

Steering assist unavailable, red steering wheel and multiple MILs in instrument cluster

Topic number	LI46.80-P-068102
Version	2
Function group	46.80 Auxiliary rear axle steering, auxiliary steering axle (ZL), electro-hydraulic auxiliary steering (EHZ)
Date	08-03-2018
Validity	MY18 190.379
Reason for change	Parts replacement is no longer necessary as VIN specific software is available.
Reason for block	

Complaint:

Driver may be notified of diminished steering assist, and multiple MILs will be in the instrument cluster (red steering wheel, ESP light on). Please also reference the associated fault codes.

Cause:

When the vehicle is parked with the wheels slightly turned on uneven road, the software may read that the rear axle steering actuators may be out of position, stuck, or blocked.

Remedy:

Software is now available via FSF. Parts replacement is not necessary as the fault code does not have a root cause that is hardware related. If a complaint is received that fits this LI, please create a PTSS case and provide the initial quick test, along with the control unit log for the relevant rear steering control unit.

Symptoms
Chassis/suspension / Steering system / Function / Stiff/sluggish
Chassis/suspension / Steering system / Display message / Pow. steer. faulty Serviced Required
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program (ESP) / Display message
Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability Program (ESP) / Indicator lamp

Control unit/fault code		
Control unit	Fault code	Fault text
N68/4 - Rear axle steering (HAL) (HAL190R)	C101271	Component 'Right rear axle steering' is blocked.
N68/3 - Rear axle steering (HAL) (HAL190L)	C101271	Component 'Left rear axle steering' is blocked.

XENTRY TIPS

N30/4 - Electronic stability program (ESP®) (ESP190_AMG)	C05B500	There is a fault in control unit 'HAL'.
A89 - DISTRONIC (DTR) (LRR3)	C229D00	The CAN message from control unit 'Electronic stability program' is faulty.
A89 - DISTRONIC (DTR) (LRR3)	C22EA00	CAN signal 'Shutoff of function 'DISTRONIC' from control unit 'ESP®' is implausible.