

Left Front Bumper Popped Out Near Headlight and Fender

Service Category Vehicle Exterior

Section Exterior Panels/Trim

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2022 - 2024	IS500	WMI(s): JTH

Introduction

Some 2022 – 2024 model year IS 500 vehicles may exhibit a left front (driver's side) front bumper popped out near the fender and headlight area. Follow the Repair Procedure in this bulletin to address this condition.

Figure 1.



Left Front Bumper Popped Out Near Headlight and Fender

Warranty Information

OP CODE	DESCRIPTION	TIME	OFFP	T1	T2
BD2404	Applying Shim to Both LH and RH Brackets. Applying Epoxy Bead to Both LH and RH Inner Bend of Bumper	2.0	52119-#####*	62	57

*Warranty claim MUST be submitted with the correct 10-digit OFFP. Choose the correct OFFP for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months or 50,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Required Tools & Equipment

MATERIALS	QUANTITY
Zip tie (1 mm x 4 mm x 15 mm)	2
Super Glue Gel (Loctite 234790)	1
Primer (3M PAC Primer K-500)	1
Epoxy (J-B Weld Plastic Bonder SKU: 50139)	1
Static Mixer (J-B Weld SKU: 50099)	1

NOTE

The front bumper should NOT be replaced as part of the Repair Procedure.

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Repair Procedure

1. Confirm the condition exists.
Does the vehicle exhibit the driver's side front bumper popped out near the fender and headlight area as shown in Figure 1?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

NOTE

The concern ONLY affects the left (driver's side) of the bumper; however, to avoid creating an appearance concern, perform this procedure to BOTH the left-hand and right-hand sides of the bumper.

Figure 2. Vehicle Exhibiting Condition



2. Remove the front bumper assembly and place it on a bench.
Refer to TIS, applicable model and model year Repair Manual:
 - [2022 – 2024](#) IS 500:
Vehicle Exterior – Exterior Panels / Trim – Front Bumper (for Standard) – Removal

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Repair Procedure (continued)

3. On the outer bumper tabs, with your fingers, apply pressure to bring the front tab up into its original position in the order shown in the figures below.

Figure 3. Tab Before Adjustment



Figure 4. Tab During Adjustment



Figure 5. Tab After Adjustment



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Repair Procedure (continued)

4. Clean the inner bend of the bumper with primer and let the bumper dry.

NOTE

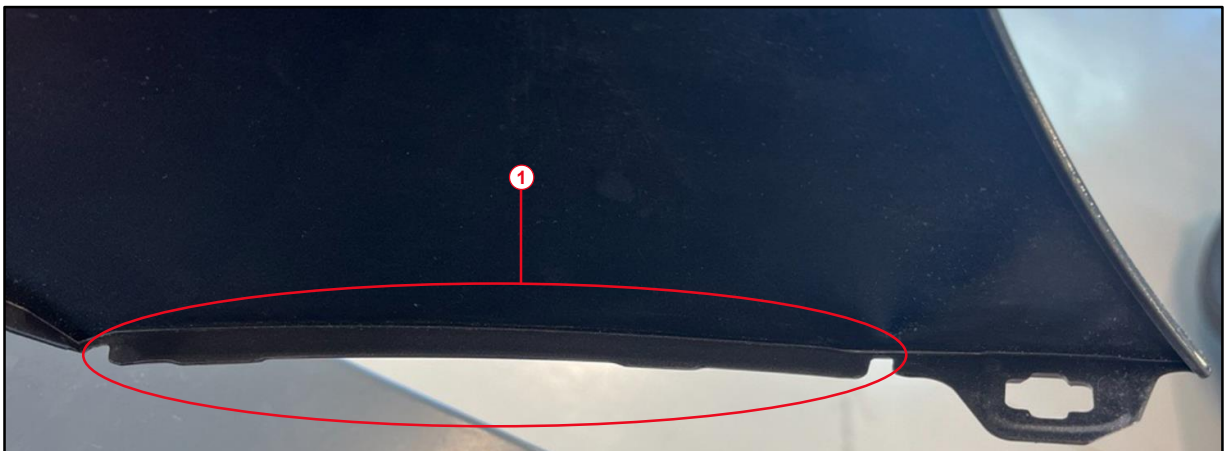
Apply primer to BOTH the left-hand and right-hand inner bend.

Figure 6. Vehicle Bumper



1 Inner Bend of Bumper

Figure 7. Inner Bend of Bumper



1 Area to be Cleaned With Primer

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Repair Procedure (continued)

- With the static mixer installed on the epoxy syringe, apply a steady 1 mm diameter bead of epoxy along the inner bend on both the left-hand and right-hand side of the bumper as shown below.

NOTE

Let epoxy cure for at least 15 minutes.

Figure 8. Start Point

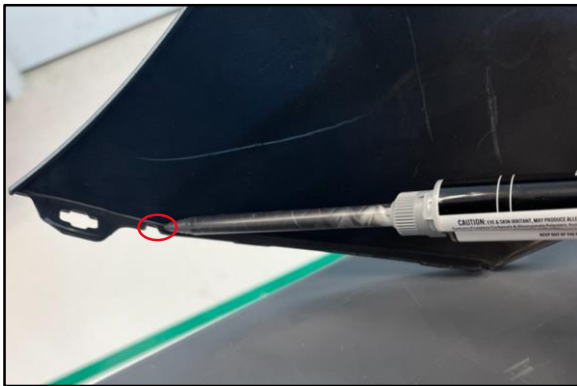


Figure 9. End Point



Figure 10. Left-hand Side Bead Applied



Figure 11. Right-hand Side Bead Applied



- Remove BOTH front bumper side retainers.
Refer to TIS, applicable model and model year Repair Manual:

- [2022 – 2024](#) IS 500:

Vehicle Exterior – Exterior Panels / Trim – Front Bumper (for Standard) – Disassembly

NOTE

Perform ONLY steps 36 and 37.

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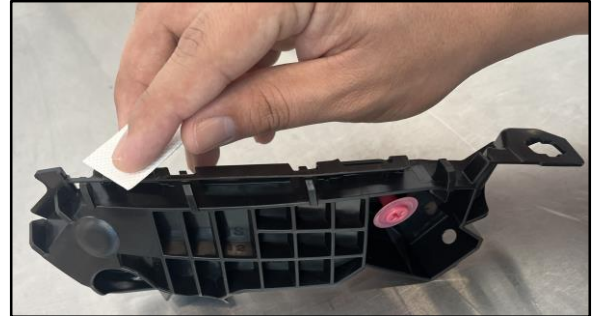
Repair Procedure (continued)

- Using primer, clean the prep area for BOTH retainers as shown.

NOTE

Apply primer to BOTH the left-hand and right-hand retainer bracket.

Figure 12.



- Cut the head of the zip tie as shown.

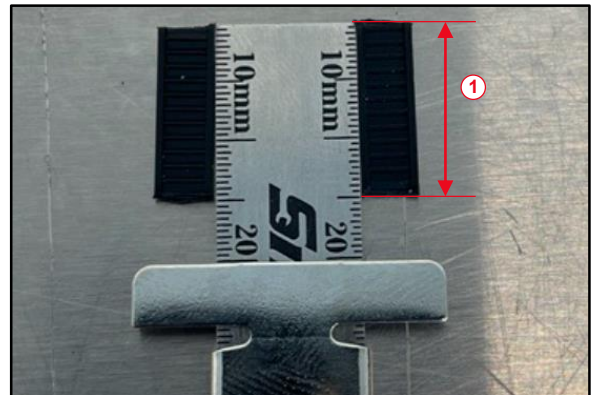
Figure 13.



- Cut two strips from a zip tie with the following length:

Length: 15.0 mm (0.59 in.)

Figure 14. Two 15 mm Long Strips



1	Length
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Repair Procedure (continued)

10. Apply a 1 mm diameter bead of super glue gel on the top side of the bracket in the front hook location as shown.

Figure 15.



1	Super Glue Gel Application Area
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11. Center and set one of the 15 mm long strips onto the super glue gel as shown.

Figure 16.



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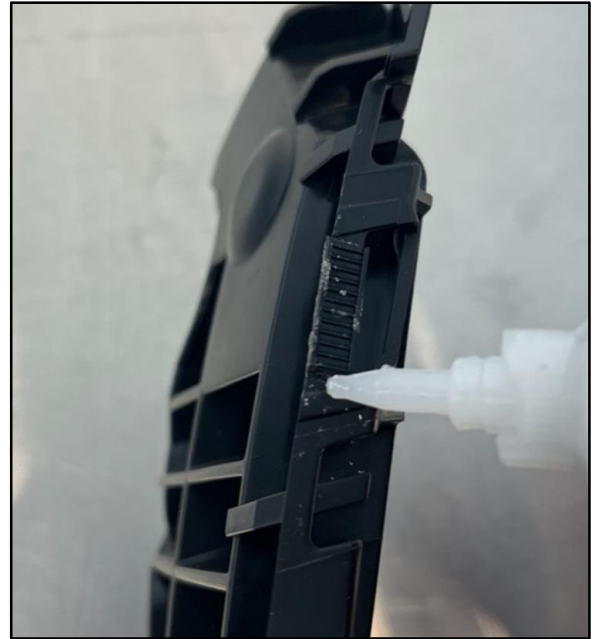
Repair Procedure (continued)

12. Add a small bead of super glue gel to both ends of the strip as shown below.

Figure 17. Top Bead Location



Figure 18. Bottom Bead Location



NOTE

Let the super glue gel cure for at least 5 minutes.

13. Repeat steps 10 – 12 to the other bracket.
14. Reinstall both front bumper side retainer brackets.
Refer to TIS, applicable model and model year Repair Manual:
 - [2022 – 2024](#) IS 500:
Vehicle Exterior – Exterior Panels / Trim – Front Bumper (for Standard) – Reassembly

NOTE

Perform ONLY steps 1 and 2.

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Repair Procedure (continued)

15. Reinstall the front bumper assembly.

Refer to TIS, applicable model and model year Repair Manual:

- [2022 – 2024](#) IS 500:

Vehicle Exterior – Exterior Panels / Trim – Front Bumper (for Standard) – Installation

NOTE

When engaging the bumper tabs to the bracket hooks, listen for a click noise as the tabs are fully seated behind the hooks.

16. Inspect vehicle and confirm the condition no longer exists.

Figure 19.

