

2.6 Electronic hydraulic steering (EPS)

Validities

BMW passenger cars, BMW i, MINI passenger cars, Rolls-Royce passenger cars

Official method according to EG PTI:

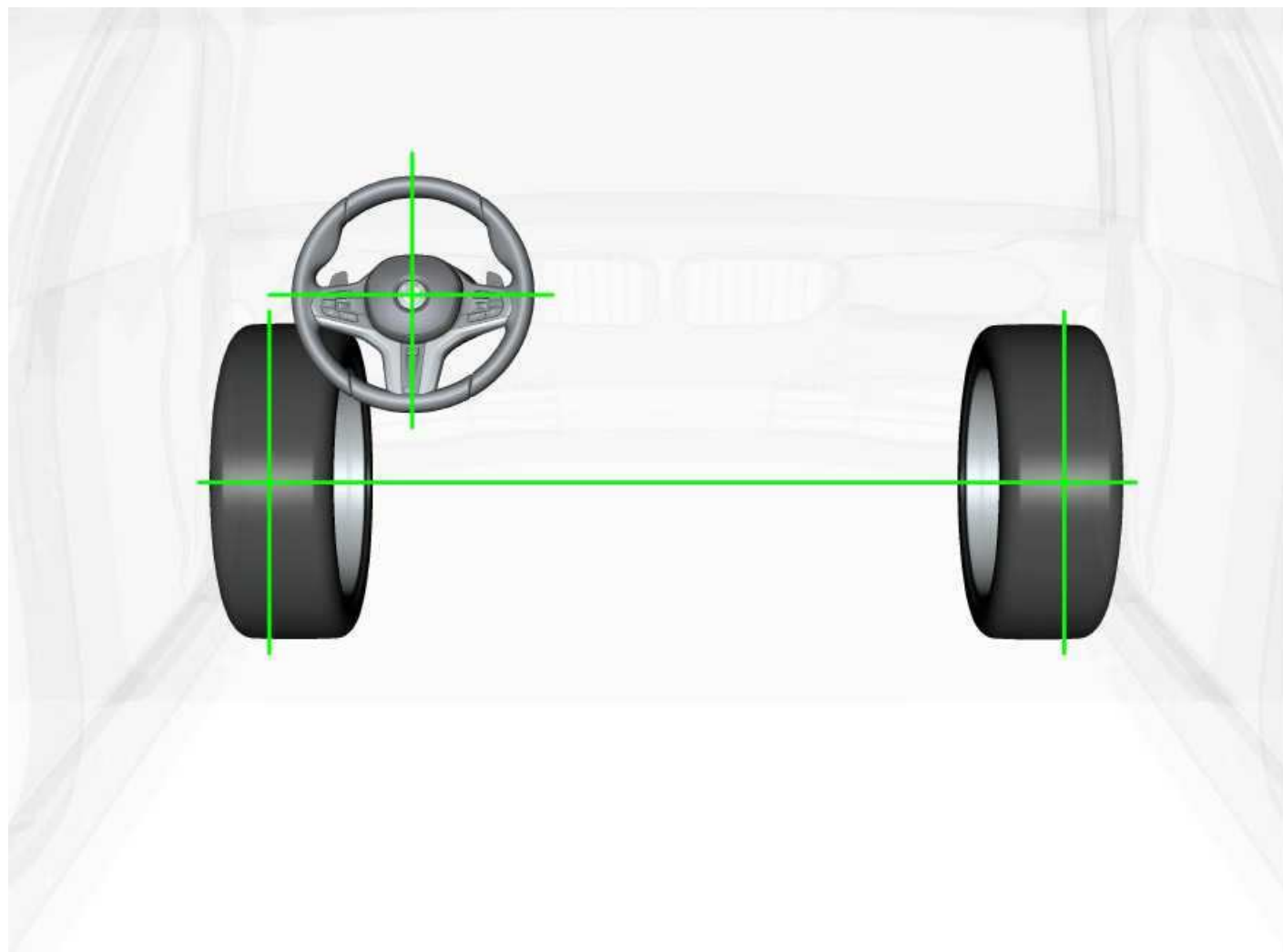
Visual inspection and checking whether the steering wheel angle and the wheels correspond when switching the engine on/off and/or using the electronic vehicle interface

Fault determination according to EG PTI:

a)	EPS malfunction indicator lamp (MIL) indicates a fault in the system.
b)	Discrepancy between the steering wheel angle and the wheel angle, steering impaired.
c)	Hydraulic steering not working.
d)	System outputs an error via the electronic vehicle interface.

Methods according to vehicle manufacturer:

Visual inspection: The wheels and steering wheel must be straight.



1	Indicator light and Check Control symbol
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In the event of failure of the electromechanical power steering (EPS), a Check Control symbol appears in the LCD. Simultaneously, the fixed indicator lamp comes on in the instrument cluster.

Assessment of the rubber mounts on axle components

Evaluation criteria of rubber mounts

General information:

- Rubber mounts are generally not a safety component
- Tether is constructionally secured
- Separation of the adhesion and cracks are generally permitted
- Fluid loss and grease loss in hydraulic mounts is permitted

Specific test criteria:

- Tight fit of the ball bearing must be ensured
- Excessive play while jolting the component is not permitted (check with a loaded axle)
- Grinding marks and metallic noises while jolting the component are not permitted