

## Leakage at press-fit sleeve of ABC pulsation damper

Topic number	LI32.50-P-051124
Version	2
Design group	32.50 Active body control (ABC)
Date	12-14-2011
Validity	Model 215 with M275 Model 220 with M275 and SA code 487 (ABC suspension)
Reason for change	Operation step 6 added
Reason for block	

### Complaint:

Pulsation damper (EPC: "Line, pump to connecting point") may start to leak in the area of the press-fit sleeve at the 180° bend (see attachment "1.jpg", item 4).

### Cause:

The damage may be triggered by high energy input (heat entering the system) and installation under stress (tension in the line).

### Remedy:

#### Note:

When installing lines, always observe the following:

--> The branch line must be routed absolutely free of stress in the unpressurized state! <--

- See also WIS reference AH32.50-P-0001-02A!

#### Procedure:

1. Before installing, loosen the clamp (see "1.jpg", item 4) in the 180° bend of the branch line so that it can be positioned correctly.
2. Position the line by starting the threaded connections (see "1.jpg", items 1, 3, 4, 5).
3. Tighten the threaded connections in the following sequence: Items 3, 1, 5.

Do not tighten the clamp in the 180° bend (item 4) yet!

#### Note:

Make sure that the lines are not stressed when tightening the connections. - In other words, no tension in the hose sections, no twisting of the hoses!

4. To help position the line, start the engine BEFORE tightening the bolt (item 4) in order to ensure that it is free of stress.

5. Switch off engine.

6. Slide pipe bend towards mounting clamp.

7. Tighten clamp in pipe bend (Pos. 4).

Attachments	
File	Designation
2.jpg	Clamp in 180° pipe bend

Symptoms
Suspension System Function / Chassis/suspension / Indicator lamp is on / Suspension/Dampening /
Suspension System Function / Chassis/suspension / Oil loss / Suspension/Dampening /
ABC display / Chassis/suspension / Active body control / ABC - Service Required / Suspension/Dampening /
ABC leaks / Oil leaks / Chassis/suspension / Active body control / Suspension/Dampening /

Parts
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Attachments	
File	Designation
1.jpg	Pulsation damper (EPC: "line, pump to connecting point") with item numbers

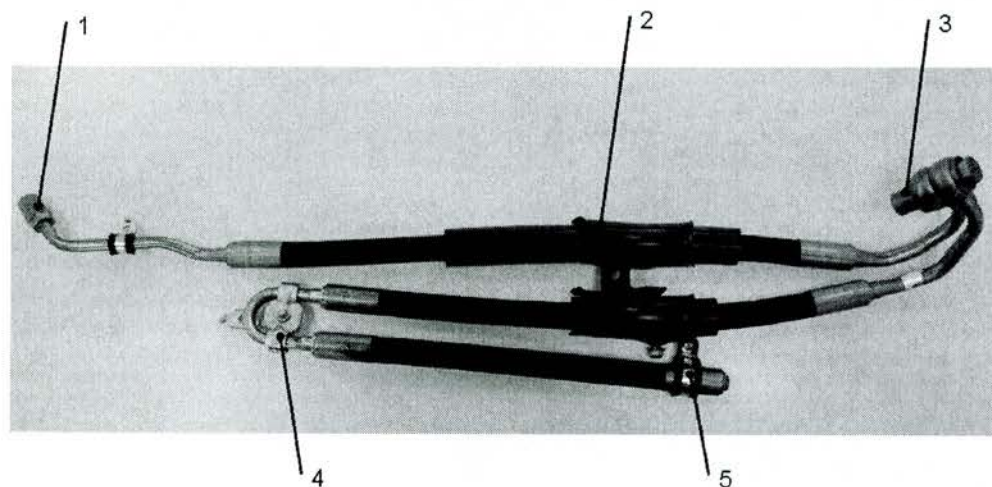
WIS-References			
Document number	Title	Note	Allocation
AH32.50-P-0001-02A	Notes on installation of hydraulic lines	Other applicable documents	Remedy
AR32.50-P-0013M	Remove/install pulsation damper	See reference for torque specifications	Remedy

Validity		
Vehicle	Engine	Transmission
215.376	*	*
215.379	*	*
220.176	*	*
220.179	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
215.376	275.950	722.649
215.379	275.980	722.649
220.176	275.950	722.649
220.179	275.980	722.649

Attachments
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1.jpg:



2.jpg:

