



**DTB**

Date: March 2, 2009  
Order No.: P-B-27.20/78a  
Supersedes: P-B-27.20/78 dated August 30, 2006  
Group: 27

**Revision History**

Revision	Date	Purpose
a	3/2/09	Production Cut-Off Added to Diagnosis 2
-	8/30/06	Initial issue

**SUBJECT: Model 211.026/065/070/076/082/083/265/276/282/283  
Equipped with 722.6 Transmission  
Vehicle Jolt at Constant Speeds or During Gentle Acceleration When Torque  
Converter Clutch is Applied**

If you receive customer reports in the above model vehicles of a vehicle jolt at constant speeds or during gentle acceleration when the torque converter clutch changes from open to slipping state and vehicle mileage is > 40,000, perform the following diagnosis / remedy.

Diagnosis

1. Verify that the concern is no longer reproducible with the torque converter clutch deactivated, using SDS path: Control units → Drive → Transmission → Diagnostic routines → Switch off torque converter clutch.
2. On vehicles up to production 09/2003, verify there is no glycol present in the transmission oil by following the glycol test procedure in DTB P-B-27.55/50g or latest version.

After the above criteria have been confirmed, follow the steps below to flush the transmission oil and restore proper function to the torque converter clutch.

Remedy

1. Run the vehicle until the transmission oil temperature is up to 80° C (176° F) and have 14 liters of fresh transmission oil available (A001 989 45 03 13).
2. Drain the oil from the transmission and install a new transmission oil filter and pan gasket. Refer to WIS document AP27.00-P-2702i.

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3. Fill transmission with 5 liters of fresh oil.
4. Detach the right side (passenger side) transmission cooler line from the transmission including the mounting bracket on engine.
5. Direct the flow of the cooler line into a bucket which has a 10 liter capacity and a measurement scale.
6. Start the engine and allow 3 liters of transmission oil to flow into the bucket from the cooler line.
7. Switch off the engine and replenish another 3 liters of fresh oil into the transmission.
8. Repeat steps 6 and 7.
9. Reconnect the cooler line to the transmission (replace the sealing ring) and reattach the mounting bracket as well.
10. Make a final oil level correction, clean any residual oil from the flushing process and check for leaks.

**i** **Note:** Improvements will become noticeable after about 60-120 miles of driving.

### Parts Information

Qty.	Part Name	Part Number
14	Automatic transmission oil	A001 989 68 03
1	Pan Gasket	A140 271 00 80
1	Transmission Filter	A140 277 00 95
1	Sealing ring (drain screw)	N007603 010112
1	Sealing ring (Banjo bolt, oil cooler line)	N007603 014102

**i** **Note:** The following allowable labor operations should be used when submitting a warranty claim for this repair. This information has been generated on March 2, 2009. 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)  
 Test program – after short test, perform (54-1012)  
 Automatic transmission oil pan, R&R / seal (27-7030)  
 Oil filter for automatic transmission replace (with oil pan removed) (27-7080)  
 Transmission oil cooler and lines, flush (27-7150)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
27551 D5	54 1011	0.3 hrs.	T1, T2, T3, T4, T5, T6, U1, U3, U4, U5
	54 1012	0.5 hrs.	T1, T2, T3, T4, T5, T6, U1, U3, U4, U5
	27 7030	1.2 hrs.	T1, T2, T3, T4, T5, T6, U1, U3, U4, U5
	27 7080	0.1 hrs.	T1, T2, T3, T4, T5, T6, U1, U3, U4, U5
	27 7150	0.3 hrs. *	T1, T2, T3, T4, T5, T6, U1, U3, U4, U5

\* to be claimed only one time