

TRD Pro Bumper/Fender Interference

Service Category Suspension

Section Tire/Wheel

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2015 - 2018	4Runner	

REVISION NOTICE

January 14, 2019 Rev2:

- Applicability has been updated to include 2018 model year 4Runner vehicles.

September 19, 2017 Rev1:

- Applicability has been updated to include 2016 – 2017 model year 4Runner vehicles.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2015 – 2018 model year TRD Pro edition 4Runner vehicles 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.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BD1505	Fender/Bumper Trim Modification	1.0	52119-35914	94	57

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.

TRD Pro Bumper/Fender Interference

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
	PTR25-89150	4Runner TRD Pro Trim Kit*	1

*CONTENTS OF 4RUNNER TRD PRO TRIM KIT	QTY
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	QTY
Plastic Pry Tool Kit*	00002-06020-01	1

* Essential SST.

NOTE
Additional SSTs may be ordered by calling 1-800-933-8335.

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

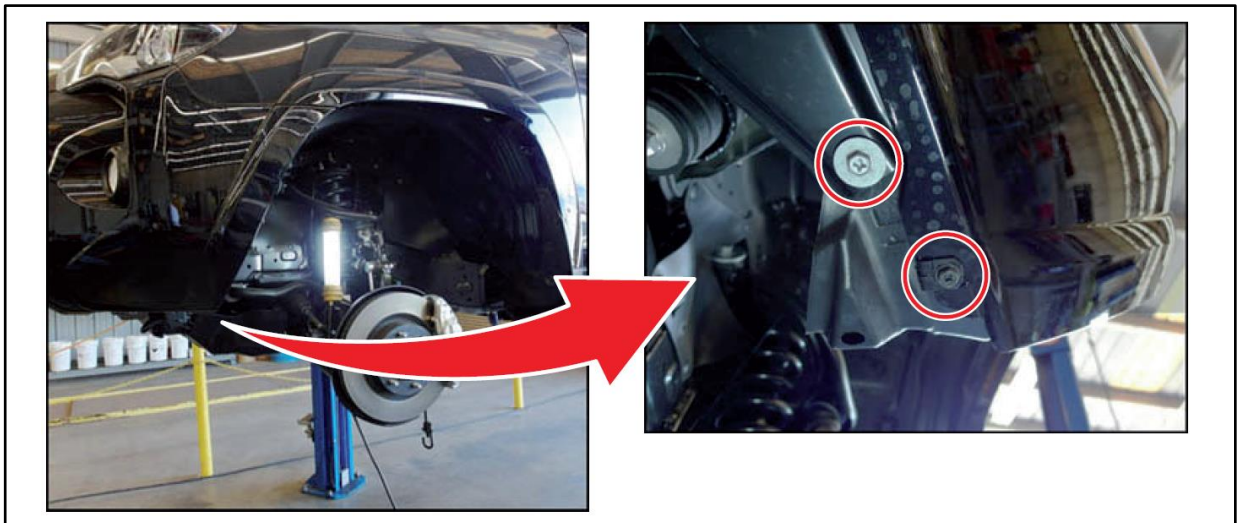
TRD Pro Bumper/Fender Interference

Repair Procedure

Fender Liner Modification

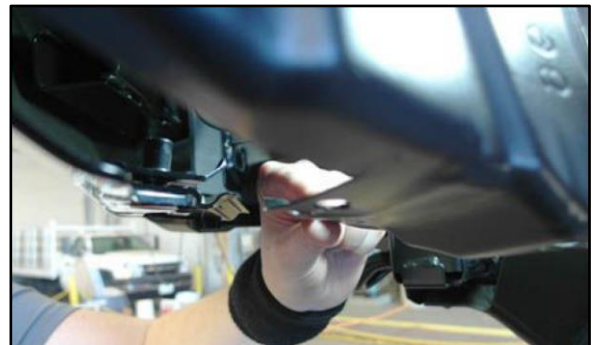
1. Confirm the abnormal noise condition described in the Introduction.
2. Remove the front wheels.
3. Beginning with the driver side, remove the two fasteners on the lower side of the fender liner.

Figure 1.



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

Figure 2.



TRD Pro 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.

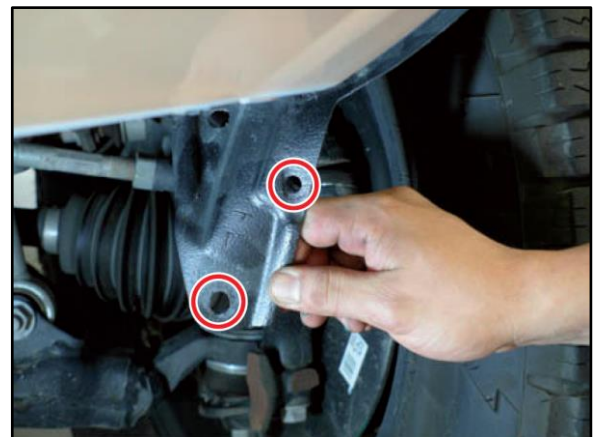
NOTE

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

Figure 3.



Figure 4.



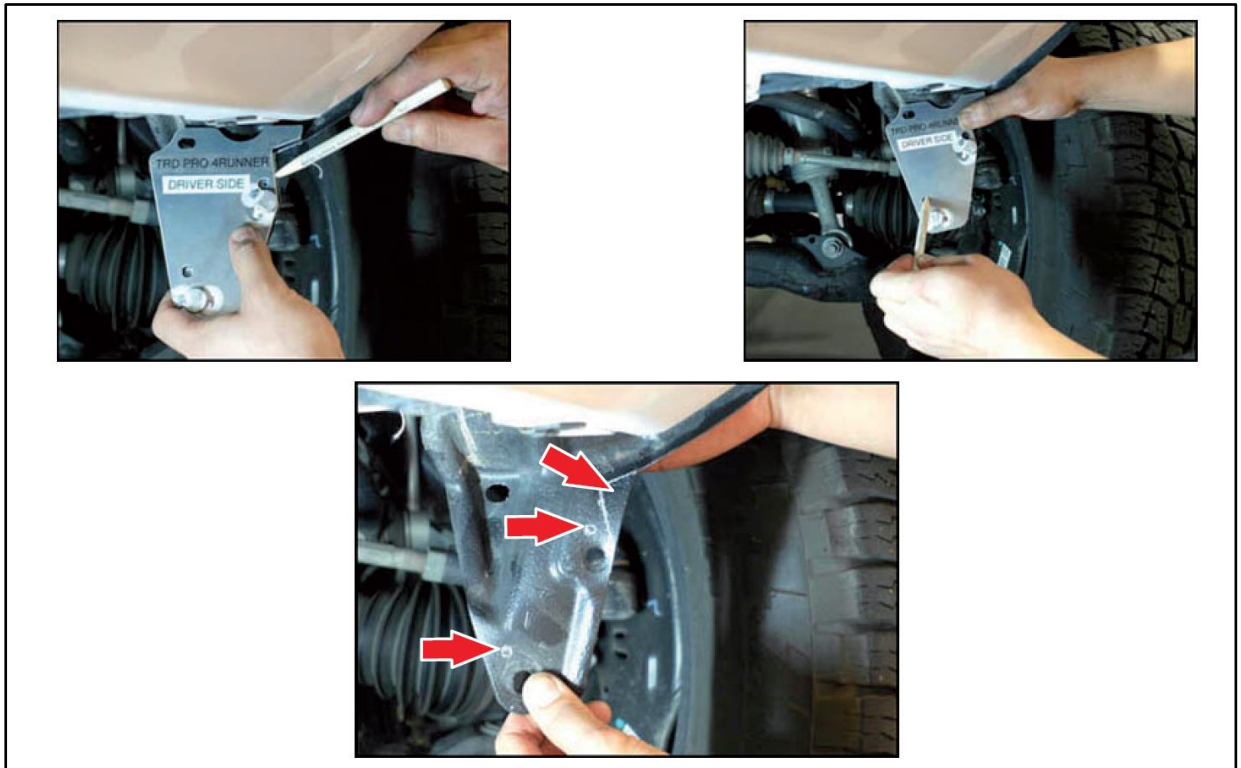
TRD Pro Bumper/Fender Interference

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.

TRD Pro Bumper/Fender Interference

Repair Procedure (continued)

Fender Liner Modification (continued)

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

Figure 6.

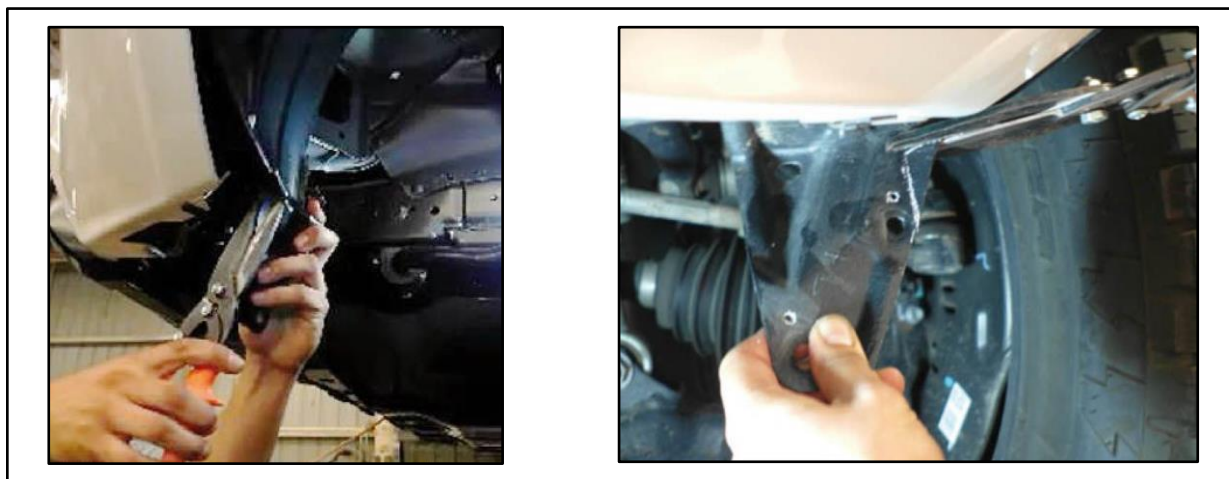
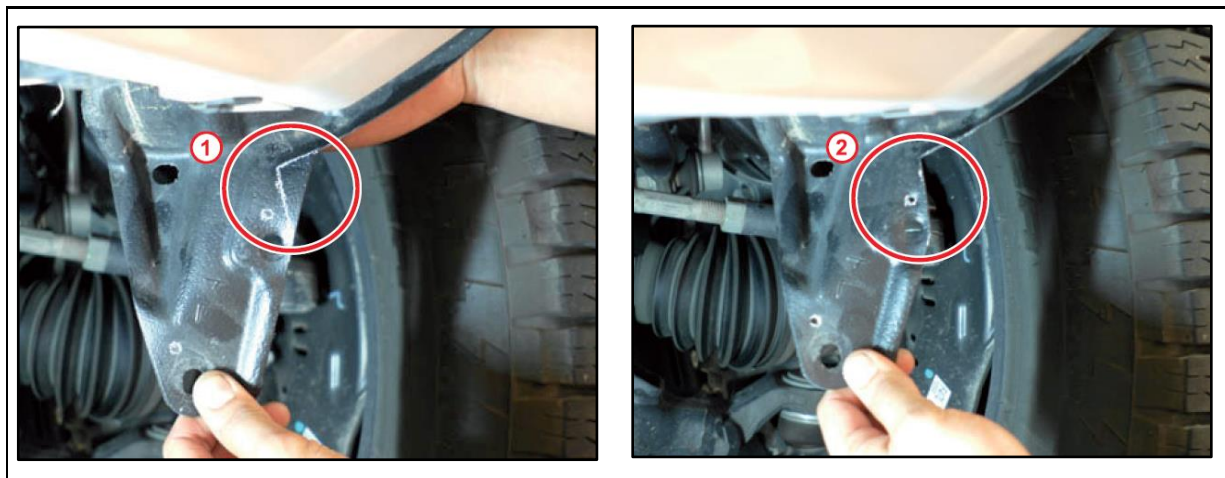


Figure 7.



1	Before Cut
2	After Cut

TRD Pro Bumper/Fender Interference

Repair Procedure (continued)

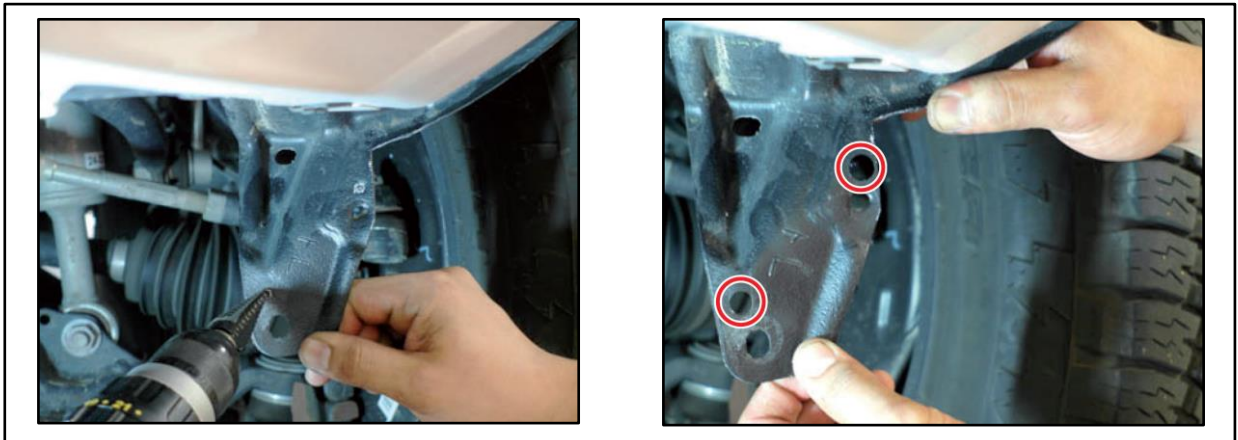
Fender Liner Modification (continued)

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

NOTE

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

Figure 8.



- Repeat the same procedure for the passenger side.

NOTE

Make sure to use the passenger side template.

TRD Pro Bumper/Fender Interference

Repair Procedure (continued)

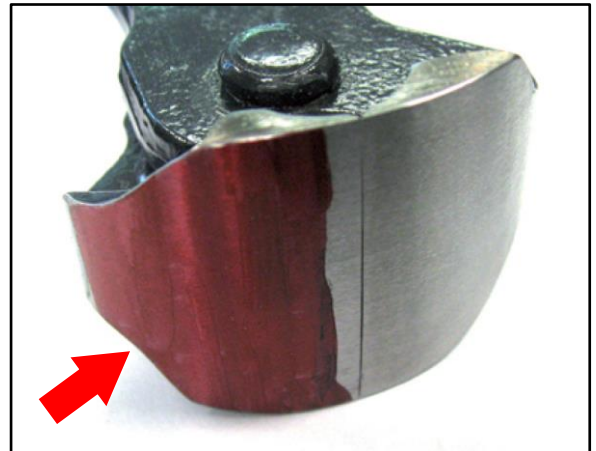
Front Bumper Cover Modification

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.

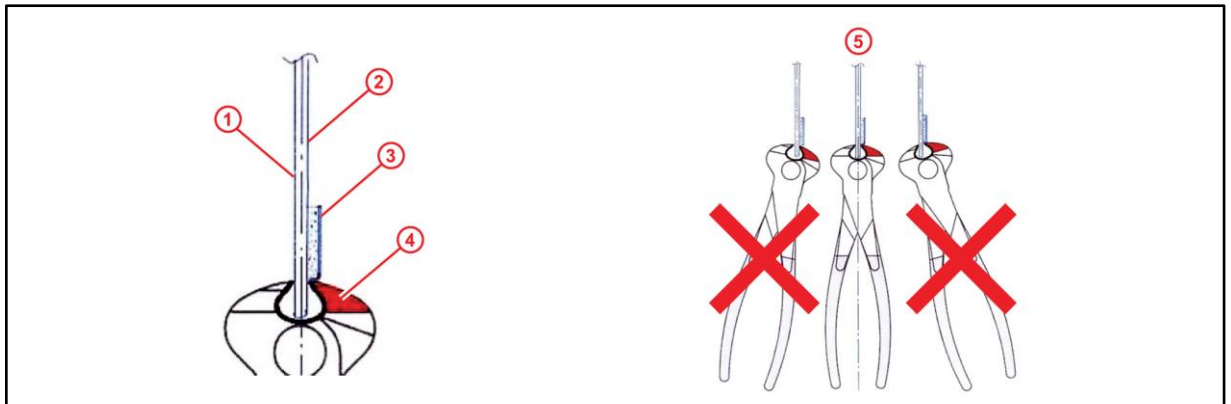
- One side of the pliers is marked red. THE RED SIDE OF THE PLIERS IS TO BE USED AGAINST THE PAINTED SURFACE ONLY (paint against paint).

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

TRD Pro 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.

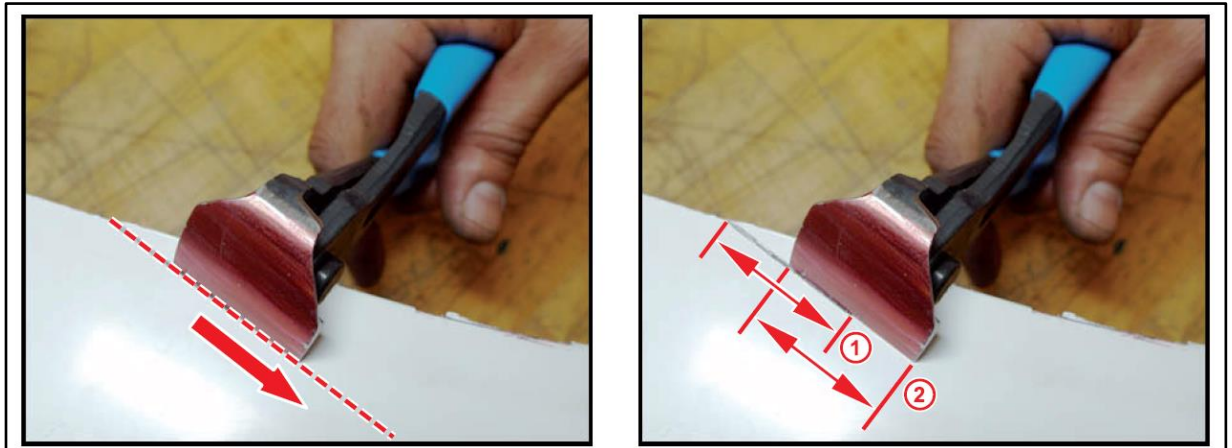
NOTICE

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
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2	Cut 2
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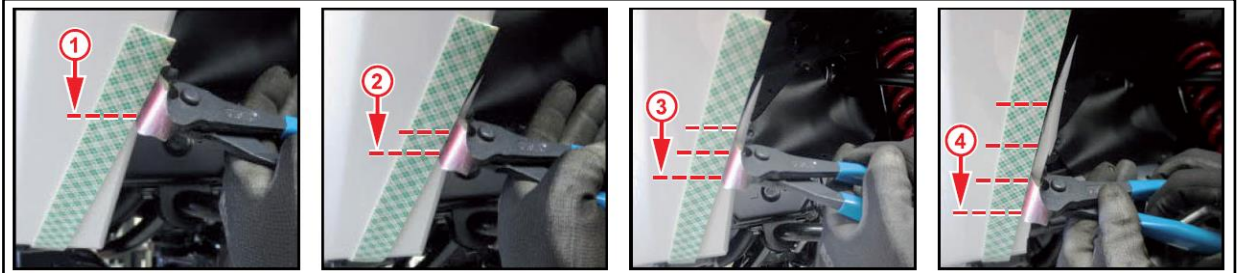
TRD Pro Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

PRECAUTIONS AND PROPER USE OF CUTTING PLIERS (continued)

Figure 13. Examples of Half Cuts

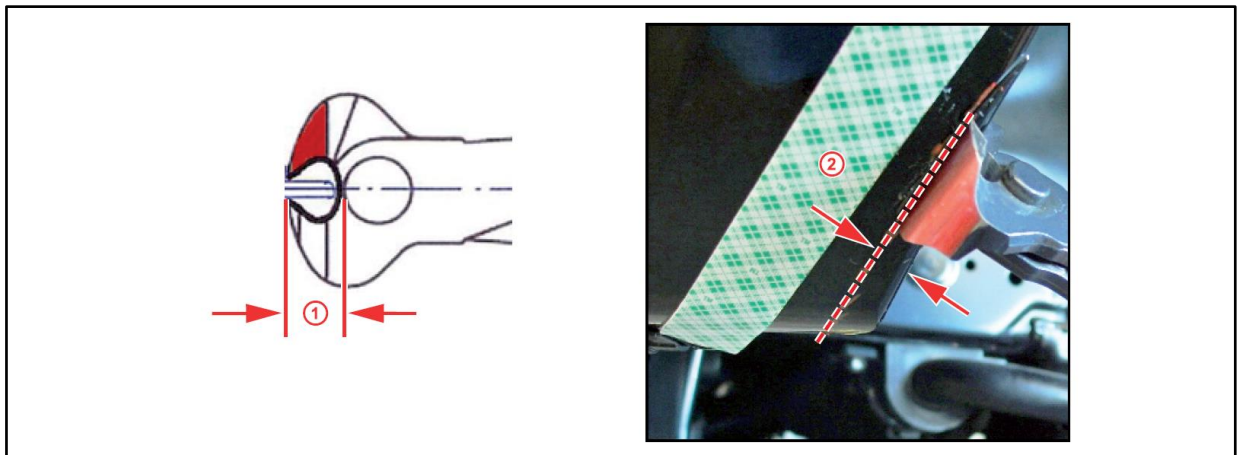


1	Cut 1
2	Cut 2

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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TRD Pro Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

PRECAUTIONS AND PROPER USE OF CUTTING PLIERS (continued)

Figure 15. Good Example

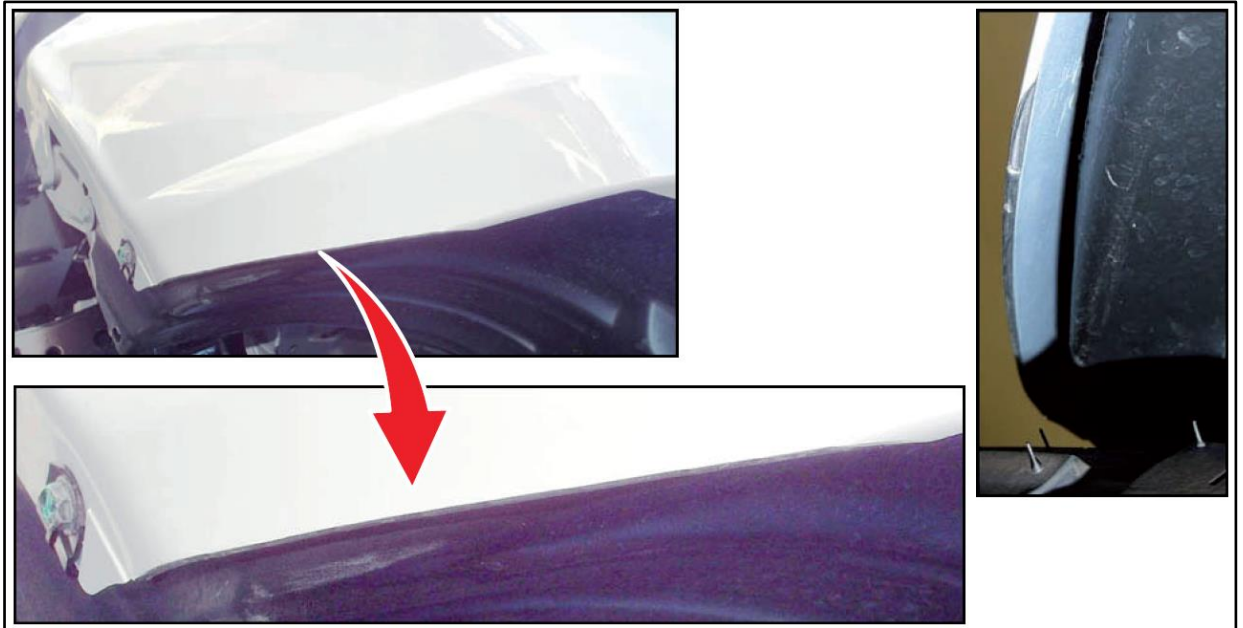
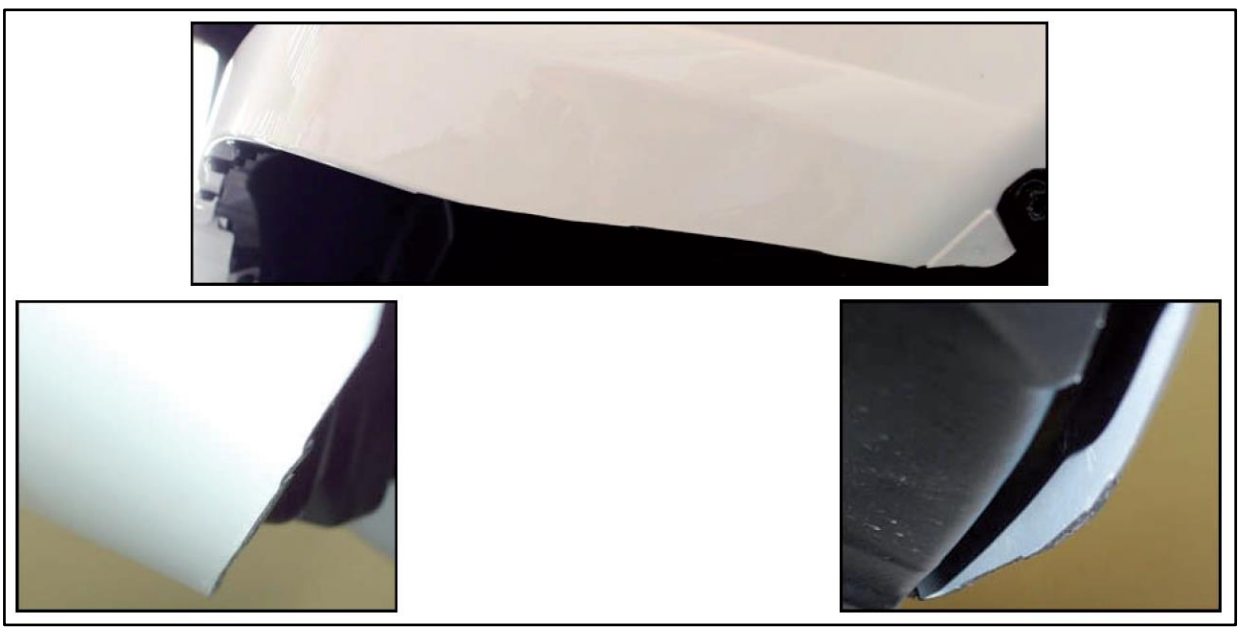


Figure 16. Bad Example



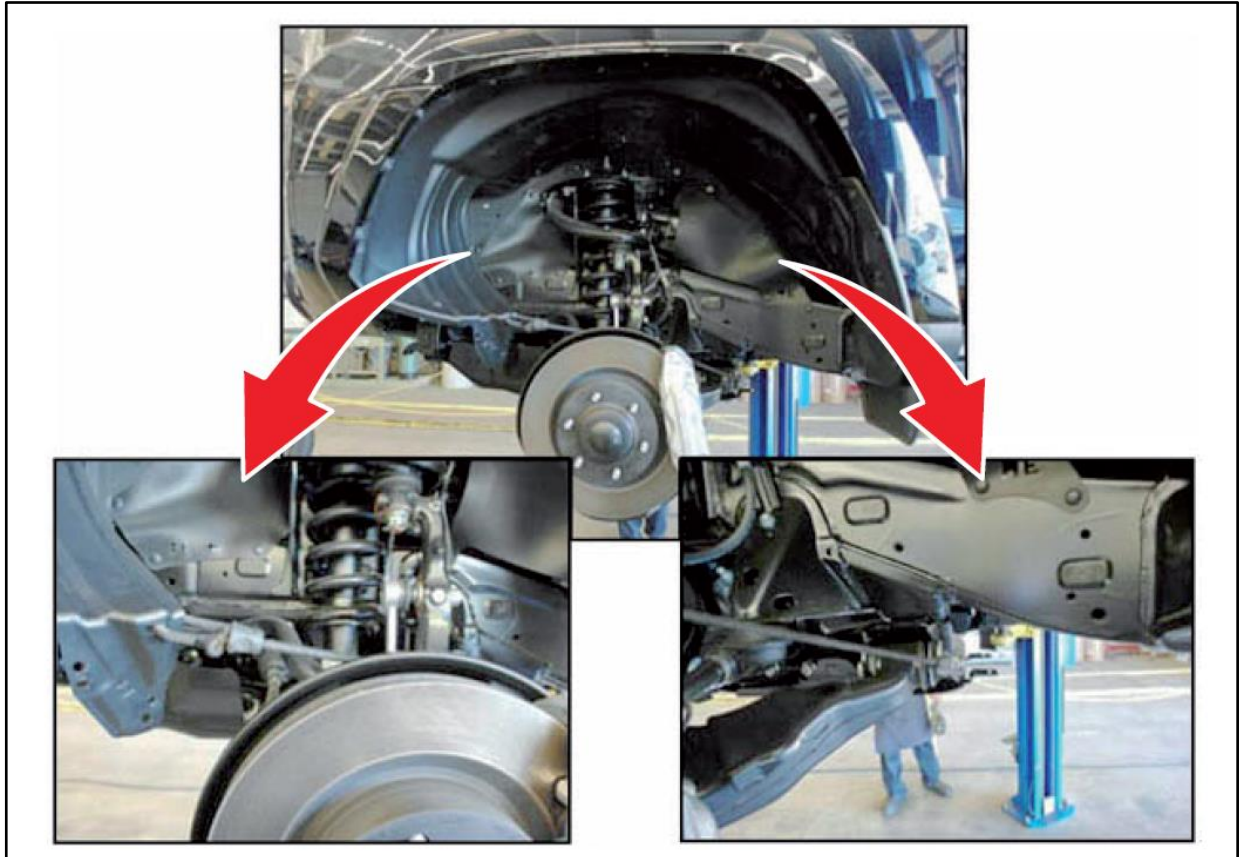
TRD Pro Bumper/Fender Interference

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.



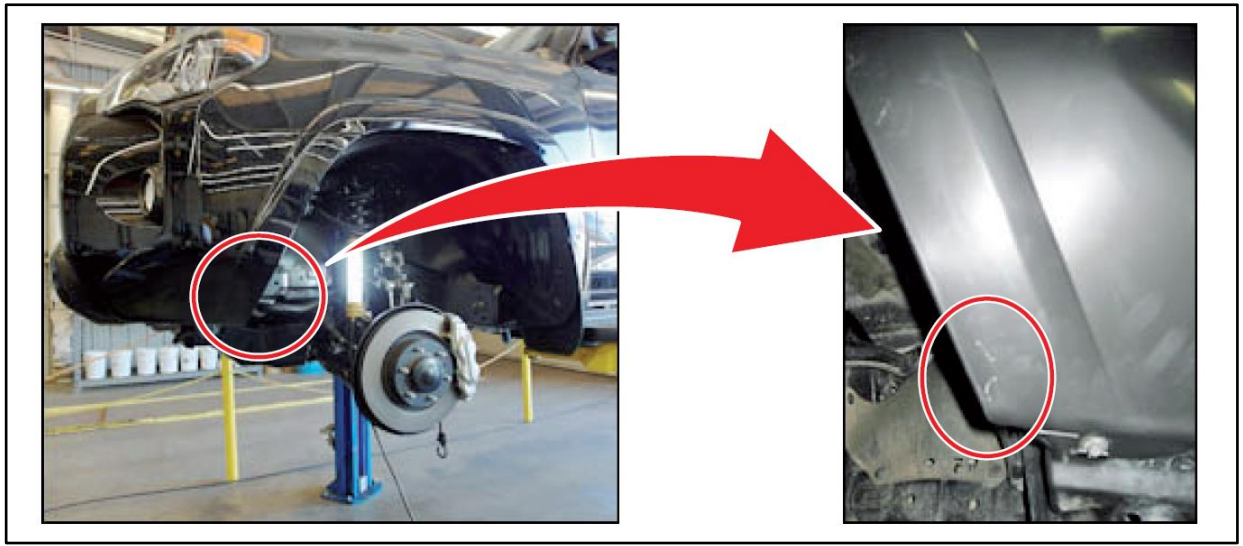
TRD Pro Bumper/Fender Interference

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.



TRD Pro 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.



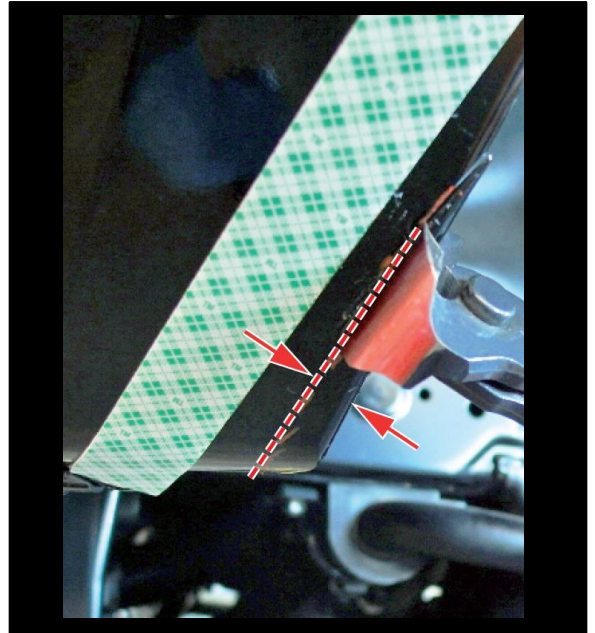
TRD Pro Bumper/Fender Interference

Repair Procedure (continued)

Front Bumper Cover Modification (continued)

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

Figure 22.

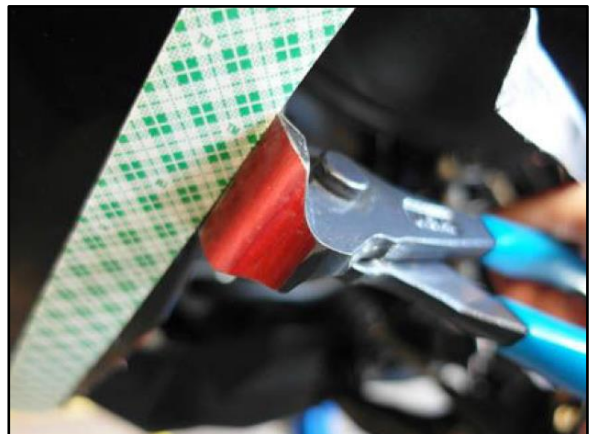


7. Starting at the outer edge, trim along the tape working toward the inside with overlapping cuts.

NOTICE

Prior to 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.



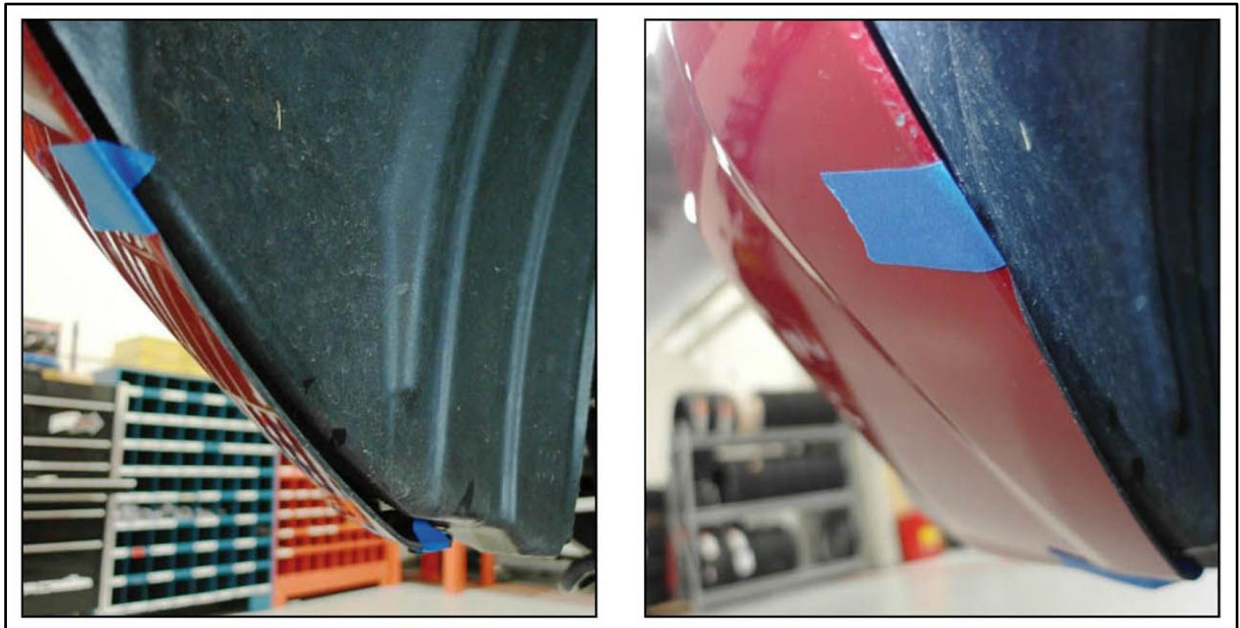
TRD Pro Bumper/Fender Interference

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.



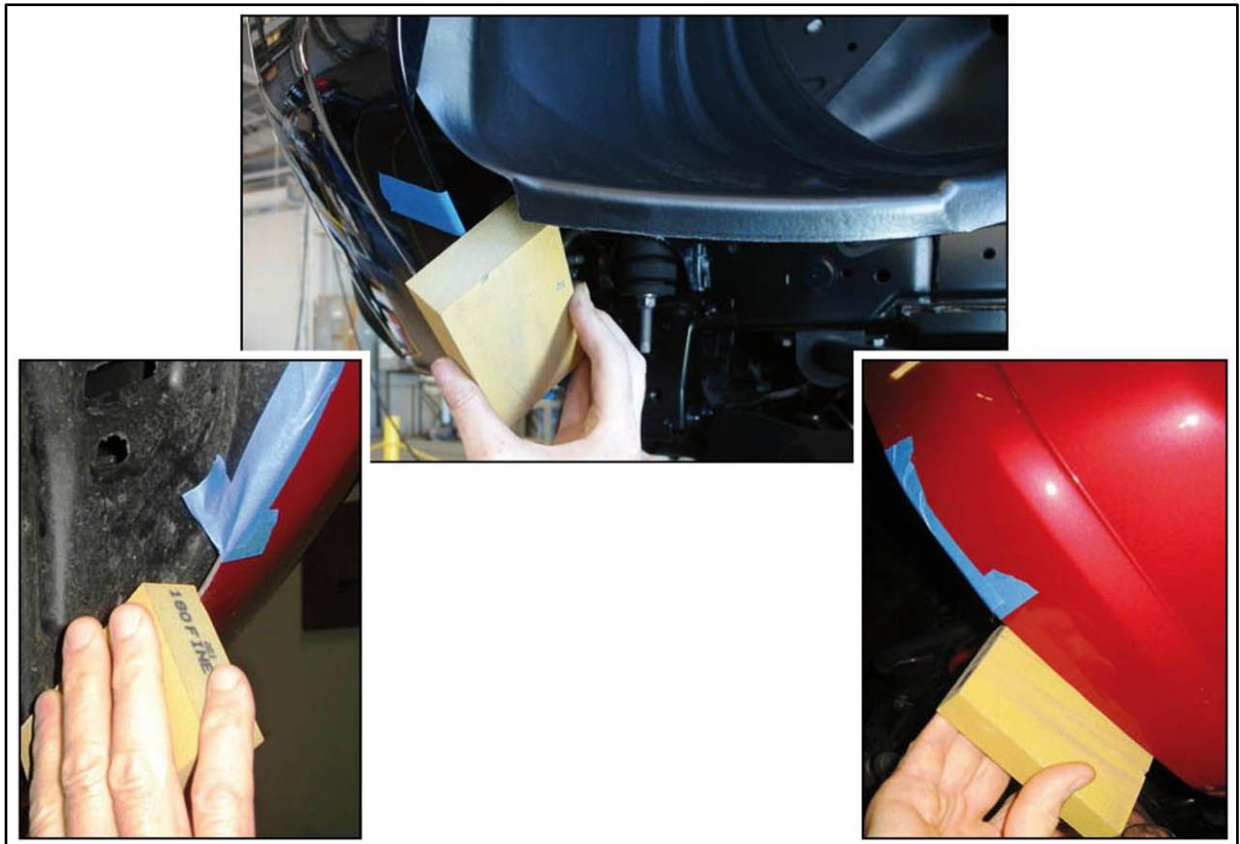
TRD Pro Bumper/Fender Interference

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.

TRD Pro 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, PTR20-35110-GR Graphite Gray Rev. B”](#)