



Mercedes-Benz

Work instructions

Group 42
CODE: NC3HYDROAG

SM42.45-D-0006BM
21.03.2017

Replace Electronic Stability Program (ESP(R)) hydraulic unit (code: NC3HYDROAG, acc. no. 4296066)

Model **906.### #P as of 972758 up to 975026**
 with code XA4 (Weight variant 4,600 kg)

Model **906.### #P as of 972758 up to 975026**
 with code XL8 (Higher weight 3.880 kg)

SM42.45-D-0006BM	Replace Electronic Stability Program (ESP(R)) hydraulic unit (code: NC3HYDROAG, acc. no. 4296066)	16.03.2017
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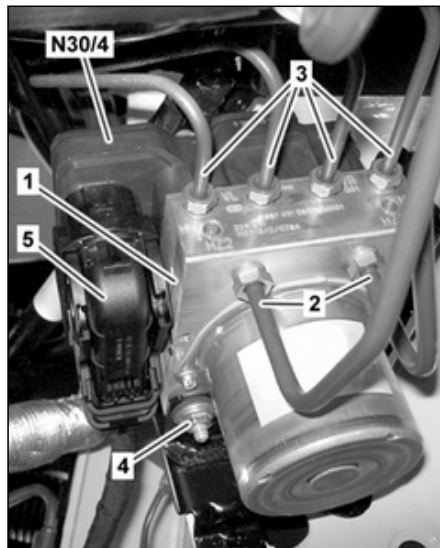
Model 906.### #P as of 972758 up to 975026
with code XA4 (Weight variant 4,600 kg)

Model 906.### #P as of 972758 up to 975026
with code XL8 (Higher weight 3.880 kg)

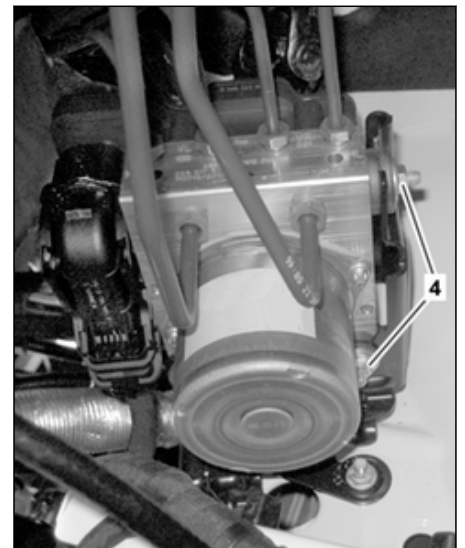
Operation no. of the operation texts or standard texts and flat rates

Category	Op. no.	Operation text	Time	Acc. no.	Code
L	02 9794	Operations: Replace hydraulic unit for Electronic Stability Program (ESP®)	---	4296066	NC3HYDROAG

- 1 Hydraulic unit
- 2 Hydraulic lines
- 3 Hydraulic lines
- 4 Nuts
- 5 Electrical connector
- N30/4 Electronic Stability Program (ESP®) control unit



D42.45-0031-02



D42.45-0032-02

Caution	Risk of poisoning from swallowing brake fluid. Risk of injury from skin and eye contact with brake fluid	Only pour brake fluid into suitable and appropriately marked containers. Wear protective clothing and eye protection when handling brake fluid.	AS42.50-Z-0001-01A
Topical note	Brake fluid notes		AH42.50-P-0001-01A
Topical note	Notes on repairs to brake system		AH42.00-P-0003-01A

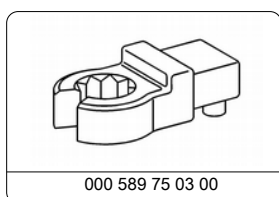
	Check		
1	Check whether vehicle is affected by measure	For authorized Mercedes-Benz service partners, only the entry in the "Extended VEGA Application" (EVA) system, in the "Current" tab is decisive. An additional test of the affected vehicles in the workshop information system (WIS) or vehicle list is thereby not necessary.	
	Remove/install		
2	Remove hydraulic lines (2) from master brake cylinder to hydraulic unit (1)	Seal hydraulic lines (2) as well as connections on master brake cylinder and hydraulic unit (1). Threaded connection for brake lines at hydraulic unit Box wrench bit Record plug	BA42.30-N-1003-03A 000 589 75 03 00 129 589 00 91 00
3	Detach hydraulic lines (3) from hydraulic unit (1)	Seal hydraulic lines (3) and connections on hydraulic unit (1). Box wrench bit Record plug	000 589 75 03 00 129 589 00 91 00
4	Disconnect electrical connector (5) from Electronic Stability Program (ESP®) control unit (N30/4)	Do not touch, deform or damage contacts on electrical connector (5) and jack on Electronic Stability Program (ESP®) control unit (N30/4). Do not allow any foreign objects, dirt or fluids to enter the jack or the electrical connection (5). Otherwise, the Electronic Stability Program (ESP®) control unit (N30/4) will be damaged resulting in malfunctions.	
5	Unscrew nuts (4)	Screw/bolt/nut, hydraulic unit to bracket	BA42.30-N-1001-03A
6	Remove hydraulic unit (1)	Installation: Replace hydraulic unit (1).	
7	Install in the reverse order		
8	Commission Electronic Stability Program (ESP®) control unit (N30/4) using SCN coding		AR54.21-D-0015X
9	Bleed brake system with diagnostic system		AR42.10-D-0012A

Nm Hydraulic unit

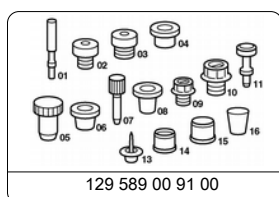
Number	Designation	M6	Nm	Model 906
BA42.30-N-1001-03A	Screw/bolt/nut, hydraulic unit to bracket			8

Nm Hydraulic unit

Number	Designation	M10×1	Nm	Model 906
BA42.30-N-1003-03A	Threaded connection for brake lines at hydraulic unit	M10×1		–
		M12×1	Nm	14



Box wrench bit



Record plug

Parts ordering note

Part no.	Designation	Quantity
A 906 900 56 02	Hydraulic unit (with code XL8 (Weight variant 3,880 kg))	1
A 906 900 22 04	Hydraulic unit (with code XA4 (Weight variant 4,600 kg))	1

