



Mercedes-Benz
The best or nothing.

star bulletin



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Order No.: S-B-27.00/124
Group: 27

**SUBJECT: Transmission 722.9
Additional Adaptation Counter Indicator**

Starting with Star Diagnosis DVD 09/12, values within the adaptation counter for gear adaptation will be indicated acoustically and in the various temperatures "cold", "warm" and "hot" via a frequency counter. This will clarify checking of the performed adaptations. **Only the model series as of model 204 which are compatible with Xentry Diagnostics can be processed.**

The screenshot shows the XENTRY Diagnostics interface for a Mercedes-Benz vehicle. The main window displays the 'VGS - Fully integrated transmission control (Y3/8n4)' section. On the left, a navigation tree lists various functions under 'Adaptation of the gearshifts', including 'Upshifts', 'Downshifts', and 'Acceleration downshifts'. The right pane shows 'Actual values' for 'Engine torque [Nm]' and 'Engine speed [1/min]' with corresponding graphs. Below these, a table shows 'Number of adaptation processes : 0'. A warning icon indicates 'Oil temperature of automatic transmission' is at -50°C, with a specified value of ≥ 40. At the bottom, a table titled 'Adaptation values of shift 1-2:' shows frequency counter adaptation data for COLD, WARM, and HOT temperatures.

Frequency counter adaptation	Values prior to adaptation	Values after adaptation	Number of adaptation processes
COLD	7	9	2
WARM	4	4	0
HOT	1	2	1

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