

SB-10050862-8475
Service Campaign Bulletin

Campaign No. 2012110001, December 2012

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model 166, Model Year 2012**
Check Front Air Suspension Struts, Replace if Necessary

This Service Campaign has been initiated because Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that hissing noises at the front axle may be caused by leakage at the air suspension strut in the subject vehicles and may lead to customer complaints. Dealers will check a production date on the struts and if necessary replace one or both front struts at the next workshop visit.

Prior to performing this Service Campaign:

- Please check VMI to determine if the vehicle is involved in the Campaign and if it has been previously repaired.
- Please review the entire Service Campaign bulletin and follow the repair procedure exactly as described.

Please note that Recall and Service Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately 11 vehicles are affected.

Order No. T-SC- 2012110001

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

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Procedure**Note:**

Use DAS/Xentry 09/12 or higher.

A. Check Production Number on Strut

1. Raise vehicle with vehicle lift until wheels are off the ground.
2. Remove front wheels.
3. Detach covers at suspension strut towers.
4. Detach and close off pressure lines (A, Figure 1) at suspension struts.

Note:

Pressure line (A) must be detached to prevent damage to line.

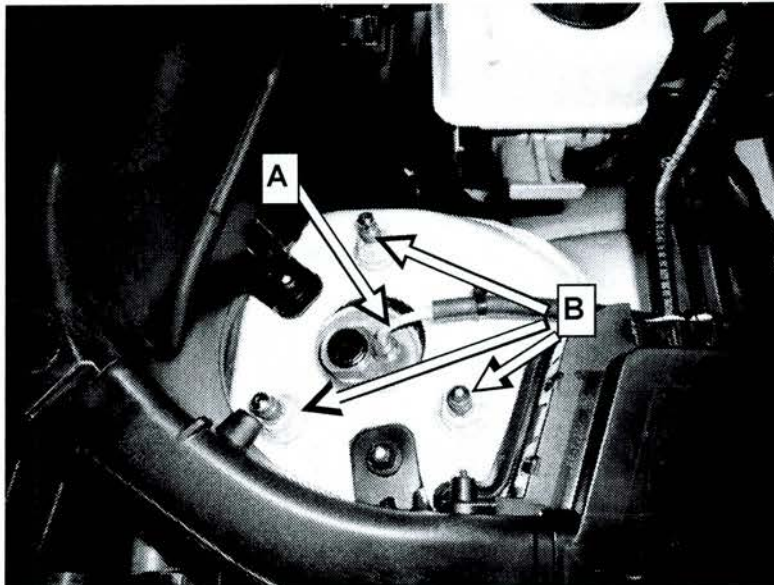


Figure 1

5. Unscrew nuts (B, Figure 1) at suspension struts at top.
6. Lift vehicle.
7. Have a second person press down suspension struts.

8. Read off production number on adhesive label of suspension strut (LH+RH) using endoscope (Figure 2).

Note: The adhesive label is located on the back side of the suspension.

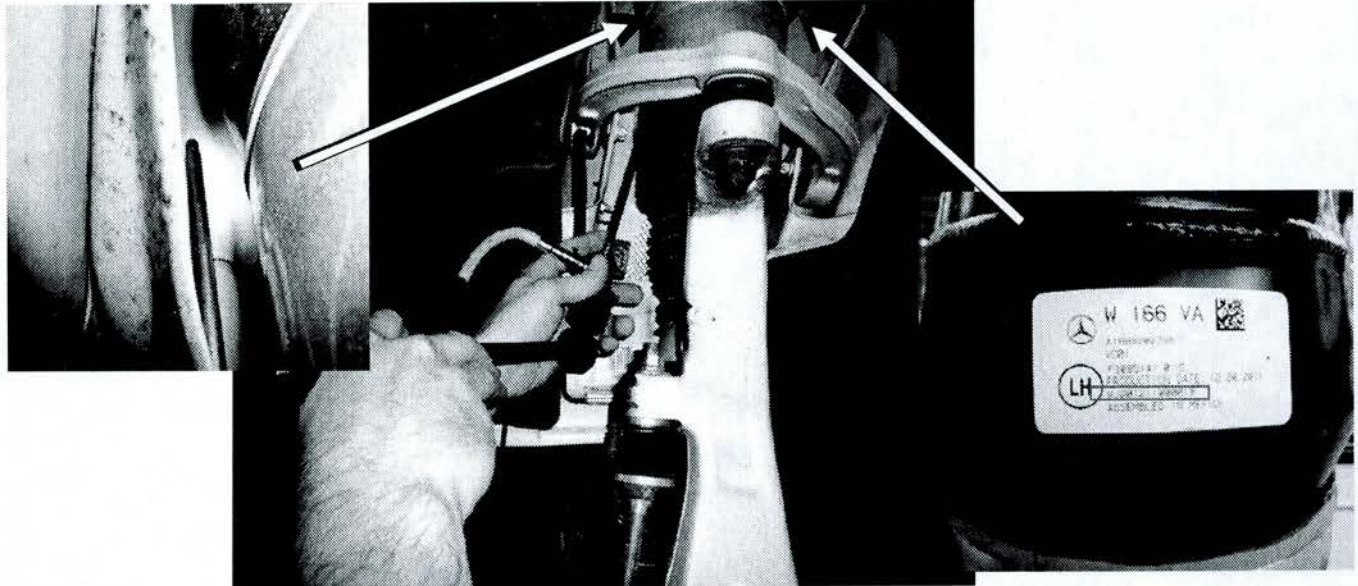


Figure 2

Note: Design of production number

e.g. W J 201211 000019

W - code letter

J - code letter

ddmmyy - production date

xxxxxx - serial number

9. Compare part number and production number with included list.

- If production number is **not** included in the list: **Procedure is complete**

Note:

- Assemble in reverse order, install new locking nuts (B, Figure 1) then torque nuts (B) to 60 Nm.
- Connect Star Diagnosis.
- **Be sure to pressurize both front air suspension struts using SDS prior to lowering vehicle back on wheels and check for leaks.**
- If production number **is** included in the list: **Proceed to subject B.**

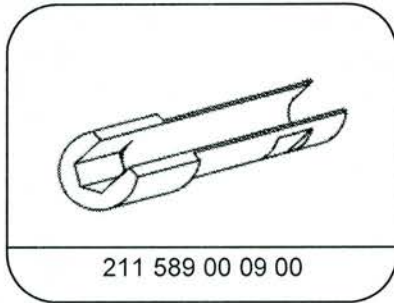
B. Replace suspension strut, refer to WIS: AR32.25-P-1017GQ.

Note

For referenced WIS document AR32.22-P-8100GZ: Perform only steps 1-3.

1. Assemble in reverse order.

Special Tools



Socket wrench bit

List of affected suspension struts

A 166 320 27 38		A 166 320 28 38	
WJ07011200068	WJ201211000027	WK070112000062	WK161111000015
WJ07011200069	WJ201211000029	WK070112000063	WK161111000016
WJ07011200070	WJ201211000031	WK070112000064	WK201211000017
WJ07011200071	WJ201211000032	WK070112000065	WK201211000018
WJ07011200072	WJ201211000033	WK070112000066	WK201211000019
WJ07011200073	WJ201211000036	WK070112000067	WK201211000021
WJ07011200074	WJ201211000037	WK070112000068	WK201211000022
WJ07011200075	WJ201211000038	WK070112000069	WK201211000023
WJ07011200076	WJ201211000039	WK070112000070	WK201211000024
WJ07011200077	WJ201211000040	WK070112000071	WK201211000025
WJ07011200078	WJ201211000041	WK070112000072	WK201211000026
WJ07011200079	WJ201211000042	WK070112000073	WK201211000027
WJ07011200080	WJ201211000043	WK070112000074	WK201211000028
WJ07011200081	WJ201211000044	WK070112000075	WK201211000029
WJ07011200082	WJ201211000046	WK070112000076	WK201211000030
WJ07011200083	WJ201211000047	WK070112000077	WK201211000031
WJ07011200084	WJ201211000048	WK070112000078	WK201211000032
WJ07011200085	WJ201211000049	WK070112000079	WK201211000033
WJ07011200086	WJ201211000050	WK070112000080	WK201211000034
WJ07011200087	WJ201211000051	WK070112000081	WK201211000035
WJ07011200088	WJ201211000052	WK070112000082	WK201211000036
WJ070412001286	WJ201211000053	WK070112000083	WK201211000037
WJ070412001306	WJ201211000054	WK070112000084	WK201211000038
WJ070412001307	WJ201211000055	WK070112000085	WK201211000039
WJ070412001309	WJ201211000056	WK070112000086	WK201211000040
WJ090112000089	WJ201211000057	WK070112000087	WK201211000041
WJ090112000090	WJ201211000058	WK070112000088	WK201211000042
WJ161111000001	WJ201211000059	WK070112000089	WK201211000043
WJ161111000002	WJ201211000060	WK070112000090	WK201211000044
WJ161111000003	WJ201211000061	WK070112000091	WK201211000045
WJ161111000004	WJ201211000062	WK070112000092	WK201211000046
WJ161111000005	WJ201211000063	WK070112000093	WK201211000048
WJ161111000006	WJ201211000064	WK070112000094	WK201211000049
WJ161111000007	WJ201211000065	WK070112000095	WK201211000050
WJ161111000008	WJ201211000067	WK070112000096	WK201211000051
WJ161111000009		WK070112000097	WK201211000052
WJ161111000010		WK070112000098	WK201211000053
WJ161111000011		WK070112000099	WK201211000054
WJ161111000012		WK160412001355	WK201211000055
WJ161111000013		WK161111000001	WK201211000056
WJ161111000014		WK161111000002	WK201211000057
WJ161111000015		WK161111000003	WK201211000058
WJ180112000204		WK161111000004	WK201211000059
WJ201211000016		WK161111000005	WK201211000060
WJ201211000017		WK161111000006	WK201211000061
WJ201211000018		WK161111000007	
WJ201211000019		WK161111000008	
WJ201211000020		WK161111000009	
WJ201211000021		WK161111000010	
WJ201211000022		WK161111000011	
WJ201211000023		WK161111000012	
WJ201211000024		WK161111000013	
WJ201211000025		WK161111000014	

Note (regarding WIS documents referenced in this Procedure):

Replacement of parts not listed in the parts table of this Procedure are not claimable under this campaign. If replacement of additional part(s) is necessary, check coverage prior to submitting under warranty.

Primary Parts Information

Qty.	Part Name	Part Number
6	Nut to suspension strut	A 004 990 73 50
1	Right suspension strut	A 166 320 28 38
1	Left suspension strut	A 166 320 27 38
2	Nut, spring strut to wishbone	N 000000 007498
2	Bi-hex nut, tie rod to steering knuckle	A 002 990 45 54
2	Bi-hex nut, Transverse control arm to steering knuckle	

Note:

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is/are approved for use to repair the vehicle. Repairs performed using any other part(s) will not have been performed in accordance with the campaign. Accordingly, warranty claims submitted with reference to an improper part number(s) will be denied.
- The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information**Repair 1**

Operation: Check suspension struts of front axle (02-7783)

Damage Code	Operation Number	Model Indicator(s)
32 902 32 8	02-7783	4A

Repair 2

Operation: Check suspension struts of front axle (02-7783)
Replace front suspension strut (1) for air suspension (AIRMATIC) (02-7784)

Damage Code	Operation Number	Model Indicator(s)
32 902 32 7	02-7783	4A
	02-7784	

Repair 3

Operation: Check suspension struts of front axle (02-7783)
Replace front suspension struts (both) for air suspension (AIRMATIC) (02-7785)

Damage Code	Operation Number	Model Indicator(s)
32 902 32 7	02-7783	4A
	02-7785	

Note

Operation code times are subject to change. Please refer to StarTime for current labor times