10.3 Removing and installing the drum

Removing the drum

i Note

The procedures for the removal of front and rear drums are identical. The following instructions describe the removal of the front drum, however, the work steps apply also for the removal of the rear drum.

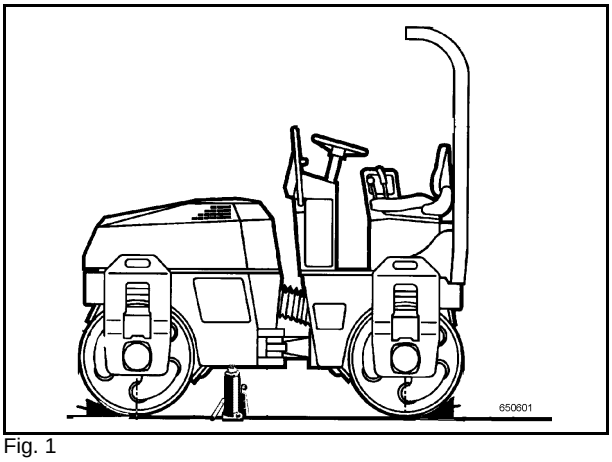


Fig. 1

1. Jack the the machine up (Fig. 1) and support it safely, so that the rubber buffers on the drive disc are unloaded.

⚠ Danger

Danger of accident!

Block front and rear drums with wedges against rolling!

Do not work in the articulation area of the roller while the engine is running.

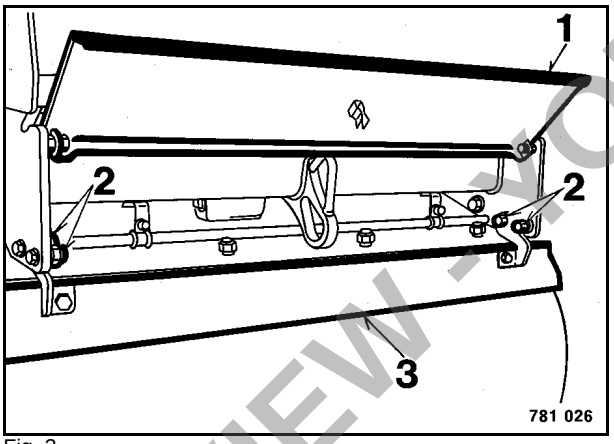


Fig. 2

⚠ Caution

Do not start the engine during repair work!

2. Open flap 1 (Fig. 2).
3. Unscrew the hexagon screws (2) to remove the scrapers (3).

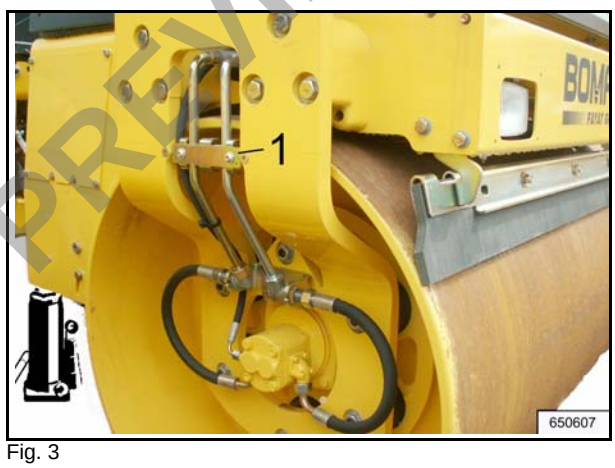


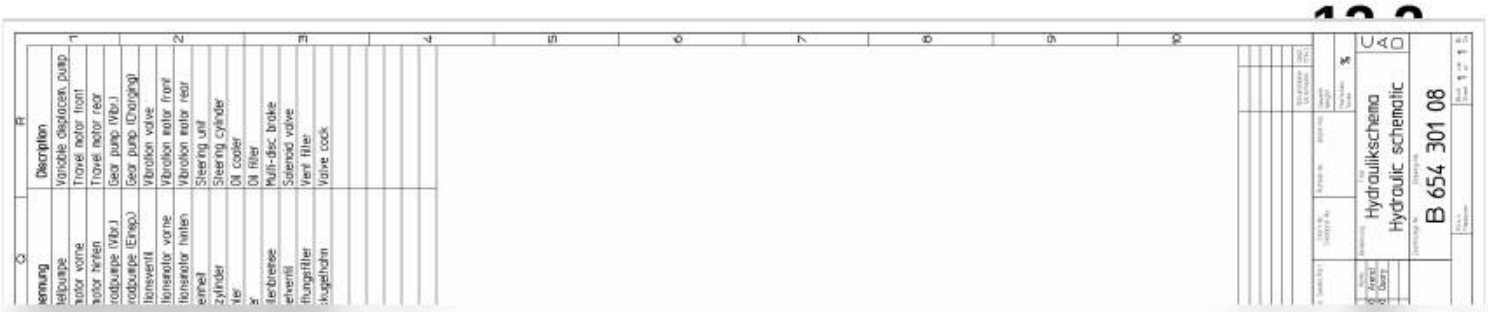
Fig. 3

Vibration motor side

4. Disassemble the bracket 1 (Fig. 3).

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

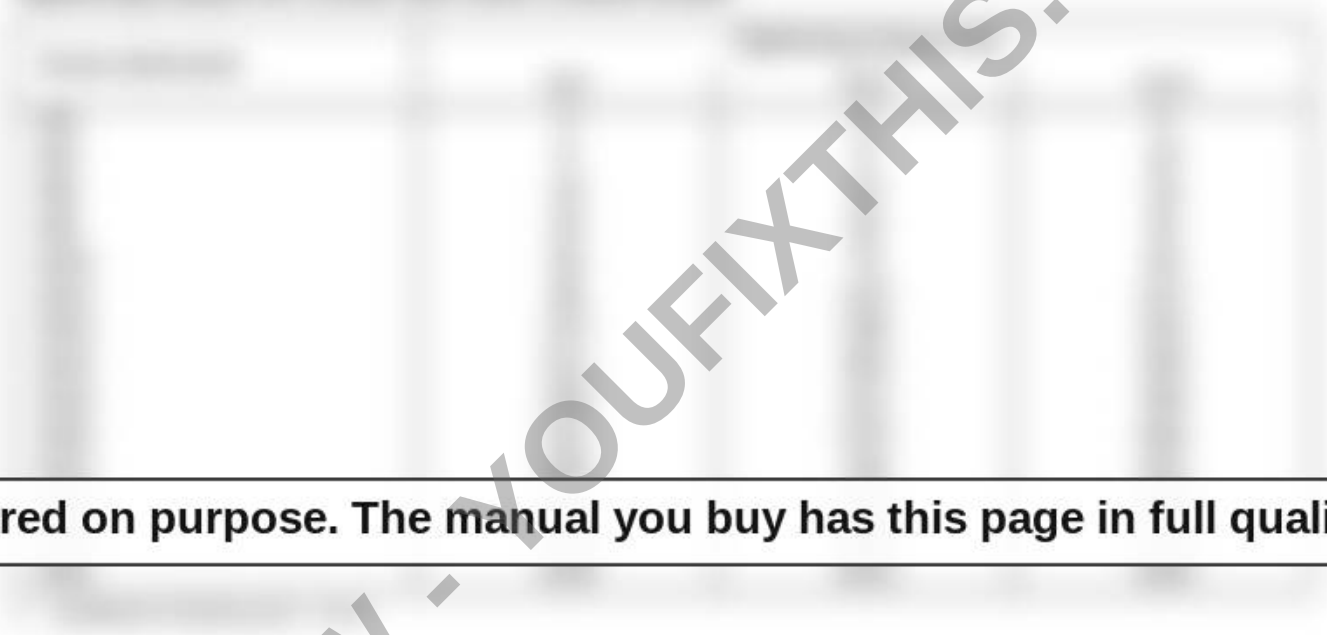
PREVIEW - YOUFIXTHIS.COM

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



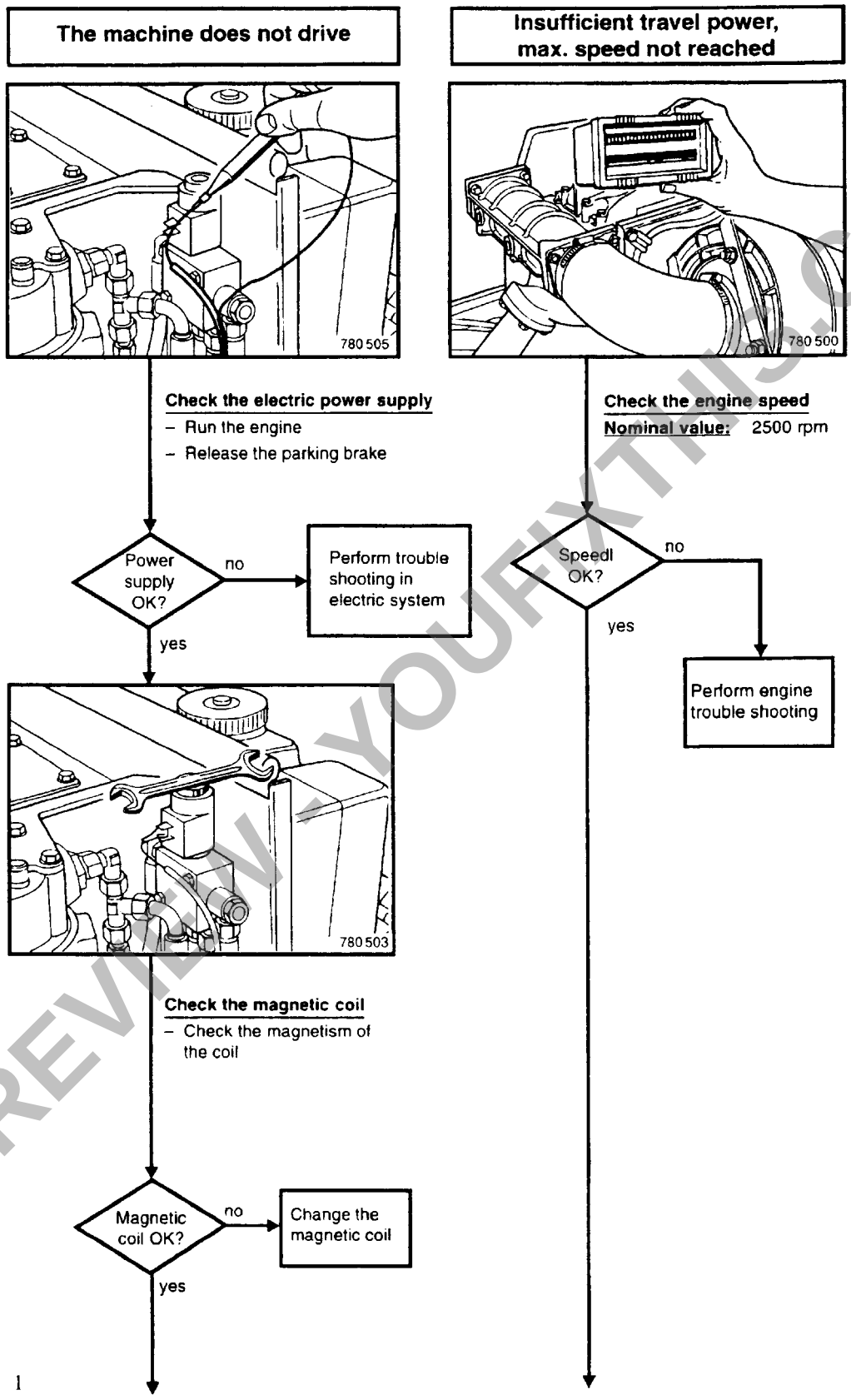


PREVIEW - YOUFIXTHIS.COM

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

Download full manual at youfixthis.com

5.2 Trouble shooting diagram



PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

2.5 Maintenance chart

With all maintenance intervals perform also the work for shorter preceding service intervals.

No.	Designation	Note
Every 10 operating hours		
5.6	Check the engine oil level	Observe the dipstick marks
5.7	Checking the dry air filter	
5.8	Check the hydraulic oil level	Observe the dipstick marks
5.9	Checking the hydraulic oil filter element	
5.10	Check the fuel level	
5.11	Checking the water level in the sprinkler system	Winter: Anti-freeze mixture
Every 50 operating hours		
5.12	Checking the emulsion level	
5.13	Grease the articulated joint	High pressure grease
Every 250 operating hours		
5.14	Clean cooling fins and engine oil cooler	
5.15	Cleaning the hydraulic oil cooler	
5.16	Adjust the scrapers	
Every 500 operating hours		
5.17	Service the battery	distilled water, pole grease
5.18	Drain the sludge from the fuel tank	
Every 1000 operating hours		
5.19	Changing the engine oil (at least 1x per year)**	Observe the dipstick marks
5.20	Change the engine oil filter cartridge	
5.21	Checking the valve clearance	
5.22	Check the V-belt tension	
5.23	Change the fuel pre-filter cartridge	
5.24	Change the fuel filter cartridge	
Every 2000 operating hours		
5.25	Change the hydraulic oil*** screen filter (at least after 2 years)	Observe the dipstick marks
5.26	Change the hydraulic oil filter element****	
Every 3000 operating hours		
5.27	Check the injection valves	
Every 5000 operating hours		
5.28	Replace toothed belts, timing belt and toothed belt for hydraulic pump	at the latest after 5 years

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

General **5**
1.1 Introduction 6
1.2 Safety regulations 7
1.3 General repair instructions 11
1.4 Tightening torques 19
Maintenance **23**
2.1 General notes on maintenance 24
2.2 Fuels and lubricants 25
2.3 Table of fuels and lubricants 27
2.4 Running-in instructions 28
2.5 Maintenance chart 29
Technical data **31**
3.1 Technical data 32
Tests and adjustments **39**
4.1 Special tools, tests and adjustments 40
4.2 Checking the rotation speeds 44
4.3 Pressure tests in the travel circuit 46
4.4 Checking / adjusting the neutral positions of the travel pump (Sauer pump) 48
4.5 Pressure tests in the vibration circuit 51
4.6 Checking the leakage rate of the vibration motor 52
4.7 Pressure test in steering circuit 53
Trouble shooting **55**
5.1 General 56
5.2 Trouble shooting diagram 57
Fundamental electrics **71**
6.1 Understanding circuit diagrams 72
6.2 Terminal designations 76
6.3 Current and voltage 80
6.4 Resistance 84
6.5 Series / parallel connection 86
6.6 Ohm's law 88
6.7 Electrical energy 88
6.8 Formula diagram 89
6.9 Metrology 90
6.10 Diodes, relays, fuses 92
6.11 Batteries 95
6.12 Three-phase generator 98
6.13 Electric starter 106
6.14 Telemecanique switch 109
6.15 Inductive proximity switches 112
6.16 Angle sensor with current output 113
6.17 Plug connectors 114
6.18 Deutsch plug, series DT and DTM 115
6.19 Plugs and terminals in spring clamping technology 121
Special tools, electrics **125**
7.1 Special tools, electrics 126

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

Table of Contents

Machine related electrics **135**

8.1 Vibration module 137
8.2 Module A68 141

Flushing and bleeding **155**

9.1 Special tools for flushing 156
9.2 Flushing - general 161
9.3 Flushing schematic for front drum drive 163
9.4 Flushing the front drum drive 164
9.5 Flushing schematic for rear drum drive system 168
9.6 Flushing the rear drum drive 169
9.7 Flushing schematic, rear wheel drive motors 173
9.8 Flushing the rear wheel drive 174
9.9 Flushing schematic for vibration drive 178
9.10 Flushing the vibration circuit 179
9.11 Bleeding the travel circuit 181

Drum **183**

10.1 Special tools 184
10.2 Repair overview for drum 186
10.3 Removing and installing the drum 188
10.4 Dismantling the drum 191
10.5 Assembling the drum 197

Oscillating articulated joint **205**

11.1 Special tools, oscillating articulated joint (BW100/120 family) 206
11.2 Repair overview Oscillating articulated joint 207
11.3 Removing and installing the oscillating articulated joint 210
11.4 Dismantling the oscillating articulated joint 212
11.5 Assembling the oscillating articulated joint 215

Suppliers documentation **221**

12.1 Travel pump A10VG28 ....63 223
12.2 Travel pump series 42 281
12.3 Drum drive MK05/08/11/18 319
12.4 Wheel drive MS/MSE 02...18 381

Circuit diagrams **431**

13.1 Wiring diagram 433
13.2 Hydraulic diagram 449
13.3 Hydraulic diagram 453
13.4 Hydraulic diagram 457

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

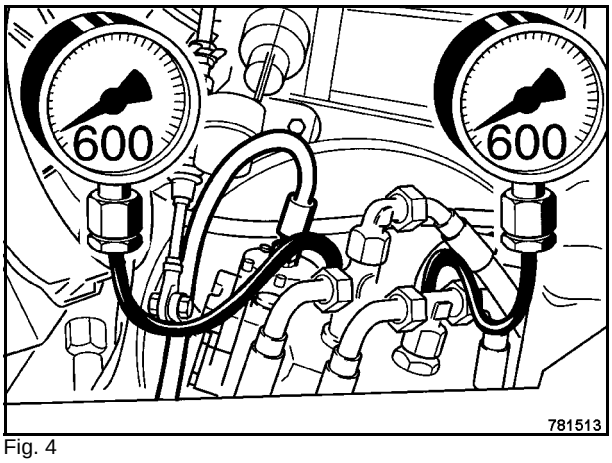


Fig. 4

6. Connect 600 bar pressure gauges to high pressure test ports MA and MB (Fig. 4).

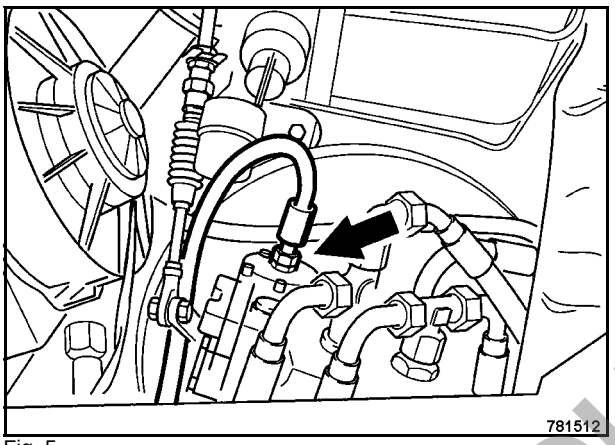


Fig. 5

7. Connect both control chambers (Fig. 5) with a hose.

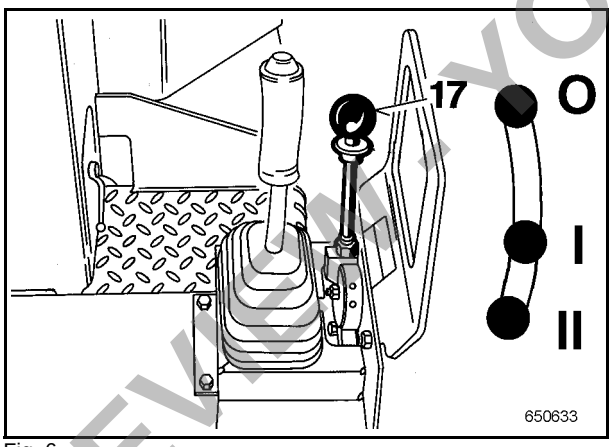


Fig. 6

8. Start the diesel engine, shift the throttle lever 17 (Fig. 6) to max. speed position and read the pressure gauges.

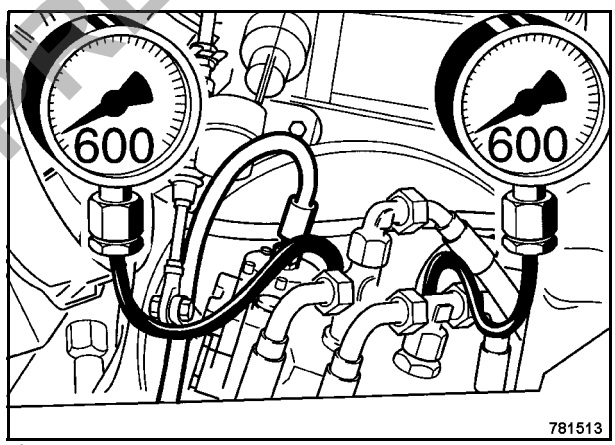


Fig. 7

Nominal value:

Both pressure gauges (Fig. 7) must show identical pressure.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

6.11 Batteries

Battery – accumulator

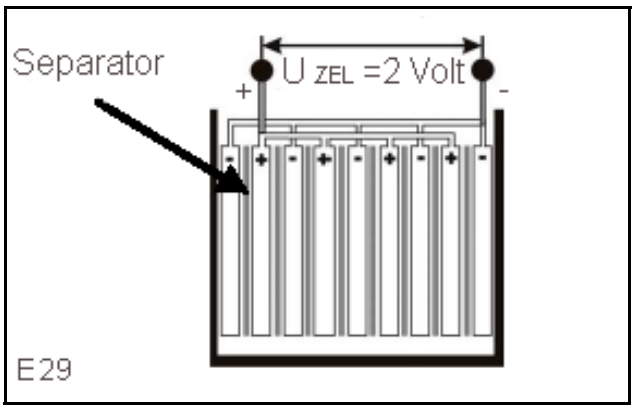


Fig. 1

In vehicles batteries are used to start the engine. The ability to start the engine depends on the charge condition of the batteries.

Lead collectors or accumulators are secondary elements, i.e they can be recharged after discharging electric current.

The basic element of a lead accumulator is the cell. It contains the plate blocks consisting of positive and negative plates. These plates are separated from each other by separators.

All positive plates are arranged parallel to the plus pole, the negative plates parallel to the minus pole of the cells.

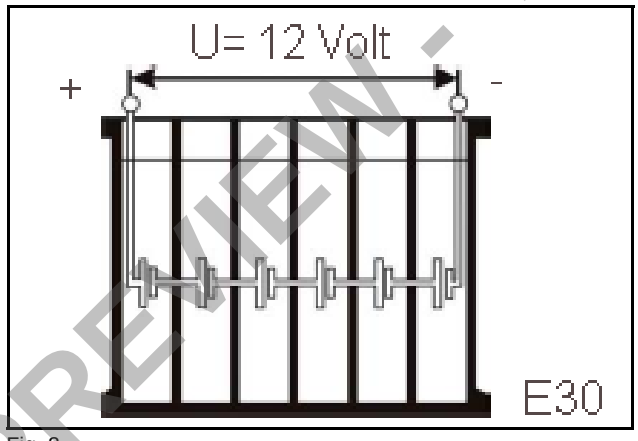


Fig. 2

All cells are filled with a conductive fluid, the electrolyte. For a 12 Volt battery 6 cells are connected in series.

Capacity

is a synonym for the amount of current taken up and discharged by a battery over a specified period of time.

Battery maintenance

i Note

Maintenance free batteries are gaining more and more significance, this freedom from maintenance, however, is only limited to the fact that no water needs to be added.

If the battery is not charged and discharged over a longer period of time, the battery will slowly discharge by itself.

The accumulator may only be discharged down to a final discharging voltage of 10.5 Volt, as otherwise there is a risk of sulphation, i.e. the generated lead sulphate forms increasingly coarser crystals, which will finally not react at all or only very sluggishly during a subsequent charging process.

In the worst case the accumulator can only be disposed of after such an exhaustive discharge.

The following therefore applies for longer downtimes:

- Remove the battery and store it in a cool, dry and frost protected room.
- Check the open circuit voltage on the battery at regular intervals (at least once every month).
- Recharge immediately if the open circuit voltage has dropped to 12.25 Volt (no rapid charging).

i Note

The open circuit voltage of batteries occurs approx. 10 h after the last charging or approx. 1 h after the last discharge.

Battery test in general

- Is the battery leaking? Can traces of impact, shock or compression be found in the leaking area?
- Check for e.g. incorrect fastening, foreign bodies on the battery mounting surface and similar.

Testing batteries with screw plugs

Checking the acid density:

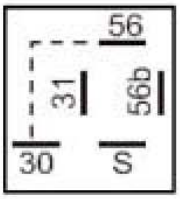
- The cells are filled with diluted sulphuric acid as electrolyte (approx. 25 Vol% sulphuric acid in distilled water), also referred to as accumulator acid, which has a density of 1.285 kg/dm^3 at a temperature of +27° Celsius. This means that one litre of electrolyte has a weight of 1.285 kg. As the cell is being discharged lead sulphate (PbSO4) will form on both electrodes and the electrolyte will increasingly change to water. Since water has a lower specific weight than diluted sulphuric acid the density of the electrolyte will also drop during the discharge and with a fully discharged cell and a temperature of 27°C it will only be 1.18 kg/dm^3.
- With a lead cell the acid density is therefore a measure for the charge condition. This characteristic is used to determine the charge condition of a lead

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

BOMAG 14.12.2004





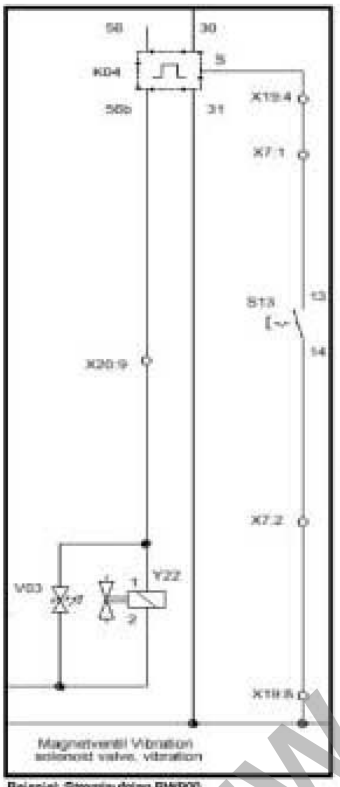
30 = 15/54

31 = Masse / Ground

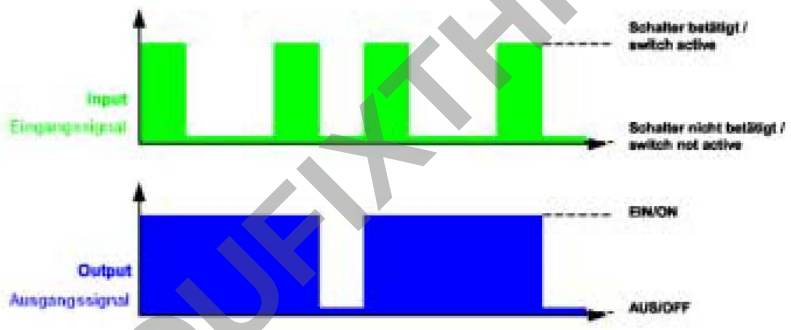
56 = 15/54

56b = Ausgang / Output max. 4,5 A

S = Eingangs-Impuls / Input impulse



Beispiel: Stromlaufplan BW900
Example: circuit diagramm BW900



Description

This module is an electronic toggle relay for 12 and 24 Volt. A ground switching pulse on Pin *(S)* sets the output *(56b)* (operating voltage applied to the output). The next pulse resets the output (56b) (no operating voltage applied to the outlet). If the operating voltage (15/54) is switched off, the output will remain dead when switching on again.

Description

Here this modul it concerns an electronic toggle relay for 12 volt and 24 volt. By an impuls (ground potential) at pin (S) the output (56b) is set (supply voltage is on the output) and reset (no supply voltage is on the output) by the next impulse. If the supply voltage is switch off, then there is no output signal after the resetting.

E:\Bauteile_Datenblaetter_mit_TN\STW\05766734\05766734_Technische Beschreibung.doc Alexander Hehner / TE 2 / 2

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

10.2 Repair overview for drum

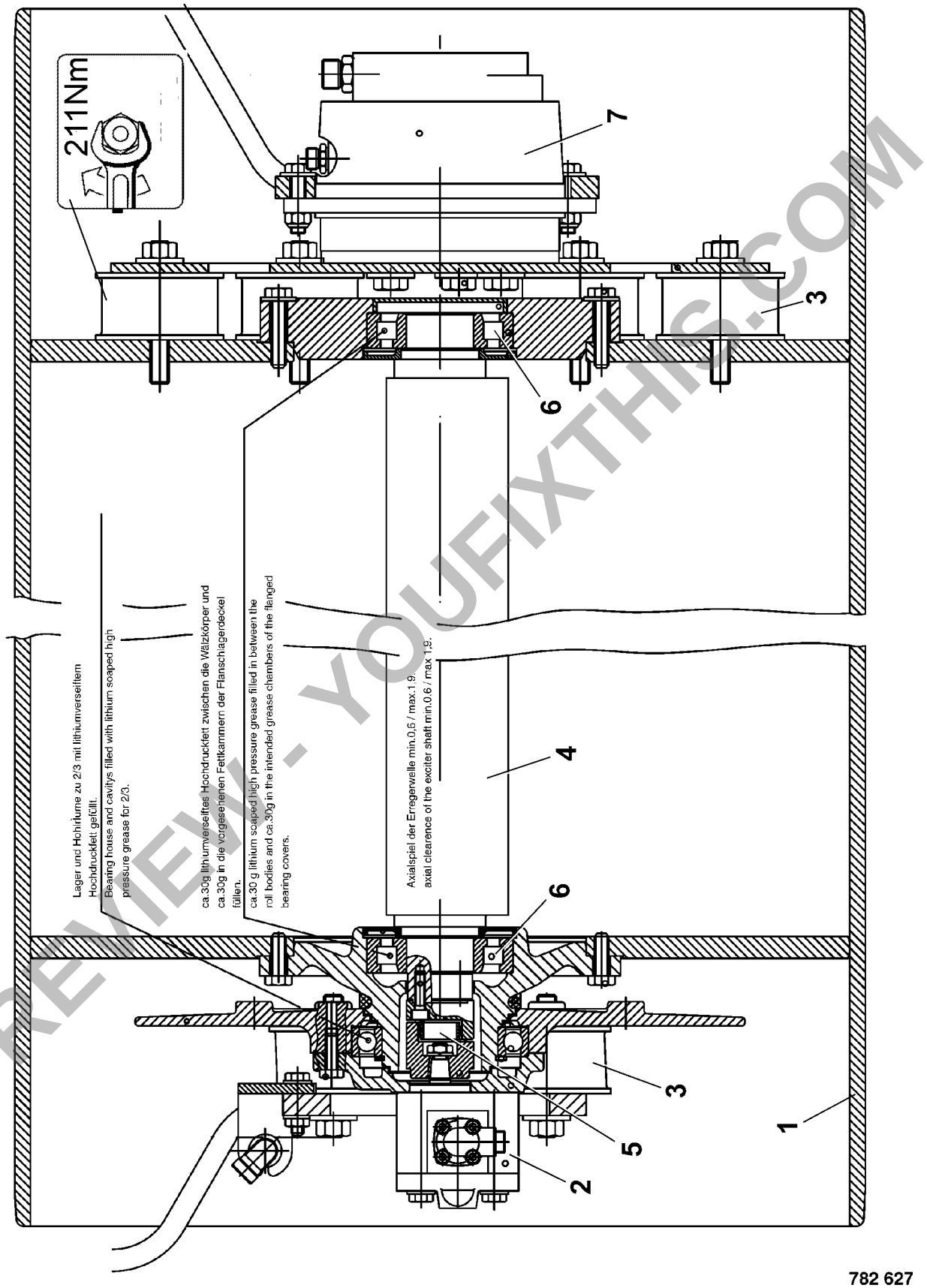
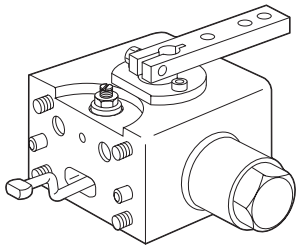


Fig. 1

PREVIEW - YOUFIXTHIS.COM

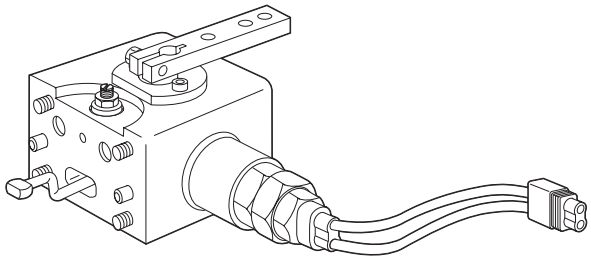
Download full manual at youfixthis.com

Dichtsätze und Baugruppen
Seal kits and sub-assemblies



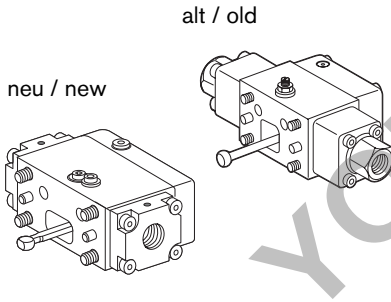
Ansteuergerät **HW**

Control unit **HW**



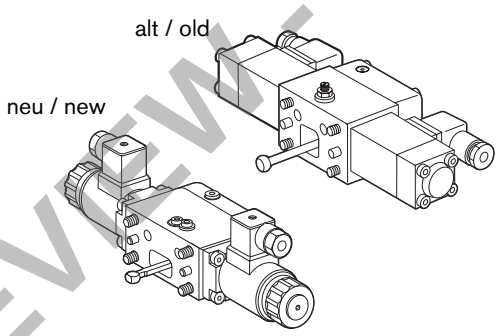
Ansteuergerät **HW** mit Nullagenanzeige

Control unit **HW** with zero indicator



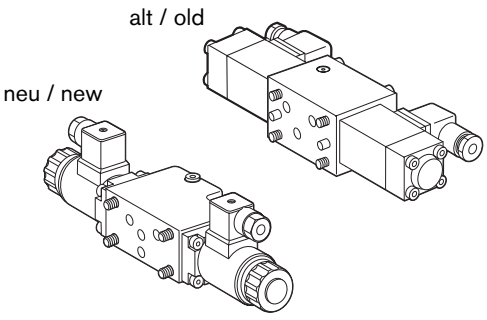
Ansteuergerät **HD**

Control unit **HD**



Ansteuergerät **EP**

Control unit **EP**



4/3 Wegeventil **DA**

Control unit **DA**

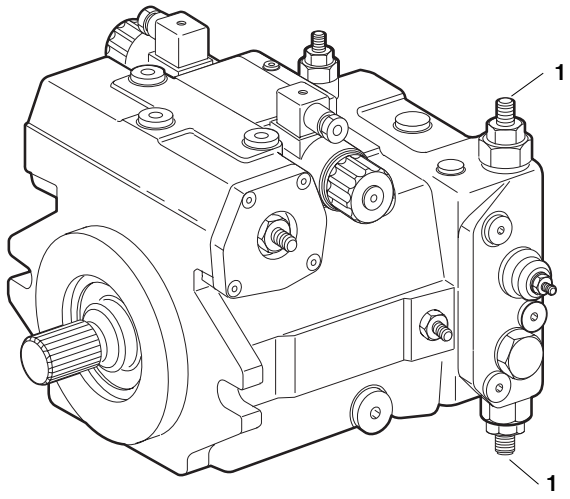
PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Einstellhinweise - Bypassventil DA

Adjustment instructions - Bypass valve DA

A10VG 28-45
DA-Control



Fahrzeuge mit rein-hydrostatischem Fahrantrieb bzw. mit hydrostatischem Fahrantrieb und Schaltgetriebe ohne Leerlaufstellung (Freilauf).

Hydrostatischer Antrieb / Bypaß-Schaltung

In diesem Fall wird der Fahrantrieb auf freien Umlauf geschaltet. Zu diesem Zweck haben die in der Verstellpumpe integrierten Hochdruckbegrenzungsventile eine sogenannte Bypaß-Funktion. D.h. durch Drehen der entsprechenden Schraube (Pos.1) wird der Ventil-Einsatz so entspannt, daß ein freier Öl-Umlauf möglich ist.

⚠ Bypass: Pos.1 einschrauben bis Schraube am Federteller anliegt.
Maximal **1/2** Umdrehung weiter drehen.

Schleppgeschwindigkeit
Die maximale Schleppgeschwindigkeit sollte 2 km/h nicht überschreiten.

- Höhere zulässige Schleppgeschwindigkeiten sind abhängig von der Hydromotordrehzahl bzw. dem eingelegten Gang.

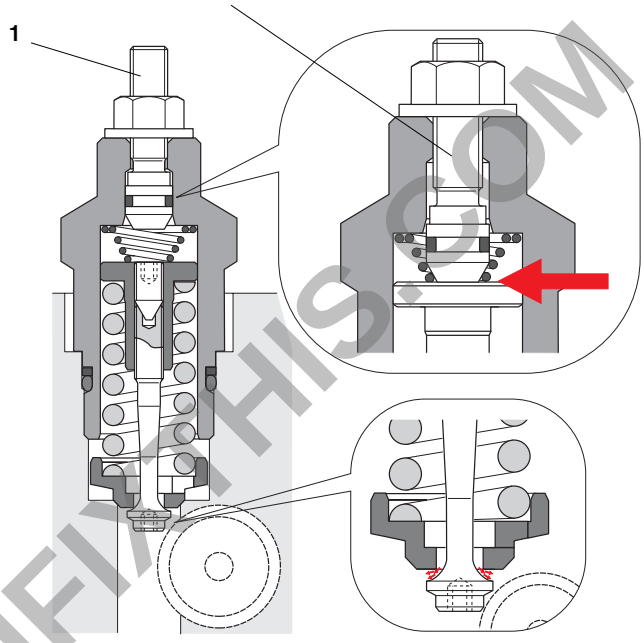
Abschleppdistanz
Die Schleppentfernung sollte 1 km nicht überschreiten.

Bei fehlender Einspeisung entleert sich der Hydraulik-Kreislauf.
Zu beachten ist die Wärmeentwicklung im Hydromotor-Triebwerk.

Abschleppvorgang beendet
Nach beendetem Abschleppvorgang Pos.1 zurückdrehen. Der ursprüngliche Einstellwert der Hochdruckventile liegt somit wieder vor.

⚠ Ventilfunktion: Pos.1 zurückschrauben bis Anschlag.
Mutter anziehen.

Bypass: Pos.1 einschrauben bis Schraube am Federteller anliegt.Schraube maximal **1/2** Umdr. weiterdrehen!
Bypass: Screw in item 1 until contact, max **1/2** turn more.



Vehicle with hydrostatic transmission and gear shift without idling setting position (free wheeling).

Hydrostatic transmission / Bypass-switching

In this case the travel transmission is switched on to free wheeling.For this purpose the variable displacement pump has incorporated high pressure relief valves with bypass function. The screw (item 1) is unscrewed to such an extent, that the valve cartridge is released and free oil circulation is possible.

⚠ Bypass: Screw in item1 until contact,
Max. **1/2** turn more.

Towing speed
The max. towing speed of 2 km/h should not be exceeded.

- Higher admissible towing speeds depend on the avaiable hydr. motor speed and engaged gear shift.

Towing distance
The towing distance should not exceed 1 km.

- If there is a lack of oil boosting, the hydraulic circuit will get empty.
  Take care of the heat development in the hydr. motor-rotary group.

Towing operation terminated
After termination of the towing operation turn item 1 back. The original pressure value setting of the high pressure relief valves will be avaiable again.

⚠ Valve function: Screw back item 1 up to stop.
Screw up the nut.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Ce document s'adresse aux constructeurs des machines qui intègrent les produits **POCLAIN-HYDRAULICS.** Il préconise les processus que les constructeurs peuvent mettre en œuvre pour réparer ces produits à l'issue de la période de garantie.

Il est recommandé que toutes les opérations soient effectuées par des techniciens ayant bénéficié de la formation adéquate**.** Les techniciens doivent avoir lu et compris les informations figurant dans ce document et avoir été habilités par le constructeur de la machine.
Ces techniciens devront impérativement observer les directives de sécurité et de protection contre les accidents.

Ce document inclut des remarques importantes concernant la sécurité. Elles sont mentionnées de la manière suivante:



Remarque de sécurité.

Ce document inclut également des instructions essentielles au fonctionnement du produit ainsi que des informations générales. Elles sont mentionnées de la manière suivante:



Instruction essentielle.



Information générale.

POCLAIN HYDRAULICS est concepteur de produits que ses clients intègrent aux machines qu'ils conçoivent. De ce fait, ***POCLAIN HYDRAULICS*** ne peut être tenu pour responsable des conséquences liées à la mauvaise intégration de ses produits, ni des conséquences pouvant résulter du mauvais paramétrage de leurs dispositifs réglables. De la même manière, ***POCLAIN HYDRAULICS*** ne peut être tenu pour responsable d'instructions d'utilisation et de maintenance erronées ou incomplètes qui auraient été communiquées par les constructeurs de machines aux utilisateurs finaux ni d'incidents qu'aurait engendrés quiconque ayant appliqué les processus préconisés dans ce document.
Toute modification de paramétrage des dispositifs réglables peut nécessiter une nouvelle homologation des machines.

Dans le but d'offrir le meilleur service, ***POCLAIN HYDRAULICS*** recommande à ses clients de lui faire approuver chaque application.

L'ouverture des produits conduit à la perte de la garantie. N'utilisez que des pièces de rechange d'origine ***POCLAIN HYDRAULICS***. Le montage de pièces d'origine différente pourrait nuire au fonctionnement du composant et du système et à la sécurité.

Soucieux d'améliorer ses fabrications, ***POCLAIN HYDRAULICS*** se réserve le droit d'apporter sans préavis, toutes les modifications qu'il jugerait utile aux produits décrits dans ce document.

Ce document contient des sections en langue Française et des sections imprimées en italique constituant leur traduction en langue Anglaise. En cas de contestation, les sections en langue Française feront foi. Les mesures sont exprimées en unités métriques. Les correspondances à d'autres systèmes de mesure (notamment anglo-saxons) sont données à titre indicatif.

© *POCLAIN HYDRAULICS Industrie* 1998.
La marque ***POCLAIN HYDRAULICS*** est la propriété de ***POCLAIN HYDRAULICS S.A.***
Ce document est la propriété de ***POCLAIN HYDRAULICS Industrie***.
Il est strictement confidentiel. Il ne doit pas être utilisé, reproduit, copié ou divulgué à un tiers en totalité ou en partie sans notre accord écrit préalable.

FACOM est une marque déposée de **FACOM SA**
LOCTITE est une marque déposée de **LOCTITE SA**.
AUTO-TOP est une marque déposée de **AGIP SPA**.

*This document is provided to machine manufacturers integrating **POCLAIN-HYDRAULICS** products.. It suggests processes that manufacturers may utilize to repair products after the warranty period.*

It is recommended that all operations be performed by technicians trained accordingly. The technicians should read and understand the information given in this document and be authorised by the machine manufacturer.
It is essential that the technicians comply with safety instructions to prevent injury.

This document includes major safety warnings announced in this way:



Safety warning.

Additionally, this document includes instructions essential to product function as well as those providing general information. Both are announced similar to the following examples:



Essential instruction.



General information.

POCLAIN HYDRAULICS *designs products that are integrated by its customers in the machines they design. Subsequently* ***POCLAIN HYDRAULICS*** *disclaims liability for consequences of improper integration of its products and of improper set-up of adjustable devices. In the same way,* ***POCLAIN HYDRAULICS*** *may not be liable for incomplete or improper operating and maintenance instructions provided to the end user by the machine manufacturer nor for failures resulting from operations performed by any person using these suggested procedures.*

A re-certification of the machine may be required for every change in set-up of adjustable devices.

In order to offer the best quality service, ***POCLAIN HYDRAULICS*** *recommends to its customers to have applications approved by* ***POCLAIN HYDRAULICS.***
Opening of products voids the warranty contract.
Use only ***POCLAIN HYDRAULICS*** *genuine spare parts. Using parts from different sources could reduce the performance of the product and pose a safety hazard..*

In accordance with its policy of continuous improvement, ***POCLAIN HYDRAULICS*** *reserves the right to modify the specifications of all products described herein without prior notice.*

This document contains sections written in French and sections printed in italics composing the English translation of the French sections.
The French sections will be the reference in case of dispute.
All measures are expressed in metric units. Converted values to other systems (notably US and UK) are given for reference only.

*© **POCLAIN HYDRAULICS Industrie** 1998.*
*The trademark **POCLAIN HYDRAULICS** is the property of **POCLAIN HYDRAULICS S.A.***
*This document is the property of **POCLAIN HYDRAULICS Industrie.***
It is strictly confidential. It must not be used, duplicated, copied or disclosed to a third party in full or in part without our prior written consent.

***FACOM** is **FACOM SA**. registered trademark*
***LOCTITE** is **LOCTITE SA**. registered trademark*
***AUTO-TOP** is **AGIP SPA**. registered trademark*

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Pièces de rechange

Pour toute commande de pièce de rechange, indiquer le code-article et le numéro d'ordre chronologique du moteur hydraulique ainsi que le numéro de repère de la pièce (voir figure 0349 page 5).

REPERE		DESCRIPTION
○	001	Pochettes de joints
○	003	Pochettes de joints (MK05AX)
●	010	Bloc cylindre équipé
	011	Bloc cylindre
	012	Piston équipé Cl 0.
	013	Piston équipé Cl 1.
	015	Kit de réparation
	026	Came
	027	Bague d'étanchéité (MK05, MK08, MK11)
	027	Joint torique (MK18, MKE18)
	032	Bouchon
	033	Joint torique
●	040	Couvercle équipé
	041	Couvercle
	042	Vis
	043	Rondelle d'étanchéité
	044	Vis
	045	Joint torique (MK05, MK08, MK11)
	047	Glace
	048	Pochette de joints distribution
	049	Bouchon (MK05)
	050	Goupille (MK05, MK05AX, MK08)
	050	Bouchon (MK11, MK18, MKE18)
	051	Rondelle élastique (MK05, MK05AX, MK08)
	052	Ressort (MK11, MK18, MKE18))
	053	Tiroir (MK11, MK18, MKE18)
	054	Rondelle (MK11, MK18, MKE18)
	055	Anneau d'arrêt (MK11, MK18, MKE18)
	056	Ressort (MK11, MK18, MKE18)
	057	Joint torique (MK11, MK18, MKE18)
	059	Joint torique (MK11, MK18, MKE18)
●	060	Plaque de fermeture équipée
	062	Anneau élastique (MK05AX)
	063	Joint torique (MK05)
	064	Bouchon (MK05, MK05AX, MK11)
	065	Joint torique (MK05, MK05AX, MK11)
	066	Vis
	067	Bague d'étanchéité (MK18, MKE18)
	068	Plaque de fermeture (MK05, MK05AX)
	069	Bouchon (MK11)
●	070	Palier équipé
	078	Bague d'étanchéité (MK18, MKE18)
	082	Bouchon (MK18, MKE18)
	085	Joint (MK18, MKE18)

Spare parts

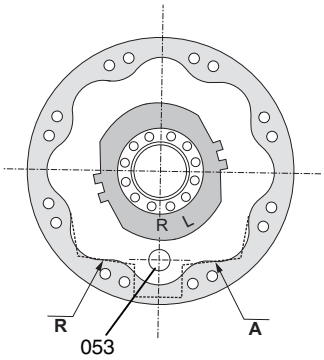
For each order indicate the part number and serial number of the motor and part item number as shown below. (see picture 0349 page 5)

ITEM		*DESCRIPTION*
○	*001*	*Seal kit*
○	*003*	*Seal kit (MK05AX)*
●	*010*	*Cylinder block assembly*
	011	*Cylinder block*
	012	*Piston Cl 0. assembly*
	013	*Piston Cl 1. assembly*
	015	*Repair kit*
	026	*Cam*
	027	*Sealing ring (MK05, MK08, MK11)*
	027	*O-ring (MK18, MKE18)*
	032	*Plug*
	033	*O-ring*
●	*040*	*Valving cover assembly*
	041	*Valving cover*
	042	*Screw*
	043	*Seal washer*
	044	*Screw*
	045	*O-ring (MK05, MK08, MK11)*
	047	*Valving*
	048	*Valving seal kit*
	049	*Plug (MK05)*
	050	*Pin (MK05, MK05AX, MK08)*
	050	*Plug (MK11, MK18, MKE18)*
	051	*Spring washer (MK05, MK05AX, MK08)*
	052	*Spring (MK11, MK18, MKE18)*
	053	*Valve spool (MK11, MK18, MKE18)*
	054	*Washer (MK11, MK18, MKE18)*
	055	*Snap ring (MK11, MK18, MKE18)*
	056	*Spring (MK11, MK18, MKE18)*
	057	*O-ring (MK11, MK18, MKE18)*
	059	*O-ring (MK11, MK18, MKE18)*
●	*060*	*End cover assembly*
	062	*Snap ring (MK05AX)*
	063	*O-ring (MK05)*
	064	*Plug (MK05, MK05AX, MK11)*
	065	*O-ring (MK05, MK05AX, MK11)*
	066	*Screw*
	067	*Sealing ring (MK18, MKE18)*
	068	*End cover (MK05, MK05AX)*
	069	*Plug (MK11)*
●	*070*	*Bearing support assembly*
	078	*Sealing ring (MK18, MKE18)*
	082	*Plug (MK18, MKE18)*
	085	*O-ring (MK18, MKE18)*

PREVIEW - YOUFIXTHIS.COM

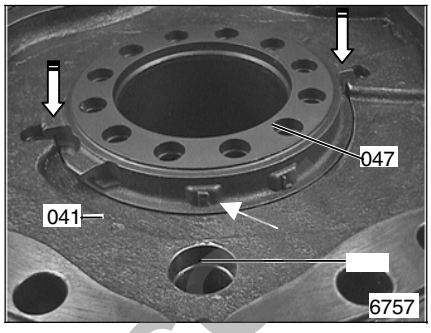
Download full manual at youfixthis.com

D/R Rechts



3228

D/R Right



• Falls kein Buchstabe vorhanden ist, die Ausrichtung anhand der beim Ausbau festgelegten Markierungen vornehmen.

• Dazu die im Kapitel « Auswechseln des kompletten Zylinderblocks (010)» unter « Wiedereinbau » beschriebenen Arbeiten ausführen, Seite 28.

• *If there is no letter, do the indexing according to the marks made during disassembly.*

• *Do operations described in chapter "replacement of the cylinders block" section "reassembly" page 28.*

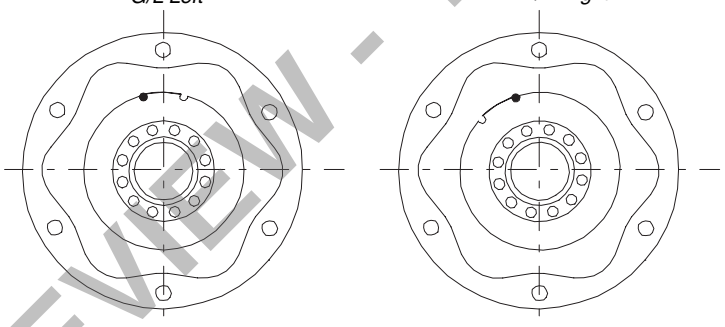
Motoren SE02 und S05

Situation of SE02 and S05 motors

SE02 Motor :
SE02 motor :

G/L Links
G/L Left

D/R Rechts
D/R Right

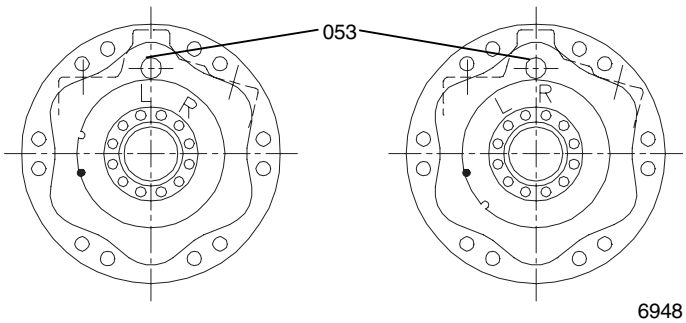


6959

S05 Motor :
S05 motor

G/L Links
G/L Left

D/R Rechts
D/R Right



6948

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 18 of 462 pages

The full manual includes:

- All 462 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Bomag BW 125 ADH, BW 135 AD, BW 138 AD, BW 138 AC Service Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual