



DTB

Date: September 17, 2008
 Order No.: P-B-83.55/101a
 Supersedes: P-B-83.55/101 dated May 14, 2007
 Group: 83

Revision History

Revision	Date	Purpose
a	9/17/08	Warranty Information Updated
-	5/14/07	Initial issue

SUBJECT: Model 221.171
Insufficient Cooling / Refrigerant Compressor Start-Up Malfunctioning

If you receive customer reports in the above model vehicles of insufficient / no cooling with the air conditioning on, the refrigerant compressor may be contacting the upper section of the oil pan. This will result in no refrigerant being delivered. To resolve this issue, install shims at all three mounting points of the refrigerant compressor as outlined below:

1. Remove front and center engine compartment paneling. Refer to WIS document AR61.20-P-1105SX.
2. Remove poly V-belt. Refer to WIS document AR13.22-P-1202SX.
3. Remove three mounting bolts from the refrigerant compressor.
4. Install shims at mounting points. Install the mounting bolts and torque to 20 Nm.

i **Note:** Maximum total thickness of shim 2 mm. Do not install more than one shim at each mount point.

5. Install poly V-belt and verify the refrigerant compressor no longer contacts the upper section of the oil pan.
6. Reinstall front and center engine compartment paneling.

Parts Information

Qty.	Part Name	Part Number
3	Shim (2 mm thickness)	N009021 008213
3	Shim (< 2mm thickness)	A168 991 00 25

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: The following allowable labor operations should be used when submitting a warranty claim for this repair. This information has been generated on September 17, 2008. Please refer to Netstar → Star TekInfo → Star Time for the most current labor time allowance.

In Case of Warranty

Operation: A/C compressor, R&R (after test) (83-7351)
In addition to: compressor remove/install (after check) all climate control system vehicles with Active Body Control (ABC) (83-7454)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
83421 53	83 7351	1.6 hrs.	AA
If vehicle has code 487:	83 7454	0.1 hrs.	AA