

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 | 4Runner | |

Introduction

Some 2015 model year TRD Pro Edition 4Runner vehicles may experience 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.

Parts Information

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

| * CONTENTS OF 4RUNNER TRD PRO TRIM KIT | QTY |
|--|--------|
| LH & RH Bumper Cover Marking Templates | 1 each |
| 3M™ Foam Sanding Block | 1 |
| Clamp | 1 |
| Modified Channellock Cutting Plier | 1 |
| LH & RH Metal Fender Liner Templates | 1 each |
| Double-Sided Foam Tape | 1 |

Warranty Information

| OP CODE | DESCRIPTION | TIME | OFP | 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

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 |

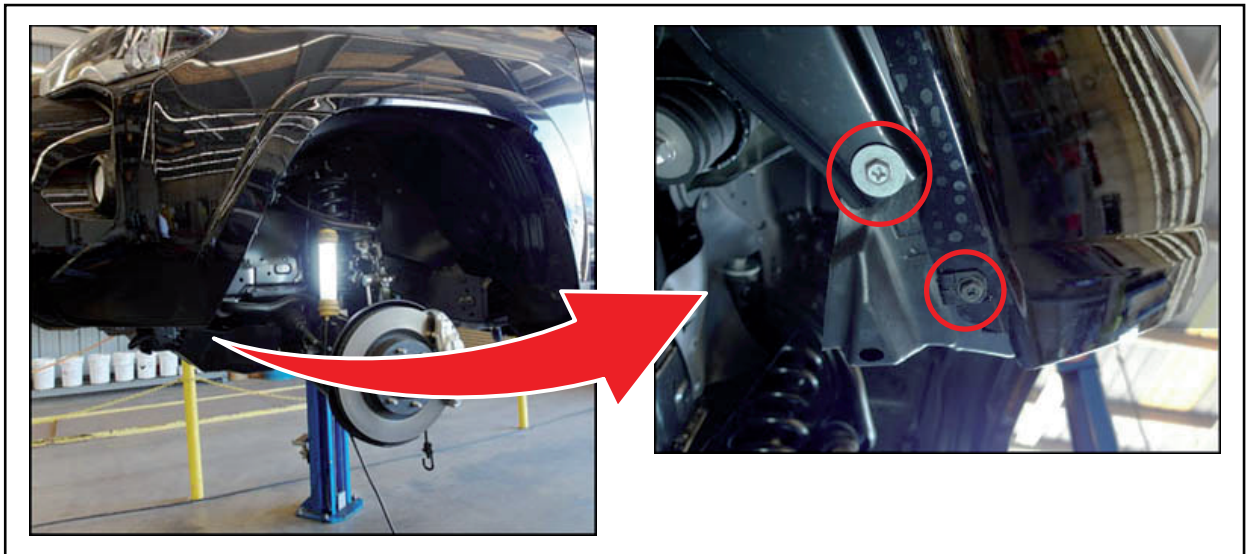
TRD Pro Bumper/Fender Interference

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 2 fasteners on the lower side of the fender liner.

Figure 1.



TRD Pro Bumper/Fender Interference

Repair Procedure

Fender Liner Modification (Continued)

- Unclip the fender liner and carefully pull it towards the rear of the vehicle. **Figure 2.**



- Install the driver side (LH) Metal Fender Liner Template (from the TRD Pro Trim Kit) on the front side of the fender liner.

NOTE

Be sure to place the alignment pins into the 2 existing holes.

Figure 3.



Figure 4.



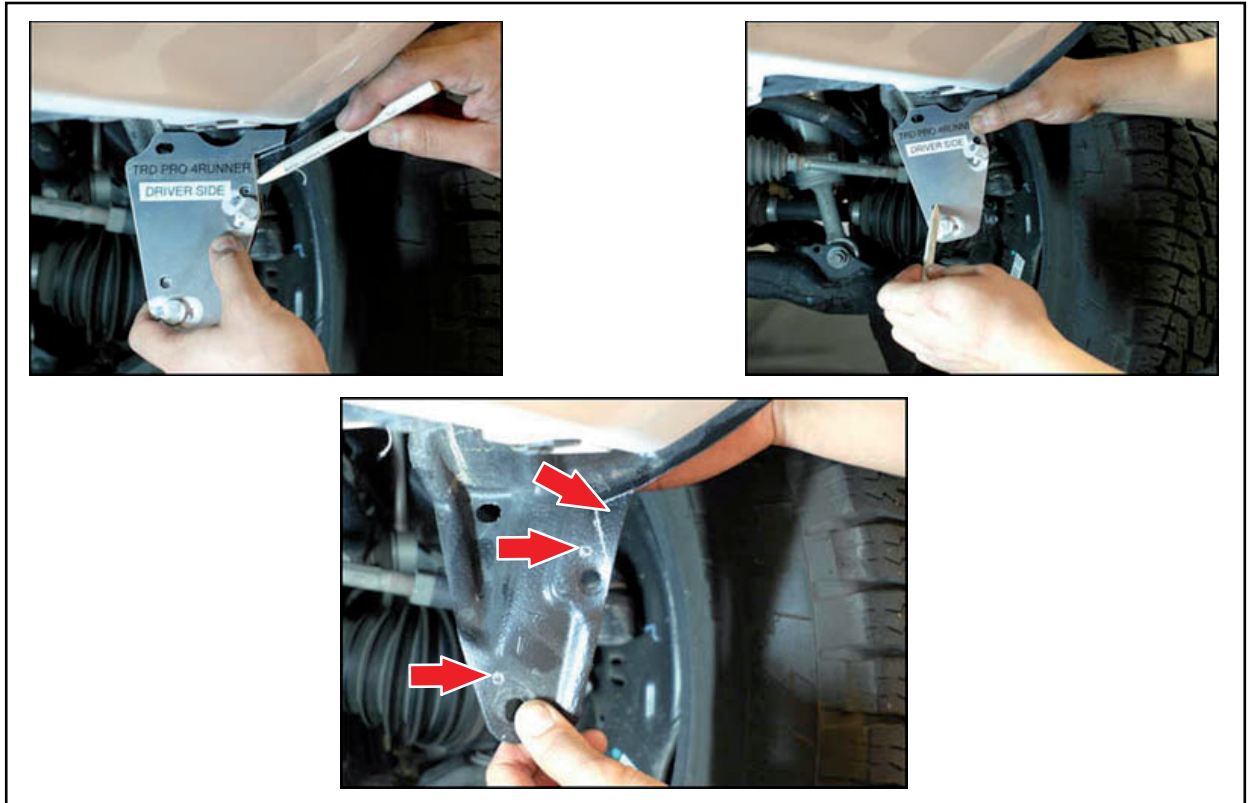
TRD Pro Bumper/Fender Interference

Repair Procedure

Fender Liner Modification (Continued)

6. Use a wax pencil to outline 2 new holes and the area to be removed.

Figure 5.



7. Use a center punch to mark the center of the 2 holes, and remove the template.

TRD Pro Bumper/Fender Interference

Repair Procedure

Fender Liner Modification (Continued)

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

Figure 6.

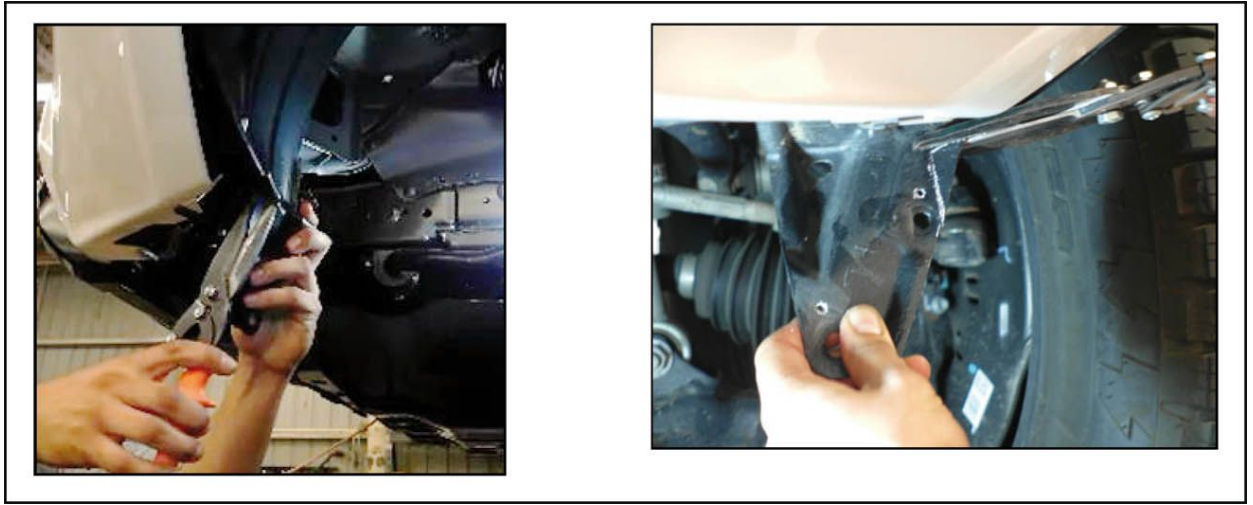
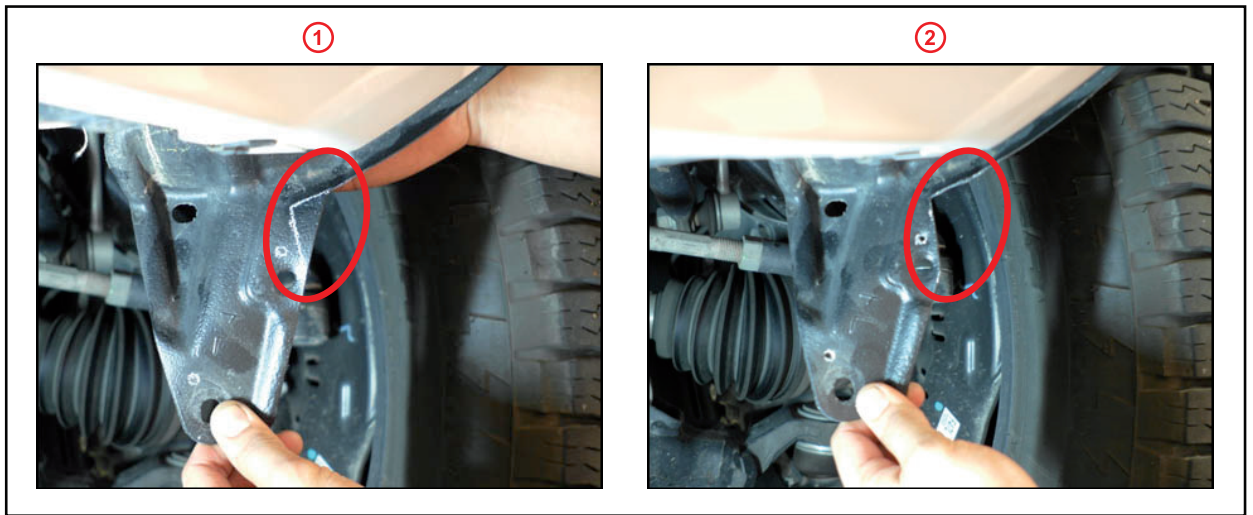


Figure 7.



1 Before Cut

2 After Cut

TRD Pro Bumper/Fender Interference

Repair Procedure

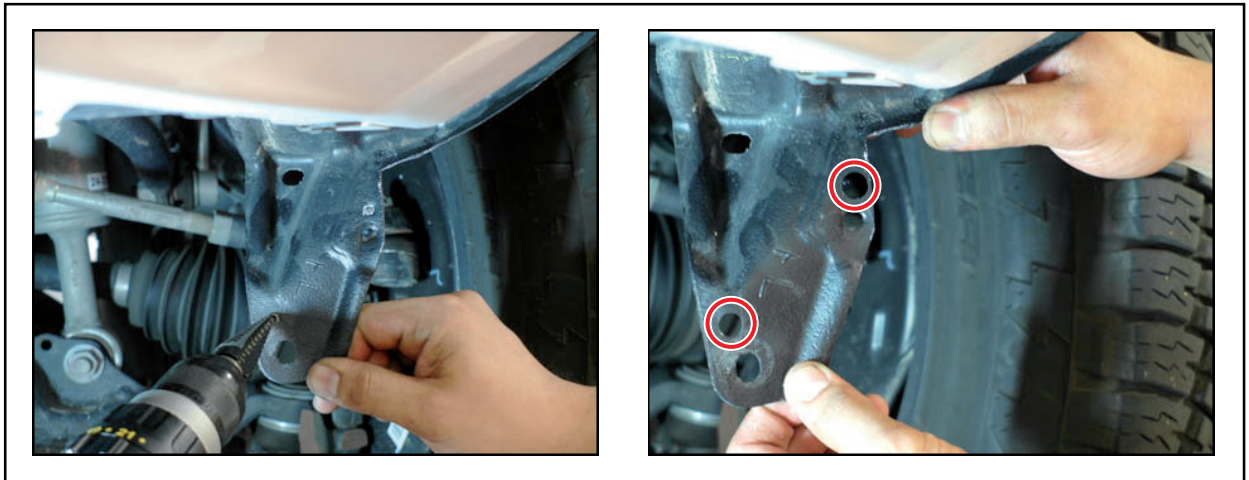
Fender Liner Modification (Continued)

- Using the step drill bit, drill 2 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

Be sure to use the passenger side (RH) template.

TRD Pro Bumper/Fender Interference

Repair Procedure (Continued)

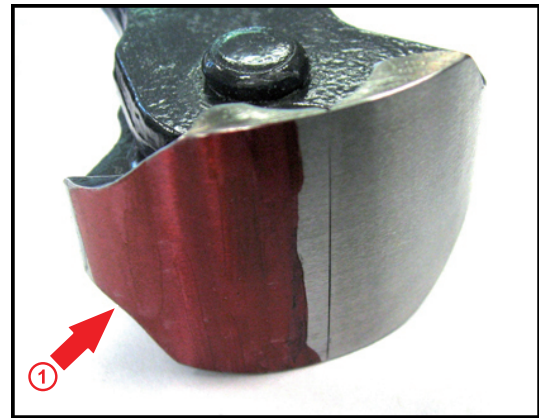
Front Bumper Cover Modification

PRECAUTIONS & PROPER USE OF CUTTING PLIERS

Before proceeding it is important to understand the proper use of the cutting pliers. Please read this section thoroughly to ensure proper use BEFORE modifying the front bumper cover.

- 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).

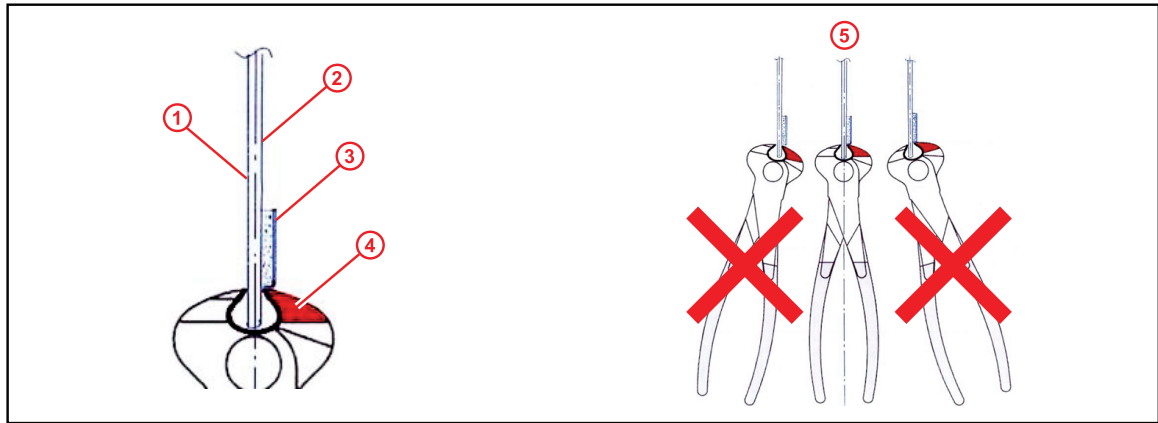
Figure 9.



| | |
|---|----------|
| 1 | Red Side |
|---|----------|

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

Figure 10.



| | |
|---|--------------|
| 1 | Bumper Cover |
| 2 | Paint |
| 3 | Tape |

| | |
|---|-----------------------------|
| 4 | Red Jaw |
| 5 | Edge Must Be 90° to Surface |

TRD Pro Bumper/Fender Interference

Repair Procedure

Front Bumper Cover Modification (Continued)

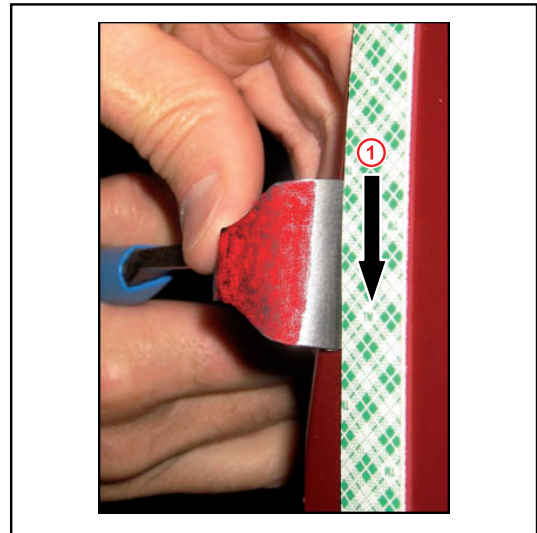
PRECAUTIONS & PROPER USE OF CUTTING PLIERS (Continued)

- DO **NOT** TAKE FULL CUTS across the face of the bumper cover. ONLY MAKE HALF CUTS BEFORE MOVING TO MAKE THE NEXT CUT.

NOTICE

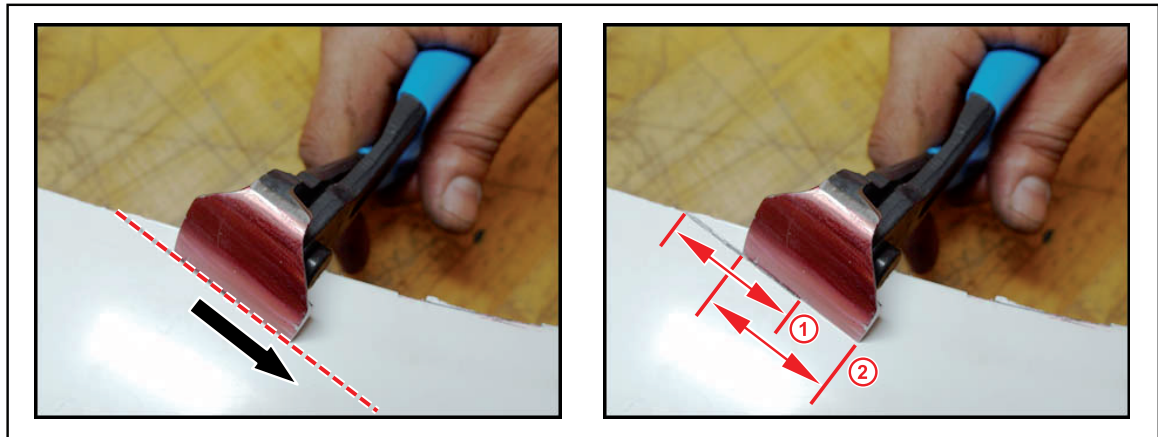
Failure to make only partial cuts may result in uneven cuts or a wavy appearance and the bumper may need to be replaced.

Figure 11.



| | |
|----------|----------------------------|
| 1 | Start at Top and Move Down |
|----------|----------------------------|

Figure 12. Half Cuts Along Same Line



| | |
|----------|-------|
| 1 | Cut 1 |
|----------|-------|

| | |
|----------|-------|
| 2 | Cut 2 |
|----------|-------|

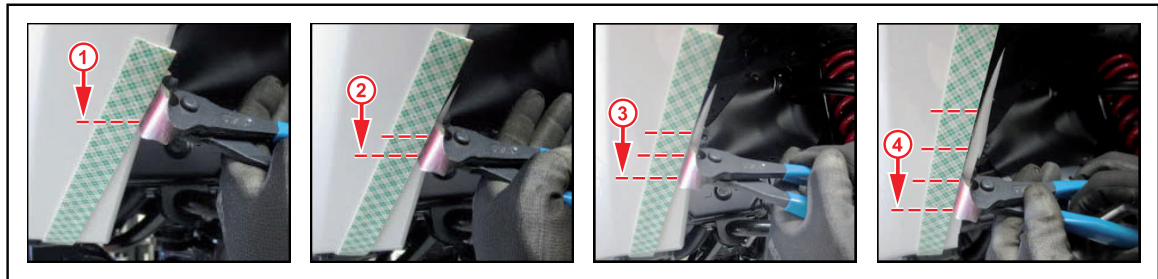
TRD Pro Bumper/Fender Interference

Repair Procedure

Front Bumper Cover Modification (Continued)

PRECAUTIONS & PROPER USE OF CUTTING PLIERS (Continued)

Figure 13. Example of Half Cuts

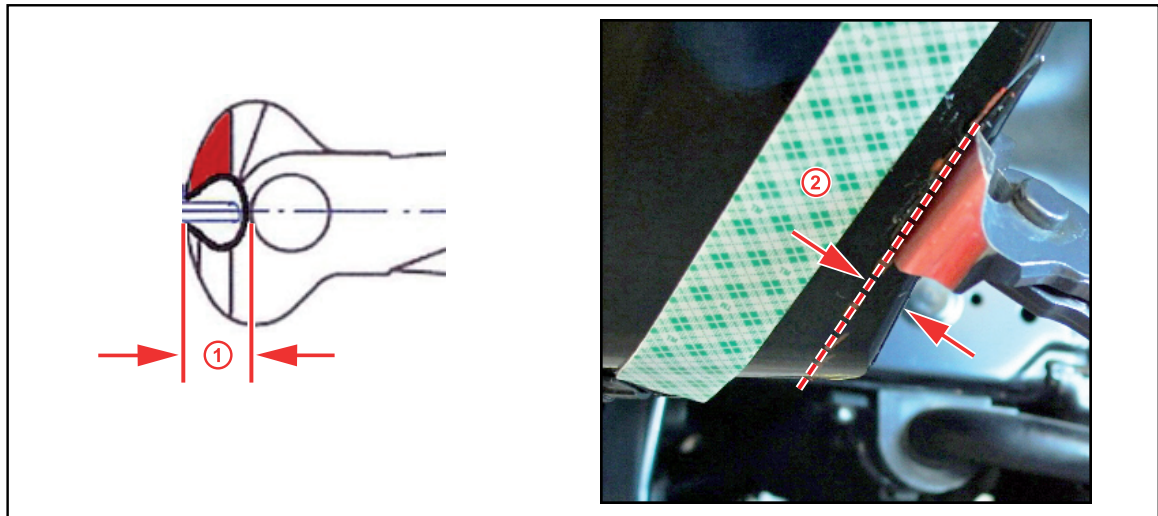


| | |
|---|-------|
| 1 | Cut 1 |
| 2 | Cut 2 |

| | |
|---|-------|
| 3 | Cut 3 |
| 4 | Cut 4 |

- Because the depth of the cutting pliers is less than the maximum depth of area to be removed, it is necessary to first make a preliminary cut removing approximately half of the area (between the arrows).

Figure 14.



| | |
|---|-------------------------|
| 1 | Depth of Cutting Pliers |
|---|-------------------------|

| | |
|---|----------------------------|
| 2 | Remove Area Between Arrows |
|---|----------------------------|

TRD Pro Bumper/Fender Interference

Repair Procedure

Front Bumper Cover Modification (Continued)

PRECAUTIONS & PROPER USE OF CUTTING PLIERS (Continued)

Figure 15. Good Example

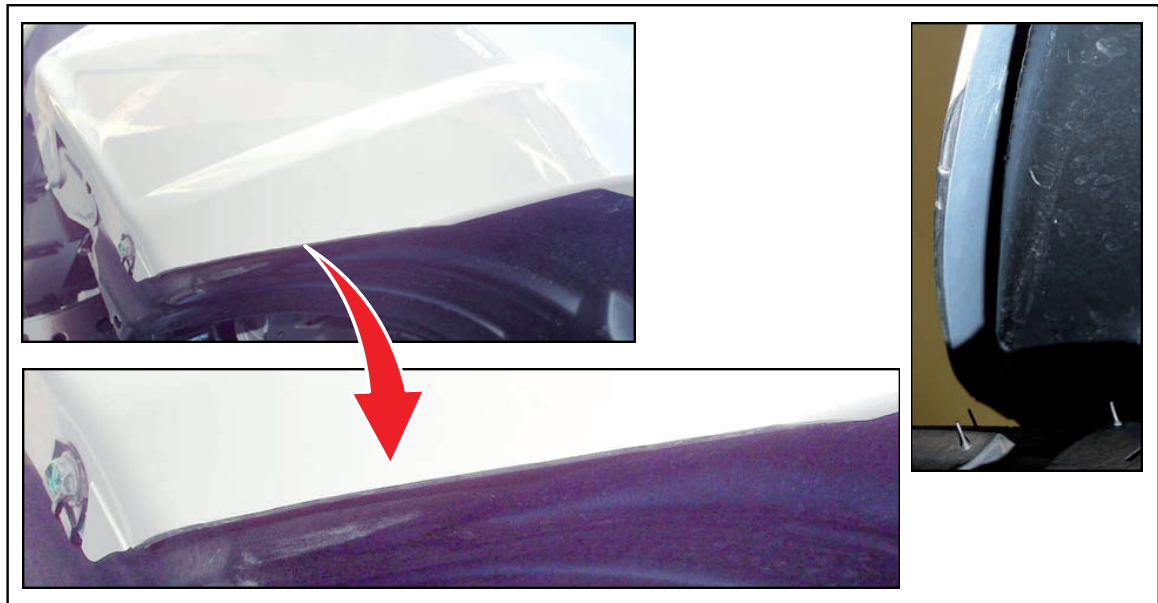
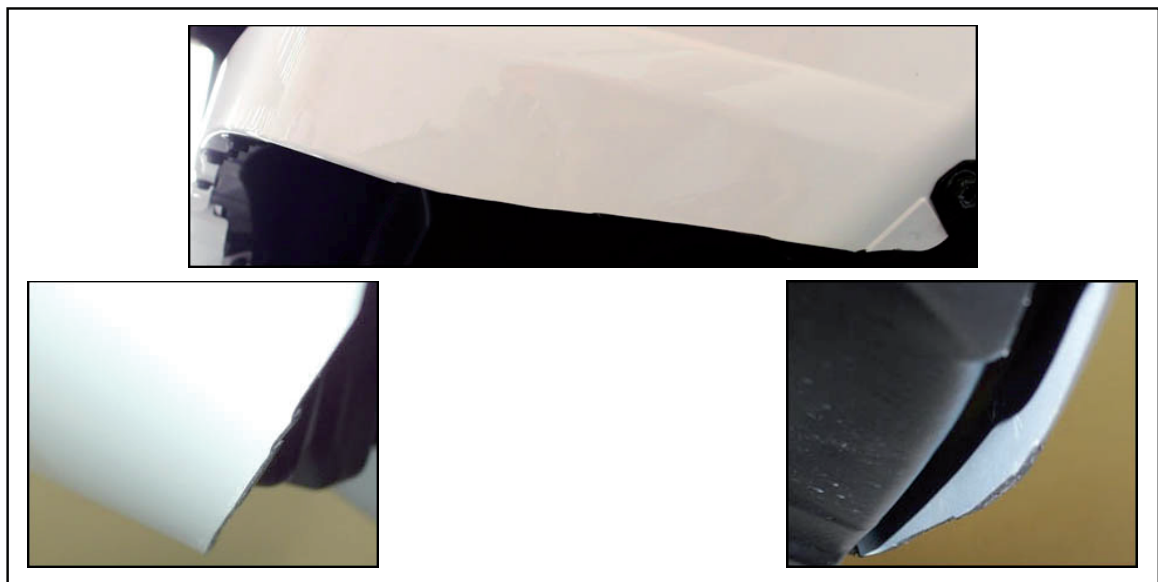


Figure 16. Bad Example



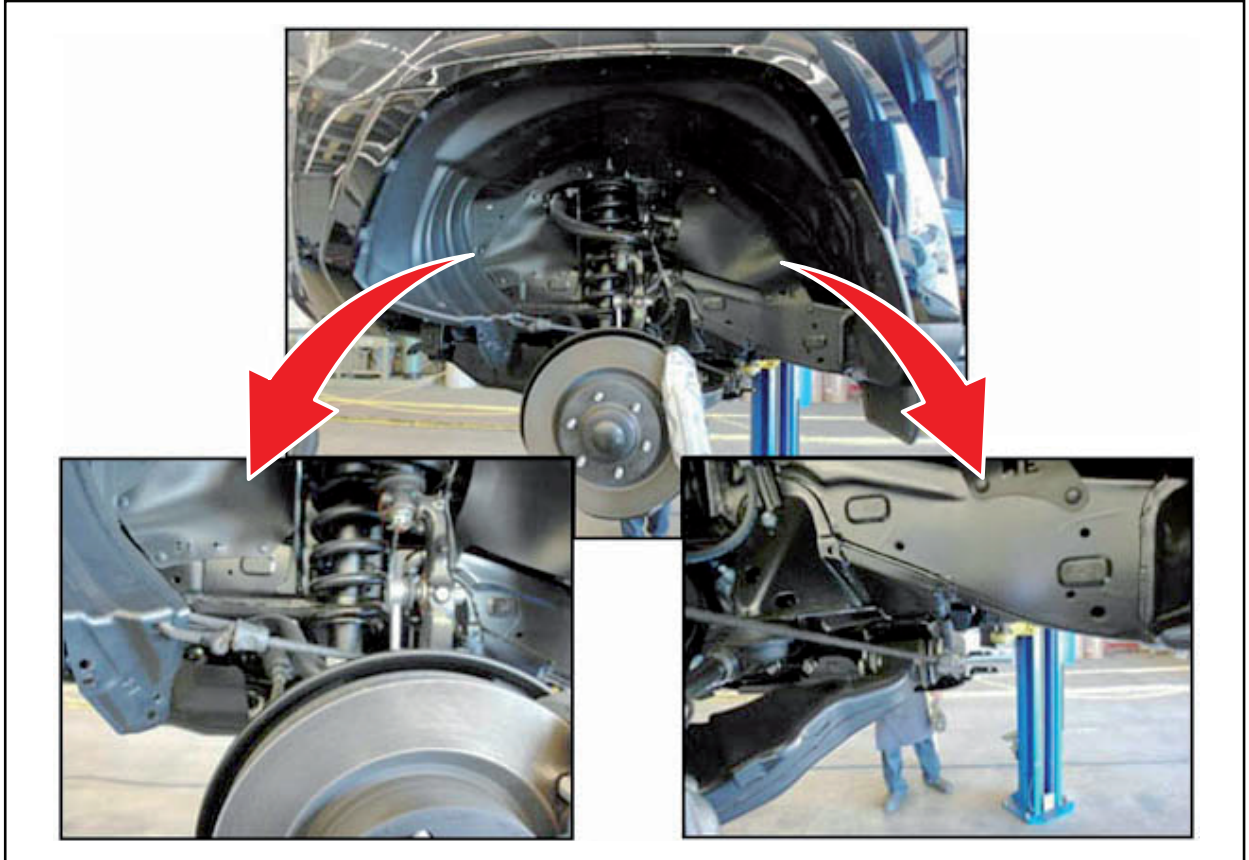
TRD Pro Bumper/Fender Interference

Repair Procedure

Front Bumper Cover Modification (Continued)

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

Figure 17.



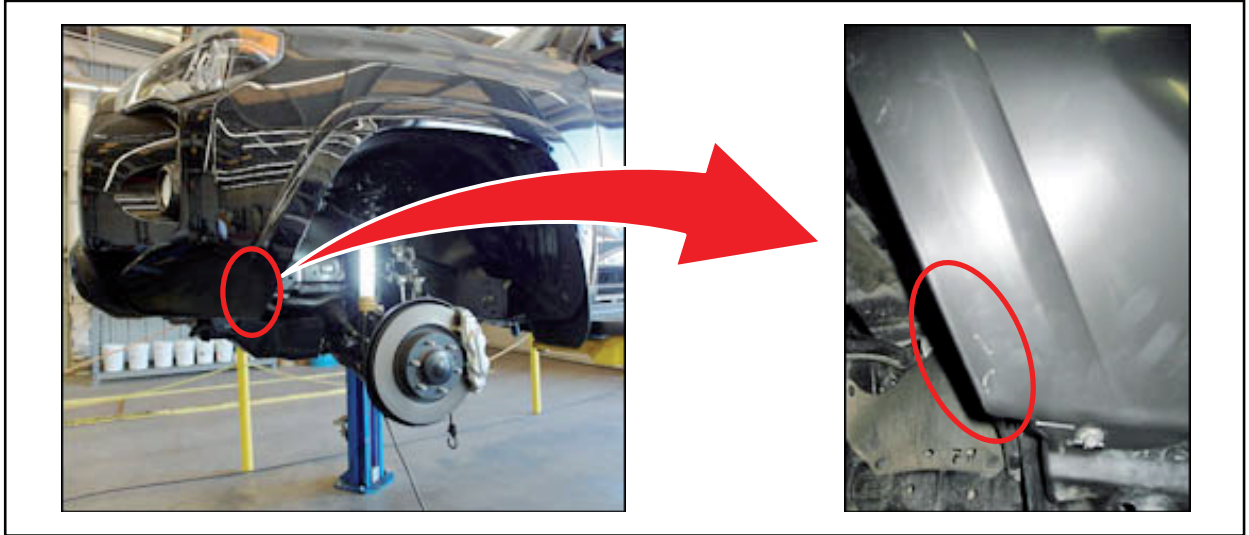
TRD Pro Bumper/Fender Interference

Repair Procedure

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 LH bumper template and secure it to the bumper cover with a clamp.

Figure 19.



TRD Pro Bumper/Fender Interference

Repair Procedure

Front Bumper Cover Modification (Continued)

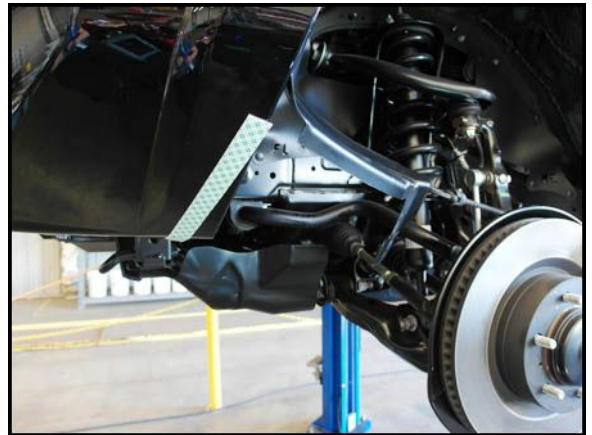
4. Cut an 8-inch (203 mm) strip of double-sided foam tape and apply it to the edge of the marking template. Ensure the tape is straight and flush against the template.

NOTE

- Do NOT remove the backing from the tape.
- When repeating this for the opposite side, always use a NEW piece of tape.

Figure 20.

5. Remove the marking template and clamp.

Figure 21.

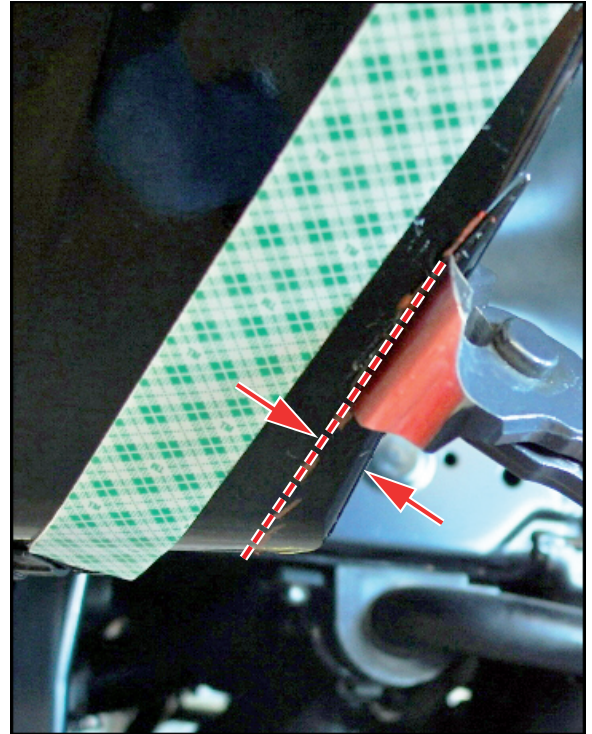
TRD Pro Bumper/Fender Interference

Repair Procedure

Front Bumper Cover Modification (Continued)

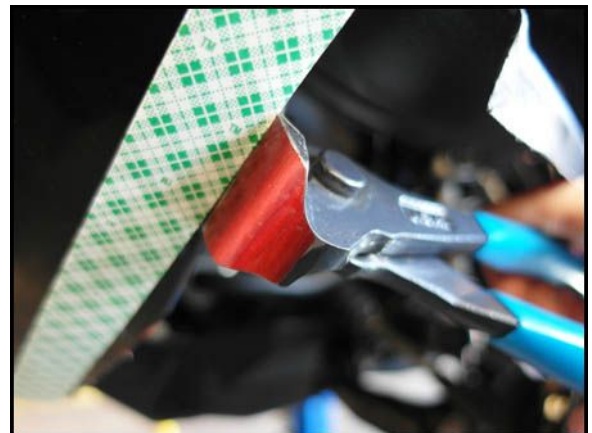
6. Make the preliminary cut removing approximately half of the area (between the arrows).

Figure 22.



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

Figure 23.



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 the bumper cover will require replacement.

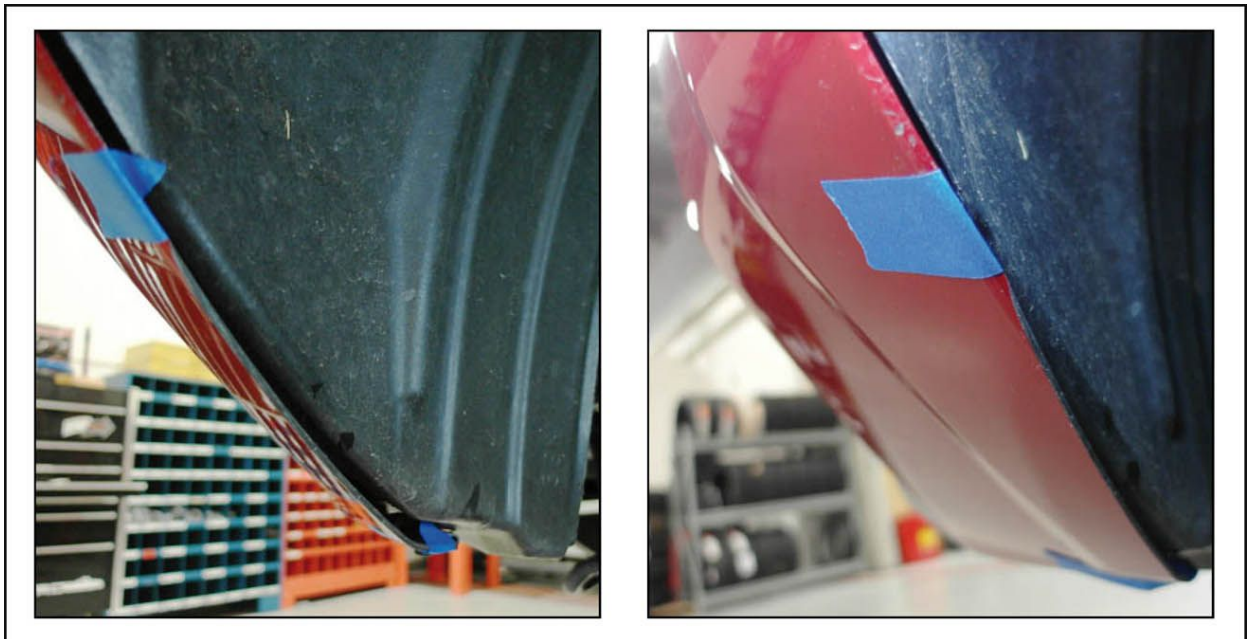
TRD Pro Bumper/Fender Interference

Repair Procedure

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.



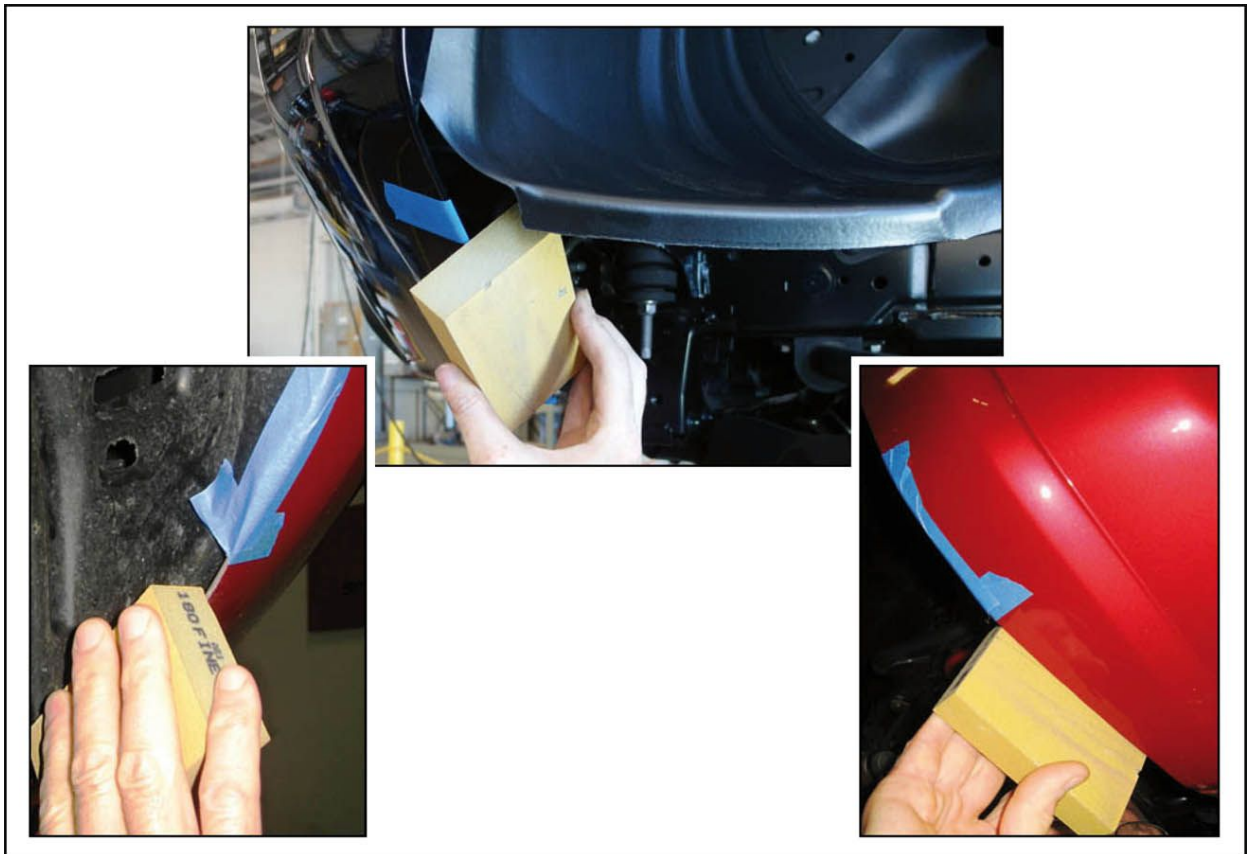
TRD Pro Bumper/Fender Interference

Repair Procedure

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 2 fender liner fasteners.

NOTE

The fasteners **MUST** be inserted into the 2 **NEW** holes drilled in step 9 of the “*Fender Liner Modification*” section. (The silver fastener in the front location and the black fastener in the rear location.)

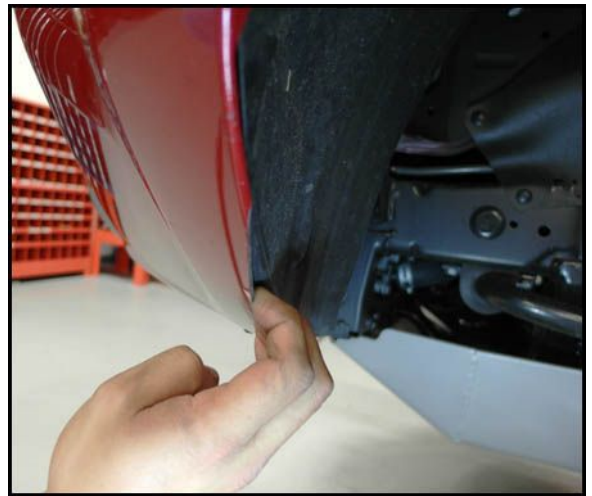
TRD Pro Bumper/Fender Interference

Repair Procedure

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,” “Front Bumper Cover Modification”) on the passenger side of the vehicle.
15. Install the front wheels.

Refer to the Technical Information System (TIS), *Accessory – Accessories Installation – “2010–2015 4Runner, 2007–2014 FJ Cruiser TRD Alloy Wheel PTR20-35110-BK Matte Black, PTR20-35110-GR Graphite Gray Rev. B”*