



Mercedes-Benz

**star bulletin**

Date: June 16, 2004  
Order No.: P-B-42.46/27d  
Supersedes: P-B-42.46/27c dated Dec. 12, 2003  
Group: 42

**Revision:**

**SUBJECT: Model 211.026/065/070/076/082/083/265/282/283  
Buzzing Noise During Pressure Buildup from SBC System**

If you receive customer reports in the above model vehicles experiencing a buzzing noise during pressure buildup system, please perform the following procedure.

1. Using SDS deactivate SBC.

**⚠ Caution!** Only properly trained personnel should perform this work. Refer to [SI42.46-P-0001D](#).

2. Install and tighten the hose clamp, part number 000 589 40 37 00, on the suction line approximately 15 cm (6 in) SBC hydraulic unit to minimize the loss of brake fluid (Figure 1).

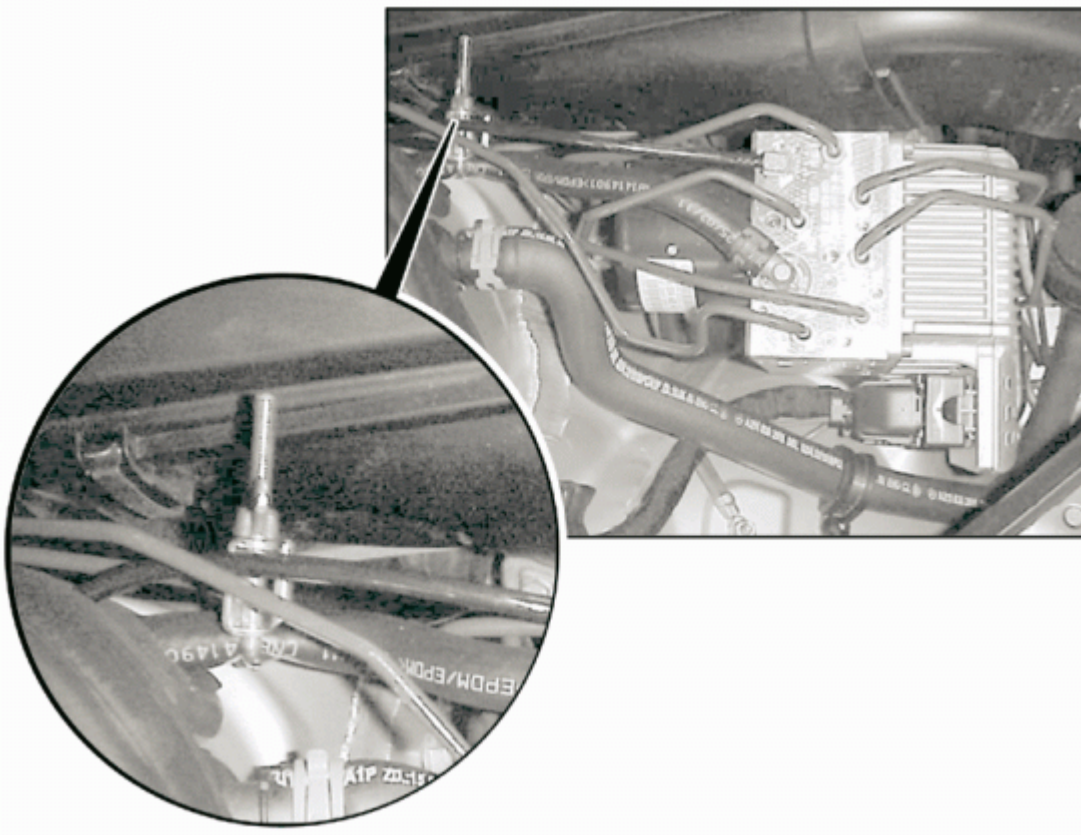


Figure 1

3. Loosen hose clamp for the suction line at the SBC hydraulic unit and remove hose.
4. Cut off approximately 6.5 cm (2.5 inches) from the end of the suction line. This piece will be reused.
  - i Note:**The orientation of this formed line.
  - i Note:**The cut end must be clean and straight with no rubber residue or textile cords protruding or remaining in otherwise leaks may occur.
5. Cut off approximately 3 cm (1 3/16 inches) from the end of the hose still attached to the brake system and disc:
  - i Note:** The cut end must be clean and straight with no rubber residue or textile cords protruding or remaining in otherwise leaks may occur.
6. Install the pulsation damper between the two hose ends and install the hose clamps. The direction of flow through damper is not relevant.
  - i Note:**The orientation of the suction line on the SBC hydraulic unit is important to avoid rubbing or noise complaints duplicate the original position noted in step 4.
7. Wrap the pulsation damper and the hose clamps with the adhesive backed felt.
  - i Note:** The felt is necessary to minimize rubbing and noise as it may vibrate against other parts.
8. Before attaching the suction hose to the SBC hydraulic unit, hold the suction hose in a vertical position and fill v using a small funnel or syringe.
9. After filling, plug the end of the suction hose with finger, and attach the hose to the SBC hydraulic unit without s and the secure with hose clamp (Figure 3)
  - i Note:**The suction line must be installed tension free and must not contact the brake lines or the return line to noise complaints.
10. Remove the hose clamp installed in step 2.
11. Check for leaks at the hose connections.
  - i Note:**Even the smallest drops of brake fluid are an indication of leakage! Check suction line and connections after the system has been under the maximum filling pressure (2.5 – 3.0 bar) from the filling device for 5
12. Bleed the SBC system using SDS.
  - i Note:**The SDS must be software version 10/2002 or newer.

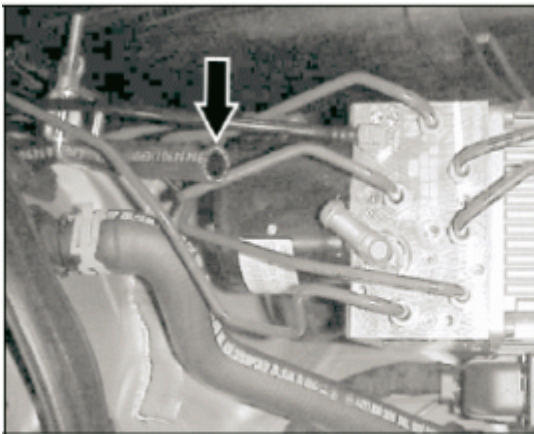


Figure 2

P-B-42.46/27

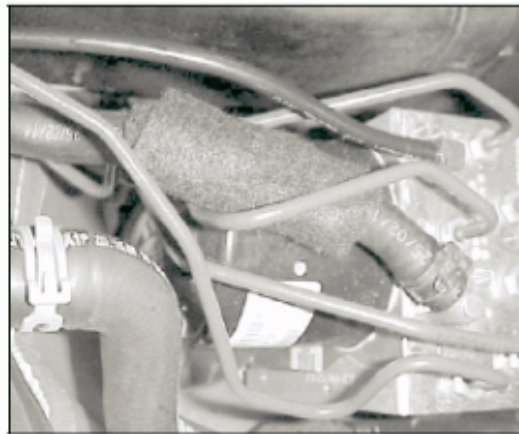


Figure 3

P-B-42.46/27

#### Parts Information

Qty.	Part Name	Part Number/E:
1	Felt Tape (1 meter, enough for 5-8 vehicles)	A001 983 23 10
1	Pulsation Damper	A000 431 04 77
3	Clamp	A203 995 00 05

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

#### In Case of Warranty

<b>Operation:</b> Pulsation damper suction hose (SBC), install (02-3818)			
<b>Damage Code</b>	<b>Operation Number</b>	<b>Labor Time (hrs.)</b>	<b>Model Indicator(s)</b>
43102 36	02 3818	1.9 hrs	T1, T2, T3, T4, T5, T6, U0