

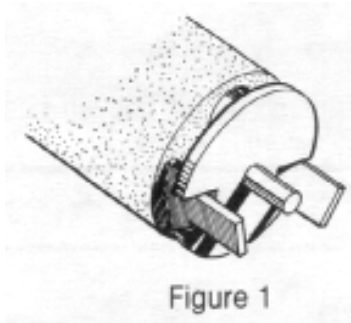
Adjustments

Even if your KILN-SITTER® was adjusted at the factory, it could have been jarred out of adjustment during shipment or delivery. Let's first be sure the KILN-SITTER® is in proper adjustment before using.

Here are some simple adjustment checks for you to make before firing your kiln. We urge you to make them carefully and repeat this check every 30 firings during its lifetime.

1. TURN ALL SWITCHES OFF

2. INSTALL FIRING GAUGE

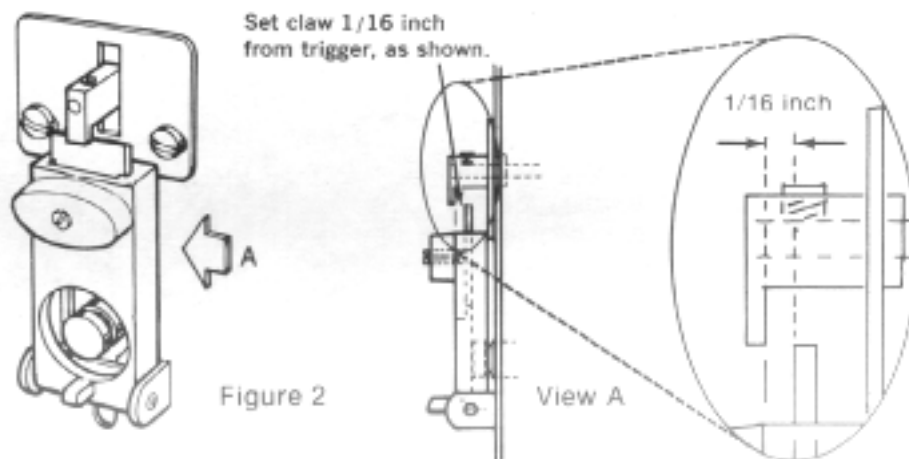


Normally the firing gauge is in position when your kiln is shipped from the factory (held by a rubber band at the end of the KILN-SITTER® tube.) If it has been removed, it should now be replaced over the sensing rod and cone supports, as shown in Figure .

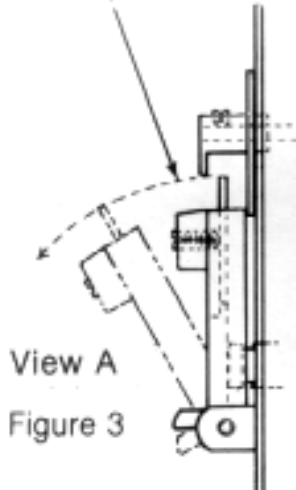
CAUTION : Remove firing gauge before operating kiln.

3. CHECK POSITION OF RELEASE CLAW AND WEIGHT TRIGGER

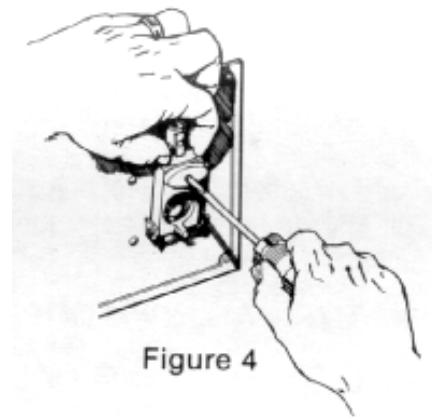
- a. With the firing gauge in position, swing the weight up against the guide plate. Pull the claw forward (against the slight play in the swivel/pivot assembly) and check for a 1/16th-inch clearance between the inside tip of the claw and the face of the trigger as shown in Figure 2. The set screw on top of the claw may be loosened if the adjustment of the claw position is necessary. Retighten the set screw firmly.



Set trigger to just clear claw, as shown.



b. When the weight swings forward, the trigger should just clear the tip of the claw, as shown in Figure 3. The setscrew in front of the weight may be loosened to raise or lower the trigger, as shown in Figure 4. The setscrew must be firmly tightened or the force of repeated falling of the weight may cause the trigger to creep out of adjustment.

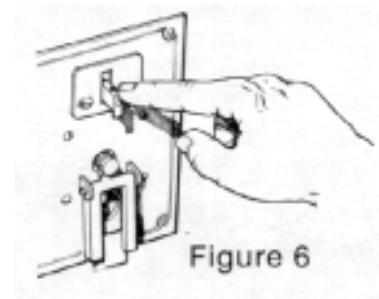
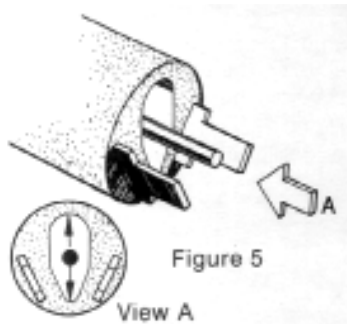


Check your kiln with a level to make sure it is not standing on an uneven floor. If this should occur, your weight may not fall when released.

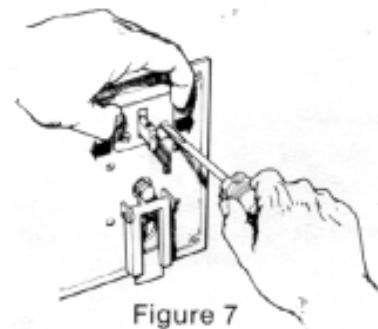
WARNING: Do not fire your kiln over or near FLAMMABLE material (i.e. wood floor, carpeting, etc.)

4. CHECK THE TRAVEL OF THE SENSING ROD

THE FIRING GUAGE SHOULD NOW BE REMOVED BUT KEPT FOR FUTURE PERIODIC ADJUSTMENTS. The sensing rod is now free to travel vertically within the tube cavity. It should travel freely in the center of the cavity without touching the sides at any point, as shown in Figures 5 and 6.



If necessary, the sensing rod may be centered by loosening the two guide plate screws in front of the KILN-SITTER® and moving the guide plate right or left as required, as shown in Figure 7. Be sure the guide plate screws are firmly tightened.



When these adjustments have been made, you are ready to test fire.