

IMPORTANT: PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE



2008-12 Lexus LX Series Mesh Grille

INSTALLATION INSTRUCTIONS

Revised 01/30/2012

Notes to the Technician:

E&G is proud to present this package to you and reminds you that for technical information, contact Lynn Eash or Lee Clary at 410-381-4900. Do not attempt installation any E&G product without first reading the detailed instructions. E&G Classics will not warrant damaged parts or vehicle due to altered installation instructions.

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Part # 1316-0102-08

Quantity	Description	Part No.
1	Upper Chrome Plated S. S. Mesh Section	1316-0020-08
1	Top Mounting Plate	1316-0210-08
2	Upper Grille Side Mesh Brackets	1316-0206-08
1	Upper Grille Lower Mesh Retainer w/Pins	1316-0042-08
1	Lower Mesh Surround	1316-0022-08
1	Lower S.S. Mesh Section	1316-0021-08
1	Hardware Kit (components listed below):	1316-1902-08
	(12) #8 x 3/8" Black Truss Head Screws	3999-9036-00
	(6) #8 x 1/2" Black Truss Head Screws	3999-9035-00
	(1) Emblem / Camera Mounting Plate	1316-0158-08
	(8) 1.006" x .189" x .062" Black Plastic Washers	1999-0264-00
	(4) #10 S.S. Lock Washers	1999-9555-00
	(4) #8-32 S.S. Hex Nuts	1999-9072-00
	(8) #8-32 ESNA Half Nuts	1999-0065-00
	(18") .045" x .250" Double Faced Tape	3004-9250-92
	(2) Emblem Backing Washers	1374-0159-10
	(6) Black Nylon Spacers	1999-0275-00
	(1) Hole Location Template	1316-0039-08
	(1) Camera Mounting Bracket	1316-0151-08

"Black Ice" Part # 1316-B102-08

Quantity	Description	Part No.
1	Upper "Black Ice" S. S. Mesh Section	1316-0020-08BI
1	Top Mounting Plate	1316-0210-08
2	Upper Grille Side Mesh Brackets	1316-0206-08
1	Upper Grille Lower Mesh Retainer w/Pins	1316-0042-08
1	Lower Mesh Surround	1316-0022-08
1	Lower "Black Ice" Mesh Section	1316-0021-08BI
1	Hardware Kit (components listed below):	1316-1902-08
	(12) #8 x 3/8" Black Truss Head Screws	3999-9036-00
	(6) #8 x 1/2" Black Truss Head Screws	3999-9035-00
	(1) Emblem / Camera Mounting Plate	1316-0158-08
	(8) 1.006" x .189" x .062" Black Plastic Washers	1999-0264-00
	(4) #10 S.S. Lock Washers	1999-9555-00
	(4) #8-32 S.S. Hex Nuts	1999-9072-00
	(8) #8-32 ESNA Half Nuts	1999-0065-00
	(18") .045" x .250" Double Faced Tape	3004-9250-92
	(2) Emblem Backing Washers	1374-0159-10
	(6) Black Nylon Spacers	1999-0275-00
	(1) Hole Location Template	1316-0039-08
	(1) Camera Mounting Bracket	1316-0151-08

Upper Part # 1316-010U-08

Quantity	Description	Part No.
1	Upper Chrome Plated S. S. Mesh Section	1316-0020-08
1	Top Mounting Plate	1316-0210-08
2	Upper Grille Side Mesh Brackets	1316-0206-08
1	Upper Grille Lower Mesh Retainer w/Pins	1316-0042-08
1	Hardware Kit (components listed below):	1316-1903-08
	(12) #8 x 3/8" Black Truss Head Screws	3999-9036-00
	(6) #8 x 1/2" Black Truss Head Screws	3999-9035-00
	(1) Emblem / Camera Mounting Plate	1316-0158-08
	(1) Camera Mounting Bracket	1316-0151-08
	(4) #10 S.S. Lock Washers	1999-9555-00
	(4) #8-32 S.S. Hex Nuts	1999-9072-00
	(18") .045" x .250" Double Faced Tape	3004-9250-92
	(2) Emblem Backing Washers	1374-0159-10
	(6) Black Nylon Spacers	1999-0275-00
	(1) Hole Location Template	1316-0039-08

Lower Part # 1316-010L-08

Quantity	Description	Part No.
1	Lower Mesh Surround	1316-0022-08
1	Lower S.S. Mesh Section	1316-0021-08
1	Hardware Kit (components listed below):	1316-1905-08
	(8) 1.006" x .189" x .062" Black Plastic Washers	1999-0264-00
	(8) #8-32 ESNA Half Nuts	1999-0065-00

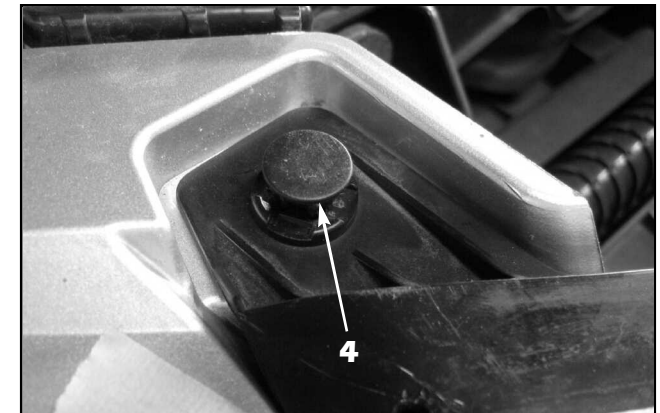
FITMENT ALERT! Grille will not work on vehicles equipped with the optional" Pre-Collision System (PCS) & Dynamic Radar Cruise Control". The grille is designed for use with the emblem mounted camera. **It WILL NOT WORK ON LX's NOT equipped with the emblem mounted camera.**



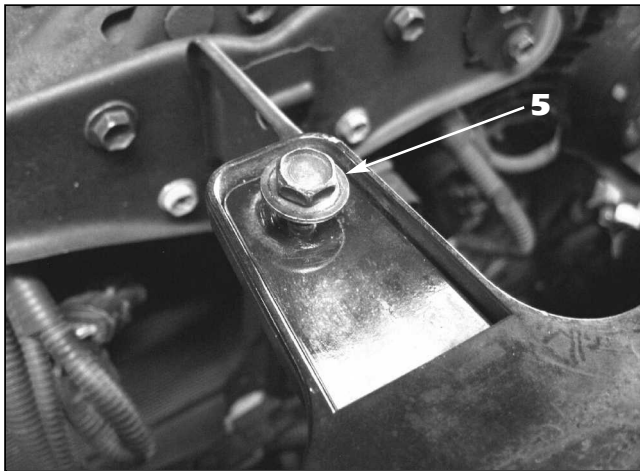
1. Open the hood and remove the three engine bay plastic covers by pushing in on the centers of the plastic push fasteners and lifting the panels up. Remove the front license plate bracket (if equipped). Save for reinstallation.



2. Carefully apply several layers of masking tape around the factory grille to protect the painted bumper cover.
3. Apply masking tape to the chrome factory grille surround.



4. Remove the outer factory push fasteners by lifting up on the center of the push fastener to release it.



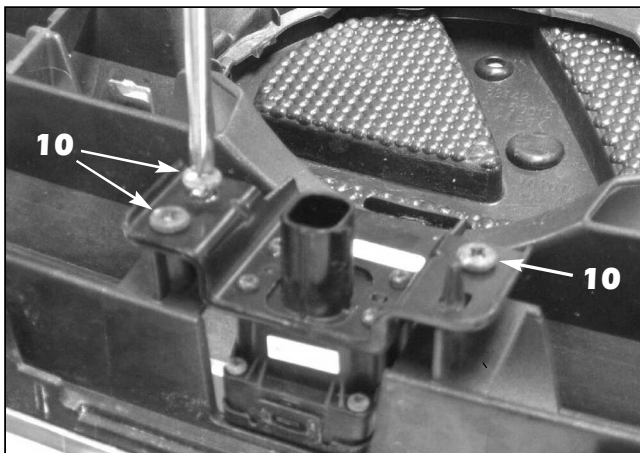
5. Remove the center 10mm hex bolt securing the grille to the mounting bracket.



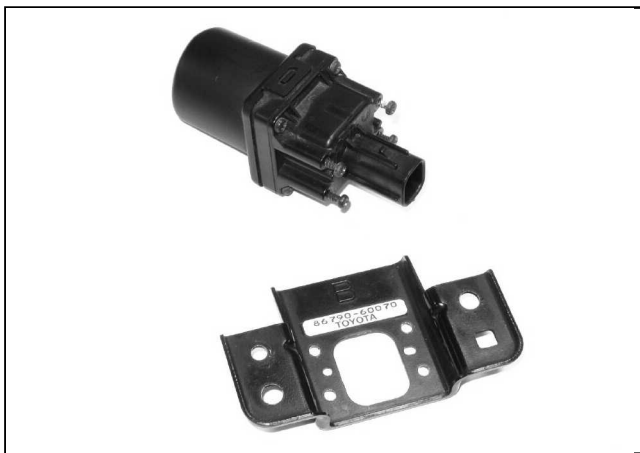
6. Pull the factory wheel well liner out to expose and remove the outer bumper cover retaining screws (one per side).



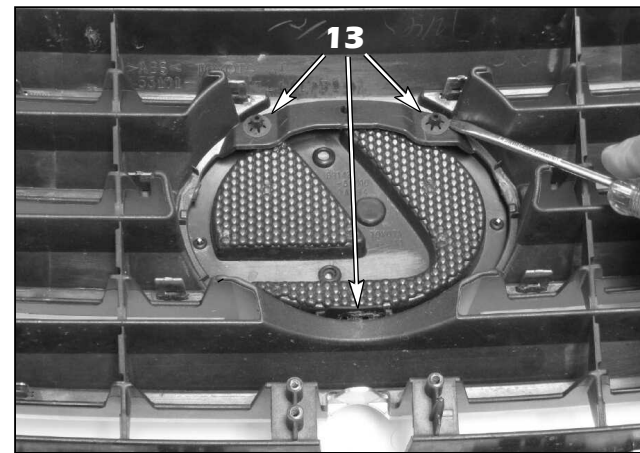
7. Disconnect the wiring from the front grille mounted camera located at the bottom center of the grille (not shown).
8. Grasp the grille firmly and starting at either side pull the grille forward to release the mounting clips.
9. Place the grille on a clean, flat work surface for the following factory grille disassembly procedure.



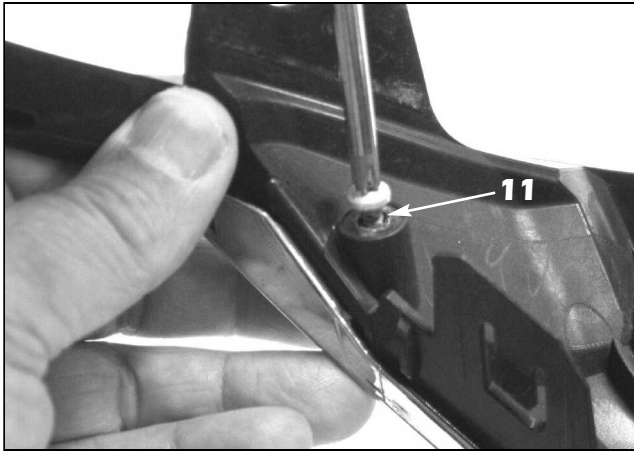
10. Use a #2 phillips screwdriver to remove the lower center grille mounted park assist camera screws.



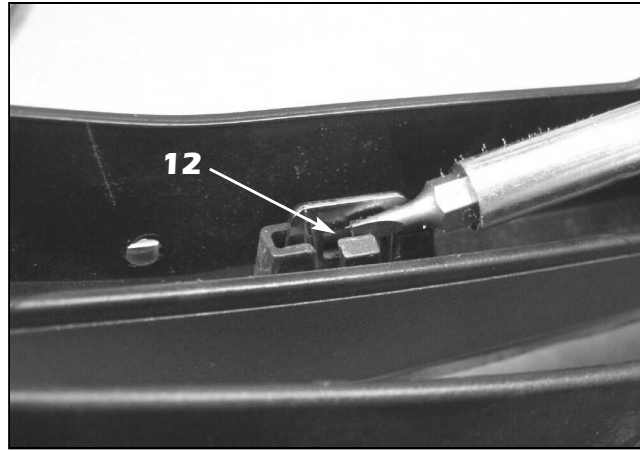
11. Use a #1 phillips screwdriver to remove the front parking assist camera from the factory mounting bracket (factory bracket is not reused).



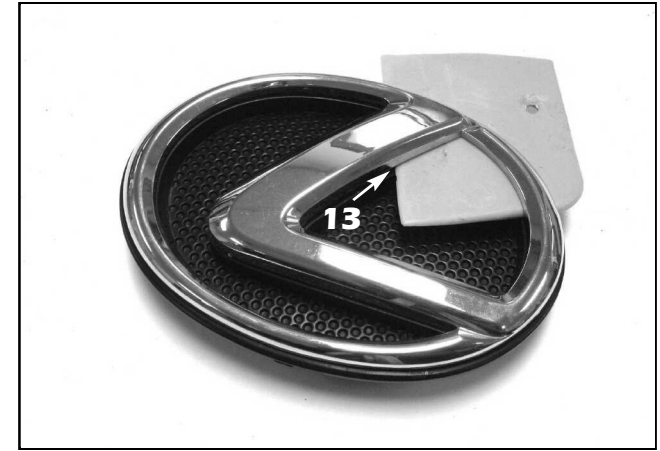
13. Use a flat blade screwdriver to pry off the emblem mounting tabs then remove the emblem insert from the factory grille by pushing on the lower mounting tab.



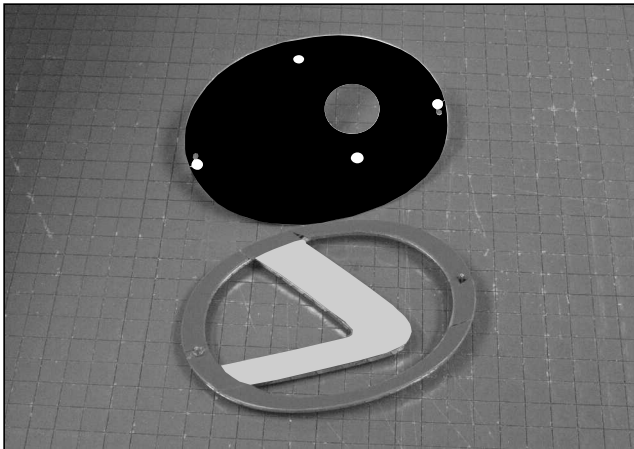
11. Remove all factory screws retaining the insert to the chrome surround.



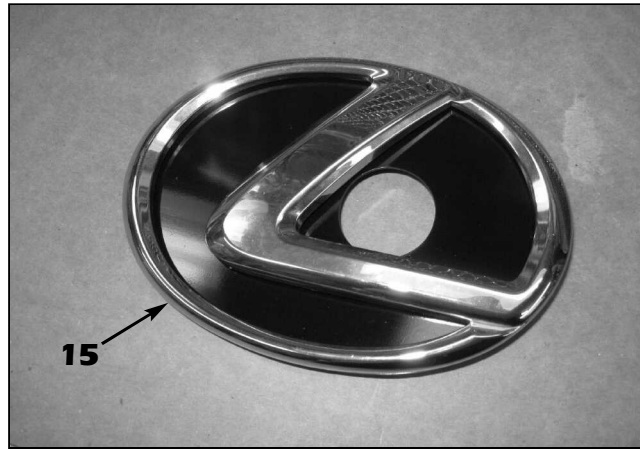
12. Use a small flat blade screwdriver to release the grille perimeter mounting clips while separating the chrome outer surround from the grille insert.



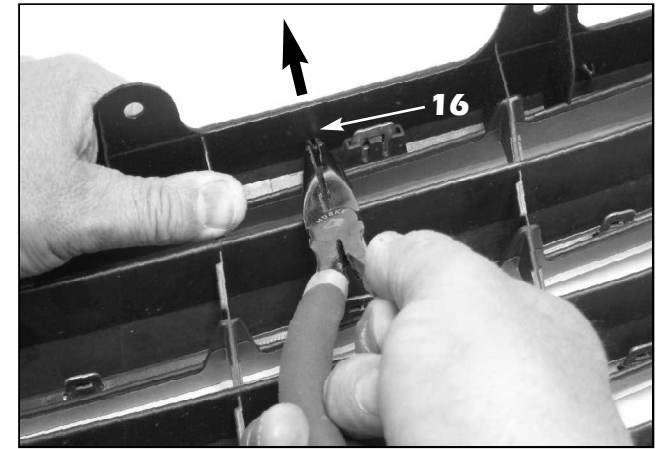
13. Use a squeegee or plastic spreader (do not use a metal screwdriver or pry bar as you will damage the chrome emblem) to pry the emblem from the grille insert.



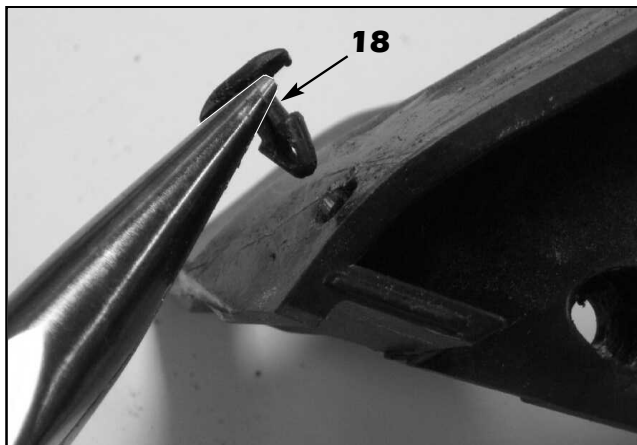
14. Remove the factory double faced tape from the back of the Lexus emblem. Using the supplied .045" x .250" double faced tape, apply the tape to the back of the emblem around the ring (as shown). Cut the double faced tape away from the alignment studs.



15. Peel off the double faced tape backing, make sure the alignment studs pass through the holes in the emblem mounting plate and press the emblem firmly in place to set the tape.

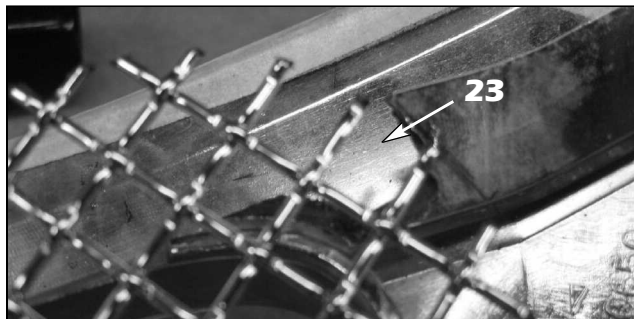


16. Remove the factory weatherstrip from the top edge of the factory grille insert by squeezing the clips together and pulling the weatherstrip up.

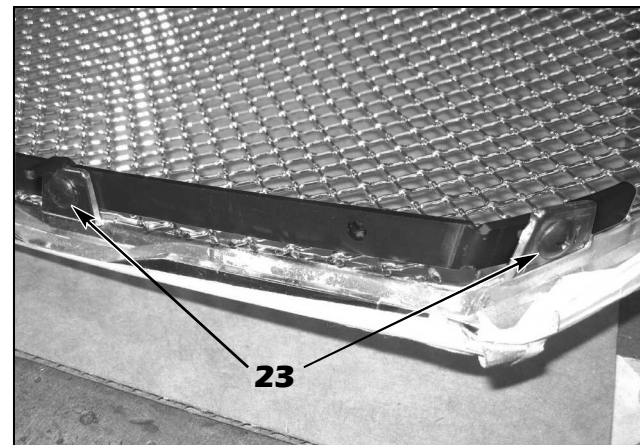


18. Remove any weatherstrip clips on the bumper cover at this time and reinstall them back into the holes in the weatherstrip.

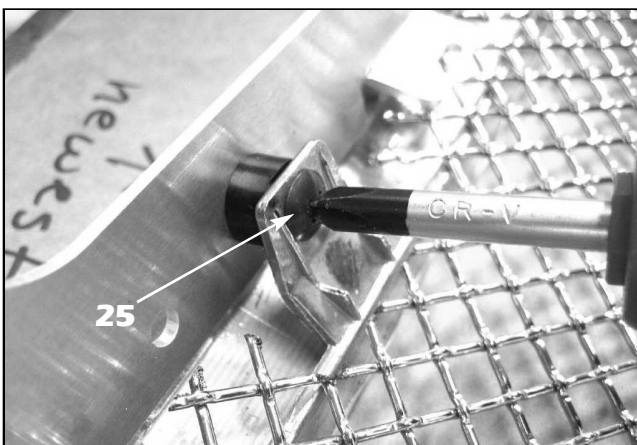
******* IMPORTANT! *******
The exposed edges of the stainless steel grille and mesh can be extremely sharp. Please handle with care.



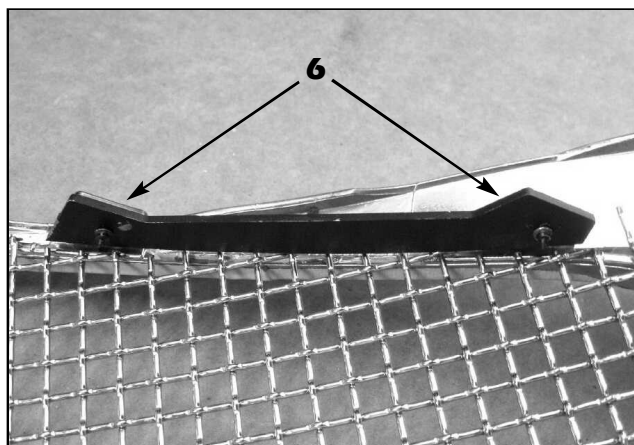
23. Center the mesh grille section over the back of the factory chrome surround and mark the area that the upper corners of the mesh make contact with the inner edge. Use a disc grinder to remove the portion of the factory grille until the mesh rests against the opening.



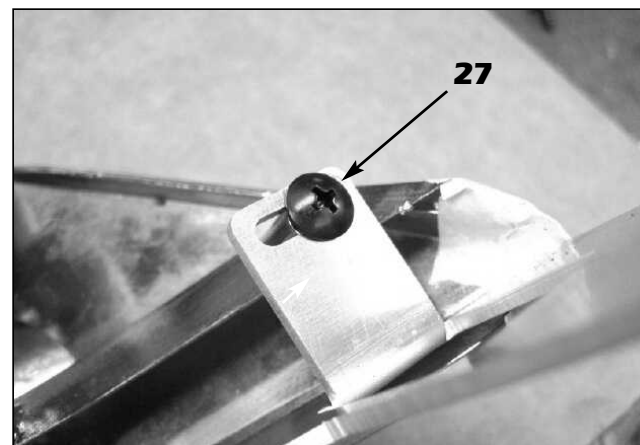
24. Once the mesh section is in place, install the lower mesh retainer w/pins using the supplied #8 x 3/8" black truss head screws.



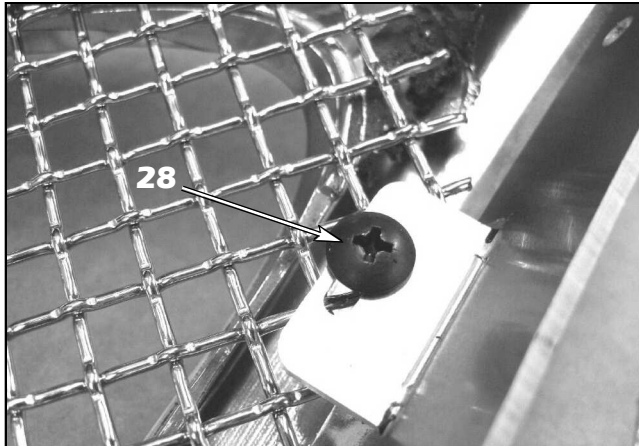
25. Align the top mounting plate into place and use the supplied nylon spacers and #8 x 1/2" black truss head screws to secure the mesh across the top edge. The screws will pass through the tabs on the factory grille surround, the nylon spacers and tighten into the top mounting plate.



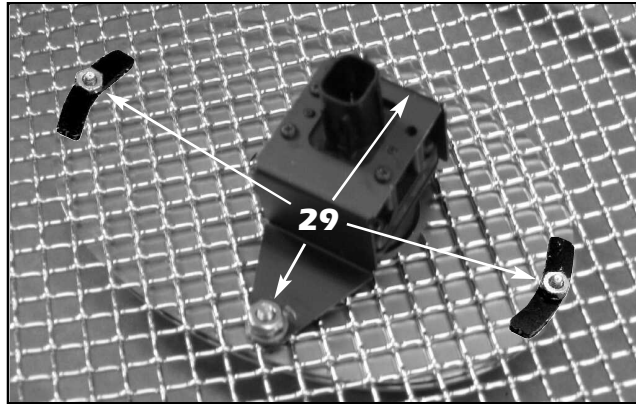
26. Align the side mounting brackets into place, using the supplied #8 x 3/8" black truss head screws to secure the mesh across the side edge. The screws will pass through the tabs on the factory grille surround and tighten into the side mounting brackets.



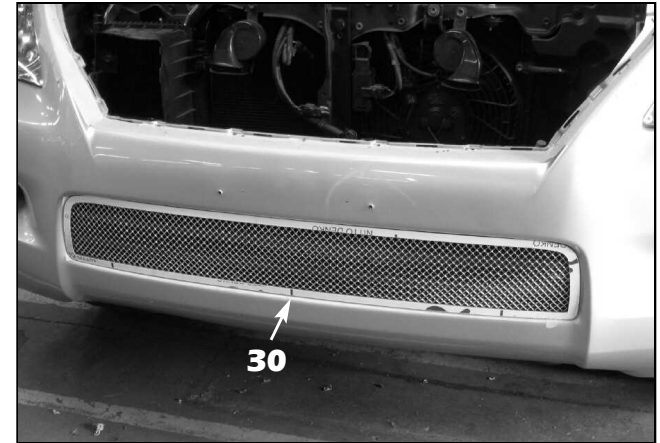
27. Once the mesh is tight against the factory chrome surround, use the supplied #8 x 3/8" black truss head screws to attach the top mounting plate to the factory chrome surround at the top outer tabs.



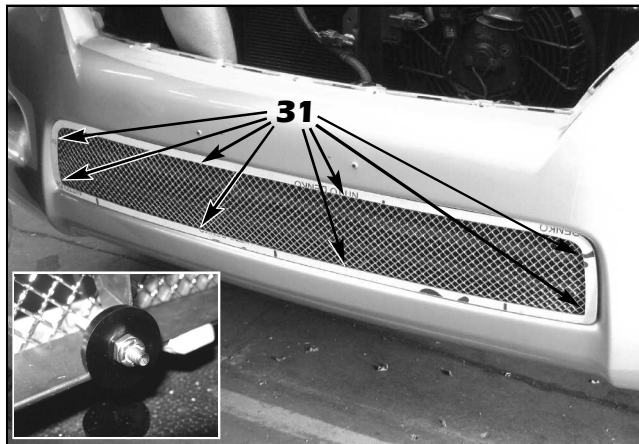
28. Install the supplied #8 x 1/2" truss head screws through the tabs across the inside of the top mounting plate to keep the mesh section for shifting.



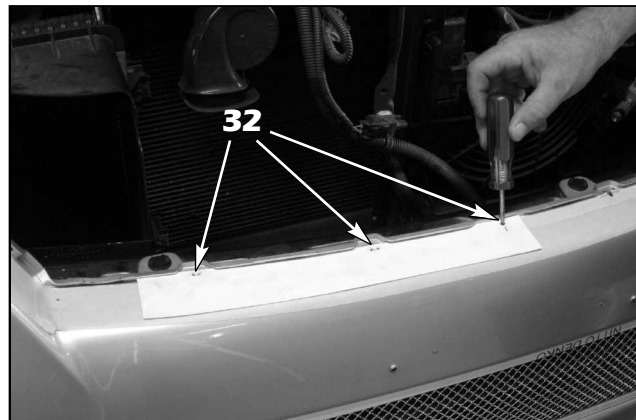
29. Install the supplied camera mounting bracket onto the factory parking assist camera, reusing the factory screws. Align the emblem assembly, making sure it is perfectly centered and level (you may need to trim a wire or two to achieve this). Align the factory parking assist camera through the mesh and emblem/camera mounting plate. Secure the emblem/camera assembly using the supplied emblem mounting washers (horizontal studs), #10 lock washers and #8-32 S.S. hex nuts (all studs).



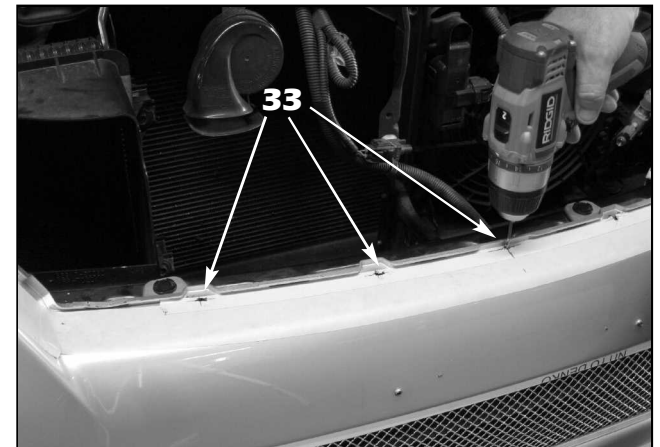
30. Apply masking tape around the lower grille opening to protect the paint. Align the lower mesh section and the lower surround into the opening in the bumper cover as shown.



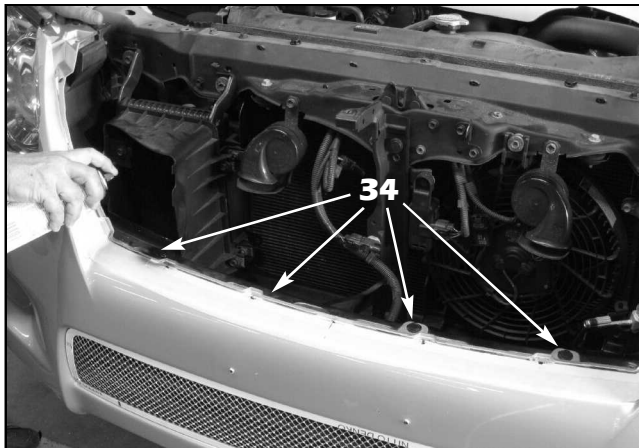
31. Install the supplied large black plastic washers and the #8-32 ESNA half nuts onto the mounting studs and hand tighten at this time. Remove any protective masking tape that could get caught behind the lower grille once it is tightened. Tighten the nuts until the washers no longer rotate freely. **DO NOT OVERTIGHTEN** the ESNA nuts or you could indent the surround at the stud locations.



32. Cut out the supplied hole location template, align the tape together. Measure and mark the exact center of the grille opening on the bumper cover. Align the center mark on the template and use masking tape to hold the template into place. Use an awl or similar pointed tool to mark the bumper cover at the hole locations. Untape the template, flip it over and mark the opposite side.



33. Use a .125" (1/8") drill bit to drill through the marks made in the bumper cover. It will be necessary to drill the holes through the metal bumper as well. Connect the holes, creating a small mounting slot for left to right adjustments.



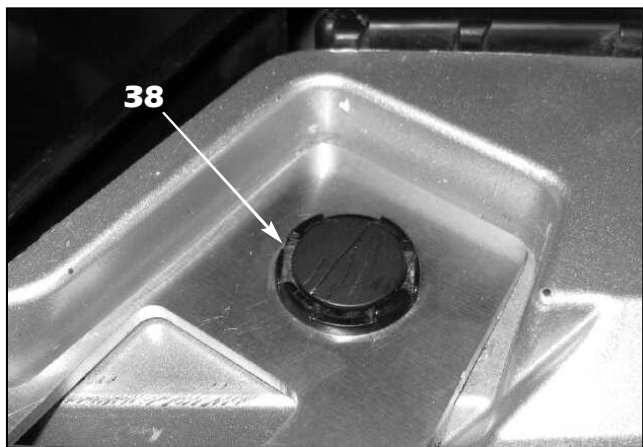
34. Apply flat or semi-gloss black paint to anything that would be visible through the mesh grille.



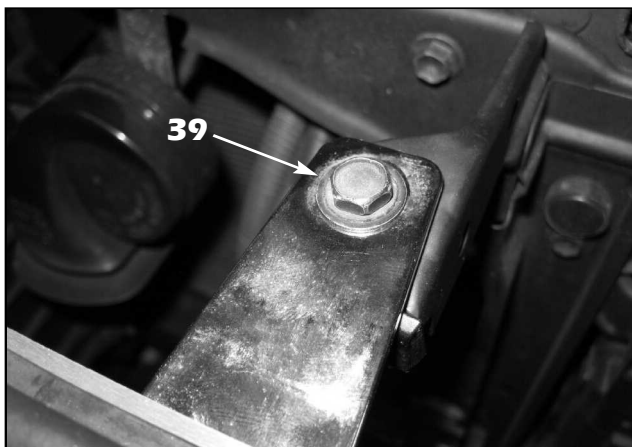
36. Remove the protective masking tape from around the grille opening that could get caught underneath the installed grille. Align the assembled mesh grille into place, making sure the mounting pins fit into the slots made in Step 33.



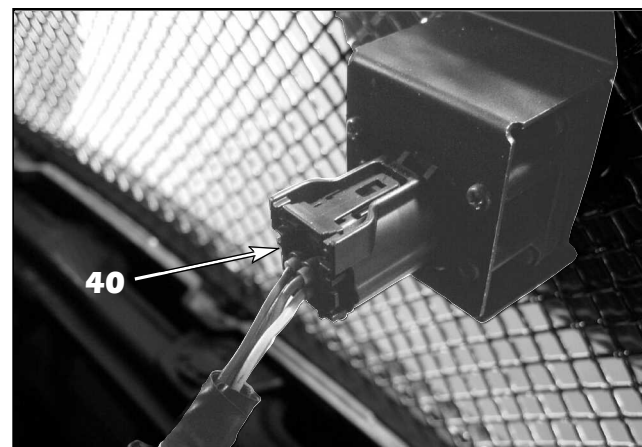
37. Make sure that the grille is tight at the bottom and has an even gap on each side. The top mounting plate's upper tabs should fit into the pockets in the bumper cover.



38. Reinstall the factory weatherstrip across the top of the grille assembly and bumper cover.



39. Reinstall the factory center 10mm hex bolt.



40. Reinstall the electrical connector to the back of the factory park assist camera.



41. Reinstall the rubber weatherstrip onto the top mounting plate and the corners of the bumper cover, inserting the ends of the weatherstrip into the ones mounted to the tops of the headlights.



42. Reinstall the radiator support panel cover and the side engine bay covers removed in Step 1.
 43. Reinstall the front license plate bracket (if equipped).
 44. Peel off the protective backing from the lower S.S. surround and use a mild solvent and a soft, clean cloth to remove any glue residue. Use glass cleaner or alcohol and a soft, clean cloth to remove any solvent residue.



45. Finished installation.

WARRANTY INFORMATION:

E&G Classics, Inc. warrants its chrome parts and products to be free from defects in material, workmanship or finish for Twenty-Four (24) months from the date of shipment by E&G. This warranty is limited to the repair or replacement, at E&G Classics option, of the defective part or product. **To obtain performance under this warranty you must:**

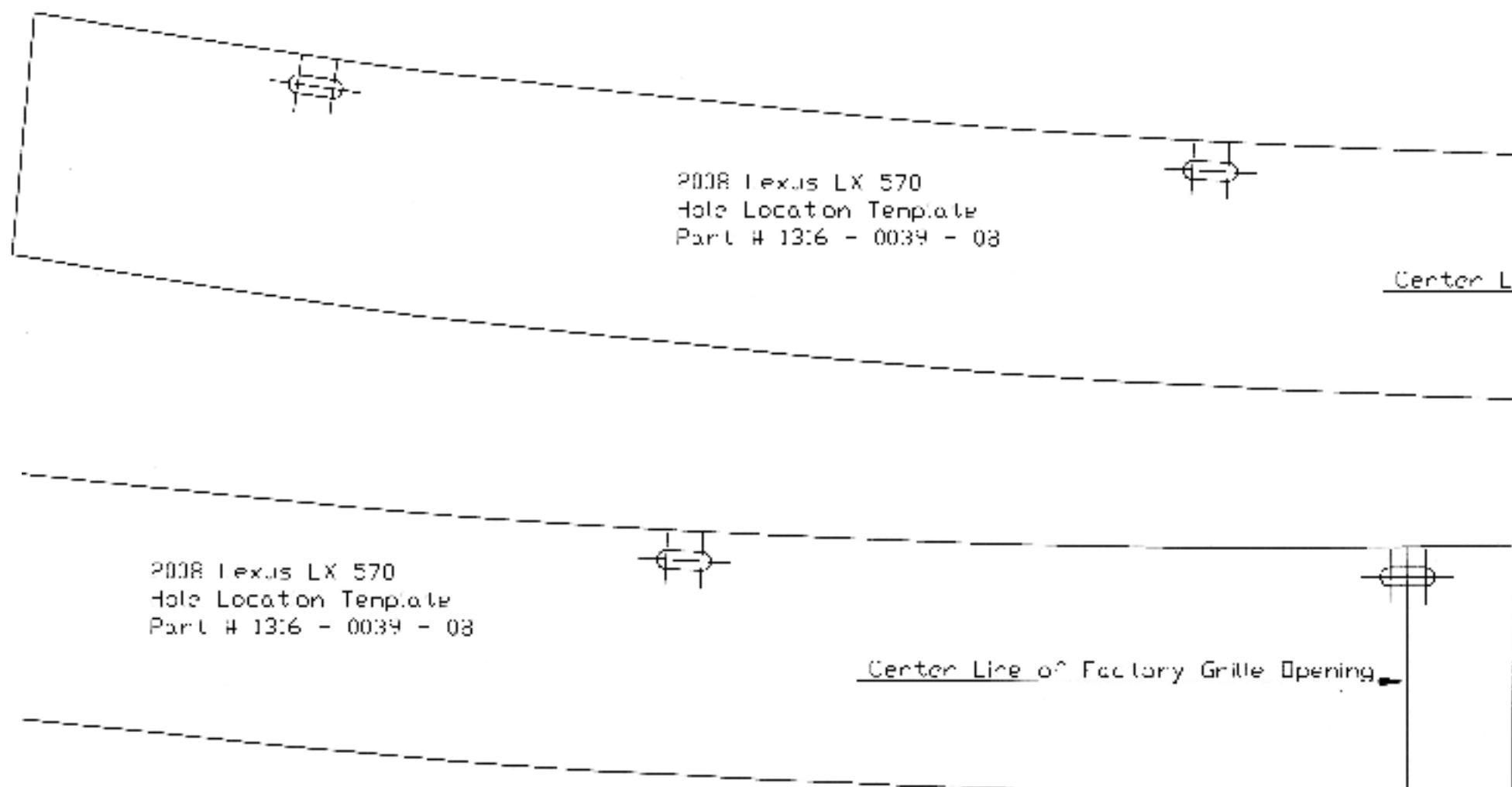
- 1.) Present your E&G unit to an authorized distributor in your area with proof of purchase.
- 2.) If no distributor is available, contact E&G Classics (address below) for authorization to return unit.
- 3.) Returns - All unauthorized returns will be refused. Merchandise approved by E&G for return must have been purchased within the Twenty-Four (24) months. All returns require an authorization number obtained from E&G and the actual return must be accompanied by the written authorization form filled out completely. All merchandise must be inspected upon receipt and shortages reported within 48 hours. All merchandise must be in a resalable condition. Merchandise must be packed carefully in the original packing. If original packing is no longer usable, repack item(s) comparable to original manner. All returns are subject to a 25% handling charge. Special order items are not returnable. Defective merchandise must have an explanation of the problem. No credit will be issued unless invoice number and date of purchase has been supplied. Manufacturer shall be sole judge of defects in a product.
- 4.) UPS accounts - All returns must be prepaid. Do not send return shipments freight collect. Once E&G has made its decision and it is a claim against our warranty policy, E&G will credit incoming freight on damaged parts.
- 5.) No discontinued part or parts changed due to body style are returnable.

For Return Authorization, write or telephone: E&G Classics, Inc., 8910 McGaw Court, Columbia, MD 21045 (410) 381-4900 Attn.: Return Department

You are responsible for inspecting all packages containing E&G Classics' parts and product immediately upon their receipt and must file a claim with the carrier for any damage disclosure by such inspection and notify E&G classics in writing at the above address of any such damage. This warranty does not extend to any of our products which have been subject to misuse, neglect, accident or have been altered or repaired in any way. This warranty does not cover any accidental or consequential damages for any breach of this warranty agreement. E&G Classics shall have no responsibility for any loss of time, inconvenience, commercial loss or consequential damage, nor shall E&G be liable for any injury or damage to persons or property by reason of any defect in material, workmanship or finish of its parts or products. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.



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Cut out, overlap and tape template together.