SI B31 02 18
Front Axle

March 2018
Technical Service

RATTLING NOISES FROM THE FRONT AXLE

MODEL

G01 (X3 xDrive 30i)	G01 (X3 M40i)	Produced from 8/1/2017 to 1/2/2018	

SITUATION

Rattling noises from the front axle near the steering gear when driven over uneven/rough road surfaces

CAUSE

Unfavorable tolerance of the rubber mount in tension struts

CORRECTION

A. Replace both tension struts with hydraulic mount;

And for the X3 M40i with the B58 engine only:

B. To prevent additional noises, the vibration absorbers and spring support vibration absorbers must also be replaced on the rear compartment lid.

PROCEDURE

1. Replace both front tension struts as per repair instructions: 31 12 050 Remove and install/replace tension strut left or right.

Note: Exchange both sides, the new part contains a hydraulic mount

2. Is the vehicle a **X3 M40i with the B58 engine**:

   No- the vehicle repair is completed

   Yes- continue and perform steps 3 and 4

3. Replace the vibration absorber as per repair instructions: 51 24 124 Replacing the vibration absorber
4. Replace the spring support for the vibration absorber of the tailgate as per repair instructions: 51 24 325 Removing and installing/replacing left tension spring for rear compartment lid

PARTS INFORMATION

Part Number	Description	Quantity
31 10 6 890 903	Tension strut with hydraulic mount, left	1

31 10 6 890 904	Tension strut with hydraulic mount, right	1

And, additionally for the G01 (X3 M40i):

Part Number	Description	Quantity
51 24 7 497 482	Spring support for vibration absorber	1
51 24 7 468 022	Vibration absorber	1
07 11 9 905 952	Hex screw with washer	4

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	**3112903900**	

G01 (X3 xDrive 30i)

Labor Operation:	Labor Allowance:	Description:
00 65 858	Refer to KSD2	Replace both front tension struts (Plus work)

Or, for the:

G01 (X3 M40i)

Labor Operation:	Labor Allowance:	Description:
00 65 859	Refer to KSD2	Replace both front tension struts and the vibration absorber and spring support for the rear compartment lid (Plus work)

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