

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

Topic number	LI32.50-P-051124
Version	3
Design group	32.50 Active body control (ABC)
Date	10-29-2013
Validity	Model 215 with M275 Model 220 with M275 and SA code 487 (ABC suspension)
Reason for change	Important information for unstressed installation of the line
Reason for block	

### Complaint:

Pulsation damper (EPC: "Line, pump to connecting point") may start to leak in the area of the press-fit sleeves at the 180° bend (see marking in attached image "1.jpg").

### Cause:

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

### Remedy:

Replace pulsation damper.

For removal/installation, WIS reference AH32.50-P-0001-02A must be observed.

### Important notes on assembly:

The pulsation damper must be routed absolutely free of stress in the unpressurized state!

The following points must be observed:

- Before installation, check the distance from the bracket (8a) to the 180° bend; this must not exceed 20 mm. If necessary, slacken the bolt and correct (see attached image "2.jpg")
- When attaching the pulsation damper (8) and the high-pressure expansion hose (13) to the tandem pump, it must be ensured that the two lines are positioned without stress. To prevent the lines from twisting together, carefully push a plastic wedge between the lines when tightening the banjo bolt (12). (See attached image "3.jpg")

Attachments	
File	Designation
2.jpg	Distance of bracket 8a
3.jpg	Distance between lines of high-pressure expansion hose and pulsation damper

### Symptoms

Chassis/suspension / Suspension/Dampening / Suspension System Function / Indicator lamp is on

Chassis/suspension / Suspension/Dampening / Suspension System Function / Oil loss

Chassis/suspension / Suspension/Dampening / Active body control / ABC display / ABC - Service Required

Chassis/suspension / Suspension/Dampening / Active body control / ABC leaks / Oil leaks

## Parts

## Attachments

File	Designation
1.jpg	Assembly of high-pressure expansion hose and pulsation damper

## 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

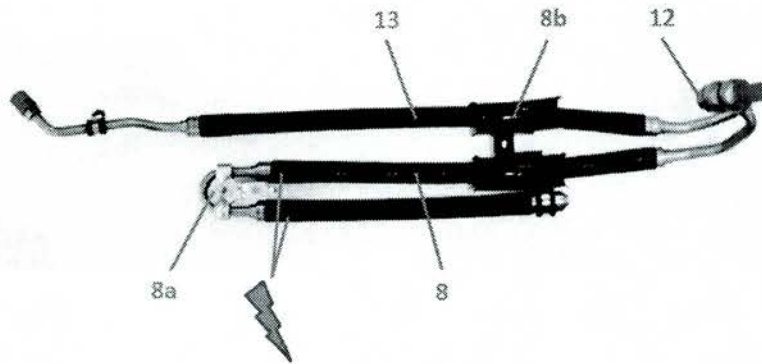
Vehicle	Engine	Transmission
215.376	*	*
215.379	*	*
220.176	*	*
220.179	*	*

## Full model designation breakdown

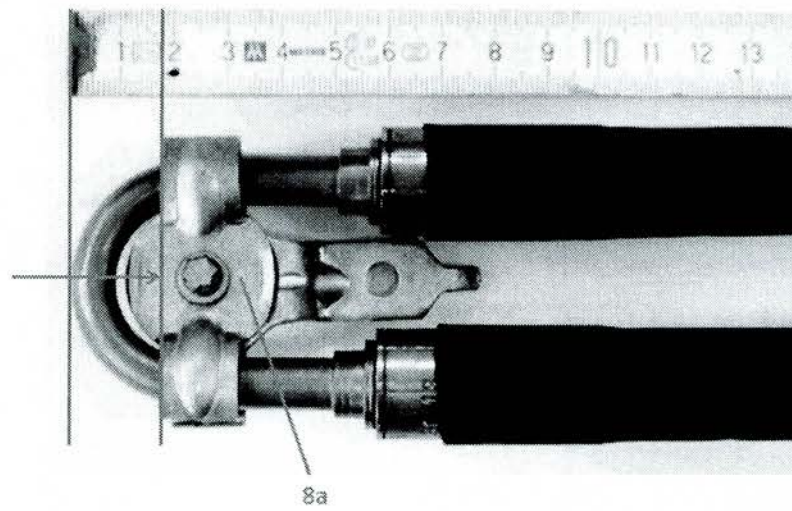
Vehicle	Engine	Transmission
215.376	275.950	722.649
215.379	275.980	722.649
220.176	275.950	722.649
220.179	275.980	722.649

## Attachments

1.jpg:



2.jpg:





3.jpg:

