

Vehicle starts off on an incline with higher engine speed from HOLD

Topic number	LI42.47-P-068825
Version	2
Function group	42.47 Adaptive Brake (ABR)
Date	10-29-2018
Validity	BR166/292
Reason for change	Distribution
Reason for block	

Complaint:

Vehicle starts off with higher engine speed when "HOLD" activated and on an incline.

When "HOLD" function is not activated, vehicle starts off with a significantly lower engine speed at the same location.

Note:

No fault codes (DTC) are present in ESP control unit (N30/4).

Cause:

Possibly Calibration.

Remedy:

Calibrate valves of ESP hydraulic unit using XENTRY, repeat procedure if necessary.

Note:

Perform N30/4 ESP control unit - Adaptations - Teach-in process - Calibration of component part "A7/3 (Traction system hydraulic unit)".

Note:

All of the currently available add-ons must be installed.

Xentry version - add-on number:

05/2018 - 10745

07/2018 - 10746

09/2018 - 10747

Symptoms

XENTRY TIPS

Power transmission / Function / No power flow
Power transmission / Automatic transmission / Function / Poor start-off performance
Power transmission / Automatic transmission / Function / No power flow
Power transmission / Automatic transmission / Function / Shuddering during start-off
Power transmission / Drive shaft / Axle shaft / Function / No power flow
Chassis/suspension / Brake system / Service brake / Function / Brakes general
Chassis/suspension / Brake system / Service brake / Function / Vehicle brake does not release completely
Chassis/suspension / Brake system / Service brake / Function / Blocks
Chassis/suspension / Brake system / Brakes/traction regulation system / Brake assist system BAS / Function / Cuts off too strong
Chassis/suspension / Brake system / Brakes/traction regulation system / Starting-off aid / Malfunction
Power generation / Engine management / Engine performance / No/poor output