

FENDT

Werkstatthandbuch

Workshopmanual

Manuel d'atelier

Manual de taller

Manuale per l'officina

Werkplaatshandboek

FENDT 900 Vario COM III

X 990.005.057.012

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FENDT

A	General
B	Faults
C	Documents and Diagrams
D	Component location
E	Testing
F	Setting and Calibration
G	Repair
H	Service – Info

2210

Engine/crankcase

FENDT 900 Vario - COM III

Volume 1

0000	Overall system/tractor
1005	Overall system/transmission
1010	Transmission/differential
1015	Transmission/axle drive
1050	Transmission/housing
1070	Transmission / Brake system
1080	Transmission/drive train
1200	Transmission/front PTO
1220	Transmission / Live PTO
1320	Transmission/front wheel drive
2000	Overall system/engine
2010	Engine/cylinder head
2050	Engine/cooling
2060	Engine/fuel system
2210	Engine/crankcase
2312	Engine/lubrication
2400	Engine/exhaust system
2712	Engine/injectors
3000	Overall system/front axle
3120	Front axle/steering cylinder
3180	Front axle/cardan shaft

Volume 2

4000	Overall system/steering
4090	Steering system / hydraulic steering unit
5030	Vehicle layout/operator's seat
5500	Overall system/air conditioning system
8100	Overall system/cab
8610	Power lift/EPC electro-hydraulic control
8631	Power lift/hydraulic lift
8800	Overall system/compressed air system

Volume 3

9000	Overall system/electrical system
9015	Electrical system/starter lockout

FENDT 900 Vario - COM III

Volume 4

- 9410** Hydraulic pump installation/LS pump
- 9430** Hydraulic pump installation/steering pump
- 9534** Hydraulic piping/"Rüfa"reverse operation
- 9600** Overall system/hydraulic equipment
- 9605** Hydraulic equipment/hydraulic connections
- 9610** Hydraulic equipment/central control block (ZSB)
- 9620** Hydraulic equipment/valve fitting
- 9700** Overall system/electronics
- 9920** Service/special tools
- 9975** Service/SERDIA - Deutz engine diagnostics program

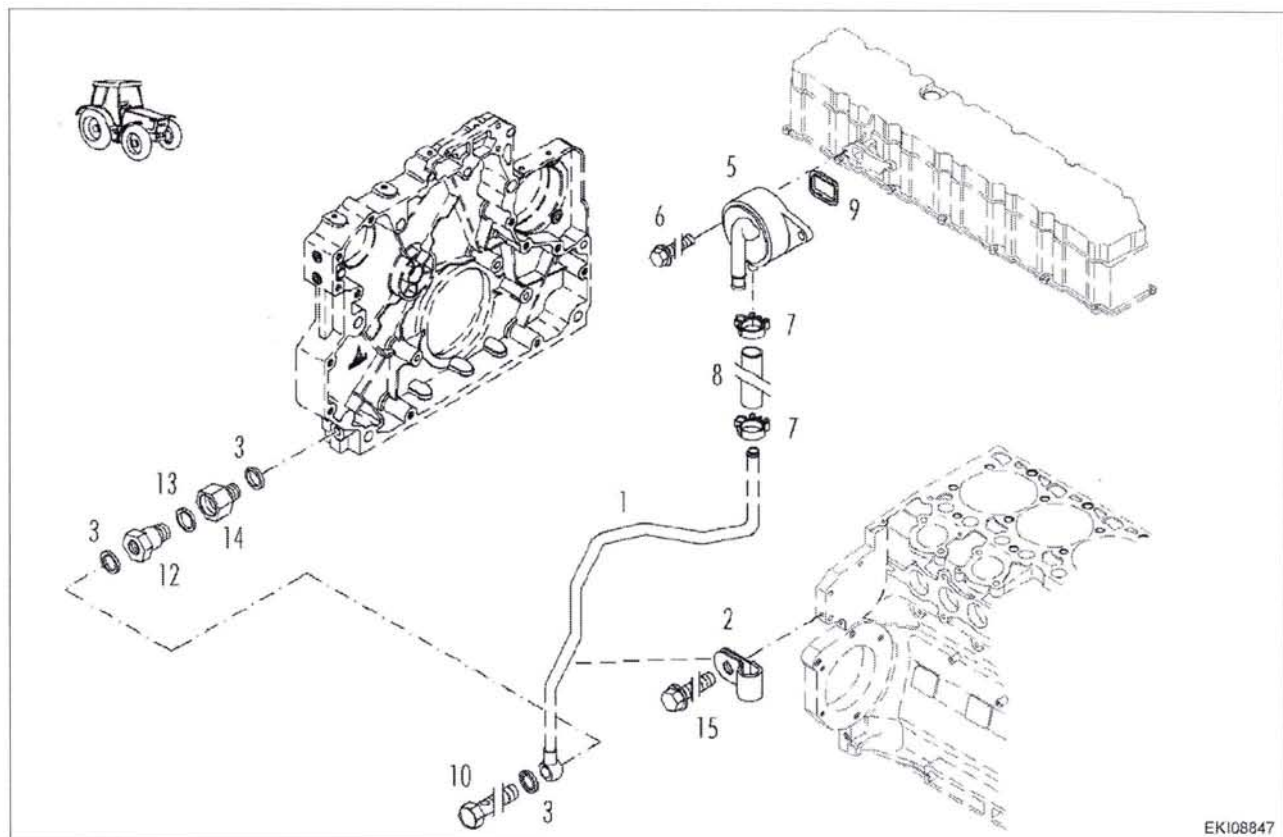
2210 Engine/crankcase

G **Repair.5**

G Repair

1 Crankcase air bleed: Deutz TCD 2013 7

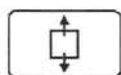
1 Crankcase air bleed: Deutz TCD 2013



EKI08847

Fig. 1. 1003137

Item	Designation	Item	Designation
1	Return line	9	Gasket
2	Pipe clamp	10	Banjo bolt
3	Seal ring	12	Lock valve
5	Crankcase air bleed	13	Seal ring
6	Hex screw	14	Adapter
7	Hose clamp	15	Hex screw
8	Rubber hose		



Loosen hoses and remove crankcase air bleed

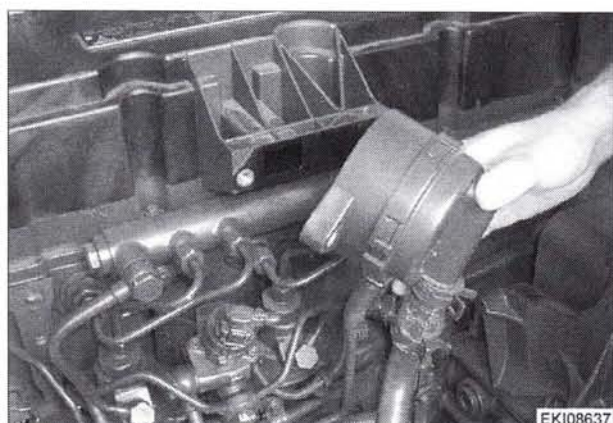
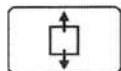


Fig. 2.

EKI08637
1002482

- | | | |
|------------------|------------------|------------------|
| 919 .. 0101-1000 | 925 .. 1001- | 934 .. 0101-1000 |
| 919 .. 1001- | 928 .. 0101-1000 | 934 .. 1001- |
| 922 .. 0101-1000 | 928 .. 1001- | |
| 922 .. 1001- | 931 .. 0101-1000 | |
| 925 .. 0101-1000 | 931 .. 1001- | |



Carefully unlock and open cover

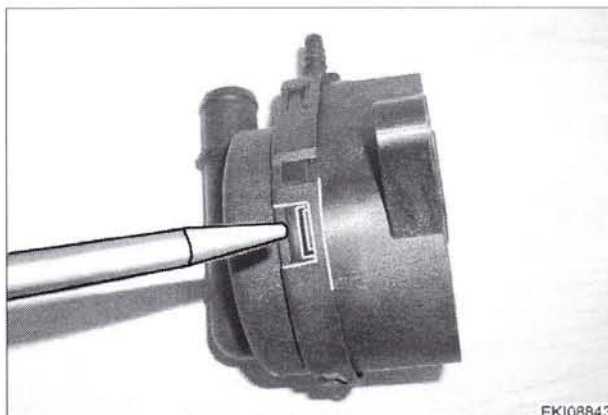


Fig. 3.

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I003133

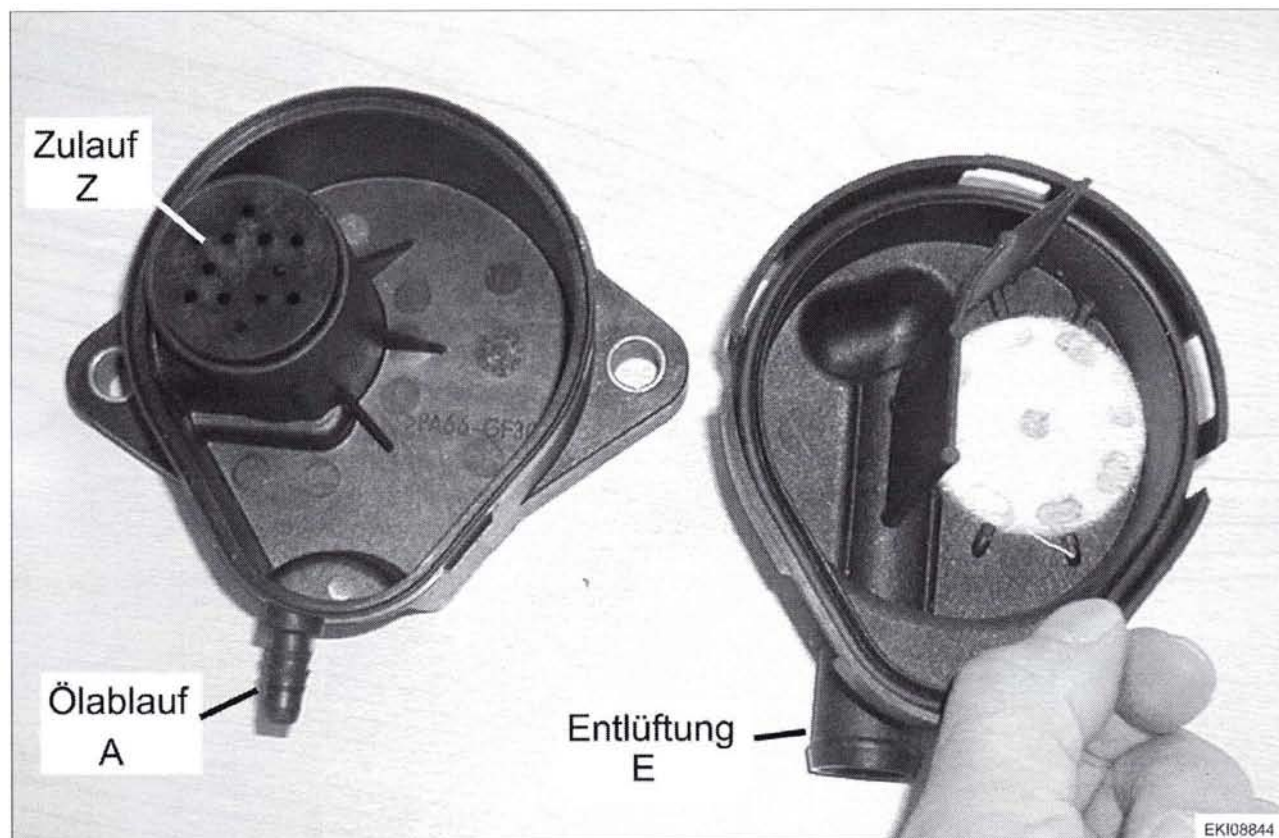
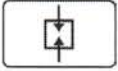


Fig. 4.

EKI08844

I003134

Item	Designation	Item	Designation
Z	Feed	E	Air bleed (to the atmosphere)
A	Engine oil drain to the crankcase		

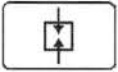


Lightly oil the O-ring and insert it in the groove



Fig. 5.

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I003135



Lock the cover

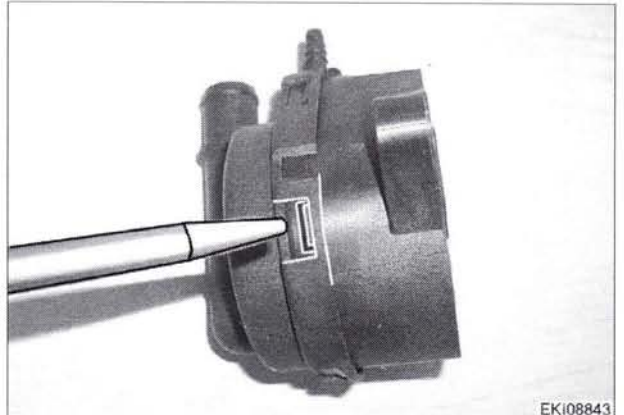
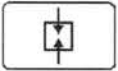


Fig. 6.

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Lightly oil the seal and insert it in the groove

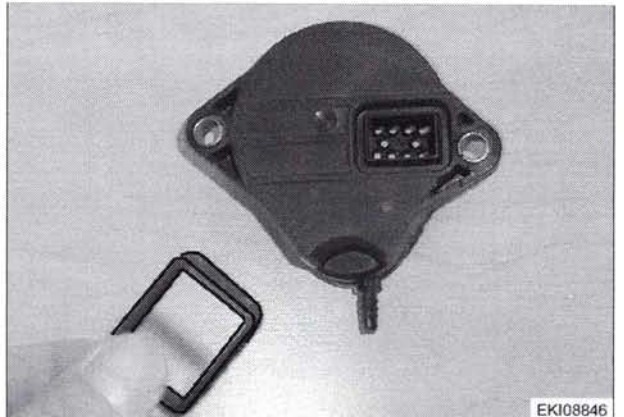
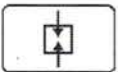


Fig. 7.

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I003136



Install crankcase air bleed, attach hoses

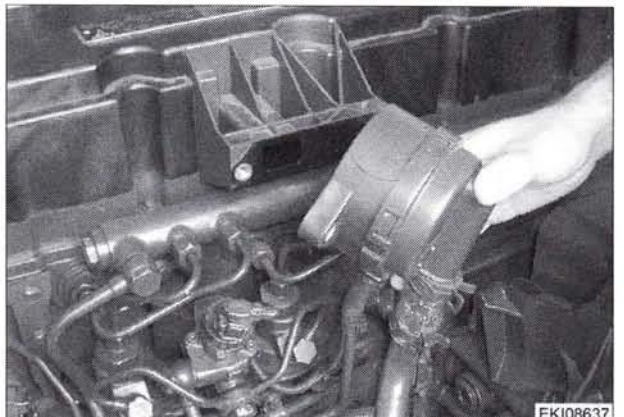


Fig. 8.

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919 .. 0101-1000
919 .. 1001-
922 .. 0101-1000
922 .. 1001-
925 .. 0101-1000

925 .. 1001-
928 .. 0101-1000
928 .. 1001-
931 .. 0101-1000
931 .. 1001-

934 .. 0101-1000
934 .. 1001-

