

SMALL JUPITER KILN SET UP INSTRUCTIONS

Thank you for purchasing an L&L Kiln. This document will assist you in the unpacking and set up of our JD Series Kilns (Models JD18, JD18X, JD23, JD230, JD236, and JD245). This document, as well as the enclosed owners manual will provide all the information you will need to get started with the best kiln in the business. NOTE: IF YOU PURCHASED THE “EASY-LIFT, EASY-LOAD” SPRING LOADED HINGE - SEE THE SUPPLIMENTAL INSTALLATION INSTRUCTIONS. **Happy Firing!**

Step 1. When your Kiln arrives:

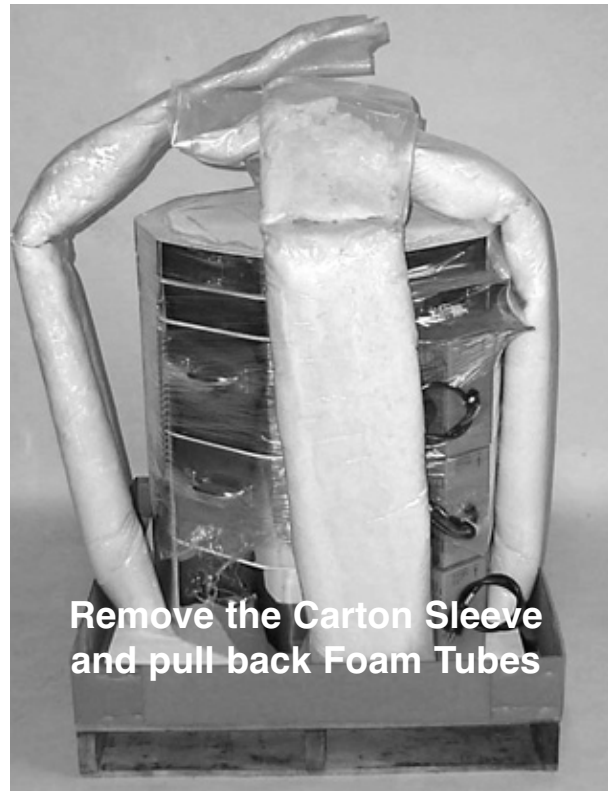
The carton should arrive without visible damage. If the carton was damaged in transit, you should either refuse shipment or unpack the kiln in the drivers presence in order to file a damage report with the freight company. Call our office.

Now you are ready to remove the shell of the kiln carton. Pull the foam tubes away from the kiln and carefully cut and remove the stretch wrap that prevents the kiln from shifting during shipment.

Inspect for visible damage



Remove Top from Carton



Remove the Carton Sleeve and pull back Foam Tubes

Step 2. Unpacking the Carton:

If your kiln shipped with a furniture kit, the shelves and posts will be the first thing you will see after removing the top of the carton, if not, your kiln stand will be on top. Remove top of carton and carefully remove shelves & posts. Remove the kiln stand and assemble it following the enclosed instructions. Place it on the floor in desired location (at least 12” to 18” from walls. Floor must be nonflammable. Read Cautions carefully about this or a fire could result).

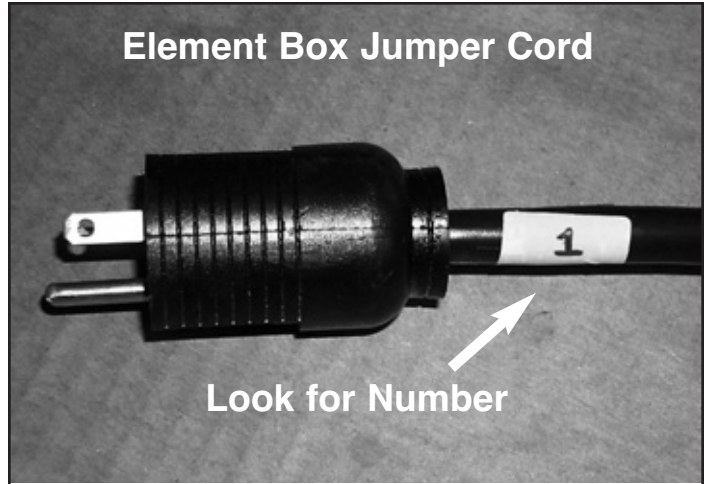
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**Carefully cut
off stretch
wrap**

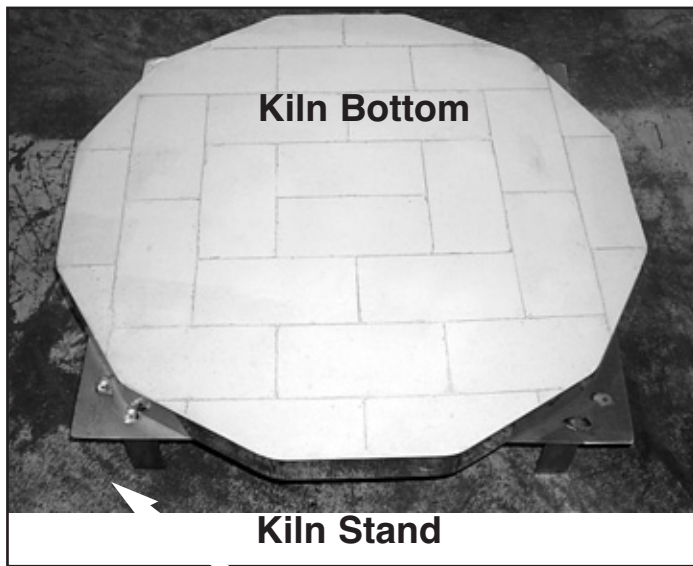
Step 3. Assembling your Kiln:

Now stack the kiln sections in proper order. Open the lid and make sure the side chains (on standard hinge) are not twisted.



Element Box Jumper Cord

Look for Number



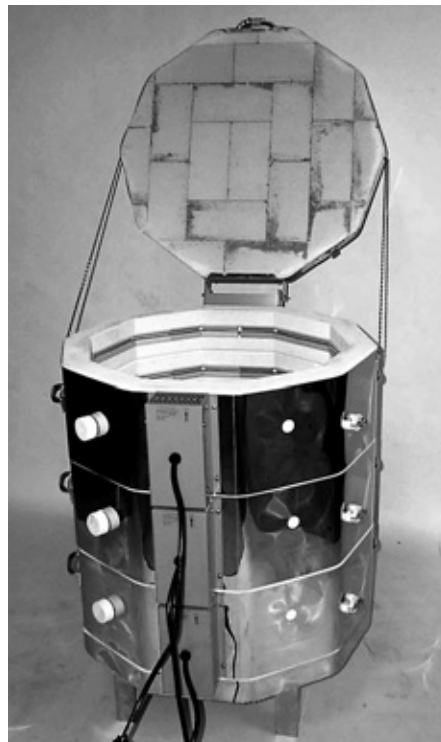
Kiln Bottom

Kiln Stand

Notice that the firebrick floor or base of the kiln is on top. Remove it now and place it on the kiln stand. If needed, level the floor by placing metal shims under the kiln stand legs (do not use flammable shims such as wood).

Next, remove the top section of the kiln with the lid attached and place on a clean flat surface (be careful not to set the kiln section down on the side chains -on standard hinge only). This will be the top section of your kiln.

Notice that each of the three (or more) kiln sections all have numbered power cords (referred to as element box jumper cords). The top kiln section will always be # 1. The bottom kiln section will be # 3 on a 3 section kiln, # 4 on a 4 section kiln, etc.



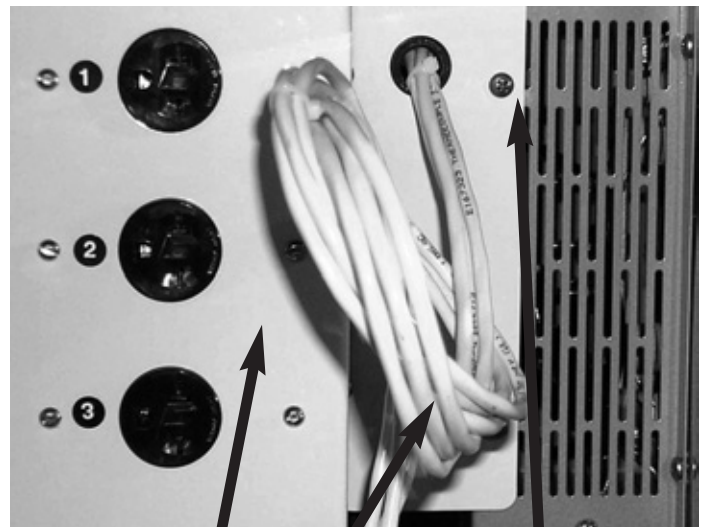
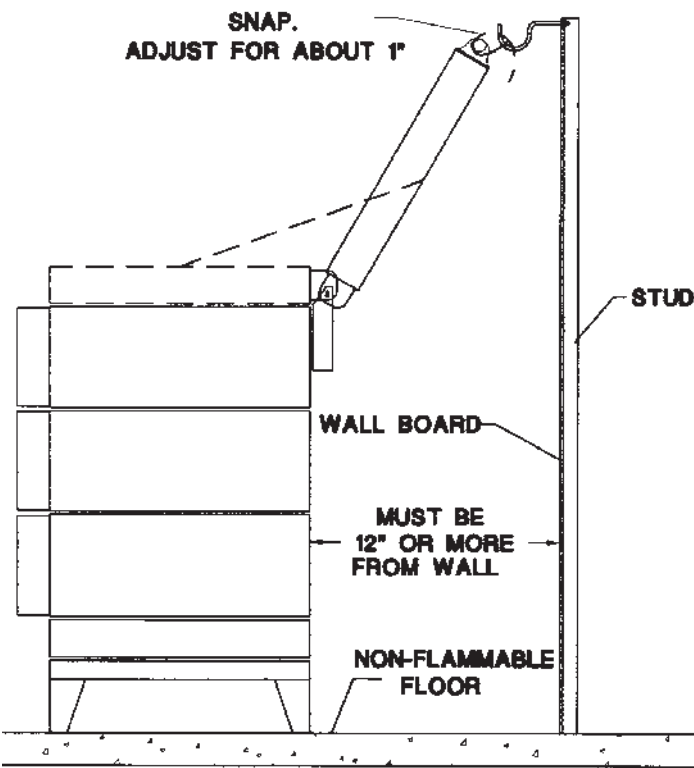
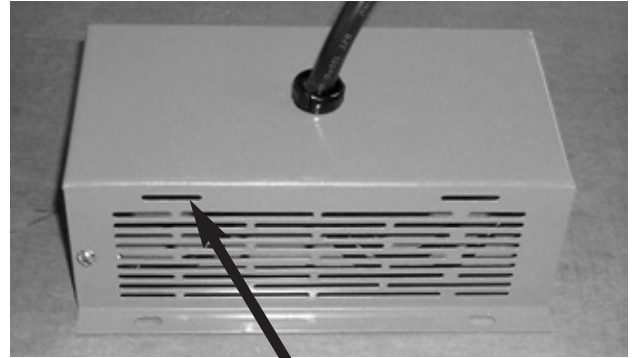
**Stack the
Kiln Sections
in the Proper
Order!**

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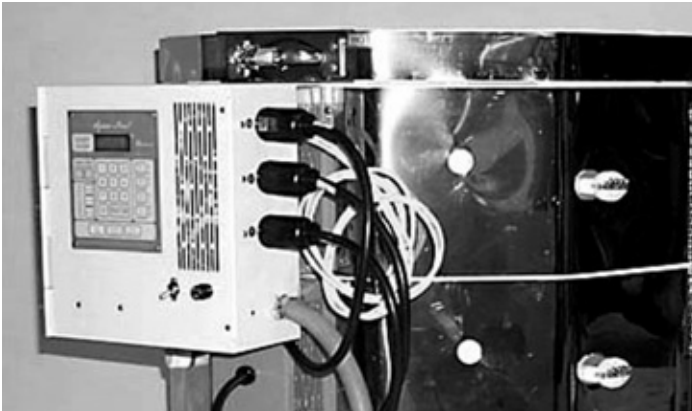


Step 4. Attaching Safety Hook:

A screw hook was supplied with your kiln. This hook should now be screwed into either the wall or ceiling behind the kiln. The chain clip on the lid handle should reach and attach to this hook. (This is an important safety feature)



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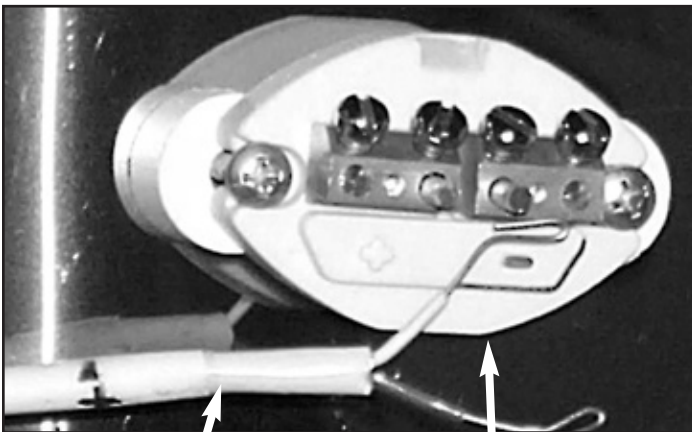


Step 5. Automatic Control Panel:

Now you are ready to attach your Control Panel (multi-zone Dyna-Trol). If you have a manual kiln with a Dawson Kiln Sitter, refer to the Dawson Set Up Instructions.

Notice the slots in your element connection box. Remove the screws from these slots, place the control panel mounting brackets over the slots and replace the screws

Next you will attach the yellow thermocouple lead wires to the thermocouples that are already factory installed on your kiln sections.



Thermocouple
Lead Wire

Ceramic Terminal
Block

Each of the thermocouple lead wires are numbered to correspond with both the kiln sections as well as the receptacles on the control panel. The number 1 thermocouple lead wire must be attached to the top thermocouple and the number 1 element box jumper cord for the top kiln section must be plugged into the number 1 receptacle. **If not done correctly, your kiln will not operate properly.**

To attach the thermocouple lead wire, simply screw the red wire to the negative terminal of the thermocouple and the yellow wire to the positive terminal of the thermocouple. (You can see a “-” mark and a “+” mark embedded in the ceramic terminal).

When attaching the thermocouple lead wires double over the end of the wire about 1/2” - if not already done. This increases the surface area on the wire end and ensures a good connection. Then insert that doubled over end into the appropriate hole on the thermocouple connection block. Then tighten down the set screws to bind tightly on this wire end.

Before firing your kiln, make sure the thermocouple lead wires are not touching the kiln. If these wires burn, your control will not operate properly.

Now you can plug your element box jumper cords into the appropriate receptacles. Start at the top section. The element box jumper cord should be numbered 1, and plugged into the #1 receptacle. The THERMOCOUPLE lead wire on the top section of the kiln must be numbered 1. Repeat these steps for the remaining kiln sections.

Step 6. Attach Kiln to Electrical System:

See the main instruction manual and wiring diagram for instructions. Some kilns plug into a 50 amp receptacle and some need to be direct wired. See your wiring diagram.

You are now ready for your test firing:
See the main instruction manual