

Rear Suspension Silencer Pad Squeak Noise

Service Category Suspension

Section Rear Suspension

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2017	Tacoma	VDS(s): AX5GN, AZ5CN, BZ5DN, CZ5AN, DZ5BN, EZ5CN, FZ5DN, GZ5AN, HZ5BN, RX5GN, RZ5CN, SX5EN, SZ5AN Engine(s): 2TR, 2GR Drive Type(s): 2WD, 4WD Body Type(s): C CAB, D CAB Transmission(s): 5MT, 6MT, 6AT

Introduction

Some 2016 – 2017 model year Tacoma vehicles may exhibit a squeak noise from the rear leaf spring when traveling over speed bumps or with movement from loading and unloading the suspension. Follow the Repair Procedure below to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
SU1608	Spring Silencer Pad (R & R Per Side)	0.8	482#0-0###0*	91	41

*For OFP, use the rear spring assembly part number for the vehicle that is being repaired.

APPLICABLE WARRANTY

- This repair is covered under the Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 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
PREVIOUS	NEW		
	04007-39104	Spacer Kit, RR Spring	1*

*Each kit includes 5 pads per leaf pack assembly. If both sides are to be replaced, order 2 kits.

Rear Suspension Silencer Pad Squeak Noise

Repair Procedure

Verify Source of Squeak Noise

1. Confirm noise is present by jouncing the rear suspension.
 - A. Lift the vehicle by the frame to allow the rear suspension to hang.
 - B. Place a rag between the spring insulator and the leaf spring.
 - C. Lower the vehicle and jounce the vehicle. If the noise goes away, the source of the noise is the leaf spring pad.
2. After isolating ALL pads using rags, if the noise continues to persist, then the noise is NOT from the leaf spring pad. This Service Bulletin does NOT apply. Continue diagnosis using the applicable repair manual.

NOTE

Perform the following procedures on both the RH and LH sides of the vehicle.

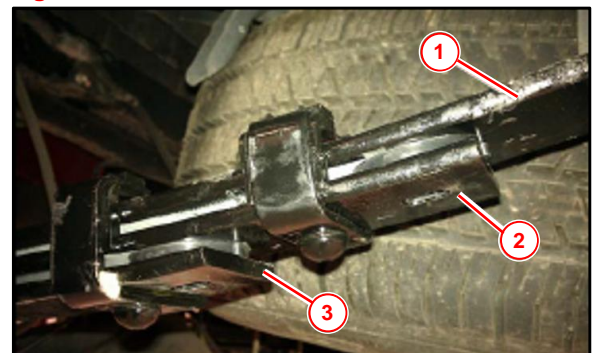
Spring Pad Removal

1. Lift the vehicle by the frame to allow the rear suspension to hang.
2. Using a pry bar, separate the two smaller C-clips located at each end.
3. Using a pry bar or large flat screwdriver, separate the No. 1 and No. 2 leaves.

NOTICE

Be careful NOT to scratch the spring surface with the pry bar, pick, punch, screwdriver or other tools. Wrap the tool with electrical tape to protect the leaf from scratches.

Figure 1.



1	No. 1 Leaf
2	No. 2 Leaf
3	No. 3 Leaf

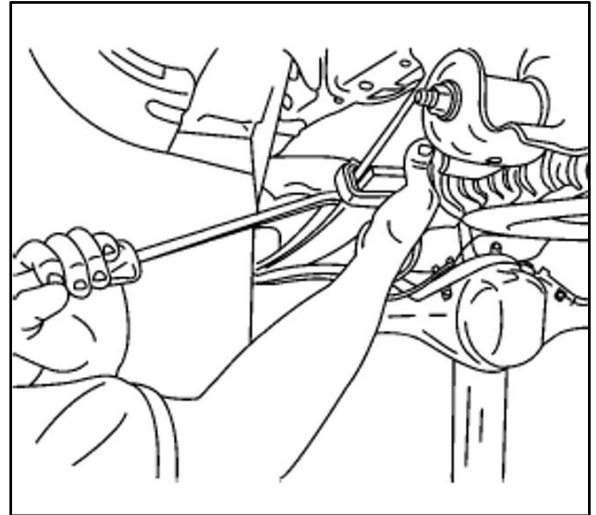
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Repair Procedure (Continued)

Spring Pad Removal (Continued)

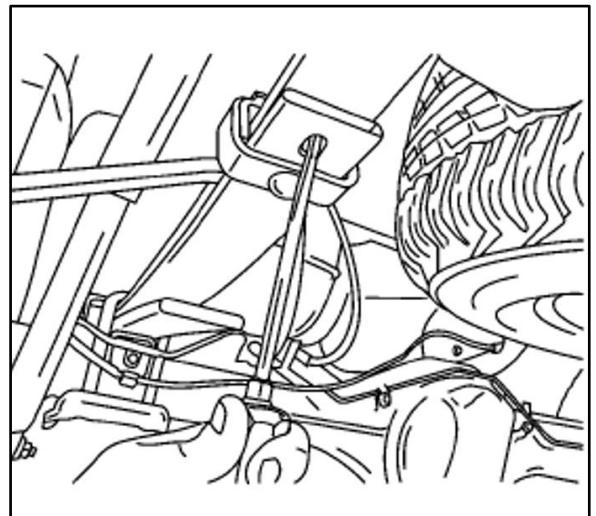
4. Use a pry bar as a wedge to hold the leaf spring apart when removing the spring pad.

Figure 2.



5. Use a pick, punch, or screwdriver to push upward on the spring silencer pad from the underside of the spring pack through the access hole.

Figure 3.



6. Push the spring pad up high enough to use a sharp-edged chisel to break the stem.
7. Remove the OLD leaf spring pad and discard.
8. Using brake cleaner or equivalent, completely remove ALL grease and dirt between the leaf springs.

NOTE

- Remove ALL grease and grease residue. DO NOT APPLY GREASE TO THE PAD AND SPRING SURFACE.
- Do NOT install the new pad at this point. Due to tight clearances of the leaf spring pack, installation procedure is a separate step.

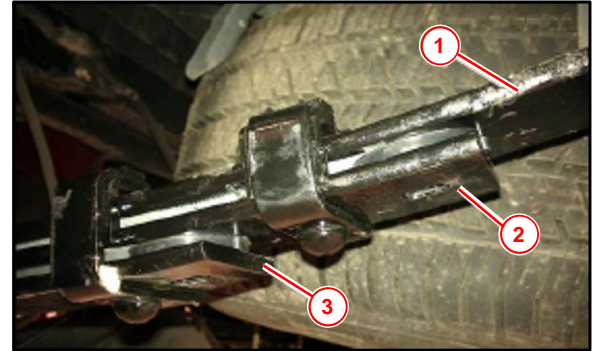
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Repair Procedure (Continued)

Spring Pad Removal (Continued)

9. Using a pry bar or large screwdriver, separate the No. 2 and No. 3 leaves.

Figure 4.



1	No. 1 Leaf
2	No. 2 Leaf
3	No. 3 Leaf

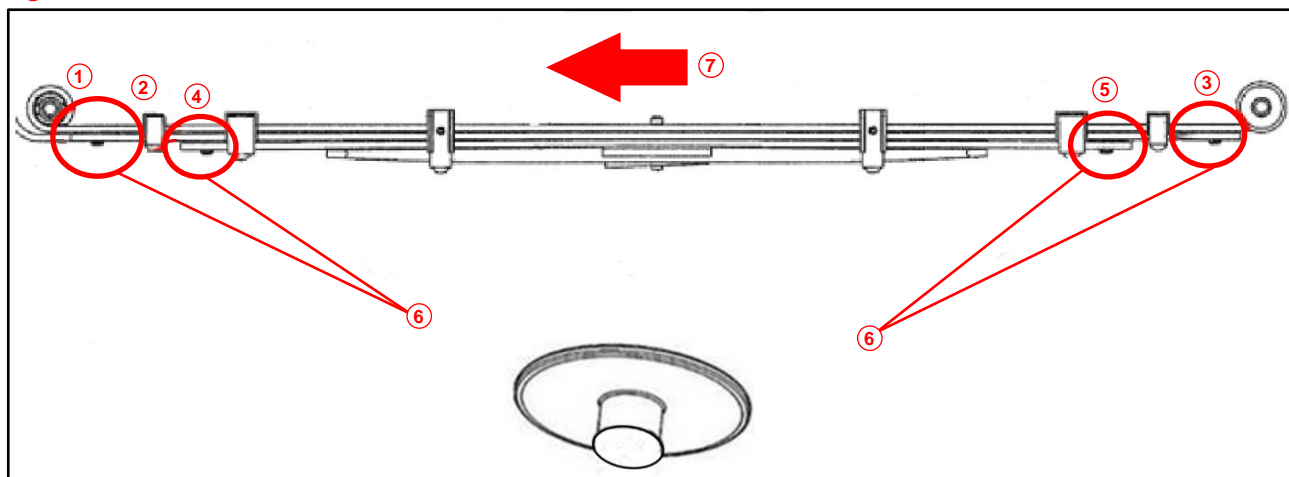
10. Use a pick, sharp-edged chisel, or a screwdriver to push upward on the spring silencer pad from the underside of the spring pack through the access hole.
11. Push the spring pad up high enough to use a punch to break the stem.
12. Remove the OLD leaf spring pad and discard.
13. Using brake cleaner or equivalent, completely remove ALL grease and dirt between the leaf springs.

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Repair Procedure (Continued)

Spring Pad Installation

Figure 5.



1 – 5	See Correlating Steps Below
6	Silence Pad Location
7	Front of Vehicle

1. Install the NEW spring pad into the No. 3 leaf pack. It may be necessary to use another pry bar to seat the spring pad into the mounting hole on the leaf spring assembly.
2. Pry open the gap between the No. 1 and No. 2 leaves.
3. Install the NEW spring pad into the No. 2 leaf pack. It may be necessary to use another pry bar to seat the spring pad into the mounting hole on the leaf spring assembly.
4. Repeat for the front pad and then for the leaf spring on the opposite side.

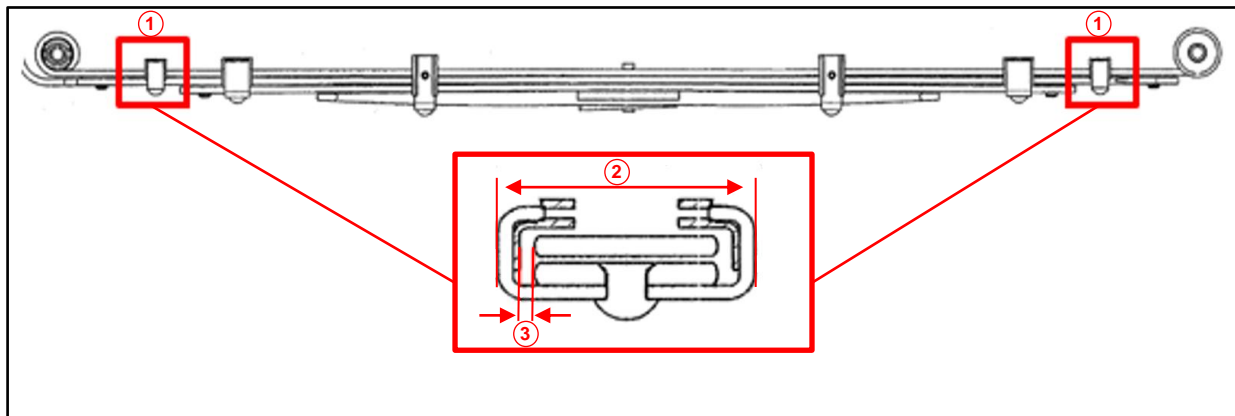
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Repair Procedure (Continued)

Spring Pad Installation (Continued)

5. Using a C-clamp, compress the C-clip back into its original position. Check the clearance to ensure no contact is made. Repeat on other side (2 clips in total).

Figure 6.



1	Clip
2	84 mm Max
3	0.5 mm (Min), 4.5 mm (Max)

6. Test drive vehicle to verify repair.