

# Resistor Replacement Kit

## Prodigy™ Manual Powder Spray Guns



**WARNING:** Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.



**WARNING:** Turn off the spray gun and ground the spray gun electrode before performing the following tasks. Failure to observe this warning could result in a severe shock.

## Resistor Replacement

### Resistor Removal

1. See Figure 1. Unscrew the lock knob (7) and pull the powder tubing out of the adapter (9).

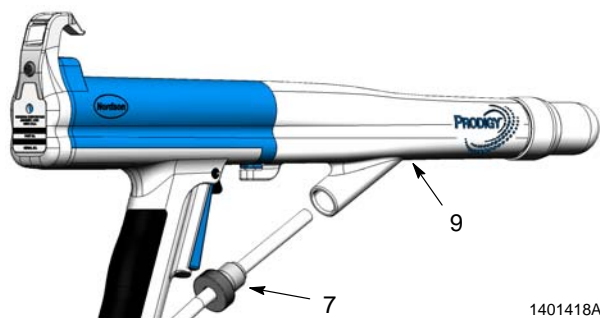


Figure 1 Disconnecting the Powder Tubing

2. See Figure 2. Loosen the set screw (5) in the bottom on the adapter.

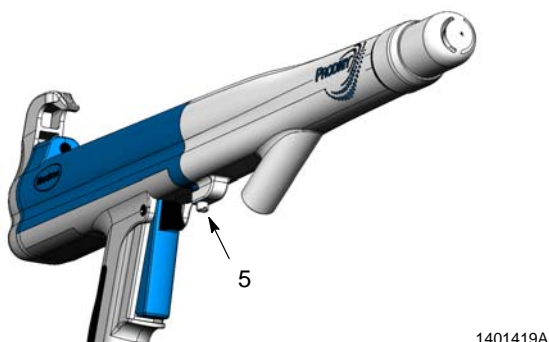


Figure 2 Loosening Adapter Set Screw

3. See Figure 3. Pull the adapter straight off the gun body (14).

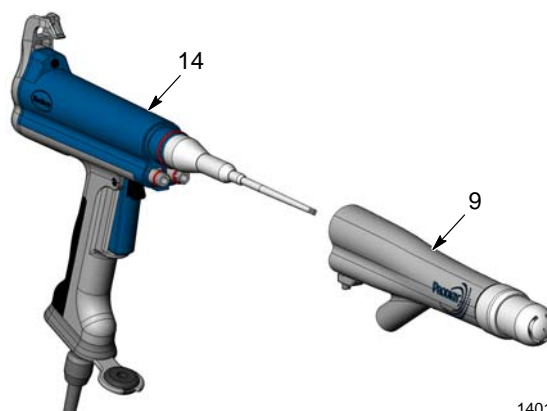


Figure 3 Removing the Adapter

4. See Figure 4. Unscrew the resistor holder (3) from the multiplier (19).

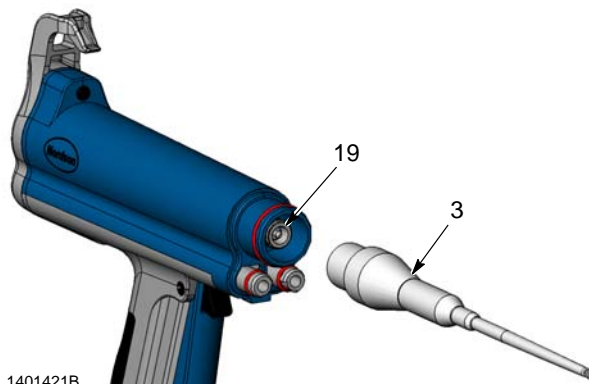


Figure 4 Removing the Resistor Holder

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5. See Figure 5. Remove the contact spacer (18) from the multiplier well. Wipe the dielectric grease off the contact spacer.

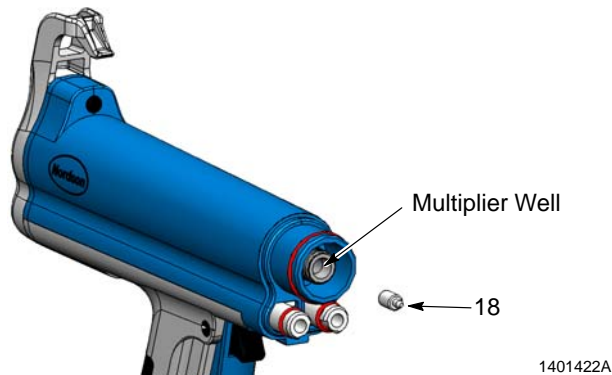


Figure 5 Removing Contact Spacer

6. See Figure 6. Remove the resistor (4) from the resistor holder (3). Clean the resistor holder.

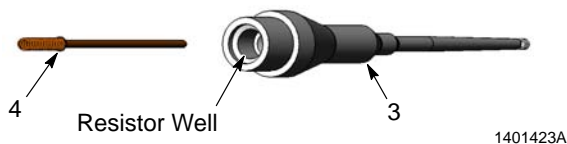


Figure 6 Removing Resistor from Holder

### Resistor Installation

1. See Figure 5. Insert the contact spacer into the multiplier well. Fill the multiplier well with dielectric grease.
2. See Figure 6. Inject approximately 0.6 cc of dielectric grease into the resistor well.
3. Insert the resistor into the resistor holder until it bottoms out, then fill the resistor well with approximately 0.8 cc of dielectric grease.
4. See Figure 4. Screw the resistor holder onto the multiplier.
5. See Figures 3 and 2. Install the adapter on the gun body. Tighten the set screw.
6. See Figure 1. Push the powder tubing into the adapter until it bottoms out. Screw the lock knob into the adapter until snug to secure the tubing.

## Resistor Replacement Kit

To order parts, call the Nordson Finishing Customer Support Center at (800) 433-9319 or contact your local Nordson representative.

Part	Description
1053912	KIT, resistor, cable, series

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