



DTB

Date: March 15, 2005
Order No.: P-B-42.10/51c
Supersedes: P-B-42.10/51b dated March 1, 2005
Group: 42

Revision: *Warranty Information Updated*

SUBJECT: **Model 171.456, from Vehicle Production 03/2004 up to 08/2004**
Model 203.065/076
Model 209.375/475
Model 209.376/476 up to Vehicle Production 06/2004
Model 211.070, up to Vehicle Production 08/2004
Model 215.375/376/378, up to Vehicle Production 08/2004
Model 220.170/175/176/178, up to Vehicle Production 08/2004
Model 230.475, up to Vehicle Production 08/2004
Front Brake Squealing / Grinding Noise

If you receive customer reports in the above model vehicles of a squealing or grinding noise from the front axle area, even when the brakes are not applied, inspect the front brake discs and pressure retaining springs for contact. If contact exists, replace the brake pad pressure retaining spring(s) with modified parts (Figure 1). Reference the following WIS documents – Model 171 - AR42.10-P-1600VA; Model 203/209 - AR42.10-P-1600PF, Model 211/230 - AR42.10-P-1600R and Model 215/220 - AR42.10-P-0161I.



Warning! For Models 211 and 230, prevent the SBC self test during brake work, without the use of STAR Diagnosis. Reference the following WIS documents: AR42.46-P-0005T and AS42.46-Z-0001-01B.

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.

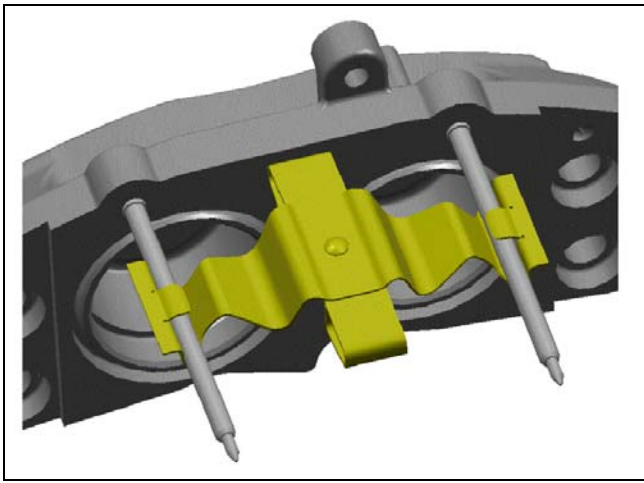


Figure 1 P-B-42.10/51b

i **Note:** Only replace the pressure retaining springs.

i **Note:** The squealing/grinding noise is the result of the pressure retaining spring slipping out of position and scraping on the face of the brake disc. Each time the brakes are applied, the play within the brake caliper guide channel causes the brake pads to move a short distance in the circumferential direction of the brake disc. This movement is then transmitted to the two retaining pins, which consequently rotate a small amount during each brake application. This rotation is then transmitted to the tabs on the pressure retaining spring, which can cause it to dislodge from its original position.

Parts Information

Qty.	Part Name	Part Number
2	Pressure Retaining Spring – 171.456, 211.070, 215.375 (from 9/30/2002), 220.170/175 (from 9/30/2002), 230.475 (from 8/29/2003)	A000 421 96 91
2	Pressure Retaining Spring – 215.375 (up to 9/30/2002), 215.376/378, 220.170/175 (up to 9/30/2002), 220.176/178, 230.475 (up to 8/28/2003)	A000 421 97 91
2	Pressure Retaining Spring – 203.065/076, 209.375/376/475/476	A000 421 98 91 **

****Parts are in a critical supply situation and will be limited, please see the PAC weekly status report on parts availability status and delivery expectations. This report is located on the PAC website.**

i **Note:** The following allowable labor operations should be used when submitting a warranty claim for this repair.

In Case of Warranty

Operation: Pressure retaining spring – (both), replace (02-4818)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
42116 22	02 4818	0.4 hrs.	M1, M2, M4, M8, N1, N2, N4, P3, Q5, S2, S5, S6, T2, X1
		0.5 hrs.	R1

i **Note:** Operation 02-4818 includes all necessary steps for this repair. If this repair is done in conjunction with other brake services, only the parts can be claimed to warranty.