



SI B31 05 14  
Front Axle

February 2017  
Technical Service

## FRONT SUSPENSION RIDE HEIGHT HAS DROPPED

### MODEL

<b>UPDATE!</b> F22 (2 Series Coupe)	<b>UPDATE!</b> F23 (2 Series Convertible)	F30 (3 Series Sedan)	F31 (3 Series Sport Wagon)
F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)
<b>UPDATE!</b> F48 (X1)			

### SITUATION



The front suspension ride height has been reduced on one or on both sides.  
The front spring strut damper slips through the clamp of the steering knuckle, damaging other front end components.

### CAUSE

Impact damage is caused by road obstacles (e.g., pot holes).

**Slippage of the damper(s) from overload is intentional, as it protects the body from severe damage by dissipating kinetic energy through the clamp. The correct function of the clamp was confirmed on the basis of detailed testing.**

Thus, these damages are classified as the result of outside influence and not a manufacturing defect.

Without this intentional slippage, there would be permanent deformations in the vehicle's body.

### REPAIR

Replacement of the steering knuckle and spring strut damper are required, along with any further damaged components (e.g., tires, xDrive axles) and related required hardware.

 **PARTS INFORMATION**

Please refer to the Electronic Parts Catalog (EPC), using the VIN to locate the part numbers.

**WARRANTY INFORMATION**

Damages due to outside influences are not covered under the terms of the BMW limited warranties.

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