Review full manual instructions prior to use for important safety information. Always check Rockler.com to confirm that you are using the most recent manual version for your product.
GENERAL SAFETY WARNINGS

This product is designed only for specific applications as defined in the instructions and should not be modified or used for any manner not described in these instructions. Use only recommended accessories. Before using the Dust Collection Grounding Kit: READ, UNDERSTAND and FOLLOW ALL INSTRUCTIONS AND SAFETY WARNINGS. KEEP THESE INSTRUCTIONS READILY AVAILABLE FOR FUTURE REFERENCE.

> Always confirm that you are using the most recent version of the Instructions and safety warnings for your product (see the Instructions link on the product page at Rockler.com).

> Before using another tool with this product, always read, understand and follow the instructions and safety warnings in the owner’s manual for that tool. If you do not have the owner’s manual, obtain one from the tool’s manufacturer before using it with this product.

> Before using any chemical with this product, always read, understand and follow all safety warnings and guidelines in the manufacturer’s Safety Data Sheet (SDS; formerly called “MSDS”), especially regarding:
  - How to safely use the chemical, including potential hazards and recommended first aid measures;
  - Personal safety equipment required to safely use the chemical (e.g. gloves, eye protection, mask/respirator, etc.);
  - Proper and safe handling, storage and disposal of the chemical.

> Before using this product, review and verify that all tools to be used with it have safety equipment installed and are in proper working order as defined by the tool’s owner’s manual.

> Do not use this product until you have read and are confident you understand:
  - Product Specific Safety Warnings (p. 3);
  - Parts List (p. 3);
  - Assembly (p. 4).

> The user assumes all risk and responsibility for the proper and safe use of this product and for ensuring product suitability for the intended application.

> It is the sole responsibility of the purchaser of this product to ensure that any anyone you allow to use this product reads and complies with all instructions and safety precautions outlined in this manual prior to use.

> Follow all standard shop safety practices, including:
  - Keep children and bystanders away from the tool operating area;
  - Do NOT use power tools in explosive environments, or in the presence of flammable liquids, fumes or dust;
  - TURN OFF AND UNPLUG all power tools BEFORE making any adjustments or changing accessories;
  - Remain alert and use good judgment. Do not use this product if you are in any way impaired by medications, alcohol, drugs or fatigue;
  - Keep your work area well lit and clean;
  - Dress appropriately. Secure loose clothing, remove all jewelry and tie up long hair before using this product;
  - ALWAYS wear safety glasses, hearing protection and respiratory protection that complies with NIOSH/OSHA/ANSI safety standards;
  - Use dust collection tools and dust face masks to reduce exposure to dust;
  - Use safety equipment such as featherboards, push sticks and push blocks, etc., when appropriate;
  - Maintain proper footing at all times and do not overreach;
  - Do NOT force woodworking tools.

> These warnings and instructions do NOT represent the total of all information available regarding tool safety, use and technique. Always seek out opportunities to learn more and improve your skills and knowledge.

⚠️ WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known of the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

⚠️ DANGER: Danger indicates a hazardous situation that, if not avoided, will result in death or serious injury.

⚠️ WARNING: Warning indicates a hazardous situation that, if not avoided, could result in death or serious injury.

⚠️ CAUTION: Caution indicates a hazardous situation that, if not avoided, may result in minor or moderate injury or property damage.

⚠️ NOTICE: Notice indicates important or helpful information and/or user tips.
PRODUCT SPECIFIC SAFETY WARNINGS

⚠️ WARNING ⚠️

> Unplug all tools to be connected with the Dust Collection Grounding Kit before beginning installation.

> If multiple machines are connected to your dust collection system, it is recommended that you run a wire from each machine to the ductwork junction and then connect it to the wire leading to the dust collector.

> Each piece of power equipment, including the dust collector, must be properly grounded via a three-prong plug for this system to be effective.

> Each piece of wire ending at a machine must be secured to bare metal on the frame of the machine. **There must be metal-to-metal contact for the system to function.**

> When drilling holes for grounding screws in the metal frames of machines, carefully position the holes and take care not to drill into any internal parts of the machines. Failure to exercise care could result in damage to the machines.

> Recommended for use only with permanently installed ductwork.

> If, after reading these instructions, you are unsure that you can install the grounding system properly, please contact a licensed electrician.

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### PARTS LIST

<table>
<thead>
<tr>
<th>Part</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Copper Wire, 50'</td>
<td>1</td>
</tr>
<tr>
<td>2 Grounding Screws</td>
<td>2</td>
</tr>
<tr>
<td>3 3/32&quot; Drill Bit</td>
<td>1</td>
</tr>
<tr>
<td>4 Ring Terminal</td>
<td>2</td>
</tr>
<tr>
<td>5 Twist-on Wire Connectors</td>
<td>5</td>
</tr>
</tbody>
</table>
Assembly

**WARNING**

> Unplug all tools to be connected with the Dust Collection Grounding Kit before beginning installation.

> If multiple machines are connected to your dust collection system, it is recommended that you run a wire from each machine to the ductwork junction and then connect it to the wire leading to the dust collector.

1. Using the included 3/32" Drill Bit (3), drill one hole into the ductwork near the connection with the power tool and another hole near the connection with the dust collector. **Fig. 1.**

2. If you’re connecting more than one power tool to the dust collector, drill a hole in the ductwork near the connection with each tool and another just before the connection to the junction fitting. **Fig. 1.**

3. Run the Copper Wire (1) inside the ductwork from the power tool to the dust collector (or from the tool to the junction fitting). At each hole you drilled, feed the wire out of the ductwork. You will probably need to disconnect your ductwork from the tool and the dust collector to do this. You also will need to cut the Copper Wire into sections if you’re connecting more than one tool.

4. At the ends of the wire where it will connect to the tool or the dust collector, insert the end into one of the Ring Terminals (4) and use pliers to crimp the sleeve for a secure connection.

**WARNING**

Each piece of power equipment, including the dust collector, must be properly grounded via a three-prong plug for this system to be effective.

Each piece of wire ending at a machine must be secured to bare metal on the frame of the machine. **There must be metal-to-metal contact for the system to function.**

When drilling holes for grounding screws in the metal frames of machines, carefully position the holes and take care not to drill into any internal parts of the machines. Failure to exercise care could result in damage to the machines.

5. At each machine connected to the dust collection system, drill and tap a hole into the tool’s metal frame to accept an M5 x 0.8 Grounding Screw (2). Use an abrasive to remove paint from the machine frame around the screw hole, and then attach the Ring Terminal (4) to the frame of the machine with a Grounding Screw.

6. If you are joining wires from multiple machines at a junction fitting, feed the Copper Wires from inside the ductwork out through the holes you drilled earlier near the junction and twist the wires together with one of the Twist-On Wire Connectors (5) to form a secure connection.

7. Seal all holes you drilled in the ductwork with silicone sealer.

8. To further combat the buildup of static electricity, it is recommended that you coil Copper Wire around the outside of the ductwork between machines, joining the sections with a Twist-On Wire Connector at any junction, and securing the ends of the wire to the metal frames of the machines with Ring Terminals and Grounding Screws.

Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com