



DTB

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Group: 27

Revision History

Revision	Date	Purpose
a	1/16/07	Technical Content Revised
-	11/27/06	Initial issue

**SUBJECT: All Passenger Models Equipped with 722.9 Transmission (7G-Tronic)
Fault Codes 2502, 2505, P0894 or P2711**

If you receive reports in the above model vehicles of the automatic transmission being in limp-home mode or having no power transfer from the transmission together with fault codes 2502, 2505 or P0894, P2711, these codes must be processed according to the vehicle symptoms. First, attempts must be made to reproduce the problem.

If the above fault codes are stored in connection with **shift quality** complaints, please proceed according to the Diagnostic Tree posted on Star TekInfo → EDAC → Diagnostic Guide for 722.9 NAG 2 (7G-Tronic) Transmission.

If the fault codes are stored together with **loss of power transfer**, proceed with the below solutions per the respective possible cause.

Cause 1: K1 piston is damaged (adaptation data for the 2-3 shift may be at the positive limit).

Solution 1: If the complaint can only be reproduced for the 2-3 upshift or if third gear can not be reached, there is a defect of the K1 piston.

- Replace the complete multi-disc clutch K1 as per the parts list.
- Reset the adaptation data.

Cause 2: Tolerance in the electrohydraulic control unit (valve body) may not be optimal.

Solution 2: If the K1 multi-disc clutch is not responsible for the concern, replace the electrohydraulic control unit (valve body) and perform initial startup.

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.



Note: When diagnostic events lead to a transmission or valve body replacement, please refer to DTB P-B-27.00/38d for the proper completion of the WSG pre-authorization requirements.

Parts Information

Qty.	Part Name	Part Number
1	Multi-disc clutch K1 complete (722.903/904/907 observe notes in EPC)	A220 270 98 28
1	Multi-disc clutch K1 complete (722.901/902/906/999 observe notes in EPC)	A220 270 99 28
1	Multi-disc clutch K1 complete (722.998 observe notes in EPC)	A220 270 07 49