

Quickstart Installation Guide

Assembly Steps

1. Insert white washer into bottom of gun handle.

2- 3. Screw in air valve assembly and tighten **until just snug**. (Do not overtighten.)

4. Remove chrome nut from air tube connector on controller and slide over clear tubing. Push the tubing onto the connector, then slide the nut down the tubing and screw tightly back onto the connector.

5. Connect the other end of the tube to the powder control valve by pushing it gently into the connector until it seats itself.

6- 7. Connect both ends of the gray gun cable to front of the controller and the gun making sure to screw in chrome nut rings until finger tight.

8-9. Connect Air in fitting and tube to controller, then screw on the appropriate air nipple for your compressor or shop air system (Not included in kit.)

10. On the rear of the controller, remove the wing nut for the ground wire. Slide the 2 ground wire loops (Green/yellow wires) over the stud on the controller and then reinstall and tighten the nut to secure the wires.

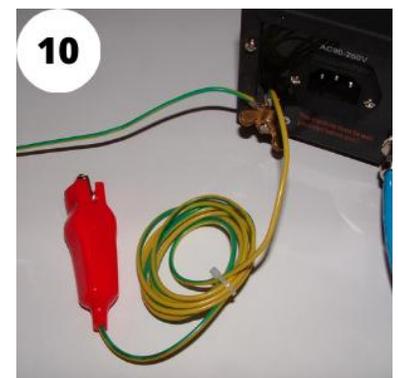
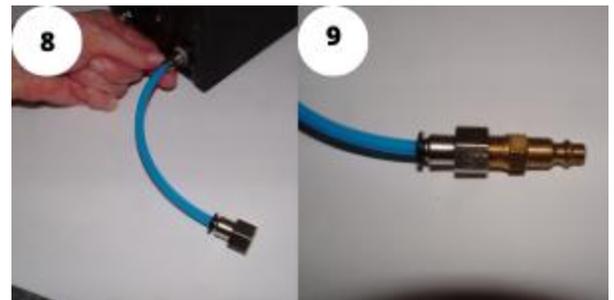
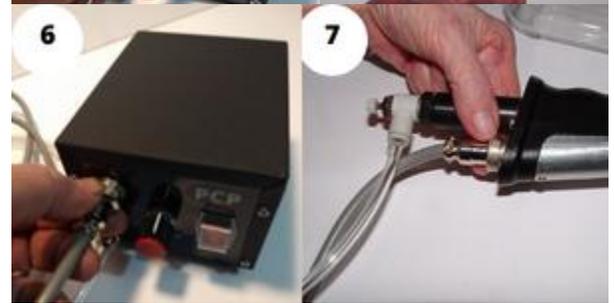
Connect the solid green wire to an **Earth Ground** as close as possible to where you will be using the gun.

IMPORTANT

For best results, we recommend driving an 8' copper rod (available at your local home center) into the ground and attaching one of the ground wires directly to the rod and the other directly to the part or part holder. It is OK to extend either/both ground wire(s) with more similar sized wire if need be.

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If installing a ground rod is not possible in your situation, then just plugging in the power cord on the controller and clipping one of the ground wires to the part will



ground the system safely, however **you will always get better powder coating results with a ground rod installed.**

Using the Gun

1. Fill a powder cup approximately one third of the way with powder and screw onto the gun gently.
2. Select the correct tip for the part you wish to coat (round or flat) and screw onto gun.
3. Set your compressor or shop air to 80PSI and **no more than 87 PSI** and connect it to the gun.
4. Clip the ground wire directly to the part or part holder.
5. Plug the controller power cord into a properly grounded outlet and turn the system on.
4. Clip the ground wire directly to the part or part holder.
6. Pointing the gun away from yourself and the part to be coated, pull the trigger briefly one or two times to start the powder flow, then squeeze and hold the trigger to adjust the powder flow to your liking using the white control valve at the base of the gun.
7. Set the Kv knob to the manufacturer's specification on the powder box and begin coating the part keeping the gun tip 8" to 10" inches away from the part. Remember to **TURN DOWN the KV LEVEL** for each coat you apply after the first coat (1st.)



DO NOT...

Touch the tip of the gun when in use.

Touch the tip of the gun to the part.

Touch the tip of the gun to anything grounded.

Hold tip near ground to create a spark.