



DTB

Date: January 28, 2009
Order No.: P-B-28.50/11
Supersedes:
Group: 28

SUBJECT: Model 203.081/084/087/092/281/284
Model 211.082/083/282
Model 211.087/287, Up to VIN X224020
Model 220.183/184
Vibrations from Power Train When Cornering and/or Shuddering When Making Sharp Turns at Low Speeds

If you receive customer reports in the above model vehicles of vibrations and shuddering when making sharp turns at low speeds, the cause may be from changes in the friction coefficient of the clutch disks in the planetary gear set of the transfer-case.

If this is the first repair attempt on the vehicle, perform the oil change as described in WIS document AR28.10-P-2500p.

1. Run until the transfer case is at least warm to the touch and drain oil in installation position immediately afterwards.
2. Pour in fresh oil (A001 989 23 03 10). To do this, pour approximately 0.25 - 0.5l of fresh oil through the filler hole with the transmission / transfer case lowered and the drain hole sealed
3. Move transmission back to the installation position and drain the oil again.
4. Seal drain hole and fill transfer case to full level as per filling specification (refer to WIS document AR28.10-P-2500p).
5. Run in the fresh oil: drive the vehicle for approximately 12-18 miles at a speed of 40-60 MPH to coat the disk.
6. Shuddering in the turning circle should no longer be detectable. If it is, repeat step 5.

If this is the second repair attempt on the vehicle, replace the transfer case. Refer to WIS document AR28.10-P-0100p (203), AR28.10-P-0100T (211) or AR28.10-P-0100i (220).

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.

Parts Information

Qty.	Part Name	Part Number
2	Automatic Transmission Fluid	A001 989 23 03 10
1	Transercase- Valid for models 220, 211 with M113	A220 280 07 00
1	Transercase- Valid for model 203 with M112, M272; model 211 with M112; model 211 with M272 up to VIN end no.: 1B201782	A203 280 07 00
1	Transercase- Valid for model 211 with M 272 as of VIN end no.: 1B201782	A211 280 09 00



Note: The following allowable labor operations should be used when submitting a warranty claim for this repair. This information has been generated on January 28, 2009. Please refer to Netstar → Star TekInfo → Star Time for the most current labor time allowance.

In Case of Warranty

Operation: Oil - Transfer case, replace (28-1030)
 Road test, perform (00-9151)
 Engine compartment panel, bottom – front & rear part, R&R (61-1070)
 Engine compartment panel, bottom – rear part, R&R (61-1072)
 Transfer case, R&R (28-2010)
 Transfer case – (removed), exchange (28-2180)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
1 st Repair attempt: 28258 H4	28 1030	1.2hrs	T4, T5, T8
		1.3hrs	U4, U7
		1.4hrs	M6, M7, P6, P7, P8, P9, QA, Q8
	28 1030	1.2 hrs	T4, T5, T8
		1.3 hrs	U4, U7
		1.4 hrs	M6, M7, P6, P7, P8, P9, QA, Q8
	00 9151	0.3 hrs	M6, M7, P6, P7, P8, P9, QA, Q8, T4, T5, T8, U4, U7
2 nd Repair attempt: If necessary R&R transfer case	61 1072	0.2 hrs	M6, M7, T4, T5, T8, U4, U7
	61 1070	0.3 hrs	P6, P7, P8, P9, QA, Q8
	28 2010	2.8 hrs	P6, P7, P8, P9, QA, Q8,
		3.1 hrs	M6, M7, T4, U4
		3.2 hrs	T5, T8, U7
	28 2180	0.1 hrs	M6, M7, P6, P7, P8, P9, QA, Q8, T4, T5, T8, U4, U7