

Noise Symptom - Rear Shock Absorber Rattling: Replacing Rubber Stops (SY 142/20)

Model Line: **Macan (95B)**

Model Year: **As of 2019**

Equipment: **4 corner air suspension with electrically regulated damping (I-no. 1BK)**

Subject: **Shock absorber**

Symptom: Rattling noises can be heard from the rear axle area when driving on uneven surfaces, e.g. pot holes, bumps, etc.

Cause: The noise is caused by the additional springs with dust boot that can slip out of the shock absorber mounting when driving on roads with uneven surfaces.

Remedial Action: In the event of a customer complaint, replace the rubber stop, see
 ⇒ *Workshop Manual '429319 Removing and installing rear shock absorber'*
 ⇒ *Workshop Manual '429337 Disassembling and assembling rear shock absorber'*

Parts required for one shock absorber

Parts Info:	Part No.	Designation	Qty.
		- Use	
	95B512131G	⇒ Rubber stop for air spring - Vibration damper	1 ea.
	N 10500802	⇒ Hex flange bolt, self-locking - Vibration damper	1 ea.
	N 91066101	⇒ Hexagon-head bolt (combination) - Shock absorber mounting	2 ea.

Invoicing

Invoicing: For documentation and warranty invoicing, enter the labor operations, PQIS coding and part numbers specified below in the warranty claim:

APOS	Labor operation	I No.
42931951	Removing and installing rear shock absorber (left)	
42931952	Removing and installing rear shock absorber (right)	

APOS	Labor operation	I No.
42931950	Removing and installing rear shock absorbers (both)	
43661951	Removing and installing rear spring damper (left)	
43661952	Removing and installing rear spring damper (right)	
43661950	Removing and installing rear spring dampers (both)	

PQIS coding:

Location (FES5)	4000Z	Chassis
Damage type (SA4)	2014	Rattling

Parts Info:	Part No.	Designation	Qty.
		- Use	
	95B512131G	Rubber stop for air spring	1 ea.
		- Vibration damper	
	N 10500802	Hex flange bolt, self-locking	1 ea.
		- Vibration damper	
	N 91066101	Hexagon-head bolt (combination)	2 ea.
		- Shock absorber mounting	

References: ⇒ *Workshop Manual '429319 Removing and installing rear shock absorber'*
 ⇒ *Workshop Manual '429337 Disassembling and assembling rear shock absorber'*

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