



SI M31 01 15  
Front Axle

December 2018  
Technical Service

## GROANING/SQUEAKING NOISE FROM THE FRONT OF THE VEHICLE

New information provided by this revision is preceded by this symbol  .

This Service Information bulletin replaces SI B31 01 15 **dated November 2016**

### What's New:

- Model F60 added
- Cause and Correction added
- Procedure updated
- Parts information: New P/N for F54, F60

### MODEL

F54 (Cooper Clubman, Cooper S Clubman)	F55 (Cooper, Cooper S 4-door Hardtop)	F56 (Cooper, Cooper S 2-door Hardtop)	F57 (Cooper Convertible, Cooper S Convertible)
 F60 (Cooper, Cooper S, JCW Countryman)			

### SITUATION

A groaning and/or squeaking noise from the front axle occurs when turning at low speeds or idle.

### CAUSE

Plastic and elastic deformation of lower ball bearing shell in spring strut support bearing.

### CORRECTION

Improved upper guide supports

### PROCEDURE

Replace both upper guide supports of the front axle as per ISTA REP 3133001 Replacing front left or right spring strut support bearing.

### PARTS INFORMATION

**F54, F60 With SA223 Electronic Damper Control**

 Part Number	Description	Quantity
31 33 6 892 618	Guide support	2

**F55, F56, F57 With SA223 Electronic Damper Control**

Part Number	Description	Quantity
31 30 6 884 185	Guide support	2

**F54,F60 WITHOUT SA223 Electronic Damper Control**

Part Number	Description	Quantity
 31 33 6 892 617	Guide support	2

**F56 WITHOUT SA223 Electronic Damper Control**

Part Number	Description	Quantity
31 30 6 884 184	Guide support	2

**F55,F57 WITHOUT SA223 Electronic Damper Control**

Part Number	Description	Quantity
31 30 6 884 183	Guide support	2

 **WARRANTY INFORMATION**

Covered under the terms of the MINI New Passenger Car Limited Warranty.

<b>Defect Code:</b>	<b>3133013900</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
31 33 021	Refer to AIR/KSD2	Replacing both front spring strut mounts
Or:		
31 33 510	Refer to AIR/KSD2	Replacing both front spring strut mounts

Labor operation code 31 33 021 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 31 33 510 instead of 31 33 021.

Refer to AIR/KSD2 for the corresponding flat rate unit (FRU) allowance.

**Overlapping Labor Procedure – Other Repairs**

If invoicing the KSD2/AIR flat rate labor operation codes for other repair work results in overlapping labor, for

those flat rate labor operations that are affected, you are able to:

- Replace the stated KSD2 “FRU allowance” with a “reduced FRU value” to eliminate the overlapping labor.

For help in identifying the overlapping labor, please refer to the AIR FRU Plausibility Check (Overlapping Labor Tool) that is located in the AIR Client.

Eligible other repair work being claimed under a different defect code will require separate punch times.

On the repair order and in the claim comment section, please identify and itemize those labor operations being claimed with a “reduced FRU value.”

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