



**DTB**

Date: November 1, 2007  
Order No.: P-B-42.46/43a  
Supersedes: P-B-42.46/43 dated June 24, 2004  
Group: 42

**Revision History**

Revision	Date	Purpose
a	11/1/07	Applicable Models Updated to Include 230
-	6/24/04	Initial issue

**SUBJECT: Model 211.026/065/070/076/082/083/265/282/283, MY 03 through 05  
Model 230.471/472/474/475/476/477/479  
Squeaking Noise When Gently Applying Brake**

If you receive customer reports in the above model vehicles of a squeaking noise when gently applying the brake, please perform the following procedure.

1. Using STAR Diagnosis check for fault codes contained within the Sensotronic Brake Control (SBC) unit.



**Note:** If no fault code(s) exist continue with prescribed procedure. If a fault code(s) exists, proceed according to diagnostics and guided tests outlined within STAR Diagnosis.

2. End the STAR Diagnosis session.
3. Remove the STAR Diagnostic OBDII plug from the vehicle's data link connector.
4. Depress the brake pedal a short distance with minimal force at least 20 times.



**Note:** Ensure that the brake pedal is completely released for each of the 20 pedal applications.



**Note:** It is not required to start the engine. Due to the nature of the noise, it may be best heard with the engine, audio, and climate control systems off.

5. The squeaking noise should be audible for approximately 10 times and not audible for approximately 10 times.



**Note:** It may be necessary to have an assistant at the hydraulic unit to identify the noise.

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.

6. If the noise has been clearly identified, perform the air release routine from the following STAR Diagnosis menus: *Control Units* → *Chassis* → *SBC-Sensotronic Brake Control* → *Customer Complaints (without fault codes)*.

**i** **Note:** The automated STAR Diagnosis air release routine takes approximately 10-15 minutes to complete. Do not disrupt the procedure while in progress.

**i** **Note:** The following allowable labor operations should be used when submitting a warranty claim for this repair. This information has been generated on November 1, 2007. 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)  
SBC System – check for air, perform (42-0653)

<b>Damage Code</b>	<b>Operation Number</b>	<b>Time (hrs.)</b>	<b>Model Indicator (s)</b>
43102 36	54 1011	0.3 hrs.	R1, R2, R3, R4, R5, R6, R7, T1, T2, T3, T4, T5, T6, U1, U3, U4
	42 0653	0.3 hrs.	T1, T2, T3, T4, T5, T6, U1, U3, U4
		0.4 hrs.	R1, R2, R3, R4, R5, R6, R7