L- SB- 0034- 18  
September 12, 2018

Brake Squeal/Squeak (AWD F Sport and Non-F Sport)

Service Category  Brake
Section  Brake (front)  Market USA

Applicability

<table>
<thead>
<tr>
<th>YEAR(S)</th>
<th>MODEL(S)</th>
<th>ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016 - 2017</td>
<td>GS200T, IS200T, RC200T</td>
<td>WMI(s): JTH</td>
</tr>
<tr>
<td>2018</td>
<td>GS300</td>
<td>WMI(s): JTH</td>
</tr>
<tr>
<td>2013 - 2018</td>
<td>GS350, GS450H</td>
<td>WMI(s): JTH</td>
</tr>
<tr>
<td>2016 - 2018</td>
<td>IS300, RC300</td>
<td>WMI(s): JTH</td>
</tr>
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<td>IS350</td>
<td>WMI(s): JTH</td>
</tr>
<tr>
<td>2015 - 2018</td>
<td>RC350</td>
<td>WMI(s): JTH</td>
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</tbody>
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Introduction

Some 2013 – 2018 model year Lexus vehicles AWD F Sport models and non-F Sport models may exhibit a squeal/squeak noise from the front brake pads.

For customers who find this characteristic objectionable, an updated shim kit is now available as a service part.

Warranty Information

<table>
<thead>
<tr>
<th>OP CODE</th>
<th>DESCRIPTION</th>
<th>TIME</th>
<th>OFP</th>
<th>T1</th>
<th>T2</th>
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<tr>
<td>BR1805</td>
<td>R &amp; R Front Shim Kit</td>
<td>0.7</td>
<td>04945-30370</td>
<td>36</td>
<td>99</td>
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</table>

**APPLICABLE WARRANTY**

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months or 50,000 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.
Brake Squeal/Squeak (AWD F Sport and Non-F Sport)

Parts Information

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>PART NAME</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>04945-30370</td>
<td>04945-30360</td>
<td>1</td>
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</table>

Shim Kit, Anti Squeal, Front

Repair Procedure

1. Confirm the condition exists.
   A. Is a squeal/squeak noise present from the front brake pads?

   ![NOTE](image)
   - Brake squeal may be more likely at slower speeds or in Reverse.
   - Utilize chassis ears if necessary to help identify the source of the noise.

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

B. Is the vehicle either an AWD F Sport or a Non-F Sport model?
   - **YES** — Continue to substep C.
   - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

C. 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.
Brake Squeal/Squeak (AWD F Sport and Non-F Sport)

Repair Procedure (continued)

2. Replace the front brake shim kit.
   A. Remove the front pad kits.
      Refer to TIS, applicable model and model year Repair Manual:
      • **2014 – 2018 IS350:**
        Brake – Brake (front) – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Removal”
      • **2016 – 2017 IS200t:**
        Brake – Brake (front) – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Removal”
      • **2016 – 2018 IS300:**
        Brake – Brake (front) – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Removal”
      • **2013 / 2014 GS350:**
        Brake – Brake (front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Removal”
      • **2015 / 2016 / 2017 / 2018 GS350:**
        Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
      • **2013 / 2014 GS450h:**
        Brake – Brake (front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Removal”
      • **2015 / 2016 / 2017 / 2018 GS450h:**
        Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
      • **2016 – 2017 GS200t:**
        Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
      • **2018 GS300:**
        Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Removal”
      • **2015 – 2018 RC350:**
        Brake – Brake (front) – “Brake (Front): Front Brake: Removal”
      • **2016 – 2017 RC200t:**
        Brake – Brake (front) – “Brake (Front): Front Brake: Removal”
      • **2016 – 2018 RC300:**
        Brake – Brake (front) – “Brake (Front): Front Brake: Removal”
Repair Procedure (continued)

B. Install the NEW shim kit and reinstall the front brake pads.

**NOTE**

Clean the pad backing plates BEFORE shim kit installation and grease application.

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

- **2014 – 2018 IS350:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Installation”

- **2016 – 2017 IS200t:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Installation”

- **2016 – 2018 IS300:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake(for 2GR-FSE, 8AR-FTS, 2GR-FKS): Installation”

- **2016 – 2017 GS200t:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”

- **2013 / 2014 GS350:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Installation”

- **2015 / 2016 / 2017 / 2018 GS350:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”

- **2013 / 2014 GS450h:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake (for 17 inch Front Disc Brake): Installation”

- **2015 / 2016 / 2017 / 2018 GS450h:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”

- **2018 GS300:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake(for 1-piece Front Disc): Installation”

- **2015 – 2018 RC350:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake: Installation”

- **2016 – 2017 RC200t:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake: Installation”

- **2016 – 2018 RC300:**
  
  Brake – Brake (front) – “Brake (Front): Front Brake: Installation”
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Repair Procedure (continued)

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