



Blurred on purpose. The manual you buy has this page in full quality.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

5.6 Pressure tests in the travel circuit

Special tools

Hydraulic test case

⚠ Caution

Perform measurements at operating temperature of the hydraulic oil (40 °C).

1. Block the drums with suitable chocks (Fig. 1).

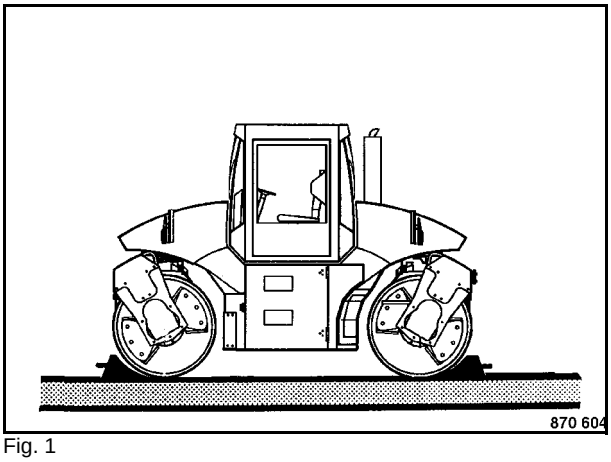


Fig. 1

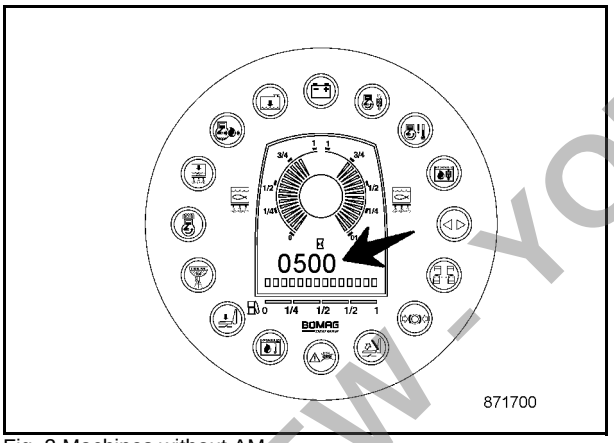


Fig. 2 Machines without AM

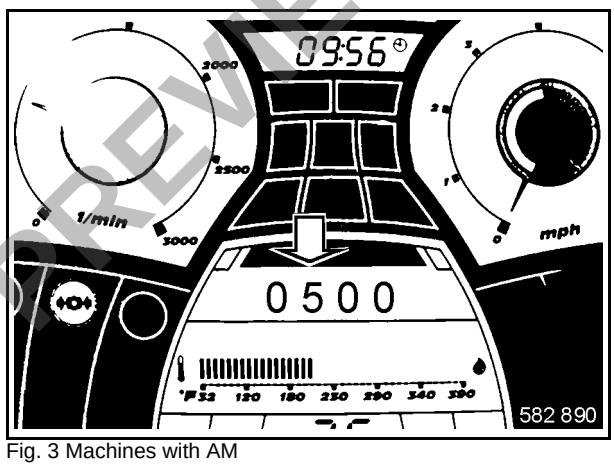


Fig. 3 Machines with AM

⚠ Danger

The closed brake mode must be activated!

i Note

Drive against the closed brake, see corresponding chapter.

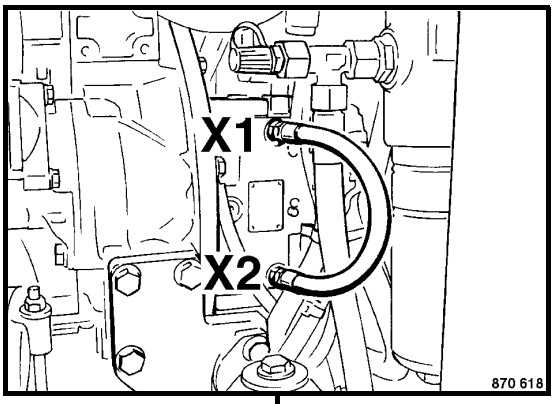
2. Enter code number "0500" to close the brake (Fig. 2) or (Fig. 3).

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

7.2 Trouble shooting diagram

The machine drives with the travel lever in „NEUTRAL“

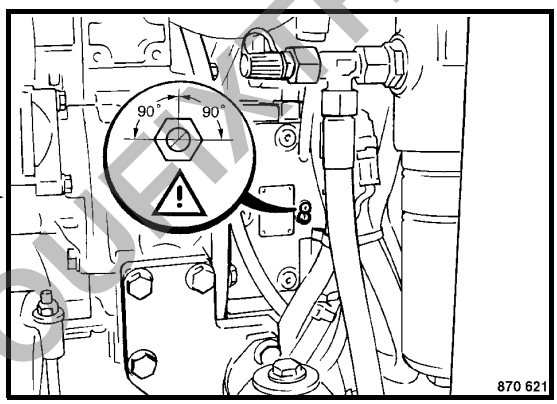


Check the mechanical neutral position

- Enter code number 500 to close the brake
- Connect control chamber ports X1 and X2 with a hose

Neutral position OK?

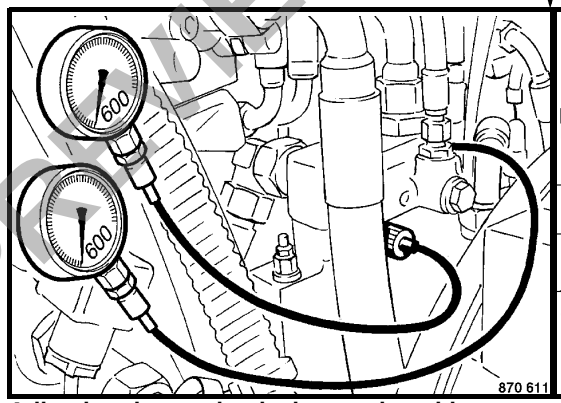
yes



Adjust the hydraulic neutral position

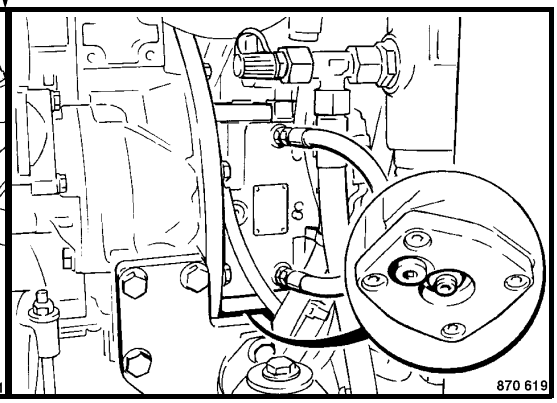
- Remove the hose connecting X1 and X2
- Run the engine with maximum speed.
- Adjust the hydraulic neutral position so that identical pressures are indicated at MA and MB (charge pressure)

no



Adjusting the mechanical neutral position

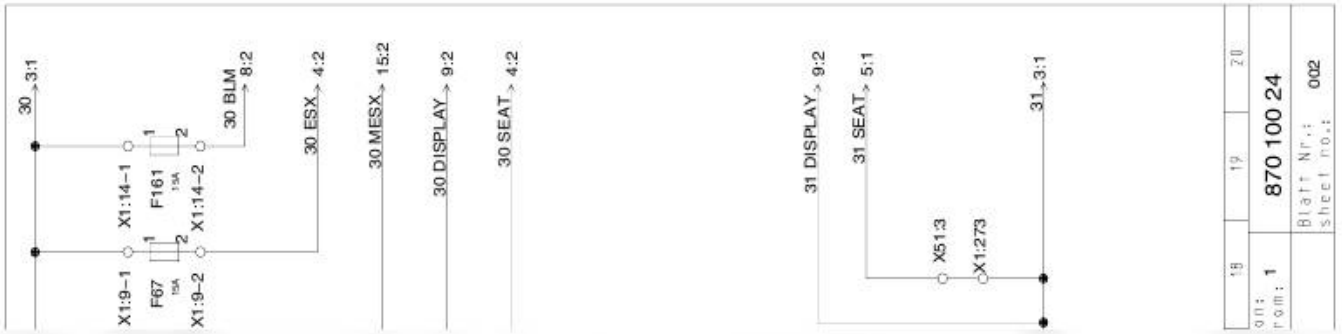
- Connect 600 bar pressure gauges to MA and MB



- Run the engine with maximum speed.
- Adjust the mechanical 0-position so that identical pressures are indicated at MA and MB (charge pressure)
- For a more exact adjustment repeat the test with 60 bar pressure gauges

PREVIEW - YOUFIXTHIS.COM

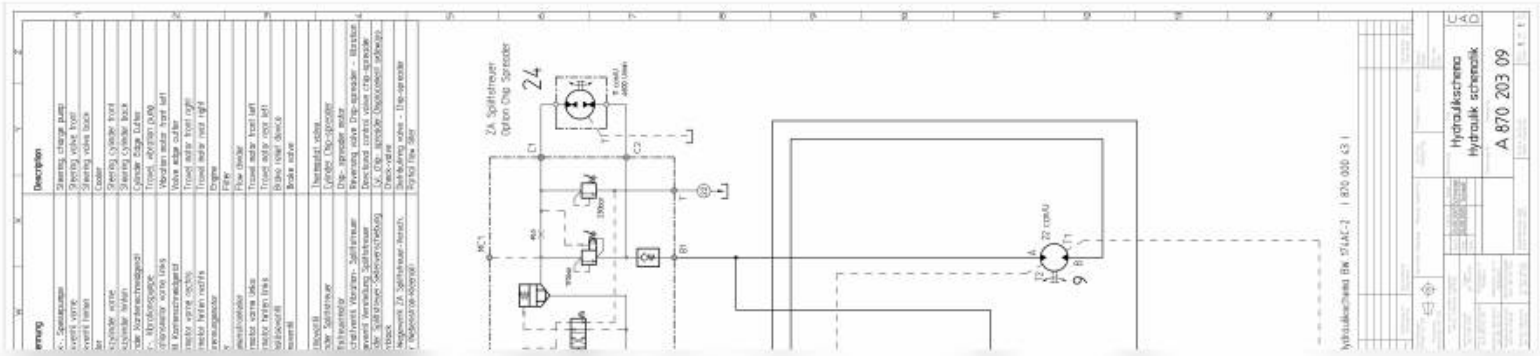
Download full manual at youfixthis.com



PREVIEW - YOUFIXTHIS.COM

Blurred on purpose. The manual you buy has this page in full quality.

Download full manual at youfixthis.com



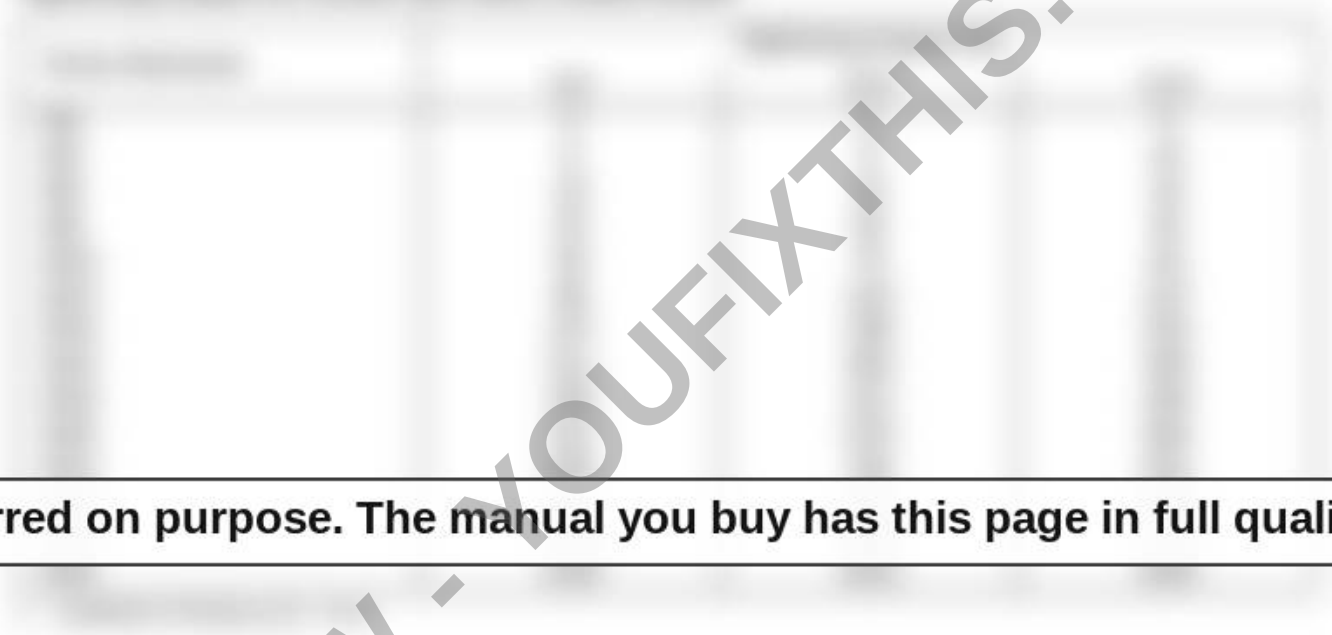
PREVIEW - YOUFIXTHIS.COM

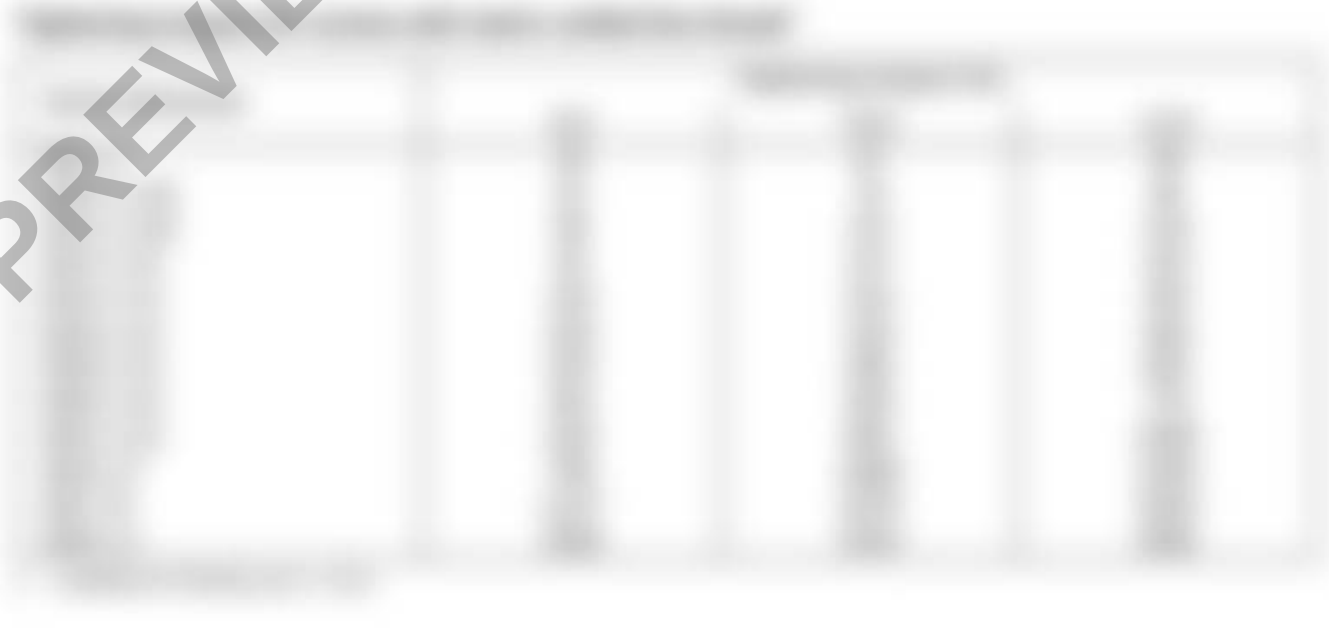
Blurred on purpose. The manual you buy has this page in full quality.

Download full manual at youfixthis.com

The values specified in the table apply for screws:

- black oiled
- with surface protection A4C
- with surface protection DACROMET





Blurred on purpose. The manual you buy has this page in full quality.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

9 Description of fault codes on the ESX control

9.1 Overview

Fault code	Fault description
0000 – 0999	General faults / warnings / machine tests
1000 – 1999	Fault in travel system
2000 – 2499	Fault in steering system
2500 – 2999	Fault in remote control
3000 – 4499	Faults in work functions (vibration, attachment plates, rotor, chip spreader, edge cutter or sprinkling system)
4500 – 4999	Fault in measuring systems
5000 – 5499	Fault diesel engine
5500 – 5999	Fault hydraulic system
6000 – 6999	Fault anti-theft warning system, localization system, access system, time account, etc.
7000 – 7499	Input of machine codes/
7500 – 7899	Input of codes for measuring technology
7900 – 7999	Operating hours, load spectrum, etc.
8000 – 8999	Severe software error [1]
9000 – 9999	Errors of external IO-nodes on one of the CAN-busses (joystick, data collector, Dios module, LC-display, BLM Module, engine control units, etc.) [1]

[1] These faults are only broken down partly hereunder!

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

General **7**

1.1 Introduction 8
1.2 Safety regulations 9
1.3 General repair instructions 14
1.4 Tightening torques 25

Technical data **29**

2.1 Technical data 30

Maintenance **37**

3.1 General notes on maintenance 38
3.2 Fuels and lubricants 39
3.3 Table of fuels and lubricants 41
3.4 Running-in instructions 42
3.5 Maintenance chart 43

Connection overview **45**

4.1 Connection overview 46

Tests and adjustments **49**

5.1 Special tools, tests and adjustments 50
5.2 Activate service mode 54
5.3 Driving against the closed brake 56
5.4 Turn the steering against an end stop. 59
5.5 Checking the rotation speeds 62
5.6 Pressure tests in the travel circuit 64
5.7 Checking / adjusting the neutral positions of the travel pump 67
5.8 Check the setting of the high pressure relief valves in the travel circuit 70
5.9 Pressure tests in the vibration circuit 73
5.10 Check the setting of the high pressure relief valves in the vibration circuit 74
5.11 Checking / adjusting the vibrator shaft speeds 77
5.12 Checking the leakage rate of the vibration motor 78
5.13 Pressure test in steering circuit 79

Flushing and bleeding **83**

6.1 Special tools for flushing 84
6.2 Flushing - general 89
6.3 Flushing schematic for travel system 91
6.4 Flashing the travel circuit 93
6.5 Flushing schematic for vibration drive on AP-machines 99
6.6 Flushing schematic for vibration circuit on ACP-machines 100
6.7 Flushing the vibration circuit 101
6.8 Bleeding the travel circuit 105
6.9 Bleeding the vibration circuit 107

Trouble shooting **109**

7.1 General 110
7.2 Trouble shooting diagram 111

Fundamental electrics **131**

8.1 Understanding circuit diagrams 132
8.2 Terminal designations in wiring diagram 137
8.3 Circuit symbols in the circuit diagram 141

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Important notes

These safety regulations must be read and applied by every person involved in the repair of this machine. The applicable accident prevention instructions and the safety regulations in the operating and maintenance instructions must be additionally observed.

Repair work shall only performed by appropriately trained personnel or by the after sales service of BOMAG.

Any suggestions, safety precautions and warnings in this section are intended as a mnemonic aid for well trained and experienced expert mechanics. This manual should not be considered a bible on workshop safety.

Workshop equipment and facilities as well as the use and waste disposal of solvent, fluids, gases and chemicals are subject to legal regulations, which are intended to provide a minimum on safety. It is obviously your own responsibility to know and adhere to these regulations.

This manual contain headers like "Note", "Attention", "Danger" and "Environment", which must be strictly complied with in order to avoid dangers for health and for the environment.

⚠ Danger

Paragraphs marked like this highlight possible dangers for persons.

⚠ Caution

Paragraphs marked like this highlight possible dangers for machines or parts of the machine.

i Note

Paragraphs marked like this contain technical information for the optimal economical use of the machine.

Environment

Paragraphs marked like this point out practices for safe and environmental disposal of fuels and lubricants as well as replacement parts.

Observe the regulations for the protection of the environment.

General

- Before starting repair work stand the machine on level and solid ground.
- Always secure the machine against unintended rolling.
- Secure the engine reliably against unintentional starting.
- Mark a machine that is defective or being repaired by attaching a clearly visible warning tag to the steering wheel.
- On machines with articulated joint keep the articulated joint locked during work.
- Use protective clothes like hard hat, safety boots and gloves.
- Keep unauthorized persons away from the machine during repair work.
- Tools, lifting gear, lifting tackle, supports and other auxiliary equipment must be fully functional and in safe condition.
- Use only safe and approved lifting gear of sifficient load bearing capacity to remove and install parts or components from and to the machine.
- Be careful with cleansing agents. Do not use easily inflammable or harmful substances, such as gasoline or paint thinners for cleaning.
- Cleaning or repair work on the fuel tank is very dangerous. Do not smoke or allow any ignitable sparks or open fire in the vicinity when cleaning or repairing a tank. .
- When performing welding work strictly comply with the respective welding instructions.

Precautions and codes of conduct for welding work

Welding work should only be performed by specially instructed expert personnel.

⚠ Danger

Electric shock!

Sparks, fire hazard, burning of skin!

Infrared or ultraviolet radiation (arc), flashing of eyes!

Health hazard caused by welding work on highly alloyed work pieces, metal coatings, paint coatings, plastic coatings, oil containing dirt deposits, grease or solvent residues, etc.!

- Check welding equipment and cables for damage before use (also the validity of inspection stickers).
- Ensure good conductivity between earth cable and work piece.
- Start the extraction fan before starting work and guide with the progressing work as required.
- Always isolate the burner when laying it down (remove possible electrode residues).
- Protect cables from being damaged, use cables with insulated couplings.
- Ensure sufficient fire protection, keep a fire extinguisher at hand.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

8.4 Battery ground and analog ground 142
8.5 Current and voltage 142
8.6 CAN-Bus 145
8.7 Resistance 147
8.8 Series / parallel connection 149
8.9 Ohm's law 151
8.10 Electrical energy 151
8.11 Formula diagram 152
8.12 Metrology 153
8.13 Diodes, relays, fuses 156
8.14 Batteries 159
8.15 Three-phase generator 162
8.16 Electric starter 170
8.17 Telemecanique switch 173
8.18 Inductive proximity switches 176
8.19 Angle sensors 177
8.20 Plug connectors 179
8.21 Magnetic coil plug 180
8.22 Deutsch plug, series DT and DTM 182
8.23 Plugs and terminals in spring clamping technology 189
8.24 Electric modules 192

Special tools, electrics **193**

9.1 Special tools, electrics 194

Electronic controls **203**

10.1 Machine 205
10.2 BEM, BOMAG Evib-meter 284

Air conditioning system **343**

11.1 Physical basics 344
11.2 Refrigerant R134a 347
11.3 Compressor oil / refrigeration oil 348
11.4 Working principle of the air conditioning system 349
11.5 Monitoring devices 349
11.6 Description of components 350
11.7 Checking the compressor oil level 356
11.8 Checking the magnetic clutch 357
11.9 Inspection and maintenance work 358
11.10 Servicing the air conditioning (summer operation) 358
11.11 Drying and evacuation 360
11.12 Emptying in case of repair 361
11.13 Leak test 361
11.14 Filling instructions 362
11.15 Trouble shooting in refrigerant circuit, basic principles 365
11.16 Trouble shooting, refrigerant circuit diagram 369
11.17 Trouble shooting procedure 370
11.18 Steam table for R134a 380

Engine **385**

12.1 Checking, adjusting the valve clearance 386

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

5.1 Special tools, tests and adjustments

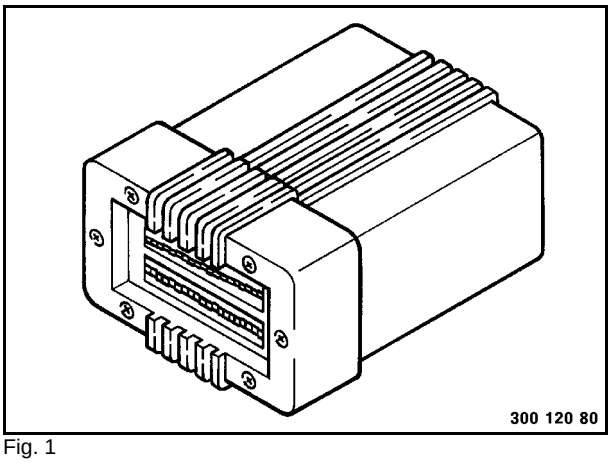


Fig. 1

1. Vibration reed frequency meter

   1000 - 4000 rpm

   17 - 67 Hz

   BOMAG part-no.: 300 120 80


Fig. 2

2. Sirometer (frequency meter)

   800 - 50.000 rpm

   14 - 750 Hz

   BOMAG part-no.: 059 710 02



Fig. 3

3. Anti-freeze tester, quick and accurate measuring, sturdy plastic housing, automatic temperature correction, no after-dripping, instructions for use on unit, reading down to -40 °C. Material: Plastic, Temperature range: down to -40 °C

   BOMAG part-no.: 050 100 75

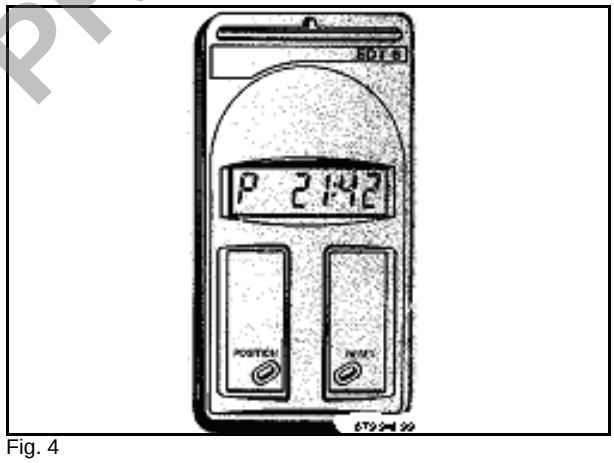


Fig. 4

4. Digital rpm-meter for petrol engines

   BOMAG part-no.: 079 948 99

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

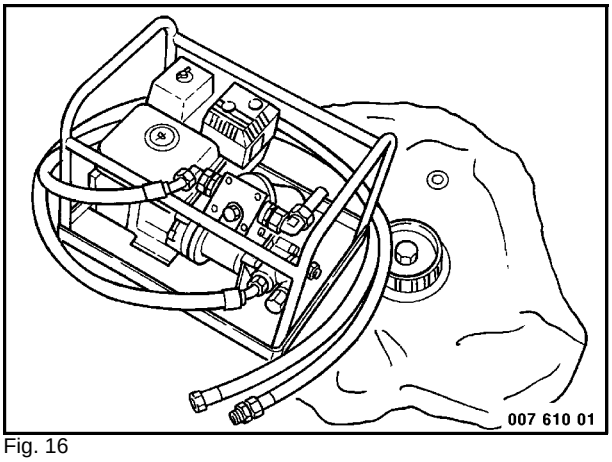


Fig. 16

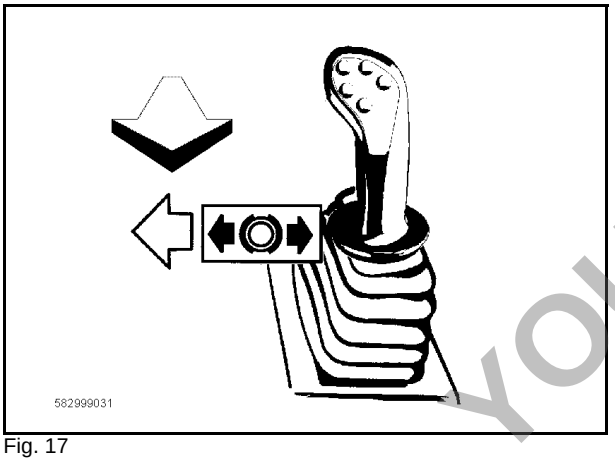


Fig. 17

i Note

If necessary remove the rubber wheels.

21. Secure the front drum with chocks .

i Note

Keep circulating the complete tank content with the filling and filtering unit throughout the entire flushing process.

⚠ Caution

Move the travel lever only to travel direction reverse, as otherwise the flushing filter will be subjected to oil flow from the wrong direction.

22. Start the engine, run it with maximum speed and shift the travel lever to travel direction reverse.
23. Run the flushing procedure for approx. 10 minutes. During this process keep changing the pump flow by shifting the travel lever several times between full and halve reverse travel.
24. Shut down the engine.
25. Remove the flushing filter and reconnect the high pressure lines.

Bleeding the travel circuit

i Note

Bleeding the travel circuit, see chapter "Bleeding the travel circuit".

Keep circulating the tank content.

26. After completing the bleeding process circulate the tank content with the filtering unit for another 15 minutes.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Types of current

Direct current (D.C.)

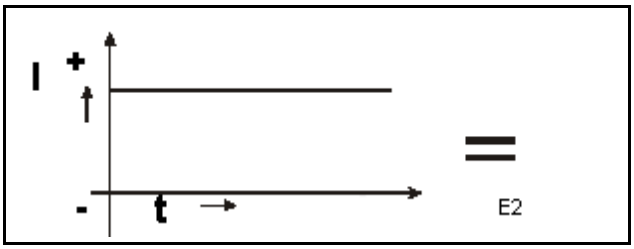


Fig. 1 Direct current (D.C.)

Direct current flows with steady voltage and amperage from the plus to the minus pole.

Pure D.C.-voltages are only delivered by accumulators or batteries.

The voltage in the vehicle wiring system is no pure D.C.-voltage. Even without the generator running, but the consumers switched on, the voltage is not constant, but drops gradually according to the battery charge condition.

The internal resistance of the battery also causes permanent changes in the vehicle voltage, as soon as consumers are switched on or off.

Alternating current (A.C.)

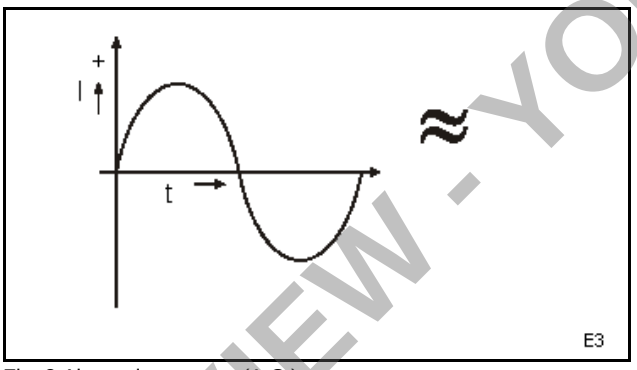


Fig. 2 Alternating current (A.C.)

Alternating current not only changes its direction, but also its amperage.

Pulsating direct current

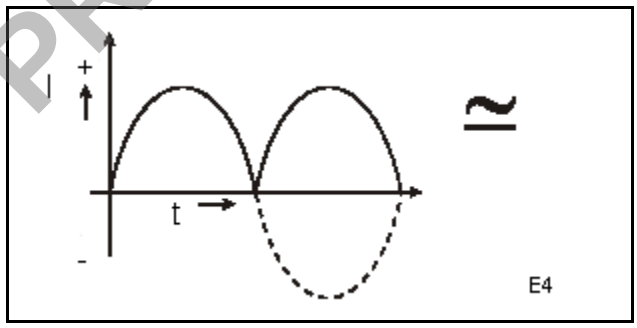


Fig. 3 Pulsating direct current

Converting alternating current into a direct current signal by means of a rectifier results in an pulsating direct current.

Pulse width modulation (PWM)

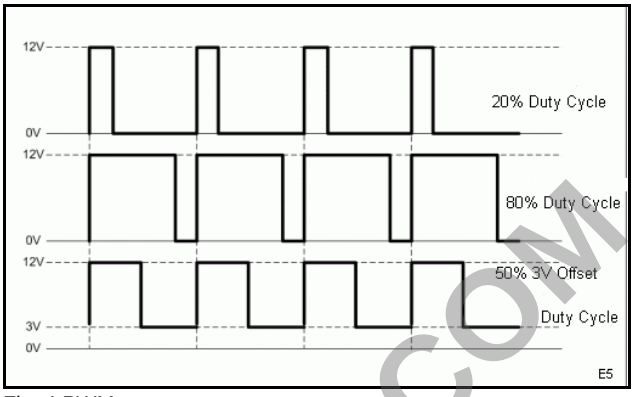


Fig. 4 PWM

The PWM signal is in most cases generated by a control and can be used to trigger proportional valves. The signal (square wave signal) is changed in its pulse control factor, the period, however, remains unchanged.

The following applies:

- The signal voltage cannot be measured.
- The current can be measured.

⚠ Caution

Solenoid valves must not be interference suppressed with suppressor diodes.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

X-COM System

The X-COM-SYSTEM, a synthesis of plug connector and series clamp, has grown up to a construction kit for universal system wiring, ever since it was introduced in 1997. All the familiar series clamping functions have thus become pluggable.

X-COM plug clamp

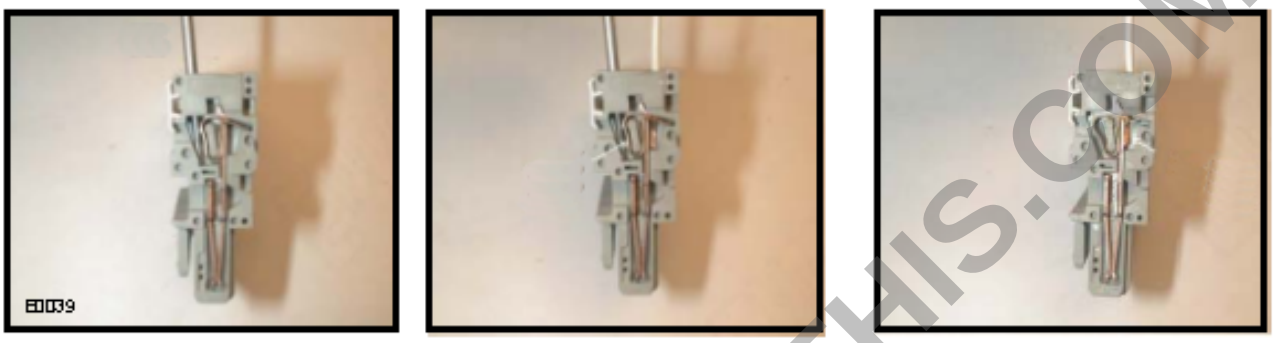


Fig. 6 That's how it works

That's how it works

- Insert a screw driver into the actuating opening until it bottoms.
- Strip 9-10 mm of the lead and insert it into the plug.
- Pull out the screw driver.

⚠ Caution

Perform a pull test on each lead, each of the terminals must withstand a pulling force of 45 N without any difficulties.



Fig. 7 X-COM plug with measuring cable

- The most reliable measurements on the plug can be made when using the measuring and connecting cable with 2mm plug (see special tools for electrics).

Measuring signals

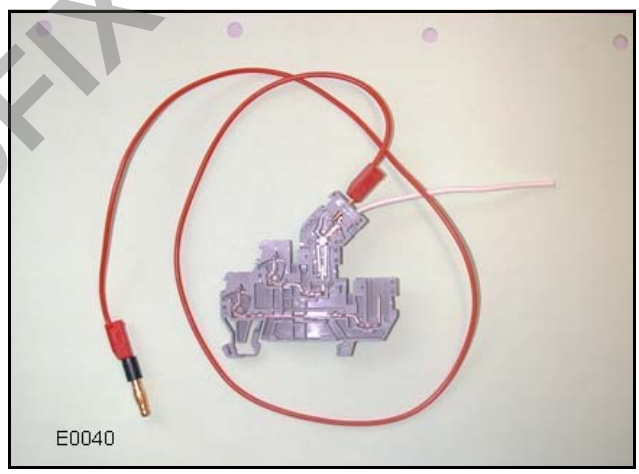


Fig. 8 X-COM plug plugged onto the series clamp

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

8.3 Description of signals on the travel lever

Notes:
Wherever the value of 12 V is mentioned in the following text, it refers to the current battery voltage under due consideration of voltage drops in the lines.

PIN travel lever	Signal description	Nominal values (voltage / current)
X23:1	Voltage supply (permanent voltage)	Electronics functioning ☞approx. 12 V Electronics not working ☞ 0 V
X23:2	Ground connection	0V (measured against ground)
X23:3	Output **BTS brake** Digital output (max. 4 A)	Brake opens ☞approx. 12 V Brake closes ☞ 0 V
X23:4	Output **BTS (not used)** Digital output (max. 4 A)	
X23:5	Output **voltage supply for additional analog evaluations** This output supplies the 24-stage travel range selector switch. This voltage is required to connect and evaluate further analog switches to the travel lever.	Nominal voltage = approx. 5.0 V Permissible range: approx. 4.8 - 5.2 V **This voltage must be measured against AGND.**
X23:6	Interface **CAN-Bus 2** Wire **+**, is used to communicate with ESX and engine EMR.	Measurement not possible!
X23:7	Interface **CAN-Bus 2** Wire **-**, is used to communicate with ESX and engine EMR.	Measurement not possible!
X23:8	**AGND** = Analogue ground: Ground potential for additional analog evaluations Reference to PIN X23:5	approx. 0 V measured against ground (terminal 31)
X23:9	Node address **addressing 1**	Connection to machine ground (0V)
X23:10	Node address **addressing 2**	Connection to machine ground (0V)
X23:11	Input **travel stage selector switch** Analog input	The voltage signal changes with the adjusted travel speed range Travel stage min. ☞ ?? V Travel stage max. ☞ ?? V
X23:12	Not used	---
X24:1	Input **low amplitude** Digital input active high	Low amplitude active ☞approx. 12 V Low amplitude inactive ☞ 0 V
X24:2	Input **high amplitude** Digital input active high	High amplitude active ☞approx. 12 V High amplitude inactive ☞ 0 V

PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com
BOMAG

10.2 BEM, BOMAG Evib-meter

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Fault code	Fault description	Possible cause	Terminal on ESX	Input code for diagnose	Fault reaction
4531	Position controller positive limit reached The exciter does not move to the desired direction or does not move at all.	☞ Supply and ground terminal on exciter potentiometer mixed up ☞ Valves for "Exciter up" and "Exciter down" mixed up ☞ MD+ input has 12 V potential, even though the engine is not running ☞ Air in hydraulic system, hydraulic pressure too low	X0:09 X0:37		2
4532	Position controller negative limit reached The exciter does not move to the desired direction or does not move at all.	☞ Supply and ground terminal on exciter potentiometer mixed up ☞ Valves for "Exciter up" and "Exciter down" mixed up ☞ MD+ input has 12 V potential, even though the engine is not running ☞ Air in hydraulic system, hydraulic pressure too low	X0:09 X0:37		2
4601	Input acceleration transducer 1 The voltage applied to the input is below the specified range (see signal description).	☞ Current path has no connection to +12 V / +8,5 V ☞ Current path connected to ground ☞ Transducer defective	X0:29, or X0:31		2
4602	Input acceleration transducer 1 The voltage applied to the input is above the specified range (see signal description).	☞ Current path connected to +12 V / +8,5 V ☞ Current path not connected to ground ☞ Transducer defective	X0:29, or X0:31		2
4606	Input acceleration transducer 2 The voltage applied to the input is below the specified range (see signal description).	☞ Current path has no connection to +12 V / +8,5 V ☞ Current path connected to ground ☞ Transducer defective	X0:30, or X0:07		2
4607	Input acceleration transducer 2 The voltage applied to the input is above the specified range (see signal description).	☞ Current path connected to +12 V / +8,5 V ☞ Current path not connected to ground ☞ Transducer defective	X0:30, or X0:07		2

PREVIEW - YOUFIXTHIS.COM

008 915 08
Download full manual at youfixthis.com
BOMAG
331

Other faults

Symptom	Cause	Possible effect	Remedy
Hot gas temperature too high, the hot gas line becomes so hot that it cannot be touched long with a hand	Lack of refrigeration oil	increased compressor wear	Refill refrigeration oil
Compressor does not start	Pressure switch or any other safety feature has triggered, electrical fault, cylinder filled with liquid refrigerant	System stopped	Check the control units, check cause for switching and rectify
Compressor switches continuously	Switching difference too small, triggering of a switching element (overpressure switch, low pressure switch), lack of refrigerant, fan defective, overfilled	Cycling of compressor, increased wear, too low cooling power	Check the control units, check cause for switching and rectify
Excessive overheating	Expansion valve deadjusted or screen blocked, lack of refrigerant	low cooling power, hot gas temperatures too high	Replace the expansion valve, clean the screen, fill in refrigerant, leak test
Hoarfrost on inlet side of evaporator	incorrectly working expansion valve, lack of refrigerant	too low infeed of refrigerant into the evaporator	Check the expansion valve, check the refrigerant filling
Evaporator fully covered with hoarfrost	Load problem, too low air flow volume	low cooling power of system	Clean the evaporator, check the evaporator fan
Fluid line is warm and shows condensation	Pressure drop in fluid line, filter dryer clogged	low cooling power	Eliminate the pressure drop, replace the filter dryer
Exceptionally cold pressure lines	"Wet intake" of the compressor due to insufficient overheating of evaporator	low cooling power, excessive wear of compressor	Clean the compressor, replace if necessary, replace the expansion valve if necessary

Noise in system

Faults	Possible cause	Remedy
V-belt loose or excessively worn	V-belt slips and generates noise	Retention or renew the V-belt
Magnetic clutch loud	Magnetic clutch runs until high pressure builds up, then the clutch starts to slip	Repair or replace the magnetic clutch
Refrigerant compressor is loud	Mounting bracket is loose, internal parts worn, low oil level in compressor	Repair the mounting bracket, replace the compressor, renew the refrigeration oil
Fan is loud, fan motor excessively worn		Replace the fan motor
Whistling and rattling noise in operation, noticeable unevenness when turning by hand	V-belt pulley and bearing worn	Replace the bearing, check V-belt pulley for wear
Rattling noise or vibration of high pressure line, knocking noise in compressor, ball in inspection glass floating at the top	System overfilled	Draw out refrigerant
Expansion valve loud	excessive moisture in system	Replace the dryer
Hissing noise in evaporator housing, on expansion valve, turbidity in inspection glass or ball does not float	refrigerant level in system too low	Perform a leak test, fill up the system

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

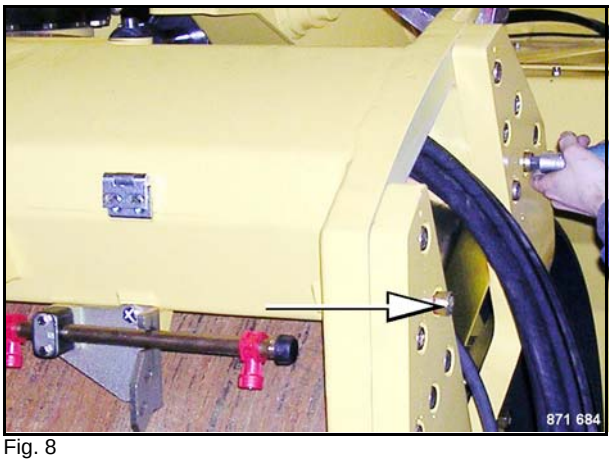


Fig. 8

10. Pull the hydraulic hoses out of the top of the support legs (Fig. 8).
11. Unscrew the top fastening screws from the support legs.



Fig. 9

12. Attach the lifting tackle to the support leg.
13. Unscrew the bottom fastening screws (Fig. 9) from the support legs.

⚠ Danger

Danger of squashing!

Do not stand or work under suspended loads!



Fig. 10

14. Take of the support leg and place it safely to the side. (Fig. 10).

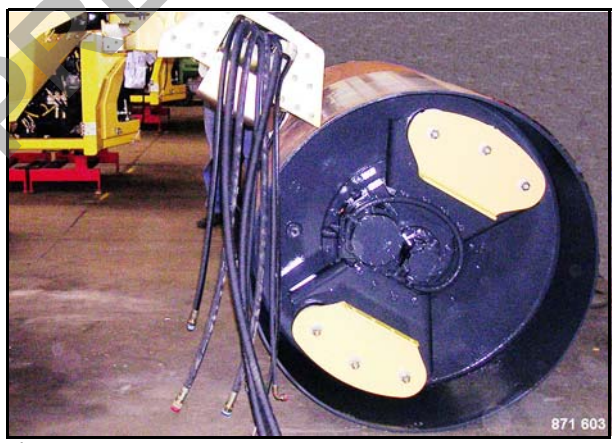


Fig. 11

15. Lift the machine up (Fig. 11), so that the drum can be removed from under the frame.
16. Support the frame safely.
17. Check rubber buffers, replace if necessary.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

⚠ WARNING **Risk of burns!**

The axial piston unit heats up during operation. The solenoids on the axial piston unit heat up during operation as well. Touching the axial piston unit or solenoids could result in severe burn injuries.

- Always allow the axial piston unit to cool down before touching it.
- Protect yourself by wearing heat-resistant gloves and protective clothing.

⚠ !DANGER! **Risk of toxication and injury**

While searching for leakages, escaping hydraulic fluid can penetrate the skin and cause severe toxication and injuries.

- Only search for leakages when the machine is switched off and depressurized.

⚠ WARNING **Risk of injury and damage**

Incorrectly connected components can cause severe malfunctions.

- Ensure that piping is connected according to the circuit diagram.
- Perform component-oriented functional tests.

⚠ !DANGER! **Fire hazard**

Hydraulic fluid is flammable.

- Keep open flames and ignition sources from the axial piston unit.

⚠ WARNING **Hearing damage**

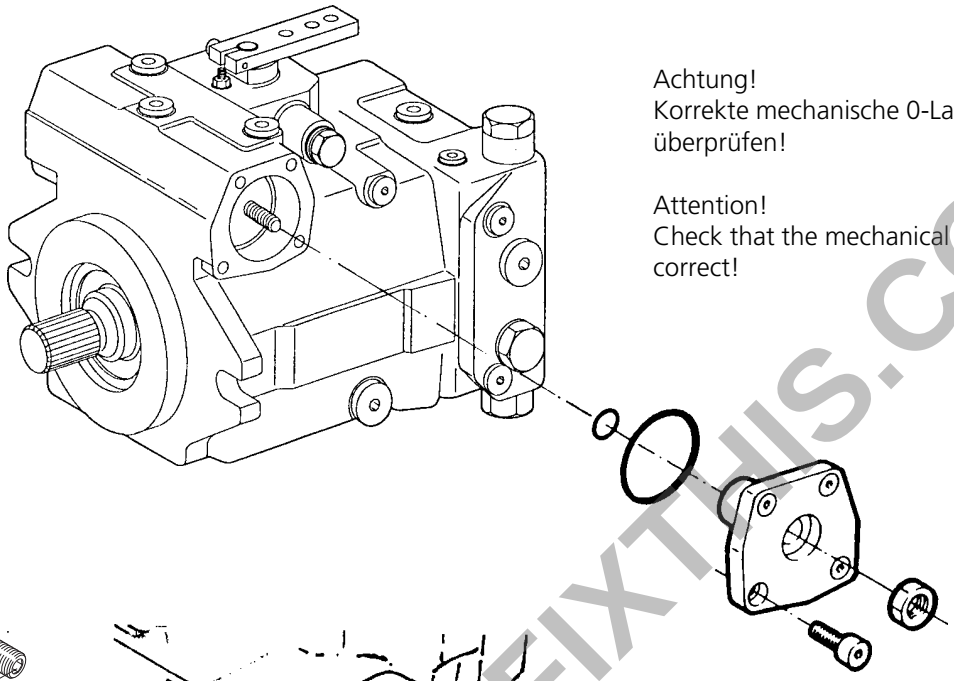
The noise emission of axial piston units depends on, among other factors, speed, operating pressure and installation conditions. You can be certain that the sound pressure level will rise above 70 dBA during normal application conditions. This may cause hearing damage.

- Always wear hearing protection while working in the vicinity of the operating axial piston unit.

PREVIEW - YOUFIXTHIS.COM

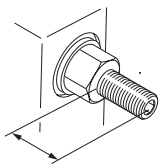
Download full manual at youfixthis.com

Stellkolbendeckel abdichten
Sealing of the control piston cover

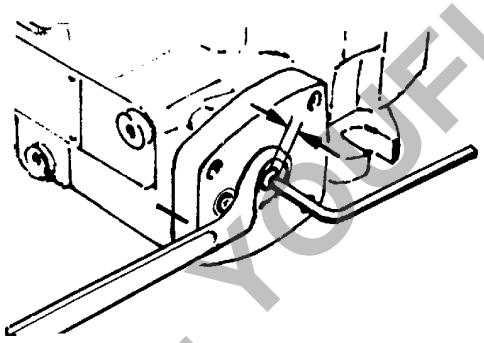


Achtung!
Korrekte mechanische 0-Lageneinstellung überprüfen!

Attention!
Check that the mechanical "0"-position is correct!

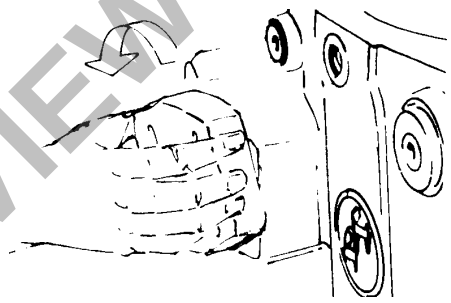


Maß X



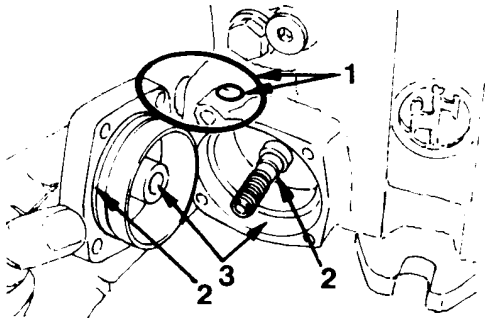
Kontermutter ausbauen, Stellschraube gegenhalten. Deckel kennzeichnen. Maß festhalten, Kontermutter lösen.

Remove lock unit, whilst holding the adjustment screw, mark the cover plate, ascertain the dimension, loosen locknut.



Deckel von Stellschraube "abschrauben".

Remove the cover from the adjustment screw by unscrewing it from the adjustment screw.



Kontrolle! O-Ring (1), Nut (2), Gehäuse und Deckel (3).
Achtung!
Korrekte mechanische 0-Lageneinstellung muß nach Einbau im Gerät bzw. Prüfstand erfolgen.

Check! O-ring (1), groove (2), housing with cover (3).
Attention!
The correct mechanical "0" position has to be adjusted after the unit has been built into the machine or on a test rig.

PREVIEW - YOUFIXTHIS.COM

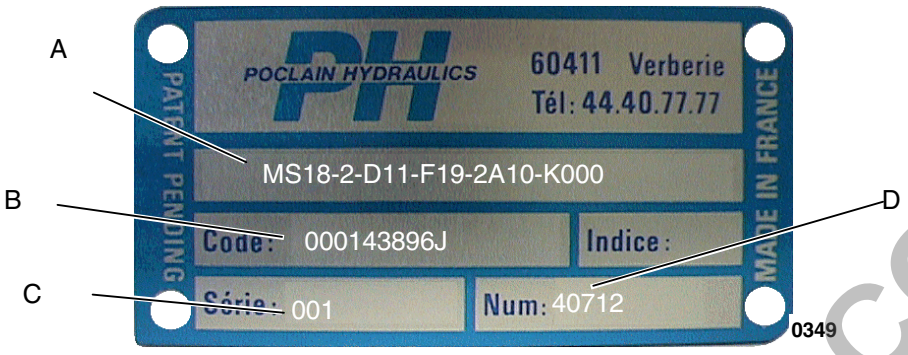
Download full manual at youfixthis.com

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Identifizierung des Bauteils

Identification of the component



A : Handelsbezeichnung:
Ex : MSE18-2-D11-F19-2A10-K000

B : Code : Artikelnr.:
Ex : 000143896J

C : Serie : Herstellungsnummer
Ex : 001

D : Num : Chronologische Ordnungsnummer
Ex : 40712

Bei sämtlichen Ersatzteilbestellungen müssen die Artikelnummer und die chronologische Ordnungsnummer angegeben werden.

A: Commercial description:
E.g : MSE18-2-D11-F19-2A10-K000

B: Code: Part number.
E.g : 000143896J

C: Series: Manufacturing batch number.
E.g : 001

D: Num: Chronological serial number.
E.g : 40712

The part number and the chronological serial number must be specified to order spare parts.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

S/N Hydraulic diagram 870 203 09

S/N 101 870 421 001 ⇔ 101 870 421 ... BW 174 ACP

PREVIEW - YOUFIXTHIS.COM

Blurred on purpose. The manual you buy has this page in full quality.

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 25 of 756 pages

The full manual includes:

- All 756 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Bomag BW 174 AP, BW 174 ACP Service Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual