

**Instruction Manual and Parts List  
for Portable Compressors**

**XAS36 YdG**

Instruction manual..... 3

Parts list ..... 81

**Registration code**

Collection:APC X1

Tab : 38

**Printed Matter N°**

**2950 2022 01**

**07/2002**



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ATLAS COPCO - PORTABLE AIR DIVISION

[www.atlascopco.com](http://www.atlascopco.com)

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# Instruction Manual

## Introduction

*Congratulations on the purchase of your XAS36 YdG compressor. It is a solid, safe and reliable machine, built according to the latest technology. Follow the instructions in this booklet and we guarantee you years of troublefree operation. Please read the following instructions carefully before starting to use your machine. While every effort has been made to ensure that the information in this manual is correct, Atlas Copco does not assume responsibility for possible errors. Atlas Copco reserves the right to make changes without prior notice.*

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# 1 Safety precautions for portable compressors

## Note

To be read attentively and acted accordingly before towing, lifting, operating, performing maintenance or repairing the compressor

## Introduction

The policy of Atlas Copco is to provide the users of their equipment with safe, reliable and efficient products. Factors taken into account are among others:

- the intended and predictable future use of the products, and the environments in which they are expected to operate
- applicable rules, codes and regulations
- the expected useful product life, assuming proper service and maintenance
- providing the manual with up-to-date information

Before handling any product, take time to read the relevant instruction manual. Besides giving detailed operating instructions, it also gives specific information about safety, preventive maintenance, etc.

Keep the manual always at the unit location, easy accessible to the operating personnel.

See also the safety precautions of the engine and possible other equipment, which are separately sent along or are mentioned on the equipment or parts of the unit.

These safety precautions are general and some statements will therefore not always apply to a particular unit.

Only people that have the right skills should be allowed to operate, adjust, perform maintenance or repair on Atlas Copco equipment. It is the responsibility of management to appoint operators with the appropriate training and skill for each category of job.

### **Skill level 1: Operator**

An operator is trained in all aspects of operating the unit with the push-buttons, and is trained to know the safety aspects.

### **Skill level 2: Mechanical technician**

A mechanical technician is trained to operate the unit the same as the operator. In addition, the mechanical technician is also trained to perform maintenance and repair, as described in the instruction manual, and is allowed to change settings of the control and safety system. A mechanical technician does not work on live electrical components.

### **Skill level 3: Electrical technician**

An electrical technician is trained and has the same qualifications as both the operator and the mechanical technician. In addition, the electrical technician may carry out electrical repairs within the various enclosures of the unit. This includes work on live electrical components.

### **Skill level 4: Specialist from the manufacturer**

This is a skilled specialist sent by the manufacturer or its agent to perform complex repairs or modifications to the equipment.

In general it is recommended that not more than two people operate the unit, more operators could lead to unsafe operating conditions. Take necessary steps to keep unauthorized persons away from the unit and eliminate all possible sources of danger at the unit.

When handling, operating, overhauling and/or performing maintenance or repair on Atlas Copco equipment, the mechanics are expected to use safe engineering practices and to observe all relevant local safety requirements and ordinances. The following list is a reminder of special safety directives and precautions mainly applicable to Atlas Copco equipment.

These safety precautions apply to machinery processing or consuming air. Processing of any other gas requires additional safety precautions typical to the application and are not included herein.

Neglecting the safety precautions may endanger people as well as environment and machinery:

- endanger people due to electrical, mechanical or chemical influences
- endanger the environment due to leakage of oil, solvents or other substances
- endanger the machinery due to function failures

All responsibility for any damage or injury resulting from neglecting these precautions or by non-observance of ordinary caution and due care required in handling, operating, maintenance or repair, also if not expressly mentioned in this instruction manual, is disclaimed by Atlas Copco.

The manufacturer does not accept any liability for any damage arising from the use of non-original parts and for modifications, additions or conversions made without the manufacturer's approval in writing.

If any statement in this manual does not comply with local legislation, the stricter of the two shall be applied.

Statements in these safety precautions should not be interpreted as suggestions, recommendations or inducements that it should be used in violation of any applicable laws or regulations.

### General safety precautions

- 1 The owner is responsible for maintaining the unit in a safe operating condition. Unit parts and accessories must be replaced if missing or unsuitable for safe operation.
- 2 The supervisor, or the responsible person, shall at all times make sure that all instructions regarding machinery and equipment operation and maintenance are strictly followed and that the machines with all accessories and safety devices, as well as the consuming devices, are in good repair, free of abnormal wear or abuse, and are not tampered with.
- 3 Whenever there is an indication or any suspicion that an internal part of a machine is overheated, the machine shall be stopped but no inspection covers shall be opened before sufficient cooling time has elapsed; this to avoid the risk of spontaneous ignition of oil vapour when air is admitted.
- 4 Normal ratings (pressures, temperatures, speeds, etc.) shall be durably marked.
- 5 Operate the unit only for the intended purpose and within its rated limits (pressure, temperature, speeds, etc.).
- 6 The machinery and equipment shall be kept clean, i.e. as free as possible from oil, dust or other deposits.
- 7 To prevent an increase in working temperature, inspect and clean heat transfer surfaces (cooler fins, intercoolers, water jackets, etc.) regularly. See the maintenance schedule.
- 8 All regulating and safety devices shall be maintained with due care to ensure that they function properly. They may not be put out of action.
- 9 Care shall be taken to avoid damage to safety valves and other pressure-relief devices, especially to avoid plugging by paint, oil coke or dirt accumulation, which could interfere with the functioning of the device.
- 10 Pressure and temperature gauges shall be checked regularly with regard to their accuracy. They shall be replaced whenever outside acceptable tolerances.
- 11 Safety devices shall be tested as described in the maintenance schedule of the instruction manual to determine that they are in good operating condition.
- 12 Mind the markings and information labels on the unit.

- 13 In the event the safety labels are damaged or destroyed, they must be replaced to ensure operator safety.
- 14 Keep the work area neat. Lack of order will increase the risk of accidents.
- 15 When working on the unit, wear safety clothing. Depending on the kind of activities these are: safety glasses, ear protection, safety helmet (including visor), safety gloves, protective clothing, safety shoes. Do not wear the hair long and loose (protect long hair with a hairnet), or wear loose clothing or jewelry.
- 16 Take precautions against fire. Handle fuel, oil and anti-freeze with care because they are inflammable substances. Do not smoke or approach with naked flame when handling such substances. Keep a fire-extinguisher in the vicinity.
- 17 **a. Portable compressors with generator (with earthing pin):**  
Earth the generator as well as the load properly.
- b. Portable compressors with generator IT:**  
**Note:** This generator is built to supply a sheer alternating current IT network.  
Earth the load properly.

### Safety during transport and installation

To lift a unit, all loose or pivoting parts, e.g. doors and towbar, shall first be securely fastened.

Do not attach cables, chains or ropes directly to the lifting eye; apply a crane hook or lifting shackle meeting local safety regulations. Never allow sharp bends in lifting cables, chains or ropes.

Helicopter lifting is not allowed.

It is strictly forbidden to dwell or stay in the risk zone under a lifted load. Never lift the unit over people or residential areas. Lifting acceleration and retardation shall be kept within safe limits.

- 1 Before towing the unit:
  - ascertain that the pressure vessel(s) is (are) depressurized
  - check the towbar, the brake system and the towing eye. Also check the coupling of the towing vehicle
  - check the towing and brake capability of the towing vehicle
  - check that the towbar, jockey wheel or stand leg is safely locked in the raised position
  - ascertain that the towing eye can swivel freely on the hook
  - check that the wheels are secure and that the tyres are in good condition and inflated correctly
  - connect the signalisation cable, check all lights and connect the pneumatic brake couplers
  - attach the safety break-away cable or safety chain to the towing vehicle
  - remove wheel chocks, if applied, and disengage the parking brake
- 2 To tow a unit use a towing vehicle of ample capacity. Refer to the documentation of the towing vehicle.
- 3 If the unit is to be backed up by the towing vehicle, disengage the overrun brake mechanism (if it is not an automatic mechanism).
- 4 Never exceed the maximum towing speed of the unit (mind the local regulations).
- 5 Place the unit on level ground and apply the parking brake before disconnecting the unit from the towing vehicle. Unclip the safety break-away cable or safety chain. If the unit has no parking brake or jockey wheel, immobilize the unit by placing chocks in front of and/or behind the wheels. When the towbar can be positioned vertically, the locking device must be applied and kept in good order.
- 6 To lift heavy parts, a hoist of ample capacity, tested and approved according to local safety regulations, shall be used.

- 7 Lifting hooks, eyes, shackles, etc., shall never be bent and shall only have stress in line with their design load axis. The capacity of a lifting device diminishes when the lifting force is applied at an angle to its load axis.
- 8 For maximum safety and efficiency of the lifting apparatus all lifting members shall be applied as near to perpendicular as possible. If required, a lifting beam shall be applied between hoist and load.
- 9 Never leave a load hanging on a hoist.
- 10 A hoist has to be installed in such a way that the object will be lifted perpendicular. If that is not possible, the necessary precautions must be taken to prevent load-swinging, e.g. by using two hoists, each at approximately the same angle not exceeding 30° from the vertical.
- 11 Locate the unit away from walls. Take all precautions to ensure that hot air exhausted from the engine and driven machine cooling systems cannot be recirculated. If such hot air is taken in by the engine or driven machine cooling fan, this may cause overheating of the unit; if taken in for combustion, the engine power will be reduced.

### **Safety during use and operation**

- 1 When the unit has to operate in a fire-hazardous environment, each engine exhaust has to be provided with a spark arrestor to trap incendiary sparks.
- 2 The exhaust contains carbon monoxide which is a lethal gas. When the unit is used in a confined space, conduct the engine exhaust to the outside atmosphere by a pipe of sufficient diameter; do this in such a way that no extra back pressure is created for the engine. If necessary, install an extractor. Observe any existing local regulations. Make sure that the unit has sufficient air intake for operation. If necessary, install extra air intake ducts.
- 3 When operating in a dust-laden atmosphere, place the unit so that dust is not carried towards it by the wind. Operation in clean surroundings considerably extends the intervals for cleaning the air intake filters and the cores of the coolers.
- 4 Close the compressor air outlet valve before connecting or disconnecting a hose. Ascertain that a hose is fully depressurized before disconnecting it. Before blowing compressed air through a hose or air line, ensure that the open end is held securely, so that it cannot whip and cause injury.
- 5 The air line end connected to the outlet valve must be safeguarded with a safety cable, attached next to the valve.
- 6 No external force may be exerted on the air outlet valves, e.g. by pulling on hoses or by installing auxiliary equipment directly to a valve, e.g. a water separator, a lubricator, etc. Do not step on the air outlet valves.
- 7 Never move a unit when external lines or hoses are connected to the outlet valves, to avoid damage to valves, manifold and hoses.
- 8 Do not use compressed air from any type of compressor, without taking extra measures, for breathing purposes as this may result in injury or death. For breathing air quality, the compressed air must be adequately purified according to local legislation and standards. Breathing air must always be supplied at stable, suitable pressure.
- 9 Distribution pipework and air hoses must be of correct diameter and suitable for the working pressure. Never use frayed, damaged or deteriorated hoses. Replace hoses and flexibles before the lifetime expires. Use only the correct type and size of hose end fittings and connections.
- 10 If the compressor is to be used for sand-blasting or will be connected to a common compressed-air system, fit an appropriate non-return valve (check valve) between compressor outlet and the connected sand-blasting or compressed-air system. Observe the right mounting position/direction.
- 11 Before removing the oil filler plug, ensure that the pressure is released by opening an air outlet valve.
- 12 Never remove a filler cap of the cooling water system of a hot engine. Wait until the engine has sufficiently cooled down.
- 13 Never refill fuel while the unit is running, unless otherwise stated in the Atlas Copco Instruction Book (AIB). Keep fuel away from hot parts such as air outlet pipes or the engine exhaust. Do not smoke when fuelling. When fuelling from an automatic pump, an earthing cable should be connected to the unit to discharge static electricity. Never spill nor leave oil, fuel, coolant or cleansing agent in or around the unit.

- 14 All doors shall be shut during operation so as not to disturb the cooling air flow inside the bodywork and/or render the silencing less effective. A door should be kept open for a short period only e.g. for inspection or adjustment.
- 15 Periodically carry out maintenance works according to the maintenance schedule.
- 16 Stationary housing guards are provided on all rotating or reciprocating parts not otherwise protected and which may be hazardous to personnel. Machinery shall never be put into operation, when such guards have been removed, before the guards are securely reinstalled.
- 17 Noise, even at reasonable levels, can cause irritation and disturbance which, over a long period of time, may cause severe injuries to the nervous system of human beings.  
When the sound pressure level, at any point where personnel normally has to attend, is:
  - below 70 dB(A): no action needs to be taken
  - below 70 dB(A): no action needs to be taken
  - above 70 dB(A): noise-protective devices should be provided for people continuously being present in the room
  - below 85 dB(A): no action needs to be taken for occasional visitors staying a limited time only
  - above 85 dB(A): room to be classified as a noise-hazardous area and an obvious warning shall be placed permanently at each entrance to alert people entering the room, for even relatively short times, about the need to wear ear protectors
  - above 95 dB(A): the warning(s) at the entrance(s) shall be completed with the recommendation that also occasional visitors shall wear ear protectors
  - above 105 dB(A): special ear protectors that are adequate for this noise level and the spectral composition of the noise shall be provided and a special warning to that effect shall be placed at each entrance.
- 18 Insulation or safety guards of parts the temperature of which can be in excess of 80 °C (175 °F) and which may be accidentally touched by personnel shall not be removed before the parts have cooled to room temperature.
- 19 Never operate the unit in surroundings where there is a possibility of taking in flammable or toxic fumes.
- 20 If the working process produces fumes, dust or vibration hazards, etc., take the necessary steps to eliminate the risk of personnel injury.
- 21 When using compressed air or inert gas to clean down equipment, do so with caution and use the appropriate protection, at least safety glasses, for the operator as well as for any bystander. Do not apply compressed air or inert gas to your skin or direct an air or gas stream at people. Never use it to clean dirt from your clothes.
- 22 When washing parts in or with a cleaning solvent, provide the required ventilation and use appropriate protection such as a breathing filter, safety glasses, rubber apron and gloves, etc.
- 23 Safety shoes should be compulsory in any workshop and if there is a risk, however small, of falling objects, wearing of a safety helmet should be included.
- 24 If there is a risk of inhaling hazardous gases, fumes or dust, the respiratory organs must be protected and depending on the nature of the hazard, so must the eyes and skin.
- 25 Remember that where there is visible dust, the finer, invisible particles will almost certainly be present too; but the fact that no dust can be seen is not a reliable indication that dangerous, invisible dust is not present in the air.
- 26 Never operate the unit at pressures or speeds below or in excess of its limits as indicated in the technical specifications.

## Safety during maintenance and repair

Maintenance, overhaul and repair work shall only be carried out by adequately trained personnel; if required, under supervision of someone qualified for the job.

- 1 Use only the correct tools for maintenance and repair work, and only tools which are in good condition.
- 2 Parts shall only be replaced by genuine Atlas Copco replacement parts.
- 3 All maintenance work, other than routine attention, shall only be undertaken when the unit is stopped. Steps shall be taken to prevent inadvertent starting. In addition, a warning sign bearing a legend such as "work in progress; do not start" shall be attached to the starting equipment.

On engine-driven units the battery shall be disconnected and removed or the terminals covered by insulating caps.

On electrically driven units the main switch shall be locked in open position and the fuses shall be taken out. A warning sign bearing a legend such as "work in progress; do not supply voltage" shall be attached to the fuse box or main switch.

- 4 Before dismantling any pressurized component, the compressor or equipment shall be effectively isolated from all sources of pressure and the entire system shall be relieved of pressure. Do not rely on non-return valves (check valves) to isolate pressure systems. In addition, a warning sign bearing a legend such as "work in progress; do not open" shall be attached to each of the outlet valves.
- 5 Prior to stripping an engine or other machine or undertaking major overhaul on it, prevent all movable parts from rolling over or moving.
- 6 Make sure that no tools, loose parts or rags are left in or on the machine. Never leave rags or loose clothing near the engine air intake.
- 7 Never use flammable solvents for cleaning (fire-risk).
- 8 Take safety precautions against toxic vapours of cleaning liquids.
- 9 Never use machine parts as a climbing aid.
- 10 Observe scrupulous cleanliness during maintenance and repair. Keep away dirt, cover the parts and exposed openings with a clean cloth, paper or tape.
- 11 Never weld on or perform any operation involving heat near the fuel or oil systems. Fuel and oil tanks must be completely purged, e.g. by steam-cleaning, before carrying out such operations. Never weld on, or in any way modify, pressure vessels. Disconnect the alternator cables during arc welding on the unit.
- 12 Support the towbar and the axle(s) securely if working underneath the unit or when removing a wheel. Do not rely on jacks.
- 13 Do not remove any of, or tamper with, the sound-damping material. Keep the material free of dirt and liquids such as fuel, oil and cleansing agents. If any sound-damping material is damaged, replace it to prevent the sound pressure level from increasing.
- 14 Use only lubricating oils and greases recommended or approved by Atlas Copco or the machine manufacturer. Ascertain that the selected lubricants comply with all applicable safety regulations, especially with regard to explosion or fire-risk and the possibility of decomposition or generation of hazardous gases. Never mix synthetic with mineral oil.
- 15 Protect the engine, alternator, air intake filter, electrical and regulating components, etc., to prevent moisture ingress, e.g. when steam-cleaning.
- 16 When performing any operation involving heat, flames or sparks on a machine, the surrounding components shall first be screened with non-flammable material.
- 17 Never use a light source with open flame for inspecting the interior of a machine.

- 18 When repair has been completed, the machine shall be barred over at least one revolution for reciprocating machines, several revolutions for rotary ones to ensure that there is no mechanical interference within the machine or driver. Check the direction of rotation of electric motors when starting up the machine initially and after any alteration to the electrical connection(s) or switch gear, to check that the oil pump and the fan function properly.
- 19 Maintenance and repair work should be recorded in an operator's logbook for all machinery. Frequency and nature of repairs can reveal unsafe conditions.
- 20 When hot parts have to be handled, e.g. shrink fitting, special heat-resistant gloves shall be used and, if required, other body protection shall be applied.
- 21 When using cartridge type breathing filter equipment, ascertain that the correct type of cartridge is used and that its useful service life is not surpassed.
- 22 Make sure that oil, solvents and other substances likely to pollute the environment are properly disposed of.
- 23 Before clearing the unit for use after maintenance or overhaul, check that operating pressures, temperatures and speeds are correct and that the control and shutdown devices function correctly.

### **Tool applications safety**

Apply the proper tool for each job. With the knowledge of correct tool use and knowing the limitations of tools, along with some common sense, many accidents can be prevented.

Special service tools are available for specific jobs and should be used when recommended. The use of these tools will save time and prevent damage to parts.

### **Specific safety precautions**

#### **Batteries**

When servicing batteries, always wear protecting clothing and glasses.

- 1 The electrolyte in batteries is a sulphuric acid solution which is fatal if it hits your eyes, and which can cause burns if it contacts your skin. Therefore, be careful when handling batteries, e.g. when checking the charge condition.
- 2 Install a sign prohibiting fire, open flame and smoking at the post where batteries are being charged.
- 3 When batteries are being charged, an explosive gas mixture forms in the cells and might escape through the vent holes in the plugs.

Thus an explosive atmosphere may form around the battery if ventilation is poor, and can remain in and around the battery for several hours after it has been charged. Therefore:

- never smoke near batteries being, or having recently been, charged
  - never break live circuits at battery terminals, because a spark usually occurs
- 4 When connecting an auxiliary battery (AB) in parallel to the unit battery (CB) with booster cables: connect the + pole of AB to the + pole of CB, then connect the - pole of CB to the mass of the unit. Disconnect in the reverse order.

### Pressure vessels

(according to directive 87/404/EEC annex II § 2)

Maintenance/installation requirements:

- 1 The vessel can be used as pressure vessel or as separator and is designed to hold compressed air for the following application:
  - pressure vessel for compressor
  - medium AIR/OILand operates as detailed on the data plate of the vessel:
  - the maximum working pressure  $p_s$  in bar
  - the maximum working temperature  $T_{max}$  in °C
  - the minimum working temperature  $T_{min}$  in °C
  - the capacity of the vessel  $V$  in l
- 2 The pressure vessel is only to be used for the applications as specified above and in accordance with the technical specifications. Safety reasons prohibit any other applications.
- 3 National legislation requirements with respect to re-inspection must be complied with
- 4 No welding or heat treatment of any kind is permitted to those vessel walls which are exposed to pressure.
- 5 The vessel is provided and may only be used with the required safety equipment such as manometer, overpressure control devices, safety valve, etc.
- 6 Draining of condensate shall be performed regularly when vessel is in use.
- 7 Installation, design and connections should not be changed.
- 8 Bolts of cover and flanges may not be used for extra fixation.

### Safety valves

All adjustments or repairs are to be done by an authorized representative of the valve supplier (see maintenance schedule).

## 2 Leading particulars

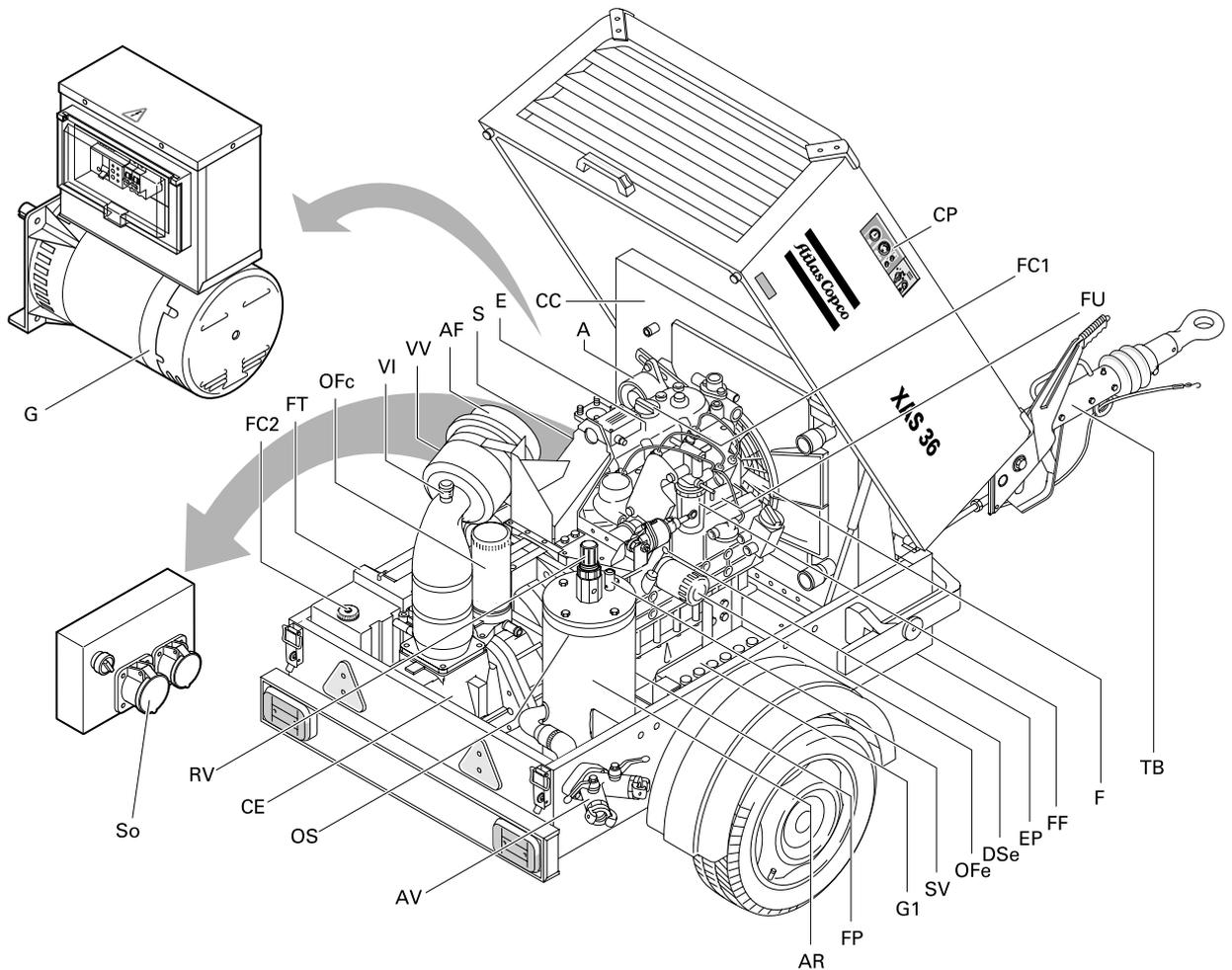
### 2.1 General Description

#### General

The XAS36 YdG is a portable, single-stage, oil-injected screw compressor, built for a normal effective working pressure of 7 bar (102 psi) and a capacity of 35 l/s (74 cfm).

The unit is driven by a fluid-cooled diesel engine, manufactured by YANMAR.

#### Unit with fixed towbar and brakes

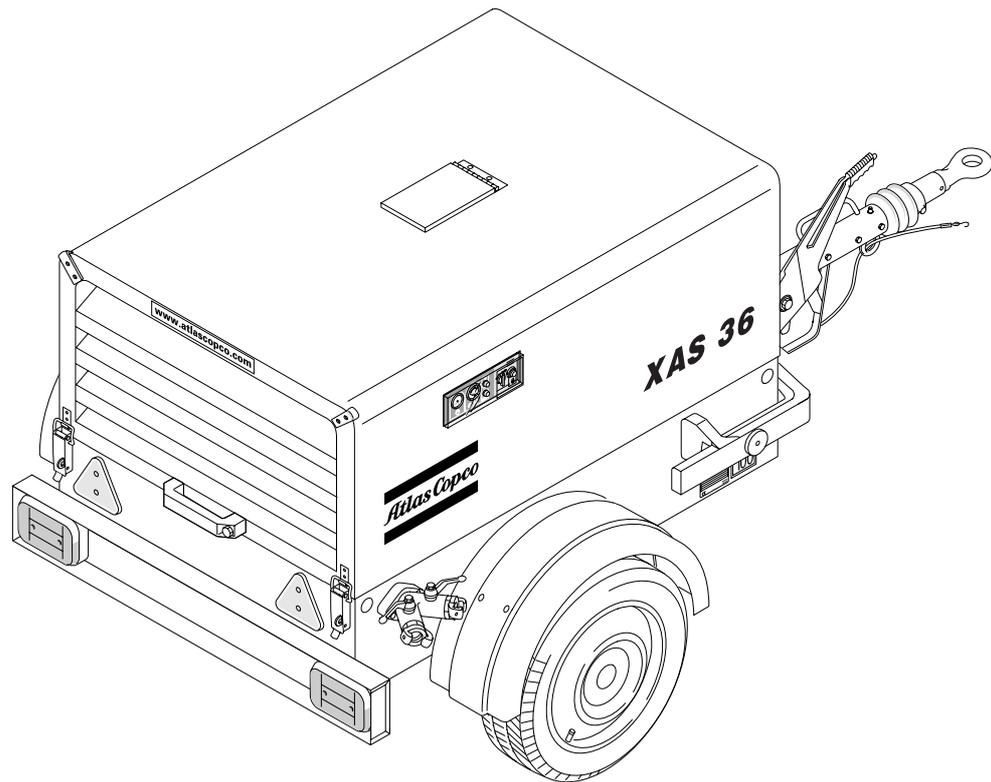


## Main parts

Reference	Name
A	Alternator
AF	Air filter
AR	Air receiver
AV	Air outlet valves
CC	Combi cooler
CE	Compressor element
CP	Control panel
DSe	Engine oil level dipstick
E	Engine
EP	Exhaust pipe
F	Fan
FC1	Filler cap, engine oil
FC2	Filler cap, fuel tank
FF	Fuel filter
FP	Filler plug, compressor oil
FT	Fuel tank
FU	Fuel pump
G1	Battery
G	Generator
OFc	Oil filter, compressor
OFe	Oil filter, engine
OS	Oil separator element
RV	Regulating valve
S	Starting motor
So	Sockets
SV	Safety valve
TB	Towbar
VI	Vacuum indicator
VV	Vacuator valve

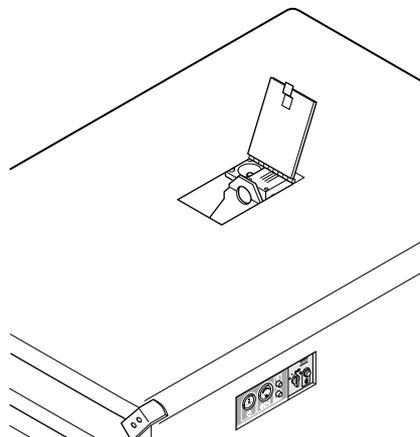
## 2.2 Bodywork

### Unit with fixed towbar and brakes



### Bodywork

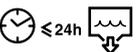
The unit is enclosed in a strong, modern zincor steel body with a double airspring activated hood providing easy access for routine maintenance. The bodywork is easy to maintain and is further protected by powder coated yellowpaint.

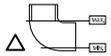
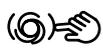


A lifting eye is provided under a small door on top of the compressor.

## 2.3 Markings and information labels

### Markings and information labels

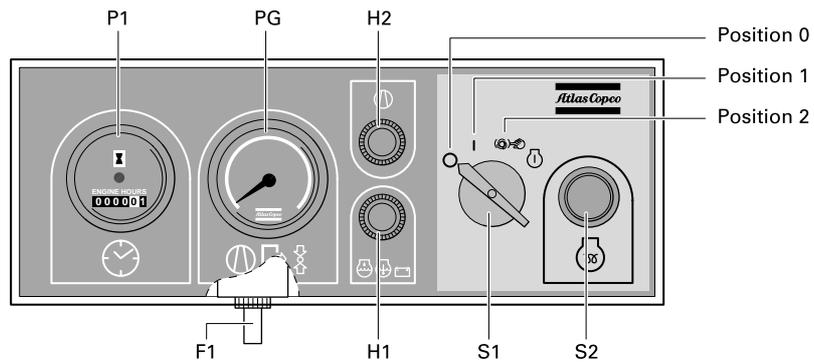
	Use SAE 15W40 oil only
	Use Paroil M only
	Use Diesel fuel only
	Drain plug engine cooling water
	Drain plug compressor oil
	Drain plug engine oil
	Drain water at least every 24 hours
	Do not open air valves without connected hoses
	Warning "Part under pressure"
	Warning "Hot surface"
	Warning "Dangerous exhaust"
	Rotation direction
	Hours, time
	Compressor outlet pressure

	Engine start switch
	Read the instruction manual before starting
	Read the instruction manual before working on the battery
	Lifting permitted
	Service
	Engine cooling water
	Do not run the compressor unit with open doors
	Do not stand on outlet valves
	Level oil vessel
2.7 bar / 39 psi	Tyre pressure
	Compressor lamp
	Motor alarm lamp
	Manual override switch
	Preheat lamp
	Sound power level accordance with Directive 84/533 EC (expressed in dB (A))
	Earthing connections
0 ⚡ 1	Generator: 0 = OFF / 1 = ON

	Insulation fault
---	------------------

## 2.4 Control and indicator panel

### Illustration



### Gauges

Reference	Name
P1	Hourmeter
PG	Working pressure gauge

### LEDs

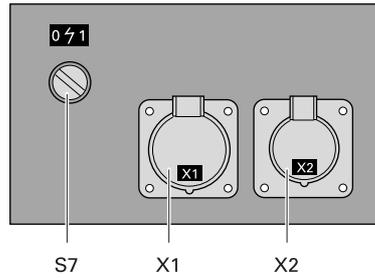
Reference	Name
H1	Motor alarm
H2	Compressor temperature alarm

### Switches

Reference	Name
S1	Contact switch
S2	Preheat switch

## 2.5 Control and indicator panel generator

### Control panel generator



### Switches

Reference	Name
S7	Switch (Generator - compressor)

### Sockets

Reference	Name
X1	Socket 110V/ 32A
X2	Socket 110V/ 16A



<b>Reference</b>	<b>Name</b>
FR	Flow restrictor
OF	Oil filter
OS	Oil separator
PG	Pressure gauge
RV	Regulating valve
SL	Scavenge line
SoV	Solenoid valve
SR	Speed regulator
SV	Safety valve
TS	Temperature switch
UA	Unloader assembly
UV	Unloader valve
VH	Vent hole
VI	Vacuum indicator
VV	Vacuator valve

## 3 Operating instructions

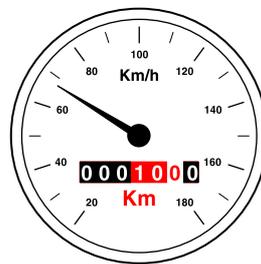
### Warning

In your own safety interest, always strictly observe all relevant safety instructions.

### 3.1 Parking, towing and lifting instructions

#### Note

Before using the compressor, check the brake system.

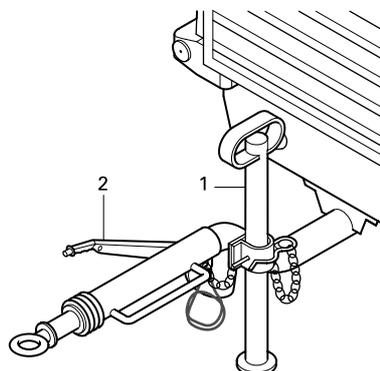


After the first 100 km travel:

- Check and retighten the wheel nuts and towbar bolts to the specified torque.
- Check the brake adjustment.

#### 3.1.1 Parking instructions

##### Unit with fixed towbar and brakes



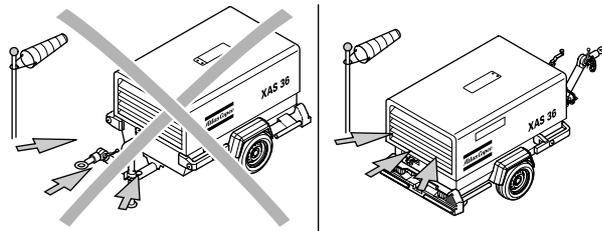
**Parking instructions**

When parking a compressor, secure prop (1) to support the compressor in a level position.

Apply parking brake by pulling parking brake handle (2) upwards.

Place the compressor as level as possible; however, it can be operated temporarily in an out-of-level position not exceeding 15°. If the compressor is parked on sloping ground, immobilise the compressor by placing wheel chocks in front of or behind the wheels.

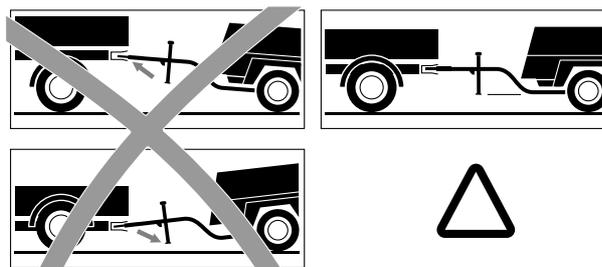
**Position**



Locate the rear-end of the compressor upwind way from contaminated wind-streams and walls. Avoid recirculation of exhaust air from the engine. This causes overheating and engine power decrease.

**3.1.2 Towing instructions**

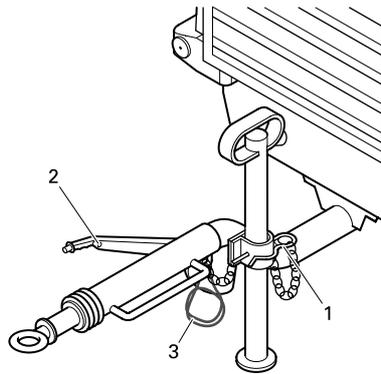
**Label**



**Warning**

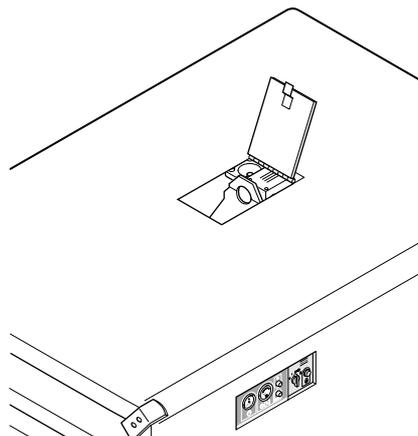
Before towing the compressor, make sure that the towing equipment of the vehicle matches the towing eye.

The towbar should be as level as possible and the compressor and towing eye end in a level position.

**Unit with fixed towbar and brakes****Towing**

Mount safety pins (1).

Push hand brake lever (2) completely downwards and connect breakaway cable (3) to the vehicle.

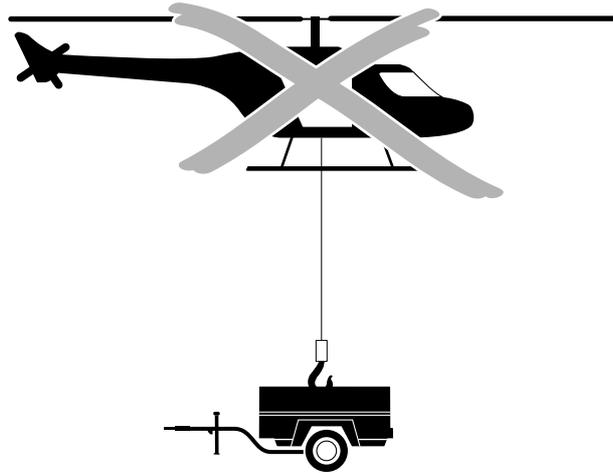
**3.1.3 Lifting instructions****Lifting**

When lifting the compressor, the hoist has to be placed in such a way that the compressor, which must be placed level, will be lifted vertically.

**Warning**

Lifting acceleration and retardation must be kept within safe limits (max. 4xg).

Helicopter lifting is not allowed.



## 3.2 Before starting

### Warning

If the compressor will be used for sand-blasting or connected to a common compressed air system, fit an appropriate check valve between compressor outlet and the connected sand-blasting or compressed-air system.

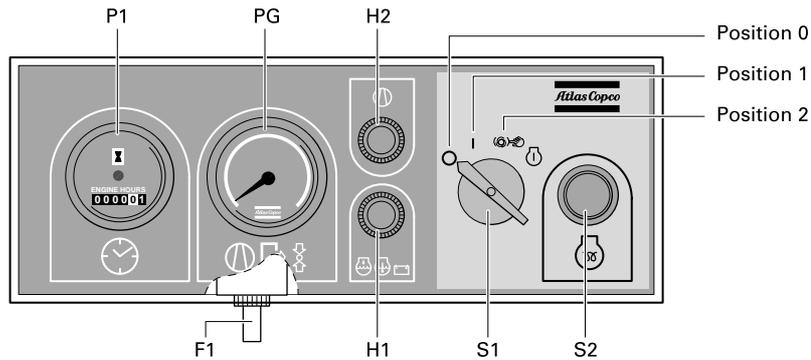
Observe the right mounting position/direction!

### Before initial start-up

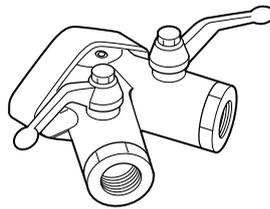
Step	Action
1	Prepare the battery for operation (if not already done). <u>See “Maintenance - Battery care”</u>
2	With the compressor standing level, check the level of the engine oil. Add oil, if necessary, to the upper mark on the dipstick. Consult the Engine Operation Manual for the type and viscosity grade of the engine oil. <u>See “Maintenance - Lubrication oil”</u> <u>See “Maintenance - Change of oil and oil filters”</u>
3	Before removing the oil filler plug, ensure that the pressure is released by opening an air outlet valve.  Check the level of the compressor oil; remove the filler plug of the compressor and make sure there is oil in the filler pipe. If necessary, top up to the brim. <u>See “Maintenance - Topping up compressor oil”</u>
4	Check that the fuel tank contains sufficient fuel. Top up, if necessary. Consult the Engine Operation Manual for the type of fuel
5	Drain any water and sediment from the fuel filter until clean fuel flows from the drain cock. <u>See “Adjustments and servicing procedures - Emptying the waterseparator”</u>
6	Press vacuator valve of the air filter to remove dust. <u>See “Air filter - Cleaning the dust trap”</u>
7	Check the air filter service indicator. If the yellow piston reaches the red marked service range, replace the filter element. Reset the indicator by pushing the reset button. <u>See “Air filter - Replacing the airfilter element”</u>

### 3.3 Starting

#### Control and indicator panel



#### Air outlet valve



#### Starting

Step	Action
1	Open an air outlet valve.
2	Push circuit breaker button F1 at the bottom of the control panel (open the service hood).
3	Turn start button S1 clockwise into position 1, lamp H2 lights up.
4	When the ambient temperature is low, press the preheat push-button (S2) for about ten seconds.
5	Turn start button S1 clockwise into position 2, the starter motor will set the engine in motion, lamp H1 lights up. As soon as the engine has been started, start button S1 automatically returns to position 1 and lamps H1 and H2 go out. Never run the starter longer than 15 seconds at a time.
6	Close the air outlet valves.
7	Let the engine run for a few minutes to warm up before using.

**Note**

Position 1 of start button S1 provides an automatic lamp test of lamp H2.

Position 2 of start button S1 provides an automatic lamp test of lamp H1.

**Fault situations and protective devices**

The starter motor is protected against prolonged starting or against attempts to start when the group is already running.

A fault which occurs with the engine, either: oil pressure (too low), oil temperature (too high) or alternator voltage (too low) will always and immediately cause the engine to cut out and the control lamp H1 will light up. By doing some simple checks, it can be determined what it was that caused the engine to fail: low oil level, clogged-up cooler, slack alternator belt tension or broken belt .

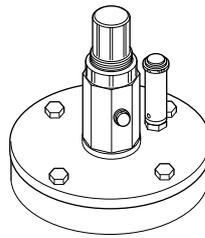
When the outlet temperature of the element becomes too high, a thermocontact will also switch off the group immediately. Control lamp H2 will light up. The control lamp will remain on until the group has been restarted (start button to position 2) or the contact is turned off (start button to position 0); also when, the thermocontact has closed again after cooling off (= memory function).

### 3.4 During operation

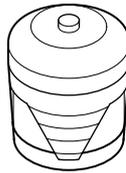
**Warning**

The doors must be closed during operation and may be opened for short periods only.

**Regulating valve**



**Vacuum indicator**

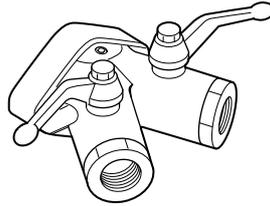


**Regularly carry out following checks**

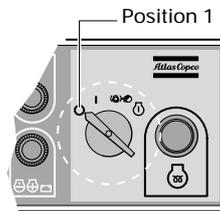
Step	Action
1	Check whether the regulating valve (RV) is correctly adjusted, i.e. starts decreasing the engine speed when reaching the preset working pressure in the receiver.
2	Check the air filter vacuum indicator. If the yellow piston reaches the red marked service range, replace the filter element. Reset the indicator by pushing the reset button. <u>See “Air filter - Replacing the airfilter element”</u>

### 3.5 Stopping

**Outlet valve**



**Start button**



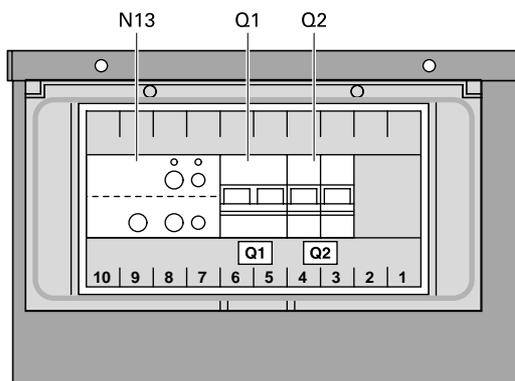
**Stopping**

Step	Action
1	Close the air outlet valves.
2	Turn start button S1 anti-clockwise into position 0.

## 3.6 Function of the generator

### 3.6.1 Output Connections

#### Generator control box



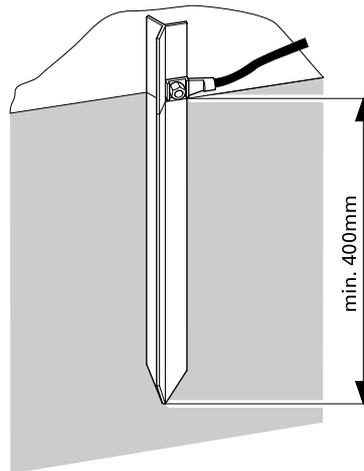
#### Main parts

Reference	Name
Q1	Main circuit breaker 2-pole
Q2	Circuit breaker 2-pole
N13	Earth fault current relay

Before connecting an electrical device, always check the data listed on the rating plate.

### 3.6.2 Earth pin

#### Earth pin



Before switching on the generator, always place the earth pin in position. Check the cable connection between earth pin and unit.

### 3.6.3 Starting and stopping the generator

Step	Action
1	Start the unit in accordance with the normal procedure (See “Before starting” ). Let the motor warm up until it reaches operational temperature. Turn the green switch S7 to position 1. The normal control system is switched off and the motor speed increases to reach the maximum.
2	The green lamp H3 in the switch S7 is activated, showing that sockets X1, X2 and X3 are under tension.
3	The generator can be switched off by turning the green switch S7 to position O.

### **3.6.4 Fault situations and protective device**

- When switching on the generator by means of the switch S7, the green lamp H3 is not activated.

Open the left machine door and check if the circuit breakers are down.

If so, put them up (switch them on).

If the circuit breakers are up, it can be indicative of a serious electrical fault.

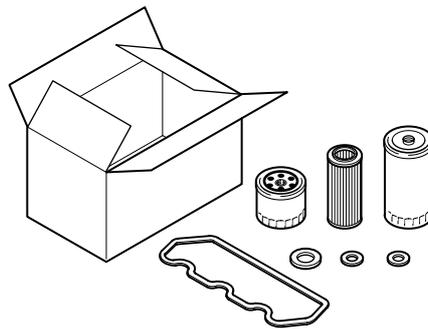
- When the electrical device is connected, the green lamp H3 is always deactivated. This indicates a fault in the electrical device.

## 4 Maintenance

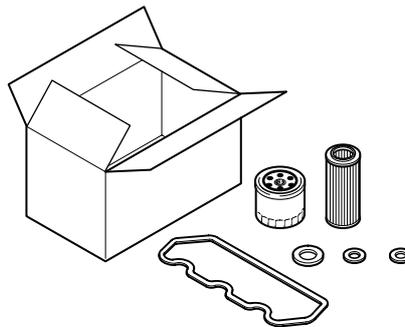
### 4.1 Preventive maintenance schedule

#### Service paks

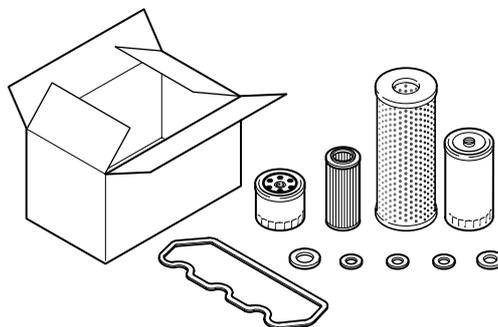
For the most important subassemblies, Atlas Copco has developed service kits that combine all wear parts. These service kits offer you the benefits of genuine parts, save on administration costs and are offered at reduced price, compared to the loose components. Refer to the parts list for more information on the contents of the service kits.



*Service pak - with unit*



*Service pak - 250 h*



*Service pak - 500 h*

**Maintenance schedule**

	<b>Daily</b>	<b>Initially</b>	<b>Normal</b>	<b>Yearly</b>
		<b>50 hours</b>	<b>250 hours</b>	<b>500 hours</b>
<b>SERVICE PAK</b>		<b>with unit</b>	<b>2912 4049 05</b>	<b>2912 4348 06</b>
Engine oil level	Check			
Compressor oil level	Check			
Coolant level	Check			
Air filter vacuator valve	Empty			
Fuel filter water drain (3)	Drain			
Air intake vacuum indicator	Check			
Electrolyte level and terminals of battery		Check	Check	Check
Tyre pressure		Check	Check	Check
Leaks in air-, oil- or fuel system		Check	Check	Check
Oil cooler package			Clean	Clean
Engine minimum and maximum speeds		Check	Check	Check
Torque of wheel nuts		Check	Check	Check
Brake system		Check/Adjust	Check/Adjust	Check/Adjust
Safety valve				Test
Door hinges			Grease	Grease
Coupling head and all its moving parts/ shaft			Grease	Grease
Shut-down switches				Check
Pressure drop over separator element (2)			Measure	Replace
Fan V-belt		Adjust	Adjust	Adjust
Fuel tank			Clean	Clean
Compressor oil				Change
Compressor oil filter		Replace		Replace
Air filter element (1)			Clean	Replace
Engine oil (3) (4)		Replace	Replace	Replace
Engine oil filter (3)		Replace	Replace	Replace
Fuel filter (3)		Replace	Replace	Replace
Engine inlet and outlet valves (3)		Adjust	Adjust	Adjust
Fuel injectors (3)				Check
Coolant (3)				Change
<b>Inspection by Atlas Copco Service Technician</b>				Inspect

**Warning**

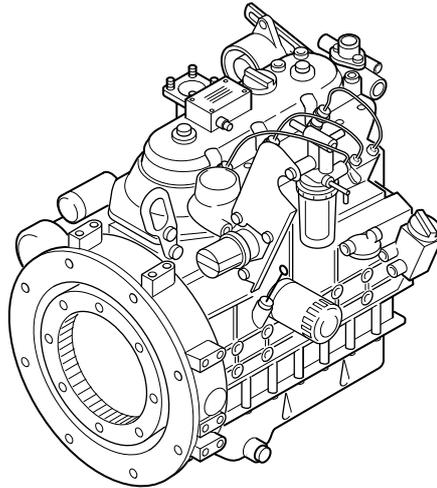
Keep the bolts of the housing, the lifting eye, the towbar and the axle securely tightened. Refer to 'Technical specifications' for the torque values.

## Notes

- 1 More frequently when operating in a dusty environment.
- 2 Replace the element when the pressure drop exceeds 0.8 bar.
- 3 Refer to the YANMAR operation manual.
- 4 It is recommended that Atlas Copco Par Oil SAE 15W40 is used as motor oil.
  - 5 litre can:order number 1615 5953 00
  - 20 litre can:order number 1615 5954 00
  - 208 litre barrel:order number 1615 5955 00
- 5 250 hours is only allowed when using Par Oil SAE 15W40. Otherwise, refer to the YANMAR instruction manual (150 hours).

## 4.2 Engine maintenance

### Engine maintenance



Refer to the engine's operator manual for full maintenance, including instructions for changing the oil, the fuel filters and oil filters.

## 4.3 Battery care

### Warning

Before handling batteries, read the relevant safety precautions and act accordingly.

### Battery care



If the battery is still dry, it must be activated.

The battery must be in operation within 2 months from being activated; if not, it needs to be recharged first.

### Activating the dry-charged battery

Step	Action
1	Take out the battery.
2	Battery and electrolyte must be at equal temperature above 10 °C (50°F).
3	Remove cover and/or plug from each cell.
4	Fill each cell with electrolyte until the level reaches 10 to 15 mm (0.39 to 0.59 in) above the plates, or to the level marked on the battery.
5	Rock the battery a few times so that possible air bubbles can escape; wait 10 minutes and check the level in each cell once more; if required, add electrolyte.
6	Refit plugs and/or cover.
7	Place the battery in the compressor.

### Electrolyte

Read the safety instructions carefully.

Electrolyte in batteries is a sulphuric acid solution in distilled water.

The solution must be made up before being introduced into the battery.

### Recharging a battery

Before and after charging a battery, always check the electrolyte level in each cell; if required, top up with distilled water only.

When charging batteries, each cell must be open, i.e. plugs and/or cover removed.

Use a commercial automatic battery charger according to its manufacturer's instructions.

Apply with preference the slow charging method and adjust the charge current according to the following rule of thumb: battery capacity in Ah divided by 20 gives safe charging current in Amp.

### Maintenance actions

- Keep the battery clean and dry.
- Keep the electrolyte level at 10 to 15 mm (0.39 to 0.59 in) above the plates or at the indicated level; top up with distilled water only.
- Keep the terminals and clamps tight, clean, and lightly covered with petroleum jelly.

## 4.4 Storage

### Actions

Carry out following actions during storage:

	Action
1	Run the compressor regularly, e.g. twice a week, until it is warmed up.
2	Load and unload the compressor a few times to operate the unloading and regulating components. Close the air outlet valves after stopping.

### Warning

If the compressor is going to be stored without running from time to time, protective measures must be taken as described in a separate Service Bulletin (ASB), which may be obtained on request.

## 4.5 Service kits

### Service kit

A service kit is a collection of parts to fit a specific repair or rebuilding task.

It guarantees that all necessary parts are replaced at the same time which improves the uptime of the unit.

The order numbers of the Service Kits are listed in the Atlas Copco Parts List (ASL).

## 4.6 Lubrication oils

### Introduction

High-quality, mineral, hydraulic or synthesized hydrocarbon oil with rust and oxidation inhibitors and anti-foam and anti-wear properties is recommended.

### Type of lubricant

The viscosity grade should correspond to the ambient temperature and ISO 3448, as follows:

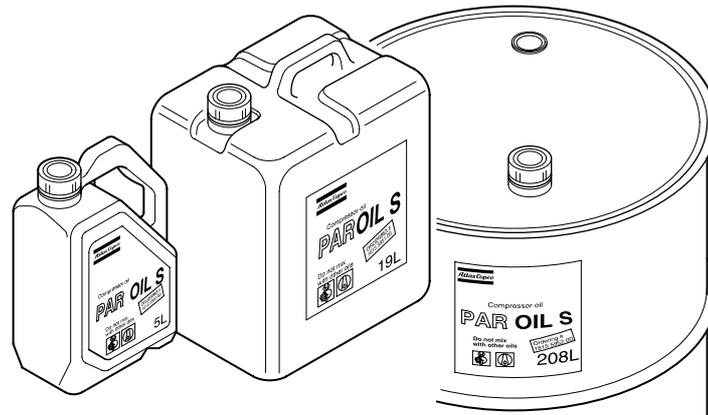
Type of lubricant	Compressor**	Engine*
between 30 °C and 40 °C (86 °F and 104 °F)	PAROIL S	PAR OIL SAE 15W40
between -5 °C and 30 °C (23 °F and 86 °F)	PAROIL M PAROIL S	PAR OIL SAE 15W40
between -20 °C and -5 °C (-4 °F and 23 °F)	PAROIL S	other brand of oil* SAE 15W40

### Note

\* If you want to use another brand of oil, consult the Engine Operation Manual.

\*\* It is strongly recommended to use Atlas Copco branded lubrication oils for the compressor. If you want to use another brand of oil, consult Atlas Copco for more information concerning the recommended oil and service intervals.

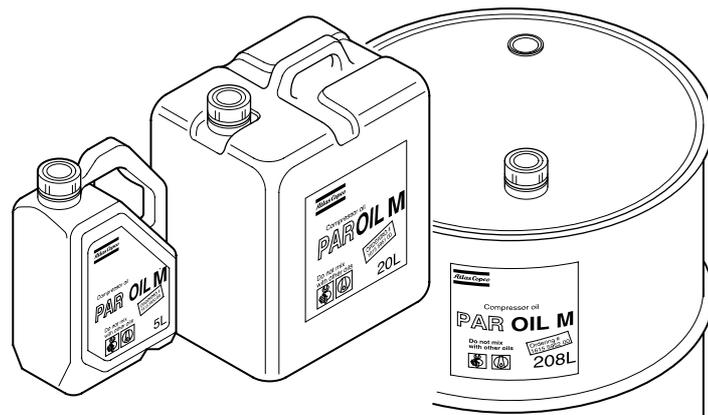
**Synthetic compressor oil PAROIL S**



For use in ambient temp. below -10 °C (14 °F):

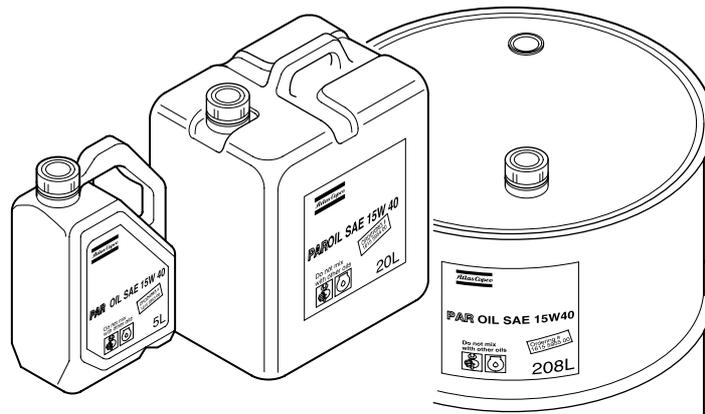
Liter	Order number
5 liter can	1615 5950 00
20 liter can	1615 5951 00
208 liter barrel	1615 5952 00

**Mineral compressor oil PAROIL M**



For use in normal conditions:

Liter	Order number
5 liter can	1615 5947 00
20 liter can	1615 5948 00
208 liter barrel	1615 5949 00

**Mineral engine oil PAROIL SAE 15 W 40**

For use in normal conditions:

Liter	Order number
5 liter can	1615 5953 00
20 liter can	1615 5954 00
208 liter barrel	1615 5955 00

**Warning**

Never mix synthetic with mineral oil.

**Note**

When changing from mineral to synthetic oil (or the other way around), you will need to do an extra rinse:

After doing the complete change procedure to synthetic oil, run the unit for a few minutes to allow good and complete circulation of the synthetic oil. Then drain the synthetic oil again and fill again with new synthetic oil. To set correct oil levels, proceed as in normal instruction.

## 4.7 Change of oil and oil filters

### Oil change interval

The quality and the temperature of the oil determine the oil change interval.

The prescribed interval is based on an oil temperature of up to 100 °C (212 °F) and normal operating conditions.

When operating in high ambient temperatures, in very dusty or high humidity conditions, it is recommended to change the oil more frequently. In this case, contact Atlas Copco.

### Changing the oil and oil filter

See “Leading particulars - General description” and “Leading particulars - Markings and information labels” for location of the valves, filters, drain plugs and filler caps.

Step	Action
1	Run the compressor until warm. Close the outlet valve(s) and stop the compressor. Wait until the pressure is released through the automatic blow-down valve. Unscrew the oil filler plug one turn. This uncovers a vent hole, which permits any pressure in the system to escape.
2	Drain the oil by removing all relevant drain plugs. Drain plugs are located at the air receiver, the compressor element and the drain block. Catch the oil in a drain pan. Screw out the filler plug to speed up draining. Tighten the plugs after draining.
3	Remove the oil filter, e.g. by means of a special tool. Catch the oil in a drain pan.
4	Clean the filter seat on the manifold, taking care that no dirt drops into the system. Oil the gasket of the new filter element. Screw it into place until the gasket contacts its seat, then tighten one half turn only.
5	Fill the air receiver to the brim. Be sure that no dirt gets into the system. Reinstall and tighten the filler plug.
6	Start the compressor and let it run unloaded for a few minutes.
7	Stop the compressor, wait a few minutes and top up with oil to the brim.

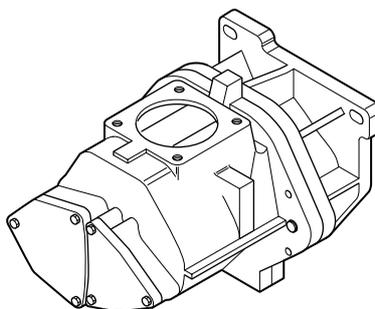
## 4.8 Topping up the compressor oil

### Topping up

Step	Action
1	Stop the compressor and be sure that all pressure has been released by opening the filler plug one turn.
2	Wait a few minutes until the oil level is constant.
3	Remove the oil filler plug and top up to the brim.
4	Reinstall and tighten the filler plug.

## 4.9 Compressor element overhaul

### Overhaul



Step	Action
1	When a compressor element is due for overhaul, it is recommended to have it done by Atlas Copco. This guarantees the use of genuine parts and correct tools with care and precision.

## 4.10 Liability

### Warning

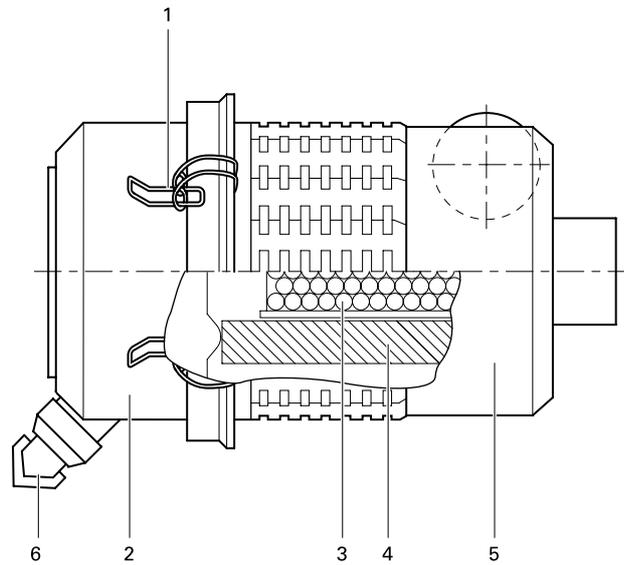
Atlas Copco does not accept any liability for any damage arising from the use of non-original parts and for modifications, additions or conversions made without the approval in writing of Atlas Copco.

## 5 Adjustments & servicing procedures

### 5.1 Air filter

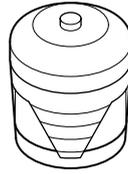
#### 5.1.1 Main parts

##### Air filter



Reference	Name
1	Snap clips
2	Dust trap
3	Safety cartridge (option)
4	Filter element
5	Filter housing
6	Vacuator valve

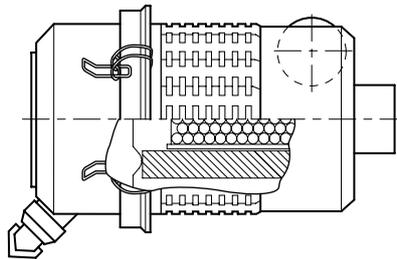
**Vacuum indicator**



Reference	Name
7	Air filter contamination indicator
8	Reset button
9	Yellow indicator

**5.1.2 Recommendations**

**Illustration**



**Warning**

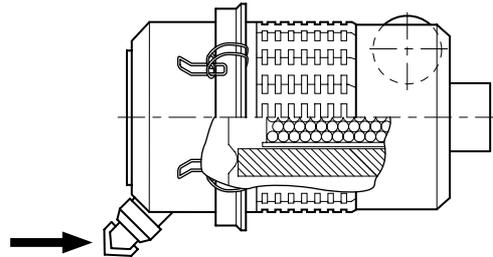
- Never remove the air filter while the compressor is running.
- Make sure that no dust enters the air inlet while replacing the filter element.
- Inspect new filter elements for damage before installation. Discard damaged elements.

**Recommendations**

- The Atlas Copco air filters are specially designed for the application. The use of non-genuine air filters may lead to severe damage of engine and/or compressor element.
- In heavy duty applications it is recommended to install a safety cartridge which can be ordered with part no.: 2914 9307 00.
- A dirty safety cartridge is an indication of a mal-functioning air filter element. Replace the element and the safety cartridge in this case.
- The safety cartridge cannot be cleaned.

### 5.1.3 Cleaning the dust trap

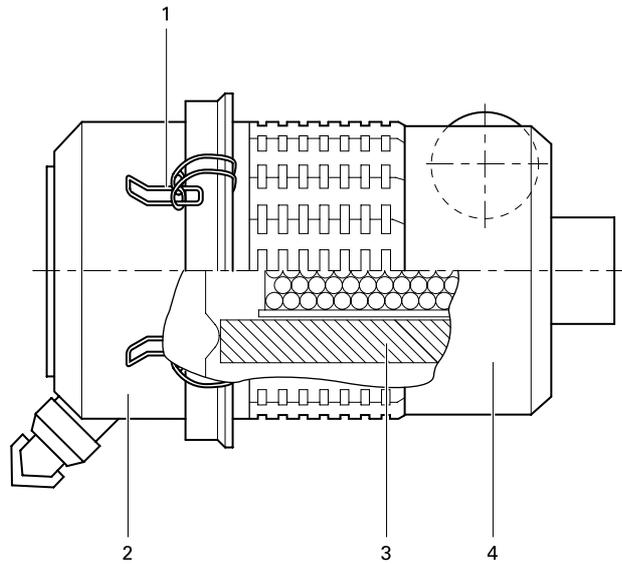
#### Cleaning



To remove dust from the dust trap pinch the vacuator valve several times.

### 5.1.4 Replacing the air filter element

#### Replacing air filter element



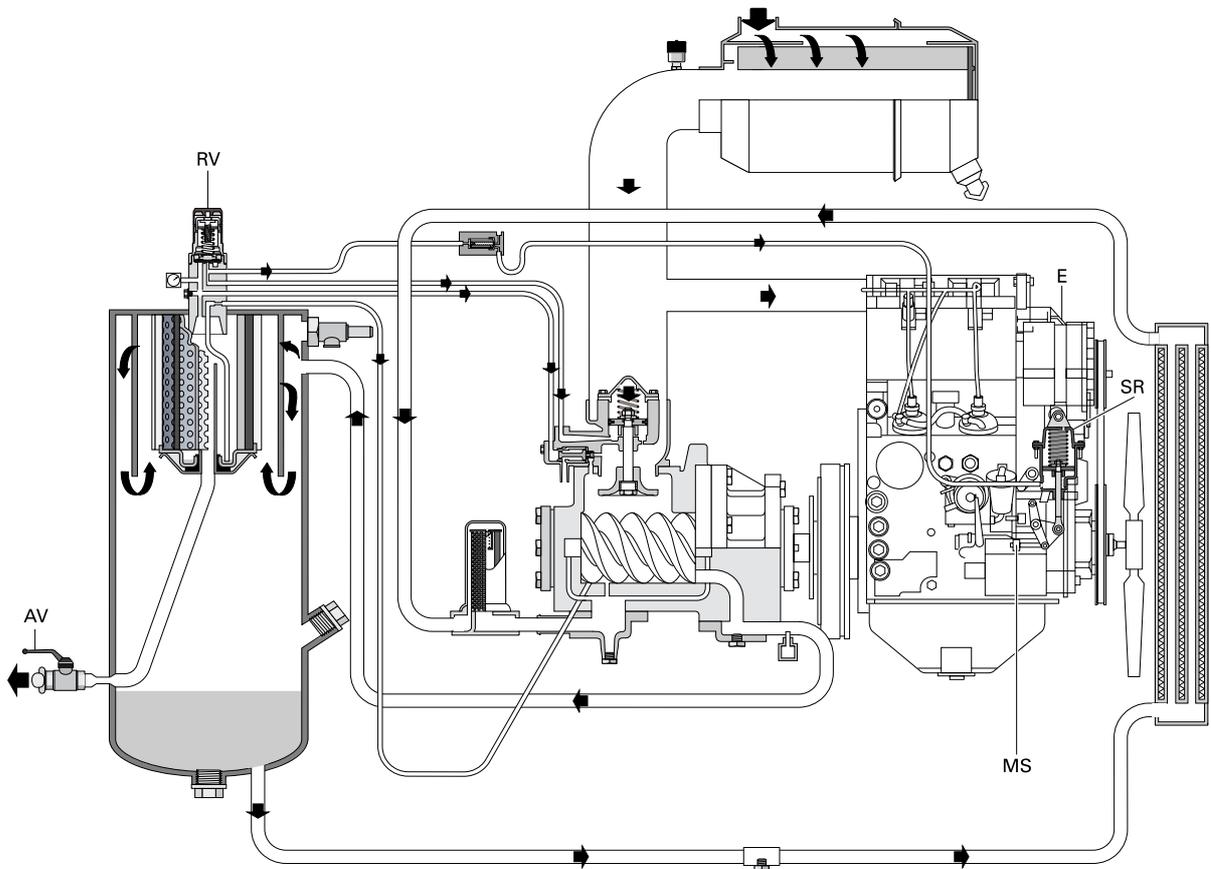
<b>Step</b>	<b>Action</b>
1	Release the snap clips (1) and remove the dust trap (2).
2	Clean the trap (2).
3	Remove the element (3) from the housing (4).
4	Reassemble in reverse order of dismantling.
5	Inspect and tighten all air intake connections.
6	Reset the vacuum indicator.

## 5.2 Adjustments of the regulating system

### When?

The regulating system has to be adjusted if the regulating valve does not load or unload the compressor at the pressures listed in the "Technical specifications".

### Illustration

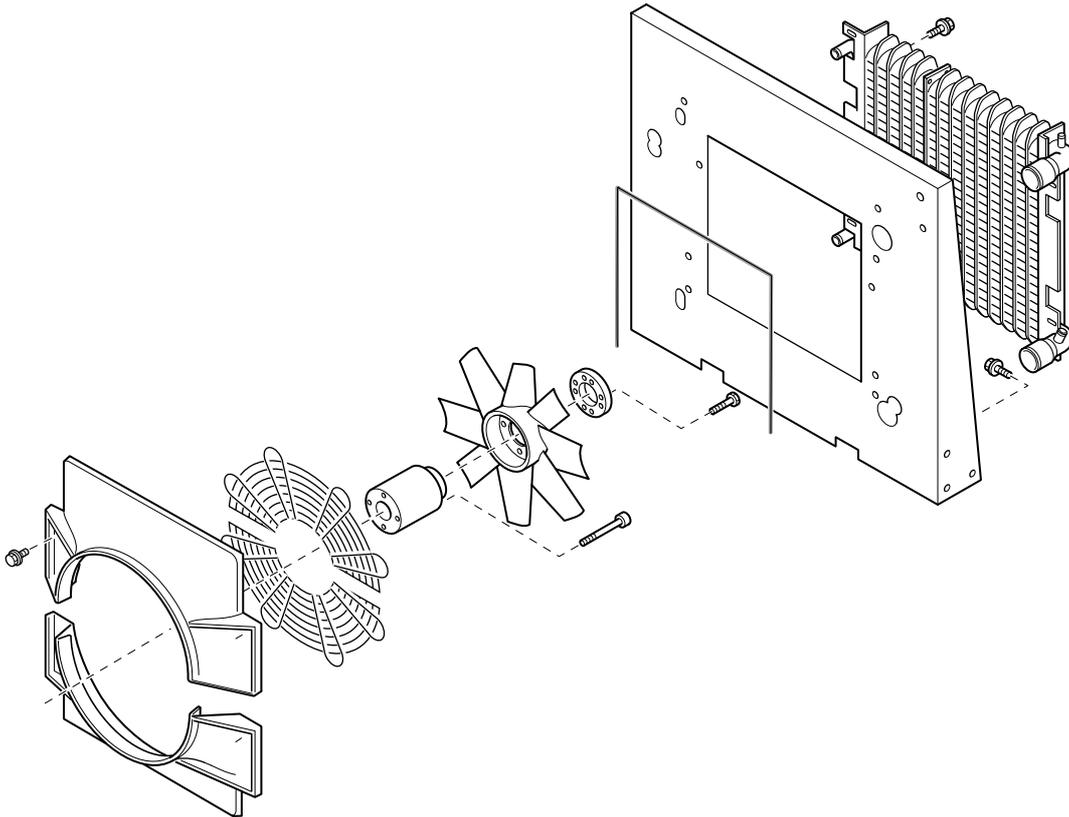


### Adjusting the regulating system

Step	Action
1	Start the compressor and let it warm up.
2	Make sure that the air outlet valves (AV) are closed. Adjust the regulating valve (RV) until a pressure between 8 and 8,5 bar (116.03 and 123.28 psi) is obtained.
3	Check the minimum speed of the engine (E) and, if necessary, adjust the minimum speed top screw (MS).
4	Open an air outlet valve (AV) just enough to let the engine (E) run at maximum speed. The operating pressure must be 7 bar (101.53 psi). Adjust, if necessary, by means of the regulating valve (RV).
5	Check the maximum speed of the engine (E) and, if necessary, adjust by means of the eccentric nut on top of the speed regulator (SR).
6	Close the air outlet valves (AV) and check that the pressure is between 8 and 8,5 bar (116.03 and 123.28 psi). Tighten the locknut of the regulating valve (RV).

## 5.3 Cleaning the oil cooler

### Illustration



### Preparation

Step	Action
1	The fan side surface of the oil cooler is accessible by removing the airsprings of the hood.
2	Disconnect the electric wiring and the pressure hose.
3	Put a protection between the hood and the prop.

## Cleaning the oil cooler

Step	Action
1	Blow compressed air through the oil cooler in the opposite direction of the normal air flow.
2	Loosen the fan housing on the right or the left. Pull it to a slight angle and remove any dust.
3	Retighten the fan housing and reinstall the hood.

### Note

Steam cleaning in combination with a cleaning agent may be applied.

### Warning

Remove any dirt from the coolers with a fibre brush. Never use a wire brush or metal objects.

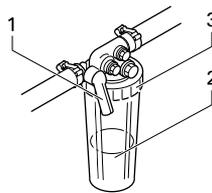
To avoid damaging the coolers, angle between jet and coolers should be approx. 90 °C (194 °F).

Protect the electrical and controlling equipment, air filters etc. against penetration of moisture.

Never leave spilled liquids such as fuel, oil, water and cleaning agents in or around the compressor.

## 5.4 Emptying the water separator

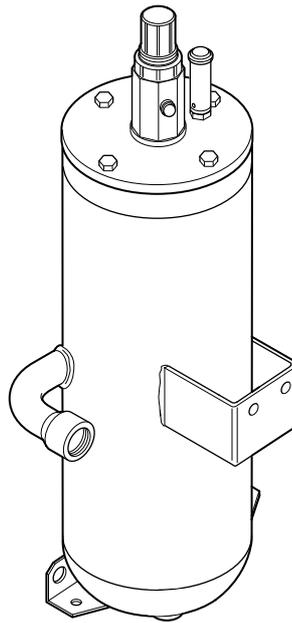
The water separator has to be drained when the red ring, indicating the water level, is against the stop.



Step	Action
1	Stop the compressor and turn the valve (1) on top of the water separator up, to cut off the fuel supply.
2	Remove the water separator (2) by unscrewing the ring (3) on top of the element. Empty the water separator (2).
3	Reinstall the water separator (2) and turn the valve (3) down.
4	Bleed before starting.

## 5.5 Air receiver

### Illustration



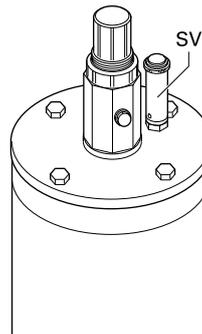
### Note

The air receiver is tested according to official standards.

Regularly have inspections carried out in conformity with local regulations.

## 5.6 Safety valve

### Illustration



### Warning

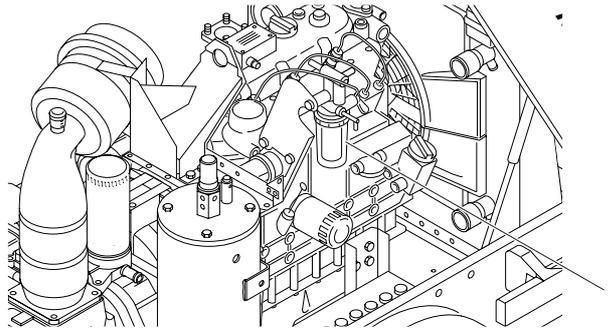
All tests, adjustments or repairs of the safety valve are to be done by a qualified person.

### The following checks must be carried out:

Step	Action
1	Check the opening of the safety valve by means of the lifting gear, twice a year. This can be done by screwing the top of the valve anti-clockwise.
2	Check of the set pressure once a year according to the local regulations. This check can only be carried out on a suitable test bench and cannot be done on the machine itself.

## 5.7 Fuel sytem

### Replacing the filter element.



Step	Action
1	Unscrew the filter element (1) from the adapter head.
2	Clean the adapter head sealing surface. Lightly oil the gasket of the new element and screw the latter onto the header until the gasket is properly seated, then tighten with both hands.
3	Check for fuel leaks once the engine has been restarted.

## 5.8 Shut-down switches

### Note

Refer to Service Bulletin ASB 2931 0547 00 for more information on testing the shut-down switches.

### Temperature shut-down switch for the compressor

The temperature shut-down switch for the compressor must always be set at 120 °C (248 °F).

The temperature shut-down switch is tested and adjusted with the key on the back of the temperature gauge.

Check the correct operation of the temperature gauge by comparing the ambient temperature with the temperature shown on the gauge before the compressor is started. Both values should be approximately the same.

### Temperature shut-down switch for the cooling water

The temperature shut-down switch for the cooling water opens at 110 °C (230 °F) and is not adjustable.

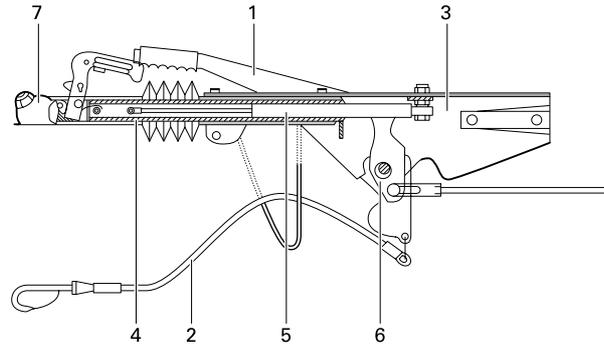
### Shut-down switch for engine oil pressure

The shut-down switch closes at 0,5 bar (7.25 psi) and is not adjustable.

## 5.9 Overrun device

### 5.9.1 Structure and function of the overrun device

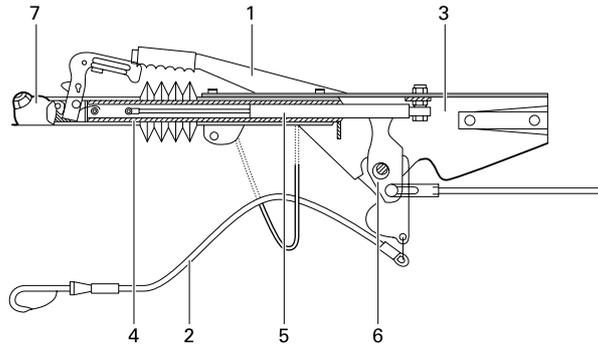
#### Structure



*Overrun device - Structure*

Part	Function
1	Hand brake device
2	Contact-breaking cable
3	Housing
4	Tow bar
5	Shock absorber
6	Transmission shift lever
7	Coupling element

**Function**



*Overrun device - Function*

The overrun device (1) can be considered the control unit for the inertia braking system.

Braking the towing vehicle generates thrust on the towbar at the coupling point (2). Once the response threshold has been passed, the tow bar (3) is pushed in and the wheel brakes (5) are actuated via the power transmission device (4).

**5.9.2 Servicing - Checking functions**

**Hand brake**

Step	Action
1	Set hand brake and check that lever is not stiff.
2	Check state of gas spring.
3	Check state of spring loader.

**Tow bar bearing**

Step	Action
1	Extend tow bar as far as stop.
2	Push tow bar up and down. Maximum play should be +/- 1.5 mm.

### Mounting screws on overrun device and coupling

Step	Action
1	Check that all mounting screws on the overrun device and coupling are tight (note torque).

### Contact-breaking cable

Step	Action
1	Check contact-breaking cable ring at hand brake lever.
2	Check state of cable guide.
3	Check state of carbine swivel.
3	Check state of cable.

## 5.9.3 Servicing - Lubrication

### Lubrication interval

Lubricate or oil the joints and sliding parts of the overrun device every 10,000 - 15,000 km (6214 - 9320 mile) or every 12 months!

### Type of lubricant

Multi-purpose grease according to DIN 51825 KTA 3K4

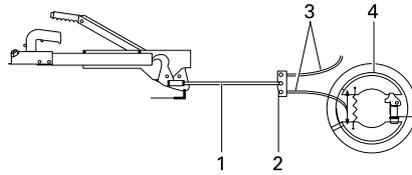
### Lubrication points

Step	Action
1	Grease tow bar in the region of the gaiter.
2	Grease bearing bush via the grease nipples in the housing and sleeve.
3	Grease bearing bolt of the shift and hand brake levers via the grease nipple.
4	Grease joint at swivel head.
5	Oil joints of the spring loader in the hand brake lever.

## 5.10 Wheel brake

### 5.10.1 Structure and function of the wheel brake

#### Structure



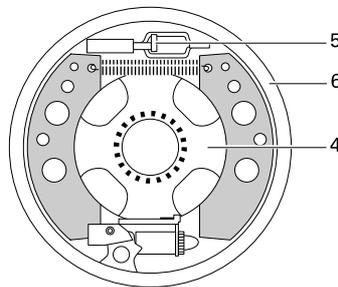
*Wheel brake - function*

Number	Part
1	Brake linkage
2	Equaliser
3	Brake cable
4	Wheel brake

#### Function

When the towing vehicle brakes, the tow bar (1) comes under tension. The equaliser (2) passes on the tensile force to the brake cables (3) of the wheel brakes (4).

#### Structure



*Wheel brake*

Number	Part
5	Backing plate
6	Expander
7	Brake shoes

**Function**

The backing plate (4) is mounted fixed to or welded on to the oscillating lever and does not rotate. When the brake is activated via the brake cables the expander (5) presses the brake shoes (6) against the brake drum. The vehicle is braked.

## 5.10.2 Servicing - Intervals

**First inspection after 1500 km ( 932 mile) or after six months**

See “Maintenance task”

Step	Action
1	Check brake system adjustment.
2	Adjust the brake system if necessary.
3	Check axial play of hub bearing in the case of standard axles.
4	Lubricate the bearings for standard axles.

**Servicing after 10,000 - 15,000 km ( 6214 - 9320 mile) or every 12 months**

See “Maintenance task”

Step	Action
1	Adjust brake system at the wheel brakes.
2	Check brake lining wear through inspection opening in backing plate.
3	Where the towbar has an overrun distance of more than 60% it will be necessary to adjust earlier. This is caused by high use of the brake (use as a utility trailer or frequent hill climbing).

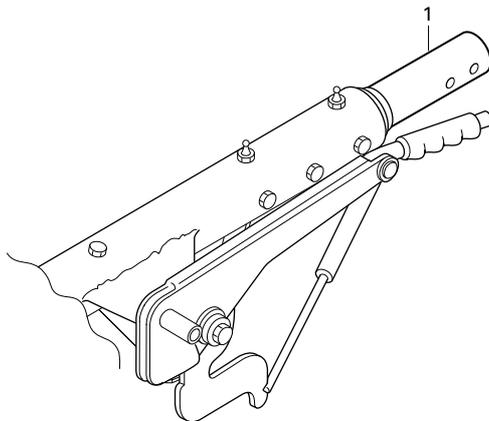
**Servicing after 30,000 km ( 18641 mile) or every 24 months**

See “Maintenance task”

Step	Action
1	Open up wheel brake.
2	Check wear on brake linings.
3	If necessary replace brake linings.
4	Check inner sections of the wheel brake.
5	If necessary, replace fatigued return springs.
6	Grease sliding parts of adjusting nuts, "Rückmatik" lever and expander mounts.
7	Adjust brake system.

### 5.10.3 Servicing - Maintenance tasks

**Before carrying out maintenance**

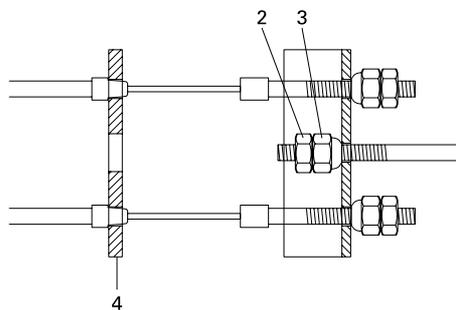


Step	Action
1	Raise trailer with lifting platform.
2	Extend towbar (1) of overrun device as far as the stop.
3	Open the hand brake lever fully (push downwards).

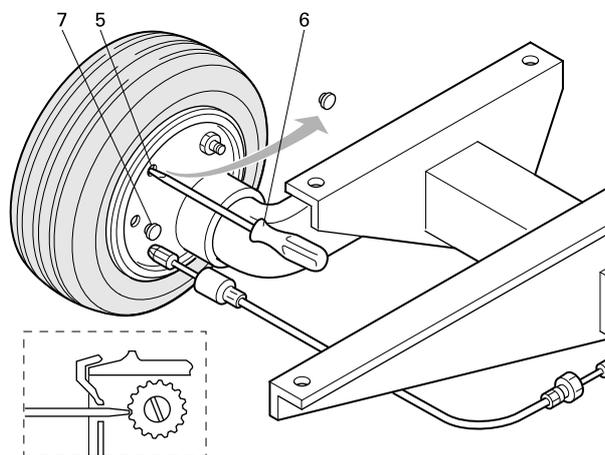
**Check brake system adjustment**

Step	Action
1	Raise trailer.
2	Put on hand brake lever as far as the first tooth. In the gas spring version hold the lever at the first tooth by hand.
3	Rotate wheels in the direction of travel.
4	Check whether there is even brake resistance.
5	If necessary, adjust the brake system.

**Adjust brake system**



Step	Action
1	Undo the brake linkage at the equaliser fully.
2	Undo hexagon nut (2).
3	Undo ball nut (3).
4	Check brake cable play at axle support (4): approx. 5 mm (0.2 in). The play in the brake cables for the wheel brakes of an axle should be as equal as possible.



5	Remove fill plug from the adjustment opening (5).
6	Rotate the adjusting nut with a screwdriver (6). Next to the adjustment opening is an arrow engraved in the backing plate. Turned in the direction of the arrow: adjust brake; Turned counter to the direction of the arrow: release brake.
7	Grease the contact surface of the ball nut (3).
8	Join the brake linkage at the equaliser to the ball nut, do not yet tighten the screw.
9	Tighten the ball nut until the brake cables have an initial tension of 1 - 2 mm (0.04 - 0.08 in).
10	Lock the ball nut with a hexagon nut.

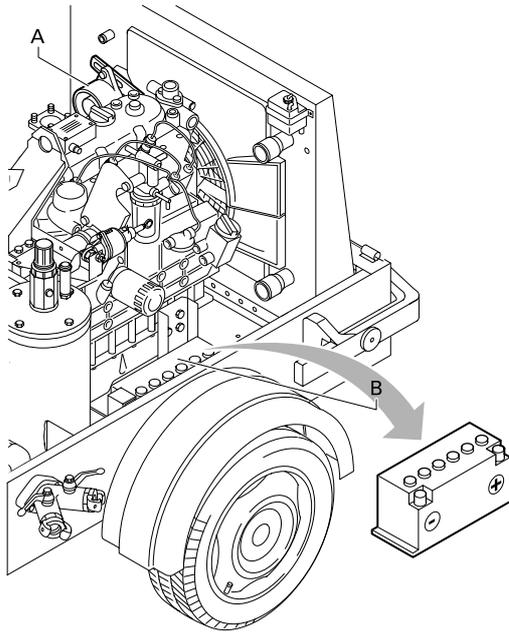
Check brake lining wear through inspection opening in backing plate

11	Remove fill plug from the inspection opening (7).
12	Check condition of brake lining.
13	If necessary, replace brake linings. Replace brake shoes when linings are below 2 mm (0.08 in) residual thickness.

## 6 Problem solving

### 6.1 Alternator precautions

#### Illustration



#### Precautions

- Never reverse the polarity of the battery or the alternator.
- Never break any alternator or battery connections while the engine is running.
- When recharging the battery, disconnect it from the alternator. Before using booster cables to start the engine, be sure of the polarity and connect the batteries correctly.
- Never operate the engine without the main or voltage sensing cables connected in the circuit.

## 6.2 Problem solving chart

### Introduction

The chart helps to solve mechanical and electrical problems.

It is assumed that the engine is in good condition and that there is adequate fuel flow to the filter and injection equipment.

Make sure that the wires are not damaged and that they are clamped tight to their terminals.

An electrical fault must be traced by an electrician.

### Symptom: *Engine does not start (1)*

Possible cause	Corrective action
Circuit breaker not pressed	Press the circuit breaker
Defective or dead battery	Check the electrolyte level and the battery charge
Loose electrical connections or damaged wiring	Repair as needed
Fuel tank empty	Top up fuel
Ignition switch defective	Replace the ignition switch
Alternator/regulator defective	Replace the defective part
Startrelay/starter motor defective	Check the start relay or have the starter motor replaced

(1) For engine problems, also see the instruction manual of the engine.

### Symptom: *Starter motor cranks engine when switching S1 to position 1 but engine does not fire*

Possible cause	Corrective action
Ignition switch defective	Replace the ignition switch
Fuel solenoid defective	Check solenoid and its valve; correct or replace as necessary
Low battery output	Check the electrolyte level and the battery charge

### Symptom: *Engine fires but alarm lamp H1 remains alight; compressor stops when releasing S1*

Possible cause	Corrective action
Alternator drive belt broken or slipping	Check and correct as necessary
Alternator/regulator defective	Have assembly repaired

**Sympton: *Unit shuts down prematurely***

<b>Possible cause</b>	<b>Corrective action</b>
Starter switch released too soon	Release button after engine oil pressure has built up to above the minimum allowed value
Fuel tank empty	Top up fuel and bleed the fuel system
Insufficient engine oil pressure	Stop at once, consult Engine Operation Manual
Temperature shut down switch for compressor activated	See "Compressor overheated"
Shut down switch for engine oil pressure activated	Check the engine oil level and the oil filter
Temperature shut down switch for cooling water activated	Check the water level in the water cooler consult Engine operation Manual
Shut down switch defective	Check the operation of the shut down switches
Electrical failure	Check the electrical wiring

**Sympton: *Output capacity or pressure lower than normal***

<b>Possible cause</b>	<b>Corrective action</b>
Air consumption exceeds capacity of compressor	Check the connected equipment
Air filter (element) clogged	Check the vacuum indicator and clean or replace the air filter element if necessary
Engine does not run at maximum speed	Check the maximum speed and the fuel filter and water level in the water separator
Oil separator element clogged	Replace the element
Unloading valve not completely open	Adjust the engine speed regulating cable
Air under high pressure escapes	Check for air leaks

**Sympton: *Compressor overheated***

<b>Possible cause</b>	<b>Corrective action</b>
Insufficient cooling because engine exhaust is being drawn in	Move the compressor
Oil cooler clogged	Clean the oil cooler
Compressor oil level too low	Top up compressor oil and check for oil leaks
Wrong compressor oil	Use the recommended compressor oil
Cooling fan defective	Replace fan
Oil separator element clogged	Replace oil separator
Oil stop valve is stuck in closed position	Repair the valve
Faulty temperature shut down switch	Check the operation of the shut down switches

**Sympton: *Excessive compressor oil consumption***

<b>Possible cause</b>	<b>Corrective action</b>
Restrictor in the oil return line clogged	Dissassemble, clean and reinstall the restrictor
Defective oil separator element	Replace the element
Oil level too high	Check the oil level. Release pressure and drain oil to correct level

**Sympton: *After stopping, air and oil escape from the air filter***

<b>Possible cause</b>	<b>Corrective action</b>
If mainly air: defective check valve	Repair the valve
If mainly oil: defective oil stop valve	Repair the valve
Bad functioning of the unloading valve	Check the free operation of the unloading valve
Wrong oil	Use the recommended compressor oil

**Sympton: *Safety valve blows***

Possible cause	Corrective action
Air leaks in regulating system	Check and repair
Operating pressure is too high because the regulating valve is incorrectly adjusted or defective	Adjust or repair the regulating valve
Unloading valve blocked	Repair the unloading valve mechanism
Safety valve opens too soon	Replace the valve

**Sympton: *Compressor shuts down through a shut down switch***

Possible cause	Corrective action
Alternator V-belt broken or slipping	Re-tense or replace V-belt
Compressor overheating	See “Compressor overheating”
Engine oil pressure too low	Check lubricating system
Engine temperature too high	Check engine oil system, consult Engine Operation Manual

**Sympton: *Lamps (H1, H2) do not light up when applying lamp test***

Possible cause	Corrective action
Lamp (H1, H2) blown	Replace lamp
Defective or dead battery	Check the electrolyte level and the battery charge
Loose battery cable(s) or oxidised terminals	Check and correct as necessary
Loose connection or damaged wiring	Check wiring and connections, correct as necessary
Ignition switch defective	Replace the ignition switch
Circuit breaker defective	Replace circuit breaker

**Generator: *Circuit breakers are off (down)***

Possible cause	Corrective action
Short circuit or overload	Remedy fault. Switch on circuit breakers
Circuit breakers switched off	Switch on circuit breakers

**Generator: *Green lamp H3 is deactivated***

Possible cause	Corrective action
Circuit breakers are off	Switch on circuit breakers
Serious electrical fault	Consult Atlas Copco

## 6.3 Problem solving chart - generator

### Introduction

The chart helps to solve mechanical and electrical problems.

It is assumed that the engine is in good condition and that there is adequate fuel flow to the filter and injection equipment.

Make sure that the wires are not damaged and that they are clamped tight to their terminals.

An electrical fault must be traced by an electrician.

**Symptom: *Circuit breakers are off (down)***

Possible cause	Corrective action
Short circuit or overload	Remedy fault. Switch on circuit breakers
Circuit breakers switched off	Switch on circuit breakers

**Symptom: *Green lamp H3 is deactivated***

Possible cause	Corrective action
Circuit breakers are off	Switch on circuit breakers
Serious electrical fault	Consult Atlas Copco

## 7 Technical specifications

### 7.1 Specification of the compressor/engine/unit

#### Reference values

Absolute air inlet pressure	1 bar (14.5 psi)
Air inlet temperature	20 °C (68 °F)
Relative air humidity	0 %
Normal effective working pressure	7 bar (101.53 psi)

#### Compressor

Maximum (unloading) pressure	8.2 - 8.7 bar (118.93 - 126.18 psi)
Normal operating pressure (1)	7 bar (101.53 psi)
Minimum operating pressure	3 bar (43.51 psi)
Free air delivery (normal working pressure, max. speed)	34 l/s (71.98 cfm)
Capacity of oil system	4.5 l (1.19 US gal) (0.99 Imp gal) (0.16 cu.ft)

(1) Valid up to an altitude of 1000 meter (39000 in). Consult Atlas Copco for operation at higher altitudes and in extreme conditions.

#### Engine

Type YANMAR diesel (water cooled)	3TNE68
Maximum engine shaft speed	3600 rpm
Minimum (unloading) speed	2400 rpm
Battery	12 V - 44 Ah

Capacity of oil system, initial fill	3.5 l (0.92 US gal) (0.77 Imp gal) (0.12 cu.ft)
Capacity of fuel tank	29 l (7.66 US gal) (6.38 Imp gal) (1.02 cu.ft)
Capacity of cooling system	4.5 l (1.19 US gal) (0.99 Imp gal) (0.16 cu.ft)

### Generator

Electric power 110V/50Hz	4 kVA
Rated current	32 A
Power Factor	1
Sockets	16/32 A

### Unit

Air outlet valves	2 x 3/4"
Maximum ambient temperature	45 °C (113 °F)
Sound level according to ISO 2151 (2)	72 dB(A)
Sound level according to 84/533/EEC	100 dB(A)
Maximum towing speed (3)	130 km/h (80.8 miles/h)
Tyre size	155/80 R13 79T 145/80 R13 75T 135/80 R13 70T
Effective tyre pressure	2.2 bar (31.91 psi)

(2) Measured under free field conditions at a distance of 7 m (273 in).

(3) If not limited by local regulations.

**Dimensions (L x W x H)**

Unit with fixed towbar and towing eye ( GB 50mm)	2753 x 1280 x 1145 (mm) (107.37 x 49.92 x 44.66 (in))
--	--

**Net weight (dry)**

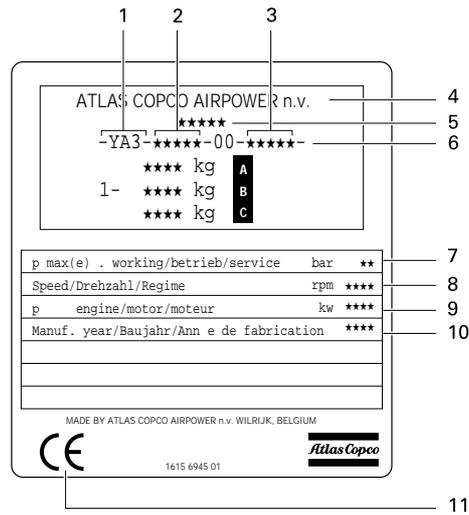
Unit with fixed towbar and brakes	445 kg (981.23 lb)
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**Torque values**

<b>For hexagon bolts with a strength factor of 8.8:</b>	Torque value (Nm) (lbf.ft)
Thread size M6	9 (6.64)
Thread size M8	23 (16.97)
Thread size M10	46 (34.69)
Thread size M12	80 (59.04)
Thread size M14	125 (92.25)
Thread size M16	205 (151.29)
<b>Wheel nuts</b>	80 +10/-0 (59.04 +7.38/-0)
<b>Bolts, towbar / frame</b>	80 ±10 (59.04 ±7.38)
<b>Bolts, lifting eye / frame</b>	80 ±10 (59.04 ±7.38)

## 7.2 Dataplate

### Dataplate



A	Maximum permitted loaden weight of the vehicle
B	Maximum permitted road weight of the vehicle
C	Maximum permitted loaden weight of the towing eye
1	Company code
2	Product code
3	Unit serial number
4	Name of the manufacturer
5	EEC or national type approval number
6	Vehicle identification number
7	Workin pressure
8	Speed
9	Engine power
10	Manufacturing year
11	EEC mark in accordance witt Machine Directive 89/392 EEC

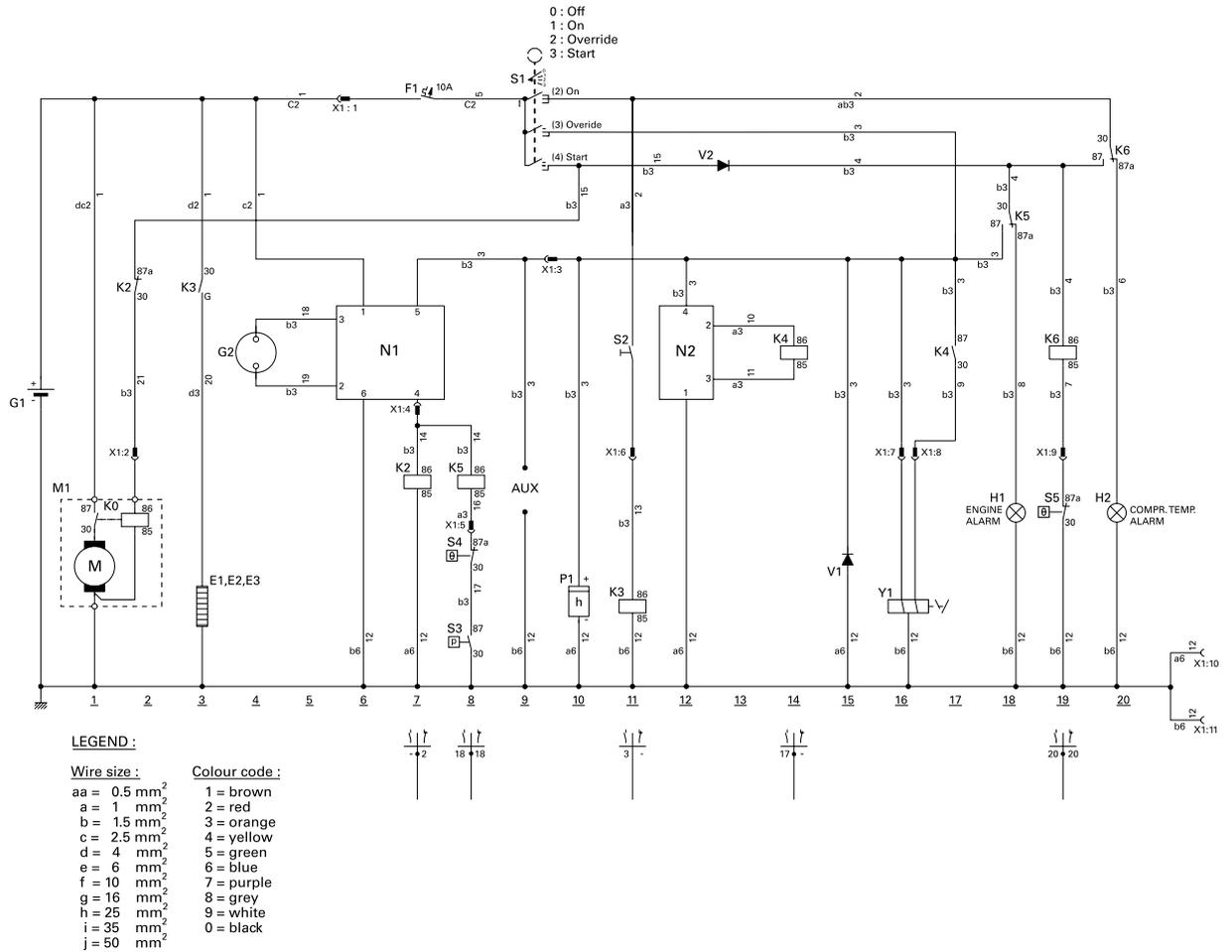
## 7.3 Conversion list of SI units into British units

### Conversion list

1 bar	=	14.504 psi
1 g	=	0.035 oz
1 kg	=	2.205 lb
1 km/h	=	0.621 mile/h
1 kW	=	1.341 hp (UK and US)
1 l	=	0.264 US gal
1 l	=	0.220 Imp gal (UK)
1 l	=	0.035 cu.ft
1 m	=	3.281 ft
1 mm	=	0.039 in
1 m/min	=	35.315 cfm
1 mbar	=	0.401 in wc
1 N	=	0.225 lbf
1 Nm	=	0.738 lbf.ft
t <sub>F</sub>	=	32 + (1.8 x t <sub>C</sub> )
t <sub>C</sub>	=	(t <sub>F</sub> - 32)/1.8

# 8 Circuit diagrams

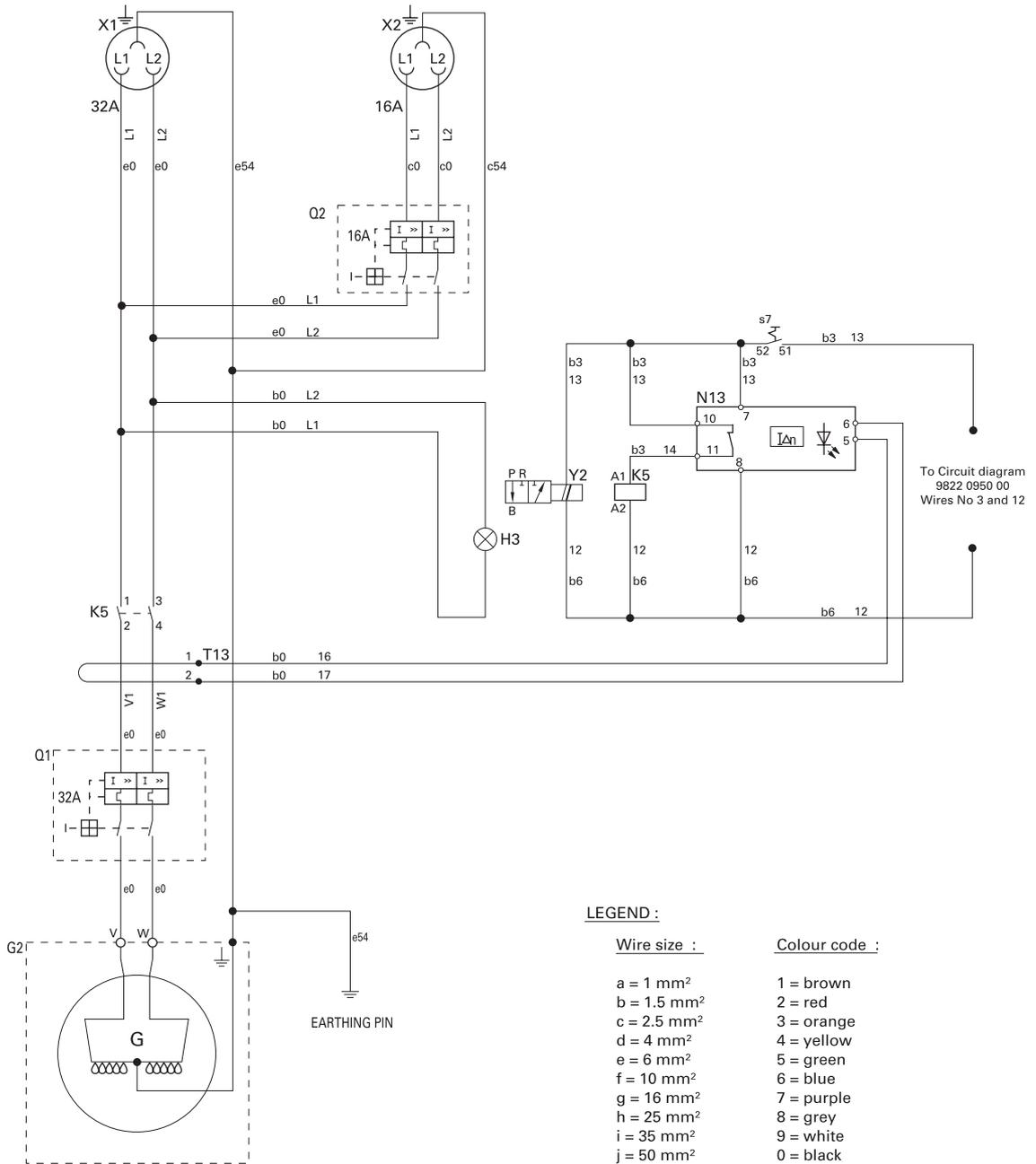
## Control circuit diagram



E	Glow plug engine
F1	Circuit breaker
G1	Battery
G2	Charging generator
H1	Lamp (engine alarm)
H2	Lamp (compressor alarm)
K0	Starter solenoid
K2	Relay (starter protection)
K3	Relay (glowplugs)
K4	Relay (timer fuel solenoid)
K5	Relay (engine alarm)
K6	Relay (oiltemp. compressor)

M1	Starter motor
N1	Regulator
N2	Timer (fuel solenoid)
P1	Hourmeter
S1	Start switch (key operated)
S3	Press. switch (engine oil)
S4	Temp. switch (engine coolant)
S5	Temp. switch (compressor)
V1	Free wheeling diode
V2	Diode
X1	Connector

**Power circuit diagram**



G2	Generator
H3	Lamp (power on)
K5	Contactor
N13	Earth faultcurrent relay
Q1	Main circuit breaker 2-pole
Q2	Circuit breaker 2-pole
S7	Switch (generator-compressor)

T13	Current transformer (n13)
X1	Outlet socket
X2	Outlet socket
Y2	Solenoid valve (generator action)

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---

PARTS LIST  
ONDERDELENLIJST  
LISTE DE PIÈCES  
ERSATZTEILLISTE  
LISTA DE LAS PIEZAS DE RECAMBIO  
RESERVDEL SFÖRTECKNING

ELENCO DELLE PARTI  
DELELISTE  
RESERVEDELSLISTE  
ΛΙΣΤΑ ΕΞΑΡΤΗΜΑΤΩΝ  
LISTA DE PEÇAS  
OSALUETTELO

---

### **ORDERING SPARE PARTS**

Always quote the part number, the designation and the quantity of the parts required, as well as the type and the serial number of the machine.

### **EXPLANATION OF THE COLUMNS**

#### *REF : REFERENCE CODE*

Establishes the connection between a part in the list and a part in the illustration.

"—" means that the part is not shown in the illustration.

#### *PART NUMBER*

If no part number is given, the part cannot be obtained as a spare part.

Parts marked with a dot are part of the assembly listed right above them.

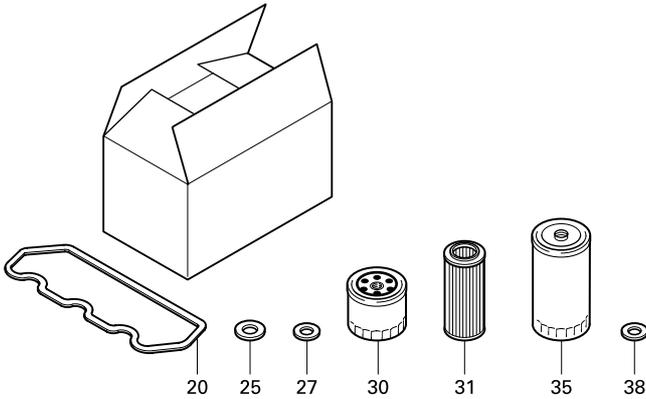
#### *DESIGNATION*

Usually this is the name of the part. For standard parts, in addition to the name, a number of characteristics are given.

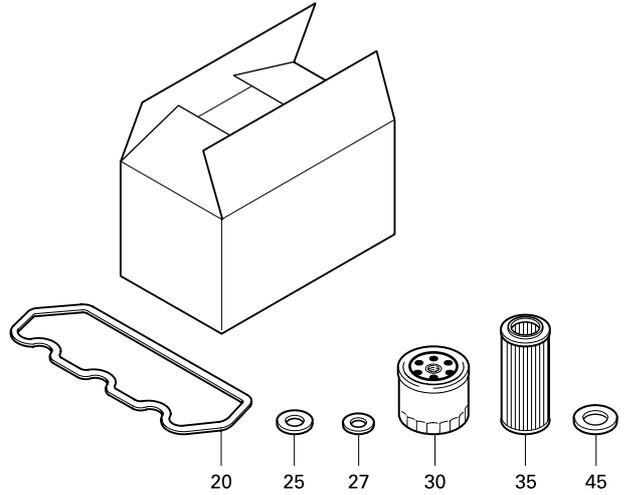
#### *QTY : QUANTITY*

Indicates the quantity of the part concerned. "AR" stands for "As Required".

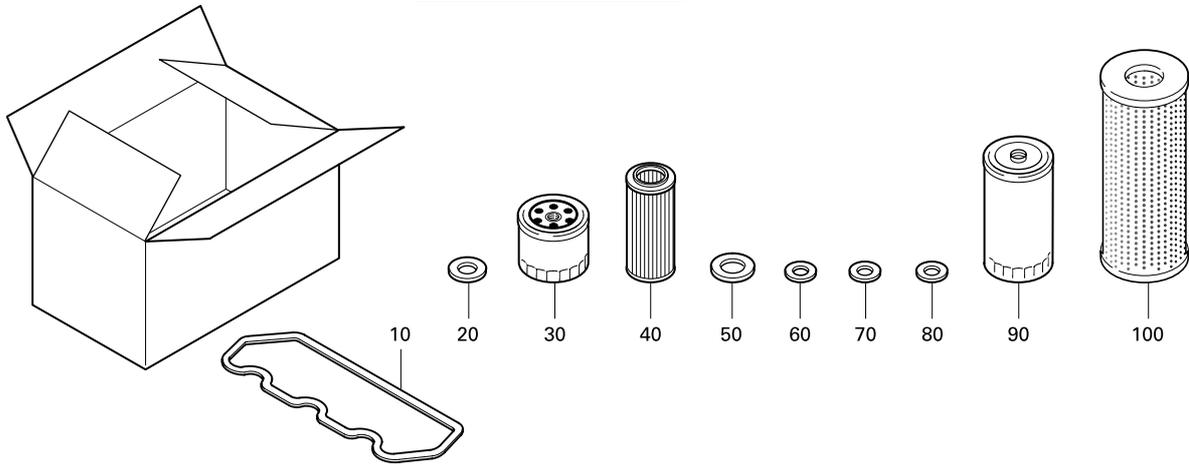
**SERVICE PAK 50 h**



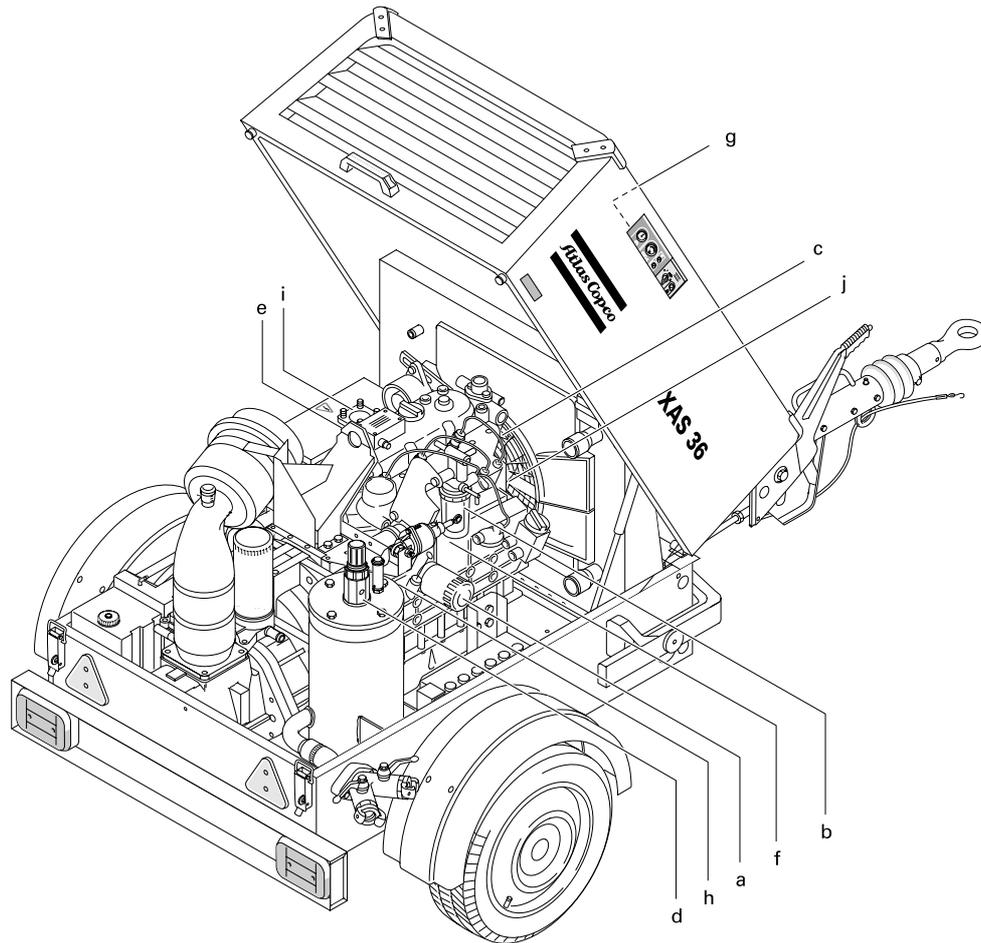
**SERVICE PAK 250 h**



**SERVICE PAK 500 h**



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	With unit	SERVICE PAK 50 HRS		-	2912 4348 06	SERVICE PAK 500 HRS	
• 20	-	ENGINE ROCKER COVER	1	• 10	-	ENGINE ROCKER COVER	1
• 25	-	FLAT GASKET	1	• 20	-	FLAT GASKET	1
• 27	-	FLAT GASKET	1	• 30	-	OIL FILTER ENGINE	1
• 30	-	OIL FILTER ENGINE	1	• 40	-	FUEL FILTER	1
• 31	-	FUEL FILTER	1	• 50	-	SEALING WASHER	1
• 35	-	FILTER ELEMENT	1	• 60	-	SEALING WASHER	1
• 38	-	SEALING WASHER	1	• 70	-	SEALING WASHER	1
-	2912 4049 05	SERVICE PAK 250 HRS		• 80	-	FLAT GASKET	1
• 20	-	ENGINE ROCKER COVER	1	• 90	-	FILTER ELEMENT	1
• 25	-	FLAT GASKET	2	• 100	-	AIR FILTER	1
• 27	-	FLAT GASKET	1				
• 30	-	OIL FILTER ENGINE	1				
• 35	-	FUEL FILTER	1				
• 45	-	SEALING WASHER	1				

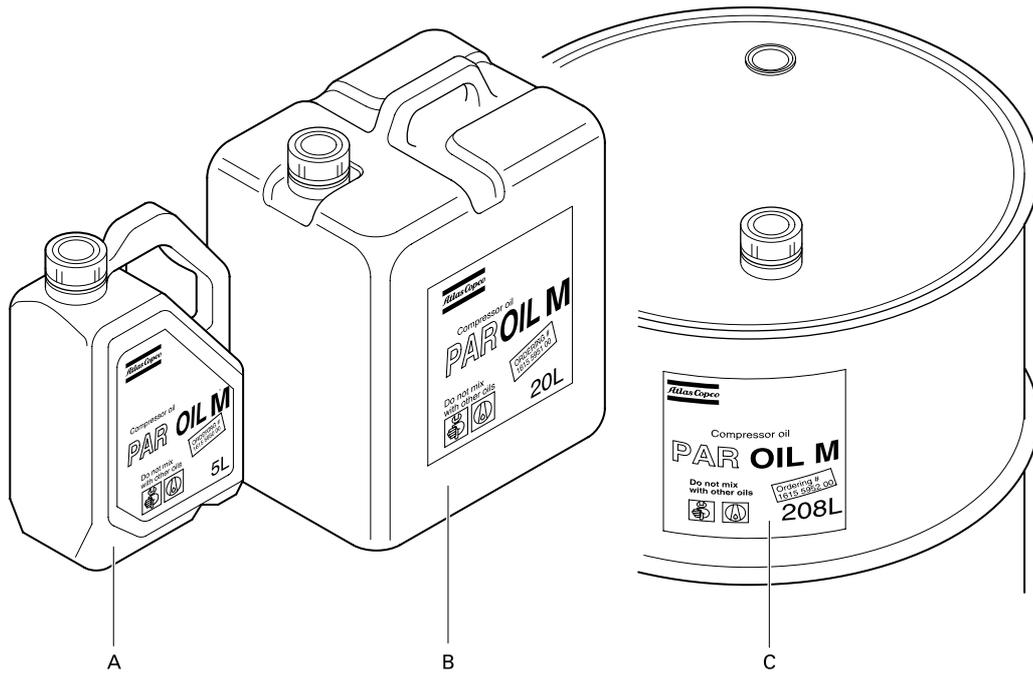


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	-	ENGINE					
• a	2914 8018 00	OIL FILTER					
• b	2914 8019 00	FUEL FILTER					
• c	2914 9204 00	TEMPERATURE SWITCH					
• d	2914 9205 00	OIL PRESSURE SWITCH					
• e	2914 8020 00	GASKET ROCKER COVER					
• f	2914 8091 00	FUEL STOP SOLENOID					
• g	2914 8116 00	TIMER UNIT					
• h	2914 7023 00	LIMITER, CURRENT					
• i	2914 8115 00	GASKET, SILENCER					
• j	2914 8202 00	V-BELT 36YD (3600 RPM)					

COMPRESSOR OIL  
 COMPRESSOR OIL  
 HUILE DE COMPRESSEUR  
 KOMPRESSORÖL  
 ACEITECOMPRESOR  
 KOMPRESSOROLJA

## XAS36 YdG

OLIO COMPRESSORE  
 KOMPRESSOROLJE  
 KOMPRESSOROLIE  
 ΕΛΑΙΟ ΣΥΜΠΙΕΣΤΗ  
 ÓLEO DO COMPRESSOR  
 KOMPRESSORIÖLJYN

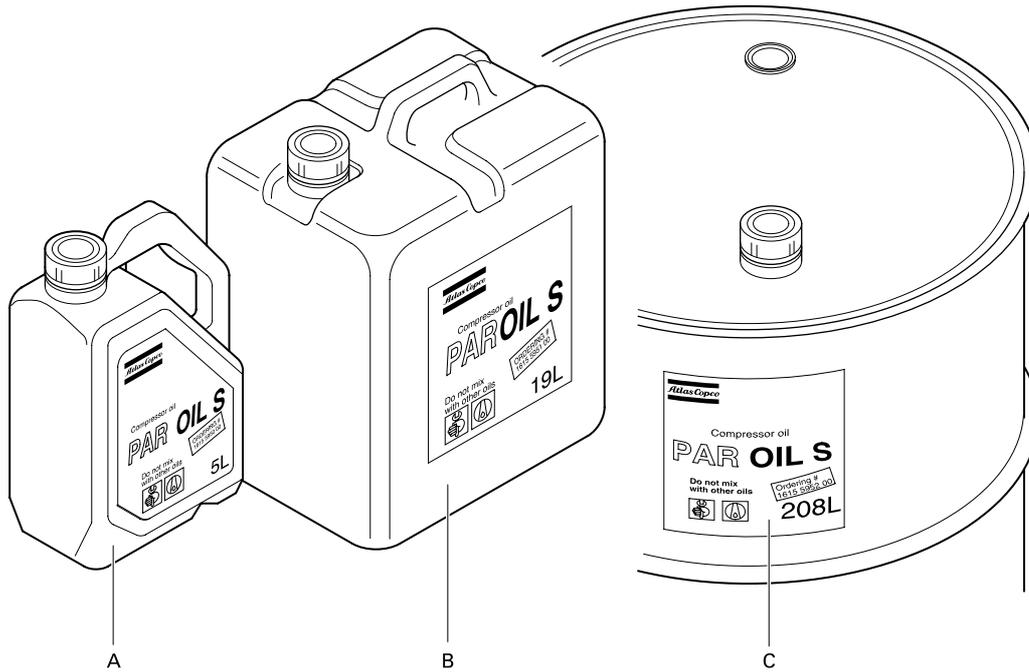


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
A	1615 5947 00	PAR OIL M 5 LITER CAN	1				
B	1615 5948 00	PAR OIL M 20 LITER CAN	1				
C	1615 5949 00	PAR OIL M 208 LITER BARREL	1				

COMPRESSOR OIL  
COMPRESSOR OIL  
HUILE DE COMPRESSEUR  
KOMPRESSORÖL  
ACEITECOMPRESOR  
KOMPRESSOROLJA

## XAS36 YdG

OLIO COMPRESSORE  
KOMPRESSOROLJE  
KOMPRESSOROLIE  
ΕΛΑΙΟ ΣΥΜΠΙΕΣΤΗ  
ÓΛΕΟ ΔΟ COMPRESSOR  
KOMPRESSORIÖLJYN

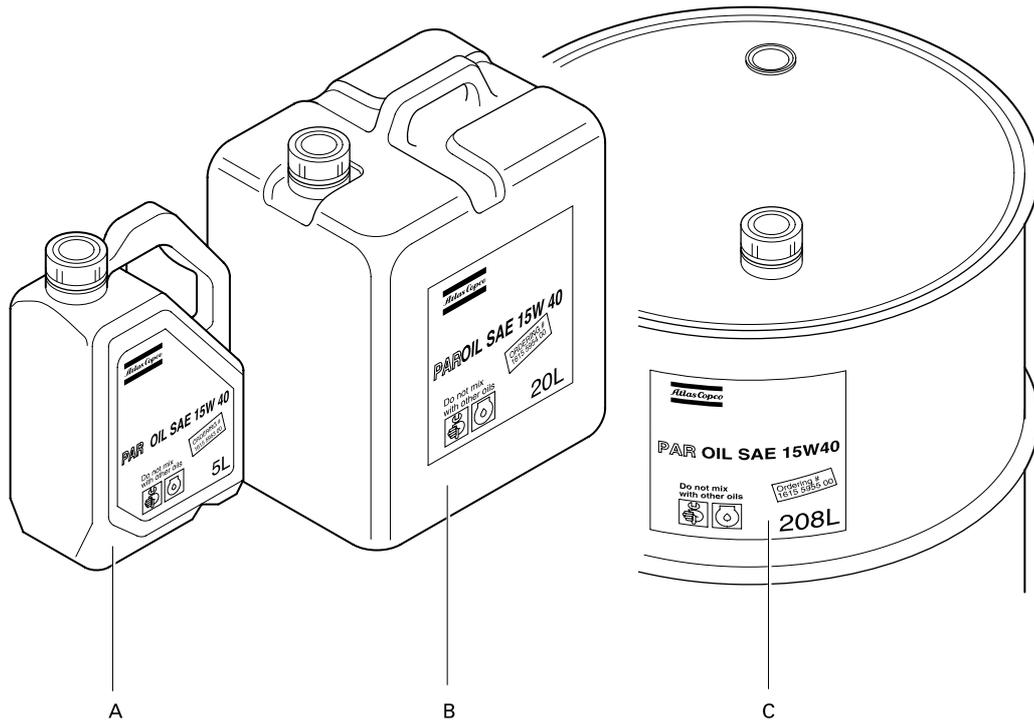


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
A	1615 5950 00	PAR OIL S 5 LITER CAN	1				
B	1615 5951 00	PAR OIL S 20 LITER CAN	1				
C	1615 5952 00	PAR OIL S 208 LITER BARREL	1				

ENGINE OIL  
MOTOROLIE  
HUILE DE MOTEUR  
MOTORÖL  
ACEITE MOTOR  
MOROTOLJA

## XAS36 YdG

OLIO MOTORE  
MOTOROLJE  
MOTOROLIE  
EAAIO KINHHPA  
ÓLEO DO MOTOR  
MOOTTORIÖLJYN

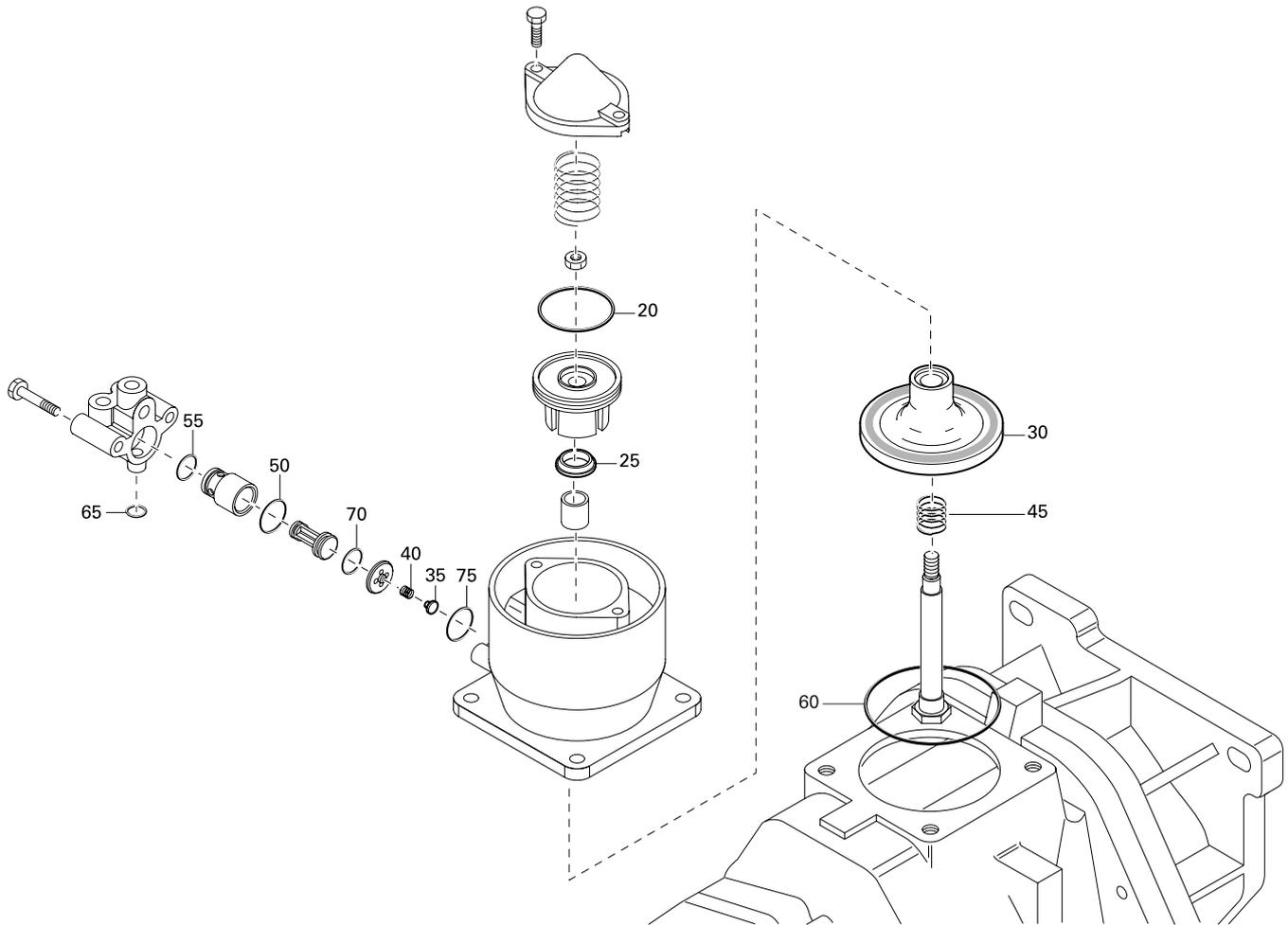


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
A	1615 5953 00	PAR OIL SAE 15W40 5 LITER CAN	1				
B	1615 5954 00	PAR OIL SAE 15W40 20 LITER CAN	1				
C	1615 9955 00	PAR OIL SAE 15W40 208 LITER BARREL	1				

SERVICE KIT UNLOADER VALVE  
 SEVICEKIT ONTLADERKLEP  
 KIT VANNE DE DÉCHARGE  
 SERVICEKIT ENTLASTUNGSVENTIL  
 JUEGO DE VÁLVULA DE DESCARGA  
 SERVICE KIT UNLOADER VALVE

## XAS36 YdG

KIT DI MANUTENZIONE VALVOLA DI MESSA A VUOTO  
 SERVICETT AVLASTINGSVENTIL  
 SERVICESAET AFLASTNINGSVENTIL  
 ΣΕΤ ΣΥΝΤΗΡΗΣΗΣ ΗΣ ΒΑΛΒΙΔΑΣ ΕΚΦΟΡΤΩΣΗΣ  
 JOGO DE MANUTENÇÃO DA VÁLVULA DO DESCARREGADOR  
 KEVENNYSVENTTILIN KORJAUSSARJA

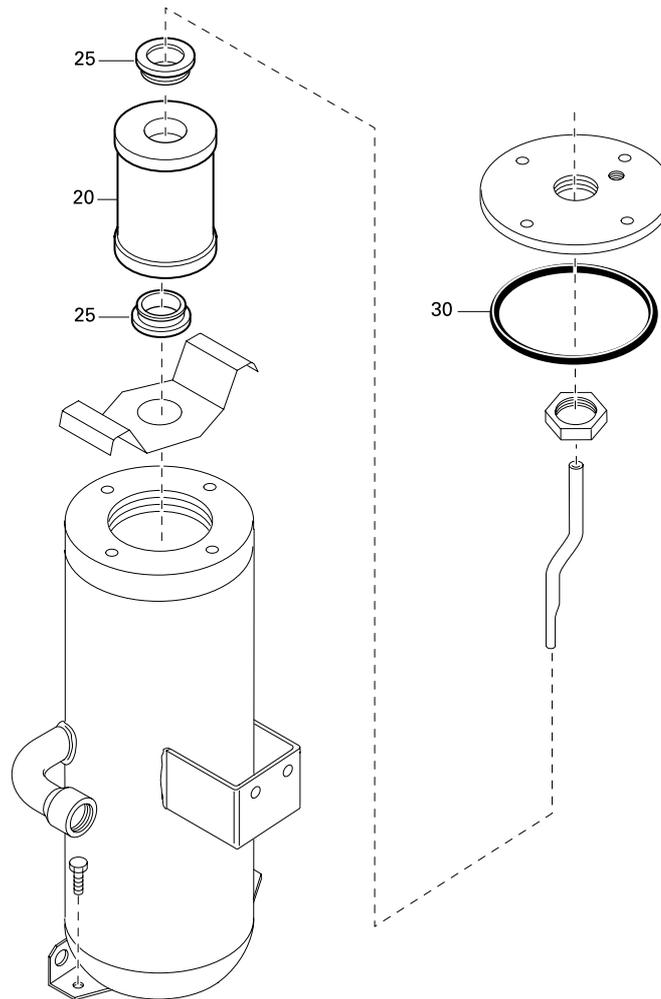


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	2911 0051 00	UNLOADING VALVE KIT	1				
•	20	PISTON SEAL	1				
•	25	WIPER	1				
•	30	VALVE	1				
•	35	VALVE	1				
•	40	SPRING	1				
•	45	SPRING	1				
•	50	O-RING	1				
•	55	O-RING	1				
•	60	O-RING	1				
•	65	O-RING	1				
•	70	O-RING	1				
•	75	O-RING	1				

SERVICE KIT OIL SEPARATOR  
 SERVICEKIT OLIEAFSCHEIDERS  
 KIT SÉPARATEUR D'HUILE  
 SERVICEKIT ÖLABSCHEIDER  
 JUEGO DE SEPARADOR DE ACEITE  
 SERVICESET OLJEAVSKILJARE

## XAS36 YdG

KIT DI MANUTENZIONE SEPARATORE OLIO  
 SERVICESETT OLJESEPARATOR  
 SERVICESÆT OLIESEPARATOR  
 ΣΕΤ ΣΥΝΤΗΡΗΣΗΣ ΔΙΑΧΩΡΙΣΤΗ ΕΛΑΙΟΥ  
 JOGO DE MANUTENÇÃO DO SEPARADOR DO ÓLEO  
 ÖLJYNEROTTIMEN KORJAUSSARJA



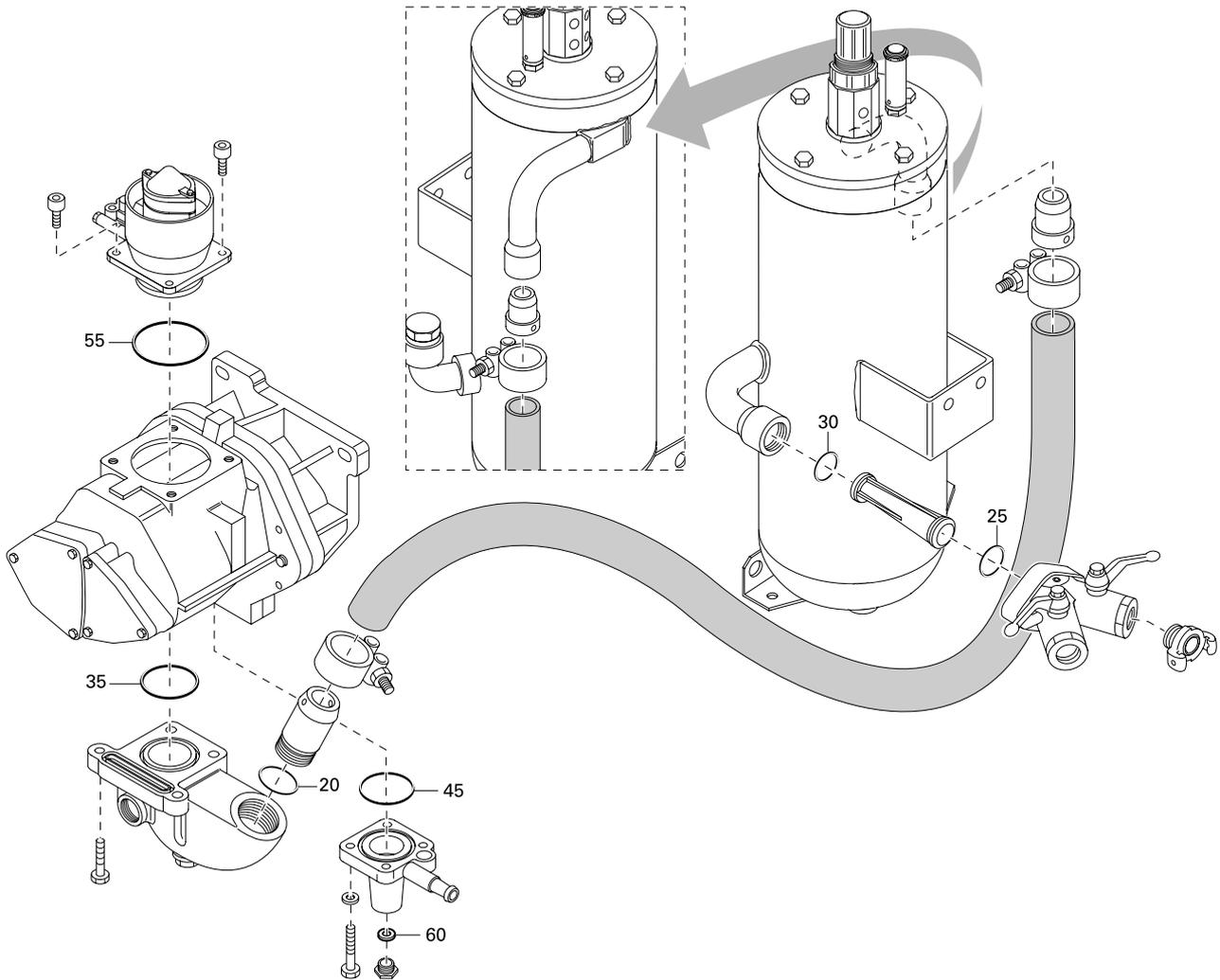
REF	PART NUMBER	DESIGNATION	QTY
-	2911 0105 00	SERVICE KIT OIL SEPARATOR	1
• 20	-	OIL SEPARATOR ELEMENT	1
• 25	-	SEAL	2
• 30	-	O-RING	1

REF	PART NUMBER	DESIGNATION	QTY
-----	-------------	-------------	-----

SERVICE KIT ELEMENT MOUNTING  
 SERVICE KIT MONTAGE ELEMENT  
 KIT MONTAGE DE L'ÉLÉMENT  
 SERVICEKIT ELEMENTMONTAGE  
 JUEGO DE MONTAJE  
 SERVICESET ELEMENTMONTERING

# XAS36 YdG

KIT DE MANUTENZIONE ATTACCO  
 SERVICESET ELEMENTMONTERING  
 SERVICESET ELEMENTMONTERING  
 ΣΕΤ ΣΥΝΤΗΡΗΣΗΣ ΤΟΠΟΘΕΤΗΣΗΣ ΣΤΟΙΧΕΙΟΥ  
 OGO DE MANUTENÇÃO DO ELEMENTO DE MONTAGEM  
 KORJAUSSARJA ELEMENTIN ASENNUKSEEN



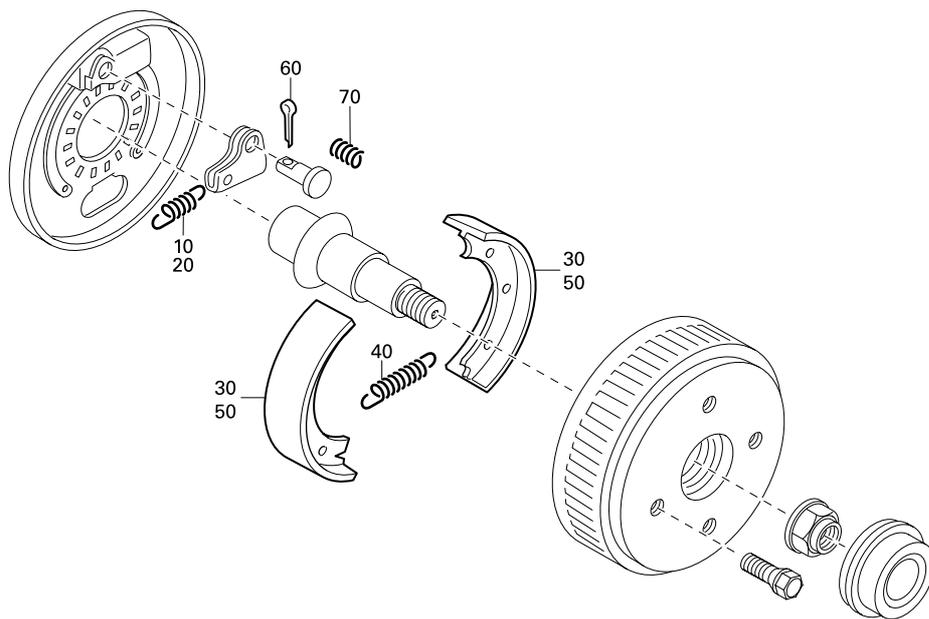
REF	PART NUMBER	DESIGNATION	QTY
-	2911 0106 00	SERVICE KIT ELEMENT MOUNTING	1
•	20	O-RING	1
•	25	O-RING	1
•	30	O-RING	1
•	35	O-RING	1
•	45	O-RING	1
•	55	O-RING	1
•	60	FLAT GASKET	2

REF	PART NUMBER	DESIGNATION	QTY
-----	-------------	-------------	-----

SERVICE KIT BRAKE SHOES  
 SERVICE KIT REMSCHOENEN  
 KIT D'ENTRETIEN SABOTS DE FREIN  
 SERVICEKIT BREMSBACKEN  
 ZAPATAS DE FRENO DEL KIT DE SERVICIO  
 SERVICESET BROMSSKOR

## XAS36

KIT DI MANUTENZIONE CEPPI FRENO  
 SERVICESETT BREMSKESKO  
 SERVICESÆT BREMSEBAKKER  
 ΚΙΤ ΣΥΝΤΗΡΗΣΗΣ ΣΙΑΓΟΝΕΣ ΦΡΕΝΩΝ  
 CONJUNTO DE SERVIÇO DAS MAXILAS DO TRAVÃOES  
 JARRUKENKIEN KORJAUSSARJA

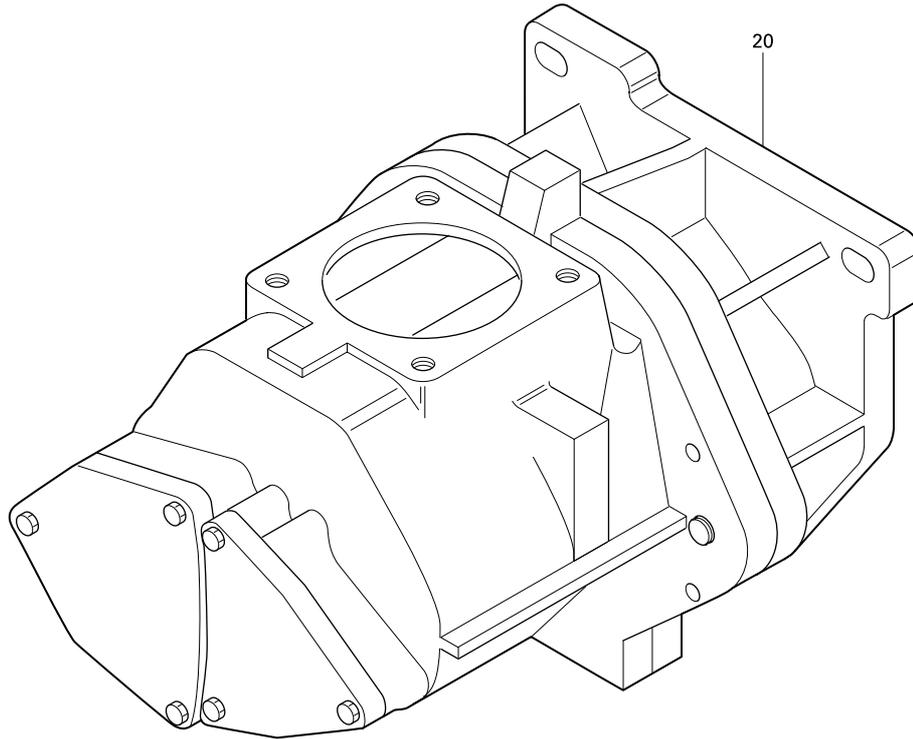


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	2911 0108 00	SERVICE KIT BRAKE SHOES	1				
• 10	-	SPRING LEFT	1				
• 20	-	SPRING RIGHT	1				
• 30	-	BRAKE CHEEK LEFT	2				
• 40	-	SPRING	2				
• 50	-	BRAKE CHEEK RIGHT	2				
• 60	-	SPLITPEN	2				
• 70	-	SPRING	4				

COMPRESSOR ELEMENT  
KOMPRESSORELEMENT  
ELEMENT COMPRESSEUR  
KOMPRESSORELEMENT  
ELEMENTO COMPRESOR  
KOMPRESSORELEMENT

## XAS36 YdG

ELEMENTO COMPRESSORE  
KOMPRESSORELEMENT  
KOMPRESSORELEMENT  
ΣΥΜΠΙΕΣΤΗΣ  
ELEMENTO COMPRESSOR  
KOMPRESSORIELEMENTI

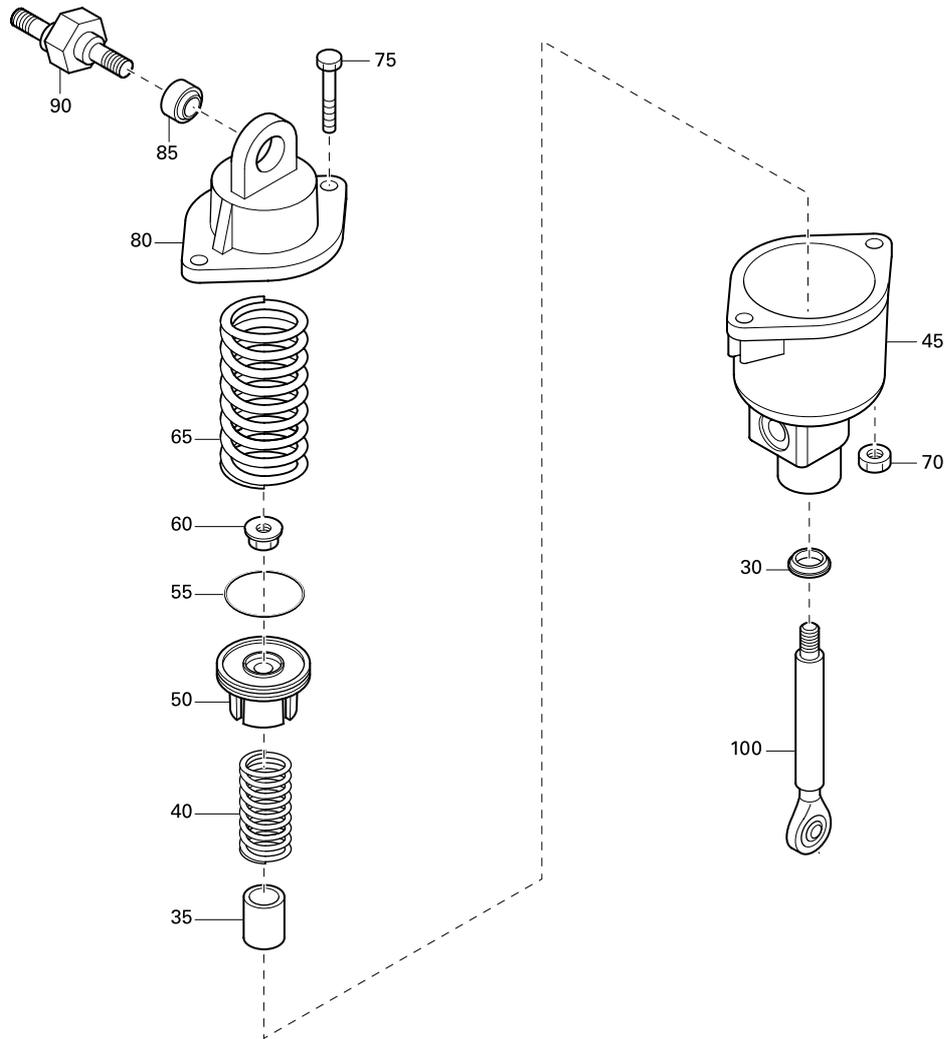


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	2911 9906 00	COMPRESSOR ELEMENT	1				
• 20	-	O.I.S. H-05	1				

ACTUATING CYLINDER  
 STELCILINDER  
 CYLINDRE ACTIONNEUR  
 AKTIVIERUNGSZYLINDER  
 CILINDRO DE ACTIVACIÓN  
 AKTIVERINGSCYLINDER

## XAS36 YdG

CILINDRO DI ATTIVAZIONE  
 AKTIVERINGSSYLINDER  
 AKTIVERINGSCYLINDER  
 ΚΥΛΙΝΔΡΟΣ ΕΝΕΡΓΟΠΟΙΗΣΗΣ  
 CILINDRO DE ACTIVAÇÃO  
 AKTIVOINTISYLINTERI



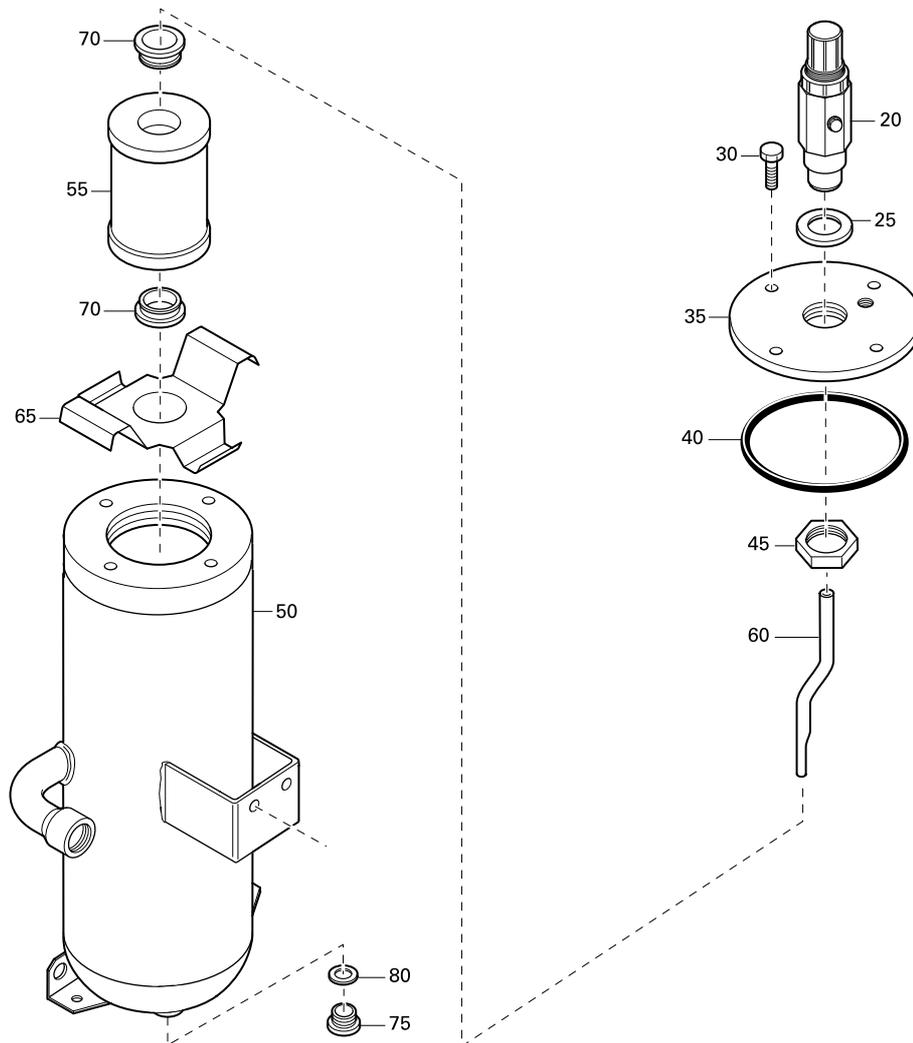
REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 0321 80	ACTUATING CYLINDER	1				
		Item of list page 117					
• 30	0665 9110 01	WIPER	1				
• 35	0500 4510 31	PLAIN BEARING	1				
• 40	2252 0489 00	COMPR.SPRING	1				
• 45	1604 0321 00	HOUSING (ACTUATING UNIT)	1				
• 50	1615 8755 00	PISTON	1				
• 55	0665 0999 54	PISTON SEAL	1				
• 60	0291 1110 00	LOCKNUT	2				
• 65	1615 8369 00	SPRING	1				
• 70	0266 2108 00	HEXAGON NUT	2				
• 75	0147 1252 12	HEX HEAD SCREW	2				
• 80	1615 8373 02	COVER	1				
• 85	0501 0007 00	SPHERICAL PLAIN BEARING	1				
• 90	1615 8382 00	ADAPTOR	1				
• 100	1615 8756 80	PISTON	1				

(For details see page 141)

OIL SEPARATOR  
 OLIEAFSCHEIDER  
 SEPARATEUR D'HUILE  
 ÖLABSCHEIDER  
 SEPARADOR DE ACEITE  
 OLJEAVSKILJARE

## XAS36 YdG

SEPARATORE OLIO  
 OLJESEPARATOR  
 OLIESEPARATOR  
 ΔΙΑΧΩΡΙΣΤΗΣ ΕΛΑΙΟΥ  
 SEPARADOR DE ÓLEO  
 ÖLJYJNEROTIN

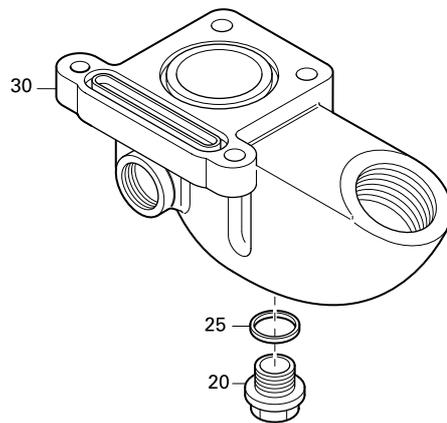


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 1825 82	OIL SEP. ASSEMBLY Item of list page 121	1				
• 20	1615 7664 80	REGULATING VALVE ASSY	1				
• 25	0661 1049 00	SEALING WASHER	1				
• 30	0147 1364 03	HEX. HEAD SCREW	6				
• 35	1604 1826 00	COVER	1				
• 40	-	O-RING	1				
• 45	0623 2106 03	BACKNUT	1				
• 50	1604 1825 00	VESSEL	1				
• 55	-	OIL SEP ELEMENT	1				
• 60	1604 1828 00	PIPE	1				
• 65	1615 7697 00	RETAINER	1				
• 70	-	SEAL	2				
• 75	0686 4203 00	HEXAGON PLUG	1				
• 80	0661 1026 00	SEALING WASHER	1				

MANIFOLD  
COLLECTOR  
COLLECTEUR  
SAMMELROHR  
COLECTOR  
GRENRÖR

## XAS36 YdG

COLLETTORE  
MANIFOLD  
GRENRØR/MANIFOLD  
ΠΟΛΛΑΠΛΗ  
TUBAGEM  
KOKOOMAPUTKI

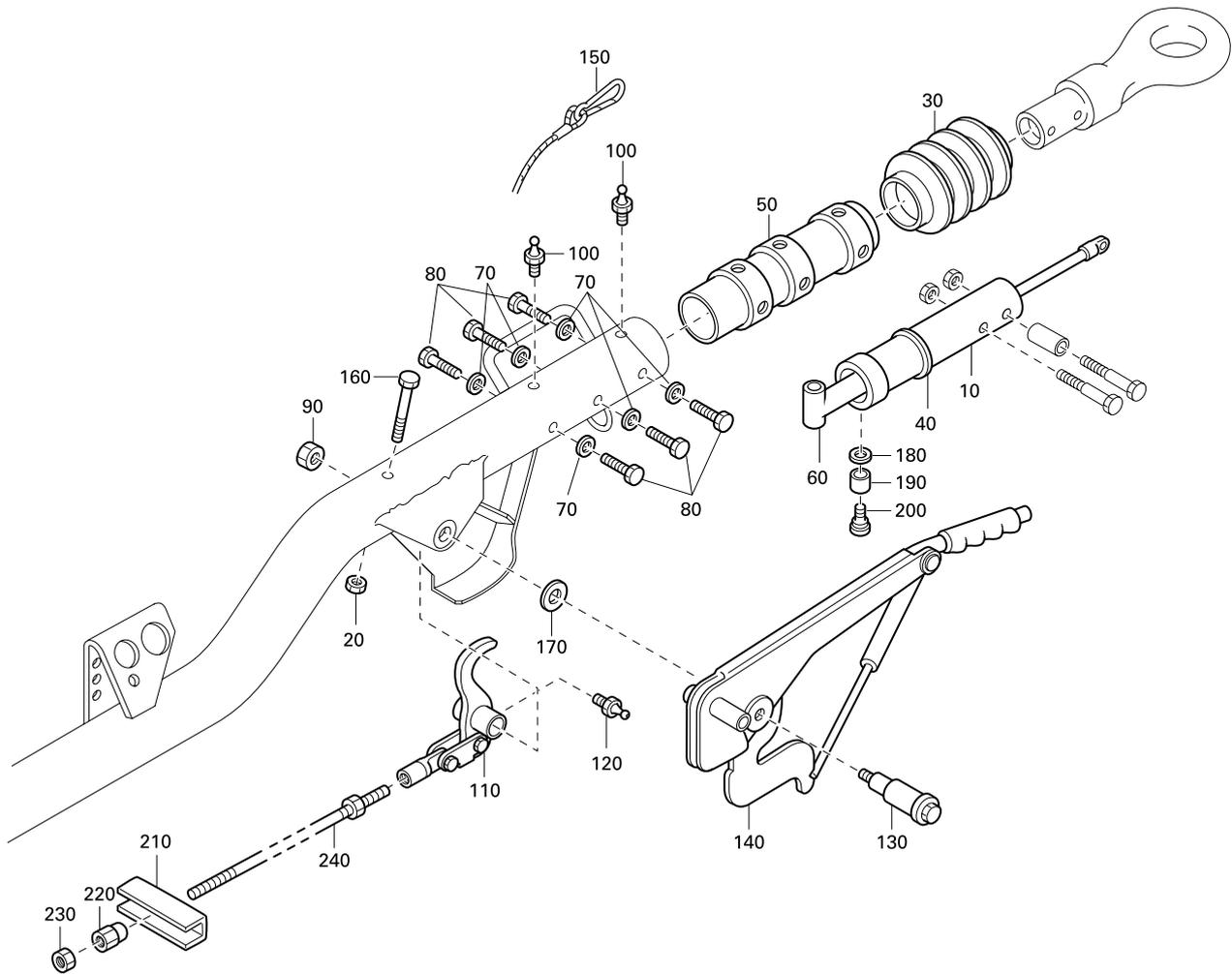


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 1831 80	MANIFOLD ASSY Item of list page 122	1				
• 20	0686 3716 01	HEXAGON PLUG	1				
• 25	0653 1062 00	FLAT GASKET	1				
• 30	1604 1831 00	MANIFOLD (OUTLET)	1				

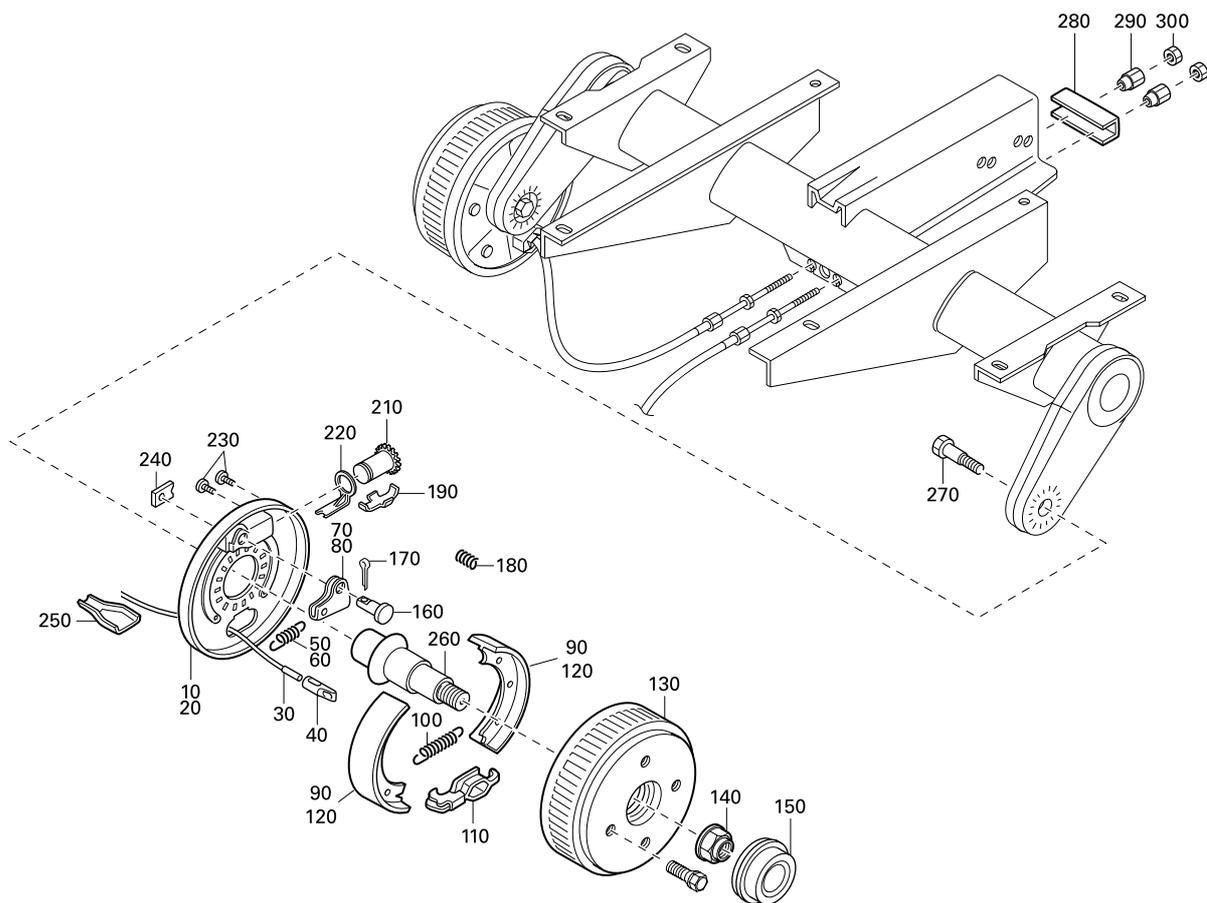
TOWBAR (TB)  
 TREKSTANG (TB)  
 BARRE D'ATTELAGE (TB)  
 ZUGSTANGE (TB)  
 BARRA DE REMOLQUE (TB)  
 DRAGSTÁNG (TB)

## XAS36 YdG

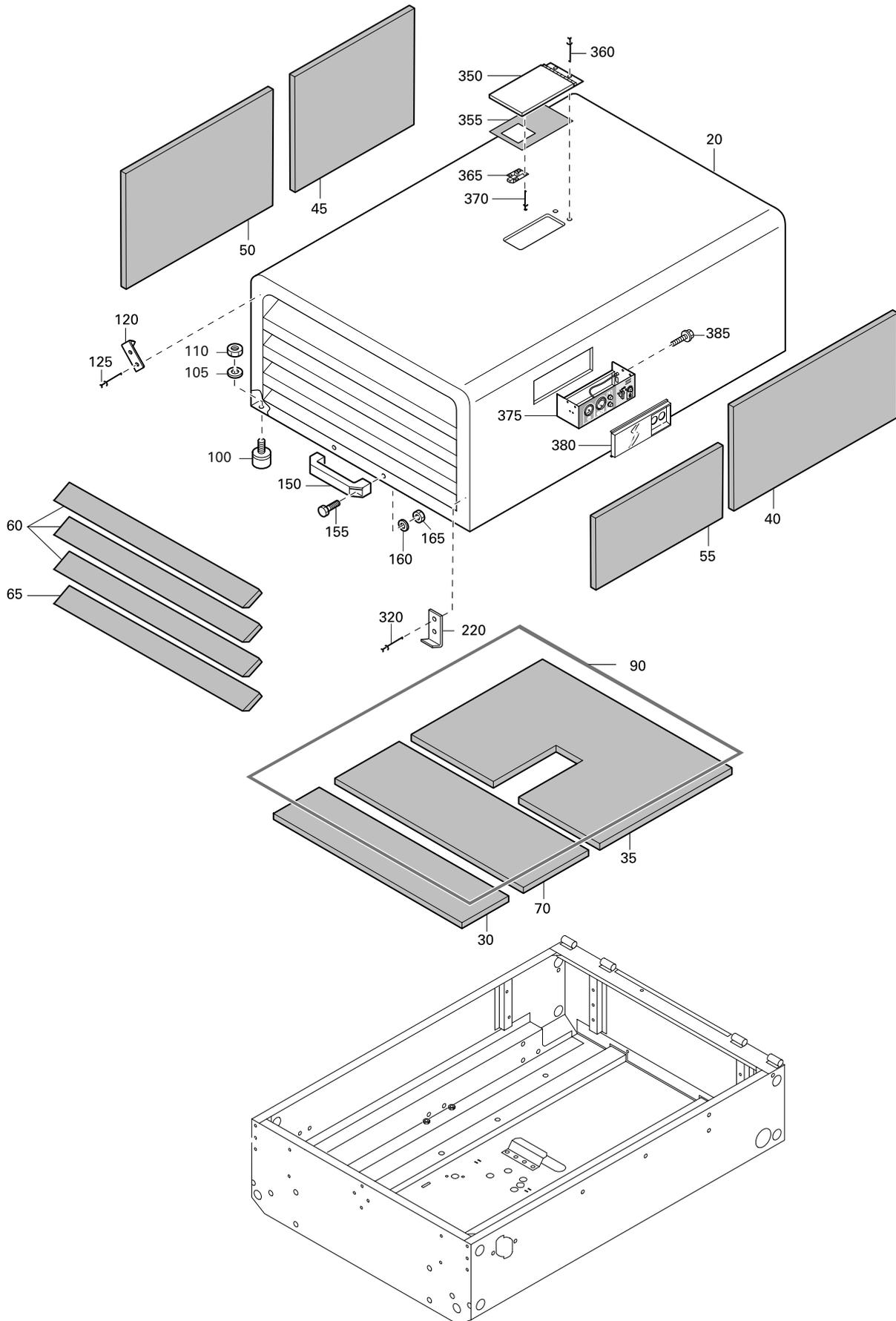
BARRA DI RIMORCHIO (TB)  
 TREKSTANG (TB)  
 TRÆKSTANG (TB)  
 ΠΑΒΛΟΣ ΠΥΜΟΥΑΚΥΣΗΣ (TB)  
 BARRA DE REBOQUE (TB)  
 VETOAISA (TB)



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 1855 01	TOWBAR (TB)	1				
		Item of list page 131					
• 10	2914 2244 00	SHOCK ABSORBER	1				
• 20	2914 2245 00	NUT	1				
• 30	2914 2246 00	PROTECTION	1				
• 40	2914 2247 00	RING	1				
• 50	2914 2251 00	BAR	1				
• 60	2914 2252 00	TOWBAR	1				
• 70	2914 2253 00	WASHER	6				
• 80	2914 2254 00	BOLT	6				
• 90	2914 2255 00	NUT	1				
• 100	2914 2256 00	NIPPLE	2				
• 110	2914 2257 00	LEVEL ASSY	1				
• 120	2914 2258 00	NIPPLE	1				
• 130	2914 2259 00	BOLT	1				
• 140	2914 2260 00	LEVER	1				
• 150	2914 2261 00	CABLE	1				
• 160	2914 2262 00	BOLT	1				
• 170	2914 2263 00	WASHER	1				
• 180	2914 2264 00	WASHER	1				
• 190	2914 2265 00	TUBE	1				
• 200	2914 2266 00	BOLT	1				
• 210	2914 0280 00	PROFILE	1				
• 220	2914 2267 00	NUT	1				
• 230	2914 2268 00	NUT	1				
• 240	2914 2269 00	ROD	1				



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 1860 01	AXLE & TOWBAR	1	• 300	2914 0217 00	NUT	2
		Item of list page 131					
• 10	2914 0269 00	BRAKE SHIELD LEFT	1				
• 20	2914 0289 00	BRAKE SHIELD RIGHT	1				
• 30	2914 0256 00	BAR	2				
• 40	2914 0257 00	EYE	2				
• 50	-	SPRING LEFT	1				
• 60	-	SPRING RIGHT	1				
• 70	2914 0260 00	LEVEL LEFT	1				
• 80	2914 0261 00	LEVEL RIGHT	1				
• 90	-	BRAKE CHEEK LEFT	2				
• 100	-	SPRING	2				
• 110	2914 0264 00	LOCK	2				
• 120	-	BRAKE CHEEK RIGHT	2				
• 130	2914 0266 00	BRAKE DRUM	2				
• 140	2914 0267 00	NUT	2				
• 150	2914 0268 00	CAP	2				
• 160	2914 0270 00	BOLT	2				
• 170	-	SPLITPEN	2				
• 180	-	SPRING	4				
• 190	2914 0273 00	SPRING	2				
• 210	2914 0275 00	NUT	2				
• 220	2914 0276 00	STIRRUP	2				
• 230	2914 0218 00	PLUG	4				
• 240	2914 0221 00	COVER	2				
• 250	2914 0277 00	PLATE	2				
• 260	2914 0278 00	AXLE	2				
• 270	2914 0279 00	BOLT	2				
• 280	2914 0280 00	PROFILE	1				
• 290	2914 0281 00	NUT	2				

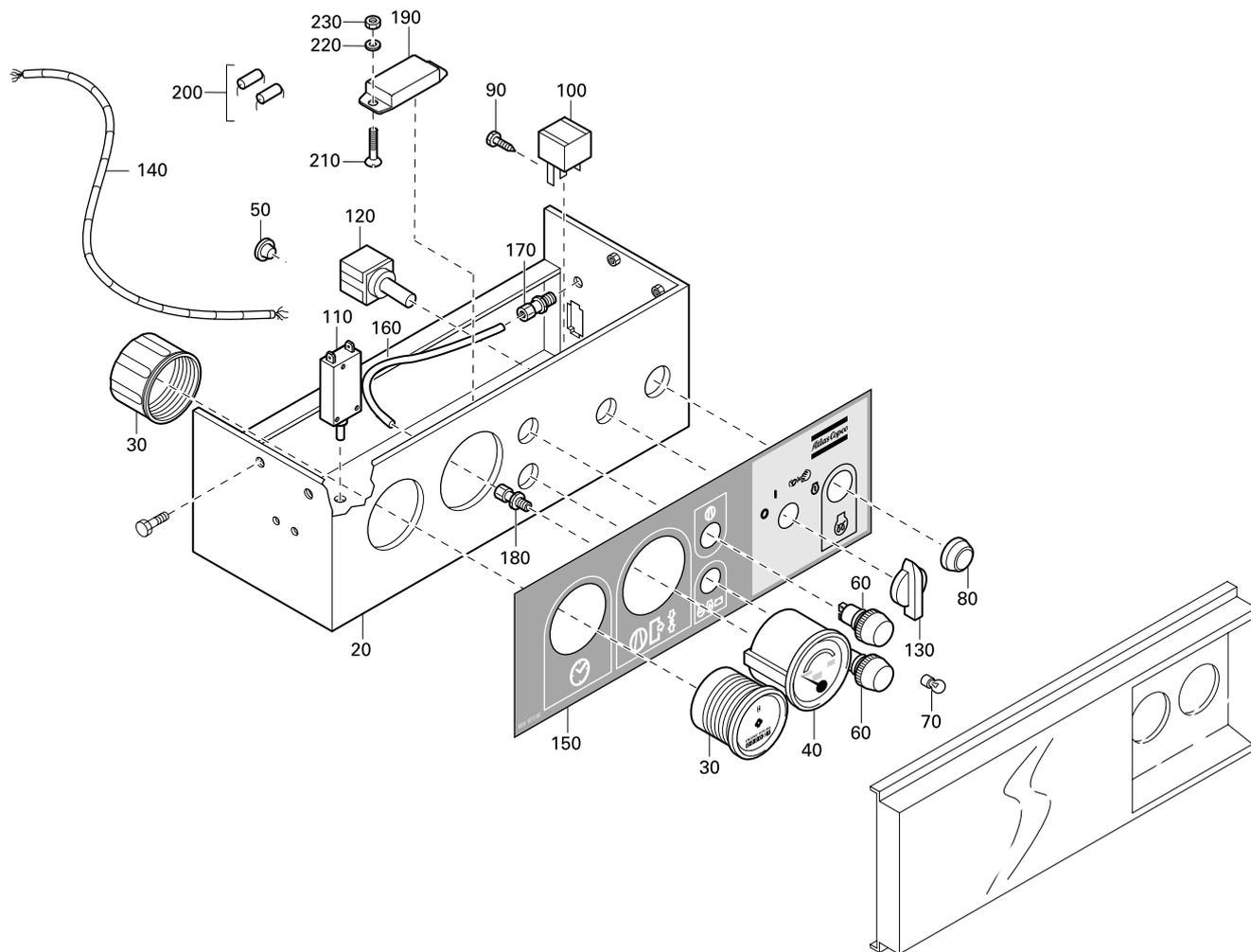


HOOD ASSEMBLY  
BESCHERMKAPSAMENSTELLING  
CAPOT  
ABDECKUNG, KOMPL.  
SISTEMA DE TAPA  
KÄPSATS

## XAS36 YdG

GRUPPO COPERCHIO  
DEKSELSETT  
HJELMANORDNING  
KAAVMMA ΠΛΗΡΕΣ  
MONTAGEM DE MADEIRA  
KUPUYKSIKKÖ

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 1840 84	HOOD ASSEMBLY Item of list page 124	1				
• 20	1604 1840 01	HOOD	1				
• 30	-	SILENCING FOAM	1				
• 35	-	SILENCING FOAM	1				
• 40	-	SILENCING FOAM	1				
• 45	-	SILENCING FOAM	2				
• 50	-	SILENCING FOAM	1				
• 55	-	SILENCING FOAM	1				
• 60	-	SILENCING FOAM	6				
• 65	-	SILENCING FOAM	2				
• 70	-	SILENCING FOAM	1				
• 90	1604 1859 00	SEAL	AR				
• 100	1604 1869 00	BUFFER	2				
• 105	0333 3220 00	LOCK WASHER	2				
• 110	0266 2108 00	HEXAGON NUT	2				
• 120	1604 1842 00	PROTECTION	4				
• 125	0129 3113 00	BLIND RIVET	8				
• 150	1202 8673 00	HANDGRIP	1				
• 155	0147 1246 03	HEX. HEAD SCREW	2				
• 160	0333 3220 00	LOCK WASHER	2				
• 165	0266 2108 00	HEXAGON NUT	2				
• 220	1604 1833 00	CATCH	2				
• 320	0129 3174 01	BLIND RIVET	4				
• 350	1604 2237 00	DOOR	1				
• 355	1615 9101 00	SEAL	1				
• 360	0129 3172 01	BLIND RIVET	2				
• 365	1613 6650 01	LOCK	1				
• 370	0129 3108 00	BLIND RIVET	4				
• 375	1604 1870 81	INSTRUM. PANEL (For details page 100)	1				
• 380	1604 1872 00	WINDOW	1				
• 385	1615 5664 00	SCRAPER BOLT	4				
-	1079 0003 32	Foam available in sheets 2000 mm x 1500 mm x 30 mm					

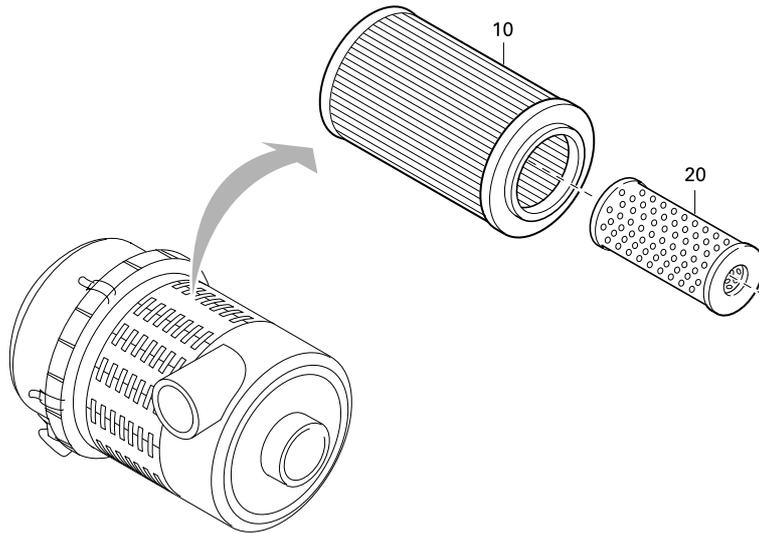


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 1870 81	INSTRUMENT PANEL Item of list page 99	1				
• 20	1604 1870 01	INSTRUM. PANEL	1				
• 30	1089 0352 02	HOURMETER	1				
• 40	1615 7264 00	PRESSURE GAUGE	1				
• 50	1619 6201 00	PLUG	1				
• 60	1089 0312 11	LAMPHOLDER	2				
• 70	1091 0168 00	BULB	2				
• 80	1089 9326 01	PUSH BUTTON	1				
• 90	0226 0305 00	TAPPING SCREW	4				
• 100	1089 0341 01	RELAY	4				
• 110	1089 9206 31	CIRCUIT BREAKER	1				
• 120	1089 0608 03	SWITCH	1				
• 130	1089 0608 04	BUTTON	1				
• 140	1604 1817 00	WIRE HARNESS	1				
• 150	1604 1873 00	LABEL	1				
• 160	0070 6002 04	PLASTIC TUBE	AR				
• 170	0582 1200 14	PIPE COUPLING	1				
• 180	0584 0080 09	STRAIGHT PIPE COUPLING	1				
• 190	2914 8116 00	TIMER	1				
• 200	2914 8209 00	DIODE YANMAR 3TNE68	2				
• 210	0160 6060 00	SLOTTED SCREW	1				
• 220	0333 3215 00	LOCK WASHER	1				
• 230	0266 2107 00	HEXAGON NUT	1				

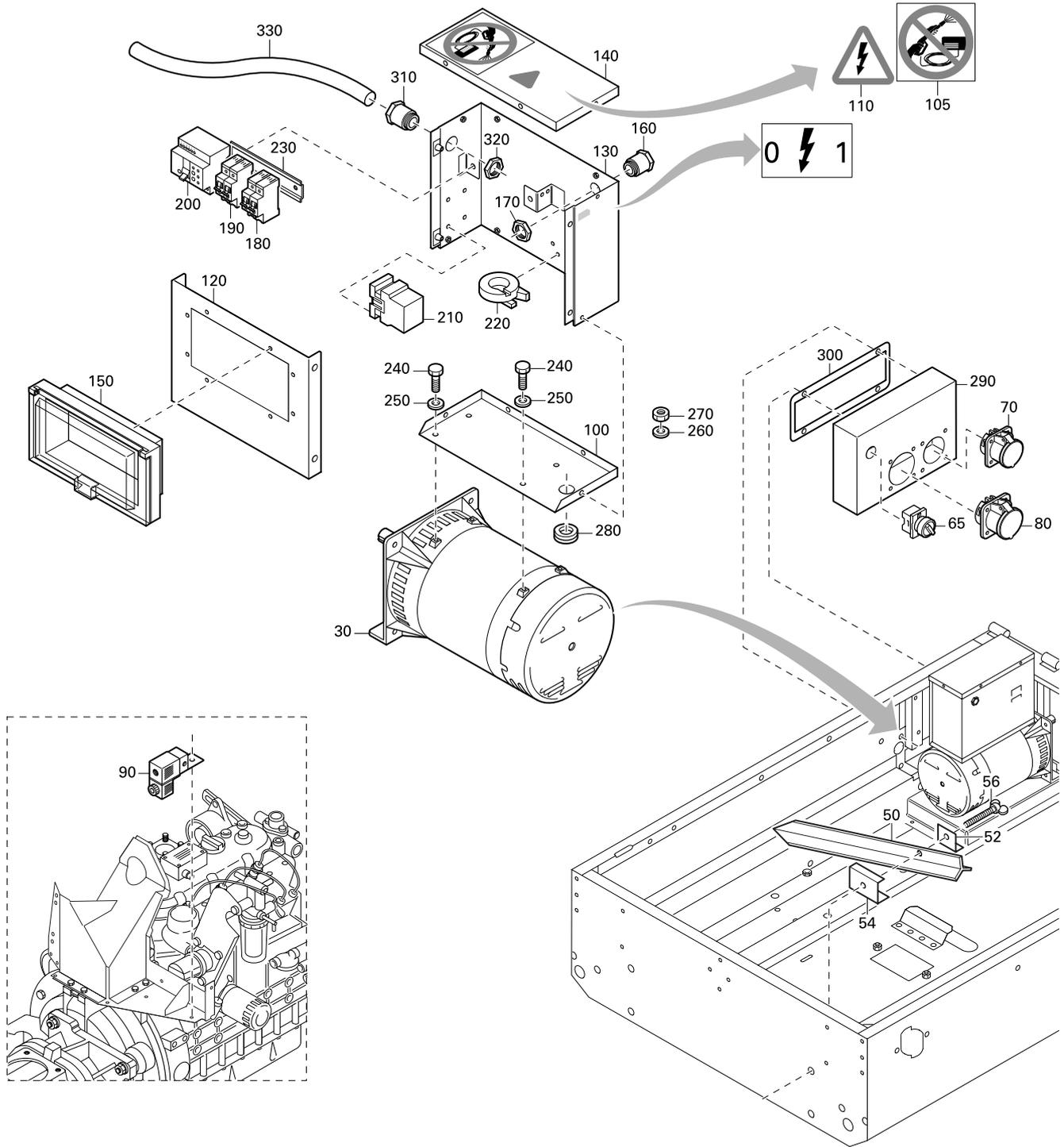
AIR FILTER  
LUCHTFILTER  
FILTRE A AIR  
LUFTFILTER  
FILTRO DE AIRE  
LUFTFILTER

## XAS36 YdG

FILTRO PER L'ARIA  
LUFTFILTER  
LUFTFILTER  
ΦΙΑΤΡΟ ΑΕΡΑ  
FILTRO DE AR  
ILMANSUODATIN



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 2230 00	AIRFILTER Item of list page 123	1				
• 10	2914 9302 00	AIR FILTER ELEMENT	1				
• 20	-	AIR FILTER SAFETY CARTRIDGE	1				



GENERATOR KIT  
 GENERATOR KIT  
 KIT GENERATEUR  
 GENERATORKIT  
 KIT DE GENERADOR  
 GENERATORSATS

## XAS36 YdG

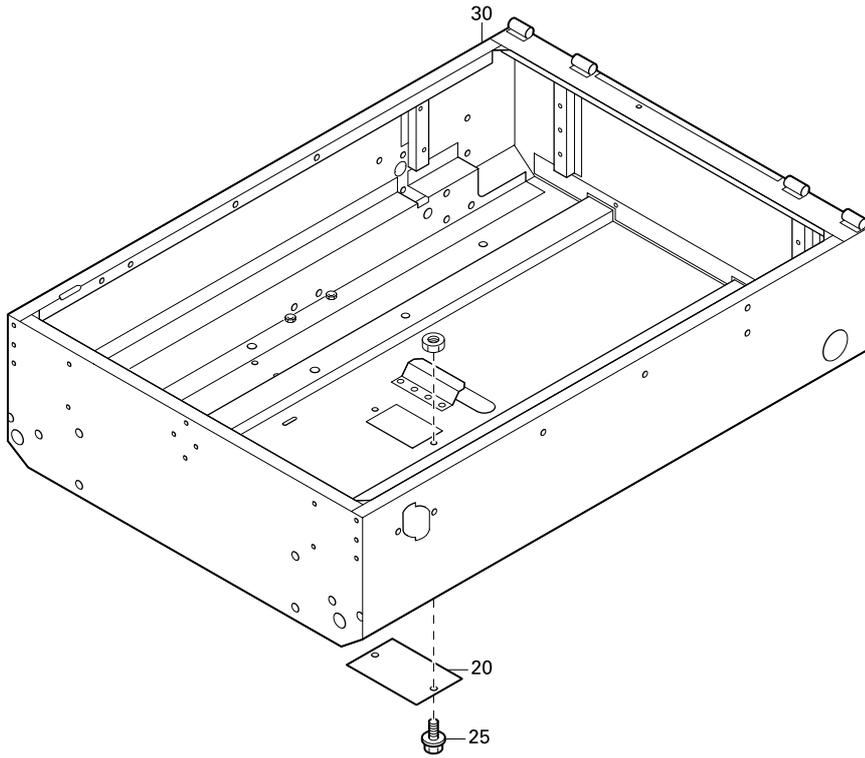
KIT GENERATORE  
 GENERATOR SETT  
 GENERATOR SÆT  
 KIT ΓΕΝΝΗΤΡΙΑΣ  
 JOGO DE GERADOR  
 GENERAATTORISARJA

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 1875 81	GENERATOR KIT	1				
		Item of list page 135					
• 30	1082 3096 03	ALTERNATOR	1				
• 50	1089 9358 03	EARTH PIN	1				
• 52	1615 8949 00	BRACKET	1				
• 54	1615 8948 00	BRACKET	1				
• 56	0223 1957 10	WING SCREW	1				
• 65	1089 0362 47	KNOB	1				
• 70	1089 0662 14	SOCKET OUTLET	1				
• 80	1089 0662 15	SOCKET OUTLET	1				
• 90	1089 0621 44	SOLENOID VALVE	1				
• 100	1604 1876 00	COVER	1				
• 105	1079 9903 61	LABEL	1				
• 110	1088 1001 01	WARNING MARK	1				
• 120	1604 1875 00	PLATE	1				
• 130	1604 1878 01	PLATE	1				
• 140	1604 1877 00	COVER	1				
• 150	1615 8429 00	DOOR	1				
• 160	0698 6125 64	CONDUIT FITTING	1				
• 170	1088 0302 04	NUT	1				
• 180	1089 9472 15	CIRCUIT BRAKER	1				
• 190	1089 9472 03	CIRCUIT BREAKER	1				
• 200	1089 9473 50	EARTH RELAY	1				
• 210	1089 9400 01	CONTACTOR	1				
• 220	1089 9473 55	TORUS	1				
• 230	0090 1400 02	RAIL	AR				
• 240	0147 1204 03	HEX. HEAD SCREW	4				
• 250	0333 3215 00	LOCK WASHER	2				
• 260	0301 2318 00	PLAIN WASHER	2				
• 270	0266 2107 00	HEXAGON NUT	2				
• 280	0698 0153 00	GROMMET	1				
• 290	1604 1890 01	BOX	1				
• 300	1604 1891 00	SEAL	1				
• 310	0696 6125 42	CONDUIT GLAND	2				
• 320	1088 0302 06	NUT	2				
• 330	0070 4022 14	FLEXIBLE CONDUIT	AR				

FRAME  
 RAAM  
 CHASSIS  
 RAHMEN  
 BASTIDOR  
 RAM OCH

# XAS36 YdG

TELAIO  
 RAMME  
 RAMME  
 ΠΛΑΙΣΙΟ  
 QUADRO  
 RUNKO

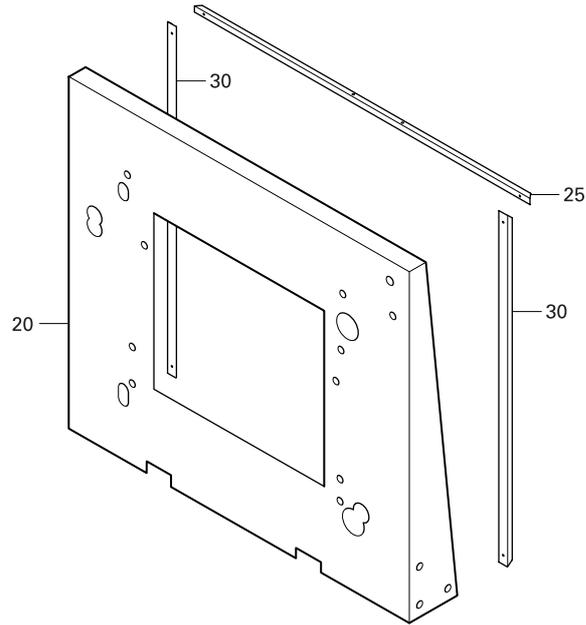


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1605 0003 85	FRAME ASSY Item of list on page 111	1				
• 20	1604 2275 00	PLATE	1				
• 25	1619 2766 00	BOLT	2				
• 30	1605 0003 05	FRAME	1				

PLATE (COOLER)  
 PLAAT (KOELER)  
 PLAQUE (REFROIDISSEUR)  
 PLATTE (KÜHLER)  
 PLACA (REFRIGERADOR)  
 PLÁT (KYLARE)

## XAS36 YdG

PIASTRA (REFRIGERATORE)  
 PLATE (KJØLER)  
 PLADE (KØLER)  
 ΠΛΑΚΑ (ΨΥΚΤΗΣ)  
 PLACA (REFRIGERADOR)  
 LEVY (JÄÄHDYTIN)

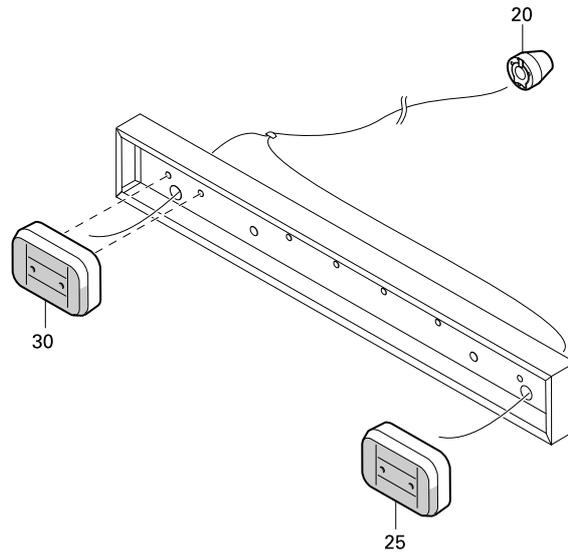


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1605 0021 00	PLATE COOLER Item of list page 120	1				
• 20	1605 0022 00	PLATE (COOLER)	1				
• 25	1605 0023 00	BRACKET	1				
• 30	1605 0024 00	BRACKET	2				

TAIL LIGHT  
 ACHTERLICHT  
 FEU ARRIÈRE  
 HECKLEUCHTE  
 LUZ TRASERA  
 BAKLJUS

## XAS36 YdG

LUCE POSTERIORE  
 BAKLYS  
 BAGLYGTE  
 ΜΗ ΧΥΨΙΟΠΙΚΟ ΧΩΡΟ  
 LUZ TRASEIRA  
 TAKAVALO

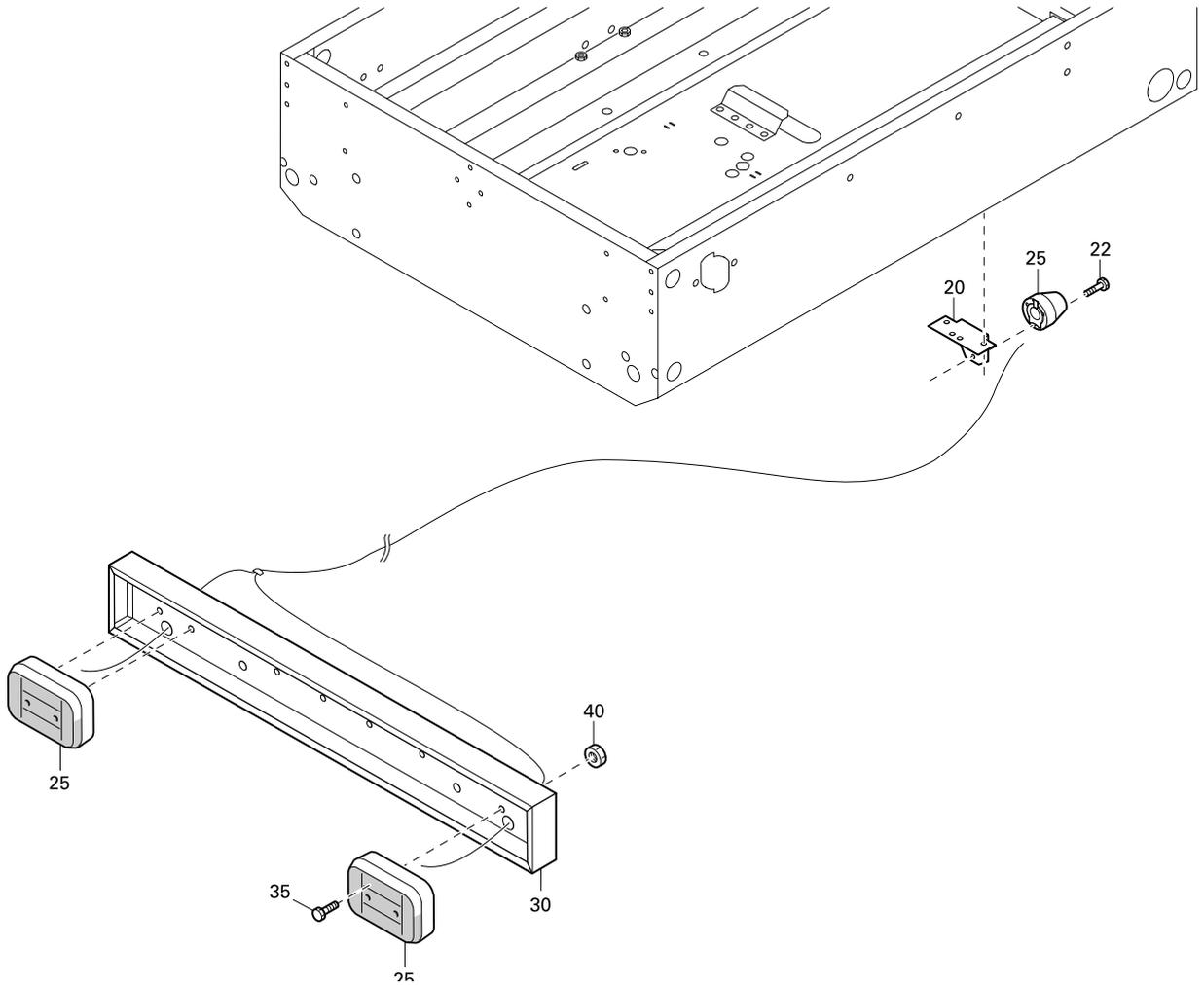


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1605 0027 00	LIGHT ASSY Item of list page 107	1				
• 20	1089 0291 02	APPLIANCE INLET	1				
• 25	1604 2228 00	LIGHT (RIGHT)	1				
• 30	1604 2229 00	LIGHT (LEFT)	1				

BUMPER  
 PLAAT  
 PLAQUE  
 PLATTE  
 PLACA  
 PLÁT

# XAS36 YdG

PIASTRA  
 PLATE  
 PLAQUE  
 ΠΛΑΚΑ  
 PLACA  
 LEVY

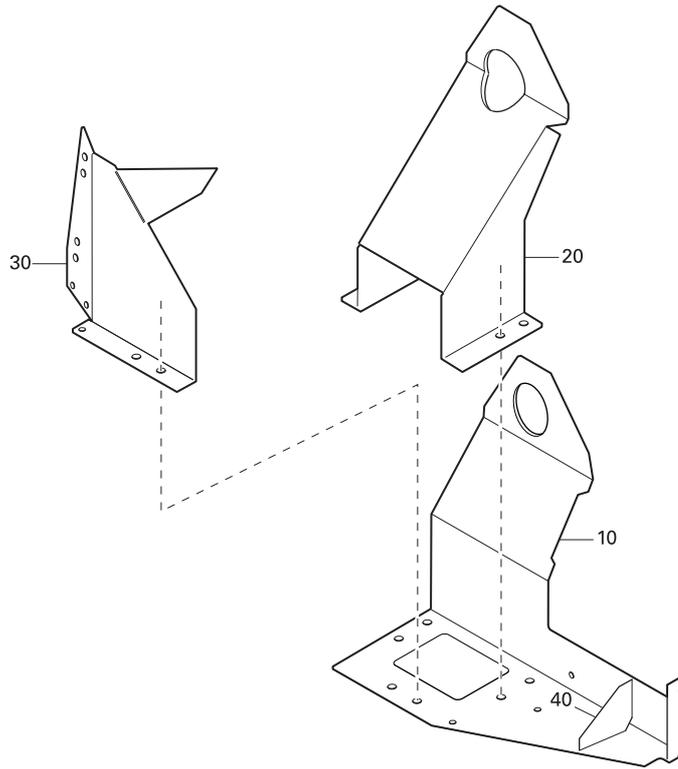


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1605 0028 81	BUMPER ASSY Item of list page 133	1				
• 20	1605 0031 00	BRACKET	1				
• 22	0226 0047 02	SLOTTED SCREW	3				
• 25	1605 0027 00	LIGHT ASSY (For details see page 106)	1				
• 30	1605 0028 01	BUMPER	1				
• 35	0147 1208 03	HEX. HEAD SCREW	4				
• 40	0266 2107 00	HEXAGON NUT	4				

LIFTING EYE  
 HIJSOOG  
 OEIL DE LEVAGE  
 HEBEŐSE  
 ANILLA DE ELEVACIÓN  
 LYFTŐGLA

## XAS36 YdG

GOLFARE  
 LŐFTEŐYE  
 LŐFTEŐJE  
 ΔΑΚΤΥΛΙΟΣ ΑΝΥΨΩΣΗΣ  
 QLHAL DE ELEVAÇÃO  
 NOSTOSILMUKKA

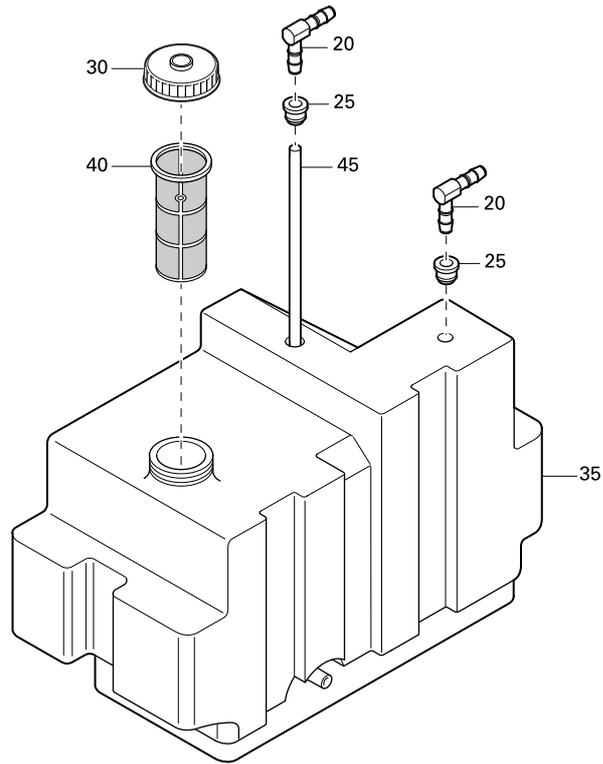


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1605 0035 01	LIFTING EYE Item of list page 111	1				
• 10	1605 0036 01	PLATE	1				
• 20	1605 0037 00	PROFILE	1				
• 30	1605 0038 00	BRACKET	1				
• 40	1605 0051 00	PLATE	1				

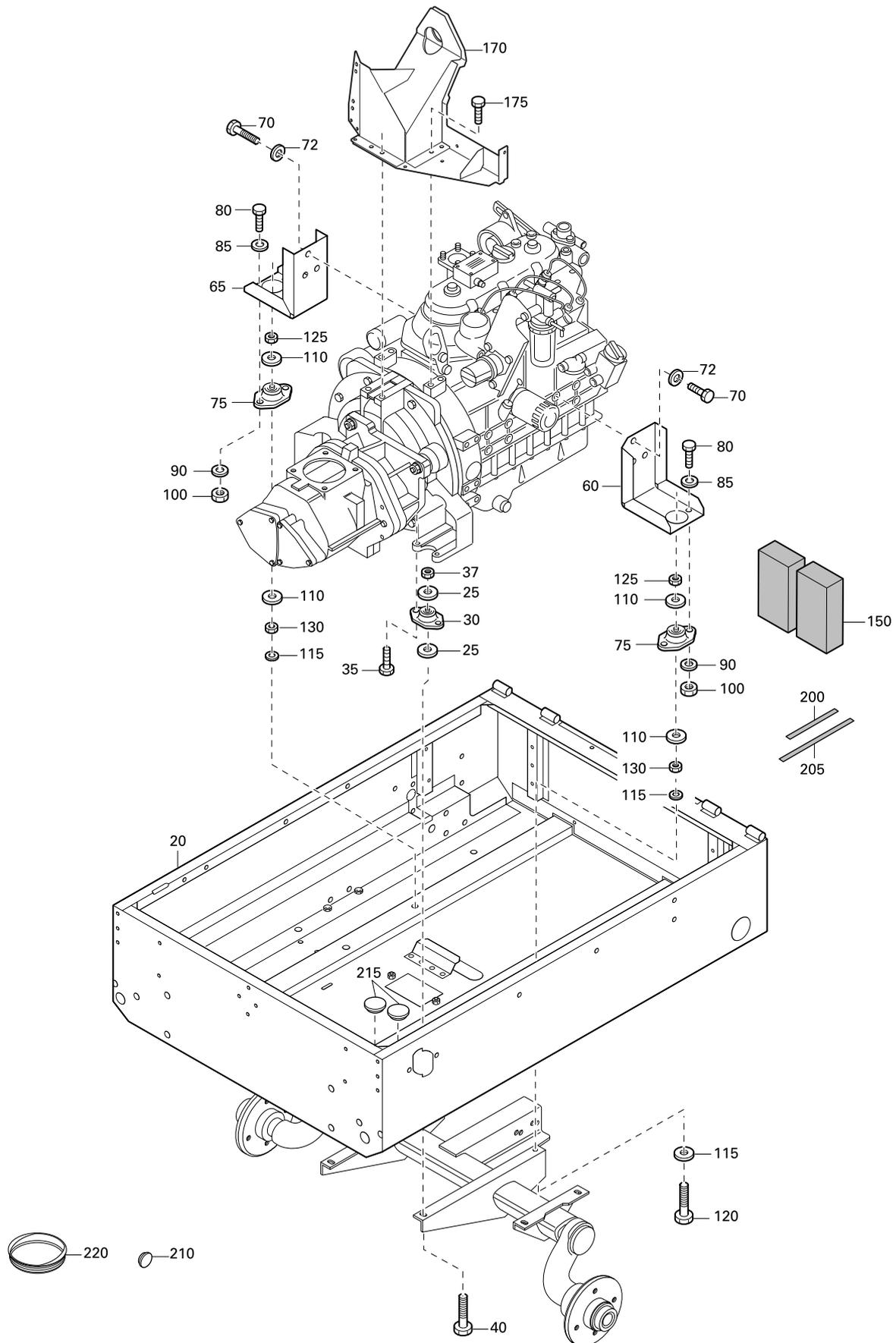
FUELTANK  
 BRANDSTOFTANK  
 RESERVOIR COMBUSTIBLE  
 KRAFTSTOFFSIEB  
 FILTRO DE COMBUSTIBLE  
 TANQUE DE COMB.

## XAS36 YdG

BRÄNSLETANK  
 SERBATOIO CARBURANTE  
 DRIVSTOFFTANK  
 BRÆNDSTOFTNK  
 ΔΟΧΕΙΟ ΚΑΥΣΙΜΟΥ  
 POLTTOAINESÄILIÖ



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1605 0047 80	FUELTANK Item of list page 112	1				
• 20	1615 6651 00	ADAPTOR	2				
• 25	1615 6652 00	GROMMET	2				
• 30	1615 7653 00	CAP	1				
• 35	1605 0047 00	FUELTANK	1				
• 40	1615 7654 00	STRAINER	1				
• 45	0070 6002 15	PLASTIC TUBE	AR				

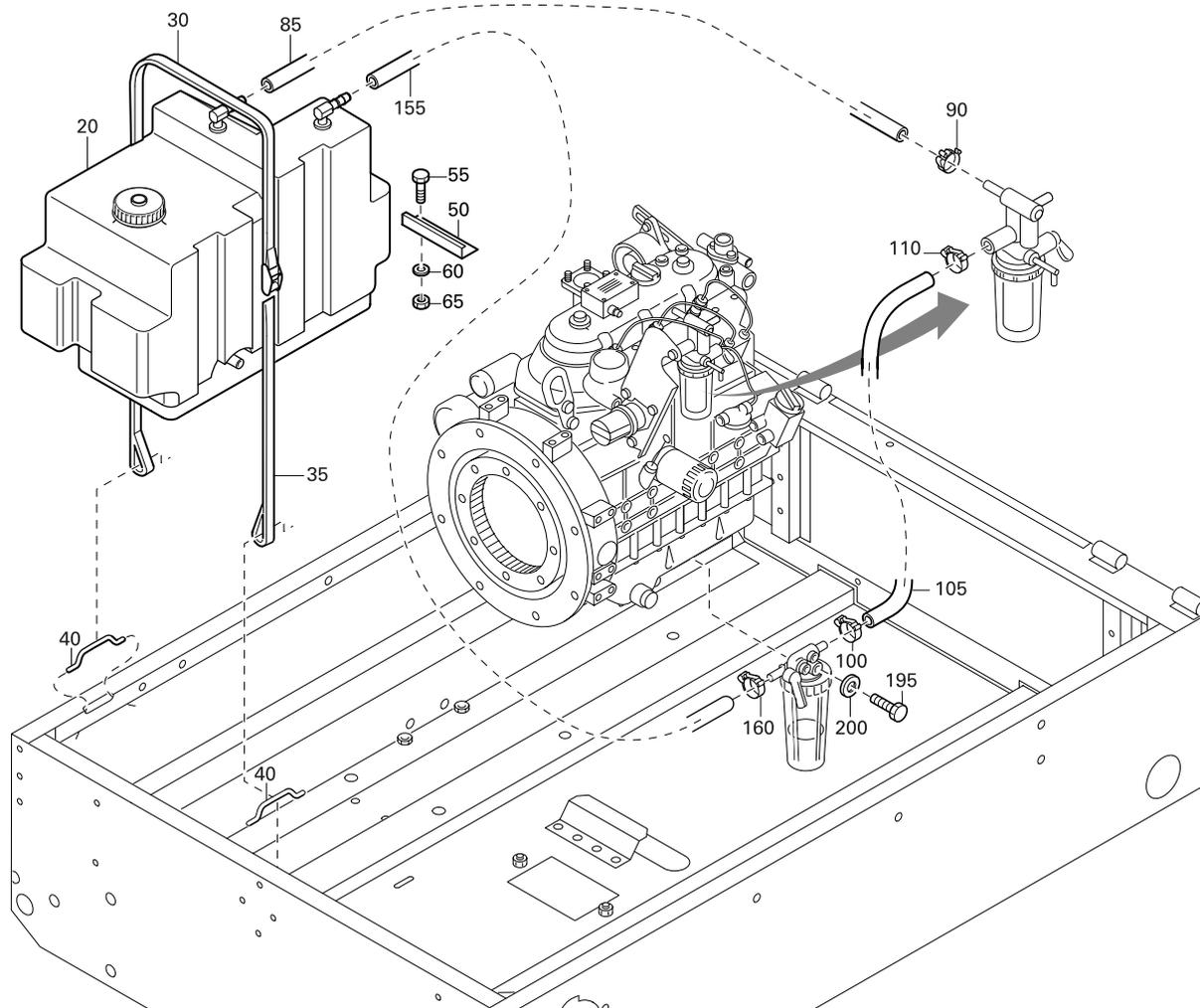


FRAME AND MOUNTS  
 RAAMEN BEVESTIGINGEN  
 CHASSIS ET SUPPORTS  
 RAHMEN UND HALTERUNGEN  
 BASTIDOR Y SOPORTES  
 RAM OCH FÄSTEN

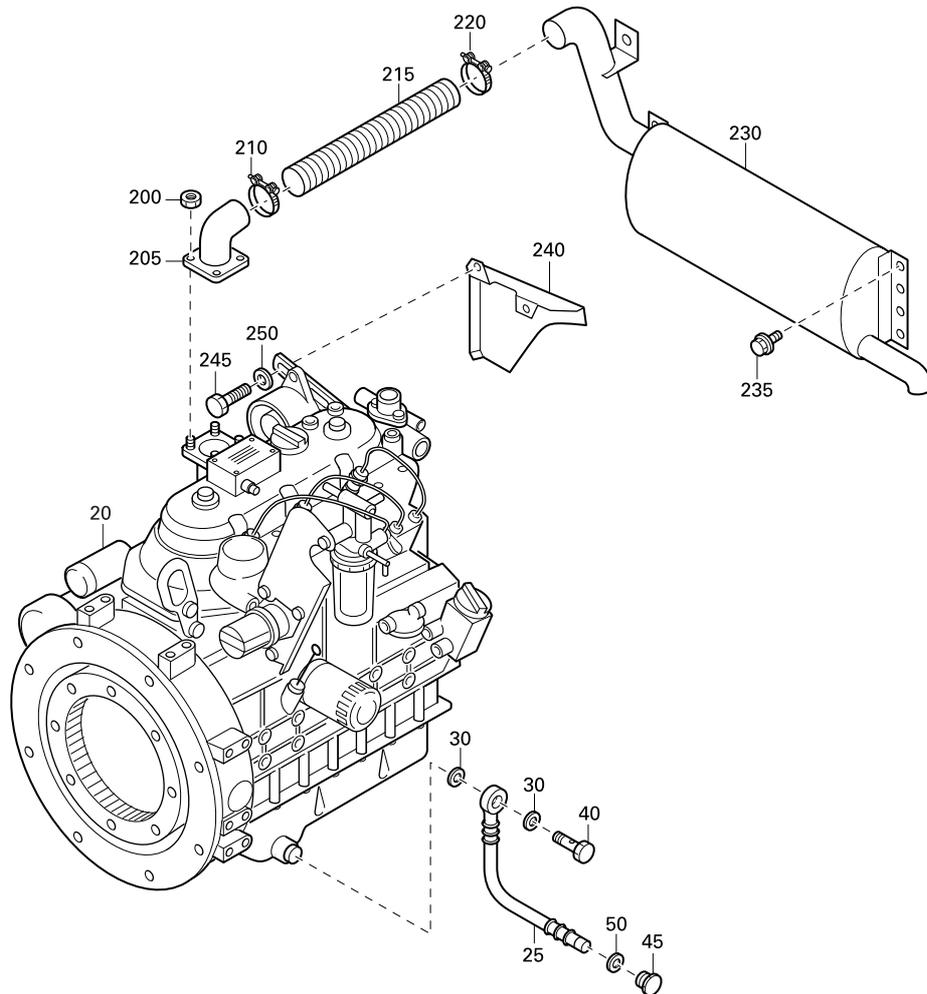
## XAS36 YdG

TELAIO E SOSTEGNI  
 RAMME OG FESTER  
 RAMME OG UNDERLAG  
 ΠΛΑΙΣΙΟ ΚΑΙ ΒΑΣΗ  
 QUADRO E SUPORTES  
 RUNKO JA KIINNITYSOSAT

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1605 0003 85	FRAME ASSY (For details see page 104)	1				
25	1202 8719 00	DISK	4				
30	1202 9006 01	ANTIVIBRATION PAD	2				
35	0147 1958 74	HEX. HEAD SCREW	4				
37	0291 1112 00	LOCKNUT	2				
40	0147 1411 03	HEX. HEAD SCREW	2				
60	1604 1809 00	SUPPORT	1				
65	1604 1811 00	SUPPORT	1				
70	0147 1360 03	HEX. HEAD SCREW	6				
72	0301 2344 00	PLAIN WASHER	6				
75	1604 1866 00	ANTIVIBR PAD	2				
80	0147 1360 03	HEX. HEAD SCREW	4				
85	0301 2344 00	PLAIN WASHER	4				
90	0333 3232 00	LOCK WASHER	4				
100	0266 2111 00	HEXAGON NUT	4				
110	1202 8719 00	DISK	4				
115	0301 2358 00	PLAIN WASHER	4				
120	0147 1415 12	HEX. HEAD SCREW	2				
125	0291 1112 00	LOCKNUT	2				
130	0266 2112 00	HEXAGON NUT	2				
150	-	SILENCING FOAM	2				
170	1605 0035 01	LIFTING EYE (For details see page 108)	1				
175	0211 1360 03	HEX SOCK. SCREW	6				
200	1503 1056 00	SEAL	AR				
205	1503 1056 00	SEAL	AR				
210	0686 9252 78	PLUG	9				
215	0686 9252 80	PLUG	2				
220	0686 9010 44	PLUG	1				
-	1079 0003 32	Foam available in sheets 2000 mm x 1500 mm x 30 mm					



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1605 0047 80	FUELTANK ASSY (For details see page 109)	1				
30	1616 4615 00	NYLON BAND	1				
35	1616 4614 00	NYLON BAND	1				
40	1616 4613 00	RETAINER	2				
50	1604 1892 02	SUPPORT	1				
55	0147 1325 03	HEX. HEAD SCREW	2				
60	0266 2110 00	HEXAGON NUT	2				
65	0333 3227 00	LOCK WASHER	2				
85	0075 4005 55	FUEL HOSE	AR				
90	1604 4137 00	HOSE CLIP	1				
100	1604 4137 00	HOSE CLIP	1				
105	0075 4005 55	FUEL HOSE	AR				
110	1604 4137 00	HOSE CLIP	1				
155	0075 4005 55	FUEL HOSE	AR				
160	1604 4137 00	HOSE CLIP	1				
195	0147 1333 03	HEX. HEAD SCREW	1				
200	0301 2335 00	PLAIN WASHER	1				

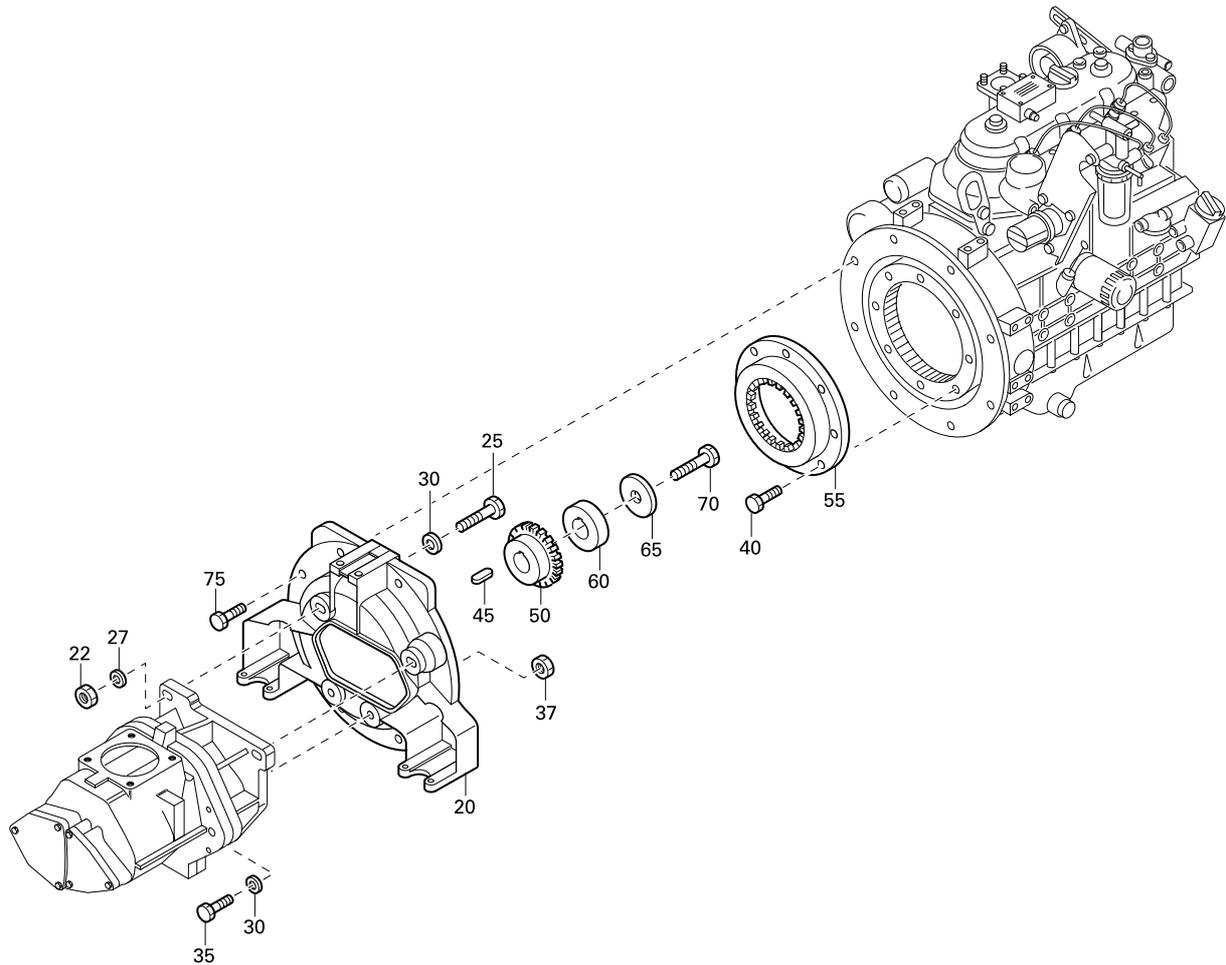


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1819 00	ENGINE	1				
25	1604 2225 00	HOSE ASSEMBLY	1				
30	0653 1092 00	FLAT GASKET	2				
40	0627 4200 09	PRESSURE SCREW	1				
45	0686 4239 00	HEXAGON PLUG	1				
50	0653 1115 00	FLAT GASKET	1				
200	0291 1185 04	LOCKNUT	4				
205	1604 1894 00	EXHAUST PIPE	1				
210	0346 3001 15	PIPE CLAMP	1				
215	1604 1895 00	EXHAUST PIPE	1				
220	0346 3001 15	PIPE CLAMP	1				
230	1605 0034 01	MUFFLER	1				
235	1615 5664 00	SCRAPER BOLT	4				
240	1605 0049 00	BELT GUARD	1				
245	0147 1323 03	HEX. HEAD SCREW	2				
250	0300 8019 00	PLAIN WASHER	2				

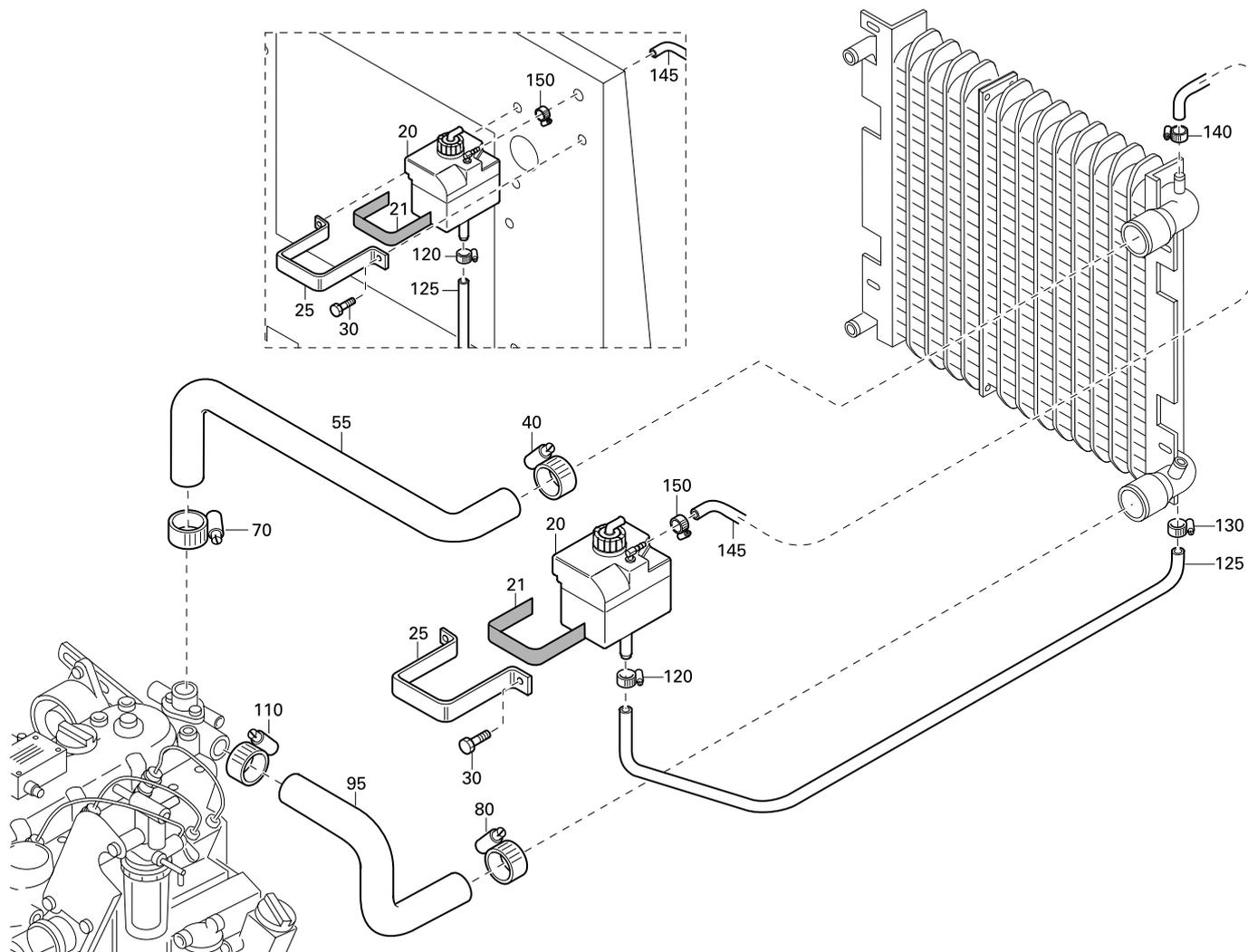
COUPLING  
KOPPELING  
ACCOUPEMENT  
KUPPLUNG  
EMBRAGUE  
MOPPLING

## XAS36 YdG

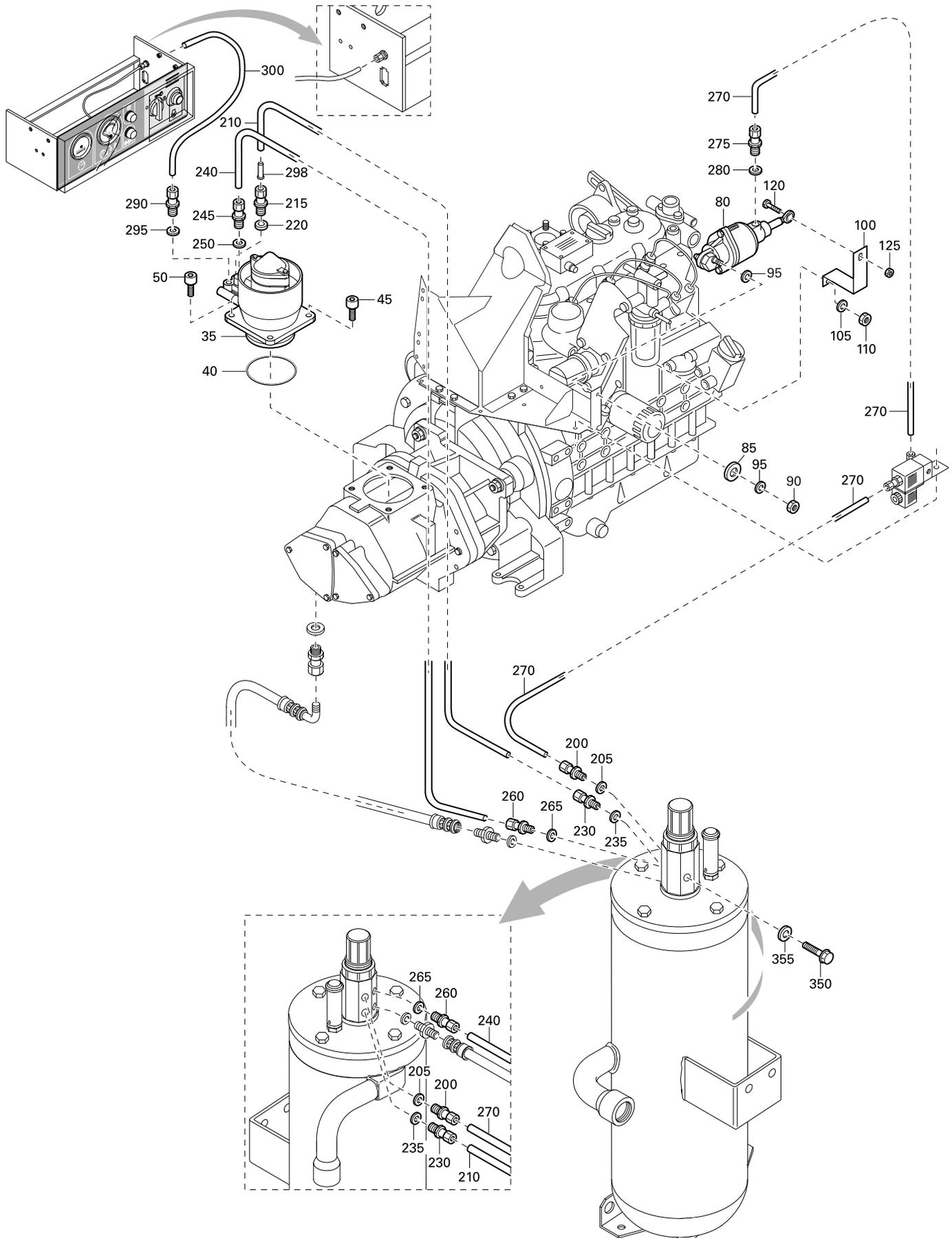
GIUNTO  
KOBLING  
KOBLING  
ΣΥΝΔΕΣΜΟΣ  
ACOPLAMENTO  
VAIHTEISTO



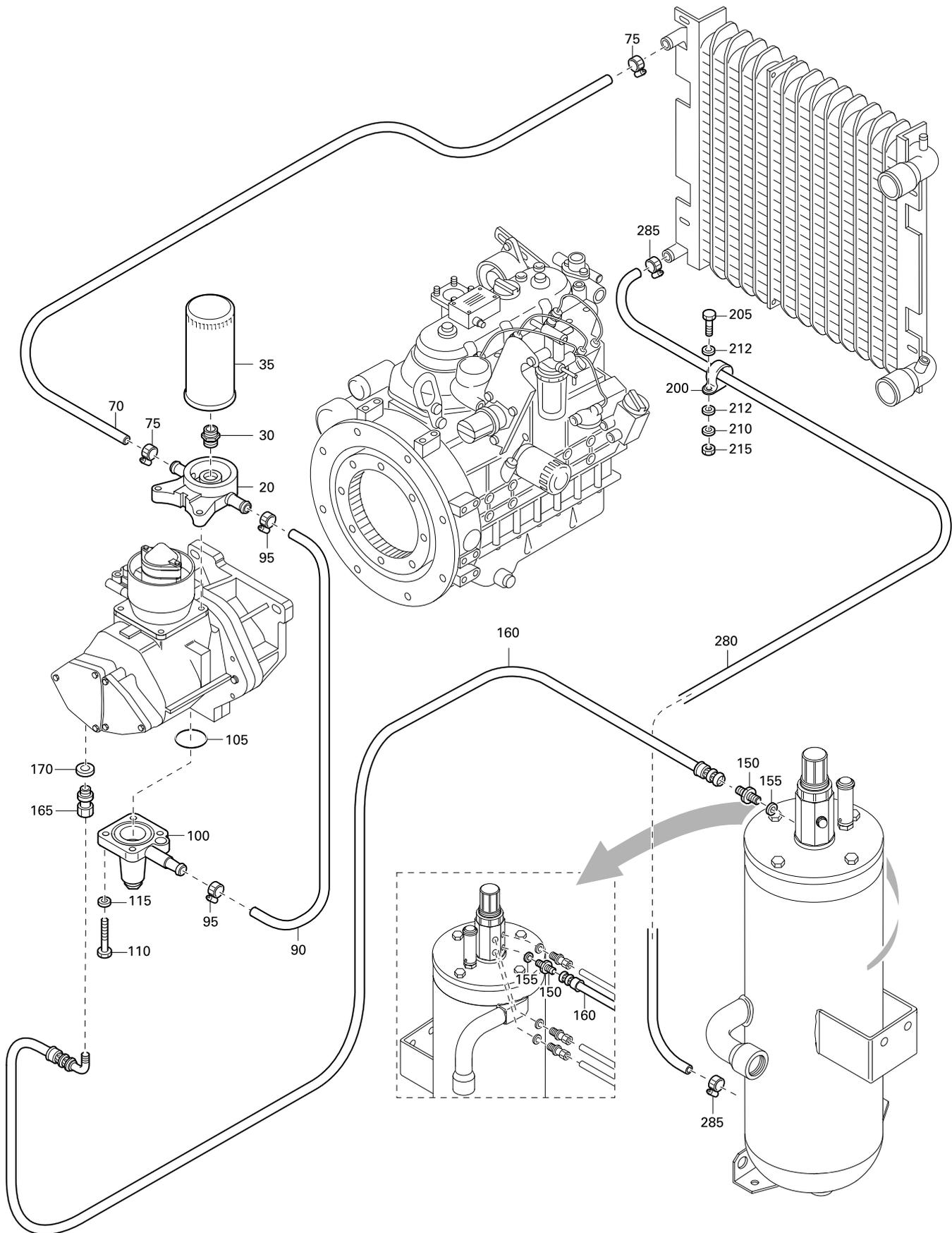
REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1801 00	HOUSING (COUPLING)	1				
22	0291 1111 00	LOCKNUT	2				
25	0147 1368 03	HEX. HEAD SCREW	2				
27	0300 0274 93	PLAIN WASHER	2				
30	0300 0274 93	PLAIN WASHER	4				
35	0147 1380 03	HEX. HEAD SCREW	2				
37	0291 1111 00	LOCKNUT	2				
40	0211 1322 03	HEX SOCK. SCREW	8				
45	0337 6061 00	PARALLEL KEY	1				
50	1604 1805 00	COUPLING	1				
55	1604 1804 00	COUPLING	1				
60	1604 1802 00	BUSH	1				
65	1604 1807 00	WASHER	1				
70	0147 1368 03	HEX. HEAD SCREW	1				
75	0147 1360 03	HEX. HEAD SCREW	7				



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1615 6195 81	EXPANSION TANK ASSY (For details see page 136)	1				
21	1503 1056 00	SEAL	AR				
25	1605 0000 00	CLAMP	1				
30	1615 5664 00	SCRAPER BOLT	2				
40	0347 6110 00	HOSE CLAMP	1				
55	1615 7178 00	HOSE	1				
70	0347 6110 00	HOSE CLAMP	1				
80	0347 6110 00	HOSE CLAMP	1				
95	1615 6797 01	HOSE	1				
110	0347 6110 00	HOSE CLAMP	1				
120	0347 6105 00	HOSE CLAMP	1				
125	1615 6748 01	HOSE	1				
130	0347 6105 00	HOSE CLAMP	1				
140	0347 6102 00	HOSE CLAMP	1				
145	0075 4005 55	FUEL HOSE	AR				
150	0347 6102 00	HOSE CLAMP	1				



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
35	1615 7667 82	UNLOADING VALVE ASSY (For details see page 137)	1				
40	0663 2106 16	O-RING	1				
45	0211 1323 03	HEX SOCK. SCREW	2				
50	0211 1328 03	HEX SOCK. SCREW	2				
80	1604 0321 80	ACTUATING UNIT (ASSY) (For details see page 93)	1				
85	0303 1274 01	PLAIN WASHER	1				
90	0291 1110 00	LOCKNUT	1				
95	0301 2335 00	PLAIN WASHER	2				
100	1605 0002 01	LEVER	1				
105	0301 2335 00	PLAIN WASHER	1				
110	0291 1110 00	LOCKNUT	1				
120	0147 1247 03	HEX. HEAD SCREW	1				
125	0291 1108 00	LOCKNUT	1				
200	0582 1200 06	STRAIGHT PIPE COUPLING	1				
205	0653 1043 00	FLAT GASKET	1				
210	0070 6002 05	PLASTIC TUBE	AR				
215	0582 1200 06	STRAIGHT PIPE COUPLING	1				
220	0653 1043 00	FLAT GASKET	1				
230	0582 1200 05	STRAIGHT PIPE COUPLING	1				
235	0653 1043 00	FLAT GASKET	1				
240	0070 6002 04	PLASTIC TUBE	AR				
245	0582 1200 05	STRAIGHT PIPE COUPLING	1				
250	0653 1043 00	FLAT GASKET	1				
260	0582 1200 05	STRAIGHT PIPE COUPLING	1				
265	0653 1043 00	FLAT GASKET	1				
270	0070 6002 04	PLASTIC TUBE	AR				
275	0582 1200 05	STRAIGHT PIPE COUPLING	1				
280	0653 1043 00	FLAT GASKET	1				
290	0582 1200 05	STRAIGHT PIPE COUPLING	1				
295	0653 1043 00	FLAT GASKET	1				
298	1604 2250 00	NOZZLE	1				
300	0070 6002 04	PLASTIC TUBE	AR				
350	0686 4201 03	HEXAGON PLUG	1				
355	0653 1046 00	FLAT GASKET	1				

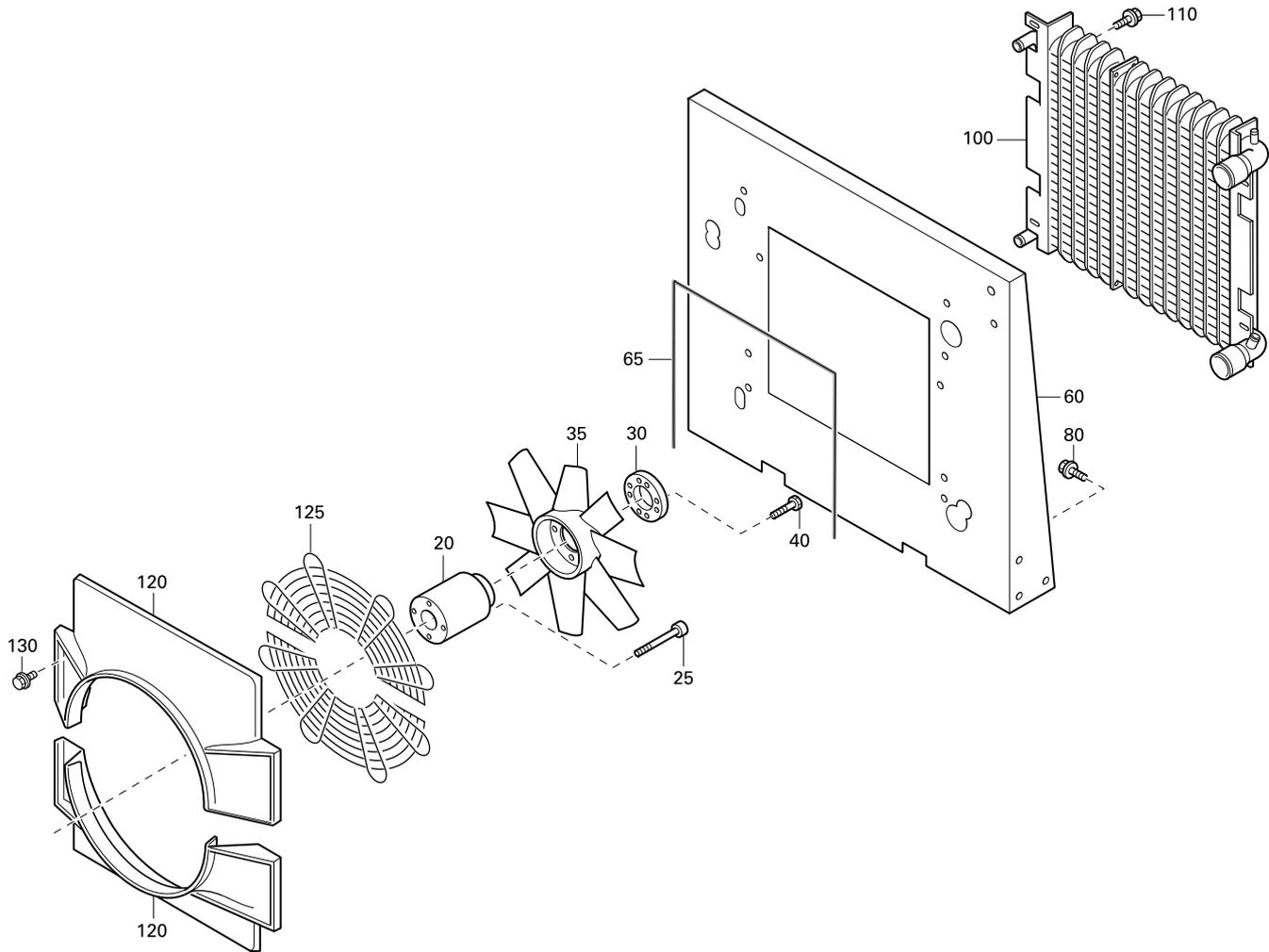


OIL SYSTEM  
OLIESYSTEEM  
SYSTEME D'HUILE  
ÖLSYSTEM  
SISTEMA DE ACEITE  
OLJESYSTEM

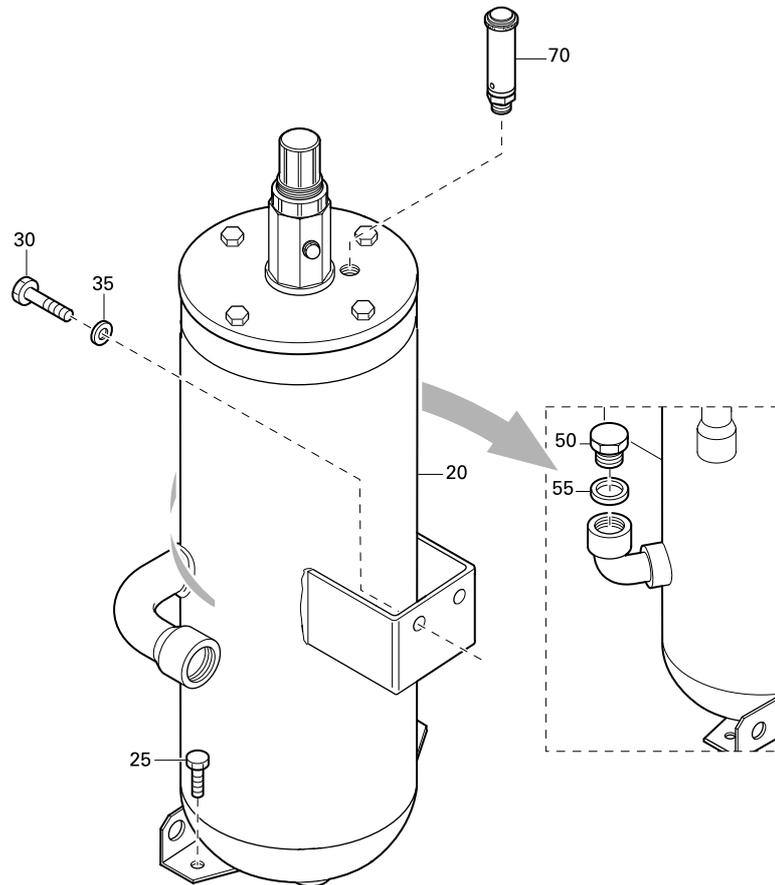
## XAS36 YdG

SISTEMA DELL'OLIO  
OLJESYSTEM  
OLIESYSTEM  
ΣΥΣΤΗΜΑ ΕΛΑΙΟΥ  
SISTEMA DE ÓLEO  
ÖLJYJÄRJESTELMÄ

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1615 7767 02	FILTER HOUSING	1				
30	1619 3770 00	NIPPLE	1				
35	1613 6105 00	OIL FILTER	1				
70	1615 8993 10	HOSE OLNH	1				
75	1202 8663 01	HOSE CLIP	2				
90	1615 8993 01	HOSE	1				
95	1202 8663 01	HOSE CLIP	2				
100	1615 7768 80	FLANGE ASSY	1				
		(For details see page 140)					
105	0663 7135 00	O-RING	1				
110	0211 1325 03	HEX SOCK. SCREW	4				
115	0301 2335 00	PLAIN WASHER	4				
150	1079 5840 01	HEXAGON NIPPLE	1				
155	0653 1070 00	FLAT GASKET	1				
160	0575 0241 28	HOSE ASSEMBLY	1				
165	0581 0000 47	STRAIGHT PIPE COUPLING	1				
170	0653 1070 00	FLAT GASKET	1				
200	1613 0801 08	CLAMP	2				
205	0147 1249 03	HEX. HEAD SCREW	1				
210	0333 3220 00	LOCK WASHER	1				
212	0301 2321 00	PLAIN WASHER	2				
215	0266 2108 00	HEXAGON NUT	1				
280	1615 8993 09	HOSE OLNH	1				
285	1202 8663 01	HOSE CLIP	2				



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1837 00	ADAPTOR	1				
25	0211 1259 03	HEX SOCK.SCREW	4				
30	1615 7690 00	CLAMPING RING	1				
35	1615 7688 01	FAN	1				
40	0147 1249 03	HEX. HEAD SCREW	8				
60	1605 0021 00	PLATE (COOLER)	1				
		(For details see page 105)					
65	1619 6858 00	SEAL	AR				
80	1615 5664 00	SCRAPER BOLT	6				
100	1605 0001 00	COMBI-COOLER	1				
110	1619 5337 03	SCRAPER BOLT	4				
120	1202 8669 00	FAN COWL	2				
125	1202 8670 01	FAN GUARD	2				
130	1615 5664 00	SCRAPER BOLT	4				

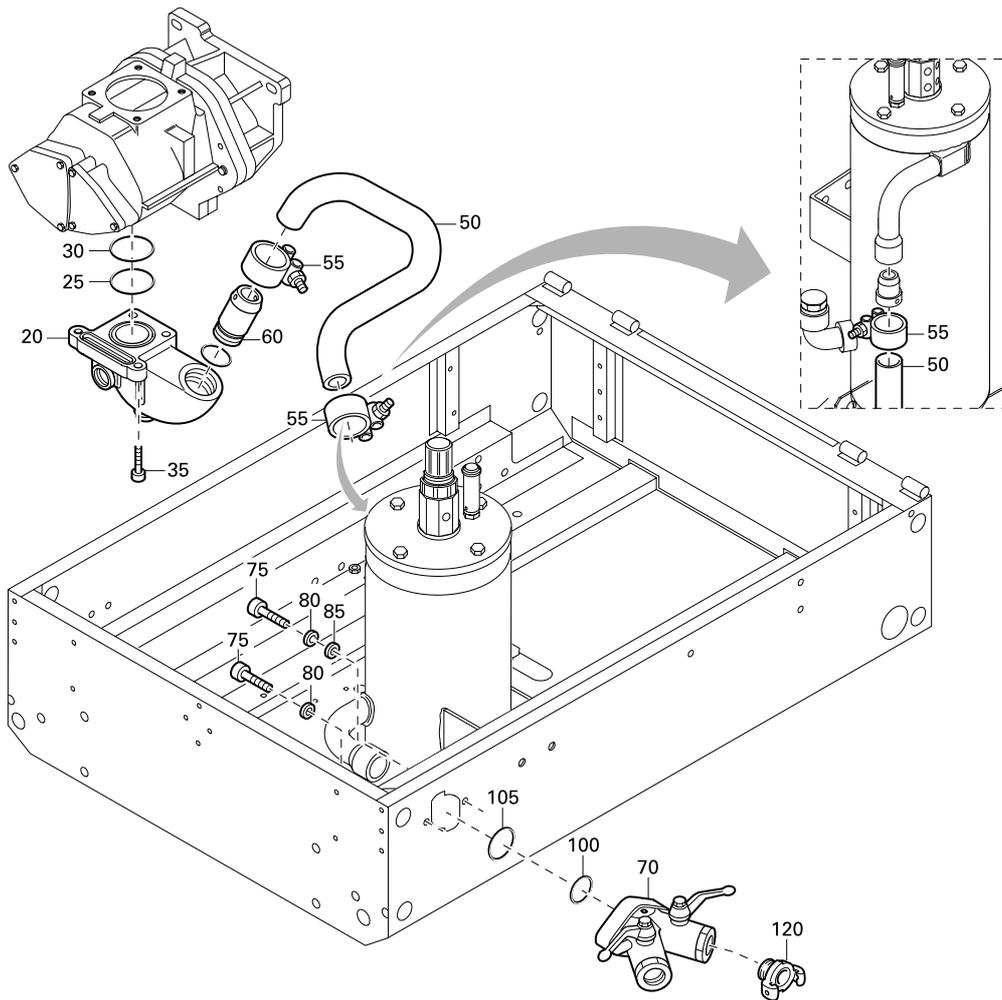


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1825 82	OIL SEP ASSY (For details see page 94)	1				
25	1615 5664 00	SCRAPER BOLT	2				
30	0147 1362 03	HEX. HEAD SCREW	2				
35	0301 2344 00	PLAIN WASHER	2				
50	1615 5080 00	PLUG	1				
55	0661 1038 00	SEALING WASHER	1				
70	0830 1008 63	SAFETY VALVE	1				

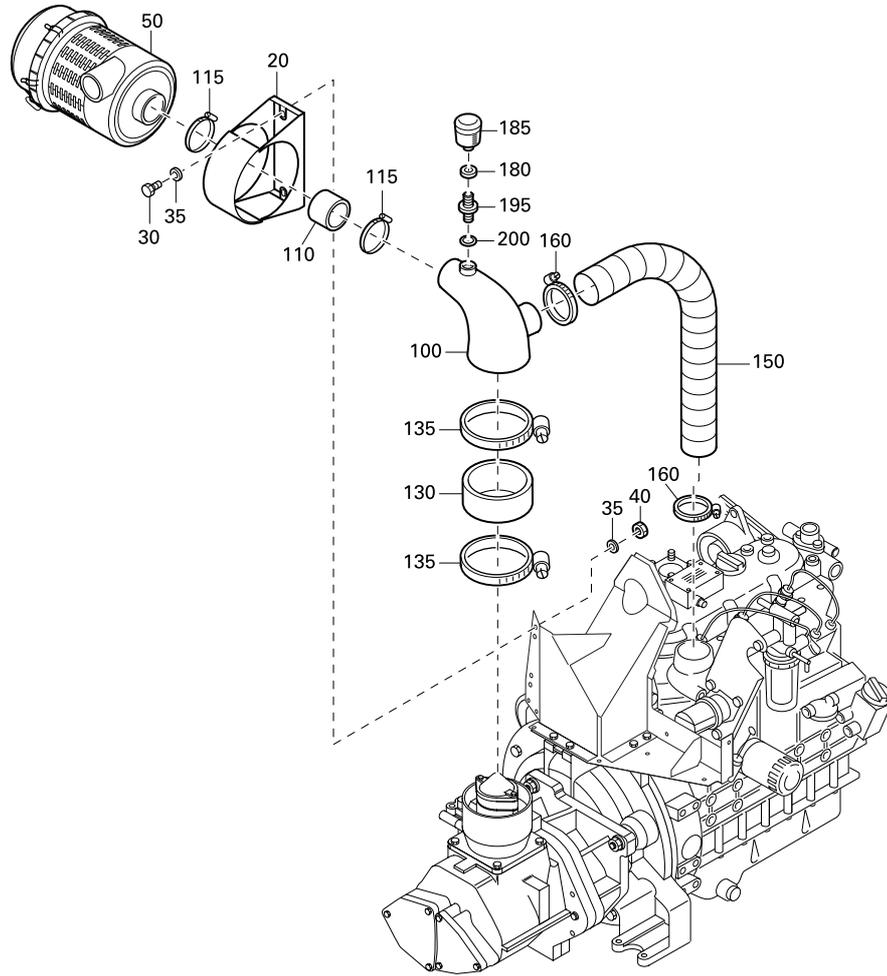
AIR OUTLET  
 LUCHTUITLAAT  
 SORTIE D'AIR  
 LUFTAUSLASS  
 SALIDA DE AIRE  
 LUFTUTLOPP

## XAS36 YdG

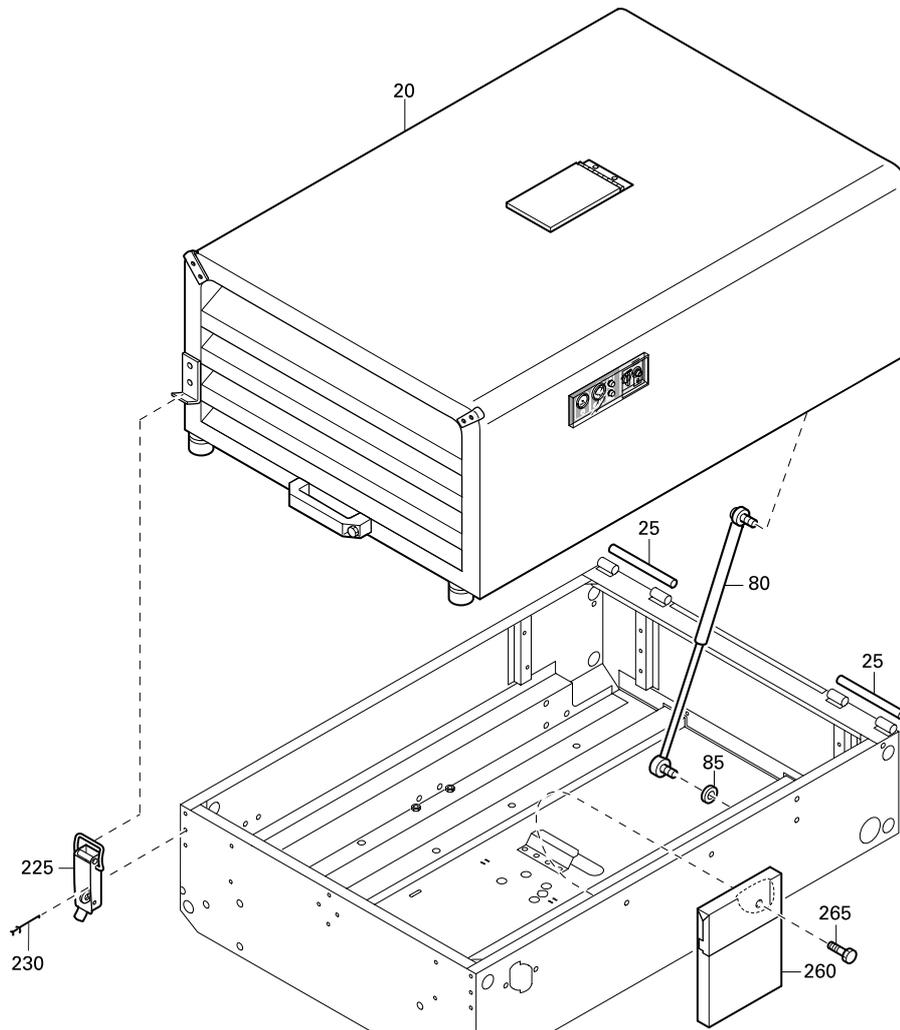
USCITA D'ARIA  
 LUFTUTLØP  
 LUFTUDSUGNING  
 ΔΙΟΔΟΣ ΕΞΑΓΩΓΗΣ  
 SAÍDA DE AR  
 ILMAN POISTOAUKKO



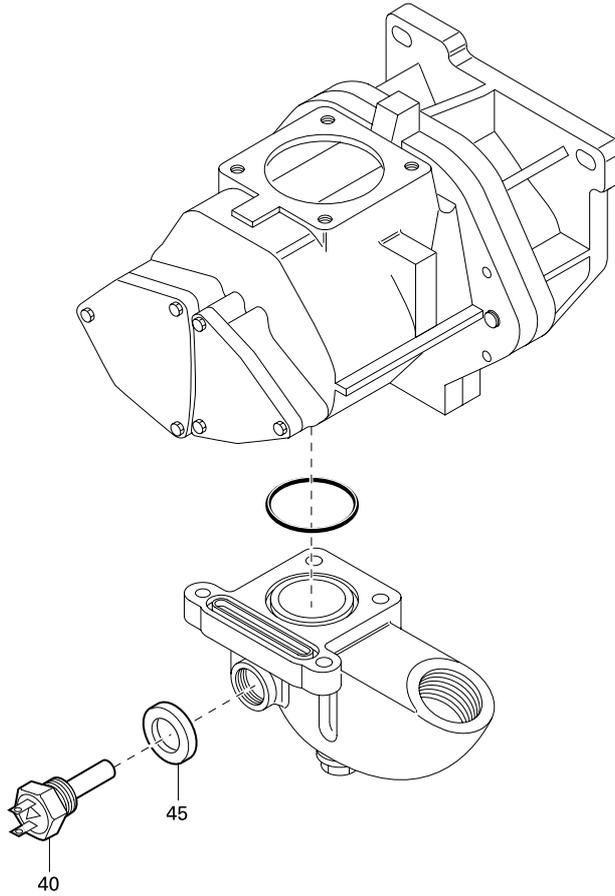
REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1831 80	MANIFOLD ASSY (For details see page 95)	1				
25	-	O-RING	1				
30	-	O-RING	1				
35	0211 1325 03	HEX SOCK. SCREW	4				
50	1604 1832 00	HOSE	1				
55	1202 8663 04	HOSE CLIP	2				
60	1604 1844 01	NIPPLE	1				
70	1615 7702 81	TWIN BALL VALVE (For details see page 138)	1				
75	0211 1322 03	HEX SOCK. SCREW	2				
80	0333 3227 00	LOCK WASHER	2				
85	1088 0019 01	CONTACT WASHER	1				
100	-	O-RING	1				
105	-	O-RING	1				
120	9000 0302 00	PIPE COUPL.	2				



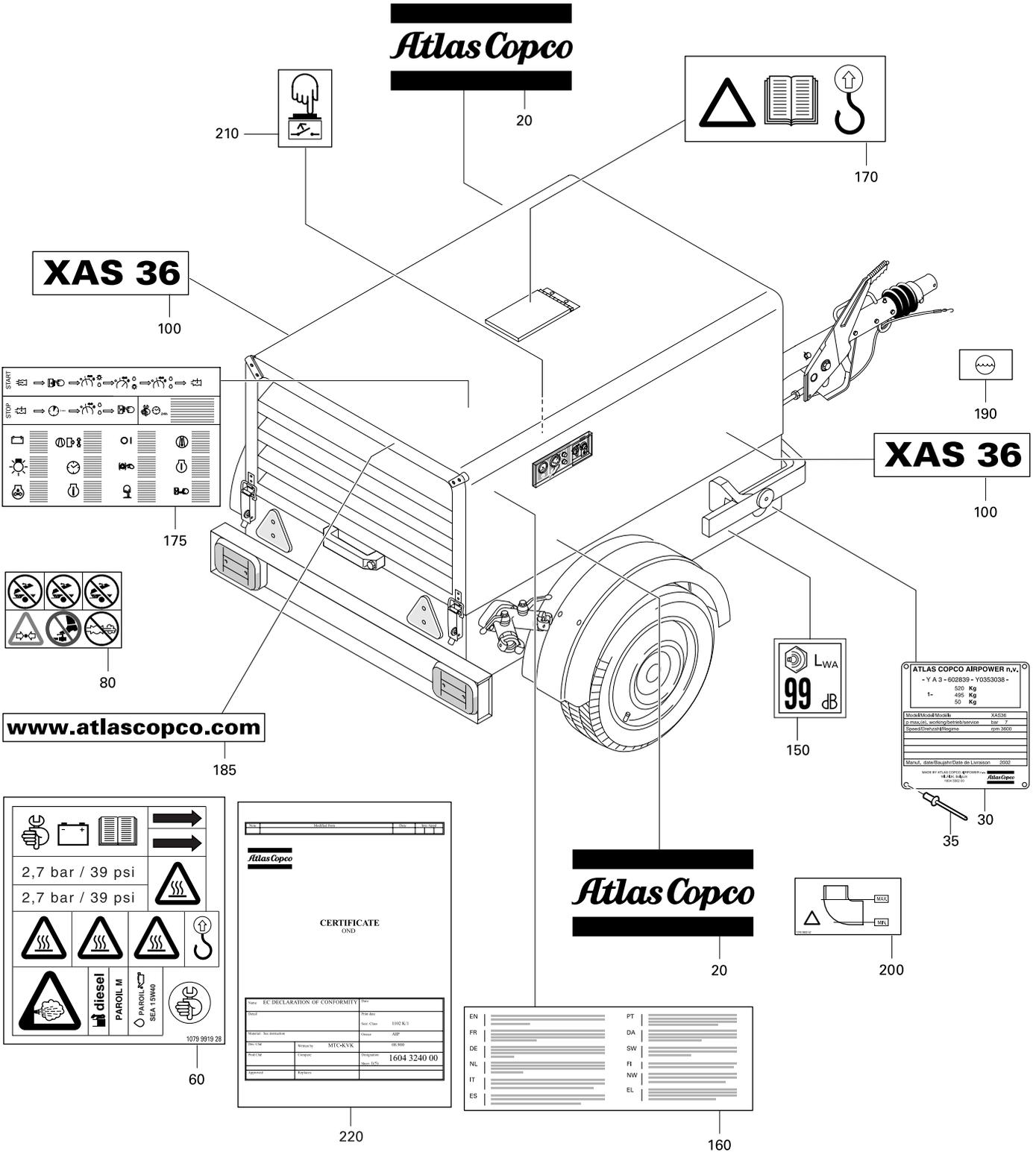
REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1615 6958 00	SUPPORT	1				
30	0147 1327 03	HEX. HEAD SCREW	2				
35	0303 1274 01	PLAIN WASHER	4				
40	0291 1110 00	LOCKNUT	2				
50	1604 2230 00	AIRFILTER	1				
		(For details see page 101)					
100	1604 1843 00	AIR DUCT	1				
110	1604 1868 00	HOSE	1				
115	0347 6100 04	HOSE CLAMP	2				
130	1615 7706 00	HOSE	1				
135	0347 6115 00	HOSE CLAMP	2				
150	1615 6533 04	HOSE	1				
160	0347 6112 00	HOSE CLAMP	2				
180	0661 1014 00	SEALING WASHER	1				
185	1613 7912 01	INDICATOR	1				
195	1612 2152 00	NIPPLE	1				
200	0653 1046 00	FLAT GASKET	1				



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1840 84	HOOD ASSEMBLY (For details see page 99)	1				
25	1605 0025 00	ROD	2				
80	1605 0026 00	GASSPRING	2				
85	0301 2335 00	PLAIN WASHER	2				
225	1604 1834 00	STIRRUP	2				
230	0129 3174 01	BLIND RIVET	6				
260	1604 2206 00	HOLDER (DOCUMENT)	1				
265	1619 5898 01	BOLT	2				



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
40	1615 7831 02	TEMPERATURE SWITCH	1				
45	0661 1033 00	SEALING WASHER	1				

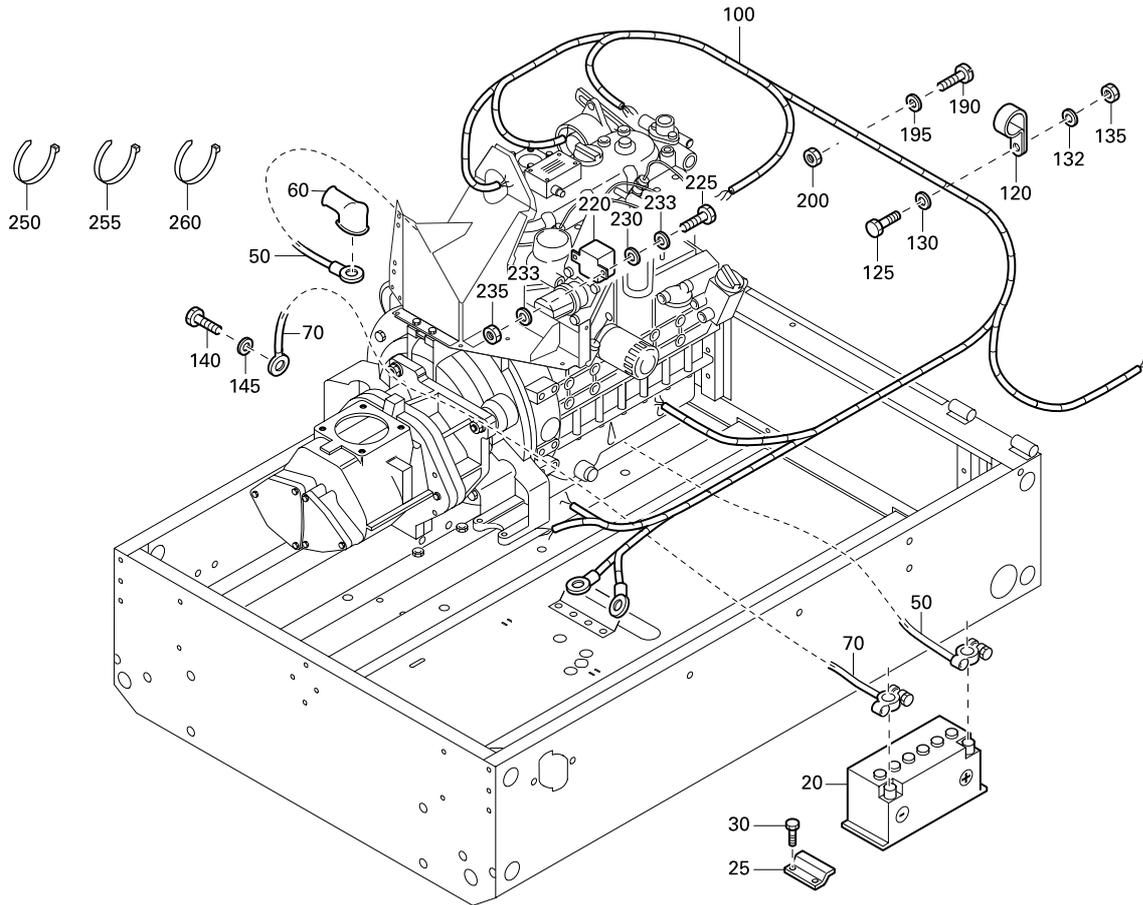


MARKINGS  
MARKERINGEN  
MARQUAGES  
MARKIERUNGEN  
MARCAJES  
SKYLTAR

## XAS36 YdG

MARCATURE  
MERKING  
MARKERINGER  
ΣΗΜΑΔΙΑ  
MARÇAÇÕES  
MERKINNÄT

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	0690 1132 00	HOUSE MARK	2				
30	1604 3302 00	DATA PLATE	1				
35	0129 3103 00	BLIND RIVET	4				
60	1079 9919 28	INFORMATION LABEL	1				
80	1079 9902 29	WARNING LABEL	1				
100	1604 1874 00	LABEL	2				
150	1604 3317 04	LABEL NOISE 99LWA	1				
160	1079 9905 51	INSTRUCTION LABEL	1				
170	1079 9902 58	WARNING LABEL	1				
175	1079 9907 77	INSTRUCTION LABEL	1				
185	1079 9921 03	INFORMATION LABEL	1				
190	1079 9916 60	INFORMATION LABEL	1				
200	1079 9902 52	INFORMATION LABEL	1				
210	1079 9919 83	INFORMATION LABEL	1				
220	1604 3240 00	CERTIFICATE CE PED OND	1				
230	9822 0978 00	CE MARK INSTRUCTION	1				

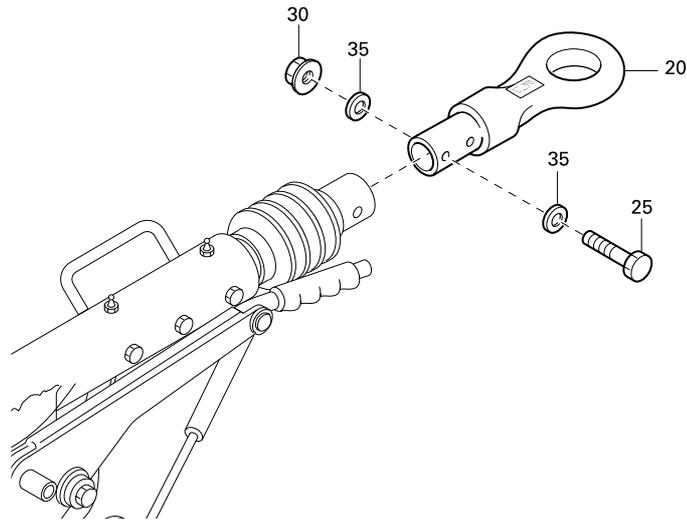


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	0975 8300 09	BATTERY	1				
25	1202 9011 00	CLAMP	1				
30	1619 2766 00	BOLT	2				
50	1604 1835 00	BATTERY CABLE	1				
60	1619 3729 00	PROTECT.CAP	1				
70	1604 1836 00	BATTERY CABLE	1				
100	1604 1818 01	WIRE HARNESS	1				
120	0346 1000 20	PIPE CLAMP	1				
125	0147 1249 03	HEX. HEAD SCREW	1				
130	0333 3220 00	LOCK WASHER	1				
132	0333 3220 00	LOCK WASHER	1				
135	0266 2108 00	HEXAGON NUT	1				
140	0147 1360 03	HEX. HEAD SCREW	1				
145	1088 0019 02	CONTACT WASHER	1				
190	0160 6060 00	SLOTTED SCREW	2				
195	0333 3215 00	LOCK WASHER	2				
200	0266 2107 00	HEXAGON NUT	2				
220	1089 0585 01	RELAY	1				
225	0147 1246 03	HEX. HEAD SCREW	2				
230	0333 3220 00	LOCK WASHER	2				
233	0301 2321 00	PLAIN WASHER	4				
235	0266 2108 00	HEXAGON NUT	2				
250	1088 1301 02	CABLE STRIP	12				
255	1088 1301 04	CABLE STRIP	2				
260	1088 1301 03	CABLE STRIP	1				

TOWING EYES  
TREKOGEN  
ANNEAUX DE REMORQUAGE  
SCHLEPPÖSEN  
ANILLA DE REMOLQUE  
DRAGÖGLOR

## XAS36 YdG

OCCHIONI DI TRAINO  
SLEPEØJE  
TRÆKØJER  
ΥΠΟΛΟΧΕΣ ΡΥΜΟΥΑΚΗΣΗΣ  
OLHAIS DE REBOQUE  
VETOSILMUKKA

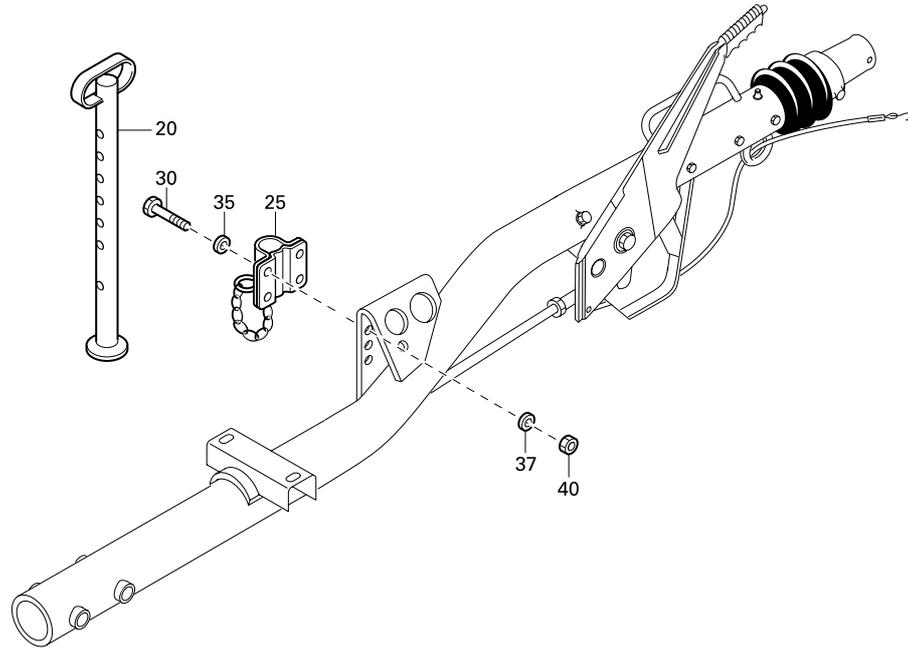


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 2208 00	TOWING EYE (GB50-FB)	1				
25	1202 9844 01	BOLT	2				
30	0291 1112 00	LOCKNUT	2				
35	0301 2358 00	PLAIN WASHER	4				

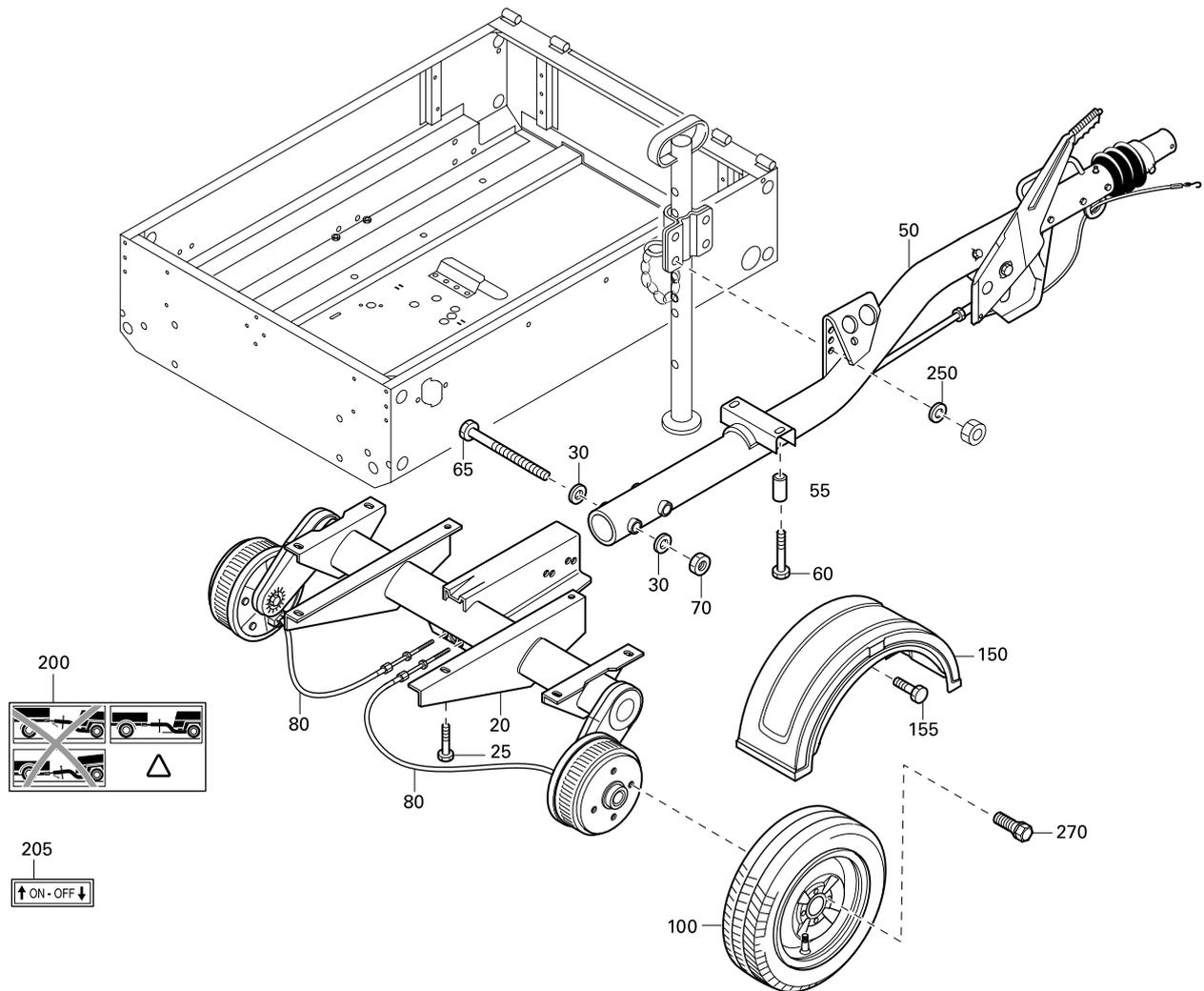
SUPPORT  
STUT  
SUPPORT  
STÜTZE  
SOPORTE  
STÖD

## XAS36 YdG

SUPPORTO  
STØTTE  
UNDERSTØTNING  
ΥΠΟΣΤΗΡΙΓΜΑ  
SUPORTE  
KANNATIN



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1615 7752 00	FOOT	1				
25	1615 7751 00	CLAMP ASSY	1				
30	0147 1364 03	HEX. HEAD SCREW	4				
35	0333 3232 00	LOCK WASHER	4				
37	0301 2358 00	PLAIN WASHER	4				
40	0266 2111 00	HEXAGON NUT	4				

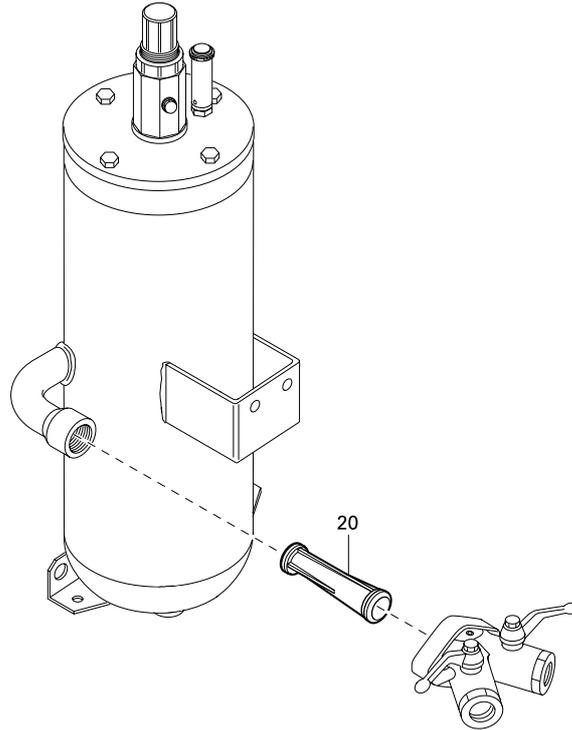


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1860 01	AXLE (BRAKES) (For details see page 97)	1				
25	0147 1400 15	HEX. HEAD SCREW	4				
30	0301 2358 00	PLAIN WASHER	2				
50	1604 1855 01	TOWBAR (FB) (For details see page 96)	1				
55	1615 9575 00	SPACER	2				
60	0147 1408 03	HEX. HEAD SCREW	2				
65	0147 1418 03	HEX. HEAD SCREW	2				
70	0291 1112 00	LOCKNUT	2				
80	1604 2219 00	BRAKE CABLE	2				
100	1615 9242 80	TYRE ASSY 155/80R13 (For details see page 142)	2				
150	1604 1865 01	MUDGUARD	2				
155	1615 5664 00	SCRAPER BOLT	8				
200	1079 9902 00	WARNING LABEL	1				
205	1079 9919 07	INFORMATION LABEL	1				
250	0301 2344 00	PLAIN WASHER	4				
260	0371 1100 21	LIFTING EYE	2				
270	1604 2236 00	WHEELBOLT	8				

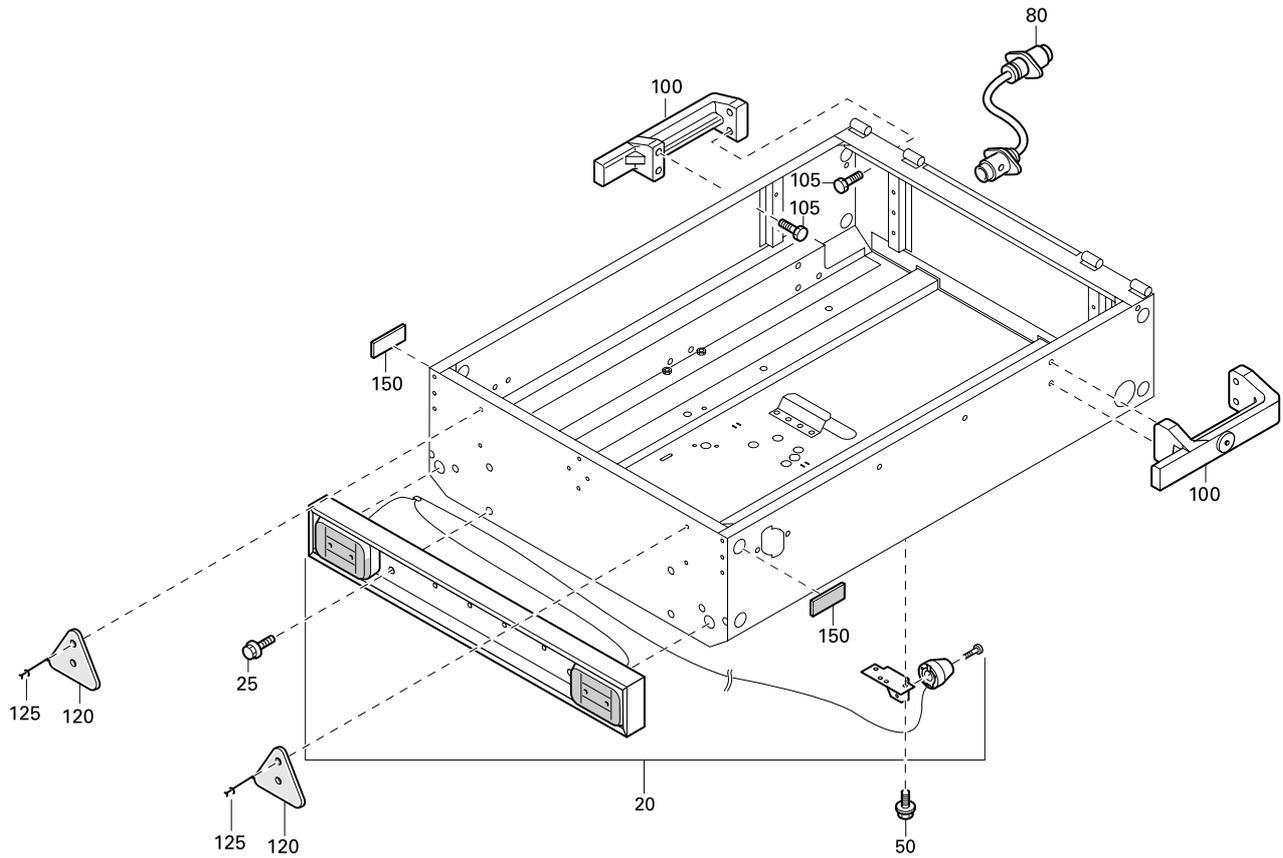
NO LUBRICATOR  
GEEN SMEERTOESTEL  
SANS LUBRIFICATEUR  
KEIN SCHMIERAPPARAT  
SIN LUBRICADOR  
INGEN SMÖRJAPPARAT

## XAS36 YdG

LUBRIFICATORE NON INCLUSI  
INGEN SMØRER  
EJ SMØREAPPARAT  
ΣΩΡΙΣ ΛΙΠΑΝΤΗΡΑΣ  
SEM LIBRIFICADOR  
EI VOITELULAITE



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1821 00	RESTRICTOR	1				

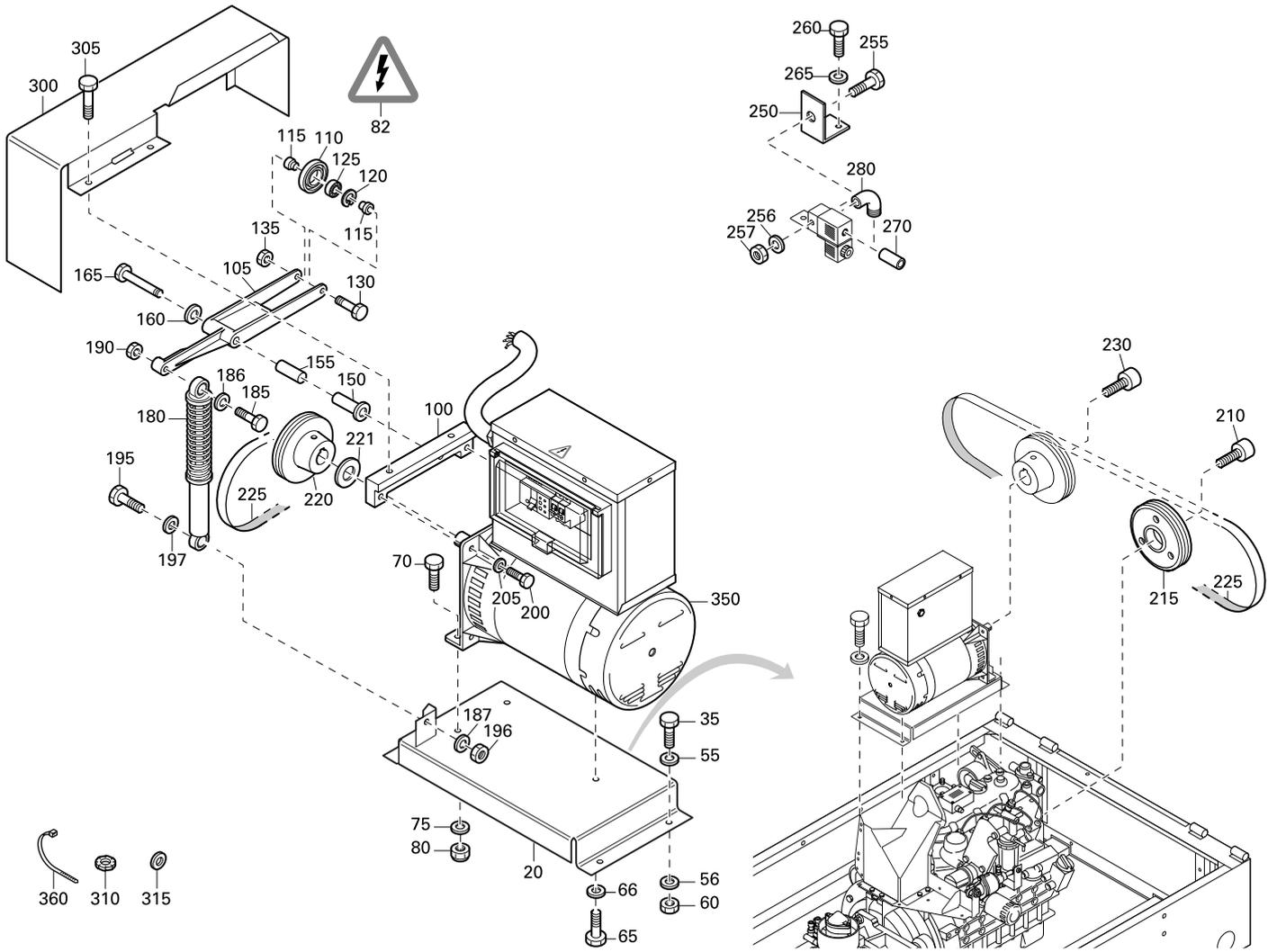


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1605 0028 81	BUMPER ASSY (For details see page 107)	1				
25	1619 2766 00	BOLT	4				
50	1619 2766 00	BOLT	2				
80	1616 0864 00	CABLE	1				
100	1615 7738 80	PROTECTION ASSY (For details see page 139)	2				
105	1619 2766 00	BOLT	8				
120	1202 9402 01	REFLECTOR	2				
125	0129 3177 00	BLIND RIVET	4				
150	1615 6882 00	REFLECTOR	2				

GENERATOR  
GENERATOR  
GENERATEUR  
GENERATOR  
GENERADOR  
GENERATOR

# XAS36 YdG

GENERATORE  
GENERATOR  
GENERATOR  
ΓΕΝΗΤΡΙΑ  
GERADOR  
GENERATORI



GENERATOR  
 GENERATOR  
 GENERATEUR  
 GENERATOR  
 GENERADOR  
 GENERATOR

## XAS36 YdG

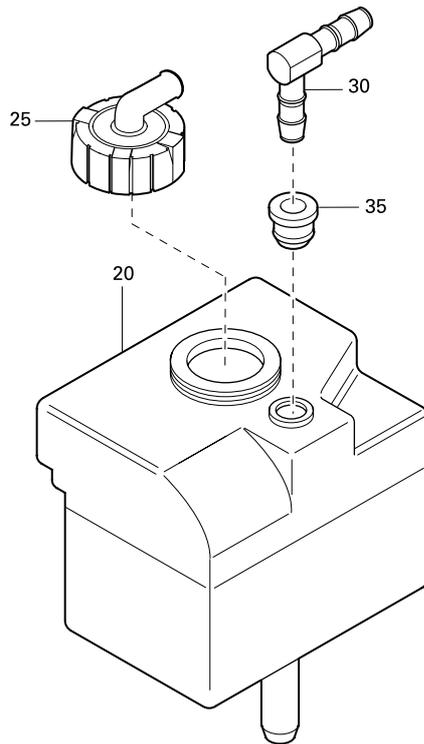
GENERATORE  
 GENERATOR  
 GENERATOR  
 FENNHTPIA  
 GERADOR  
 GENERAATTORI

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1881 00	SUPPORT	1				
35	0147 1362 03	HEX. HEAD SCREW	4				
55	0301 2335 00	PLAIN WASHER	4				
56	0333 3227 00	LOCK WASHER	4				
60	0266 2110 00	HEXAGON NUT	4				
65	0147 1322 03	HEX. HEAD SCREW	1				
66	0301 2335 00	PLAIN WASHER	1				
70	0147 1325 03	HEX. HEAD SCREW	2				
75	0301 2335 00	PLAIN WASHER	2				
80	0291 1110 00	LOCKNUT	2				
82	1088 1001 02	WARNING MARK	1				
100	1604 1880 00	SUPPORT	1				
105	1615 8668 01	LEVER	1				
110	1615 8670 01	PULLEY	1				
115	1615 8669 00	BUSHING	2				
120	0335 2136 00	CIRCLIP	1				
125	0502 1091 38	BALL BEARING	1				
130	0147 1330 03	HEX. HEAD SCREW	1				
135	0291 1110 00	LOCKNUT	1				
150	1615 8667 00	AXLE	1				
155	0500 4510 22	PLAIN BEARING	2				
160	0303 1274 01	PLAIN WASHER	1				
165	0147 1333 03	HEX. HEAD SCREW	1				
180	1615 8671 00	DAMPER	1				
185	0147 1329 03	HEX. HEAD SCREW	1				
186	0300 8019 00	PLAIN WASHER	1				
187	0301 2335 00	PLAIN WASHER	1				
190	0291 1110 00	LOCKNUT	1				
195	0147 1326 03	HEX. HEAD SCREW	1				
196	0291 1110 00	LOCKNUT	1				
197	0300 8019 00	PLAIN WASHER	1				
200	0147 1325 03	HEX. HEAD SCREW	2				
205	0301 2335 00	PLAIN WASHER	2				
210	0211 1364 00	HEX SOCK. SCREW	3				
215	1604 1885 00	PULLEY	1				
220	1604 1884 00	PULLEY	1				
221	1604 1887 00	WASHER	1				
225	1604 1883 00	V-BELT	1				
230	0211 1323 00	HEX SOCK. SCREW	1				
250	1604 1889 00	SUPPORT	1				
255	0147 1322 03	HEX. HEAD SCREW	1				
256	0301 2335 00	PLAIN WASHER	1				
257	0266 2110 00	HEXAGON NUT	1				
260	0147 1171 03	HEX. HEAD SCREW	2				
265	0333 3214 00	LOCK WASHER	2				
270	0581 0000 54	STRAIGHT PIPE COUPLING	1				
280	0581 1200 16	ELBOW PIPE COUPLING	1				
300	1604 1879 00	PLATE	1				
305	0147 1322 03	HEX. HEAD SCREW	2				
310	0301 2335 00	PLAIN WASHER	2				
315	0333 3227 00	LOCK WASHER	2				
350	1604 1875 81	GENERATOR 55-110V	1				
		(For de tails see page 103)					
360	1088 1301 03	CABLE STRIP	3				

EXPANSION TANK  
 EXPANSIEVAT  
 VASE D'EXPANSION  
 EXPANSIONSGEFÄSS  
 TANQUE DE EXPANSIÓN  
 EXPANSIONSTANK

## XAS36 YdG

SERBATOIO DI ALIMENTAZIONE  
 EKSPANSJONSTANK  
 EKSPANSIONSTANK  
 ΔΟΧΕΙΟ ΔΙΑΣΤΟΛΗΣ  
 TANQUE DE EXPANSÃO  
 PAISUNTASÄILIÖ

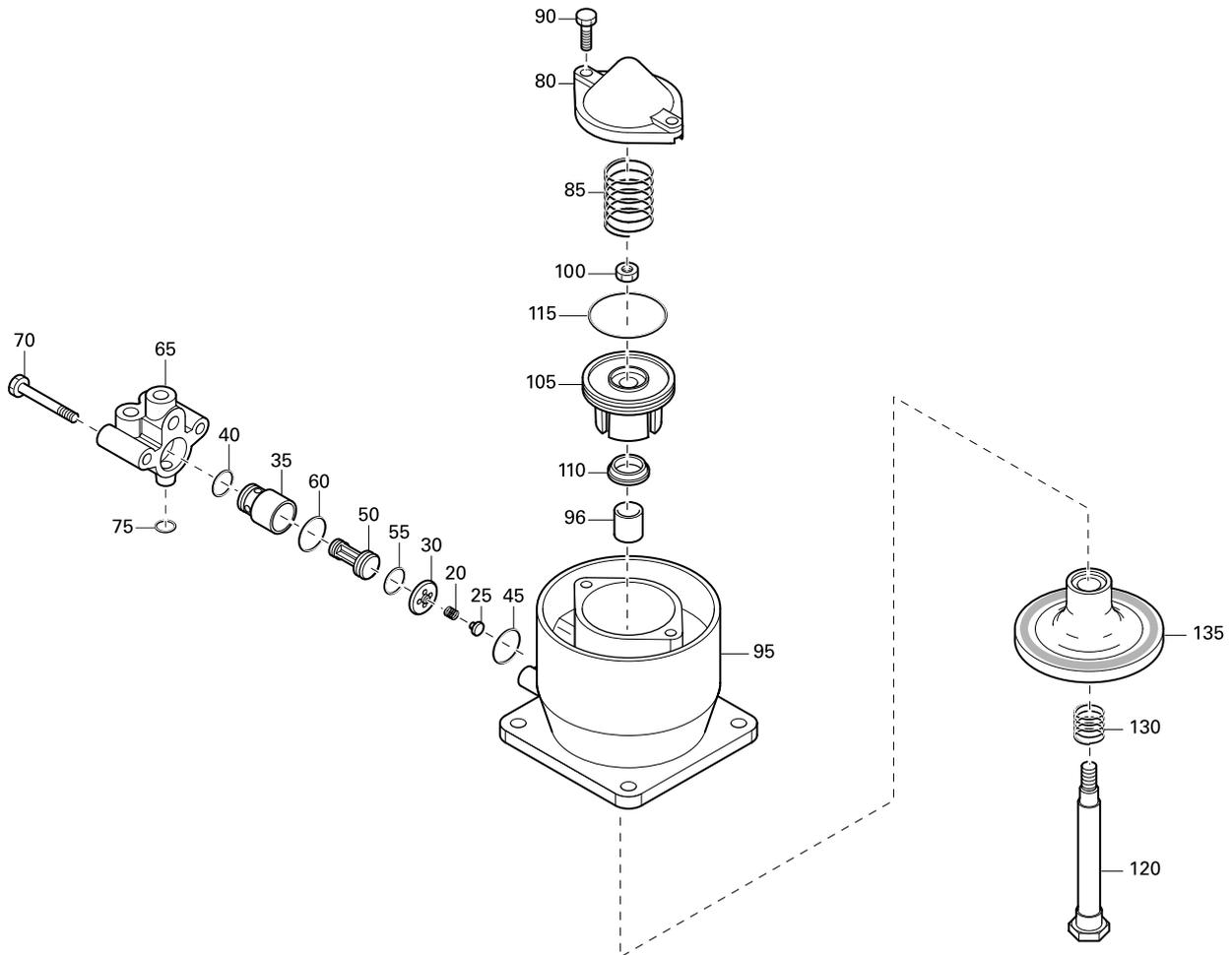


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1615 6195 81	EXPANSION TANK ASSY Item of list page 115	1				
• 20	1615 6195 01	EXPANSION TANK	1				
• 25	1615 6650 00	RADIATOR CAP	1				
• 30	1615 6651 00	ADAPTOR	1				
• 35	1615 6652 00	GROMMET	1				

UNLOADING VALVE  
 ONTLASTVENTIEL  
 SOUPAPE DE DÉCHARGE  
 ENTLASTUNGSVENTIL  
 VÁLVULA DE DESCARGA  
 AVLASTNINGSVENTIL

## XAS36 YdG

VALVOLA DI MESSA A VUOTO  
 AVLASTINGSVENTIL  
 AFLASTNINGSVENTIL  
 ΒΑΛΒΙΔΑ ΕΚΦΟΡΤΩΣΗΣ  
 VÁLVULA DE ALÍVIO  
 KEVENNYSVENTILLI

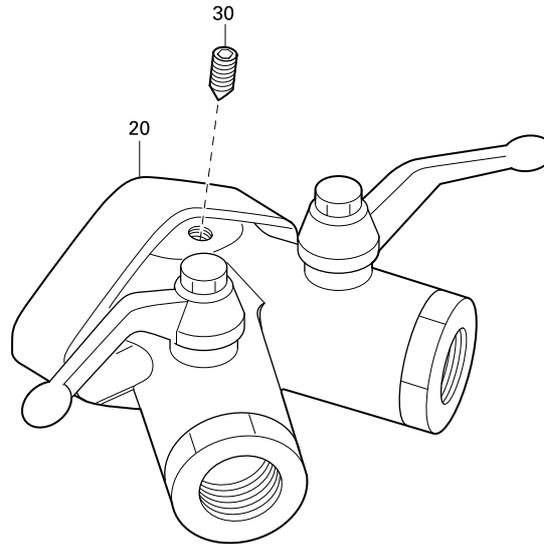


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1615 7667 82	UNLOADING VALVE Item of list page 117	1				
• 20	-	SPRING	1				
• 25	-	VALVE	1				
• 30	1615 8346 00	RETAINER	1				
• 35	1615 8345 01	BUSHING	1				
• 40	-	O-RING	1				
• 45	-	O-RING	1				
• 50	1615 7673 00	VALVE	1				
• 55	-	O-RING	1				
• 60	-	O-RING	1				
• 65	1615 8344 01	HOUSING	1				
• 70	0147 1252 12	HEX .HEAD SCREW	2				
• 75	-	O-RING	1				
• 80	1615 7667 00	COVER	1				
• 85	1615 7672 01	SPRING	1				
• 90	0147 1251 12	HEX .HEAD SCREW	2				
• 95	1615 7668 02	HOUSING	1				
• 96	0500 4510 21	PLAIN BEARING	1				
• 100	0291 1110 00	LOCKNUT	1				
• 105	1615 8755 00	PISTON	1				
• 110	-	WIPER	1				
• 115	-	PISTON SEAL	1				
• 120	1615 8757 00	PISTON ROD	1				
• 130	-	SPRING	1				
• 135	-	VALVE	1				

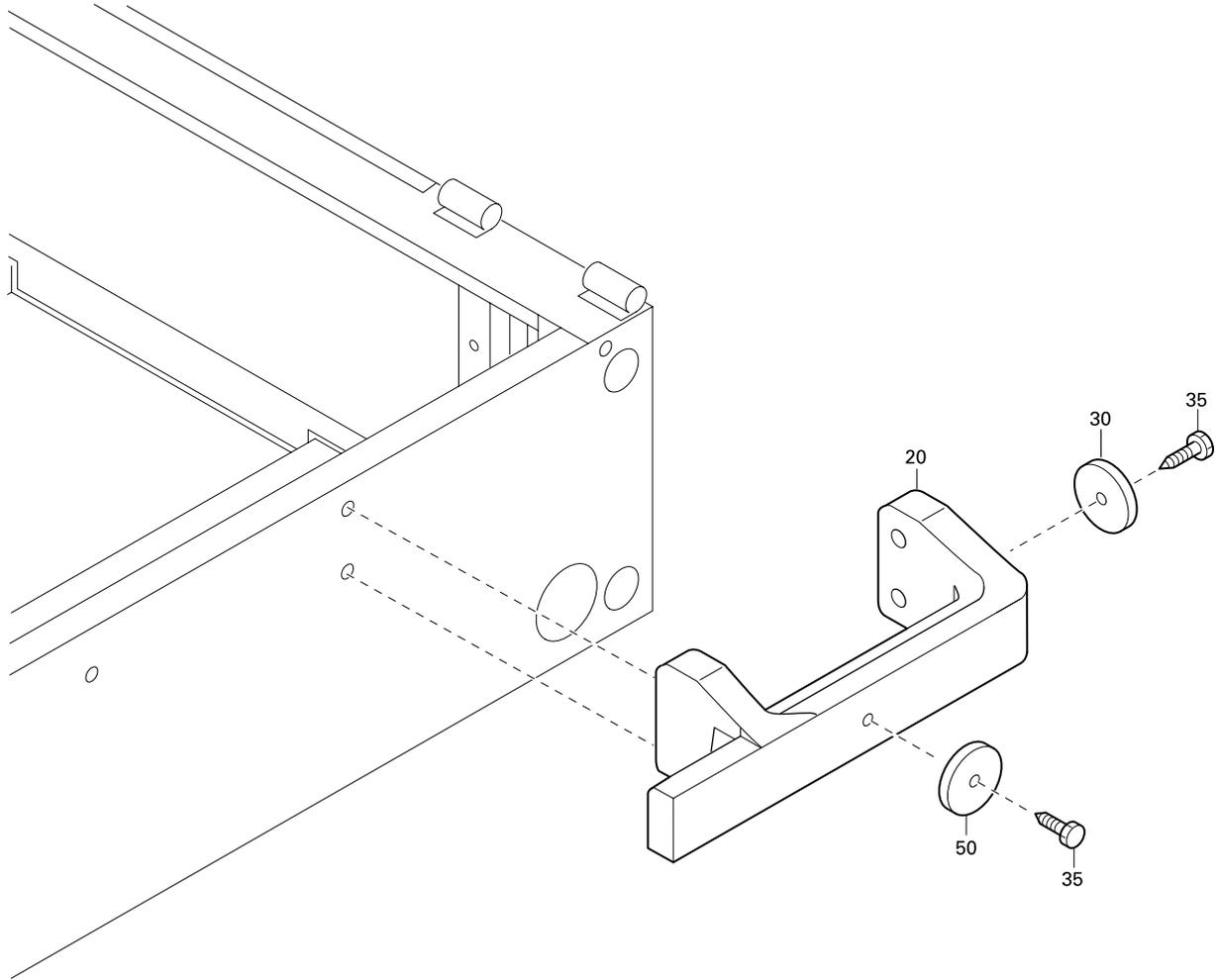
TWIN BALL VALVE  
KLEP MET DUBBELE KOGEL  
VANNE A DOUBLE BILLE  
DOPPELKUGELVENTIL  
VÁLVULA DOBLE ESFÉRICA  
DUBBELKULVENTIL

## XAS36 YdG

VALVOLA A DOPPIA SFERA  
DOBDEL KULEVENTIL  
DOBBELT KUGLEVENTIL  
ΔΙΠΛΗ ΕΝΣΦΑΙΡΗ ΒΑΛΒΙΔΑ  
VÁLVULA DE BOLA GÉMEA  
KAKSOISKUULAVENTTIILI



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1615 7702 81	TWIN BALL VALVE Item of list page 122	1				
• 20	1615 7702 01	VALVE HOUSING	1				
• 30	0194 1169 00	SET SCREW	1				

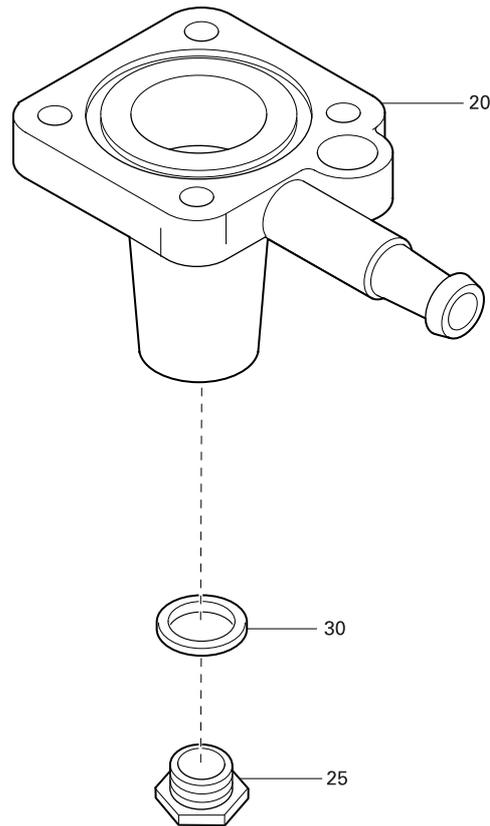


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1615 7738 80	PROTECTION ASSY Item of list page 133	1				
• 20	1615 7738 00	PROTECTION	1				
• 30	1615 7740 00	REFLECTOR	1				
• 35	0226 3343 17	TAPPING SCREW	2				
• 50	1615 5520 00	REFLECTOR	1				

FLANGE ASSY  
FLENSSAMENSTELLING  
BRIDE  
FLANSCH, KOMPL.  
JUNTA DE BRIDA  
FLÄNSSATS

## XAS36 YdG

GRUPPO FLANGIA  
FLENSSETT  
FLANGEANORDNING  
ΦΛΑΝΤΖΑ ΠΛΗΡΗΣ  
ASSY DE REBORDO  
LAIPPASARJA

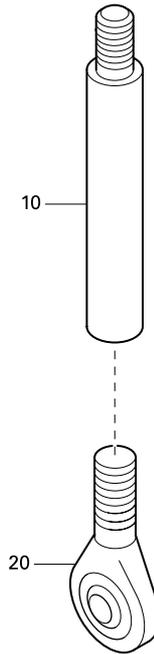


REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1615 7768 80	FLANGE ASSY Item of list page 119	1				
• 20	1615 7768 02	FLANGE	1				
• 25	0686 3716 01	HEXAGON PLUG	1				
• 30	-	FLAT GASKET	1				

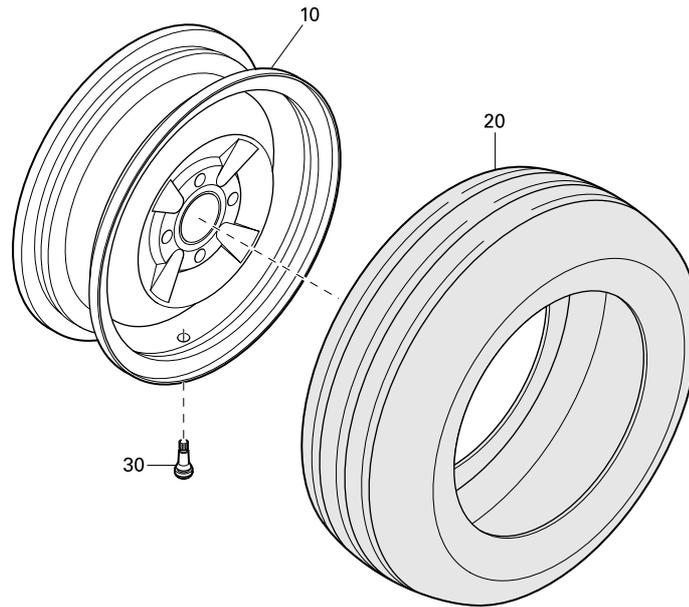
PISTON  
ZUIGER  
PISTON  
KOLBEN  
PISTÓN  
KOLV

## XAS36 YdG

PISTONE  
STEMPEL  
STEMPEL  
EMBOLO, ΠΙΣΤΟΝΙ  
ÊMBOLO  
MÄNTÄ



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1615 8756 80	PISTON Item of list page 93	1				
• 10	1615 8756 01	PISTON ROD	1				
• 20	1615 9770 00	EYE BOLT WITH BEARING	1				



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1615 9242 80	TYRE ASSY 155/80R13 Item of list page 131	2				
• 10	1619 6219 00	DISK WHEEL	1				
• 20	0538 0400 20	TYRE	1				
• 30	1615 6322 00	VENTIL	1				
• 50	1615 9242 00	TYRE ASSY	1				





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**Instruction Manual and Parts List  
for Portable Compressors**

**XAS36 YdG**

