



DTB

Date: December 16, 2008
Order No.: S-B-27.00/102b
Supersedes: P-B-27.00/102a and T-B-27.00/103a dated January 9, 2008
Group: 27

Revision History

Revision	Date	Purpose
b	12/16/08	Warranty Information Updated
a	1/9/08	Warranty Information Updated
-	11/30/07	Initial issue

**SUBJECT: All Models Equipped with 722.9 (7G-Tronic) Transmission
Transmission in Limp Home Mode**

If you receive customer reports in the above model vehicles of the transmission being in limp home mode (intermittently or permanently) with fault code(s) 0741, 0893, 0894, 2502, 2504, 2505, 2511, 2711, 2783 are stored in the transmission control module **as well as** particulate in the transmission oil pan which corresponds to the pattern shown in Figure 1; the cause may be related to the torque converter lock-up clutch or the rear planetary gear set.

i **Note:** Follow the WSG Pre-Authorization Process as outlined in DTB P-B-27.00/38d dated November 7, 2006 and be sure to provide all of the required documentation.

To resolve, replace the transmission and torque converter. Be sure to flush all particulate out of the cooler before installing the new transmission/torque converter.

Warning! Do not clean any of the particulate from the oil pan or the magnets prior to sending the transmission back to the QEC.

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.



Figure 1

P-B-27.00/102

Parts Information

Qty.	Part Name	Part Number
1	Transmission	As per EPC
1	Torque converter	As per EPC



Note: The following allowable labor operations should be used when submitting a warranty claim for this repair. This information has been generated on December 16, 2008. Please refer to Netstar → Star TekInfo → Star Time for the most current labor time allowance.

In Case of Warranty

Operation: Short test, perform (54-1011)
 Oil pan on auto. trans. remove/install/seal, repl. if necessary veh. with 722.9 trans. (27-7033)

- Oil level – auto. trans. (after leak test), check/correct veh. with 722.9 trans. (27-1256)
- Automatic transmission – (veh. with 722.9 trans), R&R (27-2029)
- Auto. transmission – (transmission removed), replace (27-2150)
- Control unit – software (after short test), install (54-0991)
- Control unit -code (after short test), perform (54-0992)
- Adaptation perform (27-1047)
- Analysis form, fill out (02-3472)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
27287 D1 or 27141 D1	54 1011	0.3 hrs.	AA, AD, AE, BA, BB, BC, BD, BE, BF, CA, CB, CC, CD, DA, DC, DE, EA, EB, EC, ED, L1, M1, M2, N1, Q6, Q7, Q9, R1, R5, R8, S2, S5, S7, S8, S9, SA, SB, SC, T2, T7, T9, TB, TC, U2, U6, U8, X1, X2, X3, X4, Y1, Y3, Y4, Z1, Z2, Z3, Z4, Z5
	27 7033	0.9 hrs.	AA, AD, AE, BA, BB, BC, BD, BE, BF, DA, DC, DE, EA, EB, EC, ED, X1, X2, X3, X4, Z1, Z2, Z3, Z4, Z5
		1.0 hrs.	CC, CD, T2, T7, T9, TB, TC, U2, U6, U8, Y1, Y3, Y4
		1.1 hrs.	S2, S5, S7, S8, S9, SA, SB, SC
		1.2 hrs.	CA, CB, R1, R5, R8
		1.3 hrs.	Q6, Q7, Q9
		1.4 hrs.	M1, M2, N1

Continued from Page 2
In Case of Warranty

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
	27 1256	0.5 hrs.	AA, AD, AE, BA, BB, BC, BD, BE, BF, CA, CB, CC, CD, DA, DC, DE, EA, EB, EC, ED, L1, M1, M2, N1, Q6, Q7, Q9, R1, R5, R8, S2, S5, S7, S8, S9, SA, SB, SC, T2, T7, T9, TB, TC, U2, U6, U8, X1, X2, X3, X4, Y1, Y3, Y4, Z1, Z2, Z3, Z4, Z5
If necessary	27 2029	3.7 hrs.	CA, CB
		3.8 hrs.	T2, T9, Y1
		3.9 hrs.	U2
		4.0 hrs.	BD, BE, TB, TC, U8, Y3, Y4
		4.1 hrs.	CD, EB, Z4
		4.2 hrs.	BA, EA, EC, S2, S5, S7, S8, S9, SA, SB, T7, U6, Z1
		4.3 hrs.	AA, DA, SC
		4.4 hrs.	X1, X3, X4
		4.5 hrs.	BF
		4.6 hrs.	BB, M1, M2, R5, Z3
		4.8 hrs.	AE, DC, Q6, Q7, Q9
		4.9 hrs.	N1
		5.1 hrs.	X2, Z2, Z5
		5.2 hrs.	AD, BC, DE
		5.3 hrs.	R1
		5.8 hrs.	R8
		6.1 hrs.	CC
		7.5 hrs.	L1
	02 3472	0.2 hrs.	AA, AD, AE, BA, BB, BC, BD, BE, BF, CA, CB, CC, CD, DA, DC, DE, EA, EB, EC, ED, L1, M1, M2, N1, Q6, Q7, Q9, R1, R5, R8, S2, S5, S7, S8, S9, SA, SB, SC, T2, T7, T9, TB, TC, U2, U6, U8, X1, X2, X3, X4, Y1, Y3, Y4, Z1, Z2, Z3, Z4, Z5

Continued on Page 4

Continued from Page 3
In Case of Warranty

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
	27 2150	0.3 hrs.	BE
		0.4 hrs.	AA, AD, AE, BA, BB, BC, BD, BF, CA, CB, CC, CD, DA, DC, DE, EA, EB, EC, S2, S5, S7, S8, S9, SA, SB, SC, T2, T7, T9, TB, TC, U2, U6, U8, X1, X2, X3, X4, Y1, Y3, Y4, Z1, Z2, Z3, Z4, Z5
		0.5 hrs.	L1, M1, M2, N1, Q6, Q7, Q9, R1, R5, R8
	54 0991	0.3 hrs.	AA, AD, AE, BA, BB, BC, BD, BE, BF CA, CB, CC, CD, DA, DC,DE EA, EB, EC,ED, L1, M1, M2, N1, Q6, Q7, Q9, R1, R5, R8, S2, S5, S7, S8, S9, SA, SB, SC, T2, T7, T9, TB, TC, U2, U6, U8, X1, X2, X3, X4, Y1, Y3, Y4, Z1, Z2, Z3, Z4, Z5
	54 0992	0.1 hrs.	AA, AD, AE, BA, BB, BC, BD, BE, BF CA, CB, CC, CD, DA, DC,DE EA, EB, EC,ED, L1, M1, M2, N1, Q6, Q7, Q9, R1, R5, R8, S2, S5, S7, S8, S9, SA, SB, SC, T2, T7, T9, TB, TC, U2, U6, U8, X1, X2, X3, X4, Y1, Y3, Y4, Z1, Z2, Z3, Z4, Z5
	27 1047	1.0 hrs. *	AA, AD, AE, BA, BB, BC, BD, BE, BF CA, CB, CC, CD, DA, DC,DE EA, EB, EC,ED, L1, M1, M2, N1, Q6, Q7, Q9, R1, R5, R8, S2, S5, S7, S8, S9, SA, SB, SC, T2, T7, T9, TB, TC, U2, U6, U8, X1, X2, X3, X4, Y1, Y3, Y4, Z1, Z2, Z3, Z4, Z5

* Maximum time allowed with a separate time punch. Ensure that punches are labeled as NON time.