Grille Installation Instruction

Rev. 181201
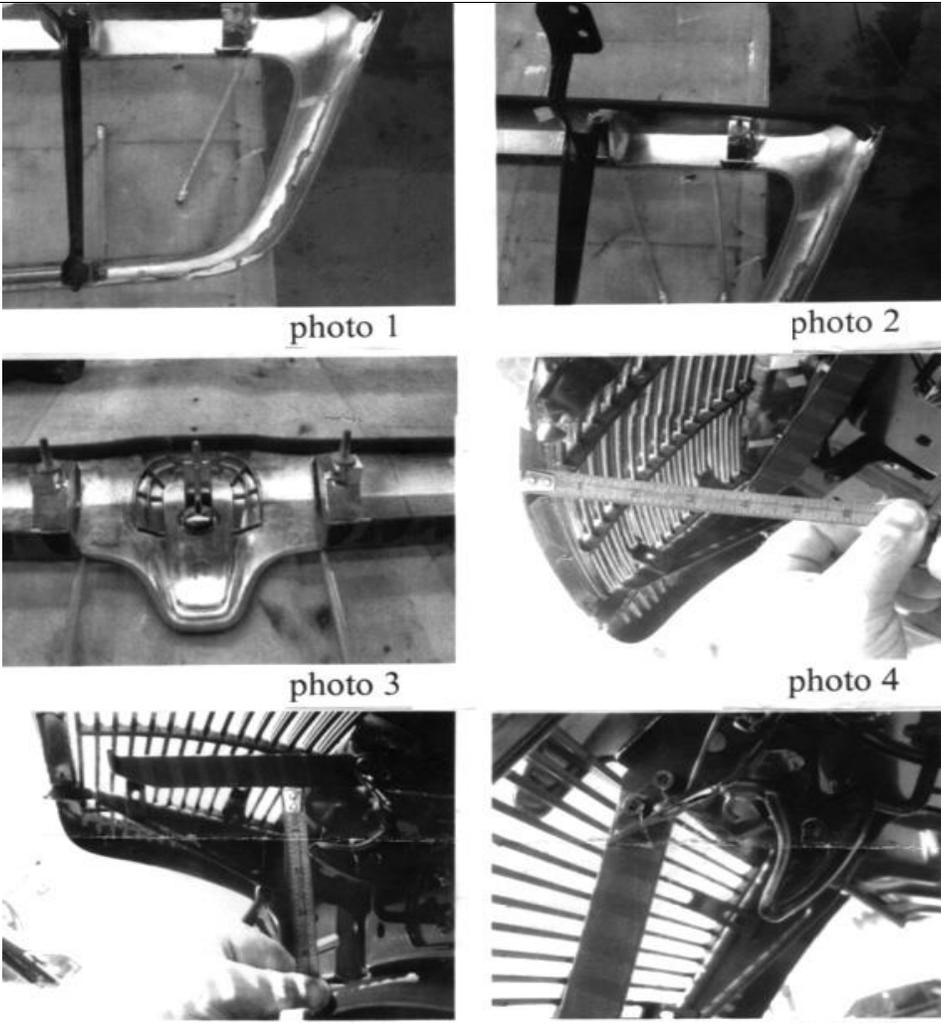
Part#	**GR12HEJ55A/H**	Application	**For 2003-2006 Lincoln Aviator**

	Item	Part Name	QTY	Description	Item	Part Name	QTY	Description
Parts List	1	Billet Grille	1	Aluminum	4	Kep Nuts	4	1/4″ -20
	2	Tab	1		5	Button Head Screws	2	M4x20
	3	Hex Bolts	4	1/4″ -20x3/4″	6	Nylon Lock Nuts	2	

Install Notes: Overlay [×]   **Replacement** [√]   **Drill** [√]   **Cut** [√]

Step	Description	illustration
1	Identify the grille & hardware with parts list.	
2	Remove factory nuts and factory bolts (bolts located on the two support brackets) in order to remove the factory shell. **(Note: Do not remove factory brackets from shell.)**	
3	Mask off the chrome area of factory shell.	
4	With a hacksaw blade, carefully saw vertical bars from shell making sure not to cut into the inner edge (the black area that support the bars).	
5	Sand the inner edge area with 80 grit sandpaper. Once the inner edge is smooth, use 150 or 180 grit to smooth out the scratches made from the 80 grit sandpaper.	
6	Turn the grill over, face down, and use the air body saw/ die-grinder/ drummer tool to cut the inner edge from the right side of the lower factory mount to the right side of the first upper factory mount. Repeat on the left side of the grill. Refer to **picture #1**. **(Note: Do not cut into chrome area for steps 5, 6 and 7.)**	
7	Next, take an air body saw/die-grinder/drummer tool and on the right side of the grill, cut the inner edge from the left side of the first upper factory mount to the right side of the second upper factory mount. Repeat on the left side of the grill. Refer to **picture #2.**	
8	Again with the an air body saw/ die-grinder/drummer tool, cut from the inside of the third upper factory mount to the inside of the opposite third upper factory mount (this will cause you to cut around the Lincoln emblem). Refer to **picture #3.**	
9	Remove the top stud from both factory brackets. Swivel both brackets allowing for the custom billet grill to sit in the shell. Swivel brackets back into place and secure with the factory studs.	
10	Move the billet grill until the top of the first bar is flush with the top of both inner edges that were not cut away (this area is located next to the top outer mounts).	
11	Holding the billet grill in place, drill two holes through each factory bracket using the mounting tabs as guides. Mount the grill using the four nuts and bolts supplied in kit.	
12	Locate the hood latch on hood. Cut out template of hood latch from instruction; place the template on the latch and mark where template ends. Remove the template and cut latch.	
13	Remove replacement hood latch from kit. Place the latch where the edge of the latch is in line with the cut angled edge. Mark and drill the two holes using a 5/32 drill bit. Secure the new latch with the two screws and nylon lock nuts supplied in kit. Refer to **picture #6.**	

The instruction here is for your reference only. You may need to bend the grille a little bit to adjust to fit. We strongly recommend the professional installer for best result. We are not responsible for any damage caused by the installation. Thank you for choosing our product!

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14	Reinstall shell.
15	After shell is reinstalled measure from the bottom of the chrome shell to tip of new hood latch to make sure the distance is 3 7/8 inches. Also measure from back of new latch to tip of the locking latch to insure the distance is 1 1/2 inches. Refer to **picture #4 and #5.**
16	Close hood and open to ensure hood latch installation was done correctly. If there is difficulty in opening, remove and adjust position of latch.
	 photo 1 photo 2 photo 3 photo 4 photo 5 photo 6
12	Installation completed!!!

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