

Leakage at press-fit sleeve of ABC pulsation damper

Topic number	LI32.50-P-051124
Version	4
Design group	32.50 Active body control (ABC)
Date	07-24-2014
Validity	Model 215 with M275 Model 220 with M275 and SA code 487 (ABC suspension)
Reason for change	Operation item and damage code inserted
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 leak 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	Description
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

Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other ma- ke part
A 220 320 57 72			EXPANSION HOSE - PUMP TO CONNECTING POINT	1	Without protective hose near bracket	X	

Attachments

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

Work units

Op. no.	Operation text	Time	Damage code	Note
32-7556	REMOVE/INSTALL PULSATION DAM- PER (BRANCH LINE) FOR ACTIVE BODY CONTROL (ABC), REPLACE IF NECESSARY	43 AW	32492 07	

WIS-References

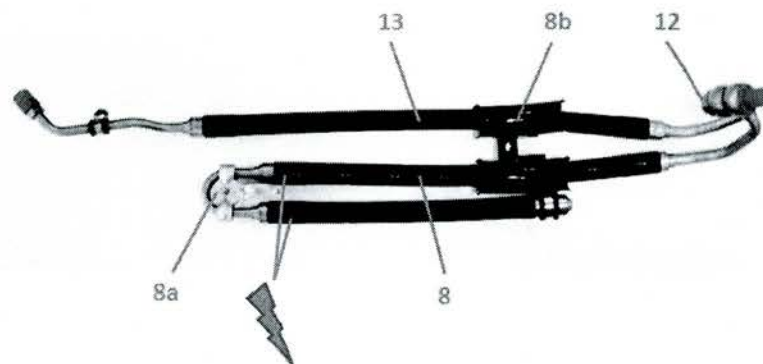
Document number	Title	Note	Allocation
AH32.50-P-0001-02A	Notes on installation of hy- draulic lines	Other applicable documents	Remedy
AR32.50-P-0013M	Remove/install pulsation damper	See reference for torque specifications	Remedy

Validity

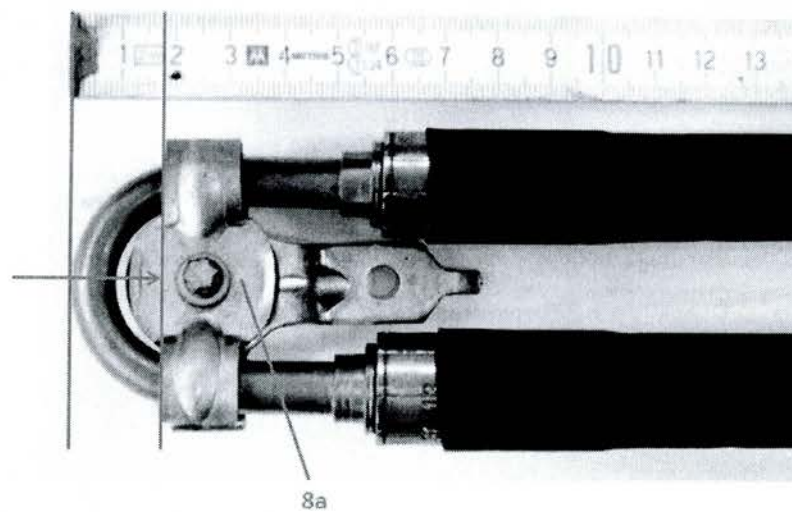
Vehicle	Engine	Transmission
215.376	*	*
215.379	*	*
220.176	*	*
220.179	*	*

Attachments

1.jpg:



2.jpg:



3.jpg:

