

# SPRING ASSISTED BAND INSTRUCTION MANUAL



## PARTS LIST

### LARGE, MEDIUM & SMALL EGG

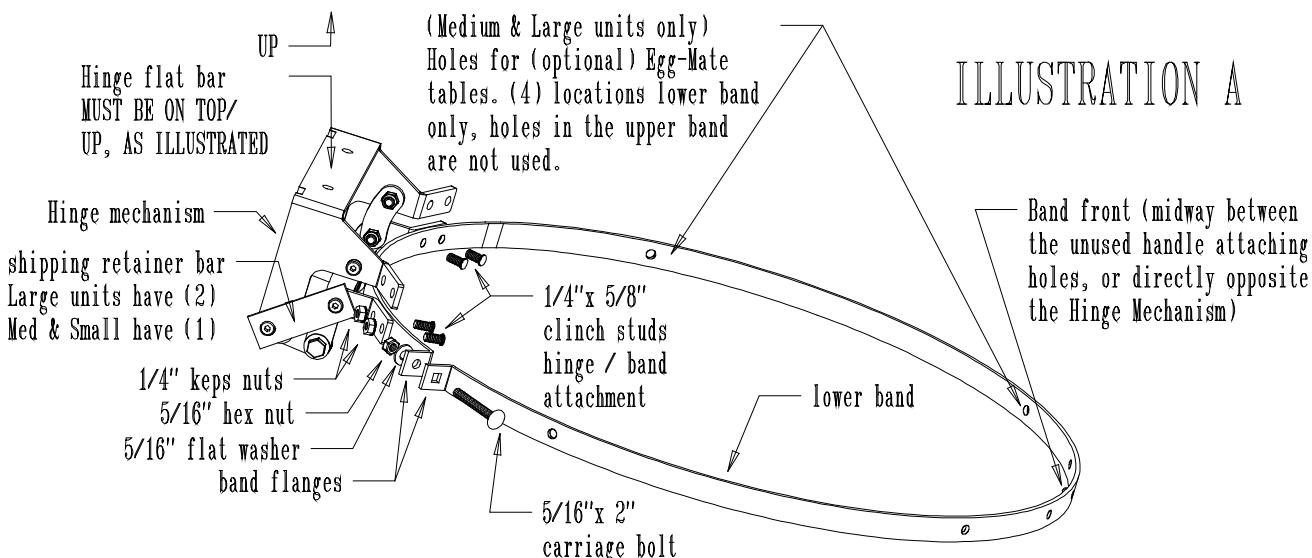
- (2) Bands (1) Handle assembly (1) Hinge mechanism assembly  
 (1) Hardware bag: (2)  $\frac{1}{4}$ " x  $\frac{1}{2}$ " clinch studs (8)  $\frac{1}{4}$ " x  $\frac{5}{8}$ " clinch studs (8)  $\frac{1}{4}$ " Keps nuts (2)  $\frac{5}{16}$ " x 2" carriage bolts  
 (2)  $\frac{1}{4}$ " Acorn nuts (2)  $\frac{5}{16}$ " flat washers (2)  $\frac{5}{16}$ " hex nuts

**WARNING: THE HINGE MECHANISM IS UNDER SPRING PRESSURE, DO NOT REMOVE THE (WHITE PLASTIC) SHIPPING RETAINER BAR/S UNTIL INSTRUCTED, OR PERSONAL INJURY COULD OCCUR.**

**STEP 1A** Position a band (*both bands are the same*) and the hinge mechanism in relation to each other as in (*illustration A*), insert the (4)  $\frac{1}{4}$ " x  $\frac{5}{8}$ " clinch studs through the inside of the lower band then through the hinge assembly. Install (1)  $\frac{1}{4}$ " Keps nut onto each stud and hand tighten only.

**STEP 1B** If you are installing the optional Egg-Mate tables at this time, you will want to insert the (4)  $\frac{1}{4}$ " x  $\frac{3}{4}$ " clinch studs (*provided with the tables*) into the lower band only (see *step 1 of the Egg-Mate manual*). Tip: install & hand tighten nuts to hold the studs in place during the remainder of the assembly.

**STEP 2** With the Egg bottom positioned in its nest or table, place the hinge / band assy. onto the egg bottom making sure the hinge flat bar is on top; align the band front (*illustration A*) with the front of the egg bottom (*the ceramic bottom has a small hole in the band attaching surface that indicates the front*). Insert (1)  $\frac{5}{16}$ " x 2" carriage bolt through the square hole in the band flange (*illustration A*) then through the round hole in the opposite band flange. Install (1)  $\frac{5}{16}$ " flat washer and (1)  $\frac{5}{16}$ " hex nut and hand tighten only.



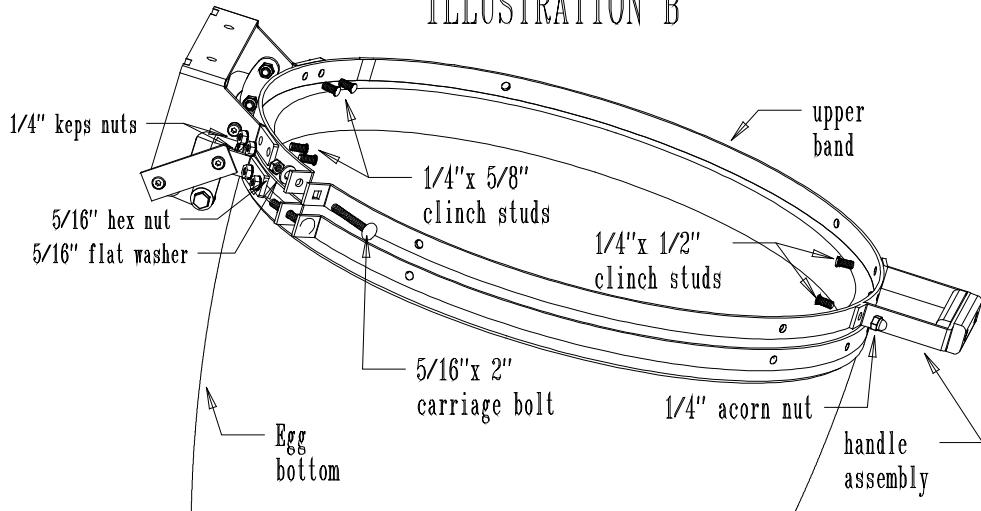
**STEP 3** Install the upper band to the hinge mechanism in the same manner that you did the lower band in step 1A. Now install the handle to the front of the upper band (*the 2 holes you need to use are directly opposite the Hinge Mechanism*) by inserting (1)  $\frac{1}{4}$ " x  $\frac{1}{2}$ " clinch stud through each hole on the inside of the upper band and then through the handle assembly install (1)  $\frac{1}{4}$ " Acorn nut onto each stud and hand tighten (*illustration B*).

**STEP 4** Position the dome onto the Egg bottom and inside the upper band taking care to align the front of the dome (*the ceramic dome has a small hole in the band attaching surface that indicates the front*) with the band front (*midway between the handle attaching bolts*). Insert (1)  $\frac{5}{16}$ " x 2" carriage bolt through the square hole in the band flange then through the round hole in the opposite flange. Install (1)  $\frac{5}{16}$ " flat washer and (1)  $\frac{5}{16}$ " hex nut (*hand tighten only*). Check to make sure the dome is centered and seated evenly against the egg bottom. Next, position the hinge / band assembly so the lower band is as low as it will go all the way around on the egg bottom. The upper and lower bands will be properly spaced by the hinge assembly at the rear, but the bands are flexible and you should move the upper band as needed to make the space between the bands equal to the rear on the sides and front also. Next, securely tighten both the upper and lower bands to approximately 125 inch lbs. (*bending of the bolt and the flanges during tightening is normal / recommended, Don't fear, the ceramic will not break*). Make sure the dome is still evenly seated on the Egg bottom and proceed to tighten all (8) Keps nuts that attach the hinge assembly to the bands. At this time, you should also tighten the  $\frac{1}{4}$ " Acorn nuts that attach the handle assembly to the upper band.

**IMPORTANT:** You must check the band carriage bolts and the hinge / band studs for tightness regularly, especially after each of the first two or three uses. Failure to follow these instructions may cause the dome to slip out of the bands and break; this will not be covered under warranty. (NEVER TIGHTEN THE BANDS WHEN THE GRILL IS IN USE)

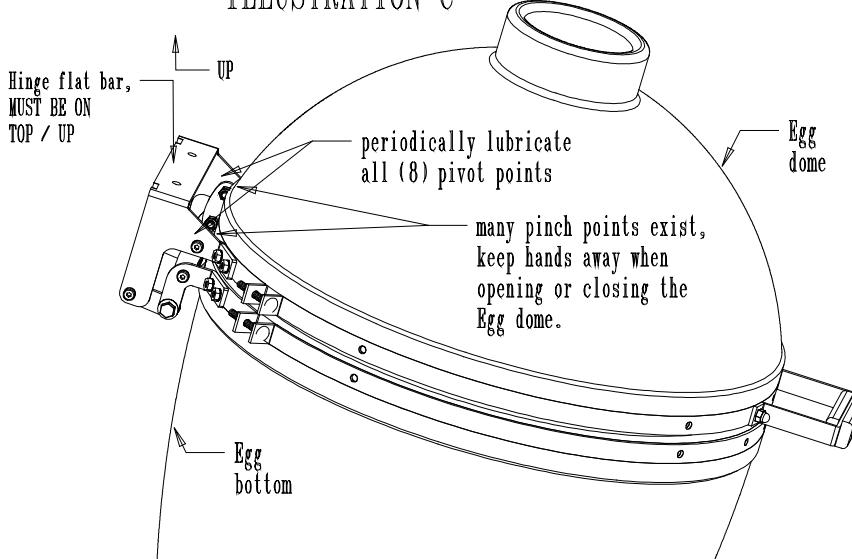
OVER →

## ILLUSTRATION B



**STEP 5** You can now remove the (white plastic) shipping retainer bar/s (*Large units have (2) one on each side of the hinge assembly, Medium & small units have (1)*) from the side/s of the hinge mechanism (*illustration A*) by cutting the plastic cable tie/s that hold it in place and then pull or gently pry the bar off the bolt heads. **DO NOT OPEN THE DOME WITHOUT REMOVING THE SHIPPING RETAINER BARS OR DAMAGE COULD OCCUR.** The shipping retainer bars hold the hinge assembly at the neutral / balance point and provide proper band spacing, we recommend that you keep them for future reinstallation in the event you may need to remove or adjust the Spring Assisted Band.

## ILLUSTRATION C



Congratulations, you have completed the hinge / band installation. Periodically lubricate the (8) pivot points (*illustration C*) on the hinge mechanism and it will provide you many years of trouble free service. Thank you for your purchase; this product was designed & manufactured in the U.S.A. exclusively for Big Green Egg.

**Important: Once again, please keep the band carriage bolts properly tightened as instructed in step 4, or the egg dome could slip out of the bands and fall to the ground. This could result in dome breakage or possible personal injury.**

### SAFETY WARNINGS

- ▲ Do not lift or move the egg assembly by the handle or hinge mechanism.
- ▲ Do not place hands / fingers in the hinge mechanism while operating or moving the egg, pinch points exist.
- ▲ Do not place your hands inside the egg until the dome is completely open and stable.
- ▲ Do not move the egg over rough or uneven surfaces, or by pulling the handle or hinge mechanism.
- ▲ Periodically lubricate the hinge mechanism to insure proper function.
- ▲ Do not allow children to play with or operate the egg.
- ▲ Please notify all persons that may handle / operate the egg about these and all other safety warnings.

**Big Green Egg**

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