

Vehicle drops at front axle on one or both sides.

Topic number	LI32.22-P-058343
Version	2
Design group	32.22 Air suspension
Date	03-17-2014
Validity	MODEL 222 with AIRMATIC (code 489)
Reason for change	Part numbers updated.
Reason for block	

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 4MATIC vehicles	X	
A 222 320 50 13			Right air suspension strut	1	As required 4MATIC vehicles	X	
A 222 320 47 13			Left air suspension strut	1	As required not for 4MATIC vehicles	X	

A 222 320 48 13			Right air suspension strut	1	As required not for 4MATIC vehicles	X	
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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

Validity

Vehicle	Engine	Transmission
S (222)	*	*

Full model designation breakdown

Vehicle	Engine	Transmission
222.004	651.921	724.208
222.032	642.861	722.903
222.032	642.861	725.011
222.033	642.867	722.966
222.057	276.960	724.206
222.057	276.960	725.011
222.077	157.985	722.931
222.082	278.929	722.909
222.082	278.929	725.011
222.085	278.929	722.967
222.085	278.929	725.041
222.104	651.921	724.208
222.123	642.861	722.903
222.123	642.861	725.011
222.132	642.861	722.903

222.132	642.861	725.011
222.133	642.867	722.966
222.157	276.960	724.206
222.157	276.960	725.011
222.162	276.824	722.904
222.162	276.824	725.011
222.165	276.824	722.904
222.165	276.824	725.011
222.176	277.980	722.932
222.177	157.985	722.931
222.178	157.985	722.971
222.179	279.980	722.932
222.182	278.929	722.909
222.182	278.929	725.011
222.185	278.929	722.967
222.185	278.929	725.041