

# Cannon Electric Valve Installation

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# Introduction

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The ELCKIT2 is designed to easily fit the Jacto AJ401, J400, J400CHT & J600CHT sprayers.. The electric valve is designed to allow the installer to mount the valve on an appropriate flat surface.. The illustration in this installation manual shows the easiest method to install the valve using the J600CHT as the example but the same principle will be used for the other 3-point cannon sprayers. **Note: This system is designed for 12 volt DC voltage.**

## ELCKIT2 Kits Consists of:

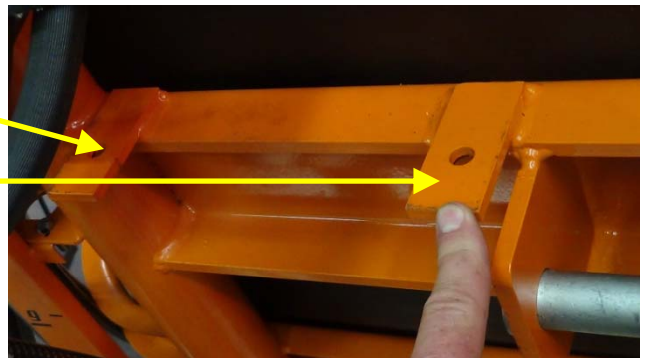
<i>Part Number</i>	<i>Quantity</i>	<i>Description</i>
453724A44T	1	3 Way Valve
91008	1	Controller Single Switch
1032425	2	Straight Hose Barb
1132425	2	90 Degree Hose Barb
G11059	3	O-Rings
919995809	2	Hose 1 inch (m)
902817	2	Male/Female Elbow
212472	1	Seal Washer
910000	1	Single Nipple
908343	1	1" Hose barb fitting
423814	4	Clamp
	2	5/16" X 1" Bolt for Mounting
	2	5/16" Nut
	2	5/16" Lock Washer

# Mounting the electric valve to the sprayer

- Disconnect the 1 inch inlet hose coming from the chemical pump at the manual control valve as shown.



- For the J600CHT, locate the two metal tabs next to the top link pin as shown in the picture.



- Fabricate a bracket using a piece of 3" angle iron by 10 inches long to mount to the tabs on the sprayer frame tabs. This is for J600CHT only. **(Note: Angle Iron not supplied in kit)**



## Installing the Electric Valve

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- The ELCKIT2 comes with two 90 degree fittings and two straight fittings and 3 o-rings to accommodate installation on various 3-point hitch cannon sprayers. **Note:** You will only use 3 out of the 4 fittings.



- Insert the supplied 5/16" bolts, into the slotted holes on the backside of the electric valve and install the electric valve onto the fabricated metal bracket as shown.



# Connecting the Electric Valve to the Manual Control Valve

- Cut the hose, coming from the chemical pump, to the proper length to attach the hose to the bottom fitting on the electric valve. Install the hose onto the electric valve as shown. Tighten the hose clamp.
- **Note: Using a heat gun or hot water to soften the ends of the 1 inch hose can make it easier to install.**
- Using the cut piece of hose from the previous step, or from the hose supplied in the kit; connect one end of the hose to the left fitting on the electric valve and connect the other end to the manual control valve inlet fitting as shown. Tighten the hose clamps.



# Connecting the Electric Valve to the Manual Control Valve

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- Disconnect the bypass hose from the manual control valve as shown.



- Reinstall the bypass hose to the right side fitting on the electric valve.



# Connecting the Electric Valve to the Manual Valve (cont.)

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- Using a 1 ¼" hole saw add a hole to the top of the tank to install the additional bypass fitting as shown.



- Install the supplied bypass fitting into the new hole in the tank as shown.



Tank

# Electric Valve Installed

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- Install the supplied 1 inch hose to the new bypass fitting and tighten with a hose clamp.



- Install the other end of the hose to the bypass fitting on the manual control valve as shown and tighten with a hose clamp

