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Coding Information

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Title: Hood Guides Installation

Applies To: LT

CHANGE LOG

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

03/27/2023 - Initial Article Release

DESCRIPTION

This document will guide the user through proper installation of the hood guide plate.
This article applies to LT models that experience hood guide plate coming loose.

SYMPTOM(s)

Customer Observations or Concerns:

Hood guide bracket (s) coming loose, causing excessive noise in the hood latching area.

SERVICE PARTS INFORMATION

NOTE:

Prior to perform the hood guide bracket repair ensure vehicle is not experimenting excessive vibration from other components for example wheel end vibration, incorrect hood alignment that could potentially repeat this issue.

Kit Description	Part Number	Quantity Required	Notes
GUIDE,HOOD, PLATE R	4085744C1	1	If needed
RIVET BLIND	493414C1	2	N/A
GUIDE,HOOD, PLATE L	4085743C1	1	If needed
Poligrip 9100/9120	Locally sourced	1	If Poligrip is not available, use 3M SMC/FRP Repair - 1 Fiberglass Adhesive Manufacture Part Number 08270

Possible Causes:

1. Excessive wheel-end vibration
2. Excessive vibration due to extreme road conditions

REPAIR STEP(s)



To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.



To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.



To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.



To prevent personal injury and / or death or damage to property, remove the ground cable from the negative terminal of the battery before disconnecting any electrical components. Always connect the ground cable last.

1. Park vehicle on flat surface.
2. Shift transmission into Park or Neutral.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.
5. Unlatch and open hood.



Figure 1. Hood Bracker Guide Broken

1. Hood bracket guide
2. Hood assembly

6. Perform inspection of the hood for any other damages that might need to be address.

a. See example of broken hood bracket guide (Figure 1, Item 1) that it can't be reused.

7. Inspect hood guide bracket (s).

a. If the hood guide bracket is broke/damage, request a new hood guide bracket.

b. If the hood guide bracket is **NOT** broken/damage. re-use hood guide bracket.

8. Remove hood guide bracket.

NOTE:

Clean and sanded off any adhesive left in the hood and if the hood guide bracket will be re-use ensure to remove the adhesive.

9. Check if the blind rivet size (part number 493414C1) can properly secure the hood guide bracket, if the hole size is bigger ensure to use the right size of blind rivet..



WARNING:

To prevent personal injury and / or death, or damage to property, do not smoke and keep isopropyl alcohol away from flames and sparks.



WARNING:

To prevent personal injury and / or death, or damage to property, do not let isopropyl alcohol stay on your skin. Clean skin and nails using hand cleaner and wash with soap and water. Wash or discard clothing and rags contaminated with isopropyl alcohol.

10.Using isopropyl alcohol, clean any grease or any other contaminants in the part (s) and surface area prior to add the adhesive to the hood bracket guide.

NOTE:

Ensure to use Pilogrip adhesive or 3M adhesive for this repair.

NOTE:

Ensure not to use any type of silicone based product parts will come apart from the joint

11. Follow the instruction from the adhesive being used for proper the mixing process of the material as needed.

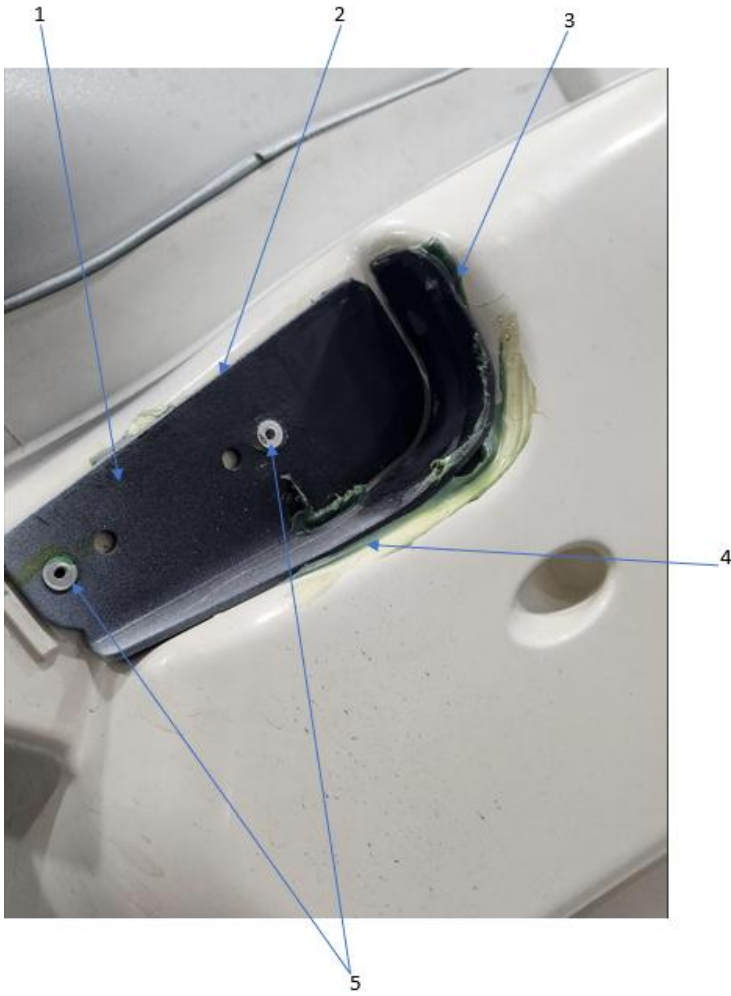


Figure 2. Hood Guide Bracket

1. Hood bracket guide
2. Back side adhesive application
3. Front side adhesive application
4. Bottom side adhesive application
5. Blind Rivet (2)

12. Apply adhesive in the hood area (Figure 2. Item 2, 3, and 4) where the hood guide bracket (Figure 2, Item 1) needs to be installed (left or right side).

13. Secure hood bracket guide using the correct blind rivet size (Figure 2, Item 5).

NOTE:

Ensure to follow adhesive instructions for proper cure time of the material prior to close the hood and release the vehicle to the customer.

14. Close and latch hood.

15. Remove wheel chocks.

WARRANTY INFORMATION

Warranty Claim Coding:

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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