, 3/4"              |

## Relief Valve Breakdown & Parts List

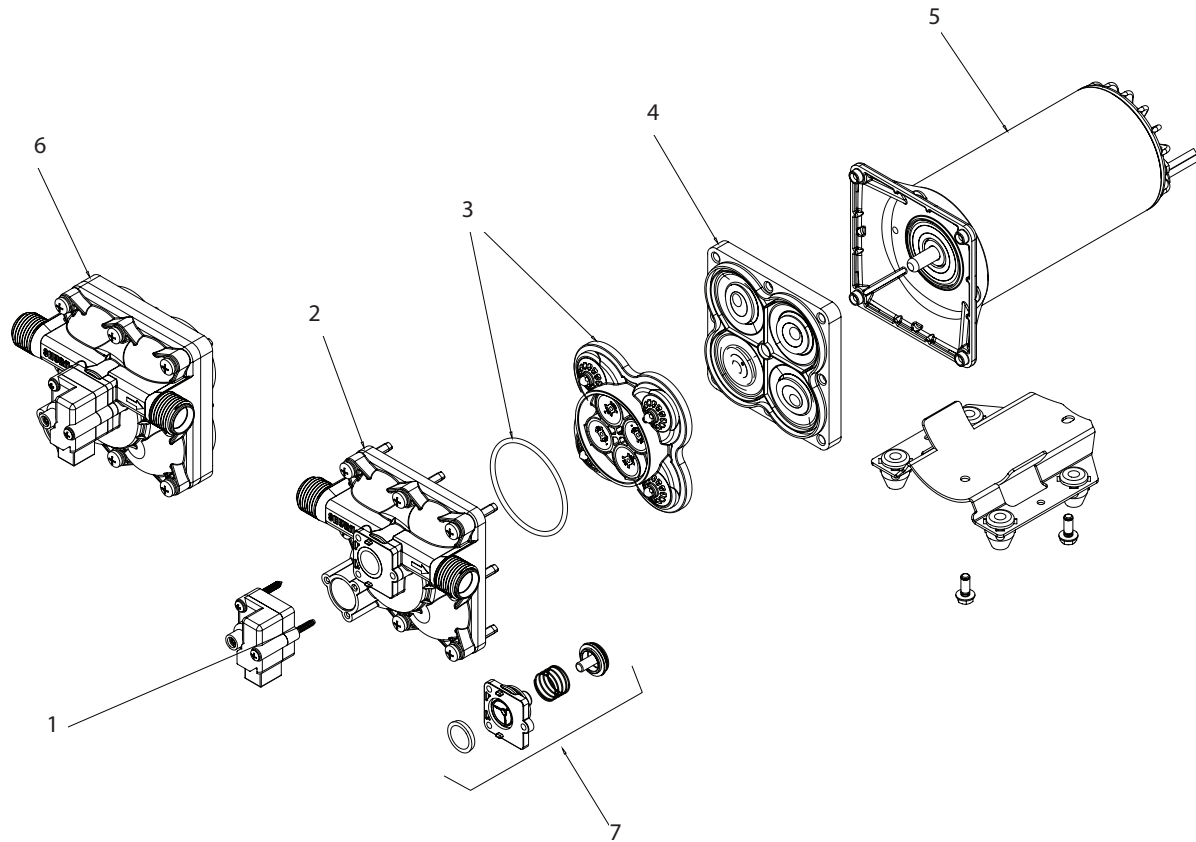


| Ref # | Qty. | Part Number    | Description                                 |
|-------|------|----------------|---------------------------------------------|
| 1     | 1    | CP23122-NY     | Nylon adjusting cap                         |
| 2     | 1    | N/A            | Polypropylene spring retainer               |
| 3     | 1    | *              | Stainless retaining pin                     |
| 4     | 1    | *              | EPDM rubber O-ring                          |
| 5     | 1    | *              | Stainless spring                            |
| 6     | 1    | N/A            | Polypropylene guide seat                    |
| 7     | 1    | CP23123-PP     | Poly lock ring                              |
| 8     | 1    | CP23128-PP     | Polypropylene body, 1/2" MNPT               |
| *     | 1    | PK-AB23120-KIT | Spare parts kit (includes ref. #'s 3, 4, 5) |

# Breakdowns & Parts Lists

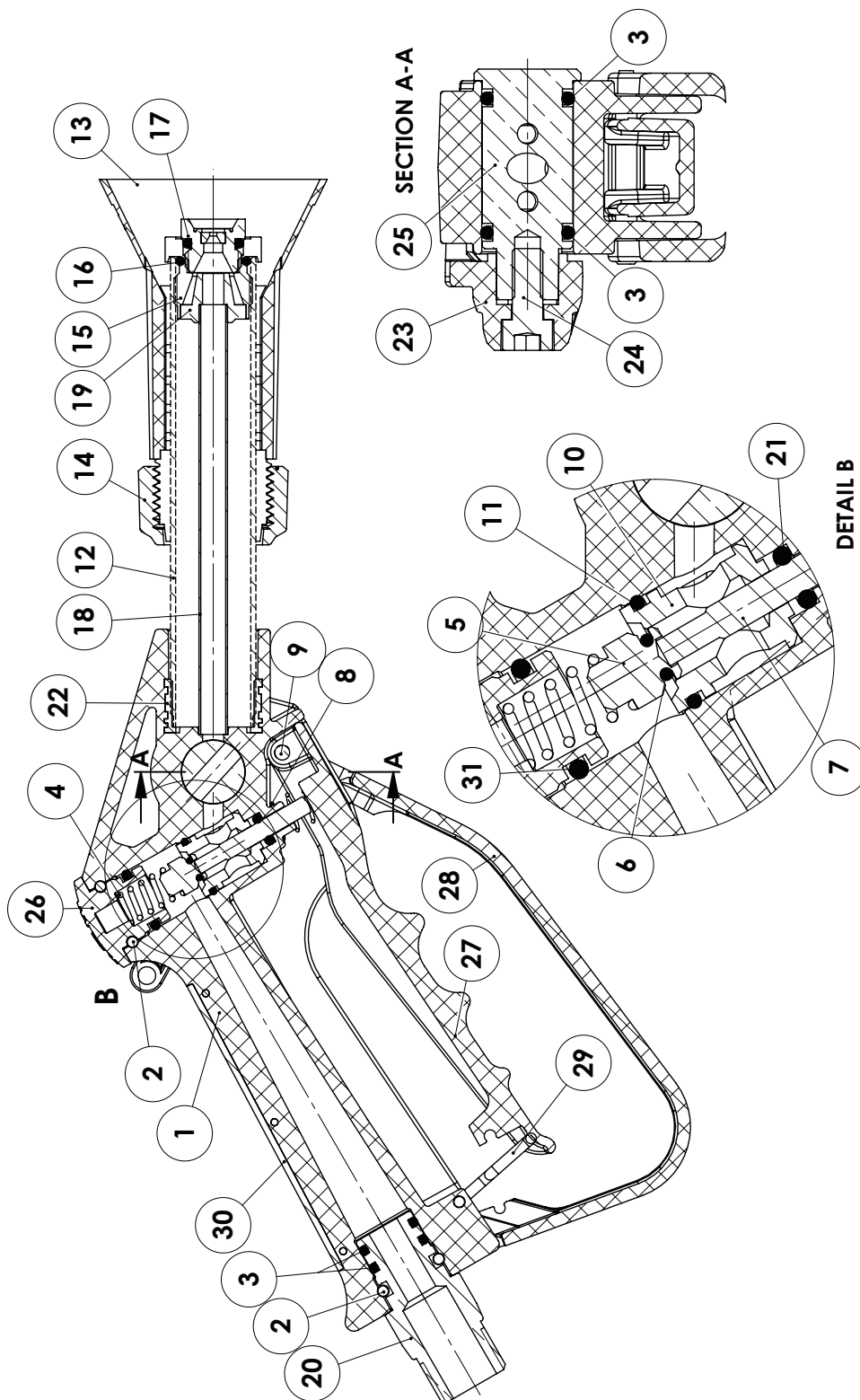
## Pump Breakdown & Parts List

Model: 5059-1310-D011



| Ref# | Qty. | Part Number  | Description    |
|------|------|--------------|----------------|
| 1    | 1    | 94-910-02    | Switch         |
| 2    | 1    | 94-910-11    | Upper Housing  |
| 3    | 1    | 94-910-05    | Valve Assembly |
| 4    | 1    | 94-910-04    | Drive Assembly |
| 5    | 1    | 94-71-000-17 | Motor          |
| 6    | 1    | 94-910-10    | Pump Head      |
| 7    | 1    | 94-910-03    | Check Valve    |

## Spray Gun Breakdown



# Breakdowns & Parts Lists

## Spray Gun Parts List

| Ref# | Qty. | Part Number  | Description                 |
|------|------|--------------|-----------------------------|
| 1    | 1    | OR13-5X2-5V  | Spray Gun Body              |
| 2    | 2    |              | Closing Clips               |
| 3    | 4    |              | Seal Ring 13.5 x 2.5 VITON  |
| 4    | 1    |              | Piston Spring               |
| 5    | 1    | 5106012PP    | Piston Head                 |
| 6    | 1    | OR4-48X1-78V | Seal-ring 4.48 x 1.78 VITON |
| 7    | 1    | 5106012A     | Piston                      |
| 8    | 1    |              | Lever Spring                |
| 9    | 1    | 5106012CS    | Fixing Pin                  |
| 10   | 1    |              | Piston Cage                 |
| 11   | 1    |              | Seal Ring 12 x 2 VITON      |
| 12   | 1    |              | Pipe H132                   |
| 13   | 1    | OR16X2-5V    | Diffuser                    |
| 14   | 1    |              | Diffuser Ring Nut, 1" BSP   |
| 15   | 1    |              | Fitting M22x1.5/m15x1       |
| 16   | 1    |              | Seal-ring 16 x 2.5 VITON    |
| 17   | 1    | 5601006      | Nozzle Head 2 diameter      |
| 18   | 1    | 5106012AT    | Pipe 8x0.5                  |
| 19   | 1    |              | Helix Fitting               |
| 20   | 1    |              | Swivel Connection           |
| 21   | 1    |              | Seal-ring 4.42 x2.62 VITON  |
| 22   | 1    | 5106012S     | Body Insert G3/8"           |
| 23   | 1    |              | Jet Selector Lever          |
| 24   | 1    |              | Screw M6x14 DIN912 8.8      |
| 25   | 1    |              | Selector Kingpin            |
| 26   | 1    | 5106012L     | Body Cap w/ Logo            |
| 27   | 1    |              | Gun Lever                   |
| 28   | 1    |              | Lever Protection            |
| 29   | 1    |              | Lock-Unlock Clip            |
| 30   | 1    | OR13-6X2-7V  | Handle Insert               |
| 31   | 1    |              | Seal-ring 13.6x2.7 VITON    |

# CropCare<sup>®</sup> Limited Warranty

ATX Sprayer Line

## Warranty Coverage

CropCare<sup>®</sup> hereby provides a Limited One (1) Year Warranty on ATX Sprayers, manufactured by CropCare<sup>®</sup>. ATX Sprayers manufactured by CropCare<sup>®</sup> are warranted against any manufacturer's defects in any of the sprayer's components in the 12 months following the original date of purchase.

Defective components will be repaired or replaced at the discretion of the manufacturer. It is the responsibility of the purchaser to return warranted components to the manufacturer. This warranty is limited to the repair or replacement of sprayer components only. CropCare<sup>®</sup> is not to be held liable for incidental or consequential damages of any kind. This warranty covers the purchaser of this sprayer and any other owners who own it during the one year warranty period.

To retain the warranty, the sprayer must be operated and maintained as ascribed by its owner's manual. For warranty service, please have a copy of the purchase invoice available.

## Warranty Is Void if:

1. The sprayer has been subjected to, in the opinion of CropCare<sup>®</sup>, negligent handling, misuse, an accident or if the instructions in the owner's manual were not completely followed.
2. The sprayer's components have been altered in any manner or repairs have taken place with unapproved parts.
3. The sprayer and its components were subject to freezing or freezing conditions. The sprayer must have been winterized as per the maintenance instructions to retain the warranty.
4. A non-compatible chemical was used and/or if the sprayer operator failed to rinse all chemical residue out of the sprayer's components after use.
5. A petroleum-based, oil-based, or flammable product was used and caused damage to the pump, tank, hoses, or any other component.

## Getting Warranty Service

All ATX Sprayer warranty claims must be made through the original retailer. All warranty claims must be submitted with an invoice or a proof of purchase that denotes the purchase date and place of purchase. If you have any questions or comments concerning this warranty, please contact the original retailer.

## Ordering Parts

Please contact the original retailer to order replacement parts for your product.





# ***CROP CARE***

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A Paul B Zimmerman Inc. Company  
[www.CropCareEquipment.com](http://www.CropCareEquipment.com)