



SI M31 01 15  
Front Axle

October 2015  
Technical Service

This Service Information bulletin supersedes SI 31 01 15 **dated March 2015**.

**NEW** designates changes to this revision

#### SUBJECT

**Front Axle Noise when Turning at Low Ambient Temperatures**

#### MODEL

F55 (Cooper, Cooper S 4-door Hardtop)

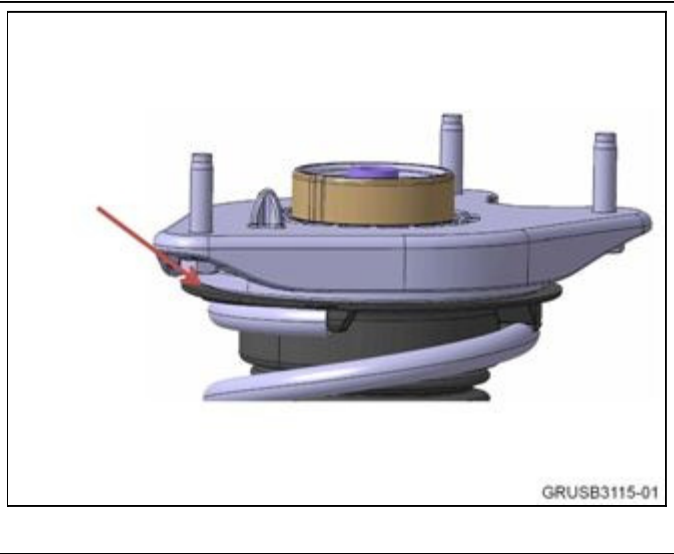
F56 (Cooper, Cooper S 2-door Hardtop)

#### SITUATION

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

**NEW** The noise is most noticeable at low temperatures (approx. 32 degrees F), but not at higher temperatures and after driving.

#### **NEW** CORRECTION

	<p>Lubricate the surface between the spring pad and spring strut support bearing. To do this, the support bearing must be removed. Refer to ISTA REP 3133001 "Replacing the spring strut support bearing at the front left or right".</p>
	<p>Clean dirt off surfaces of the spring pad and spring strut support bearing.</p>



Apply a thin coat of lubricating grease P/N 07 55 9 056 992 or P/N 83 23 0 301 796 to the entire surface of the spring pad and spring strut support bearing

**NEW PARTS INFORMATION**

Part Number	Description	Quantity
07 55 9 056 992	Lubricating Grease (Staburags NBU 30 PTM - 50G)	As needed
Or:		
83 23 0 301 796	Lubricating (Door) Grease (400ML)	As needed

**NEW WARRANTY INFORMATION**

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

<b>Defect Code:</b>	<b>31 33 01 39 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>

31 33 021	Refer to KSD2	Replacing both front spring strut mounts
And:		
31 99 000	1 FRU	Clean and apply lubricant to affected area of both front axle spring pads and spring strut support bearings

If you are using a Main labor code for another repair, use the Plus code labor operation 31 33 510 instead or 31 33 511 if the struts are removed to perform another repair.

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

Work time labor operation code 31 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.

And:

#### **Sublet Materials**

Sublet Code 4	See below	Reimbursement for the used quantity of Lubricating Grease (Bulk container reference P/N 07 55 9 056 992 or 83 23 0 301 796). Please do not use this part number for claim submission.
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Sublet calculation: Reimbursement for used quantity of lubricating grease (P/N 07 55 9 056 992 or 83 23 0 301 796) at dealer net plus handling.

Enter this material cost in sublet and itemize the amount in the claim comment section.

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