

Service Training

Basic training EK 900 Vario

FENDT 900 Vario

916 Vario and up .. / 6001

920 Vario and up .. / 6001

924 Vario and up .. / 6001

926 Vario and up .. / 6001

930 Vario and up .. / 1001



Edition
11/03

All relevant accident prevention regulations and all generally accepted safety, health and road traffic regulations must be strictly observed. The manufacturer does not accept liability for damage resulting from unauthorised modifications.

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2904E - PSD 11.2003

All types	Tractor / General system Assembly overview	A
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0000	Tractor / General system
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1000	Transmission
1005	Transmission control unit
1010	Differential
1015	Axle drive
1030	Handbrake
1050	Housing
1070	Brake system
1080	Vario transmission unit
1090	Emergency control
1100	Clutch actuation system
1150	Cardan brake
1170	ML range control
1200	Front PTO
1220	Live PTO
1320	Front-wheel drive
1430	Hydrodamp
1432	Hydraulic pump
1470	Transmission lubrication system
1490	Pump drive
1530	ML adjustment
1600	Enhanced control system valves
1620	Enhanced control system pipes

2000	Engine
2010	Cylinder head
2020	Speed adjustment
2050	Cooling system
2060	Fuel system
2170	Engine brake
2180	Cold-start system
2190	Intercooler
2210	Crankcase
2250	Engine preheater
2312	Lubrication
2710	Injection pump
2712	Injectors
2714	Governor

Date	Version	Page	Assembly overview	Capitel	Index	Docu-No.
04/2000	b	1/4		0000	A	000009

All types	Tractor / General system Assembly overview	A
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3000	Front axle
3010	Front axle support
3020	Axle housing
3050	Suspension
3060	Suspension valve fitting
3070	Suspension pipe
3100	Track rod
3120	Steering cylinder
3170	Frame
3180	Cardan shaft
3190	Diff. lock actuation system

4000	Steering
4070	Steering wheel
4090	Hydraulic steering assembly

5000	Vehicle body
5010	Design
5030	Driver seat
5050	Trailer hitch
5161	Trailer hitch coupling
5200	Cab mount, suspension

5500	Air conditioning system
5520	Compressor drive
5530	Coolant lines
5550	Evaporator
5560	Condenser
5570	Electrical cables

8100	Cab
8113	Heater
8114	Ventilation
8117	Windscreen wipers
8121	Cable loom

8600	Power lift
8610	Electrohydraulic EPC control
8618	External control
8631	Control lifting gear

8700	Three-point hitch
8730	Lift arms
8740	Support

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All types	Tractor / General system Assembly overview	A
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8800	Compressed air system
8810	Compressor
8820	Brake fittings
8830	Lines
8850	Electrical actuation system
8890	Air tank

8900	Front loader
8910	Mounting frame
8915	Hydraulic implement actuation system
8955	3. hydraulic circuit
8958	Multi-coupling
8970	Pipes
8990	Lift cylinder

9000	Electrics
9010	Alternator
9015	Starter lockout
9040	Fuses
9050	Battery system
9060	Starter motor system

9200	Front power lift
9210	Lift gear
9211	External control
9220	Cylinder
9230	Pipes
9260	Enhanced control power lift
9280	Frame

9400	Hydraulic pump assembly
9410	LS pump
9420	Transmission pump
9430	Steering pump

9500	Hydraulic pipes
9510	Base circle
9516	Power lift
9525	with oil cooler
9530	Hydraulic trailer brake
9531	Steering
9534	Reversing system

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All types	Tractor / General system Assembly overview	A
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9600	Hydraulic equipment
9605	Hydraulic connections
9610	Central control block (ZSB)
9620	Valve assembly
9666	External pressure supply
9690	Valve supplement

9700	Electronics
9710	Instrument panel
9715	Terminal
9717	LBS - agricultural bus system
9720	Transducer
9730	Radar sensor
9740	E-box
9750	Transmission actuator unit
9760	Drive switch
9770	Control panel
9780	Engine EDC
9790	ECU, lift gear

9900	Service
9920	Special tools
9970	FENDIAS

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All types	Documentation structure	A
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The basic principle of this documentation is that the different tractor types are divided into main assemblies, which correspond to the FENDOS structure with a few exceptions for technical reasons.

These main assemblies are, for example, "0000 - Tractor/General system" ; "1000 - Transmission"; "2000 - Engine", etc.

The main assemblies are sub-divided into subassemblies, e.g. "1005 - Transmission control unit"; "1220 - Live PTO", etc.

Please see document 0000 A 000009 for an overview of the assemblies.

Each assembly is subdivided into various registers which are labelled with an index letter.

These are as follows.

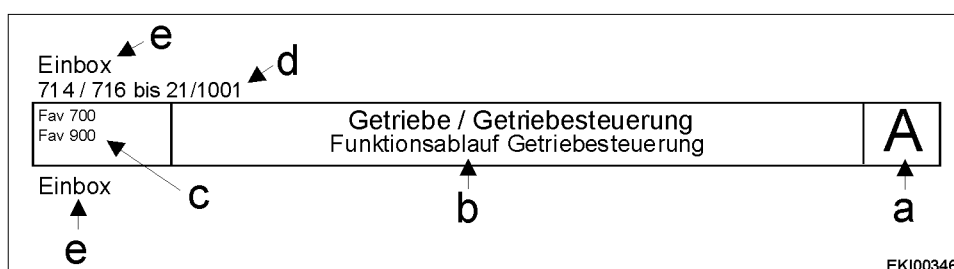
A - General	E - Measuring and testing
B - Faults	F - Settings and calibration
C - Documents and plans	G - Repairs
D - Position of components	H - Service - Information

This documentation is made up of a large number of self-contained individual documents (=worksheets). These documents can be used for various applications and are available in different languages.

Each document is given a unique **document code** (8), which is made up of the **chapter no.** (1) (=assembly / subassembly), the **index letter** (2), and the **document no.** (3), printed on the right of the footer.

A document can, therefore, be clearly assigned to a main assembly/subassembly and the index.

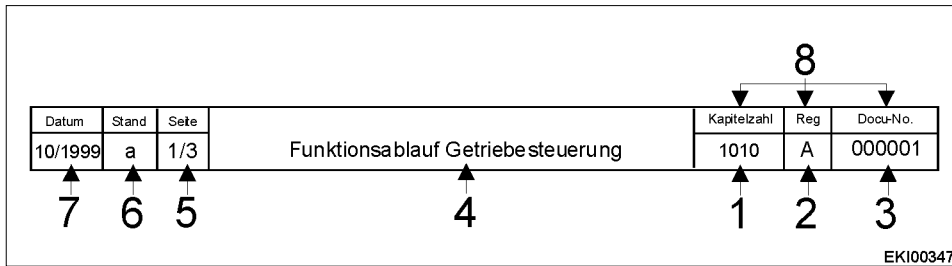
Explanation of the header and footer:



a	Index letter	d	Validity: chassis no.
b	Chapter / section	e	Other notes on validity
c	Type validity		

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12.4.2000	b	1/2	0000	A	000011

All types	Documentation structure	A
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- | | |
|-------------------------------|----------------------------|
| 1 Main assembly / subassembly | 5 No. of pages in document |
| 2 Index | 6 Revision status |
| 3 Document no. | 7 Date created |
| 4 Section | 8 Document code |

Page numbering for all assemblies is continuous, starting from page 1.

The document codes are not necessarily sequential, i.e. gaps may occur.

"Document no." is not the number of pages in the documentation. The page count is shown on the right in the list of contents.

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12.4.2000	b	2/2		0000	A	000011

	Tractor / General system Notes on documentation	A
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Please note

This Workshop Manual gives the trained expert model-specific information for the repair of our tractors. It is assumed that the commercially available tools and general equipment to be found in a normal workshop will be available. Special tools are kept to the absolute minimum, and are shown both at the point where they are used and in a summary at the end of the manual.

If parts have to be replaced, **only** genuine spare parts may be used. When ordering parts, please always quote the chassis number indicated in the relevant valid spares documentation. Assemblies are divided up in the Workshop Manual in the same way as in FENDOS.

Maintenance documentation and technical specifications must also be taken into account by workshops. When repairs are completed, the person responsible must carry out a test drive to ensure that the tractor is roadworthy and in perfect condition.

We reserve the right to make design changes in the interests of technical progress.

Notes on Index G - Repairs

The present disassembly / reassembly instructions represent the design status at the time the Workshop Manual was produced.

Technical refinements and developments of the product appearing in the various versions may require different work procedures - qualified technicians will find these no more difficult to perform.

These disassembly and reassembly instructions will be superseded by publication of the next edition.

Important notes on safety at work

In principle, those carrying out repairs are responsible for their own safety while working.

It is essential to comply with all applicable safety regulations and statutory requirements in order to avoid personal injury and damage to the product during maintenance and repair work. Repair staff must familiarise themselves with such regulations and requirements before starting work.

For the proper repair of Fendt products, it is assumed that the work is carried out by appropriately trained personnel.

It is the responsibility of the workshop to provide such training.

The following are used in this manual to draw attention to safety issues



This pictogram indicates situations where insufficient care may result in personal injury or damage to the product.

Read the relevant instructions thoroughly before starting any tests or repair work.

The photos, drawings and components used do not always represent the original product; they are intended to illustrate the work procedure.

Photos, drawings, and components are not to scale, and should not be used for deducing size and weight (even when these are in the same illustration).

Date	Version	Page	Capitel	Index	Docu-No.
26.03.2001	a	1/1	0000	A	000021

<p><i>Farmer 400 Fav 700 FENDT 800 / 900 Vario Fav 900</i></p>	<p>Working and steering hydraulics / General system Safety instructions and measures</p>	<p>A</p>
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Reason:

- The pressure pipes of the front suspension between the central control block ZSB and the suspension cylinders,
- the accumulators ASP1 and ASP2 on the central control block and
- the piped accumulator ZSP

are subject to a pressure of 200 bar even with the engine switched off and the suspension lowered (=locked).

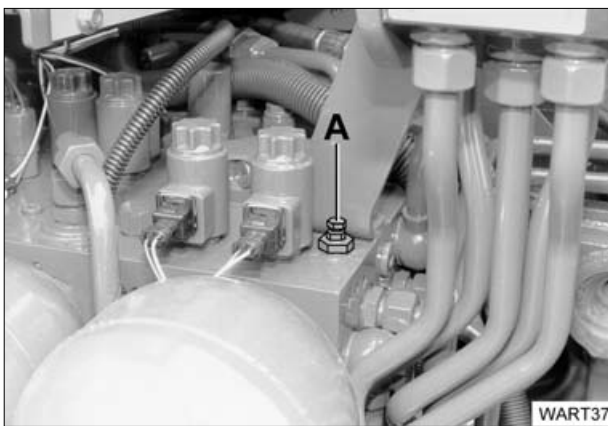
Action:

The pressure **β must be relieved manually** before any repair is carried out or anything is released or opened in this area.

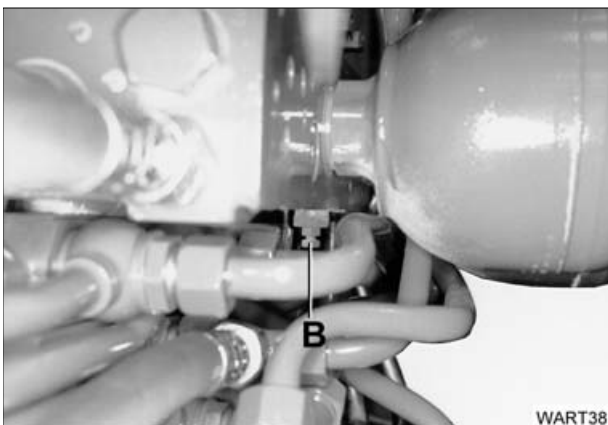
Note:

The "Lock suspension / lower suspension" command has no effect.

Steps:



1. Loosen stopcock item A (stopcock is labelled AV2 in further documents and circuit diagrams) on top of central control block by approx. 1 turn anti-clockwise.



2. Loosen stopcock item B (stopcock is labelled AV1 in further documents and circuit diagrams) on bottom of central control block by approx. 1 turn anti-clockwise.

Check:

Emptying of accumulator sounds like flowing liquid as oil temperature increases (scarcely audible in winter).

Note and comparison:

For tractors without a central control block (e.g. Fav 500) it is still necessary to relieve pressure using the external power supply method.

Date	Version	Page	Safety instructions and measures	Capitel	Index	Docu-No.
12/1999	a	1/1		0000	A	000012

All types	Tractor / General system Tightening torques for bolts in Nm	A
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Coefficient of friction: μ total 0.14 for nuts and bolts without aftertreatment and for phosphated nuts.
Tighten by hand.

Tightening torques, unless otherwise specified, can be taken from the following table.

Metrisches Gewinde								
	6,9		8,8		10,9		12,9	
Abmessung	Nm	(kpm)	Nm	(kpm)	Nm	(kpm)	Nm	(kpm)
M 6	8,4	(0,85)	9,8	(1,0)	13,7	(1,4)	16,7	(1,7)
M 8	20,6	(2,1)	24,5	(2,5)	34,3	(3,5)	40,2	(4,1)
M 10	40,2	(4,1)	48,1	(4,9)	67,7	(6,9)	81,4	(8,3)
M 12	70,6	(7,2)	84,4	(8,6)	117,7	(12,0)	142,2	(14,5)
M 14	112,8	(11,5)	132,4	(13,5)	186,4	(19,0)	225,6	(23,0)
M 16	176,6	(18,0)	206,0	(21,0)	289,4	(29,5)	348,2	(35,5)
M 18	240,3	(24,5)	284,5	(29,0)	392,4	(40,0)	475,8	(48,5)
M 20	338,4	(34,5)	402,2	(41,0)	569,0	(58,0)	676,9	(69,0)
M 22	456,2	(46,5)	539,5	(55,0)	765,2	(78,0)	912,3	(93,0)
M 24	588,6	(60,0)	696,5	(71,0)	981,0	(100,0)	1177,2	(120,0)
M 27	873,1	(89,0)	1030,0	(105,0)	1471,5	(150,0)	1765,8	(180,0)
M 30	1177,2	(120,0)	1422,4	(145,0)	1962,0	(200,0)	2354,4	(240,0)

Metrisches Feingewinde								
	6,9		8,8		10,9		12,9	
Abmessung	Nm	(kpm)	Nm	(kpm)	Nm	(kpm)	Nm	(kpm)
M 8 x 1	22,6	(2,3)	26,5	(2,7)	37,3	(3,8)	44,1	(4,5)
M 10 x 1,25	42,2	(4,4)	51,0	(5,2)	71,6	(7,3)	86,3	(8,8)
M 12 x 1,25	78,5	(8,0)	93,2	(9,5)	132,4	(13,5)	157,0	(16,0)
M 12 x 1,5	74,5	(7,6)	88,3	(9,0)	122,6	(12,5)	147,1	(15,0)
M 14 x 1,5	122,6	(12,5)	147,1	(15,0)	206,0	(21,0)	245,2	(25,0)
M 16 x 1,5	186,4	(19,0)	220,7	(22,5)	309,0	(31,5)	372,8	(38,0)
M 18 x 1,5	296,8	(27,5)	318,8	(32,5)	451,3	(46,0)	539,5	(55,0)
M 20 x 1,5	377,7	(38,5)	451,3	(46,0)	627,8	(64,0)	755,4	(77,0)
M 22 x 1,5	510,1	(52,0)	598,4	(61,0)	843,7	(86,0)	1030,0	(105,0)
M 24 x 2	637,6	(65,0)	765,2	(78,0)	1079,1	(110,0)	1275,3	(130,0)
M 27 x 2	951,6	(97,0)	1128,1	(115,0)	1569,6	(160,0)	1912,9	(195,0)
M 30 x 2	1324,4	(135,0)	1569,6	(160,0)	2207,2	(225,0)	2648,7	(270,0)

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03/2000	a	1/1		0000	A	000007

Fav 900
FENDT 900 Vario

Tractor / General system
History of the Favorit 900 tractor range

A

Favorit 900 / 21 / 1001 and up



Favorit 900 / 23 / 3001 and up



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Fav 900
FENDT 900 Vario

Tractor / General system
History of the Favorit 900 tractor range

A

FENDT 900 / 23 / 6001 and up / FENDT 930 / 23 / 1001 and up



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History of the Favorit 900 tractor range

Fav 900 FENDT 900 Vario	Tractor / General system History of the Favorit 900 tractor range	A
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Favorit 926 (1 Generation from November 1995 'Agritechnica')

Favorit 926 / 21 / 1001

Favorit 900 (1 Generation, product improvement from March 1998)

Favorit 916 / 21 /

Favorit 920 / 21 / 1001

Favorit 924 / 21 / 1001

Favorit 926 / 21 / 1001

Special model Favorit 926 / 21 / ... (PL - "Poland") (approx. 30 machines, mid 1998)

Favorit 900 (2 Generation from November 1999 "Agritechnica" and up)

Favorit 916 / 23 / 3001 and up (European version) ; 916 / 24 / 3001 and up (North American version)

Favorit 920 / 23 / 3001 and up (European version) ; 920 / 24 / 3001 and up (North American version)

Favorit 924 / 23 / 3001 and up (European version) ; 924 / 24 / 3001 and up (North American version)

Favorit 926 / 23 / 3001 and up (European version) ; 926 / 24 / 3001 and up (North American version)

FENDT 900 Vario (3 Generation from April 2003)

FENDT 916 / 23 / 6001 and up (European version) ; 916 / 24 / 6001 and up (North American version)

FENDT 920 / 23 / 6001 and up (European version) ; 920 / 24 / 6001 and up (North American version)

FENDT 924 / 23 / 6001 and up (European version) ; 924 / 24 / 6001 and up (North American version)

FENDT 926 / 23 / 6001 and up (European version) ; 926 / 24 / 6001 and up (North American version)

FENDT 930 / 21 / 0101 and up (European version) ; 930 / 22 / 0101 and up (North American version)

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Fav 900 FENDT 900 Vario	Tractor / General system History of the Favorit 900 tractor range	A
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Model/ version	916	920	924	926	930
Vario - transmission	ML 200 23/6001 and up --> B039 - high pressure sensor 2 'push detection' 23/6001 and up --> Y053 - solenoid valve cardan brake "active parking function"	ML 200 23/6001 and up --> B039 - high pressure sensor 2 'push detection' 23/6001 and up --> Y053 - solenoid valve cardan brake 'active parking function'	ML 200 23/6001 and up --> B039 - high pressure sensor 2 'push detection' 23/6001 and up --> Y053 - solenoid valve cardan brake 'active parking function'	ML 200 23/6001 and up --> B039 - high pressure sensor 2 'push detection' 23/6001 and up --> Y053 - solenoid valve cardan brake 'active parking function'	ML 200 23/1001 and up --> B039 - high pressure sensor 2 'push detection' 23/1001 and up --> Y053 - solenoid valve cardan brake 'active parking function'
Rear axle	HA 200 (flange)	HA 200 (flange) Chassis no. 23/3001 and up: HA 200 (flange) HA 260 (stub)	HA 200 (flange / stub) Chassis no. 23/3001 and up: HA 260 (flange) HA 260 (stub)	HA 200 (flange / stub) Chassis no. 23/3001 and up: HA 260 (flange) HA 260 (stub)	HA 260 (flange / stub)
Note: stub axle EU = 2500mm overall width and NA = 3000mm overall width					
Braking system	Cardan shaft brake --> wet disc brake Rear braking system --> wet disc brake When braking: cardan shaft brake + rear wheel brake Chassis no. 23/3001 and up: When braking: cardan shaft brake + rear wheel brake + 4WD engagement	Cardan shaft brake --> wet disc brake Rear braking system --> wet disc brake When braking: cardan shaft brake + rear wheel brake Chassis no. 23/3001 and up: When braking: cardan shaft brake + rear wheel brake + 4WD engagement	Cardan shaft brake --> wet disc brake Rear braking system --> wet disc brake When braking: cardan shaft brake + rear wheel brake Chassis no. 23/3001 and up: When braking: cardan shaft brake + rear wheel brake + 4WD engagement	Cardan shaft brake --> wet disc brake Rear braking system --> wet disc brake When braking: cardan shaft brake + rear wheel brake Chassis no. 23/3001 and up: When braking: cardan shaft brake + rear wheel brake + 4WD engagement	Cardan shaft brake --> wet disc brake Rear braking system --> wet disc brake When braking: cardan shaft brake + rear wheel brake + 4WD engagement
Rear PTO	750 / 1000 (standard) 540 / 1000 (optional)	750 / 1000 (standard) 540 / 1000 (optional)	750 / 1000 (standard) 540 / 1000 (optional)	750 / 1000 (standard) 540 / 1000 (optional)	750 / 1000 (standard) 540 / 1000 (optional)
Front PTO	1000 / 540 reversible (direction of rotation selectable) Chassis no. 23/3001 and up: 1000 rpm clockwise	1000 / 540 reversible (direction of rotation selectable) Chassis no. 23/3001 and up: 1000 rpm clockwise	1000 / 540 reversible (direction of rotation selectable) Chassis no. 23/3001 and up: 1000 rpm clockwise	1000 / 540 reversible (direction of rotation selectable) Chassis no. 23/3001 and up: 1000 rpm clockwise	1000 rpm clockwise

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Fav 900 FENDT 900 Vario	Tractor / General system History of the Favorit 900 tractor range	A
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Model/ version	916	920	924	926	930
Engine	MAN D0826 Chassis no. 23/3001 and up: MAN D0836 LE 504 'EDC'	MAN D0826 Chassis no. 23/3001 and up: MAN D0836 LE 503 'EDC'	MAN D0826 Chassis no. 23/3001 and up: MAN D0836 LE 502 'EDC'	MAN D0826 Chassis no. 23/3001 and up: MAN D0836 LE 501 'EDC'	MAN D0836 LE 510 COM II 'EDC'
	Chassis no. 23/4151 and up: MAN D0836 LE 508 COM II 'EDC'	Chassis no. 23/4141 and up: MAN D0836 LE 507 COM II 'EDC'	Chassis no. 23/4126 and up: MAN D0836 LE 506 COM II 'EDC'	Chassis no. 23/4444 and up: MAN D0836 LE 505 COM II 'EDC'	
Injection pump	Distributor pump (Bosch VE) Chassis no. 23/3001 and up: Electronic distributorpump (Bosch VP 44)	Distributor pump (Bosch VE) Chassis no. 23/3001 and up: Electronic distributorpump (Bosch VP 44)	In-line pump (Bosch P 3000) Chassis no. 23/3001 and up: Electronic distributorpump (Bosch VP 44)	In-line pump (Bosch P 3000) Chassis no. 23/3001 and up: Electronic distributorpump (Bosch VP 44)	Electronic distributorpump (Bosch VP 44)
Cold start aid	Cold-start aid	Cold-start aid	Cold-start aid	Cold-start aid	Cold-start aid
Charging (type)	Turbocharger / intercooler	Turbocharger / intercooler	Turbocharger / intercooler	Wastegate turbocharge / intercooler Chassis no. 23/3001 and up: Turbocharger / intercooler	Wastegate turbocharge / intercooler
Air intake	at the left cab pillar Chassis no. 23/6001 and up: under the bon- net with cyclone pre-cleaner	at the left cab pillar Chassis no. 23/6001 and up: under the bon- net with cyclone pre-cleaner	at the left cab pillar Chassis no. 23/6001 and up: under the bon- net with cyclone pre-cleaner	at the left cab pillar Chassis no. 23/6001 and up: under the bon- net with cyclone pre-cleaner	under the bonnet with cyclone pre-cleaner
Front axle	DANA 050 F1 / 100% disc locking Chassis no. 23/3001 and up: DANA 060 F1 / 100% disc locking	DANA 050 F1 / 100% disc locking Chassis no. 23/3001 and up: DANA 060 F1 / 100% disc locking	DANA 050 F1 / 100% disc locking Chassis no. 23/3001 and up: DANA 060 F1 / 100% disc locking	DANA 050 F1 / 100% disc locking Chassis no. 23/3001 and up: DANA 060 F1 / 100% disc locking	DANA 060 F1 / 100% disc locking
Rear power lift	Bosch EPC - C Chassis no. 23/6001 and up: Bosch EPC - OBE	Bosch EPC - C Chassis no. 23/6001 and up: Bosch EPC - OBE	Bosch EPC - C Chassis no. 23/6001 and up: Bosch EPC - OBE	Bosch EPC - C Chassis no. 23/6001 and up: Bosch EPC - OBE	Bosch EPC - OBE

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Fav 900 FENDT 900 Vario	Tractor / General system History of the Favorit 900 tractor range	A
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Model/ version	916	920	924	926	930
Working and steering hydraulics	mechanically actuated aux. control valves (Bosch SB 23 LS)	mechanically actuated aux. control valves (Bosch SB 23 LS)	mechanically actuated aux. control valves (Bosch SB 23 LS)	mechanically actuated aux. control valves (Bosch SB 23 LS)	mechanically actuated aux. control valves (Bosch SB 23 LS)
	Chassis no. 23/3001 and up: mechanically actuated aux. control valves (Bosch SB 23 LS)	Chassis no. 23/3001 and up: mechanically actuated aux. control valves (Bosch SB 23 LS)	Chassis no. 23/3001 and up: mechanically actuated aux. control valves (Bosch SB 23 LS)	Chassis no. 23/3001 and up: mechanically actuated aux. control valves (Bosch SB 23 LS)	
Layout of hydraulic components	Components located externally in pipes	Components located externally in pipes	Components located externally in pipes	Components located externally in pipes	Central control block (ZSB) with integrated switches and functional components
	Chassis no. 23/3001 and up: Central control block (ZSB) with integrated switches and functional components	Chassis no. 23/3001 and up: Central control block (ZSB) with integrated switches and functional components	Chassis no. 23/3001 and up: Central control block (ZSB) with integrated switches and functional components	Chassis no. 23/3001 and up: Central control block (ZSB) with integrated switches and functional components	
Electrics	Generator 14 VDC / 143 ampere	Generator 14 VDC / 143 ampere	Generator 14 VDC / 143 ampere	Generator 14 VDC / 143 ampere	
	Chassis no. 23/3001 and up: 2 x Generator 14 VDC / 90 ampere	Chassis no. 23/3001 and up: 2 x Generator 14 VDC / 90 ampere	Chassis no. 23/3001 and up: 2 x Generator 14 VDC / 90 ampere	Chassis no. 23/3001 and up: 2 x Generator 14 VDC / 90 ampere	
Electronics / transmission settings	Transmission settings via joystick, membrane keypad and display elements for the transmission ratio	Transmission settings via joystick, membrane keypad and display elements for the transmission ratio	Transmission settings via joystick, membrane keypad and display elements for the transmission ratio	Transmission settings via joystick, membrane keypad and display elements for the transmission ratio	Transmission settings via CAN joystick, control console and terminal, tractor with Tractor Management System "TMS"
	Chassis no. 23/3001 and up: Transmission setting via joystick, control console and terminal	Chassis no. 23/3001 and up: Transmission setting via joystick, control console and terminal	Chassis no. 23/3001 and up: Transmission setting via joystick, control console and terminal	Chassis no. 23/3001 and up: Transmission setting via joystick, control console and terminal	

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					000051

Fav 900 FENDT 900 Vario	Tractor / General system History of the Favorit 900 tractor range	A
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Model/ version	916	920	924	926	930
Electronics / transmission settings	Chassis no. 23/6001 and up: Transmission settings via CAN joystick, control console and terminal, tractor with Tractor Management System 'TMS'	Chassis no. 23/6001 and up: Transmission settings via CAN joystick, control console and terminal, tractor with Tractor Management System 'TMS'	Chassis no. 23/6001 and up: Transmission settings via CAN joystick, control console and terminal, tractor with Tractor Management System 'TMS'	Chassis no. 23/6001 and up: Transmission settings via CAN joystick, control console and terminal, tractor with Tractor Management System 'TMS'	
Rapid reversing	with joystick	with joystick	with joystick	with joystick	with joystick or "Stop and Go" rocker switch on the steering column adjustment lever
	Chassis no. 23/3001 and up: with joystick or switch on the steering wheel adjustment lever	Chassis no. 23/3001 and up: with joystick or switch on the steering wheel adjustment lever	Chassis no. 23/3001 and up: with joystick or switch on the steering wheel adjustment lever	Chassis no. 23/3001 and up: with joystick or switch on the steering wheel adjustment lever	
	Chassis no. 23/6001 and up: with joystick or 'Stop and Go' rocker switch on the steering column adjustment lever	Chassis no. 23/6001 and up: with joystick or 'Stop and Go' rocker switch on the steering column adjustment lever	Chassis no. 23/6001 and up: with joystick or 'Stop and Go' rocker switch on the steering column adjustment lever	Chassis no. 23/6001 and up: with joystick or 'Stop and Go' rocker switch on the steering column adjustment lever	
E-box (software programming), Note: Flash = The EPROM can be overwritten with 'EOL'.	Replacing EPROM	Replacing EPROM	Replacing EPROM	Replacing EPROM	Flash programmable
	Chassis no. 23/6001 and up: Flash programmable	Chassis no. 23/6001 and up: Flash programmable	Chassis no. 23/6001 and up: Flash programmable	Chassis no. 23/6001 and up: Flash programmable	

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Fav 900 FENDT 900 Vario	Tractor / General system History of the Favorit 900 tractor range	A
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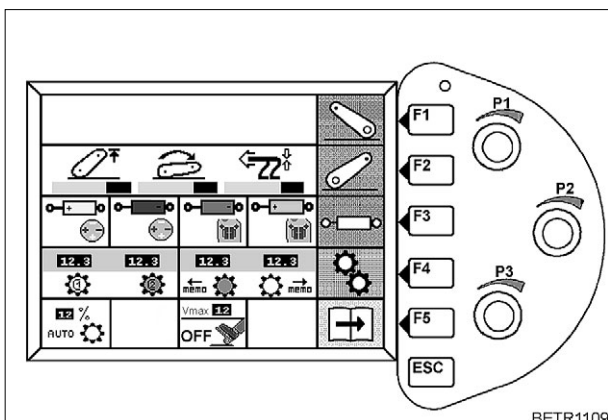
Model/ version	916	920	924	926	930
Software	-	-	-	-	Variotronic TI / TMS ("TeachIn / Tractor-Management-System")
	Chassis no. 23/3001 and up: Variotronic 1.0 (can be updated to Variotronic 2.0)	Chassis no. 23/3001 and up: Variotronic 1.0 (can be updated to Variotronic 2.0)	Chassis no. 23/3001 and up: Variotronic 1.0 (can be updated to Variotronic 2.0)	Chassis no. 23/3001 and up: Variotronic 1.0 (can be updated to Variotronic 2.0)	
	Chassis no. 23/3200 and up: Variotronic 2.0	Chassis no. 23/3235 and up: Variotronic 2.0	Chassis no. 23/3254 and up: Variotronic 2.0	Chassis no. 23/3733 and up: Variotronic 2.0	
	Chassis no. 23/6001 and up: Variotronic TI / TMS ('TeachIn / Tractor-Management-System')	Chassis no. 23/6001 and up: Variotronic TI / TMS ('TeachIn / Tractor-Management-System')	Chassis no. 23/6001 and up: Variotronic TI / TMS ('TeachIn / Tractor-Management-System')	Chassis no. 23/6001 and up: Variotronic TI / TMS ('TeachIn / Tractor-Management-System')	

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FENDT 700 Vario
FENDT 800 Vario
FENDT 900 Vario

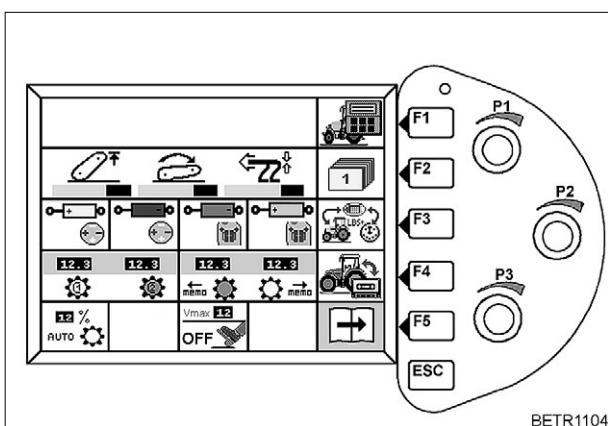
Tractor / General system
Tractor diagnostics with terminal A008 (Variotronic Ti)

A



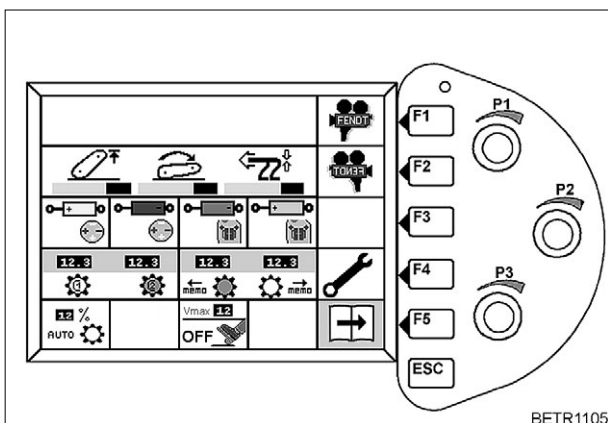
Ignition ON

Press **F5** to switch to second main menu level.



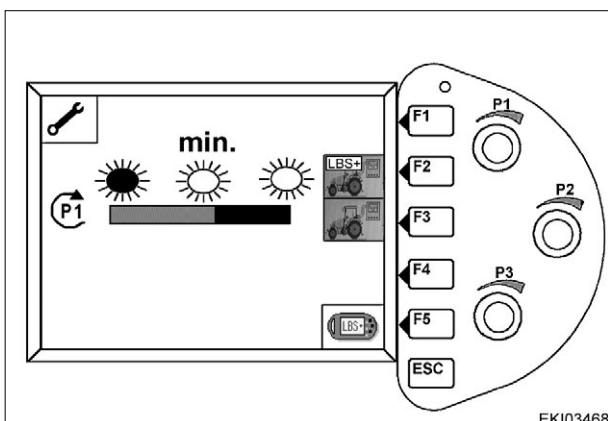
Main menu level two is displayed.

Press **F5** to switch to third main menu level.



Main menu level two is displayed.

Press **F4** to open Screen Brightness menu.



The Screen Brightness menu is displayed.

Press **F3** to open Diagnostics Menu 1.

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10.10.2002	a	1/3	Tractor diagnostics with terminal A008 (Variotronic Ti)	0000	A 000042