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Coding Information

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Title: LT Hood Glare

Applies To: All LT Models

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

11/17/2017 - Rereleased as parts have become available
 10/17/2017 - Added validated installation procedure
 09/08/2017 - Initial Article Release

DESCRIPTION

This document will guide the user through application of a film on the rear vertical portion of the hood to mitigate glare into the cab.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

Not applicable

Customer Observations or Concerns:

Driver or passenger complaint of glare into cab

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
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Plastic squeegee	N/A	Source Locally	Use to apply film/squeeze out excess bubbles and solution
Lint free cloth	N/A	Source locally	Wipe away excess water solution
Isopropyl or ethyl alcohol	N/A	Source locally	Used to remove wax or silicone from surface to prep for film installation
Heat gun	N/A	Source locally	May be needed to remove bubbles or warm hood surface
Spray bottle with application solution	N/A	Source locally	Application solution can be made of 1 quart water and 3-4 drops of dish soap
12 ft. step ladder	N/A	Source locally	Reach top of hood in the open position

[Tools Resource Center](#)

SERVICE PARTS INFORMATION

Parts Catalog – [Click Here](#)

Kit Description (only one of below needed per vehicle)	Part Number	Quantity Required	Notes
PRODUCT GRAPHIC, ULTRA MATTE DECAL, CLEAR	4104989C1	1	
PRODUCT GRAPHIC, ULTRA MATTE DECAL, BLACK	4108647C1	1	

WARNING:

Park vehicle on hard flat surface, turn the engine off, set the parking brake, and block the wheels to prevent the vehicle from moving in both directions. Failure to do so may result in property damage, personal injury, and / or death.

CAUTION:

The task will require work above floor level. Prior to beginning work, ensure that the following precautions are taken:

- 1. Park the vehicle on a hard, level surface.**
- 2. Shut the engine off.**
- 3. Ensure that the park brake is set.**
- 4. Place wheel chocks appropriately.**

REPAIR STEP(s)

The Ultra Matte film can be installed on the hood edge surface without removing the hood. With the hood open, a step ladder will provide adequate height to perform the procedure. See Figure 1 below.



Figure #: Hood Access with Step Ladder

1. Ensure the vehicle, ambient, and the anti-glare film are all between 18 and 25 degrees Celcius for good adhesion of the film.

INSTALLATION PROCEDURE:

1. Install wheel chocks.
2. Obtain service information (see hyperlinks below for 3M version of the installation).
3. Obtain service part(s).
4. Obtain service tool(s). Reference 'Special Tools' section above.
5. Open hood.
6. Position tools/glare strip and ladder in front to access the upper most area of the hood (reference photo above).
7. Clean the area of the hood by normal washing. The surface should be free of dirt and debris that would effect adhesion or contaminate the film.
8. Immediately before application, wipe the surface of the hood with ethyl or isopropyl alcohol to remove any silicone, grease or oil residue from the paint surface.
9. Mark the center of the hood and the center of the film.
10. Wet fingers with the application solution to avoid leaving fingerprints on the film.
11. Position film on a clean flat surface with the liner side facing upwards. Pull the liner off at a 180 degree angle and wet the exposed adhesive surface with the application solution.
12. Spray the application solution on the edge of the hood where the film will be applied to thoroughly wet the surface.
13. Center film on hood and align upper edge just next to the radius, but not over it. Slide the film to make minor corrections in position but do not apply pressure.

14. When the film is in the proper position, press down on it using a plastic squeegee starting from the center and working out to the edges. Use moderate pressure to remove bubbles but do not damage the film. Wipe any water escaping from the edges with a lint free cloth.

15. Re-squeegee the film again ensuring the edges are securely adhered. Any air or water bubbles can be removed by puncturing the film gently with a needle or pin and running the squeegee across to evacuate the bubble.

16. **NOTE: The film adhesive will be fully cured in 48 hours. DO NOT wash the vehicle until after that time has elapsed.**

17. Close hood.

18. Return service tool(s)

19. Remove wheel chocks.

For additional information, reference the 3M documents below.

[3M Guidelines](#)

[3M Instructions](#)

WARRANTY INFORMATION

Warranty Claim Coding:

.4 Hrs T-Time

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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