



Bottom Heat Shield

Installation Instructions

For the Defiant* (Models 0019/0027**), Vigilant*, Resolute, Intrepid and Intrepid II

Please read these instructions completely before you begin the installation.

***NOTE: Defiant and Vigilant Owners** - These instructions are for stoves purchased after March 1, 1980. Contact your Vermont Castings' Authorized Dealer to obtain the correct instructions and hardware for stoves purchased before March 1, 1980.

Bottom heat shields must be used unless the stove is to be situated on a completely noncombustible hearth, such as unpainted concrete over earth.

Clean all heat shields as needed (or at least annually) so they will continue to reflect heat adequately. In addition, check all leg bolts annually to be sure they are secure. For complete information on floor protection, refer to the installation section of your Owner's Manual.

Tool needed: Open end wrench, 9/16"

Materials Provided:

Standard Legs

All Stoves: Bottom heat shield (1), C-brackets (4), 1/4-20 x 1/2" wing screws (4)

Short Legs

Defiant / Vigilant: Bottom heat shields (2), C-brackets (4), 1/4-20 x 2" threaded studs (4), 3/8" spacers (4), hex nuts (4), wing nuts (4)

Resolute / Intrepid / Intrepid II: Bottom heat shields (1), C-brackets (4), 1/4-20 x 1/2" wing screws (4)

**Not applicable to Defiant Model 1910, which has glass panels in its front doors. Defiant Models 0019 and 0027 do not have glass panels.

Preparation

1. Remove all accessories from inside the stove; lift off the griddle, load door and front doors.

Defiants and Vigilants shipped from the factory have a wooden wedge inside the stove to hold the damper closed during shipment. Leave this wedge in place until after the legs are installed.

2. With assistance, remove the stove from the pallet and place it close to its installed location. If your stove has a porcelain enamel finish, use a piece of cardboard or a drop cloth to cushion the ash lip and top plate.
3. If the stove is already installed, disconnect the chimney connector.
4. Tilt the stove into a secure reclining position. It will require at least two people to tilt the stove and a third to steady it from the front.

For the Defiant, Vigilant and Resolute, tilt the stove forward over the ash lip until the top plate rests on the floor.

For the Intrepid and Intrepid II, tilt the stove back to rest on the pallet or wooden blocks.

One-half inch screws were installed in the leg bolt holes to stabilize the stove during shipment. Remove and discard them. The appropriate leg bolts are packed with the stove legs.

Attach the Legs

Attach the legs to the stove loosely using one washer per leg. They will be tightened firmly later in the installation.

For all stoves except the Vigilant, use the silver-colored 3/8" x 1" leg bolts. For Vigilants, use the silver-colored 3/8" x 1 1/2" bolts.

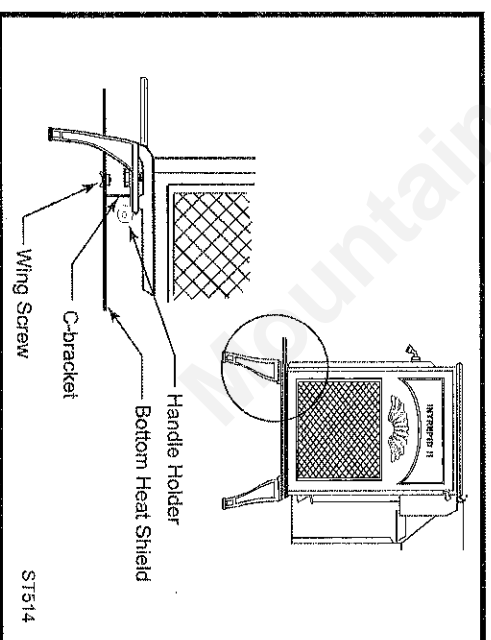


Fig. 1 Rotate the two front C-brackets so that they slide over the leg bolts between the washer (or handle holder) and the legs.

For all stoves, use the handle holder instead of a washer under the bolt that secures the right front leg. Pass the bolt through the leg and handle holder, and loosely thread the bolt into the bottom of the stove.

Installing the Single Bottom Heat Shield

Set the shield on the floor with the hemmed side up and the tapered portion of the shield extending under the ashlip.

NOTE: The Intrepid bottom heat shield is 10 $\frac{3}{4}$ " across the front edge and 9 $\frac{3}{4}$ " across the back.

Insert the wing screws through the shield holes from the shield's hemmed side and hand-tighten them into the C-brackets.

Lift the shield into position with the long, tapered portion of the shield under the ash lip.

Rotate the two front C-brackets on the shields so that they slide over the leg bolts between the washer (or handle holder) and the legs, as shown in Figure 1.

Rotate one of the rear C-brackets into position. Hold the corresponding leg in position and tighten the leg bolt. Repeat this procedure for the other rear leg.

Hand-tighten the shield screws, then go back and tighten all the leg bolts until firm.

CAUTION: Overtightening can strip the leg bolt threads.

Installing the Double Bottom Heat Shields

Set the larger shield on the floor with the hemmed side facing up. Set the smaller shield over the larger shield (hemmed side up) and align the mounting holes.

From above, insert one of the 2" threaded studs and slide a spacer over the stud. Insert the end of the stud through the corresponding hole in the larger shield, and then through the C-bracket; secure loosely with a hex nut.

Repeat this procedure for the other hole positions so that the two shields are held together loosely.

Lift the shields into place with the long, tapered portion of the larger (upper) shield facing downward under the front ash lip.

Rotate the two front C-brackets on the shields so that they will slide over the leg bolts between the washer (or the handle holder) and the legs. Hand-tighten each leg bolt.

Rotate one of the rear C-brackets into position. Hold the corresponding leg in position and tighten the leg bolt.

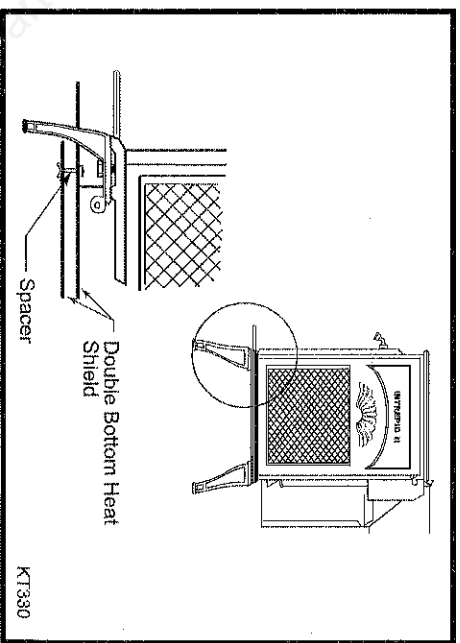


Fig. 2 With the shields in position, first hand-tighten the shield screws, and then tighten the leg bolts securely.

Hand tighten the shield screws, then go back and tighten all the leg bolts until firm. **CAUTION:** Overtightening can strip the leg bolt threads.

Short Legs Only

Screw the BLACK 3/8" -16 x 1 $\frac{1}{2}$ " levelling bolts all the way into the threaded hole in the base of the legs.

Raise the Stove Onto Its Legs

With assistance, lift the stove carefully into the upright position on the hearth; adjust the levelling bolts on short legs if necessary.

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