

Grille Wind Whistle Noise

Service
Category Vehicle Exterior

Section Exterior Panels/Trim

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012 – 2013	Tacoma	

Introduction

Some 2012 – 2013 model year Tacoma vehicles may exhibit a wind whistle type noise from the front of the vehicle. This noise may be coming from the radiator grille where it meets the hood. A radiator grille seal has been developed to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BD1306	R & R Radiator Grille Assembly	0.8	53100-04470 53100-04480 53100-04490	59	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.

Parts Information

PART NUMBER	PART NAME	QTY
53155-04010	Seal, Radiator Grille	1

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Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Plastic Pry Tool Set*	00002-06020-01	1

* Essential SST.

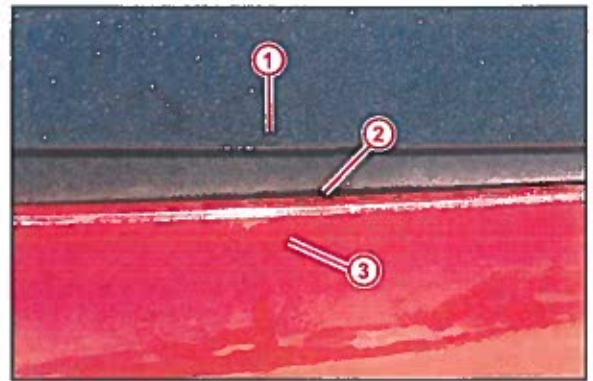
NOTE
 Additional SSTs may be ordered by calling 1-800-933-8335.

Repair Procedure

1. Confirm the condition as described in the introduction.

HINT
 Noise occurs due to a gap between the radiator rubber seal and the radiator grille.

Figure 1.



1	Hood
2	Gap Between Rubber and Radiator Grille
3	Radiator Grille

2. Duplicate the noise, then mask off the rubber seal between the radiator grille and the hood.

Is the noise still present?

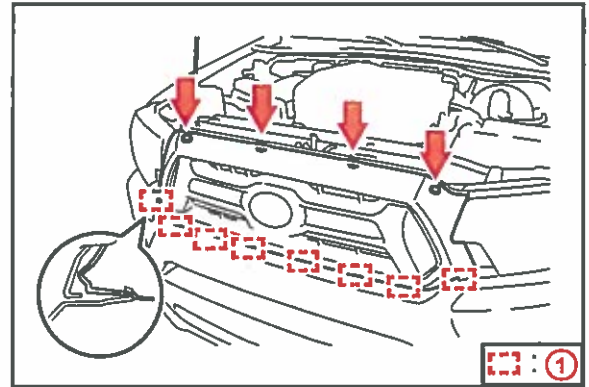
- **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- **NO** — Continue to step 3.

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Repair Procedure (Continued)

3. Remove the radiator grille.
 - A. Remove the 2 screws.
 - B. Using the plastic pry tool, remove the 2 clips.
 - C. Disengage the 8 guides and remove the radiator grille.

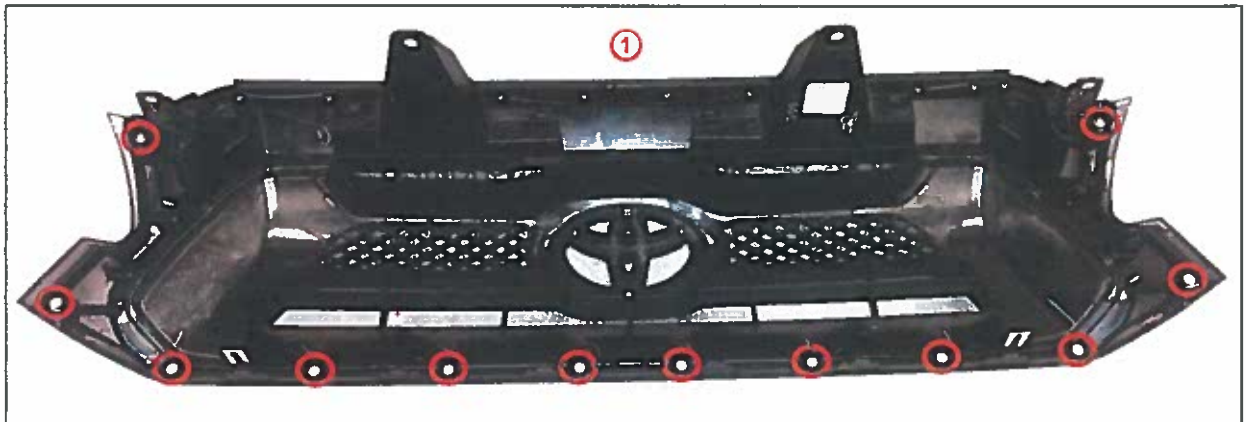
Figure 2.



1 Guides

4. Remove the 12 screws from the back side of radiator grille.

Figure 3. Back View of Radiator Grille



1 Screw Location

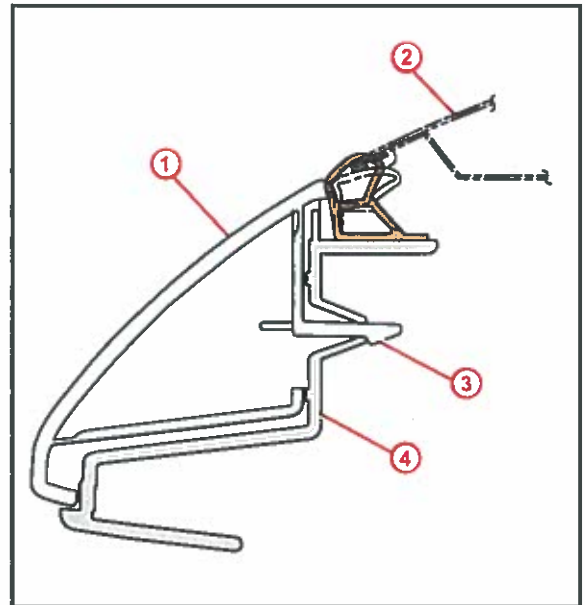
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Repair Procedure (Continued)

5. Separate the radiator inner grille from the outer grille.

A. Using a plastic pry tool, remove the 10 claws.

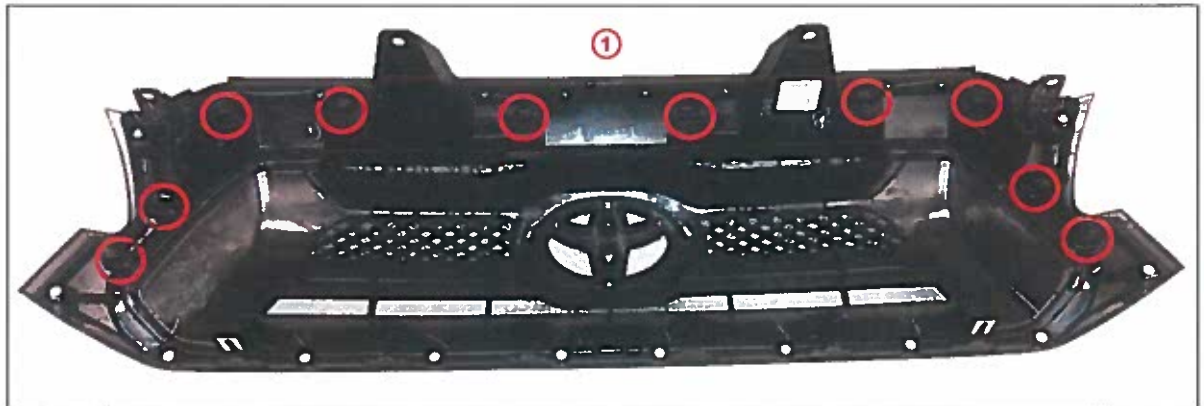
Figure 4. Cross Section View



1	Radiator Outer Grille
2	Hood
3	Claw
4	Radiator Inner Grille

B. Disengage the 10 claws and separate the radiator outer grille and inner grille.

Figure 5. Back View of Radiator Grille



1	Claw Location
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Repair Procedure (Continued)

6. Remove the Radiator Grille Seal by removing the 11 clips with the pliers.

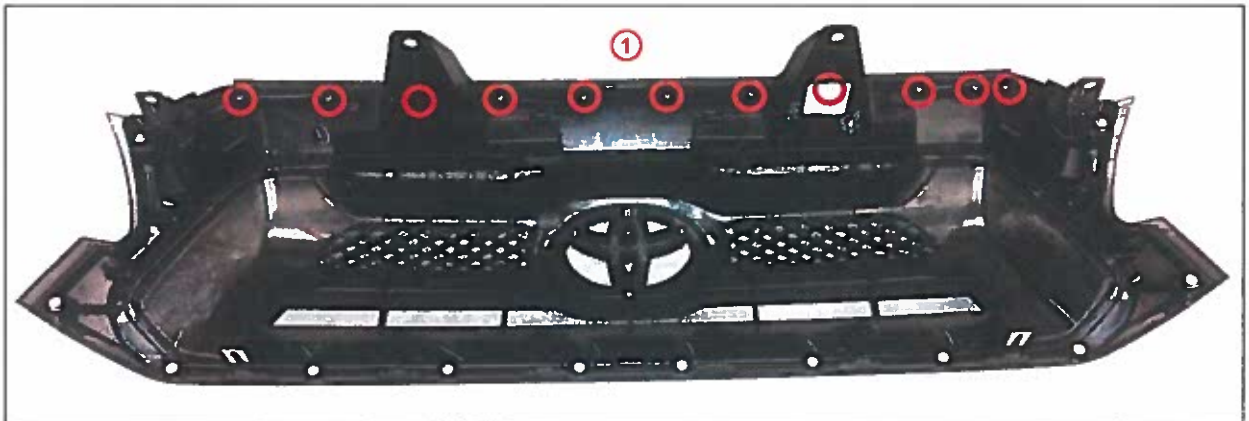
Figure 6. Back Side of Radiator Grille



Figure 7. Front Side of Radiator Grille



Figure 8. Back View of Radiator Grille



1	Clip Location
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Repair Procedure (Continued)

7. Clean the top of the surface of the radiator inner grille using a cloth.

Figure 9.



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Repair Procedure (Continued)

8. Apply the Radiator Grille Seal to the rib and be sure to center the seal sealer so that it overlaps both sides of the rib equally.

Figure 10.



Grille Wind Whistle Noise

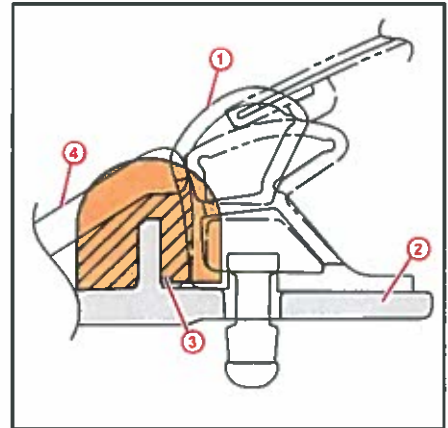
Repair Procedure (Continued)

9. Roll up the Radiator Grille Seal over the rib.

Figure 11.



Figure 12. Cross Section View

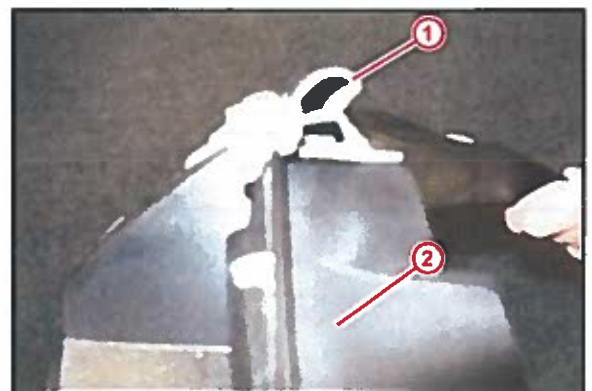


1	Hood Seal
2	Radiator Inner Grille
3	EPT Seal
4	Radiator Outer Grille

10. Reassemble the radiator grille.

A. Reinstall the Radiator Grille Seal.

Figure 13.



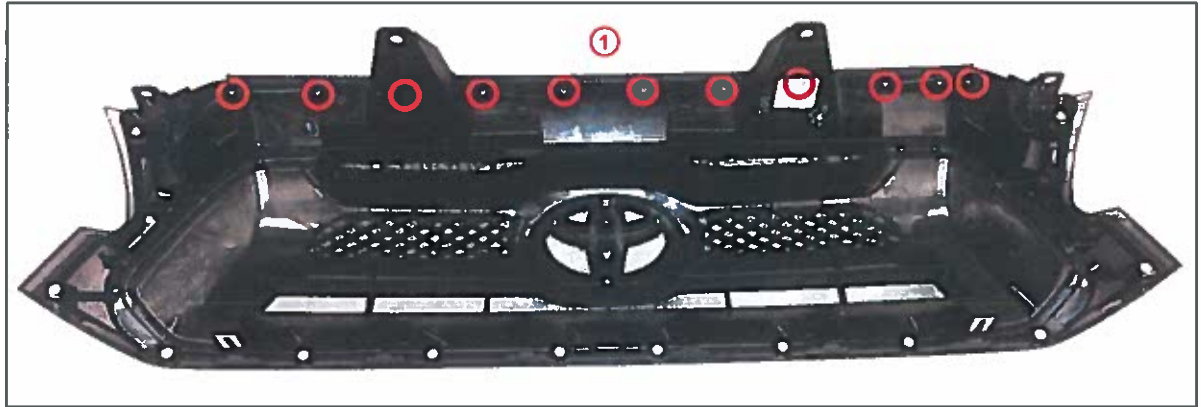
1	Radiator Grille Seal
2	Radiator Grille Inner

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Repair Procedure (Continued)

B. Install the 11 clips.

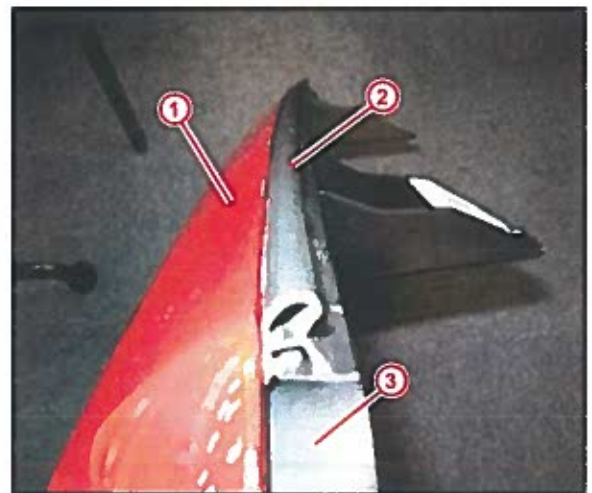
Figure 14. Back View of Radiator Grille



1	Clip Location
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C. Reinstall the front radiator grille outer cover.

Figure 15.



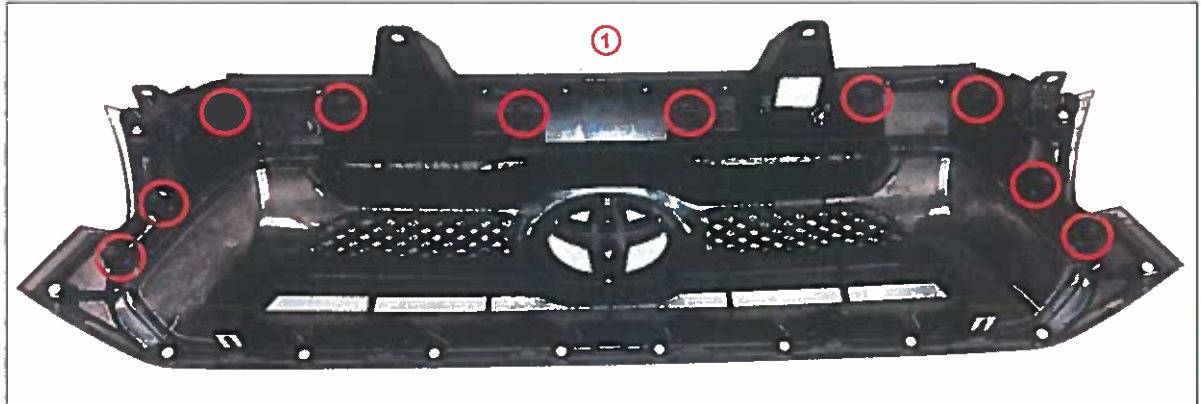
1	Radiator Grille Outer (Cover)
2	Radiator Grille Seal
3	Radiator Grille Inner

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Repair Procedure (Continued)

D. Engage the 10 claws.

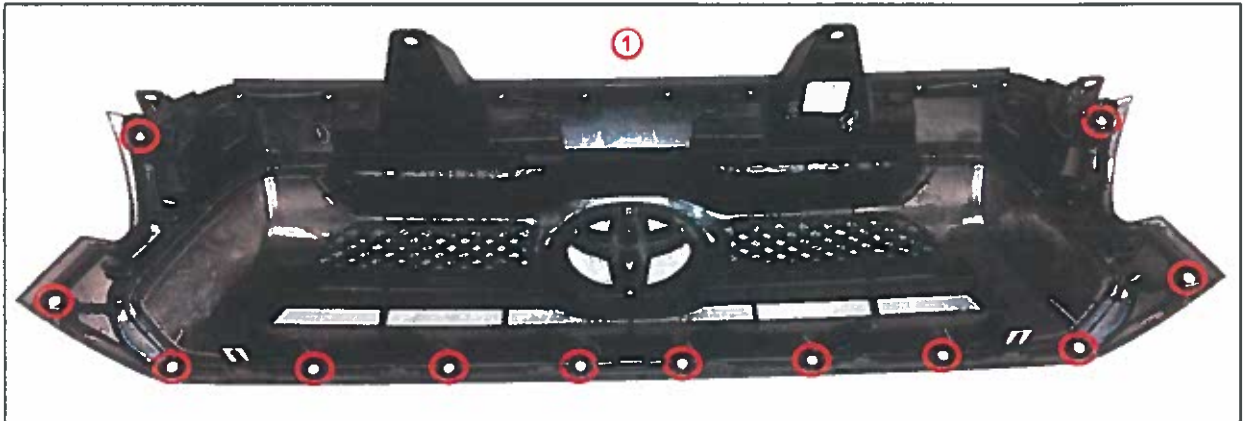
Figure 16. Back View of Radiator Grille



1	Claw Location
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E. Install the 12 screws.

Figure 17. Back View of Radiator Grille



1	Screw Location
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11. Install the radiator grille to vehicle.
 - A. Engage the 8 guides and install the radiator grille.
 - B. Install the 2 clips.
 - C. Tighten the 2 screws.
12. Test drive the vehicle and confirm noise is no longer present.