

2.10 Baffle & brick installation

CAUTION: *Operation of your Osburn insert without the baffle may cause unsafe and hazardous temperature conditions and will void the warranty.* **NOTE:** Before installing the firebrick, check to ensure that none are broken or damaged in any way. If so, have the damaged ones replaced. Check the firebrick for damage at least annually and replace any broken or damaged ones with new ones. Inspection and cleaning of the chimney is facilitated by the removable baffle.

The stove is shipped with all firebricks in place except for the top 3 at the rear of the firebox and the top sides (2 per side, 1 full and 1 partial). The balance of the loose bricks are for the baffle.

Install three top rear firebricks. The two full 9" (229 mm) bricks are on either side and are to be installed first. Then place the 7" (178 mm) brick in the center. Install the full 9" (229 mm) bricks on each side toward the rear of the firebox. After the 9" (229 mm) bricks are in place, install the partial 5 1/2" (140 mm) bricks on each side. The firebox bricking procedure will now be complete.

To install the baffle, follow the instructions on the next page. To remove, reverse the procedure:

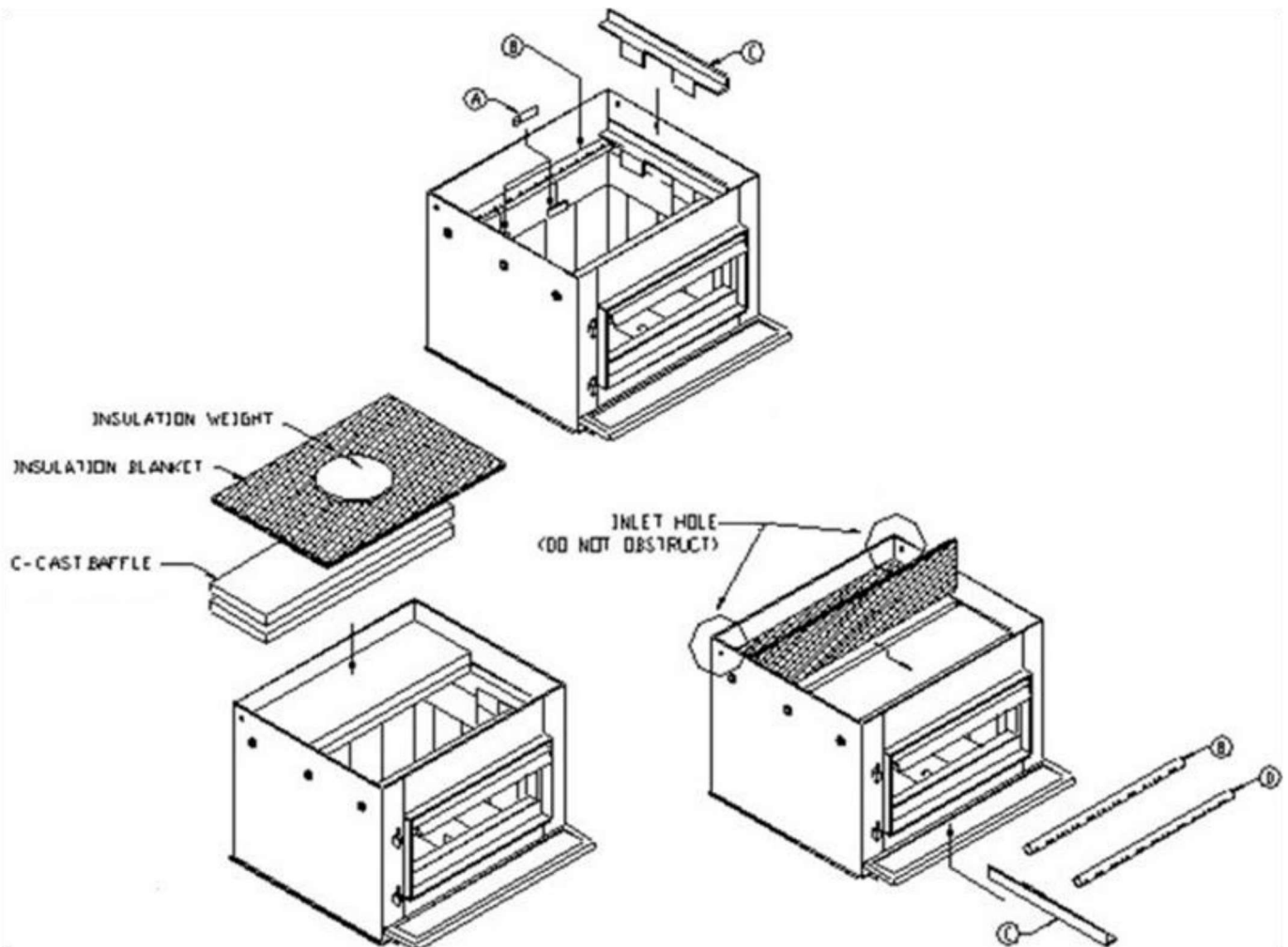


Figure 2.10a

- 1- First, install the rear secondary air tube (B) in the firebox. Refer to figure 4.5: "secondary air tube replacement" in section 4.0 (Maintenance).
- 2- Install the stainless steel brick retainers (C) on the rear centre bricks intersections.
- 3- Install the first side baffle support (C) on one side of the firebox as shown in figure 2.10a.
- 4- Put the c-cast boards on top of the rear secondary air tube. The c-cast boards must be placed next to each other (not stacked). Put the insulation blanket on top of the c-cast boards as shown in figure 2.10a. Place the insulation weight at the top back centre of the insulation blanket lined up with the flue outlet.
- 5- Install the second side baffle support (D) on the other side of the firebox.
- 6- Install the two remaining secondary air tubes and push the baffle assembly towards the back of the unit.

NOTE: As with all fibrous materials, avoid inhaling any airborne fibers.

NOTE: Make sure that rear inlet holes are not blocked by the insulation blanket.

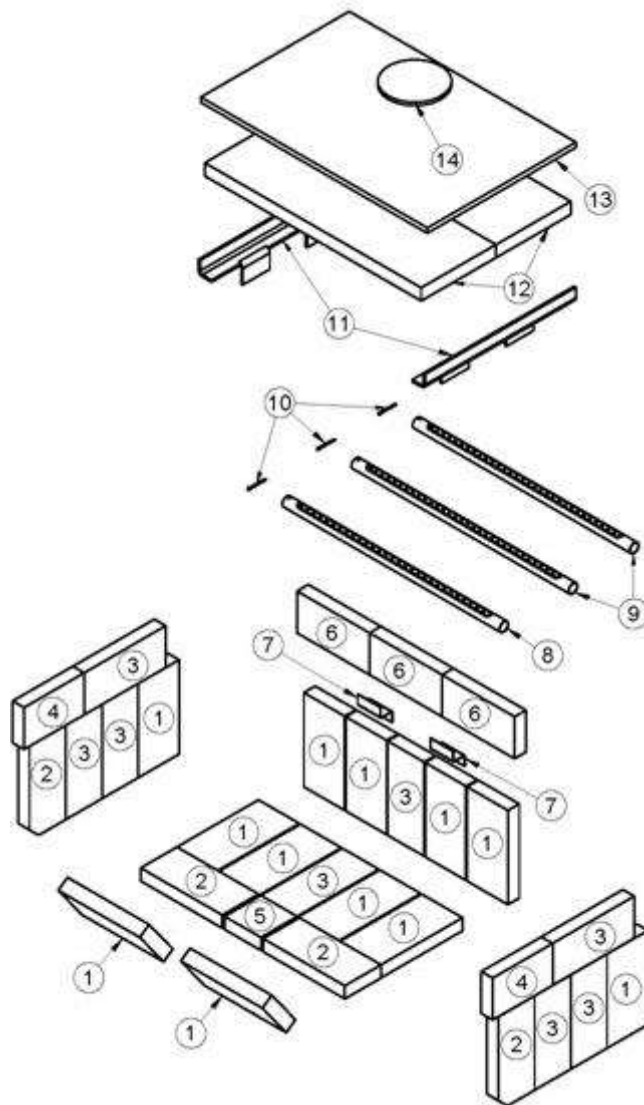


Figure 2.10b

ITEM	PIECE #	DESCRIPTION	QTY
1	29020	4 1/2" X 9" X 1 1/4" REFRACTORY BRICK	12
2	PL36058	4" X 9" X 1 1/4" (COUPE 1" X 1") REFRACTORY BRICK	2
3	29011	4" X 9" X 1 1/4" REFRACTORY BRICK	8
4	PL36014	4" X 6 1/2" X 1 1/4" REFRACTORY BRICK	2
5	PL36048	4" X 4" X 1 1/4" REFRACTORY BRICK	1
6	29001	4" X 8" X 1 1/4" REFRACTORY BRICK	3
7	PL39027	REAR BRICK RETAINER	2
8	PL39015	FRONT SECONDARY AIR TUBE	1
9	PL39018	REAR SECONDARY AIR TUBE	2
10	30068	1/8" X 1 1/2" STAINLESS STEEL COTTER PIN	3
11	PL39013	2400 SERIE BAFFLE SIDE HOLDER	2
12	21297	23 7/8" X 8 1/4" X 1 1/4" C-CAST BAFFLE	2
13	PL39047	16 3/8" X 25" X 1/2" BAFFLE INSULATION BLANKET	1
14	PL34026	INSULATION BLANKET WEIGHT	1