



SUBJECT

Vehicle Drifts to the Right when Traveling Straight Ahead

MODEL

F25

Produced to 11/2012

SITUATION

The customer complains the vehicle drifts to the right when traveling straight ahead, on an even road surface, without braking.

This procedure does not apply for a steering wheel that is not centered when driving straight ahead.

CAUSE

1. Tires
2. Tolerance in the coil springs of the front axle

CORRECTION

1. Inspect and make sure the vehicle was not previously involved in an accident or similar (e.g., driven into a curb or pothole) in which chassis or body components were damaged. Any accident damage must be properly rectified first.
2. Check and confirm that BMW approved tires are installed. If the tires are not BMW approved, the appropriate BMW approved tires must be installed.
3. Check whether the tires installed are of different sizes, from different manufacturers or have different tread patterns; replace as necessary.
4. Check whether the tires are unevenly and/or excessively worn.
5. Tires which are damaged must be replaced.
6. Check and, if required, correct the tire pressures.
7. Should the fault continue to occur after correcting the above items as necessary, replace the coil springs on the front axle, along with the lower pad, per Repair Instruction RA 31 33 100.

After installation, perform a wheel alignment check per RA 32 00 155.

PARTS INFORMATION

Part Number	Description	Quantity
31 33 6 787 114	Spring Pad Lower	2

Refer to EPC

Front coil spring*

2

*Refer to spring table for coil spring application per vehicle. The new coil springs must have the marking "AI03."

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Program.

Defect Code: 32 00 02 97 00

Correction Step # 7 Only

Labor Operation:	Labor Allowance:	Description:
32 99 000	Work time (WT)	Worktime to visually inspect the vehicle and tires and check/adjust the tire pressures
and		
31 33 589	Refer to KSD2	Removing and installing or replacing coil springs on both front spring struts

and

Wheel Alignment

Labor Operation:	Labor Allowance:	Description:
32 00 595	Refer to KSD2	Wheel alignment check with KDS without load
and as applicable		
32 00 601	Refer to KSD2	Adjusting toe-in front axle
or		
32 00 620	Refer to KSD2	Adjusting rear axle
or		
32 00 630	Refer to KSD2	Adjusting rear and front axle

or

Sublet Code 3	Dollar Amount	Wheel alignment performed by a outside repair facility at cost
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Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the "Search" button, and then enter the applicable flat rate labor operation in the FR code field.

Work time (WT) labor operation 32 99 000 requires an individual punch time.

If you are using a labor operation 32 99 000 as a Main labor code, use Plus code labor operations for all other repairs.

This does not apply when a maintenance “Service - Standard Scope” procedure is also being performed.

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