
Vehicle jolts during gentle braking

Topic number	LI27.20-P-052096
Version	1
Design group	27.20 Torque converter
Date	06-29-2011
Validity	Models 221.095 and 221.195 (Hybrid)
Reason for change	
Reason for block	

Complaint:

The vehicle jolts during gentle braking. As soon as the brake is actuated more strongly, the complaint no longer occurs.

Cause:

Adaptation values of torque converter lockup clutch of automatic transmission have changed. Alternator engages too early during braking.

Remedy:

Perform adaptation of torque converter lockup clutch.

Select the following menu item via DAS/Xentry:

Powerplant->Electronic transmission control (722.9 7G-Tronic)->Transmission adaptation>Reset adaptation data (torque converter lockup clutch) then Adaptation of torque converter lockup clutch in same submenu.

Perform both adaptation types guided by DAS/Xentry:

1. Adaptation via coolant temperature during cold start
2. Adaptation via three different torque ranges

Then perform a brief test drive and check whether the complaint is eliminated. If this is not the case, contact the product support team and read out the EEPROM data as a log file and attach it to the TIPS case before resetting the adaptation data.

Symptoms
Power transmission / Automatic clutch / Jolting / Automatic clutch, function / Clutch /
Power transmission / Power transmission, function / Vibrations /
Vibrates/shudders / Chassis/suspension / Service brake / Brake system / Brakes Function /
Chassis/suspension / Regenerative braking system / Brake system / Nonfunctional /