

# Front Brake Grind/Groan Noise

**Service Category** Brake

**Section** Brake (front)

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2009 - 2018	RAV4	VDS(s): BF31V, BF32V, BF33V, BF34V, BF35V, BF4DV, BF4EV, BF9DV, BFREV, BK31V, BK32V, BK33V, BK34V, BK35V, BK4DV, BK9DV, DF4DV, DF4EV, DF9DV, DFREV, DK4DV, DK9DV, EF4DV, EK4DV, JF4DV, JFREV, JK4DV, KF4DV, KF9DV, KK4DV, NFREV, RF4DV, RF4EV, RFREV, RK4DV, WF4DV, WF4EV, WFREV, WK4DV, XF4DV, XK4DV, YF4DV, YF4EV, YF9DV, YFREV, YK4DV, YK9DV, ZF31V, ZF32V, ZF33V, ZF34V, ZF35V, ZF4DV, ZF4EV, ZF9DV, ZFREV, ZK31V, ZK32V, ZK33V, ZK34V, ZK35V, ZK4DV, ZK9DV
2017 - 2018	iM	VDS(s): KARJE

### REVISION NOTICE

September 26, 2019 Rev1:

- The Warranty Information, Parts Information, and Repair Procedure sections have been updated.

Any previous printed versions of this bulletin should be discarded.

## Introduction

Some 2009 – 2018 model year RAV4 and 2017 – 2018 model year iM vehicles may exhibit a grind/groan noise from the front brake pads. An updated pad kit is now available as a service part. Follow the Repair Procedure in this bulletin to address this condition.

## Front Brake Grind/Groan Noise

### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
473301	R & R Front Pad Kit	See Flat Rate Manual	04465-0R031 04465-42180 04465-0R010 04465-42200	91	99

#### 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
PREVIOUS	NEW		
04465-0R031	04465-42210	Pad Kit, Front (11.65-in. Diameter Rotor)	1
04465-42180			
04465-0R010	04465-42220	Pad Kit, Front (10.82-in. Diameter Rotor)	1
04465-42200			

### Repair Procedure

1. Confirm the condition exists.
  - A. Is there a grind/groan noise present from the front brake pads?
    - **YES** — Continue to substep B.
    - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
  - B. Are the brake pads below the minimum specification of 1 mm?
    - **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
    - **NO** — Continue to step 2.

## Front Brake Grind/Groan Noise

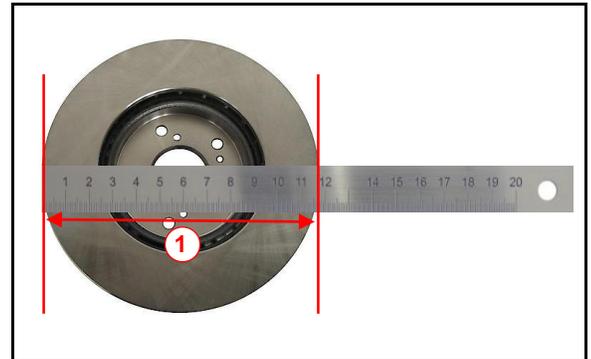
### Repair Procedure (continued)

2. Measure the front brake rotor diameter as shown.

Use the table below to determine the part number, then continue to step 3.

ROTOR DIAMETER	PART NUMBER
11.65 in. (296 mm)	04465-42210
10.82 in. (275 mm)	04465-42220

Figure 1.



<b>1</b>	<b>Rotor Diameter</b>
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3. Remove the front brake pad kit.

Refer to TIS, applicable model and model year Repair Manual:

- [2009](#) / [2010](#) / [2011](#) / [2012](#) RAV4:  
*Brake – Brake (front) – “Brake: Front Brake: Removal”*
- [2013 – 2018](#) RAV4:  
*Brake – Brake (front) – “Brake (Front): Front Brake: Removal”*
- [2017 – 2018](#) iM:  
*Brake – Brake (front) – “Brake (Front): Front Brake: Removal”*

4. Install the NEW front brake pad kit.

Refer to TIS, applicable model and model year Repair Manual:

- [2009](#) / [2010](#) / [2011](#) / [2012](#) RAV4:  
*Brake – Brake (front) – “Brake: Front Brake: Installation”*
- [2013 – 2018](#) RAV4:  
*Brake – Brake (front) – “Brake (Front): Front Brake: Installation”*
- [2017 – 2018](#) iM:  
*Brake – Brake (front) – “Brake (Front): Front Brake: Installation”*

5. Road-test the vehicle to confirm proper brake operation and that the condition is no longer present.