



SI M33 01 15  
Rear Axle

September 2015  
Technical Service

## SUBJECT

**Noises from the Rear Axle Shock Absorber**

## MODEL

F56 (Cooper and Cooper S 2-door Hardtop) with standard suspension

From Start of Production up to 07/14/15

## SITUATION

The customer complains about a hammering noise from the rear axle area, when driving on rough road surfaces with low ambient temperatures. This noise will disappear with warmer ambient temperature.

## CAUSE

Rear axle shock absorbers

## PROCEDURE

Verify customer's complaint. In case the noise is attributed to the rear axle shock absorber, then replace both rear shock absorbers.

Refer to ISTA repair manual REP 33 52 012 "Replacing the shock absorbers at the rear left or right"

**Note:** Wheel alignment is not necessary

## PARTS INFORMATION

Part Number	Description	Quantity
33 52 6 878 216	Shock absorber, rear	2

## WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>33 52 00 39 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
33 52 030	Refer to KSD2	Replacing both rear shock absorbers

If you are using a Main labor code for another repair, use the Plus code labor operation 33 52 530 instead.

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

[ Copyright ©2015 BMW of North America, Inc. ]