

IMPORTANT: PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE



2010 Mercedes GLK "Ultimate" CNC Mesh Grilles

I 18 G9P



"ULTIMATE BLACK ICE" PART NO. 1159-B104-10A

Quantity	Description	Part No.
1	"ULTIMATE" Upper Mesh Grille (includes): *****	
	Chrome Plated CNC Aluminum Surround	1159-0034-10A
	"BLACK ICE" Heavy Mesh Section	1159-0040-10BI
	Powder Coated Top Mounting Plate	1159-0210-10
	Powder Coated Bottom Retainer w/Pins	1159-0042-10
	(1) Emblem Mesh Block Off Plate	1158-0158-06A
	(11) #8-32 S.S. Hex Nuts	1999-9072-00
	(11) #8-32 Allen Set Screws	1999-0343-00
1	Lower Mesh Surround	1159-0022-10
1	Lower Mesh Section	1159-0041-10BI
1	Hardware Kit (components listed below)	1159-1902-10
	(6) Emblem Retaining Clips	1158-0153-06A
	(6) #4-40 Phillips Machine Screws	3999-9114-00
	(6) 1.006" x .189" x.062" Black Plastic Washers	1999-0256-00
	(6) #8-32 ESNA Half Nuts	1999-0065-00
	(1) Lower Hole Location Template	1159-0039-10

"ULTIMATE" PART NO. 1159-0104-10A

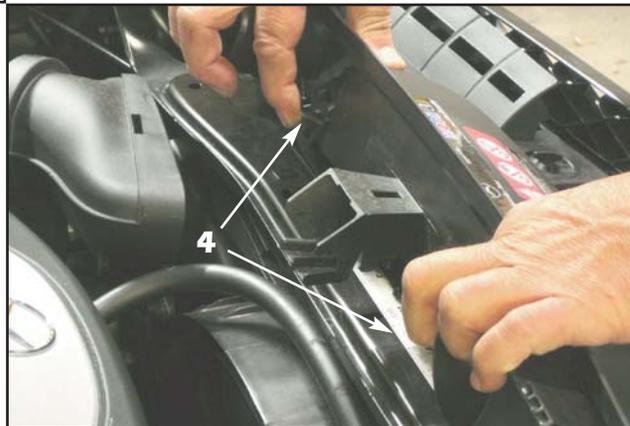
Quantity	Description	Part No.
1	"ULTIMATE" Upper Mesh Grille (includes): *****	
	Chrome Plated CNC Aluminum Surround	1159-0034-10A
	Chrome Plated S.S. Heavy Mesh Section	1159-0040-10
	Powder Coated Top Mounting Plate	1159-0210-10
	Powder Coated Bottom Retainer w/Pins	1159-0042-10
	(1) Emblem Mesh Block Off Plate	1158-0158-06A
	(11) #8-32 S.S. Hex Nuts	1999-9072-00
	(11) #8-32 Allen Set Screws	1999-0343-00
1	Lower Mesh Surround	1159-0022-10
1	Lower Mesh Section	1159-0041-10
1	Hardware Kit (components listed below)	1159-1902-10
	(6) Emblem Retaining Clips	1158-0153-06A
	(6) #4-40 Phillips Machine Screws	3999-9114-00
	(6) 1.006" x .189" x.062" Black Plastic Washers	1999-0241-00
	(6) #8-32 ESNA Half Nuts	1999-0065-00
	(1) Lower Hole Location Template	1159-0039-10



1. Open the hood and disconnect the air intake hoses from the radiator support panel cover.
2. Remove the rubber weatherstrip from the mounting channel by pulling straight up.



3. Rotate the center radiator support panel cover retaining pins 90 degrees to release them.

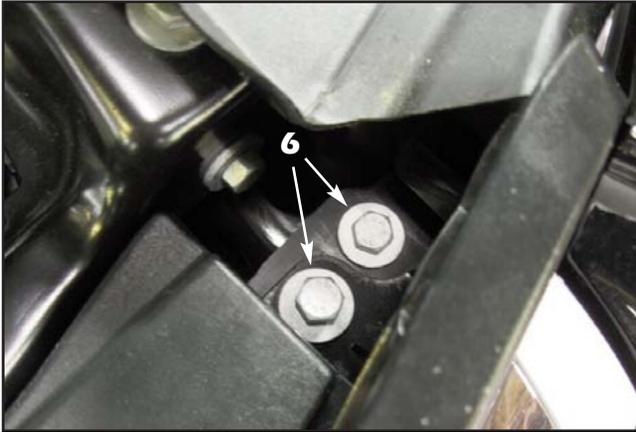


4. Locate the rear mounting clips securing the radiator support panel cover and press them towards you to release the back edge of the panel.

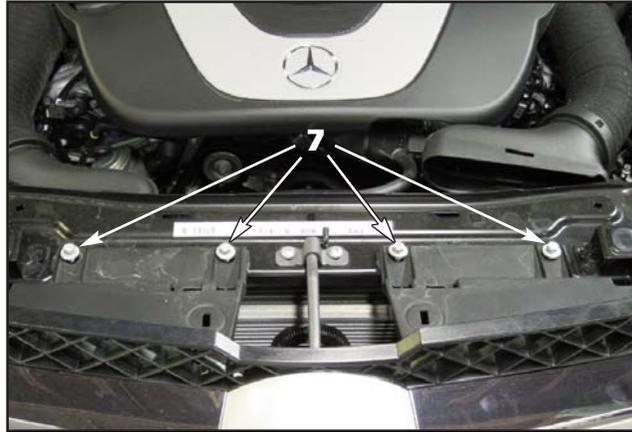


5. Pull the panel towards you once the rear edge has released and lift up on the panel to remove it.

PLEASE HANDLE WITH CARE! THE EDGES OF THE STAINLESS STEEL MESH MAY BE SHARP!



6. Remove the two (2) 10mm hex bolts retaining the bumper cover and the left and right sides of the factory grille.



7. Remove the four (4) 10mm hex bolts retaining the center of the factory grille.



8. Pull out on the top of the grille to access the lower mounting tabs. Use a small flat blade screwdriver and insert it between the top of the tabs and the grille and press down on the tabs and push in on the grille to release the tabs.



9. Use a small flat blade screwdriver to push on the mounting clips securing the factory emblem to the grille and remove the emblem.



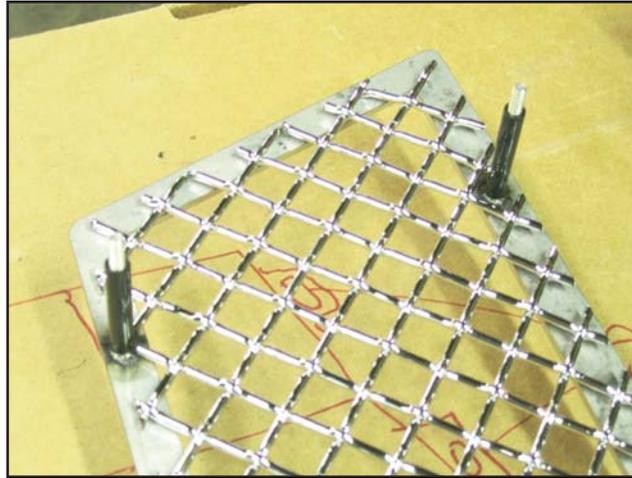
10. Align the factory emblem onto the CNC grille, making sure all the emblem tabs fit through the slots in the CNC emblem mounting ring. Install the supplied 22 gage emblem retaining clips using the #4-40 stainless steel countersunk phillips machine screws (mesh not shown).



11. Apply protective masking tape around the upper and lower grille openings in the bumper cover. For light colored vehicles: Tape 1/2" inside the upper grille opening and scuff the painted bumper cover with a scotch brite pad for paint adhesion.



12. For all vehicles: Paint everything visible inside the grille opening with flat or semi-gloss black paint to help conceal everything once the mesh grille is installed.



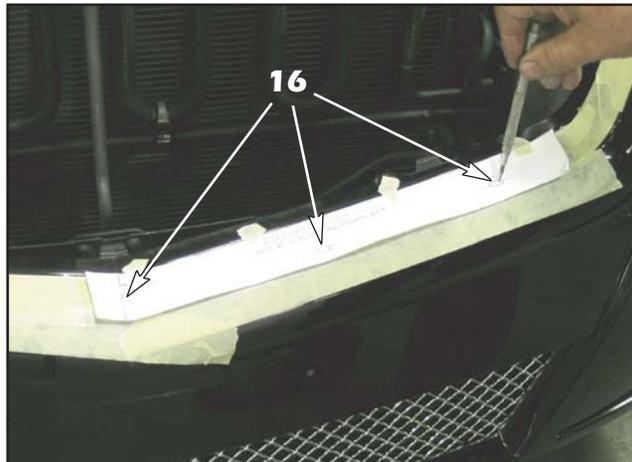
13. Align the lower mesh section behind the mesh surround, then trim the ends from the supplied black cap plugs and push them down onto the mounting studs (as shown).



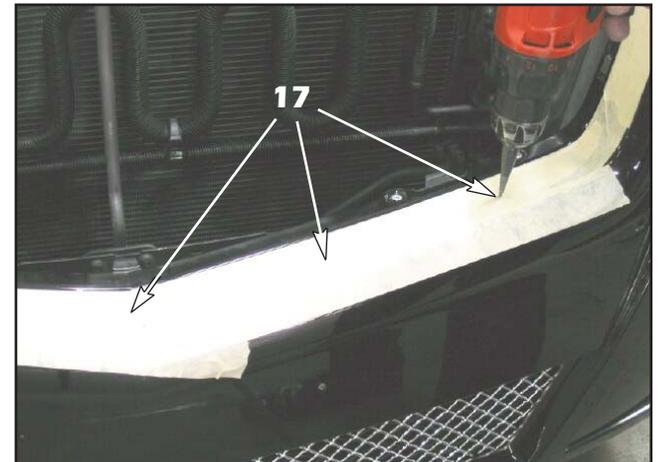
14. Align the lower mesh grille assembly into the bumper opening, then reach down from the upper grille opening and install a large black plastic washer and a #8-32 ESNA half nut onto each stud and begin tightening the nuts. Leave the nuts slightly loose at this point.



15. With the lower grille slightly loose, remove the protective masking tape from around the grille surround. Once all the tape has been removed, go back and finish tightening the #8-32 ESNA half nuts but **DO NOT OVERTIGHTEN** or you will indent the grille surround at the stud locations.



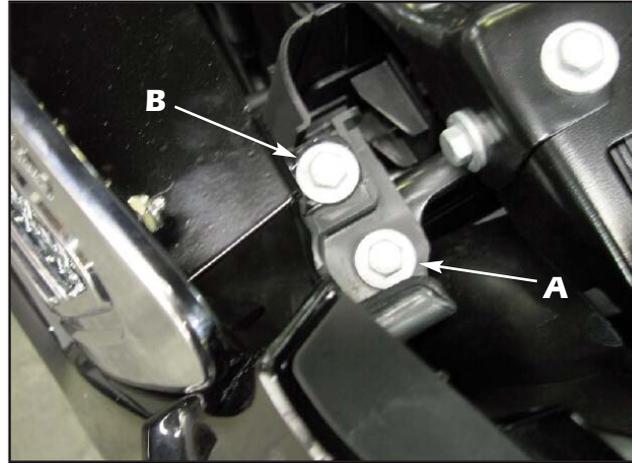
16. Cut out the supplied upper grille hole location template and tape it into place. Use an awl or similar pointed tool to mark the hole locations onto the bumper cover. Remove the template, flip it over and mark the opposite side hole locations.



17. Use a 1/8" drill bit to drill through the marks made in the previous step, then use the drill bit to connect the holes, making small mounting "slots" in the bumper cover. Remove any plastic shavings from the bumper cover.



18. Align the CNC mesh grille into the factory grille opening, making sure that the lower mounting pins on the CNC grille lower mounting brackets pass through the slots in the factory bumper cover. Press firmly to seat the grille into the bumper cover.



19. Reinstall the 10mm hex bolts removed in Step 6. Match the witness marks on the bumper cover bolt first (**A**) and tighten, then push the grille as far in as it will go and snug the bolt (**B**) on both sides.



20. Close the hood and make sure the top of the grille surround is an even distance inside the edge of the hood. You can adjust the depth of the grille using the 10mm hex bolts as the top plate is slotted front to back ("**B**" in Step 19).

21. Once properly adjusted, finished installation by reassembling the parts removed in Steps 1-5.