

Steering and ESP MILs in instrument cluster at start up

Topic number	LI46.80-P-068102
Version	3
Function group	46.80 Auxiliary rear axle steering, auxiliary steering axle (ZL), electro-hydraulic auxiliary steering (EHZ)
Date	11-26-2018
Validity	190 with code 201 (rear axle steering) 190 with code M030 (GT R version) 190 with code M031 (GT C version)
Reason for change	Software available via Xentry add on - cases no longer needed for provision of FSF
Reason for block	

Complaint:

At start up, multiple MILs will be in the instrument cluster (red steering wheel, ESP light on). Despite the messages, which go away with key cycle, the power steering is not diminished. 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:

Please perform a software update to both rear steering control units (N68/3 and N68/4). Software is now available via the following add ons:

Xentry 07/18: add on 11077

Xentry 09/18: add on 11078

Software will be available normally through Xentry 12/18.

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	Actuator blocked

XENTRY TIPS

N68/3 - Rear axle steering (HAL) (HAL190L)	C101271	Component 'Left rear axle steering' is blocked.
N30/4 - Electronic stability program (ESP®) (ESP190_AMG)	C05B500	There is a fault in control unit 'HAL'.
A89 - DISTRONIC (DTR) (LRR3)	C229D00	CAN signal 'Vehicle speed' from control unit 'ESP®' is implausible.
A89 - DISTRONIC (DTR) (LRR3)	C22EA00	CAN signal 'Shutoff of function 'DISTRONIC' from control unit 'ESP®' is implausible.