



SI B31 01 16
Front Axle

April 2016
Technical Service

SUBJECT

Cracking noise in the area of the front axle support / wishbone

MODEL

F48 (X1 sDrive28i, X1 xDrive28i)

SITUATION

Customer complains of cracking noise coming from the area of the front axle when driving over rough road surfaces, railroad crossings and speed bumps.

CAUSE

Wishbone rubber mount

PROCEDURE

After duplicating situation, replace both wishbones of the front axle as per ISTA REP 3112001 Removing and installing left or right wishbone.

PARTS INFORMATION

Part Number	Description	Quantity
31 12 2 785 113	Wishbone bracket with rubber mount, left	1
31 12 2 785 114	Wishbone bracket with rubber mount, right	1
31 10 6 862 545	ASA Screw, self-threading M10x40 10.9	4
31 10 6 765 451	Combination nut M10x22H ZNS3	2
31 10 6 863 105	ASA Bolt M10X55	2
31 10 6 867 397	Square nut M12x1.5-10ZNS	2
31 10 6 868 038	ASA Bolt M12x1.5x10010.9	2

WARRANTY INFORMATION

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

Defect Code:	31 12 01 39 00	

Labor Operation:	Labor Allowance:	Description:
31 12 021	Refer to KSD2	Replacing both control arms

If you are using a Main labor code for another repair, use the Plus code labor operation 31 12 562 instead

And, with the above:

Checking Wheel Alignment

Labor Operation:	Labor Allowance:	Description:
32 00 595	Refer to KSD2	Wheel alignment check KDS with ride-height measurement, without load

And, if and as necessary:

Adjusting

Labor Operation:	Labor Allowance:	Description:
32 00 601	Refer to KSD2	Adjusting toe-in on front axle
Or:		
32 00 620	Refer to KSD2	Adjusting rear axle
Or:		
32 00 630	Refer to KSD2	Adjusting rear axle and front axle

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