

## Vehicle drops at front axle on one or both sides.

Topic number	LI32.22-P-058343
Version	1
Design group	32.22 Air suspension
Date	02-25-2014
Validity	MODEL 222 with AIRMATIC (code 489)
Reason for change	

**Complaint:**

The vehicle drops at the front axle on one or both sides by more than 2 cm overnight.

**Cause:**

Leakage in area of cover on top of air suspension strut.

Attachments	
File	Designation
1.jpg	Figure 1

**Remedy:**

Check suspension strut for leaks in area of strut cover using leak detector spray or soapy water. (Figure 1)

If leaking, replace air suspension strut.

Symptoms
Chassis/suspension / Suspension/Dampening / Suspension System Function / Vehicle level too low
Chassis/suspension / Suspension characteristic / Lopsided/crooked
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC leaks / Air leakage
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC display / Air Suspension- Stop, Vehicle Too Low
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Vehicle is lopsided
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Vehicle is too low

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 222 320 49 13			Left air suspension strut	1	As required	X	
A 222 320 50 13			Right air suspension strut	1	As required	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
32-8562	REPLACE LEFT FRONT SUSPENSION STRUT FOR AIR SUSPENSION (AIR-MATIC)		32F0A 04	As required
32-8562	REPLACE RIGHT FRONT SUSPENSION STRUT FOR AIR SUSPENSION (AIRMATIC)		32U0A 04	As required
32-8070	REPLACE FRONT SUSPENSION STRUTS (BOTH) FOR AIR SUSPENSION (AIRMATIC)		32505 04	As required

WIS-References			
Document number	Title	Note	Allocation
AR32.25-P-1017LFB	Remove/install front suspension strut		Cause