

Esse Ironheart Heat Shield Installation Instructions

Tools needed to complete the installation: a pencil, drill and some wrenches to install.

1. Put 2- 2x4s or whatever blocks you can find on the floor behind the stove to set the heat shield on which will raise the heat shield at least 3" off the floor.
2. Set the Heat Shield on blocks, so that the flat bottom of the heat shield is sitting on the blocks and the tapered top is pointed forward towards the stove.
3. Center the Heat Shield with the stove so an equal distance is overhanging each side of the stove.
4. On the bottom of the Heat Shield are two pipes welded on. Line those pipes up with the legs, take a pencil and draw a circle around the pipe where it makes contact with the legs.
5. Either remove the Heat Shield or slide it off to one side so you can get behind and drill holes in the center of the circle mark you made on each leg, using the drill bit provided in your kit.
6. Next remove drill bit and install tap in the drill, on low speed run the tap into the hole you just drilled cutting threads for the bolt you will install, if you have oil, motor, vegetable, putting a drop on the tap will make it cut better. Repeat this process on the leg on the other side.
7. Line up the heat shield and thread the bolt in, loosely, but tight enough to hold the Heat Shield in place, leaving the blocks underneath to support Heat Shield.
8. Next you need to take the two loose pipes out of your kit, one goes on each side at the top outside edge of the stove, the existing heat shield that came from the factory remains in place. There is a notch on either side that has pre drilled holes in the stove that allows for the installation of the warming oven if you have that option. Line the pipe space up so it is in-between the existing holes. You need to drill new holes. Push the Heat Shield up against the stove so that the spacer holds the heat shield away from the stove the same distances as the ones bolted to the legs below. Draw a circle around the pipe spacer on the stove and the heat shield on both sides of the stove. Remove the pressure allowing the Heat Shield to tip back away from the stove. You should have two circle marks on the stove and two on the heat shield. Set the pipe space out of the way and remove the bolts from the lower holes allowing the Heat Shield to either be removed or slid out of the way so you have access to drill and tap the stove in the center of the circles you just drew.
9. Drill a hole in each corner in the center of the circle you just drew in the Heat Shield.
10. Next put the Heat Shield back in place. Insert the lower bolts and snug up with your fingers. Insert upper bolts in hole you drilled in the Heat Shield and thread them into the Ironheart. Snug them up with your fingers. Then go back and tighten with a wrench, do not over tighten, they just need to be snug enough to hold the Heat Shield in place. Remove the wood blocks under the Heat Shield, you are done.

