

## Mercedes Transmission Optimize - Adaptation Procedure 722.6

Transmission Control Module N15/3 of transmission series 722.6 has the capability to variations in shift member clearances, filling pressures and friction characteristics in maintaining optimal functions

Transmission adaptation must be performed after:

- 1.) Replacement of transmission assembly
- 2.) Replacement of Transmission Control Module N15/3
- 3.) If shifting characteristics seem unfavorable
- 4.) If shift quality has decreased after repairs or battery supply interrupted
- 5.) Components have been replaced in transmission

General Information Concerning 722.6 Adaptation Process:

- 1.) Each shift and each shift member has control module requirements
- 2.) Adaptation values are established during shifting with extreme light loads. The transmission then functions correctly in all other driving conditions
- 3.) Approximately eight shifts *per shift member* must take place within the permissible engine torque, engine speed and transmission oil temperature allowances to effectively improve adaptation values.
  - a.) *Upshifting using transmission selector lever is an effective method to achieve upshifts with such light engine torque*
- 4.) Engine must continue to run for at least 10 minutes after transmission adaptation is performed. This will allow control module to record and store the new adaptation values into memory. (This is conducted in Park / Idle condition)

*Note! If engine is turned off prior to the required 10 minutes time interval, all new adaptation values will NOT be stored. Transmission control module will default to previous values!*

*Adaptation Procedure as follows:*

- 1.) Transmission oil temperature at 80° to 90° C optimally
- 2.) Connect scanner to indicate RPM and Speed
- 3.) Climate Control (A/C System) in OFF condition
- 4.) Drive on *level* road condition with *light* throttle
- 5.) Do NOT exceed the maximum RPM value during shift process (1800 to 2400 RPM)

Take notice of the following Shift Adaptation Chart below:

# Mercedes Transmission Optimize Adaptation Procedure 722

**Rachel Sandford**



**Mercedes Transmission Optimize Adaptation Procedure 722:**

Working Mother ,2003-10 The magazine that helps career moms balance their personal and professional lives  
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