

ATTENTION: This Technical Service Bulletin was issued by Gulf States Toyota, Inc.

For Toyota Dealers located in the Gulf States Toyota Region: Please refer to GST Dealer Daily to obtain instructions on how to order parts and submit a warranty claim (If applicable).

For Toyota Dealers *NOT* located in Texas, Oklahoma, Mississippi, Arkansas or Louisiana: Please contact GST Accessory Technical Support at 1-800-444-1074 for Repair Authorization, Parts Ordering, and Warranty Claims.

Thank you for your continued support.

GST Blackout Package Wheel Bumper/Fender Interference

Service Category: Suspension**Section:** Tire/Wheel**Market:** USA

Applicability

YEAR	MODEL	INSTALLED ACCESSORY INFORMATION	
		DESCRIPTION	ACCESSORY LIO CODE
2020	4Runner	Blackout Package	BA

This publication does not apply to vehicles originally equipped with factory alloy wheels or wheels added by other manufacturers.

Introduction

Some 2020 model year 4Runner vehicles equipped with GST installed wheels that are part of its Blackout Package (BA) may exhibit an abnormal noise when in Reverse with the wheels at or near full lock due to interference between the tire and bumper and/or fender liner. Follow the Repair Procedure in this bulletin to address this condition.

GST Blackout Package Wheel Bumper/Fender Interference

Warranty Information

Model	4Runner Model Year 2020 (Invoice date 10/17/2019 to 12/3/2019)
Operation Code	B19011
Failed Part	None
TSB No.	TS05
Trouble Code	99
Labor Time	1.0
Replacement Part	PTR25-89150
Replacement Part Quantity	01
Condition	Abnormal Noise
Cause	Tire Interference with Bumper/Fender
Remedy	Bumper/Fender Trim
Sublet	Not Allowed

NOTE

- Please reference the Warranty Instructions on how to file a claim for this TSB in Dealer Daily under the Warranty Tab.
- Search for TS05

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 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.

GST Blackout Package Wheel Bumper/Fender Interference

Parts Information

Part Number	Part Description	Quantity
PTR25-89150	4RUNNER WHL TRIM KIT*	1

*Contents of 4Runner WHL TRIM KIT	Quantity
LH and RH Bumper Cover Marking Templates	1 Each
3M™ Foam Sanding Block	1
Clamp	1
Modified Channellock Cutting Plier	1
LH and RH Metal Fender Liner Templates	1 Each
Double-sided Foam Tape	1

Required Tools & Equipment

Special Service Tools (SST)	Part Number	Quantity
Plastic Pry Tool Kit*	00002-06020-01	1

*Essential SST.

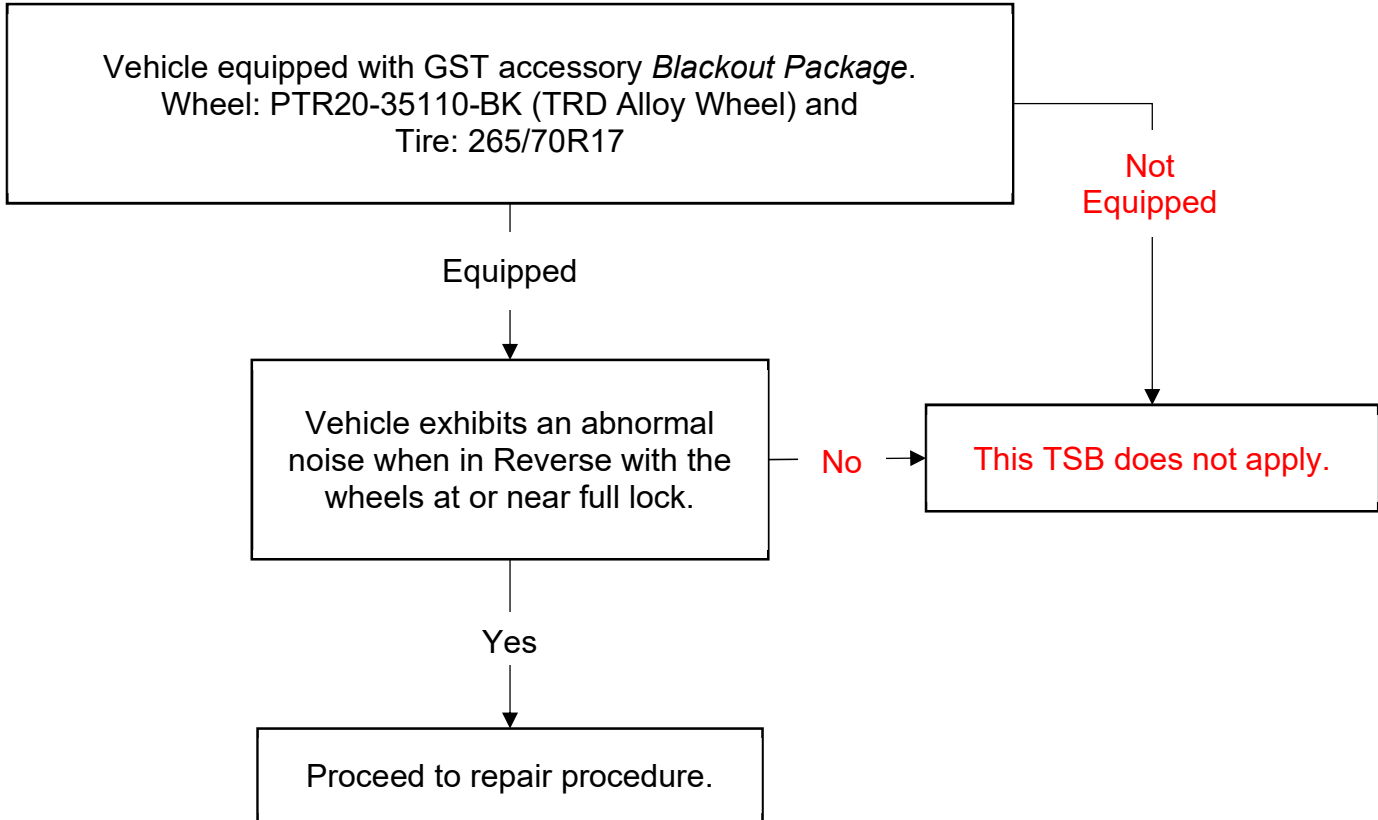
NOTE

Additional SSTs may be ordered by calling 1-800-933-8355.

Required Tools & Material	Quantity
Electric Drill	1
Step Drill Bit	1
Wax Pencil	1
Center Punch	1
Cutters	1
Lint-free Cloth	1
Masking Tape	As Needed

GST Blackout Package Wheel Bumper/Fender Interference

Repair Overview



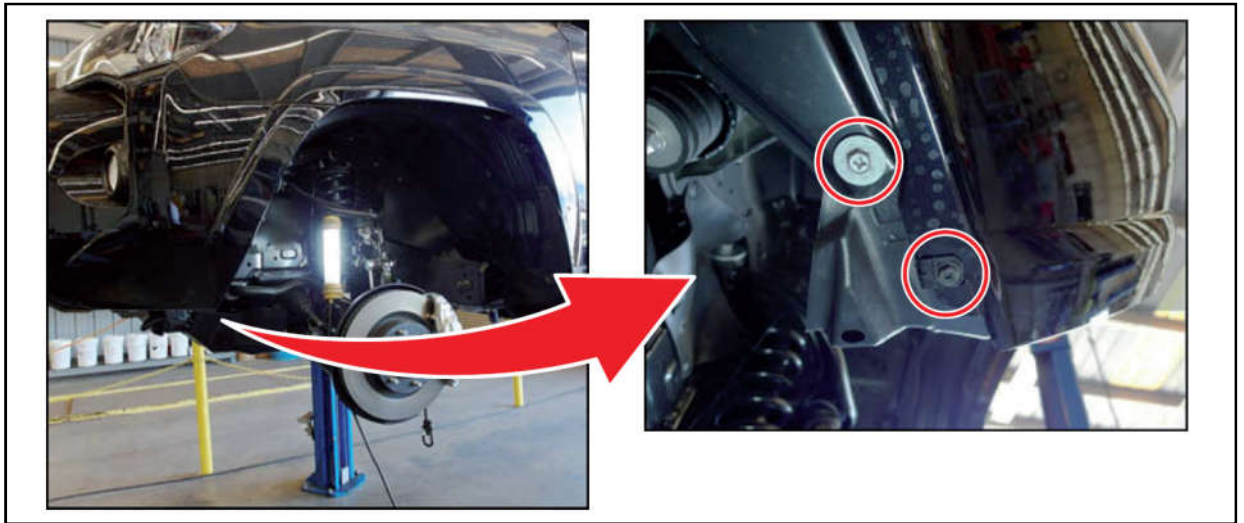
GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure

Fender Liner Modification

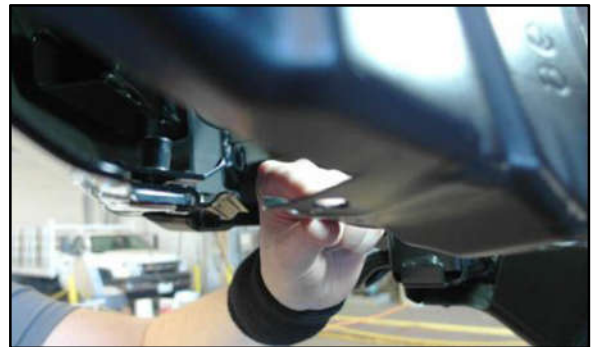
1. Confirm the abnormal noise condition described in the Introduction.
2. Remove the front wheels.
3. Beginning with the driver side, remove the two fasteners on the lower side of the fender liner.

Figure 1.



4. Unclip the fender liner and carefully pull it toward the rear of the vehicle.

Figure 2.



GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Fender Liner Modification (continued)

5. Install the driver side metal fender liner template (from the TRD Pro trim kit) on the front side of the fender liner.

NOTE

Make sure to place the alignment pins into the two existing holes.

Figure 3.



Figure 4.



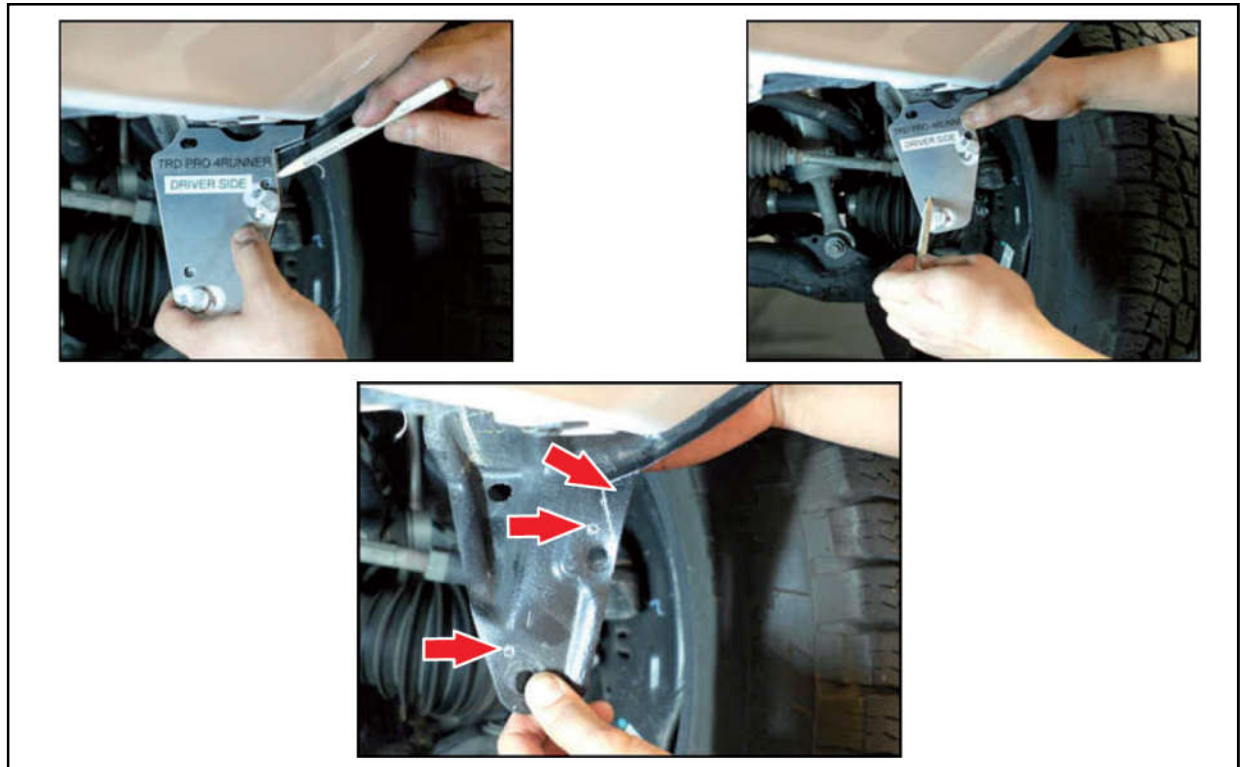
GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Fender Liner Modification (continued)

6. Use a wax pencil to outline two NEW holes and the area to be removed.

Figure 5.



7. Use a center punch to mark the center of the two holes and remove the template.

GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Fender Liner Modification (continued)

- Using cutters, remove the marked plastic area as shown.

Figure 6.

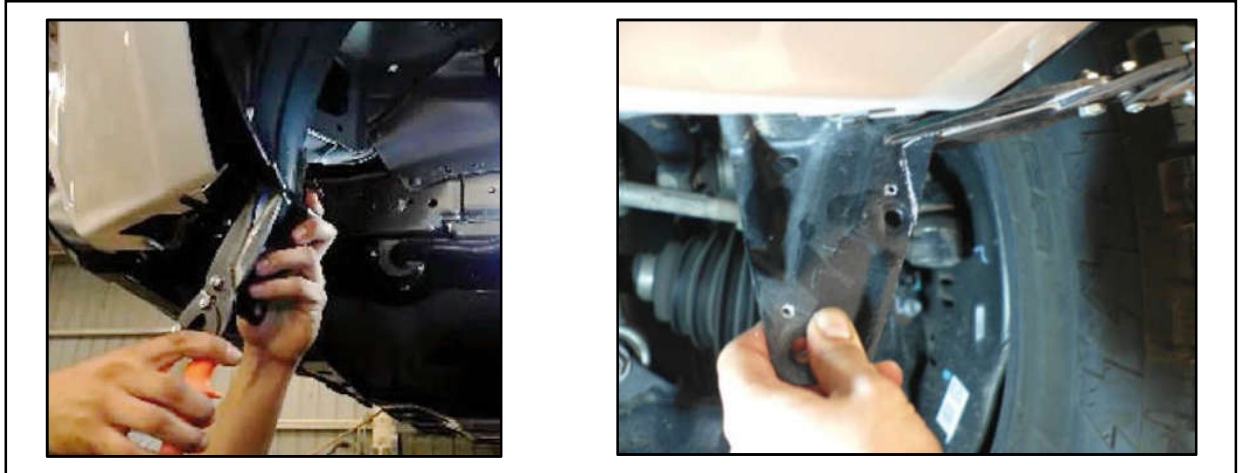
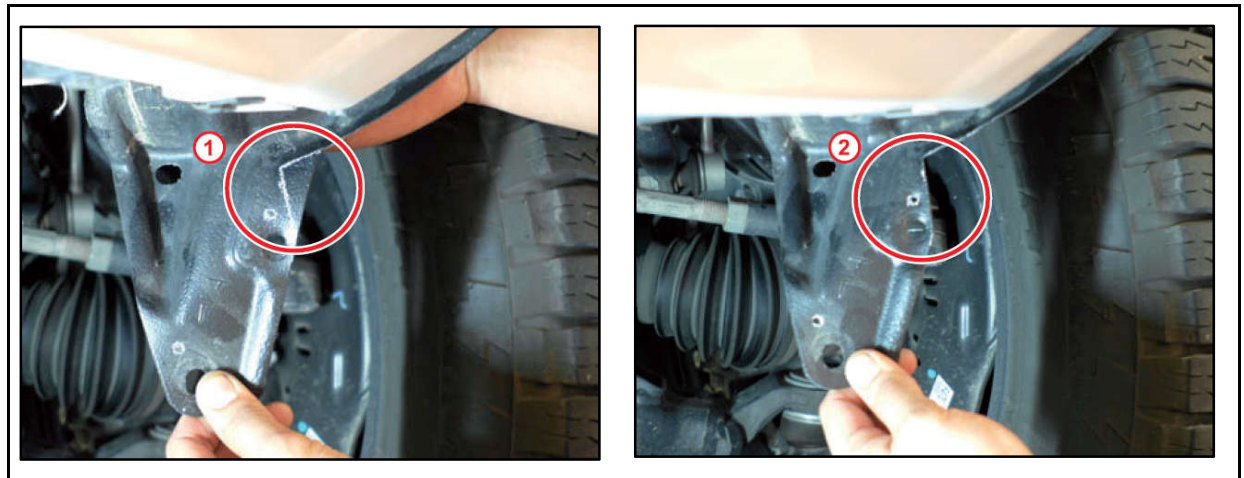


Figure 7.



1	Before Cut
2	After Cut

GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

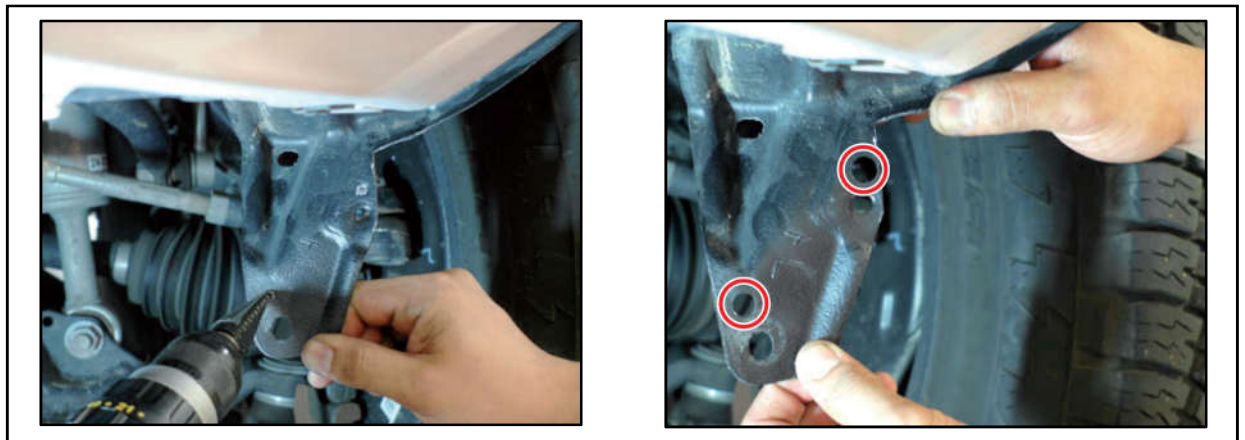
Fender Liner Modification (continued)

9. Using the step drill bit, drill two holes in the fender liner at the identifying marks.

NOTE

Set the drill stop to 5/16 in. – 3/8 in. (8 mm – 9 mm) and drill both sides to remove the flash from the fender liner.

Figure 8.



10. Repeat the same procedure for the passenger side.

NOTE

Make sure to use the passenger side template.

GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

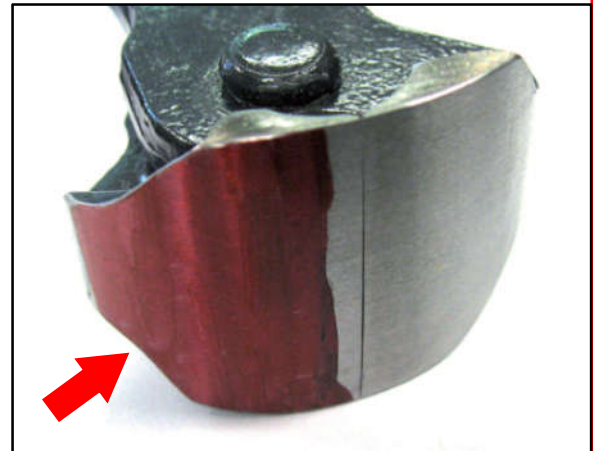
Front Bumper Cover Modification

PRECAUTIONS AND PROPER USE OF CUTTING PLIERS

BEFORE proceeding, it is important to understand the proper use of the cutting pliers. Read this section thoroughly to ensure proper use BEFORE front bumper cover modification.

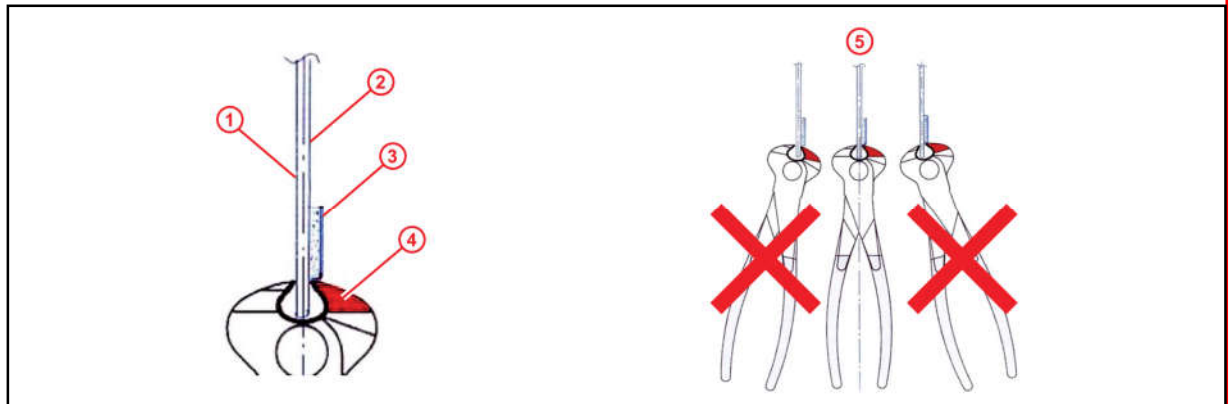
- One side of the pliers is marked red. THE RED SIDE OF THE PLIERS IS TO BE USED AGAINST THE PAINTED SURFACE ONLY (paint against paint).

Figure 9. Red Side



- When holding the cutting pliers in place, it is important to keep the pliers at a 90-degree angle as shown.

Figure 10.



1	Bumper Cover
2	Paint
3	Tape

4	Red Jaw
5	90-Degree Edge to Surface

GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

PRECAUTIONS AND PROPER USE OF CUTTING PLIERS (continued)

- Do NOT make full cuts across the face of the bumper cover.
- ONLY MAKE HALF CUTS BEFORE MOVING TO MAKE THE NEXT CUT.

NOTICE

Failure to make ONLY half cuts may result in uneven cuts, a wavy appearance, or bumper replacement.

Figure 11. Top to Bottom

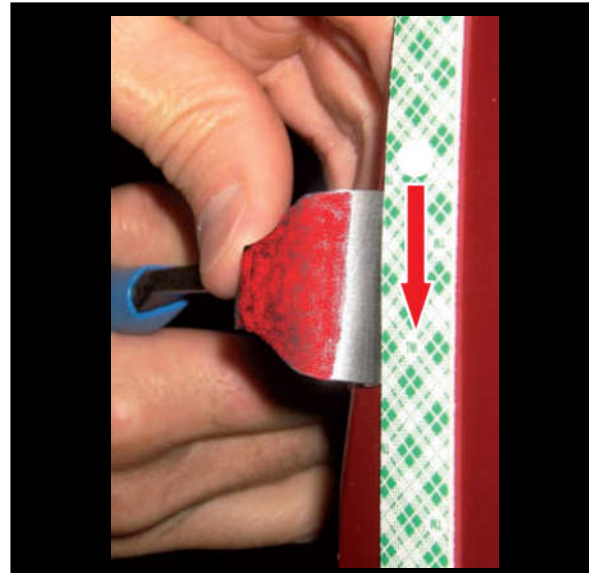
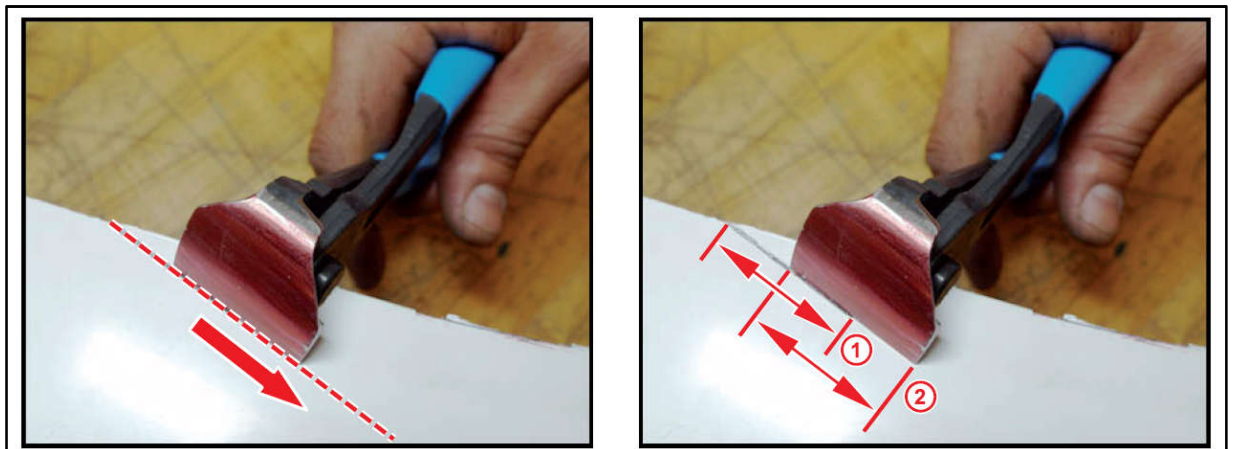


Figure 12. Half Cuts Along Same Line



1 Cut 1

2 Cut 2

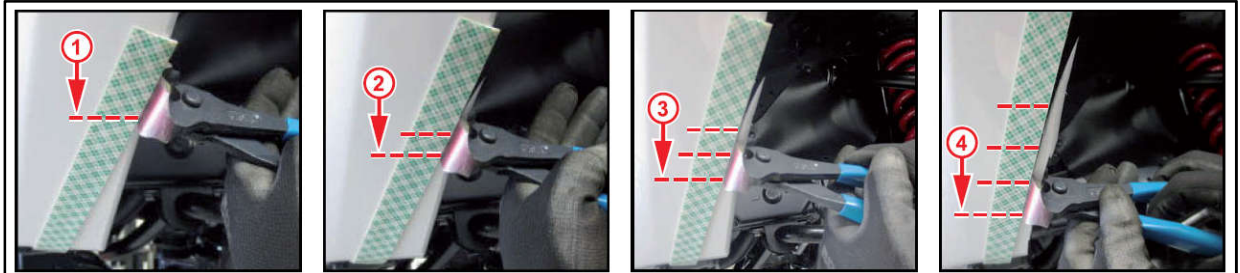
GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

PRECAUTIONS AND PROPER USE OF CUTTING PLIERS (continued)

Figure 13. Examples of Half Cuts

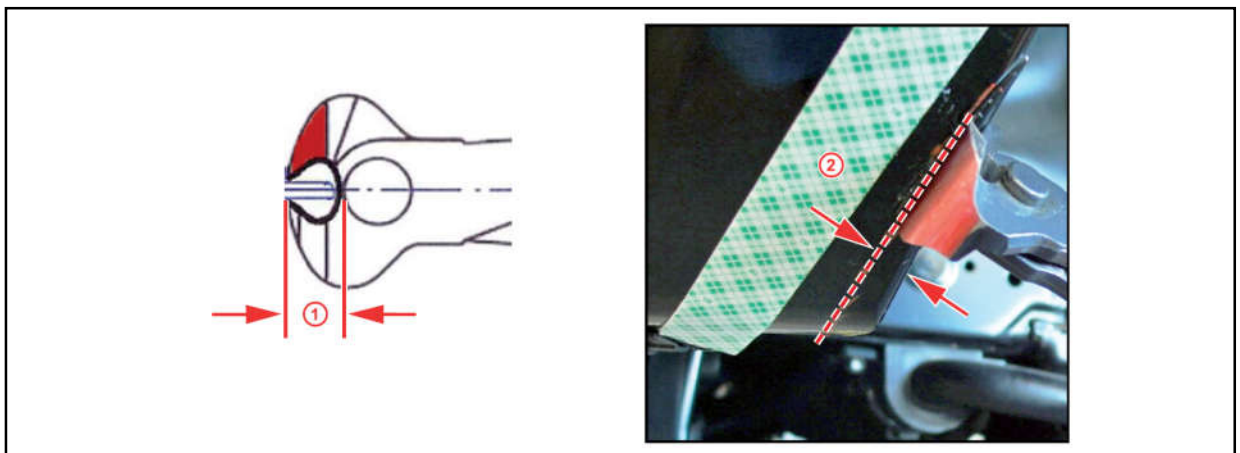


1	Cut 1
2	Cut 2

3	Cut 3
4	Cut 4

- The depth of the cutting pliers is less than the maximum depth of the area to be removed.
- It is necessary to first make a preliminary cut to remove approximately half of the area (between the arrows).

Figure 14.



1	Depth of Cutting Pliers
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2	Area of Removal (Between Rows)
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GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

PRECAUTIONS AND PROPER USE OF CUTTING PLIERS (continued)

Figure 15. Good Example

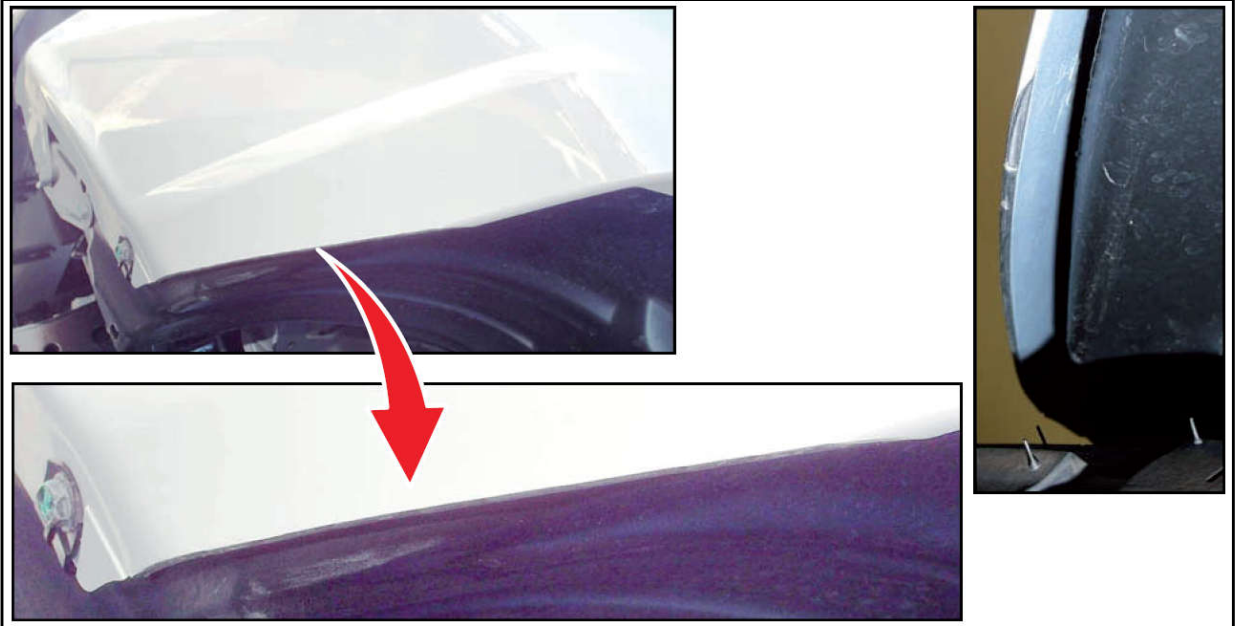
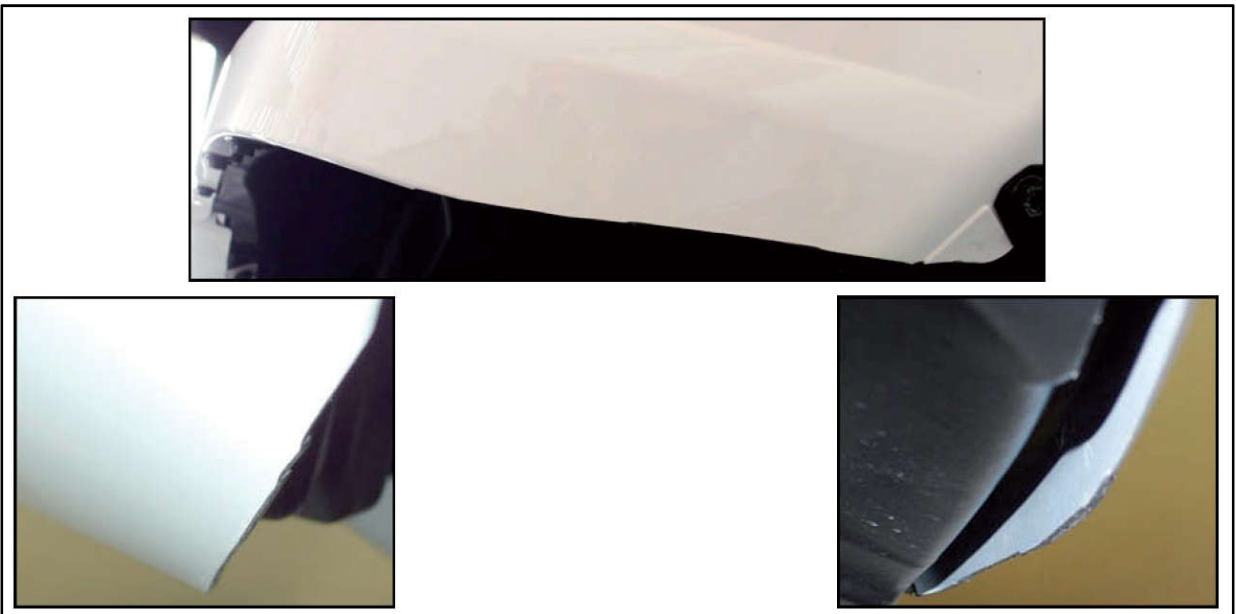


Figure 16. Bad Example



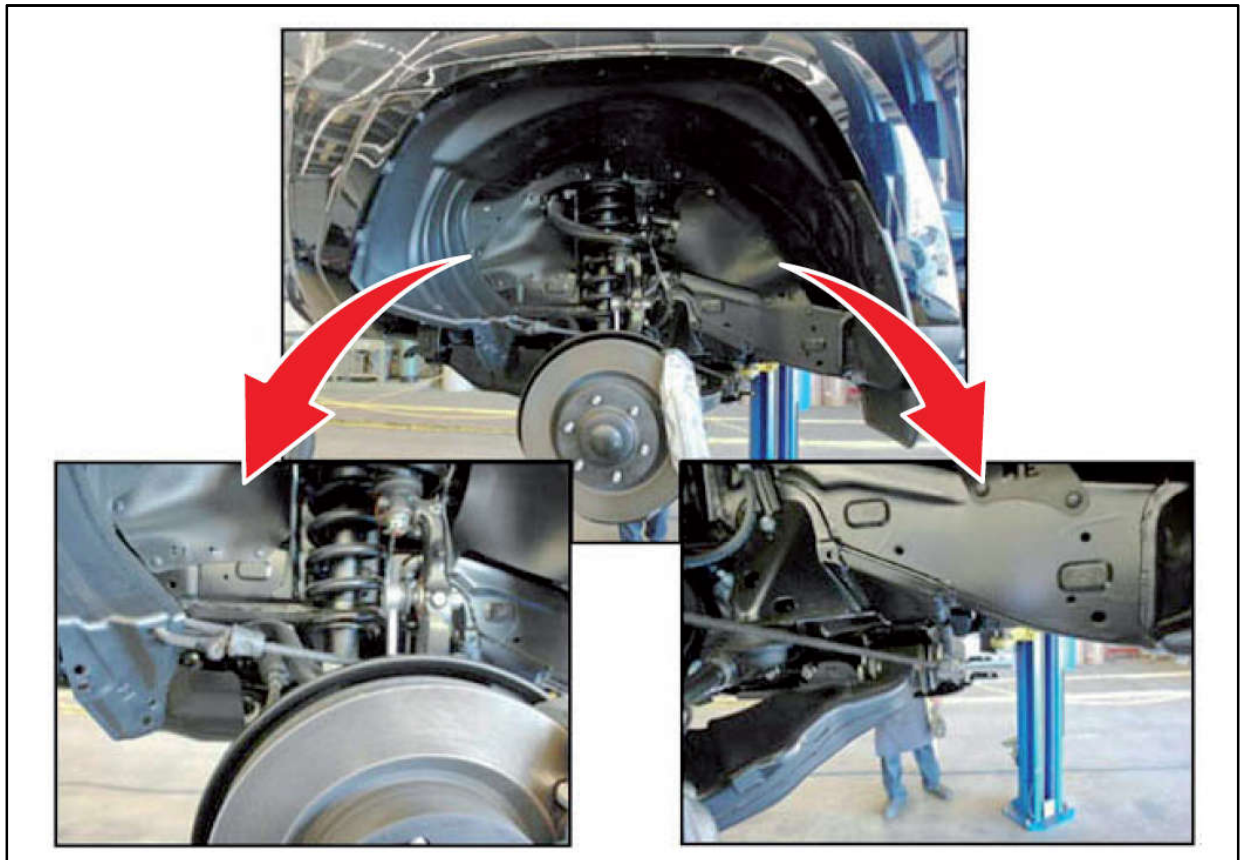
GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

1. Carefully pull the fender liner back and secure it to the lower control arm.

Figure 17.



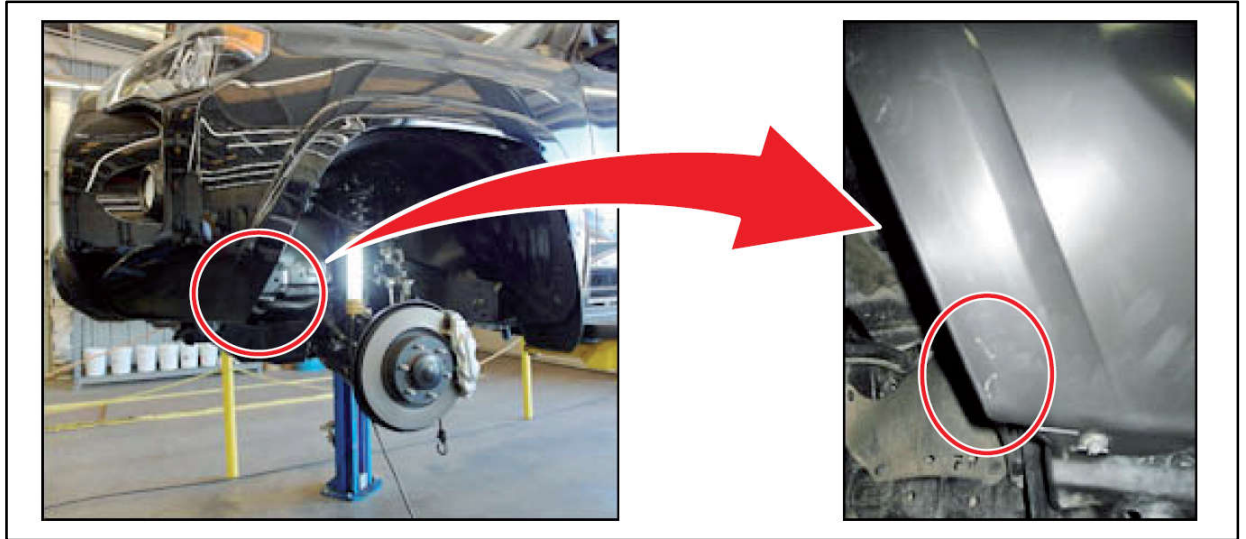
GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

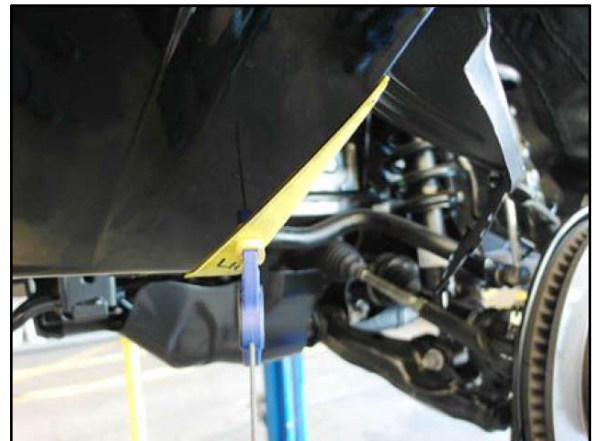
- Using warm water and a lint-free cloth, clean the work area, ensuring ALL debris is removed.

Figure 18.



- Locate the left-hand bumper template and secure it to the bumper cover with a clamp.

Figure 19.



GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

4. Cut an 8-in. (203 mm) strip of double-sided foam tape and apply it to the edge of the marking template. Ensure the tape is straight and flush against the template.

NOTE

- Do NOT remove the backing from the tape.
- A NEW piece of tape MUST be used when repeating this step for the opposite side.

Figure 20.



5. Remove the marking template and clamp.

Figure 21.



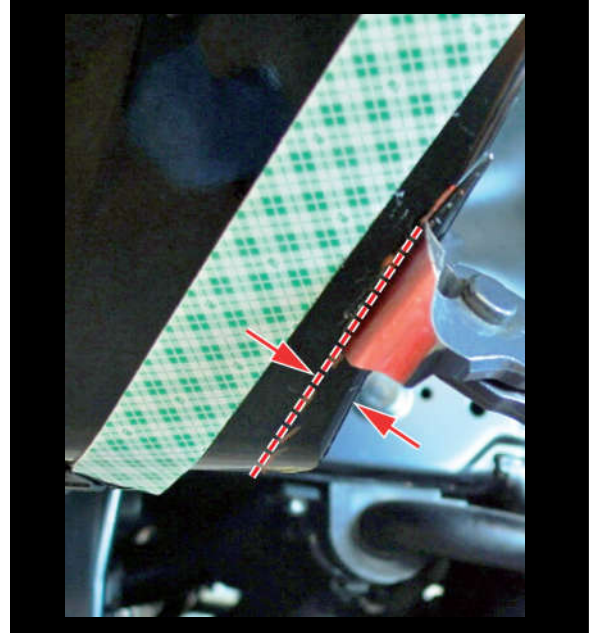
GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

6. Make the preliminary cut, removing approximately half of the area (between the arrows).

Figure 22.

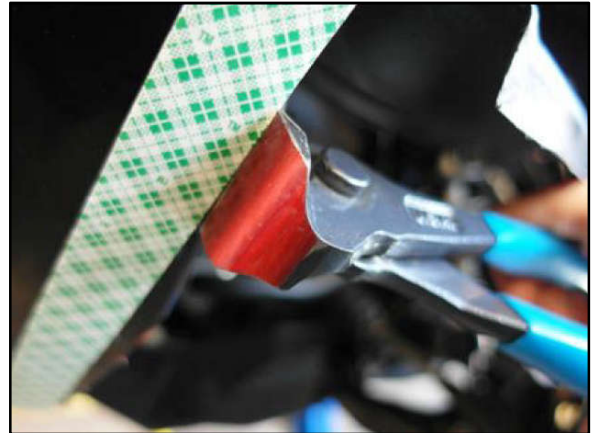


7. Starting at the outer edge, trim along the tape working toward the inside with overlapping cuts.

NOTICE

BEFORE each cut, ensure the cutting pliers are held at a 90-degree angle and rest against the tape. Failure to do so may result in uneven cuts and bumper cover replacement.

Figure 23.



GST Blackout Package Wheel Bumper/Fender Interference

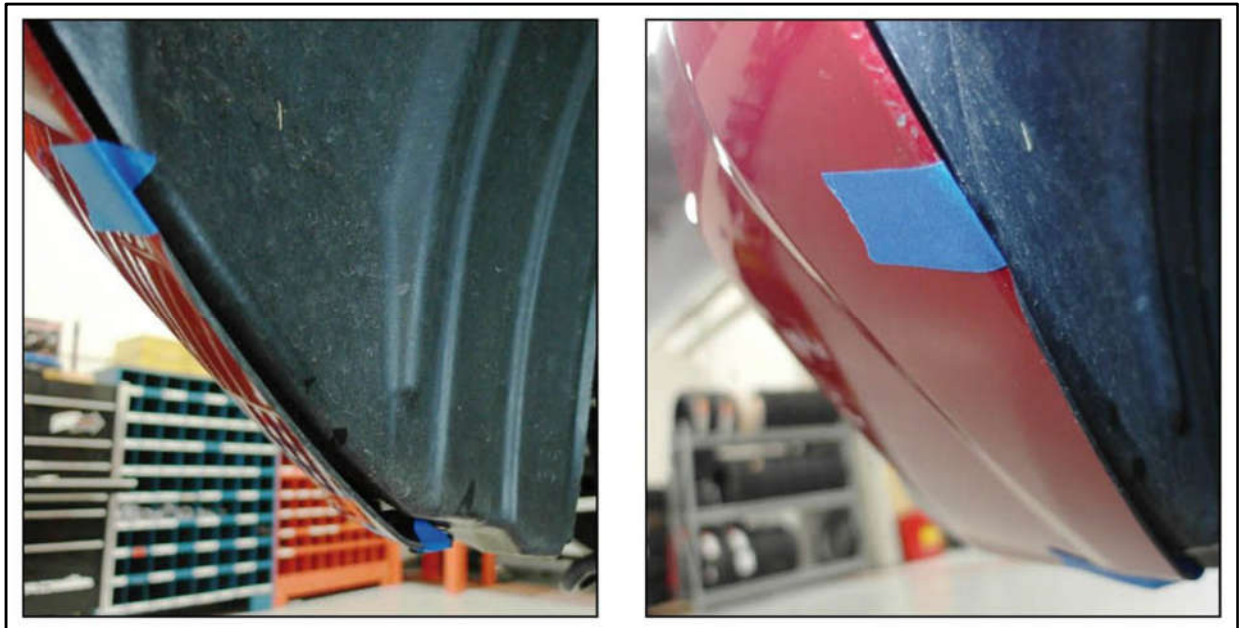
Repair Procedure (continued)

Front Bumper Cover Modification (continued)

8. Once the cutting is complete, remove the tape.

9. Apply masking tape to the painted edge of the bumper cover just above and below the top of the cut.

Figure 24.



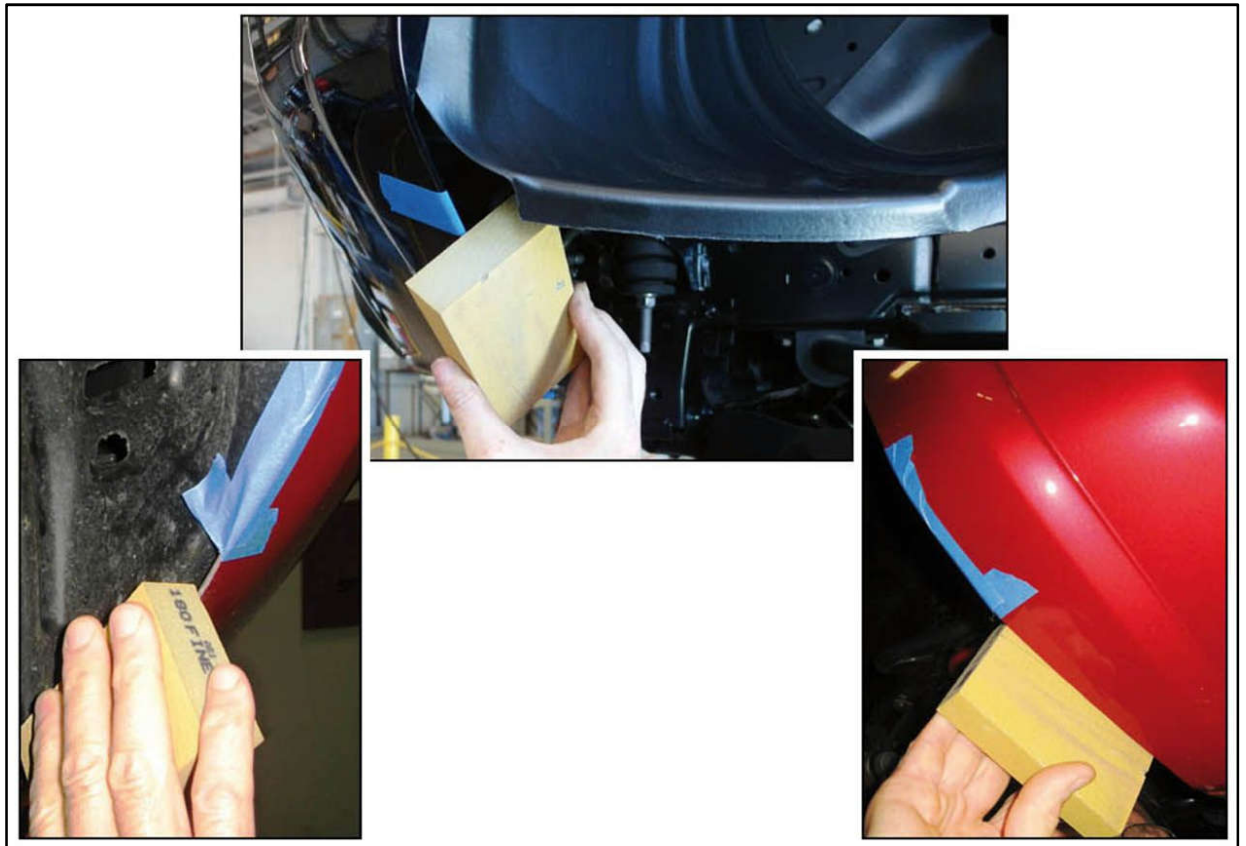
GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

10. Use the foam sanding block to lightly sand the cut edges to remove any sharp edges or burrs. When sanding, use light pressure and keep the block square with the edge. Only a few strokes should be required to ensure the edges are smooth.

Figure 25.



11. Remove the tape and clean the bumper surface as performed in step 2.
12. Return the fender liner back to its original position and reinstall the two fender liner fasteners.

NOTE

- The fasteners **MUST** be inserted into the two **NEW** holes drilled in step 9 of the Fender Liner Modification section.
- The silver fastener **MUST** be in the front location and the black fastener in the rear location.

GST Blackout Package Wheel Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

13. Using your hands, verify the fender liner and bumper are flush.

Figure 26.



14. Repeat both procedures (Fender Liner Modification and Front Bumper Cover Modification) on the passenger side of the vehicle.
15. Install the front wheels.
Refer to TIS:
Accessory – Accessories Installation – [“TRD Alloy Wheel PTR20-35110-BK Matte Black”](#)