



SIB 32 04 25

2025-05-02

DIAGNOSTIC HINT: STEERING WHEEL STICKS IN CENTER POSITION

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
<input type="checkbox"/>	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

MODEL

G01 (X3 Sports Activity Vehicle)	G02 (X4 Sports Activity Coupe)	G20 (3 Series Sedan)	G22 (4 Series Coupe)
G23 (4 Series Convertible)	G26 (4 Series Gran Coupe)	G29 (Z4 Roadster)	G42 (2 Series Coupe)

SITUATION

After prolonged straight-ahead driving (e.g. highway driving), there may be a temporary, slightly noticeable increase in steering forces when steering out of the steering wheel center position.

This minimally noticeable increase in steering forces is perceived as a slight, brief resistance.

After overcoming this brief resistance when steering out of the steering wheel center position, no permanent increase in steering forces is noticeable.

CAUSE

Increased friction in the steering components.

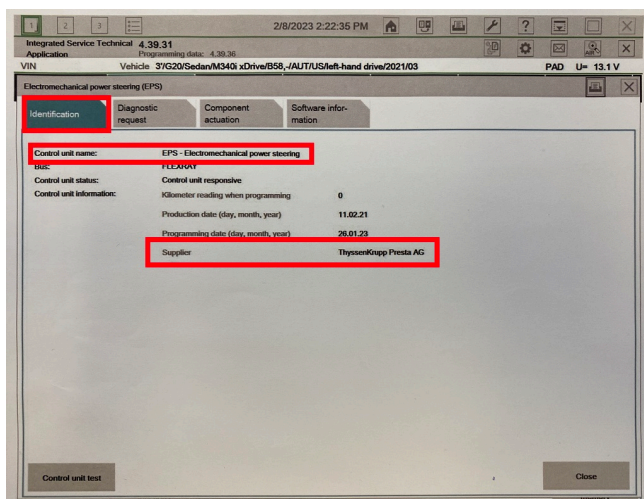
PROCEDURE

G01, G02 are equipped with EPS from the manufacturer **JTEKT**.

G29 is equipped with EPS from the manufacturer **Thyssen Krupp Presta AG (TKPS)**.

G20, G22, G23, G26, G42 are equipped with EPS either from the manufacturer **TKPS** or **JTEKT**.

The installed EPS can be identified via ISTA control unit functions.



Use the attached diagnostic troubleshooting steps for the appropriate vehicle and Electric Power Steering (EPS) installed.

CLAIM INFORMATION

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department

Supporting Materials

[picture_as_pdf B320425 G26BEV Diagnostic hint.pdf](#)

[picture_as_pdf B320425 Other models Diagnostic hint.pdf](#)

Diagnostic Hint: Steering wheel sticks in center position

Procedure

For **G26 BEV** only.

EPS from JTEKT:

1. Replace the replace the lower steering spindle with double joint

Re-evaluate the vehicle. Was the fault rectified?

Yes, no further repair. When the lower spindle is the cause, defect code 3231053100

No, continue to step 2

2. Replace the steering column

Re-evaluate the vehicle. Was the fault rectified?

Yes, no further repair. When the steering column is the cause, defect code 3231212100

No, Replace the EPS. When the EPS is the cause, defect code 3213021400

EPS from TKPS:

1. Release the tension of the EPS by loosening the mounting bolts. Replace the bolts and retighten as per REP32 13 572, step for Installing the EPS.

Perform wheel alignment check

Re-evaluate the vehicle. Was the fault rectified?

Yes, no further repair. When the EPS is the cause, defect code 3213021400

No, continue to step 2

2. Replace the replace the lower steering spindle with double joint

Re-evaluate the vehicle. Was the fault rectified?

Yes, no further repair. When the lower spindle is the cause, defect code 3231053100

No, continue to step 3

3. Replace the steering column

Re-evaluate the vehicle. Was the fault rectified?

Yes, no further repair. When the steering column is the cause, defect code 3231212100

No, Replace the EPS. When the EPS is the cause, defect code 3213021400

Diagnostic Hint: Steering wheel sticks in center position

Procedure

For all models including G26 **ICE**

EPS from JTEKT:

1. Replace the steering column

Re-evaluate the vehicle. Was the fault rectified?

Yes, no further repair. When the steering column is the cause, defect code 3231212100

No, Replace the EPS. When the EPS is the cause, defect code 3213021400

EPS from TKPS:

1. Release the tension of the EPS by loosening the mounting bolts. Replace the bolts and retighten as per REP32 13 572, step for Installing the EPS.
Perform wheel alignment check

Re-evaluate the vehicle. Was the fault rectified?

Yes, no further repair. When the EPS is the cause, defect code 3213021400

No, continue to step 2

2. Replace the mechanical steering column

Re-evaluate the vehicle. Was the fault rectified?

Yes, no further repair. When the steering column is the cause, defect code 3231212100

No, Replace the EPS. When the EPS is the cause, defect code 3213021400