

**Parts List**  
**For Portable Generators**

**QAS 38 Yd**



# QAS 38 Yd

ATLAS COPCO - PORTABLE AIR DIVISION  
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A nem jóváhagyott alkatrészek használatából adódó sérülésekre és üzemzavarra nem terjed ki a garancia és a terméklelősség. A gyártó semminemű felelősséget nem vállal a gyártó írásos jóváhagyása nélkül végzett bármilyen módosításokból, kiegészítésekkel vagy átalakításokból adódó sérülésekért.

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A kézikönyv tartalma vagy annak egy részének engedély nélküli felhasználása vagy másolása tilos.

Ez vonatkozik különösen a védjegyekre, a típusjelölésekre, cikkszámokra és rajzokra.

## Záruka a obmedzenia zodpovednosti výrobcu

Používajte len schválené súčiastky.

Akákolvek škoda alebo porucha spôsobená použitím neschválených súčiastok nie je zahrnutá v záruke ani zodpovednosti výrobcu za škodu. Výrobca neprípúšťa žiadnu zodpovednosť za akékoľvek škody vzniknuté úpravou, pridaním alebo prerobením, ktoré boli vykonané bez predchádzajúceho písomného súhlasu výrobcu.

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Kasutage ainult valmistaja poolt aktsepteeritud varuosi.

Mis tahes vigastus või rike, mille on põhjustanud valmistaja poolt aktsepteerimata varuosa kasutamine, ei kuulu toote garantii või tootja vastutuse alla. Valmistaja ei aktsepteeri ühtegi riket, mis on tekkinud toote modifitseerimisest, lisandustest või ümberehitamisest, mida valmistaja ei ole kirjalikult heaks kiitnud.

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Používejte pouze takové součásti, které jsou schválené výrobcem zařízení. Jakékoliv poškození nebo závady způsobené použitím součástí, které nebyly schválené výrobcem zařízení, nejsou kryty zárukou, nebo odpovědností za výrobek.

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Uporabljajte samo odobrene dele.

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Gaminio neprižiima jokios atsakomybės dėl įalos, susijusios su modifikacija, papildymu ar perdirbimu, atliktu be raštiško gamintojo sutikimo.

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Viso pirma ši sąlyga taikoma prekiniams ženklams, modelių pavadinimams, dalių numeriams ir brėžiniams.

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# 1. SAFETY PRECAUTIONS FOR PORTABLE GENERATORS

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

## 1.1 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.

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.

## 1.2 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 Pressure and temperature gauges shall be checked regularly with regard to their accuracy. They shall be replaced whenever outside acceptable tolerances.
- 10 Safety devices shall be tested as described in the maintenance schedule of the instruction manual to determine that they are in good operating condition.
- 11 Mind the markings and information labels on the unit.
- 12 In the event the safety labels are damaged or destroyed, they must be replaced to ensure operator safety.
- 13 Keep the work area neat. Lack of order will increase the risk of accidents.
- 14 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.
- 15 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.
- 16a **Portable generators (with earthing pin):**  
Earth the generator as well as the load properly.
- 16b **Portable generators IT:**  
**Note:** This generator is built to supply a sheer alternating current IT network.  
Earth the load properly.

### 1.3 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:
  - 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.
- 12 Generators shall be stalled on an even, solid floor, in a clean location with sufficient ventilation. If the floor is not level or can vary in inclination, consult Atlas Copco.
- 13 The electrical connections shall correspond to local codes. The machines shall be earthed and protected against short circuits by fuses or circuit breakers.
- 14 Never connect the generator outlets to an installation which is also connected to a public mains.
- 15 Before connecting a load, switch off the corresponding circuit breaker, and check whether frequency, voltage, current and power factor comply with the ratings of the generator.

### 1.4 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 Never remove a filler cap of the cooling water system of a hot engine. Wait until the engine has sufficiently cooled down.
- 5 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.
- 6 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.
- 7 Periodically carry out maintenance works according to the maintenance schedule.
- 8 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.
- 9 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,                                                                                                                                                                                                   |
| 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.                               |
- 10 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.
- 11 Never operate the unit in surroundings where there is a possibility of taking in flammable or toxic fumes.
- 12 If the working process produces fumes, dust or vibration hazards, etc., take the necessary steps to eliminate the risk of personnel injury.

- 13 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.
- 14 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.
- 15 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.
- 16 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.
- 17 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.
- 18 Never operate the generator in excess of its limits as indicated in the technical specifications and avoid long no-load sequences.
- 19 Never operate the generator in a humid atmosphere. Excessive moisture causes worsening of the generator insulation.
- 20 Do not open electrical cabinets, cubicles or other equipment while voltage is supplied. If such cannot be avoided, e.g. for measurements, tests or adjustments, have the action carried out by a qualified electrician only, with appropriate tools, and ascertain that the required bodily protection against electrical hazards is applied.
- 21 Never touch the power terminals during operation of the machine.
- 22 Whenever an abnormal condition arises, e.g. excessive vibration, noise, odour, etc., switch the circuit breakers to OFF and stop the engine. Correct the faulty condition before restarting.
- 23 Check the electric cables regularly. Damaged cables and insufficient lightening of connections may cause electric shocks. Whenever damaged wires or dangerous conditions are observed, switch the circuit breakers to OFF and stop the engine. Replace the damaged wires or correct the dangerous condition before restarting. Make sure that all electric connections are securely tightened.
- 24 Avoid overloading the generator. The generator is provided with circuit breakers for overload protection. When a breaker has tripped, reduce the concerned load before restarting.
- 25 If the generator is used as stand-by for the mains supply, it must not be operated without control system which automatically disconnects the generator from the mains when the mains supply is restored.
- 26 Never remove the cover of the output terminals during operation. Before connecting or disconnecting wires, switch off the load and the circuit breakers, stop the machine and make sure that the machine cannot be started inadvertently or there is any residual voltage on the power circuit.
- 27 Running the generator at low load for long periods will reduce the lifetime of the engine.

### 1.5 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 Prior to stripping an engine or other machine or undertaking major overhaul on it, prevent all movable parts from rolling over or moving.
- 5 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.
- 6 Never use flammable solvents for cleaning (fire-risk).
- 7 Take safety precautions against toxic vapours of cleaning liquids.
- 8 Never use machine parts as a climbing aid.
- 9 Observe scrupulous cleanliness during maintenance and repair. Keep away dirt, cover the parts and exposed openings with a clean cloth, paper or tape.
- 10 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.
- 11 Support the towbar and the axle(s) securely if working underneath the unit or when removing a wheel. Do not rely on jacks.
- 12 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.
- 13 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.
- 14 Protect the engine, alternator, air intake filter, electrical and regulating components, etc., to prevent moisture ingress, e.g. when steam-cleaning.
- 15 When performing any operation involving heat, flames or sparks on a machine, the surrounding components shall first be screened with non-flammable material.
- 16 Never use a light source with open flame for inspecting the interior of a machine.
- 17 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.

- 18 Maintenance and repair work should be recorded in an operator's logbook for all machinery. Frequency and nature of repairs can reveal unsafe conditions.
- 19 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.
- 20 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.
- 21 Make sure that oil, solvents and other substances likely to pollute the environment are properly disposed of.
- 22 Before clearing the generator for use after maintenance or overhaul, submit it to a testrun, check that the AC power performance is correct and that the control and shutdown devices function correctly.

## 1.6 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.

## 1.7 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.

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# ORDERING SPARE PARTS

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## **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".

## **BESTELLEN VAN ONDERDELEN**

Vermeld steeds het onderdeelnummer, de benaming en het aantal van de gewenste stukken, evenals het type en het serienummer van de machine.

### **TOELICHTING BIJ DE KOLOMMEN**

#### **REF : REFERENTIECODE**

Legt het verband tussen een onderdeel uit de lijst en een onderdeel op de tekening. "—" betekent dat het onderdeel niet is getekend.

#### **PART NUMBER : ONDERDEELNUMMER**

Indien niet opgegeven is het onderdeel niet als wisselstuk beschikbaar. Onderdelen aangeduid met een stip maken deel uit van het geheel dat boven de betreffende onderdelen staat.

#### **DESIGNATION : BENAMING**

Meestal de benaming van het onderdeel. In het geval van standaard onderdelen worden naast de benaming een aantal karakteristieken opgegeven.

#### **QTY : AANTAL**

Geeft de hoeveelheid van het betreffende onderdeel weer. De aanduiding "AR" betekent "As Required" (zoals vereist).

## **COMMANDE DE PIÈCES DETACHEES**

Toujours indiquer le numéro de pièce, la désignation, la quantité désirée ainsi que le type et le numéro de série du groupe.

### **EXPLICATION DES INTITULES DES COLONNES**

#### **REF : CODE DE REFERENCE**

Réfère à la pièce détachée spécifiée dans la liste et sur l'illustration. "—" implique que la pièce n'est pas indiquée sur l'illustration.

#### **PART NUMBER : NUMERO DE PIECE DETACHEE**

Si le numéro n'est pas indiqué, la pièce n'est pas disponible en tant que pièce de rechange.

Les pièces indiquées par un point gras font partie de l'ensemble se trouvant au-dessus des pièces détachées correspondantes.

#### **DESIGNATION**

En général, le nom de la pièce. S'il s'agit de pièces standard, outre la désignation, un certain nombre de caractéristiques sont indiquées.

#### **QTY : QUANTITE**

Indique la quantité de la pièce détachée. "AR" indique "As required", c'est-à-dire la quantité à déterminer selon le cas.

## **BESTELLUNG VON ERSATZTEILEN**

Stets die Teilenummer, die Bezeichnung, und die Anzahl der gewünschten Teile sowie den Typ und die Seriennummer der Maschine angeben.

### **INFORMATION ZU DEN SPALTEN**

#### **REF : REFERENZCODE**

Stellt die Verbindung zwischen einem Teil in der Liste und einem Teil auf der Zeichnung her. "—" bedeutet, daß das Teil nicht in der Zeichnung dargestellt ist.

#### **PART NUMBER : TEILENUMMER**

Wenn keine Teilenummer angegeben ist, ist das Teil nicht als Ersatzteil erhältlich.

Mit einem Punkt markierte Teile gehören zu der Einheit, die über den jeweiligen Teilen aufgeführt ist.

#### **DESIGNATION : BEZEICHNUNG**

Meistens die Bezeichnung des Teils. Bei Standardteilen werden neben der Bezeichnung einige technische Daten angegeben.

#### **QTY : ANZAHL**

Gibt die Anzahl des betreffenden Teils an. Die Angabe "AR" steht für "As Required" (wie erforderlich).

## **PEDIDO DE PARTES**

Siempre comunicar el número de parte, la designación y la cantidad deseada así como el tipo y el número de serie de la máquina.

### **INFORMACIONES SOBRE LAS COLUMNAS**

#### **REF : CODIGO DE REFERENCIA**

Establece la conexión entre una parte en la lista y una parte en la ilustración.

"—" quiere decir que la parte no está ilustrada.

#### **PART NUMBER : NUMERO DE PARTE**

Si no se da ningún número, quiere decir que la parte no está disponible como parte de recambio.

Partes marcadas con un punto son partes del conjunto indicado más arriba.

#### **DESIGNATION : DESIGNACION**

Principalmente el nombre de la parte. En caso de partes estándares, el nombre es seguido por especificaciones.

#### **QTY : CANTIDAD**

Indica la cantidad de la parte correspondiente. La indicación "AR" significa "As Required" (como sea requerido).

## **BESTÄLLNING AV RESERVDELAR**

Ange alltid reservdelsnummer, benämning och kvantitet för varje önskad detalj samt maskinens typ och tillverkningsnummer.

### **TÖRKLARING AV SPALTER**

#### **REF : REFERENSNUMMER**

Identifierar motsvarande detaljer i listan och illustrationen. "—" betyder att detaljen inte visas i illustrationen.

#### **PART NUMBER : RESERVDELSNUMMER**

Om inget reservdelsnummer anges, kan detaljen inte erhållas som reservdel. Detaljer som anges med en punkt ingår i den monteringsatts som listas ovanför dessa.

#### **DESIGNATION : BENÄMNING**

Detta är vanligen namnet på detaljen. För standarddetaljer anges förutom namnet ett antal specifikationer.

#### **QTY : KVANTITET**

Anger den ifrågavarande detaljens kvantitet. "AR" (As Required) betyder enligt behov.

# ORDERING SPARE PARTS

## **ORDINAZIONE DI PARTI DI RICAMBIO**

Menzionare sempre il numero della parte, la denominazione e il numero de pezzi desiderati, nonché il tipo e il numero di serie della macchina.

### **SPIEGAZIONE DELLE COLONNE**

#### **REF : CODICE DI RIFERIMENTO**

Stabilisce il nesso tra un pezzo nell'elenco e un pezzo nell'illustrazione. "-" significa che il pezzo non è presente nell'illustrazione.

#### **PART NUMBER : NUMERO DELLA PARTE**

Nel caso non sia fornito il numero di parte, il pezzo non può essere ordinato come parte di ricambio.

Il componenti indicati con un puntino fanno parte del gruppo elencato immediatamente sopra di essi.

#### **DESIGNATION : DENOMINAZIONE**

Generalmente si tratta della denominazione della parte. Per i pezzi standard oltre alla denominazione sono fornite alcune caratteristiche.

#### **QTY : QUANTITA'**

Indica la quantità dei pezzi in questione. "AR" significa "As Required" (Come richiesto).

## **ΠΑΡΑΓΓΕΛΙΑ ΑΝΤΑΛΛΑΚΤΙΚΩΝ**

Πάντοτε σημειώνετε τον κωδικό, τον προσδιορισμό και την ποσότητα των απαιτούμενων ανταλλακτικών, καθώς επίσης τον τύπο και τον αύξοντα κωδικό αριθμό παραγωγής του μηχανήματος.

### **ΕΞΗΓΗΣΗ ΤΩΝ ΣΤΗΛΩΝ**

#### **REF : ΚΩΔΙΚΟΣ ΑΝΑΦΟΡΑΣ**

Παρουσιάζει τη σχέση μεταξύ ενός εξαρτήματος στη λίστα και ενός εξαρτήματος στη φωτογραφία. Το "-" σημαίνει ότι το εξάρτημα δεν εμφανίζεται στη φωτογραφία.

#### **PART NUMBER : ΚΩΔΙΚΟΣ ΑΡΙΘΜΟΣ**

Αν δεν δίνεται κάποιος κωδικός αριθμός, τότε το εξάρτημα δεν μπορεί να ληφθεί ως ανταλλακτικό.

Τα εξαρτήματα που έχουν μαρκαρισθεί με μία τελεία είναι τμήματα του συγκροτήματος που παρουσιάζεται ακριβώς πάνω από αυτά.

#### **DESIGNATION : ΠΡΟΣΔΙΟΡΙΣΜΟΣ**

Συνήθως αυτό είναι το όνομα του εξαρτήματος. Για τα βασικά εξαρτήματα, επιπροσθέτα στην ονομασία, δίνεται και ένας αριθμός χαρακτηριστικών.

#### **QTY : ΠΟΣΟΤΗΤΑ**

Δηλώνει την ποσότητα του υπόψη εξαρτήματος. "AR" σημαίνει "Ός απαιτείται". Για τα βασικά εξαρτήματα, η ποσότητα δίνεται στη φωτογραφία παρά στη λίστα.

## **BESTÄLLNING AV RESERVDELAR**

Ange alltid reservdelsnummer, benämning och kvantitet för varje önskad detalj samt maskinens typ och tillverkningsnummer.

### **TÖRKLARING AV SPALTER**

#### **REF : REFERENSNUMMER**

Identifierar motsvarande detaljer i listan och illustrationen. "-" betyder att detaljen inte visas i illustrationen.

#### **PART NUMBER : RESERVDELNUMMER**

Om inget reservdelsnummer anges, kan detaljen inte erhållas som reservdel. Detaljer som anges med en punkt ingår i den monteringsatts som listas ovanför dessa.

#### **DESIGNATION : BENÄMNING**

Detta är vanligen namnet på detaljen. För standarddetaljer anges förutom namnet ett antal specifikationer.

#### **QTY : KVANTITET**

Anger den ifrågavarande detaljens kvantitet. "AR" (As Required) betyder enligt behov.

## **ONCOMENDAS DE PEÇAS**

Refira sempre o número da peça, a designação e a quantidade das peças que pretende encomendar, assim como o tipo e o número de série do aparelho.

### **EXPLICAÇÃO DAS COLUNAS**

#### **REF : CÓDIGO DE REFERÊNCIA**

Estabeleça a ligação entre a peça na lista e a peça no desenho. "-" significa que a peça não vem no desenho.

#### **PART NUMBER : NÚMERO DA PEÇA**

Se não vier referido o número da peça, a peça não pode ser adquirida como peça sobressalente.

As peças marcadas com pontos são peças de um conjunto listado acima dessa peça.

#### **DESIGNATION : DESIGNAÇÃO**

Geralmente é o nome da peça. Para peças normalizadas, além do nome da peça, vem também referido um número.

#### **QTY : QUANTIDADE**

Indica a quantidade da peça em questão. "AR" (As Required) quer dizer "Como solicitado".

## **BESTILLING AV RESERVEDELER**

Oppgi alltid delenummer, betegnelse og antall på de delene du trenger, samt maskintype og serienummer.

### **FORKLARING TIL SPALTENE**

#### **REF: REFERANSEKODE**

Viser hvor en del i listen er vist på illustrasjonen. "-" betyr at delen ikke er vist på illustrasjonen.

#### **DELENUMMER**

Hvis delenummer ikke er oppgitt, kan delen ikke bestilles som reservedel. Deler merket med en prikk er del av enheten som er oppgitt like ovenfor de aktuelle delene.

#### **BETEGNELSE**

Dette er vanligvis delens navn. Ved standarddeler blir enkelte karakteristika oppgitt i tillegg til navnet.

#### **QTY: ANTALL**

Oppgir antallet av den aktuelle delen. "EB" betyr "Etter behov".

## **VARAOSIEN TILAAMINEN**

Tilauksessa tulee aina mainita osanumero, nimike ja määrä sekä kompressorin tyyppi ja sarjanumero.

### **SARAKKEIDEN SELITYKSET**

#### **REF: VIITE: VIITEKODI**

Viitekoodi yhdistää luettelossa mainitun osan kuvassa olevaan. "-" tarkoittaa, että osaa ei ole merkitty kuvaan.

#### **PART NUMBER: OSANUMERO**

Ellei osanumeroa ole mainittu, osaa ei ole saatavana varaosana. Pisteellä merkityt osat kuuluvat niiden edellä mainittuun asennelmaan.

#### **DESIGNATION: NIMIKE**

Nimikkeenä käytetään tavallisesti osan nimeä. Vakio-osien ollessa kyseessä mainitaan nimen lisäksi osan joitakin ominaisuuksia.

#### **QTY: MÄÄRÄ**

Tarkoittaa kyseisten osien lukumäärää. "AR" tarkoittaa "tarpeen mukaan".

## ZAMAWIANIE CZĘŚCI ZAMIENNYCH

Należy zawsze podawać numery, nazwy i ilości potrzebnych części, a także typ i numer seryjny maszyny.

## WYJAŚNIENIE PRZEZNACZENIA KOLUMN

**REF: KOD REFERENCYJNY**

Kojarzy część na liście z częścią na ilustracji.  
Symbol “—” oznacza, że część nie jest przedstawiona na ilustracji.

**PART NUMBER (NUMER CZĘŚCI)**

Brak numeru oznacza, że dana część nie jest dostępna jako część zamienna.

Części oznaczone kropką należą do zespołu wymienionego bezpośrednio nad nimi.

**DESIGNATION (NAZWA)**

Zwykle jest to nazwa części. W przypadku części standardowych oprócz nazwy podano szereg właściwości.

**QTY (IL.): ILOŚĆ**

Ilość części danego rodzaju. “AR” (“OP”) oznacza “odpowiednio do potrzeb”.

Заказ запасных частей

Необходимо всегда указывать номер детали, наименование и количество заказываемых запчастей, а также тип и серийный номер устройства.

Расшифровка столбцов

ИЛЛ. : код сноски

Показывает ссылку детали в списке на ее соответствующую иллюстрацию.

“—” означает, что к данной детали нет иллюстраций.

НОМЕР ДЕТАЛИ

Отсутствие номера детали означает, что данная деталь как запчасть не поставляется.

Детали, помеченные точкой, являются частями сборного механизма, который указан над этими деталями.

НАИМЕНОВАНИЕ

Обычно, название детали. К стандартным деталям, кроме названия, могут быть даны некоторые их характеристики.

КОЛ-ВО: Количество

Показывает количество деталей. «По тр.» означает «по требованию».

## OBJEDNÁVÁNÍ NÁHRADNÍCH DÍLŮ

V objednávce vždy uveďte číslo dílu, jeho označení a požadované množství. Rovněž tak udejte typ a výrobní číslo zařízení.

## VYSVĚTLIVKY K JEDNOTLIVÝM SLOUPCŮM

**REF : REFERENČNÍ KÓD**

Udává spojitost mezi dílem v seznamu a dílem na obrázku.  
“—” znamená, že díl není na obrázku uveden.

**ČÍSLO DÍLU**

Pokud není číslo dílu uvedeno, nelze tuto součást objednat jako náhradní díl.  
Díly označené tečkami jsou součástí konstrukčního celku, který je uveden přímo nad nimi.

**OZNAČENÍ**

Ve sloupci označení bývá obvykle uveden název dílu. U standardních součástí je vedle názvu uváděna též řada dalších charakteristik.

**POČET : MNOŽSTVÍ**

Označuje množství uvedených dílů. Zkratka “PP” znamená “Podle požadavku”.

## PÓTALKAKTRÉSZ-RENDELÉS

Mindig jelezze a szükséges alkatrész számát, megnevezését és mennyiségét, valamint a gép típusát és sorozatszámát.

## AZ OSZLOPOK MAGYARÁZATA

**REF: REFERENCIAKÓD**

Ez teremt kapcsolatot a listán szereplő alkatrész és az ábrán látható alkatrész között.

“—”: azt jelenti, hogy az adott alkatrész nem szerepel az ábrán.

**ALKATRÉSZ-SZÁM**

Ha nincsen megadva alkatrész-szám, akkor az adott alkatrész nem rendelhető meg pótalkatrészként.

A ponttal jelölt alkatrészek a közvetlenül fölöttük felsorolt szerelvénység részét képezik.

**MEGNEVEZÉS**

Rendszerint ez az alkatrész neve. Az alapfelszereltséghez tartozó alkatrészek esetében a név mellett néhány jellemző adat is szerepel.

**QTY: MENNYISÉG**

Az adott alkatrész mennyiségét jelzi. “SZ” jelentése “Szükség szerint”

## 订购备件

请务必提供所需部件的部件号、名称和数量，以及设备型号和序列号。

## 表格各列说明

**REF: 参考代码**

确立列表内部件与插图内部件间的联系。  
“—”表示插图内未显示此部件。

**部件号**

如果未给出部件号，则表明无法通过备件方式购买此部件。  
标有圆点的部件是其上一行所列配件的一部分。

**名称**

通常为部件的名称。对于标准件，除了名称外，还会列出它的一些特性。

**QTY: 数量**

表明可供部件的数量。“AR”代表“根据需要”

## OBJEDNÁVANIE NÁHRADNÝCH SÚČASTOK

Uvádzajte vždy číslo súčiastky, označenie a množstvo požadovaných súčiastok, ako aj typ a výrobné číslo stroja.

## VYSVETLENIE STĺPCOV

**REF : REFERENČNÝ KÓD**

Stanovuje spojitost medzi súčiastkou v zozname a súčiastkou na obrázku.  
“—” znamená, že súčiastka nie je zobrazená na obrázku.

**ČÍSLO SÚČIASTKY**

Ak nie je uvedené žiadne číslo súčiastky, táto súčiastka nie je k dispozícii ako náhradná.  
Súčiastky označené bodkou sú časťou zostavy uvedenej hneď nad nimi.

**OZNAČENIE**

Obyčajne je to názov súčiastky. U normalizovaných súčiastok sa okrem názvu uvádza aj niekoľko charakteristík

**QTY : MNOŽSTVO**

Označuje množstvo danej súčiastky. “AR” je skratka pre “Podľa potreby”.

## ORDERING SPARE PARTS

### NAROČEVANJE NADOMESTNIH DELOV

Zmeraj navedite številko nadomestnega dela, označbo in količino potrebnih delov ter tip in serijsko številko stroja.

#### RAZLAGA STOLPCEV

**REF : REFERENČNA ŠIFRA**

Predstavlja povezavo med delom na seznamu in delom na ilustraciji. "–" predstavlja del, ki ni prikazan na ilustraciji.

**ŠTEVILKA DELA**

Če številka dela ni podana potem je ne morete dobiti kot nadomestni del. Deli označeni s piko so sestavni del montaže, navedene nad njimi.

**OZNAČBA**

Običajno je to ime nadomestnega dela. Pri standardnih delih je poleg imena podano še število značilnosti.

**QTY : KOLIČINA**

Označuje količino nadomestnih delov. "AR" pomeni "kot je bilo zahtevano".

### ATSARGINIŲ DALIŲ UŽSAKYMAS

Visuomet nurodykite dalies numerą, pavadinimą ir reikiamą dalių kieką, taip pat ir mašinos tipą bei serijinį numerą.

#### STULPELIŲ PAAIKINIMAI

**NRD.: NUORODOS KODAS**

Susieja sąrašą nurodytą dalį su jos atvaizdu iliustracijoje. "–" reiškia, jog dalis iliustracijoje nepavaizduota.

**DALIES NUMERIS**

Jeigu numerio nenurodyta, detalės negalima įsigyti kaip atsarginės dalies. Tačią papymėtos dalys yra prieš jas sąrašą nurodyto mazgo sudėtinė dalis.

**PAVADINIMAS**

Paprastai tai dalies pavadinimas. Standartinėms dalims kartu su pavadinimu nurodomos ir kelios charakteristikos.

**KIEK.: KIEKIS**

Nurodo susijusių dalių kieką. "AR" reiškia "As required" (pagal poreikį).

### VARUOSADE TELIMINE

Alati viidake osa numbrile, tāhisele ja vajalikule osade kogusele, samuti masina tūibile ja seerianumbrile.

#### SELGITUS VEERGUDE KOHTA

**REF : VIITENUMBER**

Loob seose nimekirjas toodud osa ja illustratsioonil esitatud osa vahel. "–" tähendab, et illustratsioonil ei ole seda osa kujutatud.

**OSA NUMBER**

Kui osa numbrit ei ole toodud, pole seda osa võimalik varuosana soetada. Punktiga tähistatud osad on nende kohal toodud koostu osaks.

**TĀHIS**

Tavaliselt on see osa nimetus. Standardosadel on lisaks nimetusele toodud ka tunnusnumber.

**QTY : KOGUS**

Osutab vastava osa kogusele. "AR" tähendab vajadusel ("As Required").

### REZERVES DAĪU PASŪTĪĀNA

Vienmēr miniet daļas numuru, apzīmējumu un nepieciešamo detaļu daudzumu, kā arī mašīnas tipu un sērijas numuru.

#### AIŅU IZSKAIDROJUMS

**REF : ATSAUKSMES KODS**

Izveido saikni starp detaļu sarakstā un detaļu uz attēla. "–" nozīmē, ka detaļa nav attēlota ilustrācijā.

**DETAĪAS NUMURS**

Ja detaļas numurs nav minēts, tad detaļu nevar iegūt kā rezerves daļu. Ar punktu apzīmētās detaļas ir mezgla sastāvdaļas, kurās ir attēlots tieši virs tām.

**APZĪMĒJUMS**

Parasti tas ir detaļas nosaukums. Standarta detaļām, papildus nosaukumam, tiek minēta virkne raksturojumu \ specifikāciju.

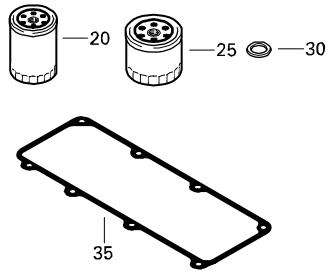
**QTY : DAUDZUMS**

Norāda domātās detaļas daudzumu. "AR" nozīmē "As Required" – "kā nepieciešams".

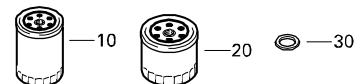


# SERVICE PAK

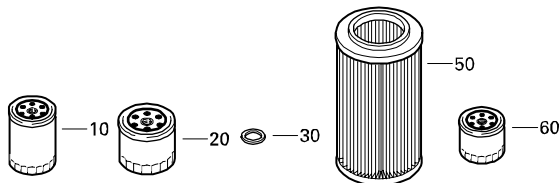
## INITIAL 50H



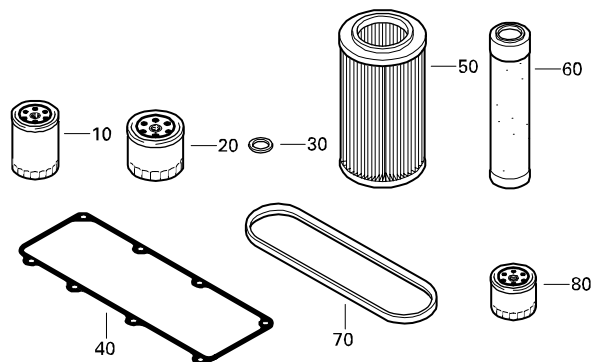
## 250H



## 500H

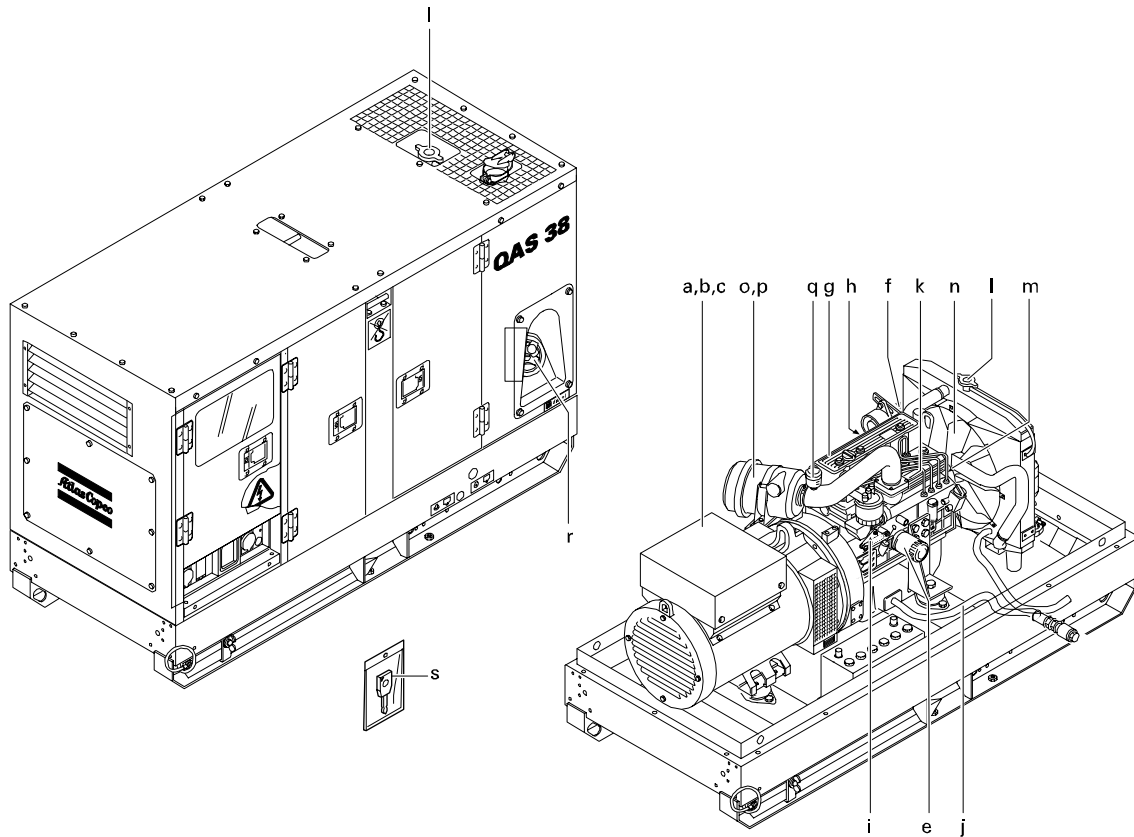


## YEARLY 2000H



| REF | PART NUMBER  | DESIGNATION         | QTY | REF | PART NUMBER  | DESIGNATION         | QTY |
|-----|--------------|---------------------|-----|-----|--------------|---------------------|-----|
| -   | WITH UNIT    | SERVICE PAK 50H     |     | -   | 2912 4278 06 | SERVICE PAK 500H    |     |
| •20 | -            | OIL FILTER          | 1   | •10 | -            | OIL FILTER          | 1   |
| •25 | -            | FUEL FILTER         | 1   | •20 | -            | FUEL FILTER         | 1   |
| •30 | -            | SEALING WASHER      | 1   | •30 | -            | SEALING WASHER      | 1   |
| •35 | -            | GASKET ROCKER COVER | 1   | •50 | -            | AIR FILTER          | 1   |
|     |              |                     |     | •60 | -            | FUEL FILTER         | 1   |
| -   | 2912 4277 05 | SERVICE PAK 250H    |     | -   | 2912 4280 07 | SERVICE PAK 2000H   |     |
| •10 | -            | OIL FILTER          | 1   | •10 | -            | OIL FILTER          | 1   |
| •20 | -            | FUEL FILTER         | 1   | •20 | -            | FUEL FILTER         | 1   |
| •30 | -            | SEALING WASHER      | 1   | •30 | -            | SEALING WASHER      | 1   |
|     |              |                     |     | •40 | -            | GASKET ROCKER COVER | 1   |
|     |              |                     |     | •50 | -            | AIR FILTER          | 1   |
|     |              |                     |     | •60 | -            | SAFETY CARTRIDGE    | 1   |
|     |              |                     |     | •70 | -            | V-BELT 4TNE98       | 1   |
|     |              |                     |     | •80 | -            | FUEL FILTER         | 1   |

# SERVICE PARTS



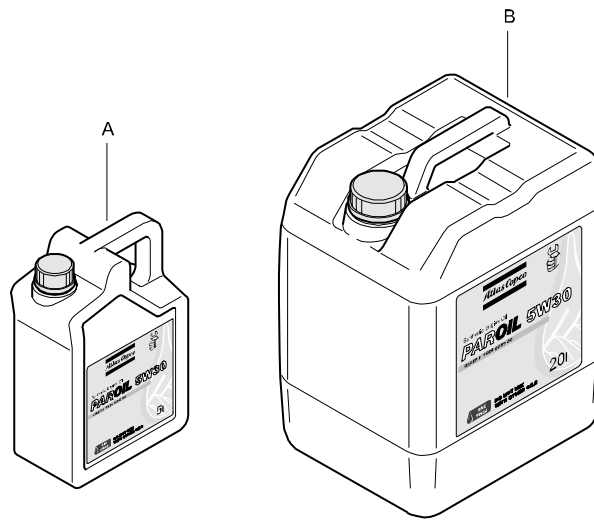
| REF        | PART NUMBER  | DESIGNATION                 | QTY | REF    | PART NUMBER  | DESIGNATION    | QTY |
|------------|--------------|-----------------------------|-----|--------|--------------|----------------|-----|
| ALTERNATOR |              |                             |     | OTHERS |              |                |     |
| •a         | 2914 9000 00 | REGULATOR                   |     | •r     | 2914 9500 00 | KEY (FUEL CAP) |     |
| •b         | 1089 9037 04 | FUSE                        |     | •s     | 2914 9501 00 | KEY (CONTACT)  |     |
| •c         | 2914 9003 00 | ROTATING DIODE BRIDGE       |     |        |              |                |     |
| ENGINE     |              |                             |     |        |              |                |     |
| •e         | 2914 9201 00 | OIL FILTER                  |     |        |              |                |     |
| •f         | 2914 9203 00 | FUEL FILTER                 |     |        |              |                |     |
| •g         | 2914 9212 00 | GASKET ROCKER COVER         |     |        |              |                |     |
| •h         | 2914 9204 00 | TEMPERATURE SWITCH          |     |        |              |                |     |
| •i         | 2914 9205 00 | OIL PRESSURE SWITCH         |     |        |              |                |     |
| •j         | 2914 9220 00 | FUEL STOP SOLENOID          |     |        |              |                |     |
| •k         | 2914 9221 00 | PRE HEAT PLUG               |     |        |              |                |     |
| •l         | 2914 9206 00 | RADIATOR FILLING CAP        |     |        |              |                |     |
| •m         | 2914 9215 00 | V-BELT                      |     |        |              |                |     |
| •n         | 2914 9217 00 | FAN                         |     |        |              |                |     |
| AIR FILTER |              |                             |     |        |              |                |     |
| •o         | 2914 9302 00 | AIR FILTER ELEMENT          |     |        |              |                |     |
| •p         | 2914 9303 00 | AIR FILTER SAFETY CARTRIDGE |     |        |              |                |     |
| •q         | 1619 3188 00 | AIR FILTER DUST VALVE       |     |        |              |                |     |

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## ENGINE OIL

PAROIL 5W30

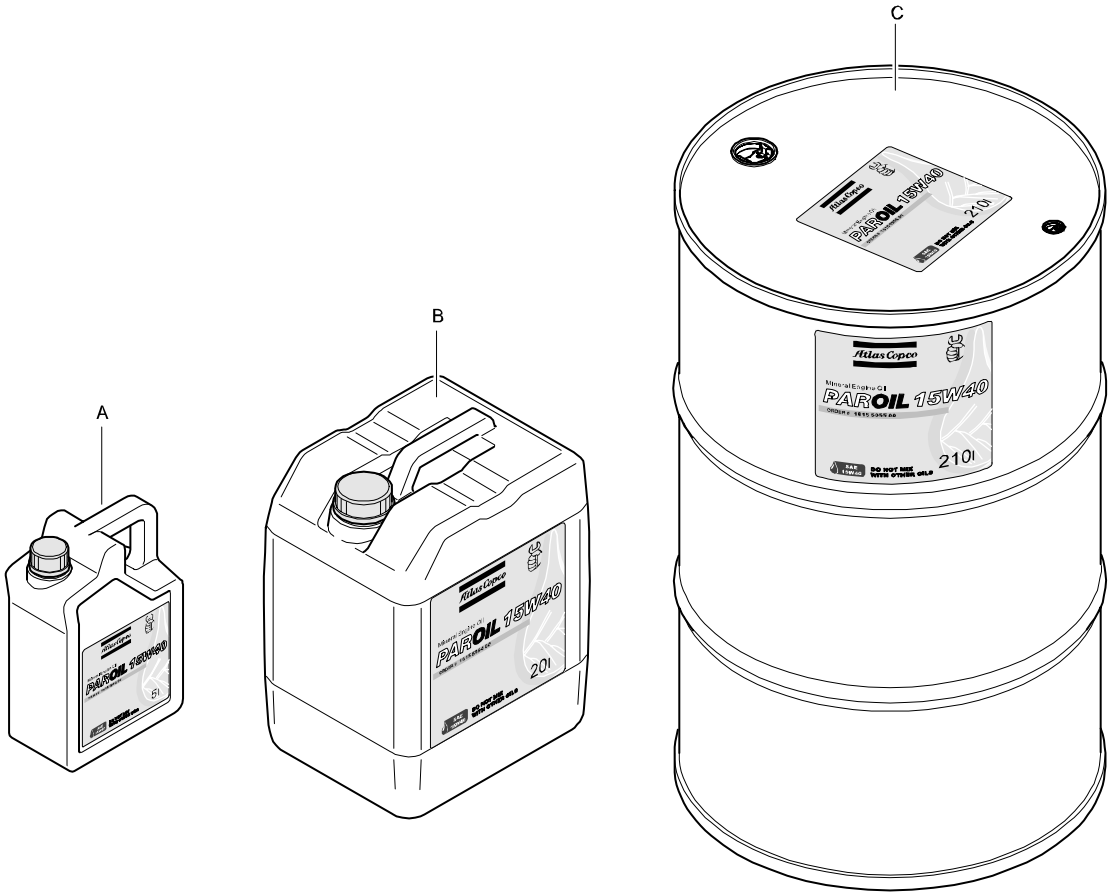
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| REF | PART NUMBER  | DESIGNATION              | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------|-----|-----|-------------|-------------|-----|
| A   | 1604 6060 00 | PAROIL 5W30 5 LITER CAN  | 1   |     |             |             |     |
| B   | 1604 6059 00 | PAROIL 5W30 20 LITER CAN | 1   |     |             |             |     |

ENGINE OIL

PAROIL 15W40

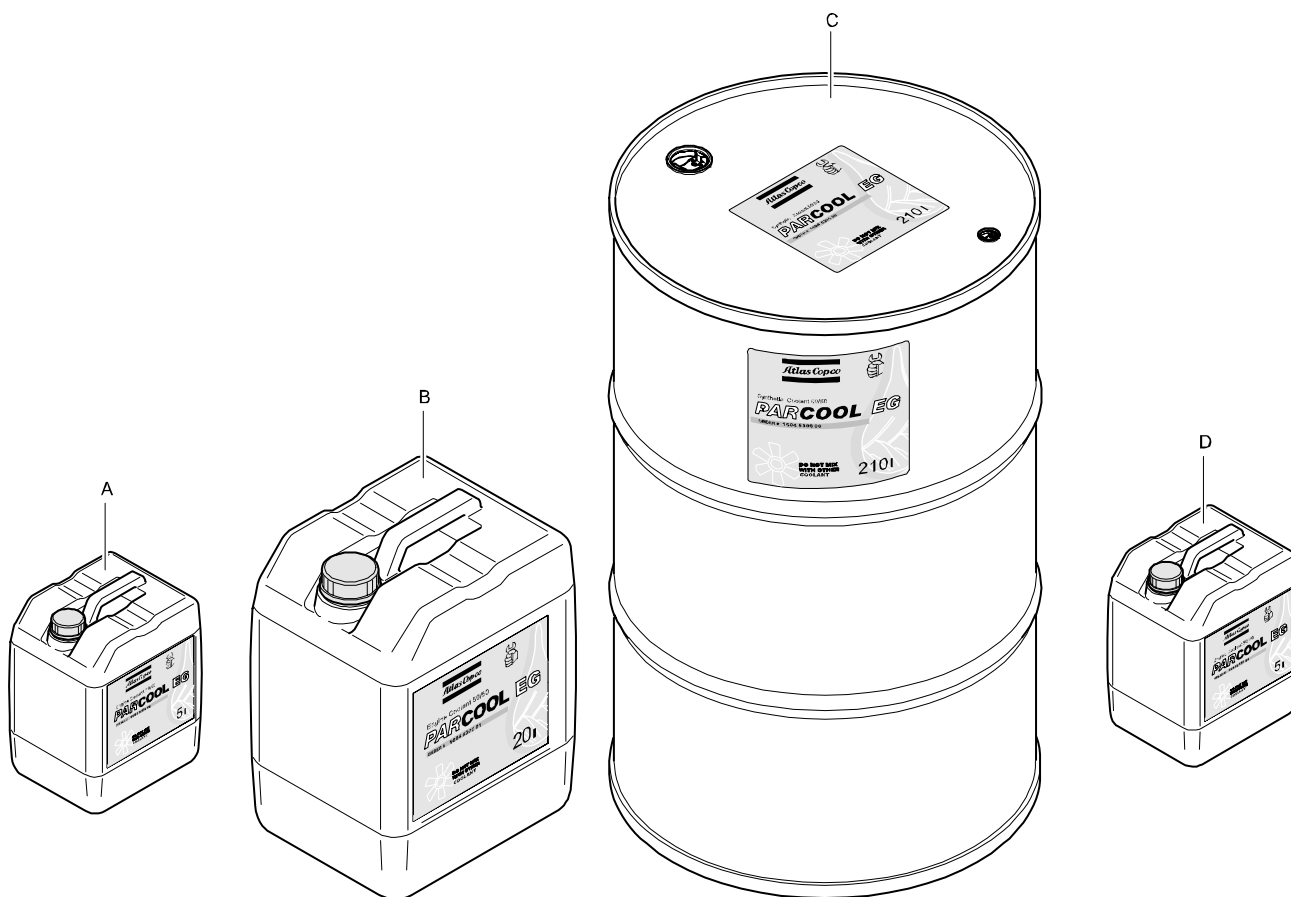


| REF | PART NUMBER  | DESIGNATION                   | QTY |
|-----|--------------|-------------------------------|-----|
| A   | 1615 5953 00 | PAROIL 15W40 5 LITER CAN      | 1   |
| B   | 1615 5954 00 | PAROIL 15W40 20 LITER CAN     | 1   |
| C   | 1615 5955 00 | PAROIL 15W40 210 LITER BARREL | 1   |

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

# ENGINE COOLANT

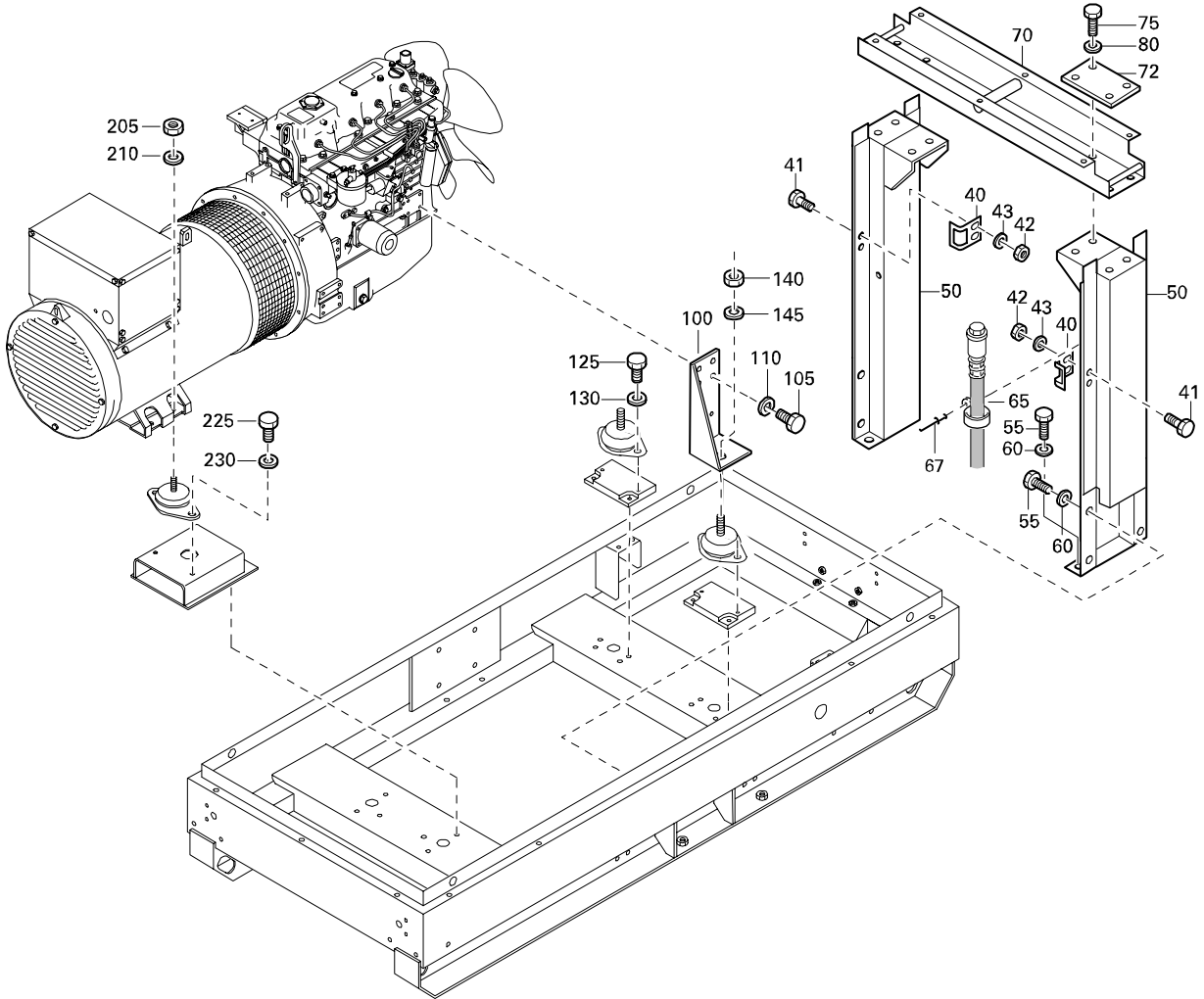
## PARCOOL EG



| REF | PART NUMBER  | DESIGNATION                           | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|---------------------------------------|-----|-----|-------------|-------------|-----|
| A   | 1604 5308 00 | PARCOOL EG 5 LITER CAN                | 1   |     |             |             |     |
| B   | 1604 5307 01 | PARCOOL EG 20 LITER CAN               | 1   |     |             |             |     |
| C   | 1604 5306 00 | PARCOOL EG 210 LITER BARREL           | 1   |     |             |             |     |
| D   | 1604 8159 00 | PARCOOL EG CONCENTRATE<br>5 LITER CAN | 1   |     |             |             |     |

# STANDARD

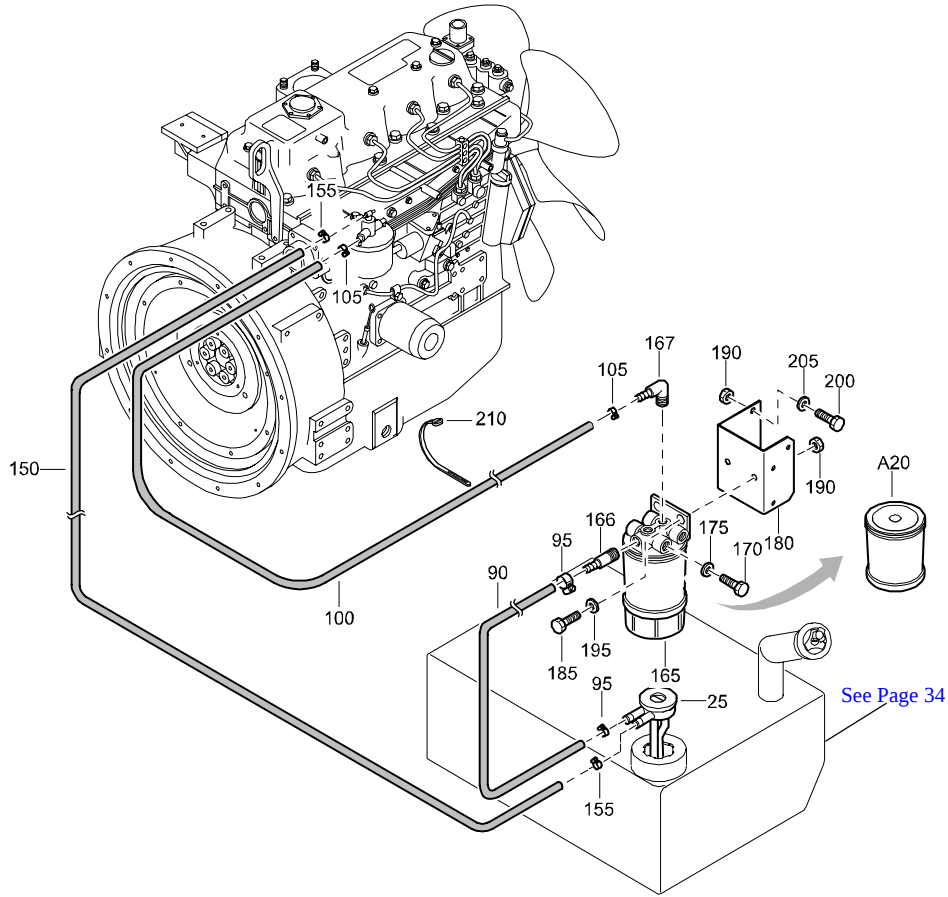
## FRAME AND MOUNTS



| REF | PART NUMBER  | DESIGNATION     | QTY | REF | PART NUMBER  | DESIGNATION     | QTY |
|-----|--------------|-----------------|-----|-----|--------------|-----------------|-----|
| 40  | 1615 8572 00 | HOOK            | 4   | 205 | 0291 1128 39 | LOCKNUT         | 2   |
| 41  | 0216 1324 03 | HEX SOCK. SCREW | 8   | 210 | 0300 0274 93 | PLAIN WASHER    | 2   |
| 42  | 0266 2110 00 | HEXAGON NUT     | 8   | 225 | 0147 1323 15 | HEX. HEAD SCREW | 4   |
| 43  | 0333 3227 00 | LOCK WASHER     | 8   | 230 | 0301 2335 00 | PLAIN WASHER    | 4   |
| 50  | 1615 6974 07 | LIFTING SUPPORT | 2   |     |              |                 |     |
| 55  | 0147 1400 03 | HEX. HEAD SCREW | 12  |     |              |                 |     |
| 60  | 0301 2358 00 | PLAIN WASHER    | 12  |     |              |                 |     |
| 65  | 1079 3461 02 | HOSE CLIP       | 1   |     |              |                 |     |
| 67  | 0129 3108 00 | BLIND RIVET     | 1   |     |              |                 |     |
| 70  | 1615 6975 00 | BEAM            | 1   |     |              |                 |     |
| 72  | 1615 8609 00 | PLATE           | 2   |     |              |                 |     |
| 75  | 0147 1402 03 | HEX. HEAD SCREW | 8   |     |              |                 |     |
| 80  | 0301 2358 00 | PLAIN WASHER    | 8   |     |              |                 |     |
| 100 | 1615 9427 01 | ENGINE SUPPORT  | 2   |     |              |                 |     |
| 105 | 0147 1360 03 | HEX. HEAD SCREW | 8   |     |              |                 |     |
| 110 | 0301 2344 00 | PLAIN WASHER    | 8   |     |              |                 |     |
| 125 | 0147 1323 15 | HEX. HEAD SCREW | 4   |     |              |                 |     |
| 130 | 0301 2335 00 | PLAIN WASHER    | 4   |     |              |                 |     |
| 140 | 0291 1128 39 | LOCKNUT         | 2   |     |              |                 |     |
| 145 | 0300 0274 93 | PLAIN WASHER    | 2   |     |              |                 |     |

# STANDARD

## FUEL SYSTEM

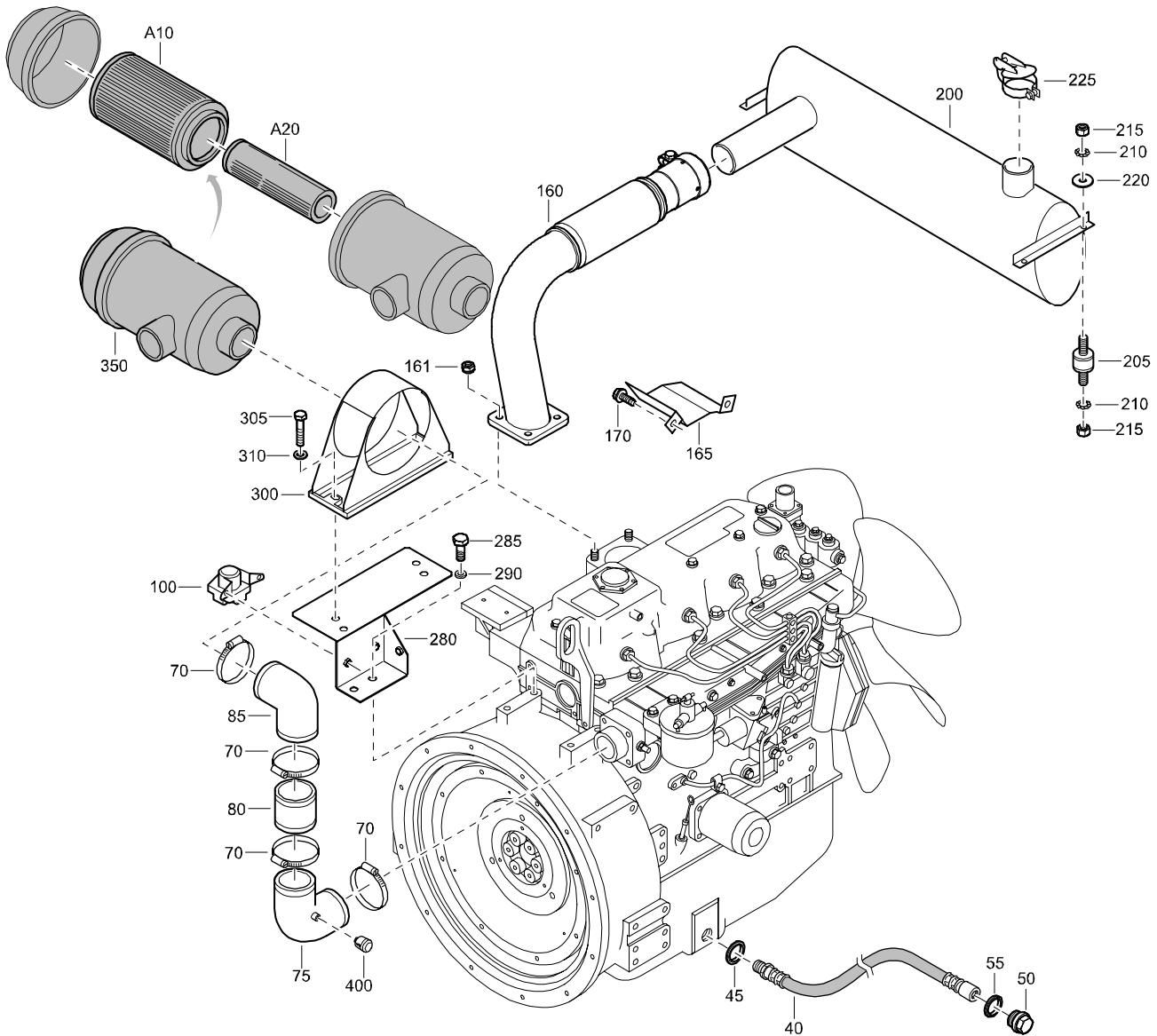


See Page 34

| REF  | PART NUMBER  | DESIGNATION          | QTY | REF | PART NUMBER  | DESIGNATION  | QTY |
|------|--------------|----------------------|-----|-----|--------------|--------------|-----|
| 25   | 1615 6948 01 | LEVEL GAUGE + O-RING | 1   | 205 | 0301 2321 00 | PLAIN WASHER | 2   |
| 90   | 0075 4005 55 | FUEL HOSE            | AR  | 206 | 0333 3220 00 | LOCK WASHER  | 2   |
| 95   | 0347 6102 00 | HOSE CLAMP           | 2   | 207 | 0266 2108 00 | HEXAGON NUT  | 2   |
| 100  | 0075 4005 55 | FUEL HOSE            | AR  | 210 | 0348 0101 21 | CABLE TIE    | 8   |
| 105  | 0347 6102 00 | HOSE CLAMP           | 2   |     |              |              |     |
| 106  | 0075 4005 55 | FUEL HOSE            | AR  |     |              |              |     |
| 107  | 0347 6102 00 | HOSE CLAMP           | 2   |     |              |              |     |
| 150  | 0075 4005 55 | FUEL HOSE            | AR  |     |              |              |     |
| 155  | 0347 6102 00 | HOSE CLAMP           | 2   |     |              |              |     |
| 165  | 1615 8929 00 | FUEL FILTER          | 1   |     |              |              |     |
| •A20 | 2914 8092 00 | FILTER ELEMENT       | 1   |     |              |              |     |
| 166  | 1615 8934 00 | HOSE NIPPLE          | 1   |     |              |              |     |
| 167  | 1615 8933 00 | HOSE NIPPLE          | 1   |     |              |              |     |
| 170  | 0147 1325 03 | HEX. HEAD SCREW      | 2   |     |              |              |     |
| 175  | 0301 2335 00 | PLAIN WASHER         | 2   |     |              |              |     |
| 180  | 1604 6403 01 | BRACKET              | 1   |     |              |              |     |
| 185  | 0216 1957 57 | HEX SOCK. SCREW      | 2   |     |              |              |     |
| 190  | 0266 2110 00 | HEXAGON NUT          | 4   |     |              |              |     |
| 195  | 0333 3227 00 | LOCK WASHER          | 2   |     |              |              |     |
| 200  | 0147 1244 03 | HEX. HEAD SCREW      | 2   |     |              |              |     |

# STANDARD

## ENGINE AND ACCESSORIES



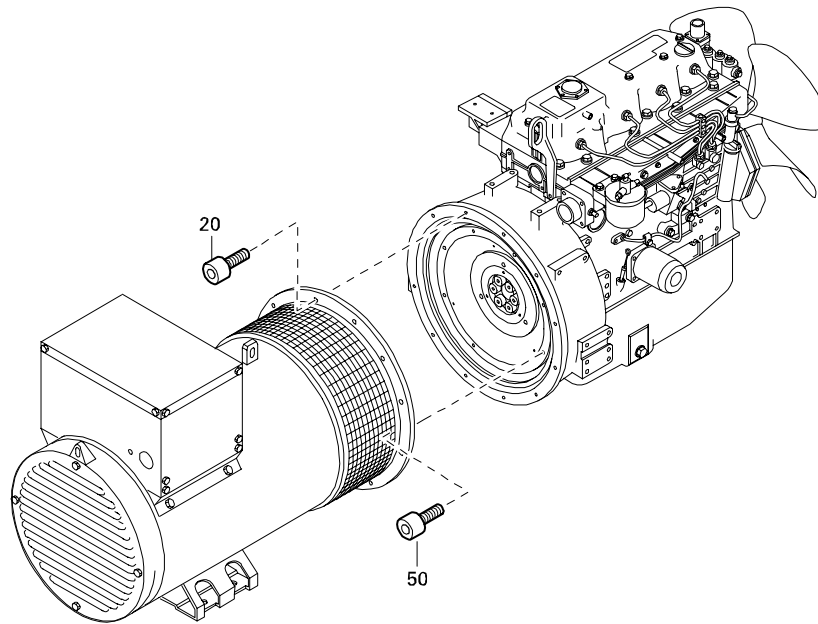
| REF | PART NUMBER  | DESIGNATION    | QTY | REF  | PART NUMBER  | DESIGNATION      | QTY |
|-----|--------------|----------------|-----|------|--------------|------------------|-----|
| 40  | 1615 6949 00 | HOSE ASSEMBLY  | 1   | 285  | 0147 1360 03 | HEX. HEAD SCREW  | 2   |
| 45  | 0661 1035 00 | SEALING WASHER | 1   | 290  | 1088 0019 02 | CONTACT WASHER   | 2   |
| 50  | 0686 3716 02 | HEXAGON PLUG   | 1   | 300  | 1615 6958 00 | SUPPORT          | 1   |
| 55  | 0661 1033 00 | SEALING WASHER | 1   | 305  | 0147 1328 03 | HEX. HEAD SCREW  | 2   |
| 70  | 0347 6114 00 | HOSE CLAMP     | 4   | 310  | 0301 2335 00 | PLAIN WASHER     | 2   |
| 75  | 1604 5012 00 | ELBOW          | 1   | 350  | 1615 6959 01 | AIRFILTER        | 1   |
| 80  | 1604 6319 00 | PIPE           | 1   | •A10 | 2914 9302 00 | AIR FILTER       | 1   |
| 85  | 1604 6336 00 | ELBOW          | 1   | •A20 | 2914 9303 00 | SAFETY CARTRIDGE | 1   |
| 100 | 1615 7303 00 | RELAY          | 2   | 400  | 1613 7912 03 | INDICATOR        | 1   |
| 160 | 1604 6326 01 | PIPE           | 1   |      |              |                  |     |
| 161 | 0291 1185 04 | LOCKNUT        | 4   |      |              |                  |     |
| 165 | 1604 6327 00 | PLATE          | 1   |      |              |                  |     |
| 170 | 1619 2766 00 | HEX. HEAD SREW | 2   |      |              |                  |     |
| 200 | 1615 8695 03 | MUFFLER        | 1   |      |              |                  |     |
| 205 | 1615 6954 00 | RUBBER BUFFER  | 4   |      |              |                  |     |
| 210 | 0333 3227 00 | LOCK WASHER    | 8   |      |              |                  |     |
| 215 | 0266 2110 00 | HEXAGON NUT    | 8   |      |              |                  |     |
| 220 | 0300 8019 00 | PLAIN WASHER   | 4   |      |              |                  |     |
| 225 | 1615 6955 00 | EXHAUST COVER  | 1   |      |              |                  |     |
| 280 | 1615 9513 02 | SUPPORT        | 1   |      |              |                  |     |

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# STANDARD

## COUPLING

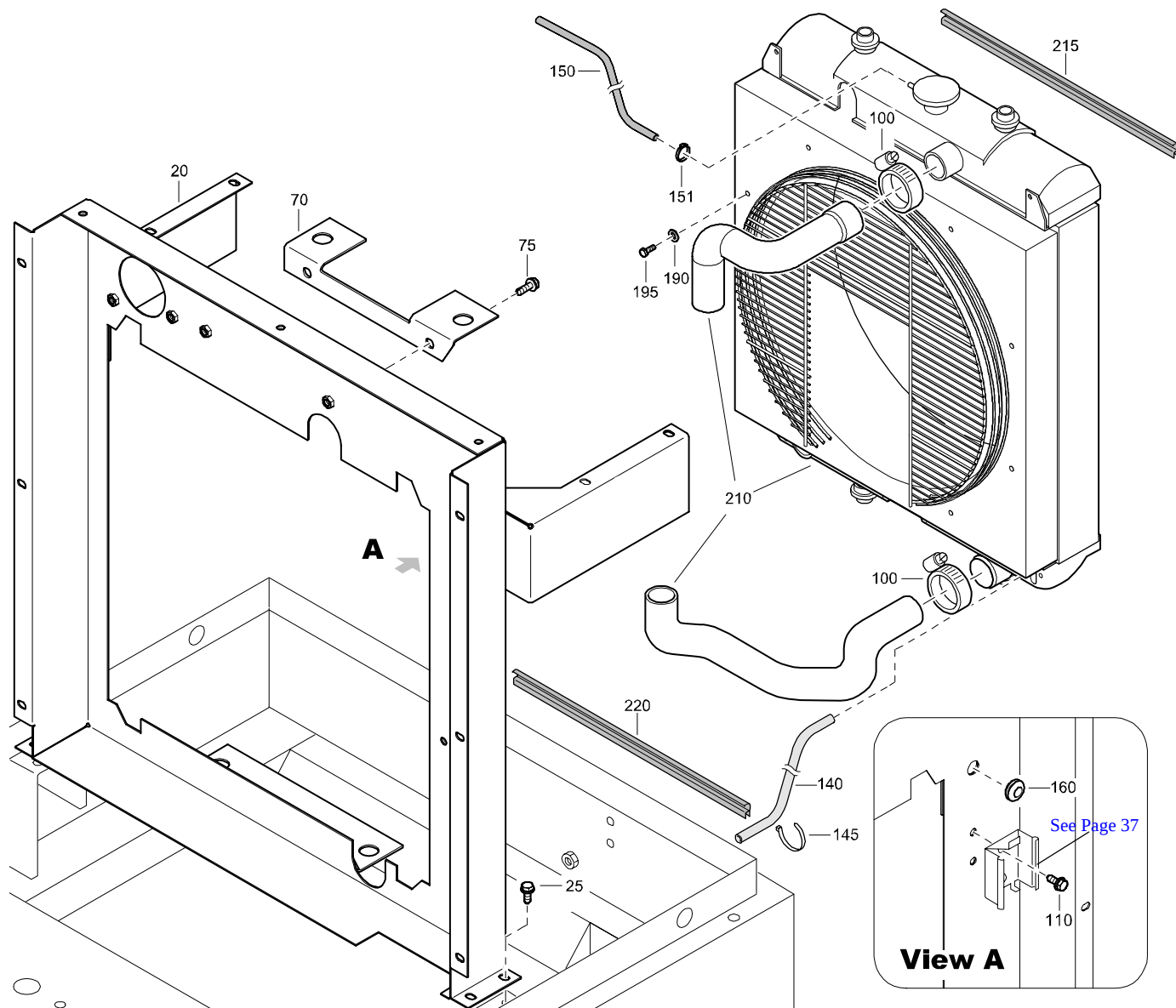
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| REF | PART NUMBER  | DESIGNATION     | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|-----------------|-----|-----|-------------|-------------|-----|
| 20  | 0211 1360 03 | HEX SOCK. SCREW | 12  |     |             |             |     |
| 50  | 0211 1360 03 | HEX SOCK. SCREW | 8   |     |             |             |     |

# STANDARD

## COOLER



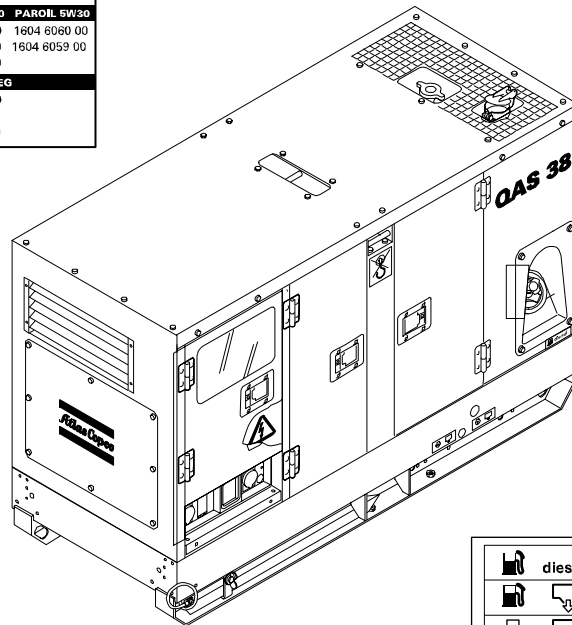
| REF | PART NUMBER  | DESIGNATION               | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|---------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1604 6325 01 | PLATE                     | 1   |     |             |             |     |
| 25  | 1619 2766 00 | HEX. HEAD SREW            | 10  |     |             |             |     |
| 70  | 1604 6330 01 | PLATE                     | 1   |     |             |             |     |
| 75  | 1615 5664 00 | HEX. HEAD SCREW           | 2   |     |             |             |     |
| 100 | 0347 6113 00 | HOSE CLAMP                | 4   |     |             |             |     |
| 110 | 1619 2766 00 | HEX. HEAD SREW            | 2   |     |             |             |     |
| 140 | 0099 9910 29 | PLASTIC TUBE              | AR  |     |             |             |     |
| 145 | 1088 1301 02 | CABLE STRIP               | 1   |     |             |             |     |
| 150 | 0072 8402 48 | HOSE                      | AR  |     |             |             |     |
| 151 | 0347 6103 00 | HOSE CLAMP                | 2   |     |             |             |     |
| 160 | 1088 0801 23 | GROMMET                   | 1   |     |             |             |     |
| 190 | 0300 0274 32 | PLAIN WASHER              | 8   |     |             |             |     |
| 195 | 0147 1246 03 | HEX. HEAD SCREW           | 8   |     |             |             |     |
| 210 | 1604 6340 00 | RADIATOR                  | 1   |     |             |             |     |
|     |              | (For details see page 37) |     |     |             |             |     |
| 215 | 1202 5211 00 | SEAL                      | AR  |     |             |             |     |
| 220 | 1202 5211 00 | SEAL                      | AR  |     |             |             |     |

# STANDARD

## MARKINGS

| Atlas Copco QAS 38 YD               |                      |              |  |
|-------------------------------------|----------------------|--------------|--|
| SERVICE PAK                         |                      |              |  |
|                                     | Every 250 h          | 2912 4277 05 |  |
|                                     | Every 500 h          | 2912 4278 06 |  |
|                                     | Yearly (max. 2000 h) | 2912 4280 07 |  |
| Engine oil PAROIL 15W40 PAROIL 5W30 |                      |              |  |
| 5 l (1.3 US gal)                    | 1615 5953 00         | 1604 6060 00 |  |
| 20 l (5 US gal)                     | 1615 5954 00         | 1604 6059 00 |  |
| 210 l (55 US gal)                   | 1615 5955 00         |              |  |
| Engine coolant PARCOOL EG           |                      |              |  |
| 5 l (1.3 US gal)                    | 1604 5308 00         |              |  |
| 20 l (5 US gal)                     | 1604 5307 01         |              |  |
| 210 l (55 US gal)                   | 1604 5306 00         |              |  |

70



200

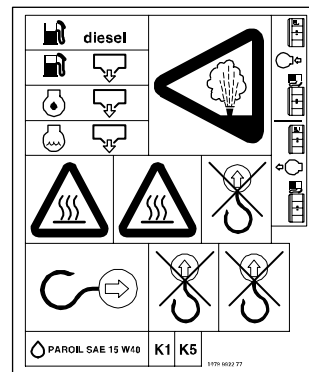
100



101



55

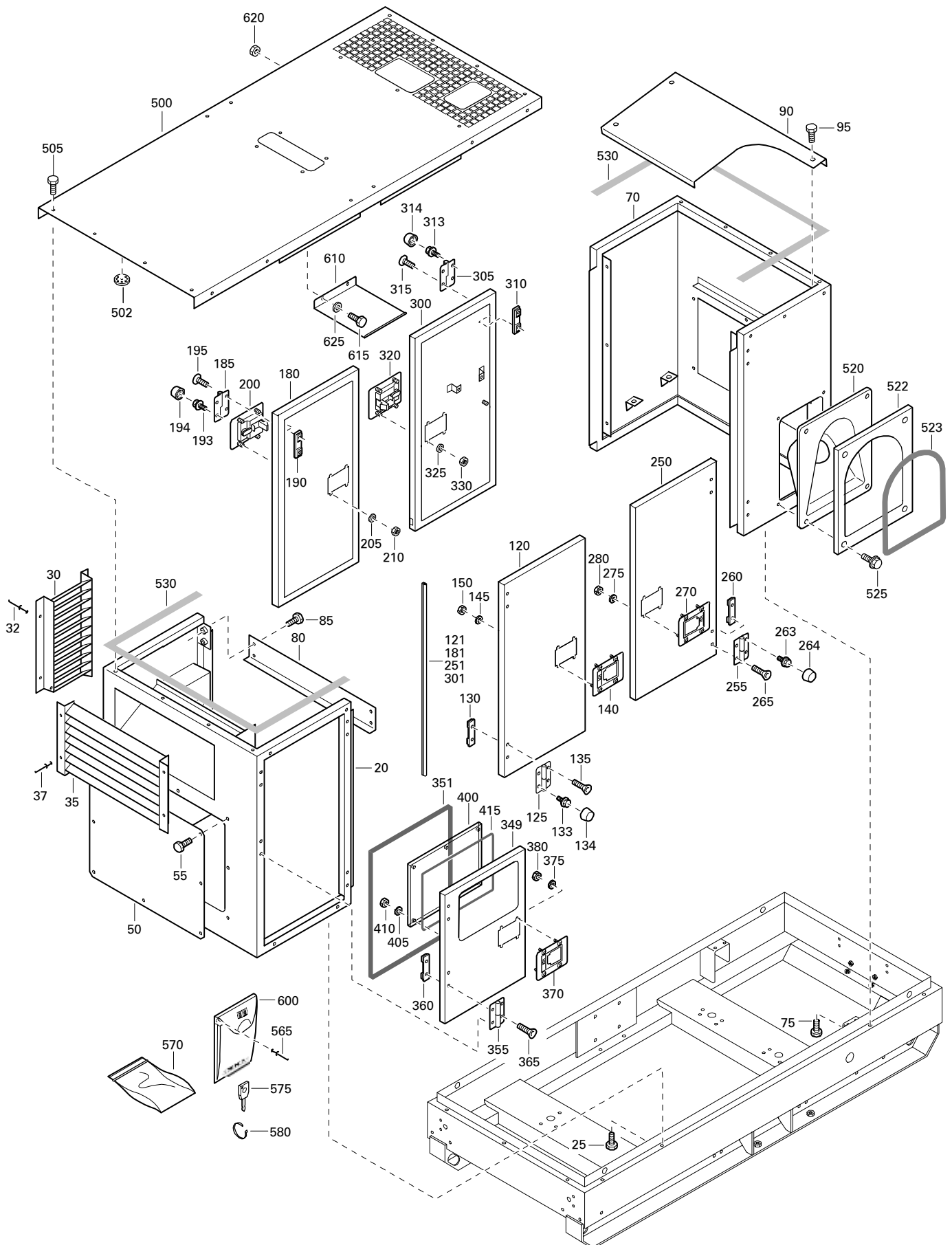


35

| REF | PART NUMBER  | DESIGNATION                              | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|------------------------------------------|-----|-----|-------------|-------------|-----|
| 35  | 1079 9922 77 | WARNING LABEL                            | 1   |     |             |             |     |
| 55  | 1079 9905 41 | INSTRUCTION LABEL                        | 1   |     |             |             |     |
| 70  | 1079 9922 25 | INFORMATION LABEL                        | 1   |     |             |             |     |
| 100 | -            | DATA PLATE<br>(Not available separately) | 1   |     |             |             |     |
| 101 | 0129 3270 34 | BLIND RIVET                              | 4   |     |             |             |     |
| 200 | 1079 9903 61 | LABEL                                    | 1   |     |             |             |     |

# STANDARD

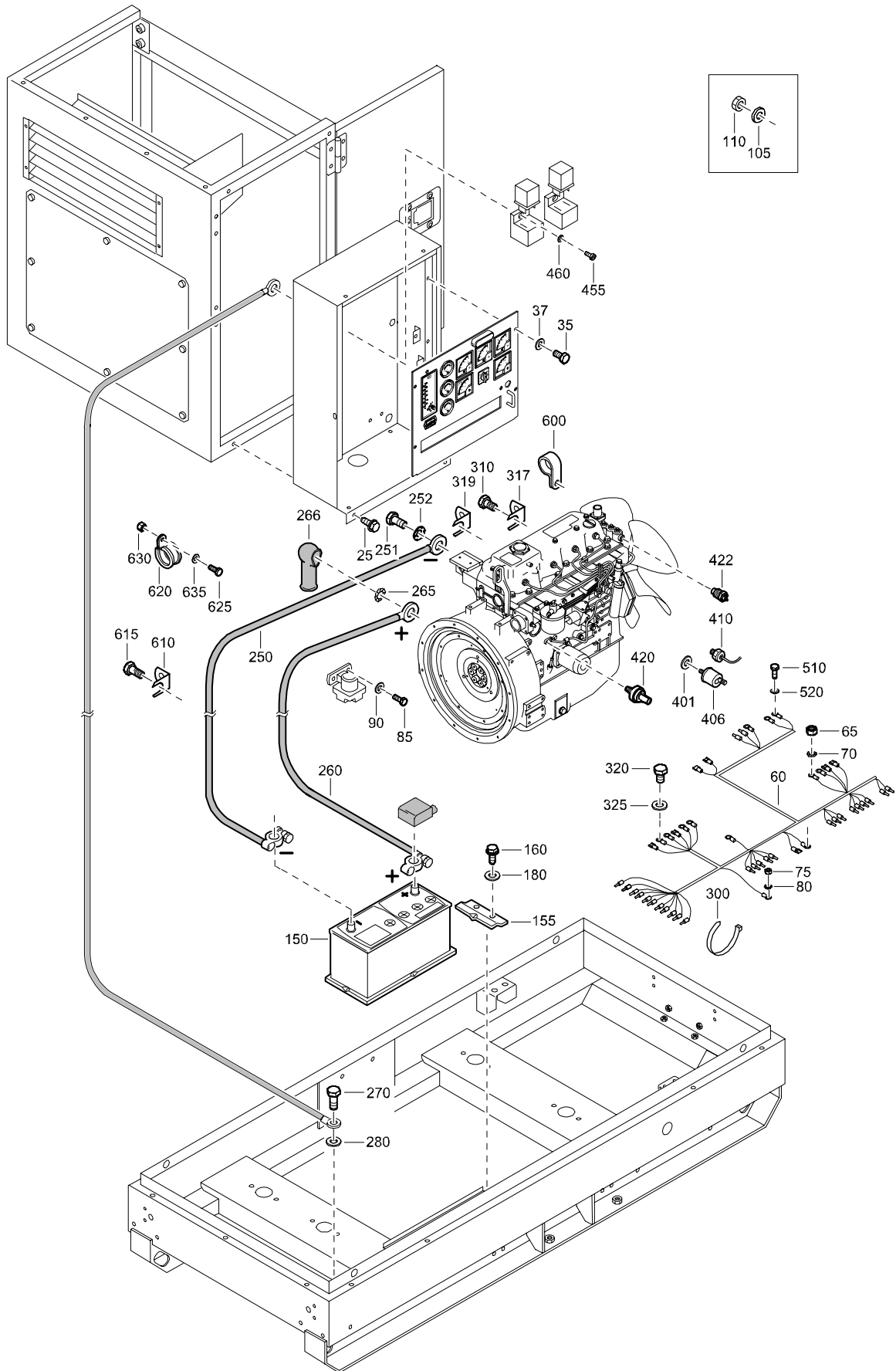
## BODYWORK AND MOUNTS



# STANDARD

## BODYWORK AND MOUNTS

| REF | PART NUMBER  | DESIGNATION     | QTY | REF | PART NUMBER  | DESIGNATION     | QTY |
|-----|--------------|-----------------|-----|-----|--------------|-----------------|-----|
| 20  | 1615 6962 07 | REAR PANEL      | 1   | 380 | 0291 1108 00 | LOCKNUT         | 4   |
| 25  | 1619 2766 00 | HEX. HEAD SREW  | 7   | 400 | 1615 6970 00 | WINDOW          | 1   |
| 30  | 1615 8921 01 | BAFFLE          | 1   | 405 | 0301 2321 00 | PLAIN WASHER    | 6   |
| 32  | 0129 3175 00 | BLIND RIVET     | 4   | 410 | 0266 2108 00 | HEXAGON NUT     | 6   |
| 35  | 1615 8918 01 | BAFFLE          | 1   | 415 | 1615 7057 00 | SEAL            | AR  |
| 37  | 0129 3175 00 | BLIND RIVET     | 4   | 500 | 1615 6971 04 | ROOF            | 1   |
| 50  | 1615 7104 00 | SERVICE PLATE   | 1   | 502 | 1615 7884 00 | CLIP            | 8   |
| 55  | 1619 2766 00 | HEX. HEAD SREW  | 8   | 505 | 1619 2766 00 | HEX. HEAD SREW  | 29  |
| 70  | 1615 6964 02 | FRONT PANEL     | 1   | 520 | 1615 6972 01 | FUNNEL          | 1   |
| 75  | 1619 2766 00 | HEX. HEAD SREW  | 7   | 522 | 1604 2270 00 | PLATE (FUNNEL)  | 1   |
| 80  | 1615 6985 02 | BAFFLE          | 1   | 523 | 1619 5188 00 | SEAL            | AR  |
| 85  | 1619 2766 00 | HEX. HEAD SREW  | 4   | 525 | 1615 5664 00 | HEX. HEAD SCREW | 4   |
| 90  | 1615 6965 00 | BAFFLE          | 1   | 530 | 1615 7057 00 | SEAL            | AR  |
| 95  | 1619 2766 00 | HEX. HEAD SREW  | 3   | 565 | 1615 5556 00 | RIVET           | 2   |
| 120 | 1615 6966 04 | DOOR            | 1   | 570 | 0017 9861 53 | PLASTIC BAG     | 1   |
| 121 | 1604 4317 00 | SEAL            | AR  | 575 | 1615 7271 00 | KEY             | 2   |
| 125 | 1615 5686 01 | HINGE (RH)      | 2   | 580 | 1088 1301 03 | CABLE STRIP     | 1   |
| 130 | 1615 5684 00 | BRACKET         | 4   | 600 | 1615 6294 02 | DOCUMENT HOLDER | 1   |
| 133 | 1619 2766 00 | HEX. HEAD SREW  | 2   | 610 | 1604 2277 00 | PLATE           | 1   |
| 134 | 1613 3672 00 | CAP             | 2   | 615 | 0216 1324 03 | HEX SOCK. SCREW | 2   |
| 135 | 0216 1324 03 | HEX SOCK. SCREW | 6   | 620 | 0266 2110 00 | HEXAGON NUT     | 2   |
| 140 | 1615 6967 03 | HANDLE          | 1   | 625 | 0333 3227 00 | LOCK WASHER     | 2   |
| 145 | 0301 2321 00 | PLAIN WASHER    | 4   |     |              |                 |     |
| 150 | 0291 1108 00 | LOCKNUT         | 4   |     |              |                 |     |
| 180 | 1615 6966 04 | DOOR            | 1   |     |              |                 |     |
| 181 | 1604 4317 00 | SEAL            | AR  |     |              |                 |     |
| 185 | 1615 5685 01 | HINGE (LH)      | 2   |     |              |                 |     |
| 190 | 1615 5684 00 | BRACKET         | 4   |     |              |                 |     |
| 193 | 1619 2766 00 | HEX. HEAD SREW  | 2   |     |              |                 |     |
| 194 | 1613 3672 00 | CAP             | 2   |     |              |                 |     |
| 195 | 0216 1324 03 | HEX SOCK. SCREW | 6   |     |              |                 |     |
| 200 | 1615 6967 03 | HANDLE          | 1   |     |              |                 |     |
| 205 | 0301 2321 00 | PLAIN WASHER    | 4   |     |              |                 |     |
| 210 | 0291 1108 00 | LOCKNUT         | 4   |     |              |                 |     |
| 250 | 1615 6968 03 | DOOR            | 1   |     |              |                 |     |
| 251 | 1604 4317 00 | SEAL            | AR  |     |              |                 |     |
| 255 | 1615 5686 01 | HINGE (RH)      | 2   |     |              |                 |     |
| 260 | 1615 5684 00 | BRACKET         | 4   |     |              |                 |     |
| 263 | 1619 2766 00 | HEX. HEAD SREW  | 2   |     |              |                 |     |
| 264 | 1613 3672 00 | CAP             | 2   |     |              |                 |     |
| 265 | 0216 1324 03 | HEX SOCK. SCREW | 6   |     |              |                 |     |
| 270 | 1615 6967 03 | HANDLE          | 1   |     |              |                 |     |
| 275 | 0301 2321 00 | PLAIN WASHER    | 4   |     |              |                 |     |
| 280 | 0291 1108 00 | LOCKNUT         | 4   |     |              |                 |     |
| 300 | 1615 6968 03 | DOOR            | 1   |     |              |                 |     |
| 301 | 1604 4317 00 | SEAL            | AR  |     |              |                 |     |
| 305 | 1615 5685 01 | HINGE (LH)      | 2   |     |              |                 |     |
| 310 | 1615 5684 00 | BRACKET         | 4   |     |              |                 |     |
| 313 | 1619 2766 00 | HEX. HEAD SREW  | 2   |     |              |                 |     |
| 314 | 1613 3672 00 | CAP             | 2   |     |              |                 |     |
| 315 | 0216 1324 03 | HEX SOCK. SCREW | 6   |     |              |                 |     |
| 320 | 1615 6967 03 | HANDLE          | 1   |     |              |                 |     |
| 325 | 0301 2321 00 | PLAIN WASHER    | 4   |     |              |                 |     |
| 330 | 0291 1108 00 | LOCKNUT         | 4   |     |              |                 |     |
| 349 | 1615 6969 04 | DOOR            | 1   |     |              |                 |     |
| 351 | 1202 6584 00 | SEAL            | AR  |     |              |                 |     |
| 355 | 1615 5686 01 | HINGE (RH)      | 2   |     |              |                 |     |
| 360 | 1615 5684 00 | BRACKET         | 4   |     |              |                 |     |
| 365 | 0216 1324 03 | HEX SOCK. SCREW | 8   |     |              |                 |     |
| 370 | 1615 6967 03 | HANDLE          | 1   |     |              |                 |     |
| 375 | 0301 2321 00 | PLAIN WASHER    | 4   |     |              |                 |     |



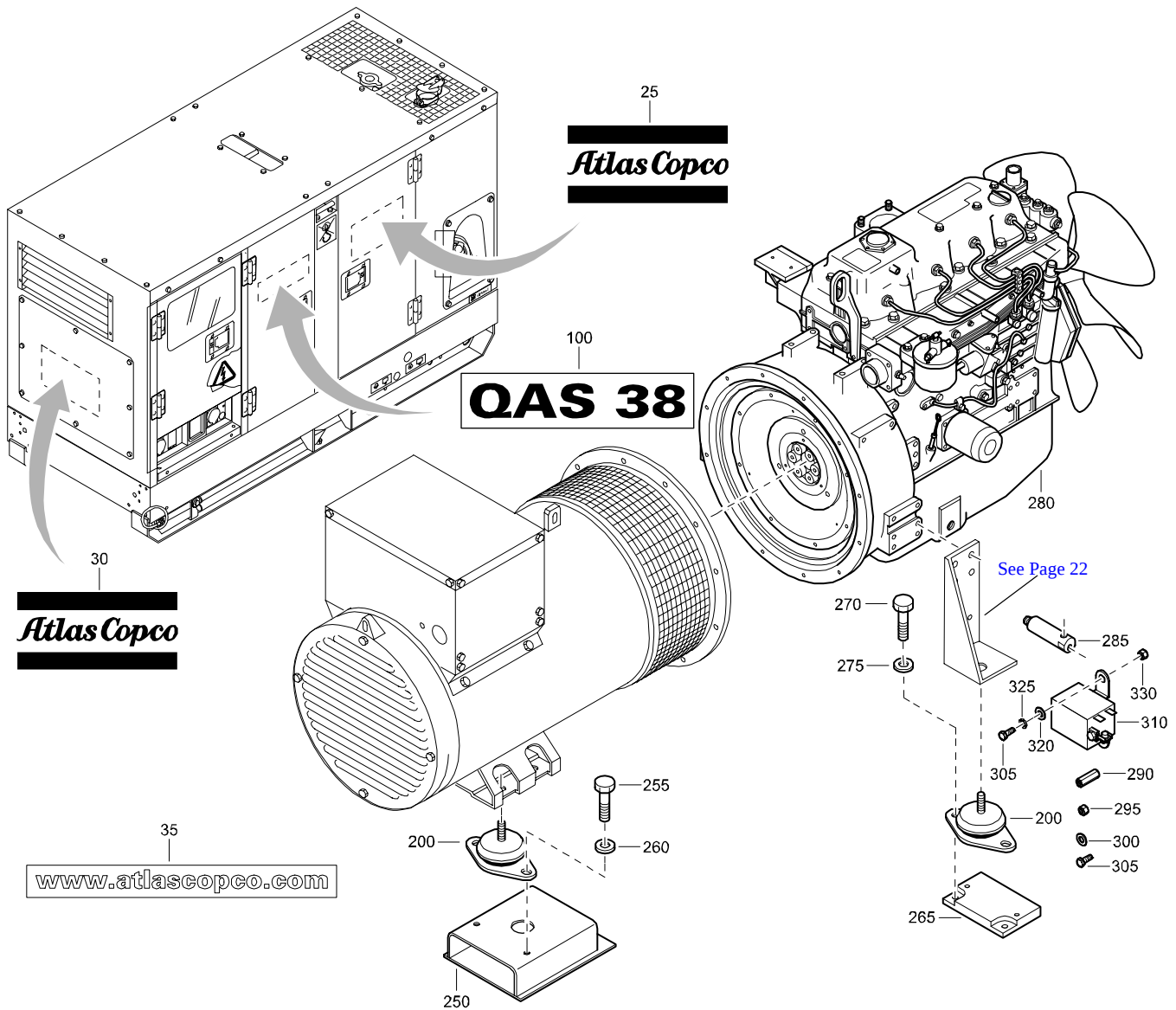
# STANDARD

## ELECTRICAL SYSTEM

| REF | PART NUMBER  | DESIGNATION                | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|----------------------------|-----|-----|-------------|-------------|-----|
| 25  | 1619 2766 00 | HEX. HEAD SREW             | 8   |     |             |             |     |
| 35  | 0147 1320 03 | HEX. HEAD SCREW            | 4   |     |             |             |     |
| 37  | 0301 2335 00 | PLAIN WASHER               | 4   |     |             |             |     |
| 60  | 1604 6410 02 | WIRE HARNESS               | 1   |     |             |             |     |
| 65  | 0266 2110 00 | HEXAGON NUT                | 1   |     |             |             |     |
| 70  | 0333 3227 00 | LOCK WASHER                | 1   |     |             |             |     |
| 75  | 0266 2107 00 | HEXAGON NUT                | 1   |     |             |             |     |
| 80  | 0333 3215 00 | LOCK WASHER                | 1   |     |             |             |     |
| 85  | 0147 1246 03 | HEX. HEAD SCREW            | 2   |     |             |             |     |
| 90  | 1088 0019 06 | CONTACT WASHER             | 2   |     |             |             |     |
| 105 | 1088 0019 01 | CONTACT WASHER             | 1   |     |             |             |     |
| 110 | 0266 2110 00 | HEXAGON NUT                | 1   |     |             |             |     |
| 150 | 0926 5400 10 | BATTERY                    | 1   |     |             |             |     |
| 155 | 1202 9011 00 | CLAMP                      | 1   |     |             |             |     |
| 160 | 1619 2766 00 | HEX. HEAD SREW             | 2   |     |             |             |     |
| 180 | 0301 2344 00 | PLAIN WASHER               | 2   |     |             |             |     |
| 250 | 1615 0866 01 | BATTERY CABLE              | 1   |     |             |             |     |
| 251 | 0147 1360 03 | HEX. HEAD SCREW            | 1   |     |             |             |     |
| 252 | 1088 0019 02 | CONTACT WASHER             | 1   |     |             |             |     |
| 260 | 1615 6981 02 | BATTERY CABLE              | 1   |     |             |             |     |
| 265 | 0333 3227 00 | LOCK WASHER                | 1   |     |             |             |     |
| 266 | 1619 3729 00 | PROTECT.CAP                | 1   |     |             |             |     |
| 270 | 0147 1360 03 | HEX. HEAD SCREW            | 1   |     |             |             |     |
| 280 | 1088 0019 02 | CONTACT WASHER             | 1   |     |             |             |     |
| 300 | 1088 1301 02 | CABLE STRIP                | 25  |     |             |             |     |
| 310 | 0147 1359 03 | HEX. HEAD SCREW            | 1   |     |             |             |     |
| 317 | 1613 0809 01 | BRACKET                    | 1   |     |             |             |     |
| 319 | 1613 0809 01 | BRACKET                    | 1   |     |             |             |     |
| 320 | 0147 1359 03 | HEX. HEAD SCREW            | 1   |     |             |             |     |
| 325 | 0333 3232 00 | LOCK WASHER                | 1   |     |             |             |     |
| 401 | 0653 1092 00 | FLAT GASKET                | 1   |     |             |             |     |
| 406 | 1089 0565 14 | OILPRESSURE SENSOR         | 1   |     |             |             |     |
| 410 | 1089 0567 11 | TEMPERATURE SENSOR         | 1   |     |             |             |     |
| 420 | 1089 0579 51 | OIL PRESS.SWITCH+PROT.BOOT | 1   |     |             |             |     |
| 422 | 1089 9387 51 | TEMPERATURE SWITCH         | 1   |     |             |             |     |
| 455 | 0160 6060 00 | SLOTTED SCREW              | 2   |     |             |             |     |
| 460 | 0301 2318 00 | PLAIN WASHER               | 2   |     |             |             |     |
| 510 | 0147 1246 03 | HEX. HEAD SCREW            | 2   |     |             |             |     |
| 520 | 1088 0019 06 | CONTACT WASHER             | 2   |     |             |             |     |
| 600 | 1613 0801 03 | PIPE CLAMP                 | 1   |     |             |             |     |
| 610 | 1613 0809 01 | BRACKET                    | 1   |     |             |             |     |
| 615 | 0147 1360 03 | HEX. HEAD SCREW            | 1   |     |             |             |     |
| 620 | 1613 0801 02 | PIPE CLAMP                 | 1   |     |             |             |     |
| 625 | 0147 1244 03 | HEX. HEAD SCREW            | 1   |     |             |             |     |
| 630 | 0266 2108 00 | HEXAGON NUT                | 1   |     |             |             |     |
| 635 | 0333 3220 00 | LOCK WASHER                | 1   |     |             |             |     |

# STANDARD

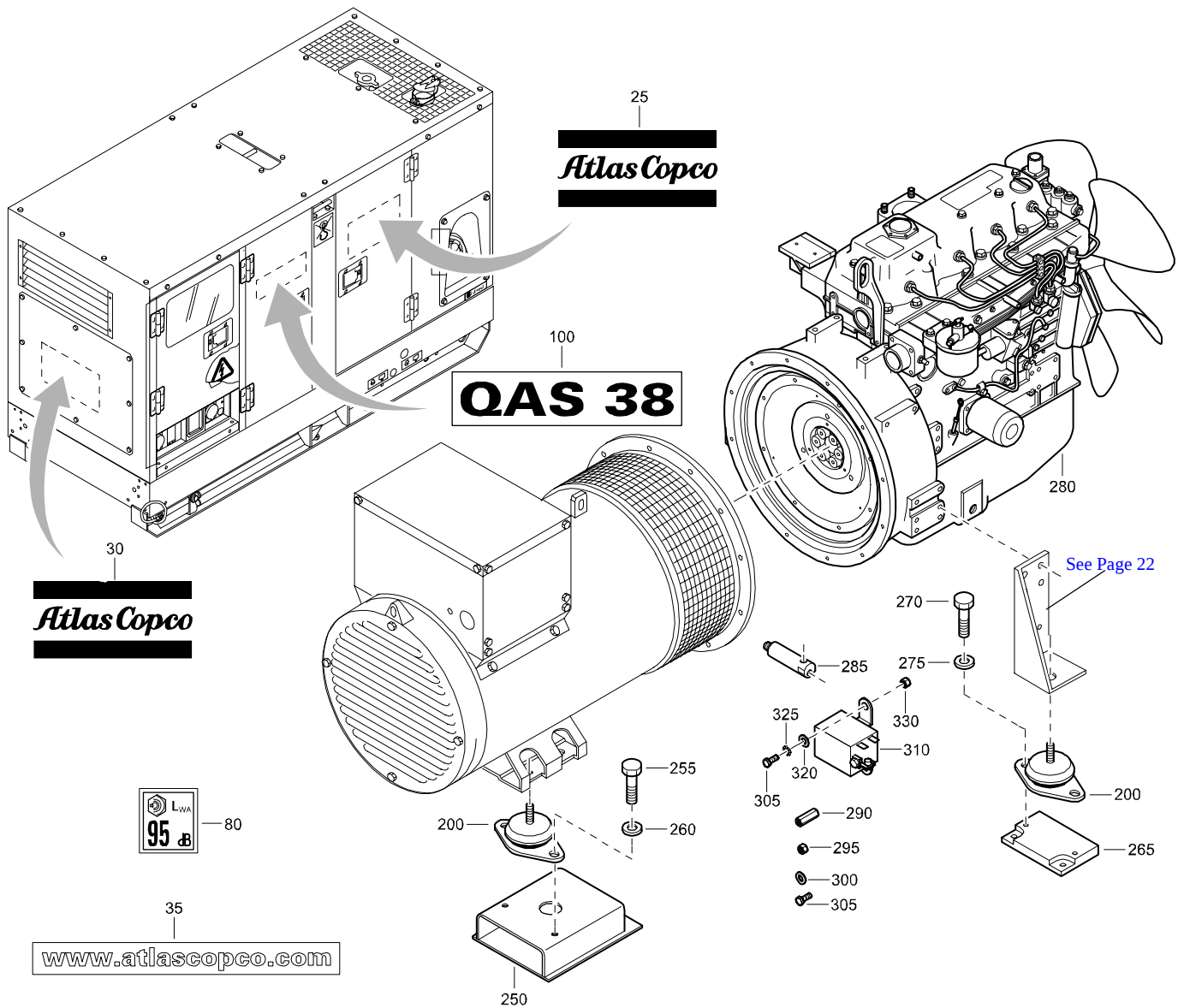
## ENGINE AND ACCESSORIES 60 HZ



| REF | PART NUMBER  | DESIGNATION               | QTY | REF | PART NUMBER  | DESIGNATION  | QTY |
|-----|--------------|---------------------------|-----|-----|--------------|--------------|-----|
| 25  | 0690 1132 00 | HOUSE MARK                | 2   | 320 | 0301 2321 00 | PLAIN WASHER | 3   |
| 30  | 0690 1140 00 | HOUSE MARK                | 2   | 325 | 0333 3220 00 | LOCK WASHER  | 3   |
| 35  | 1079 9921 42 | INFORMATION LABEL         | 1   | 330 | 0266 2108 00 | HEXAGON NUT  | 3   |
| 100 | 1604 2439 00 | DECAL                     | 2   |     |              |              |     |
| 200 | 1619 5506 85 | BUFFER ASSEMBLY           | 4   |     |              |              |     |
| 250 | 1604 6168 00 | BRACKET                   | 2   |     |              |              |     |
| 255 | 0147 1323 15 | HEX. HEAD SCREW           | 4   |     |              |              |     |
| 260 | 0301 2335 00 | PLAIN WASHER              | 4   |     |              |              |     |
| 265 | 1604 6169 00 | BRACKET                   | 2   |     |              |              |     |
| 270 | 0147 1323 15 | HEX. HEAD SCREW           | 4   |     |              |              |     |
| 275 | 0301 2335 00 | PLAIN WASHER              | 4   |     |              |              |     |
| 280 | 1604 6259 00 | ENGINE                    | 1   |     |              |              |     |
|     |              | (For details see page 36) |     |     |              |              |     |
| 285 | 1615 9552 02 | DAMPER                    | 1   |     |              |              |     |
| 290 | 0324 1800 37 | SPACING NUT               | 1   |     |              |              |     |
| 295 | 0266 2108 00 | HEXAGON NUT               | 2   |     |              |              |     |
| 300 | 0300 0274 64 | PLAIN WASHER              | 1   |     |              |              |     |
| 305 | 0147 1246 03 | HEX. HEAD SCREW           | 1   |     |              |              |     |
| 310 | 1089 0585 01 | RELAY                     | 1   |     |              |              |     |
| 315 | 0147 1246 03 | HEX. HEAD SCREW           | 3   |     |              |              |     |

# STANDARD

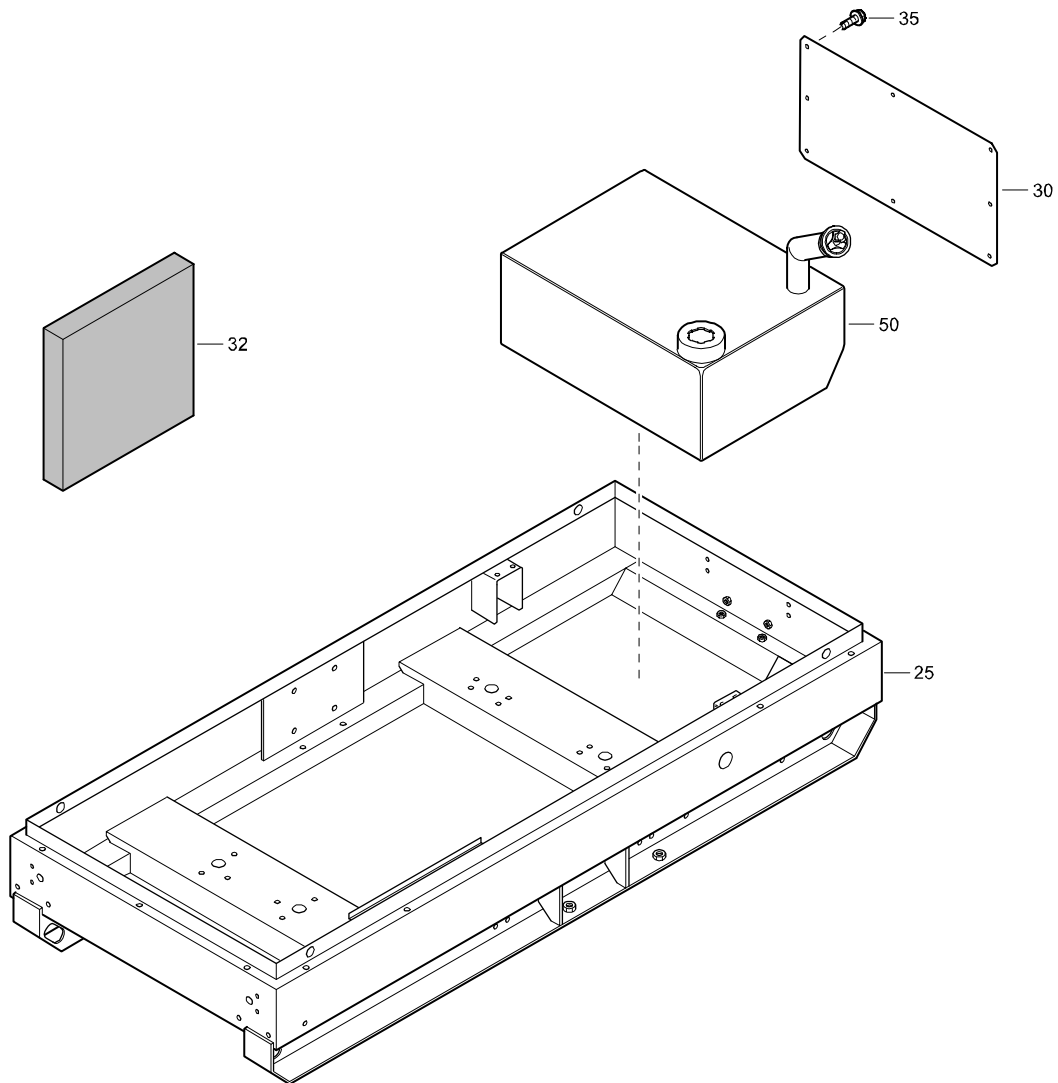
## ENGINE AND ACCESSORIES 50 HZ



| REF | PART NUMBER  | DESIGNATION               | QTY | REF | PART NUMBER  | DESIGNATION     | QTY |
|-----|--------------|---------------------------|-----|-----|--------------|-----------------|-----|
| 25  | 0690 1132 00 | HOUSE MARK                | 2   | 315 | 0147 1246 03 | HEX. HEAD SCREW | 3   |
| 30  | 0690 1140 00 | HOUSE MARK                | 2   | 320 | 0301 2321 00 | PLAIN WASHER    | 3   |
| 35  | 1079 9921 42 | INFORMATION LABEL         | 1   | 325 | 0333 3220 00 | LOCK WASHER     | 3   |
| 80  | 1604 3317 06 | LABEL NOISE 95LWA         | 1   | 330 | 0266 2108 00 | HEXAGON NUT     | 3   |
| 100 | 1604 2439 00 | DECAL                     | 2   |     |              |                 |     |
| 200 | 1619 5506 85 | BUFFER ASSEMBLY           | 4   |     |              |                 |     |
| 250 | 1604 6168 00 | BRACKET                   | 2   |     |              |                 |     |
| 255 | 0147 1323 15 | HEX. HEAD SCREW           | 4   |     |              |                 |     |
| 260 | 0301 2335 00 | PLAIN WASHER              | 4   |     |              |                 |     |
| 265 | 1604 6169 00 | BRACKET                   | 2   |     |              |                 |     |
| 270 | 0147 1323 15 | HEX. HEAD SCREW           | 4   |     |              |                 |     |
| 275 | 0301 2335 00 | PLAIN WASHER              | 4   |     |              |                 |     |
| 280 | 1604 6259 00 | ENGINE                    | 1   |     |              |                 |     |
|     |              | (For details see page 36) |     |     |              |                 |     |
| 285 | 1615 9552 02 | DAMPER                    | 1   |     |              |                 |     |
| 290 | 0324 1800 37 | SPACING NUT               | 1   |     |              |                 |     |
| 295 | 0266 2108 00 | HEXAGON NUT               | 2   |     |              |                 |     |
| 300 | 0300 0274 64 | PLAIN WASHER              | 1   |     |              |                 |     |
| 305 | 0147 1246 03 | HEX. HEAD SCREW           | 1   |     |              |                 |     |
| 310 | 1089 0585 01 | RELAY                     | 1   |     |              |                 |     |

# STANDARD

SKID  
NOT SPILLAGE FREE



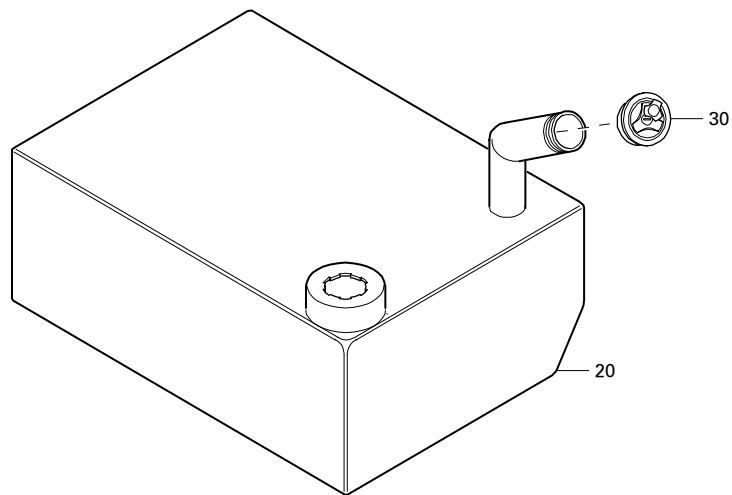
| REF | PART NUMBER  | DESIGNATION               | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|---------------------------|-----|-----|-------------|-------------|-----|
| 25  | 1615 6973 09 | FRAME                     | 1   |     |             |             |     |
| 30  | 1604 0960 00 | SERVICE PLATE             | 1   |     |             |             |     |
| 32  | -            | SILENCING FOAM (30 mm)    | 1   |     |             |             |     |
| 35  | 1619 2766 00 | HEX. HEAD SREW            | 6   |     |             |             |     |
| 50  | 1604 2102 81 | FUELTANK ASS'Y            | 1   |     |             |             |     |
|     |              | (For details see page 35) |     |     |             |             |     |
| -   | 1079 0003 32 | SILENCING FOAM            |     |     |             |             |     |
|     |              | 2000 mm x 1500 mm x 30 mm |     |     |             |             |     |

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# STANDARD

## FUEL TANK ASSEMBLY

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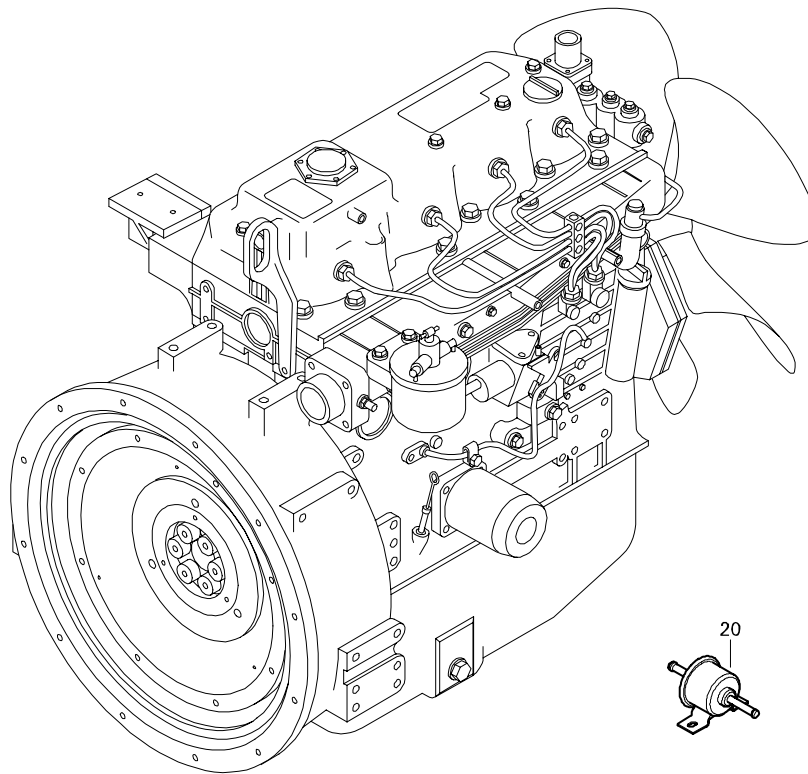
| REF | PART NUMBER  | DESIGNATION                                                     | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|-----------------------------------------------------------------|-----|-----|-------------|-------------|-----|
| -   | 1604 2102 81 | FUELTANK ASSEMBLY<br>(From page 34, 56, 58, 60, 68, 62, 64, 66) |     |     |             |             |     |
| •20 | 1604 2102 01 | FUELTANK                                                        | 1   |     |             |             |     |
| •30 | 1615 6947 01 | COVER                                                           | 1   |     |             |             |     |

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# STANDARD

## ENGINE

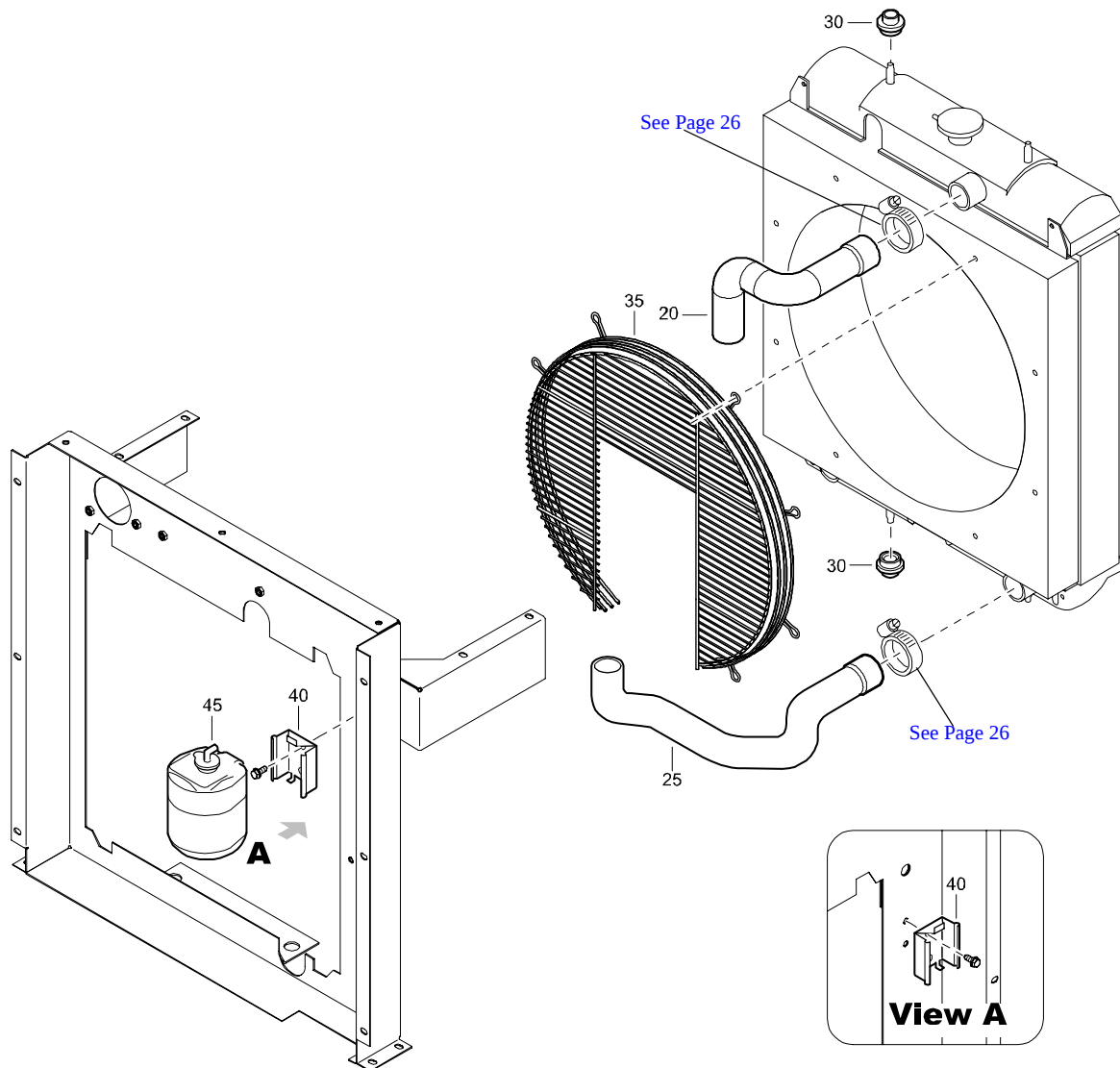
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| REF | PART NUMBER  | DESIGNATION | QTY                | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|-------------|--------------------|-----|-------------|-------------|-----|
| -   | 1604 6259 00 | ENGINE      | (From page 32, 33) |     |             |             |     |
| •20 | 1604 6440 00 | PUMP        | 1                  |     |             |             |     |

# STANDARD

## RADIATOR

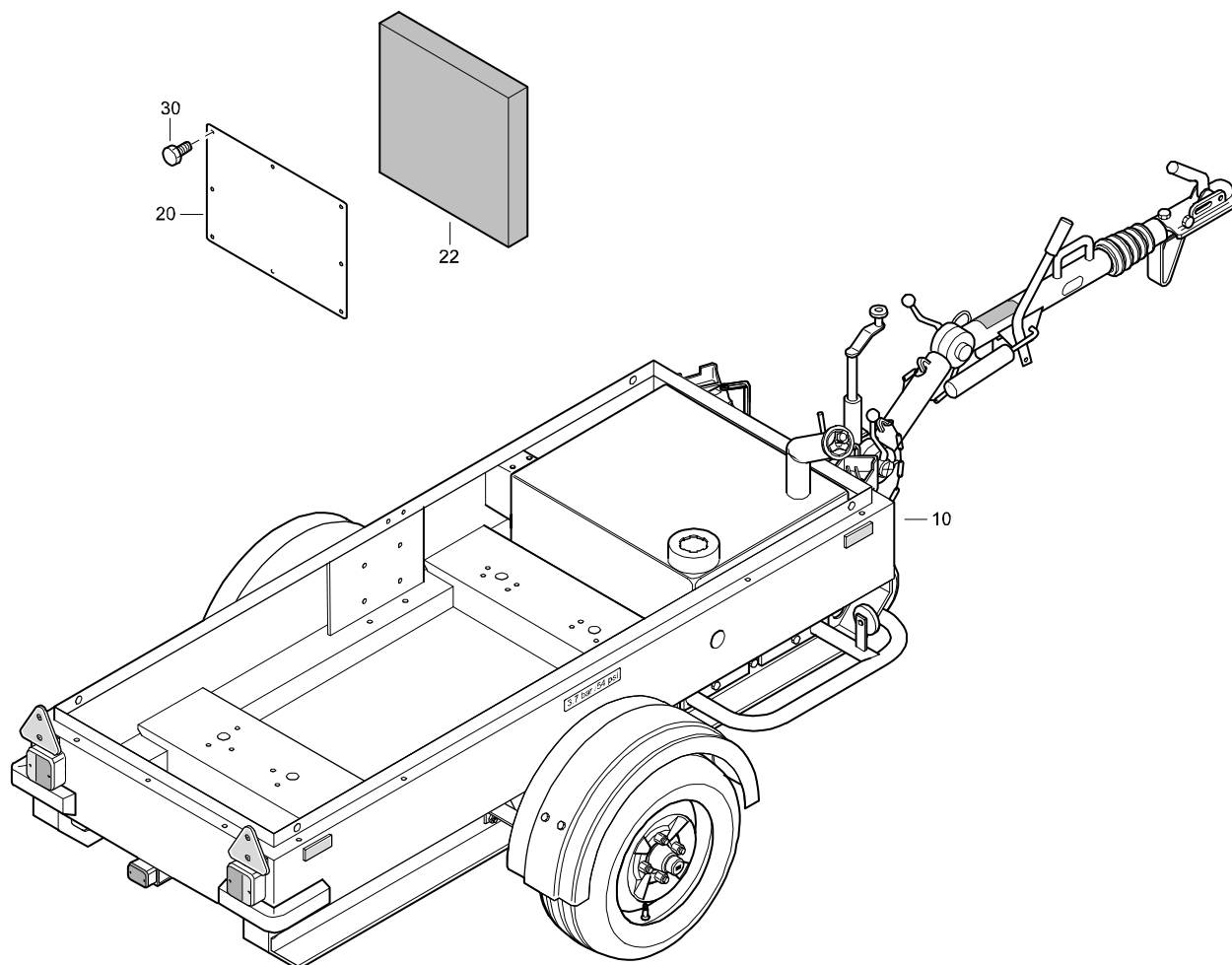


| REF | PART NUMBER  | DESIGNATION | QTY            | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|-------------|----------------|-----|-------------|-------------|-----|
| -   | 1604 6340 00 | RADIATOR    | (From page 26) |     |             |             |     |
| •20 | 1604 6341 00 | HOSE        | 1              |     |             |             |     |
| •25 | 1604 6342 00 | HOSE        | 1              |     |             |             |     |
| •30 | 1604 6441 00 | MOUNTS      | 4              |     |             |             |     |
| •35 | 1604 6442 00 | GUARD       | 1              |     |             |             |     |
| •40 | 1615 7064 00 | BRACKET     | 1              |     |             |             |     |
| •45 | 1615 7032 00 | WATERTANK   | 1              |     |             |             |     |

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**OPTIONS**  
**UNDERCARRIAGE**  
**WITH BALL COUPLING**  
**FOR GENERATOR WITHOUT SPILLAGE FREE FRAME**

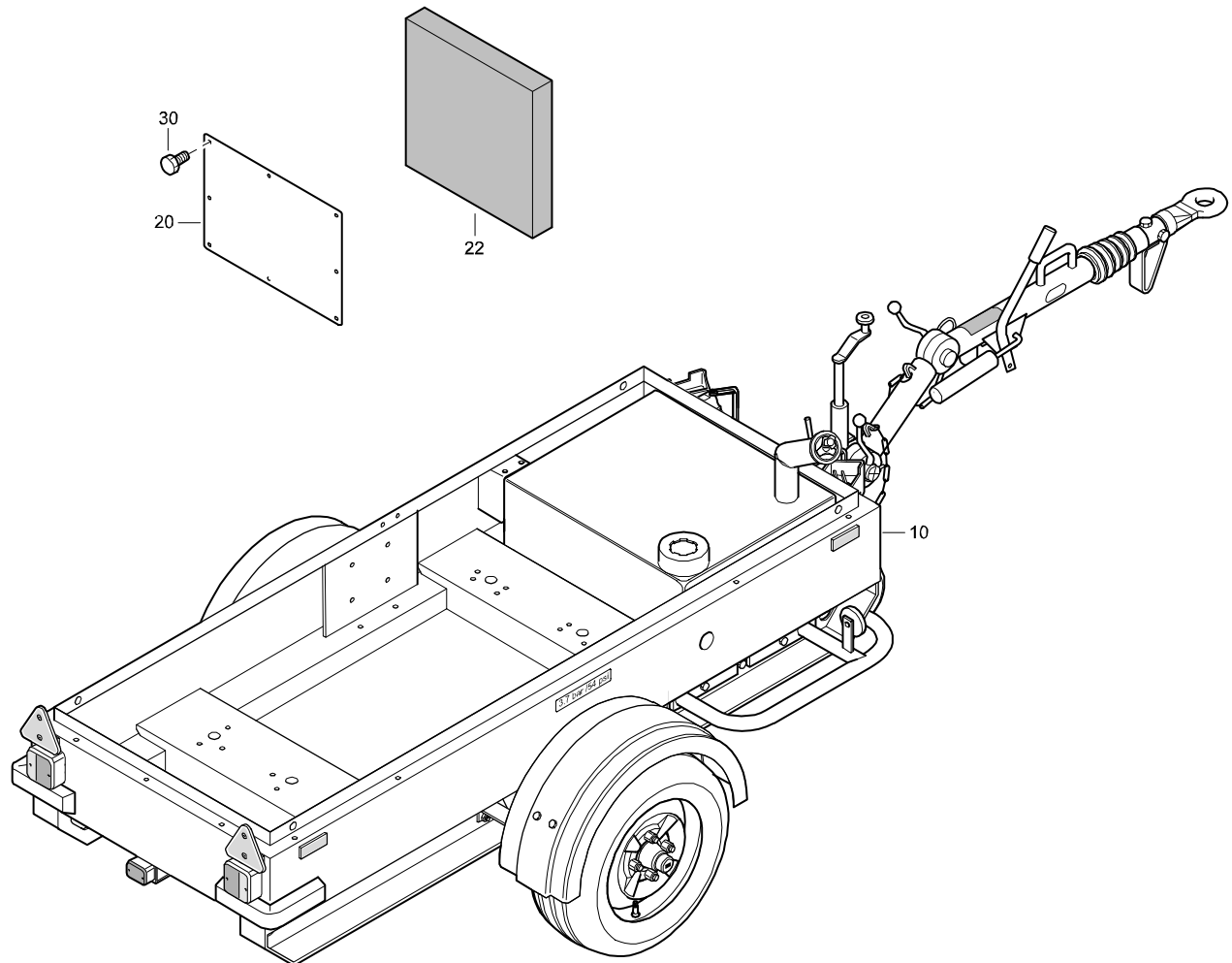
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| REF | PART NUMBER  | DESIGNATION                                 | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|---------------------------------------------|-----|-----|-------------|-------------|-----|
| 10  | 1615 9692 90 | UND-NSF-BC<br>(For details see page 66)     | 1   |     |             |             |     |
| 20  | 1604 0960 00 | SERVICE PLATE                               | 1   |     |             |             |     |
| 22  | -            | SILENCING FOAM (30 mm)                      | 1   |     |             |             |     |
| 30  | 1619 2766 00 | HEX. HEAD SREW                              | 6   |     |             |             |     |
| -   | 1079 0003 32 | SILENCING FOAM<br>2000 mm x 1500 mm x 30 mm |     |     |             |             |     |

# OPTIONS

## UNDERCARRIAGE WITH DIN EYE FOR GENERATOR WITHOUT SPILLAGE FREE FRAME

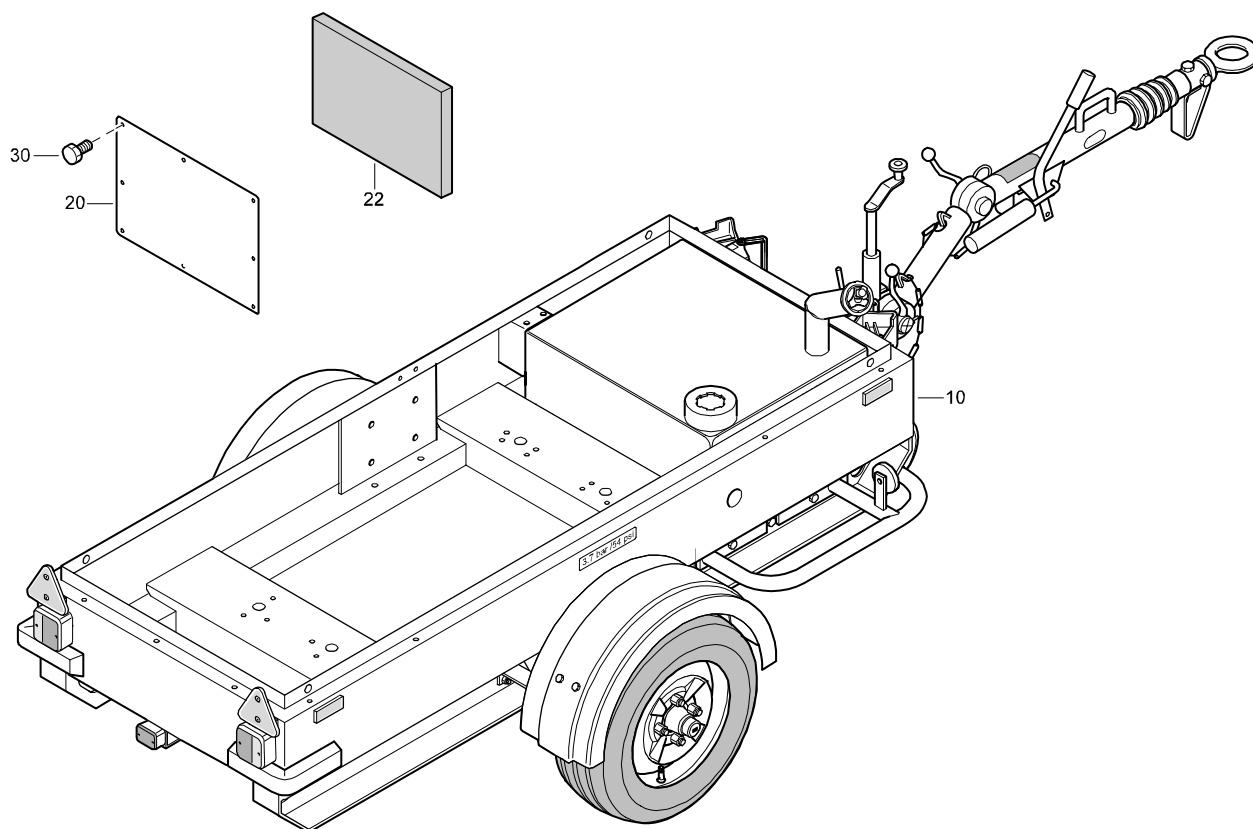


| REF | PART NUMBER  | DESIGNATION                                 | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|---------------------------------------------|-----|-----|-------------|-------------|-----|
| 10  | 1615 9691 90 | UND-NSF-DIN<br>(For details see page 64)    | 1   |     |             |             |     |
| 20  | 1604 0960 00 | SERVICE PLATE                               | 1   |     |             |             |     |
| 22  | -            | SILENCING FOAM (30 mm)                      | 1   |     |             |             |     |
| 30  | 1619 2766 00 | HEX. HEAD SREW                              | 6   |     |             |             |     |
| -   | 1079 0003 32 | SILENCING FOAM<br>2000 mm x 1500 mm x 30 mm |     |     |             |             |     |

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**OPTIONS**  
**UNDERCARRIAGE**  
**WITH AC EYE**  
**FOR GENERATOR WITHOUT SPILLAGE FREE FRAME**

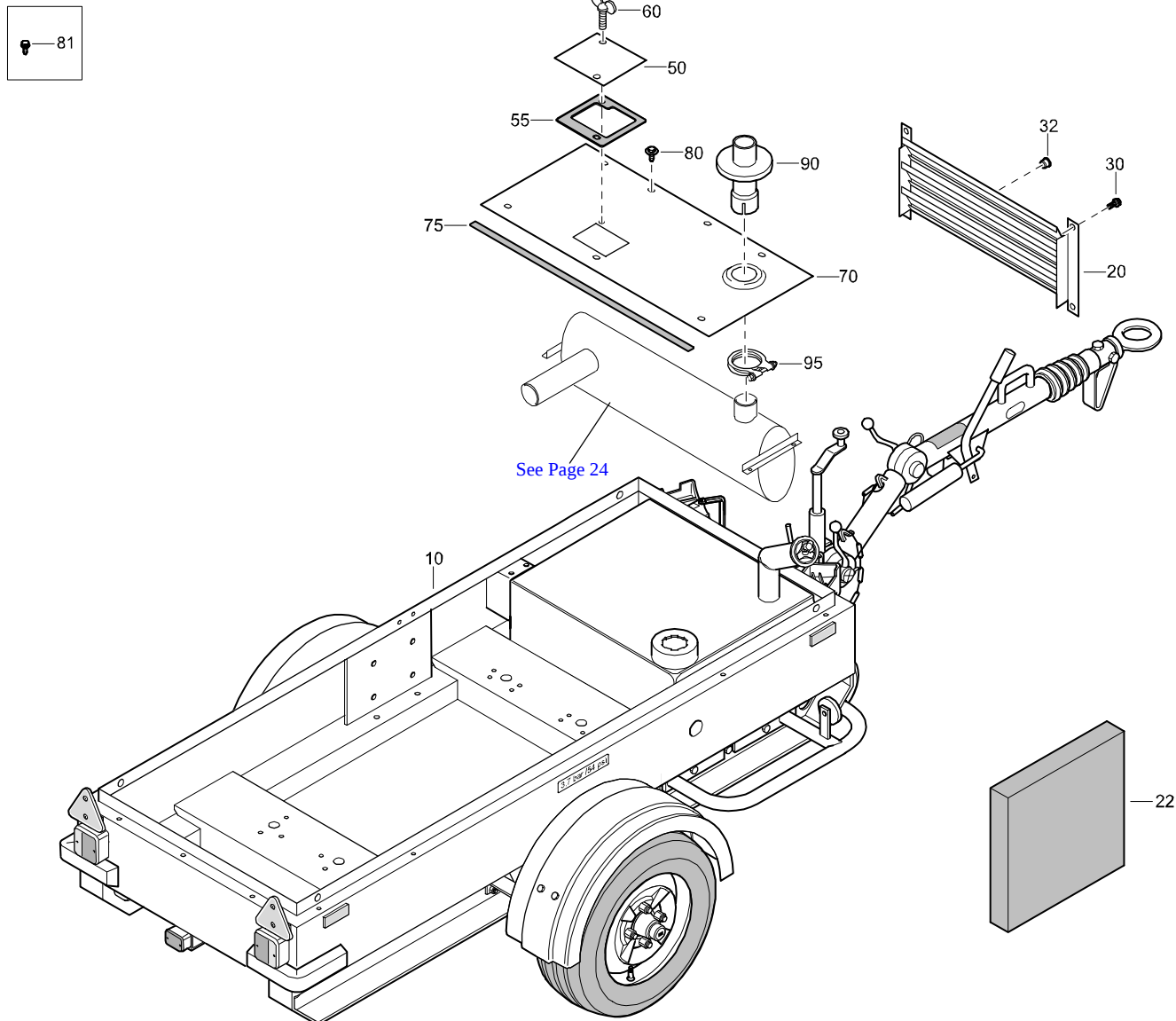
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| REF | PART NUMBER  | DESIGNATION                                 | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|---------------------------------------------|-----|-----|-------------|-------------|-----|
| 10  | 1615 9690 90 | UND-NSF-AC<br>(For details see page 62)     | 1   |     |             |             |     |
| 20  | 1604 0960 00 | SERVICE PLATE                               | 1   |     |             |             |     |
| 22  | -            | SILENCING FOAM (30 mm)                      | 1   |     |             |             |     |
| 30  | 1619 2766 00 | HEX. HEAD SREW                              | 6   |     |             |             |     |
| -   | 1079 0003 32 | SILENCING FOAM<br>2000 mm x 1500 mm x 30 mm |     |     |             |             |     |

# OPTIONS

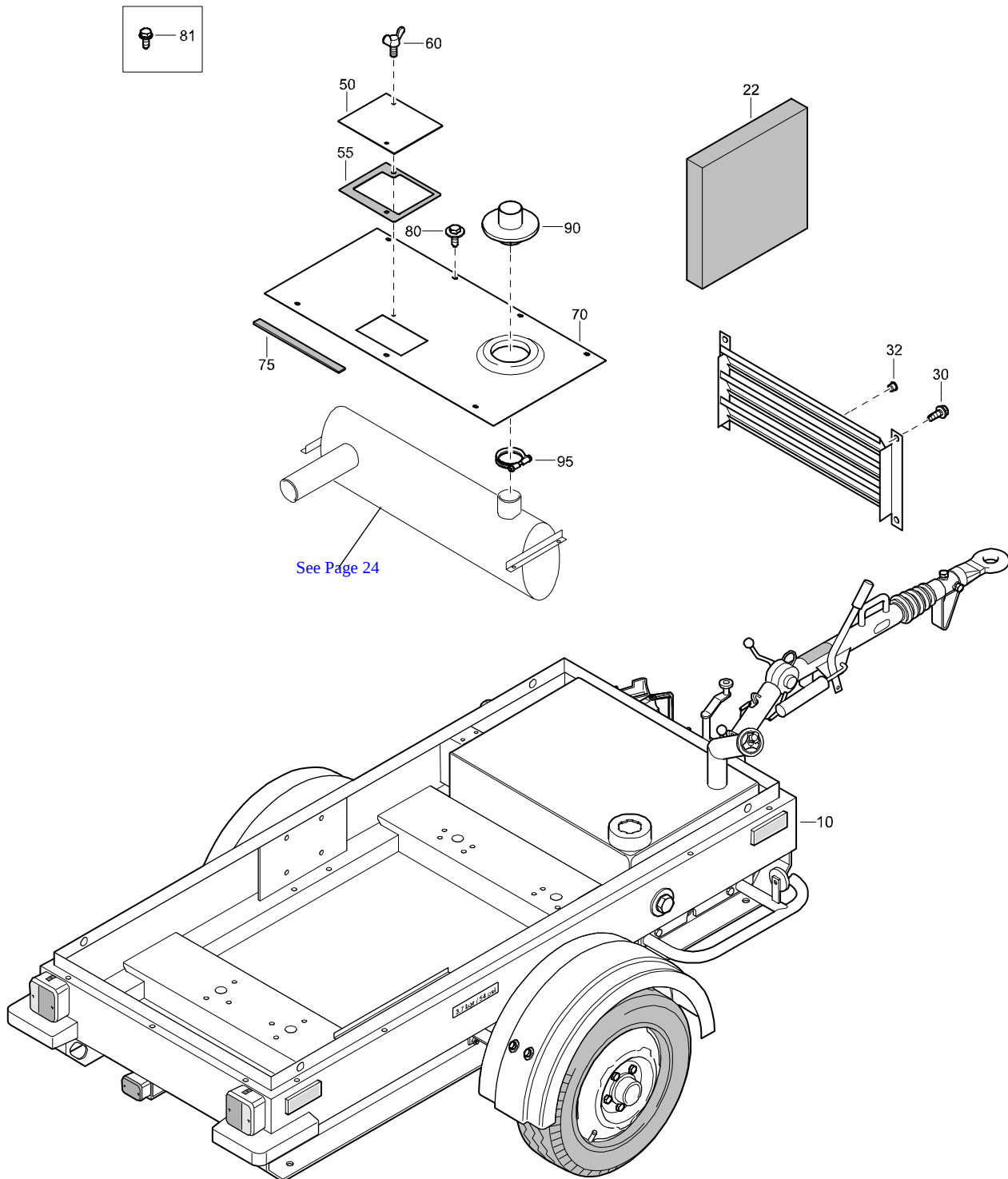
## UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND AC EYE



| REF | PART NUMBER  | DESIGNATION                             | QTY | REF | PART NUMBER  | DESIGNATION                                 | QTY |
|-----|--------------|-----------------------------------------|-----|-----|--------------|---------------------------------------------|-----|
| 10  | 1604 9693 90 | UND-SPF-AC<br>(For details see page 60) | 1   | -   | 1079 0003 32 | SILENCING FOAM<br>2000 mm x 1500 mm x 30 mm |     |
| 20  | 1615 9771 00 | BAFFLE                                  | 1   |     |              |                                             |     |
| 22  | -            | SILENCING FOAM (30 mm)                  | 3   |     |              |                                             |     |
| 30  | 1619 2766 00 | HEX. HEAD SREW                          | 4   |     |              |                                             |     |
| 32  | 1615 9743 00 | PLUG                                    | 2   |     |              |                                             |     |
| 50  | 1615 9058 01 | COVER                                   | 1   |     |              |                                             |     |
| 55  | 1604 3296 00 | SEAL                                    | 1   |     |              |                                             |     |
| 60  | 0223 1957 11 | WING SCREW                              | 2   |     |              |                                             |     |
| 70  | 1615 9052 01 | PLATE(ROOF)                             | 1   |     |              |                                             |     |
| 75  | 1615 7057 00 | SEAL                                    | AR  |     |              |                                             |     |
| 80  | 1615 5664 00 | HEX. HEAD SCREW                         | 7   |     |              |                                             |     |
| 81  | 1619 2766 00 | HEX. HEAD SREW                          | 7   |     |              |                                             |     |
| 90  | 1615 9125 02 | PIPE                                    | 1   |     |              |                                             |     |
| 95  | 1604 3462 00 | PIPE CLAMP                              | 1   |     |              |                                             |     |

## OPTIONS

### UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND DIN EYE



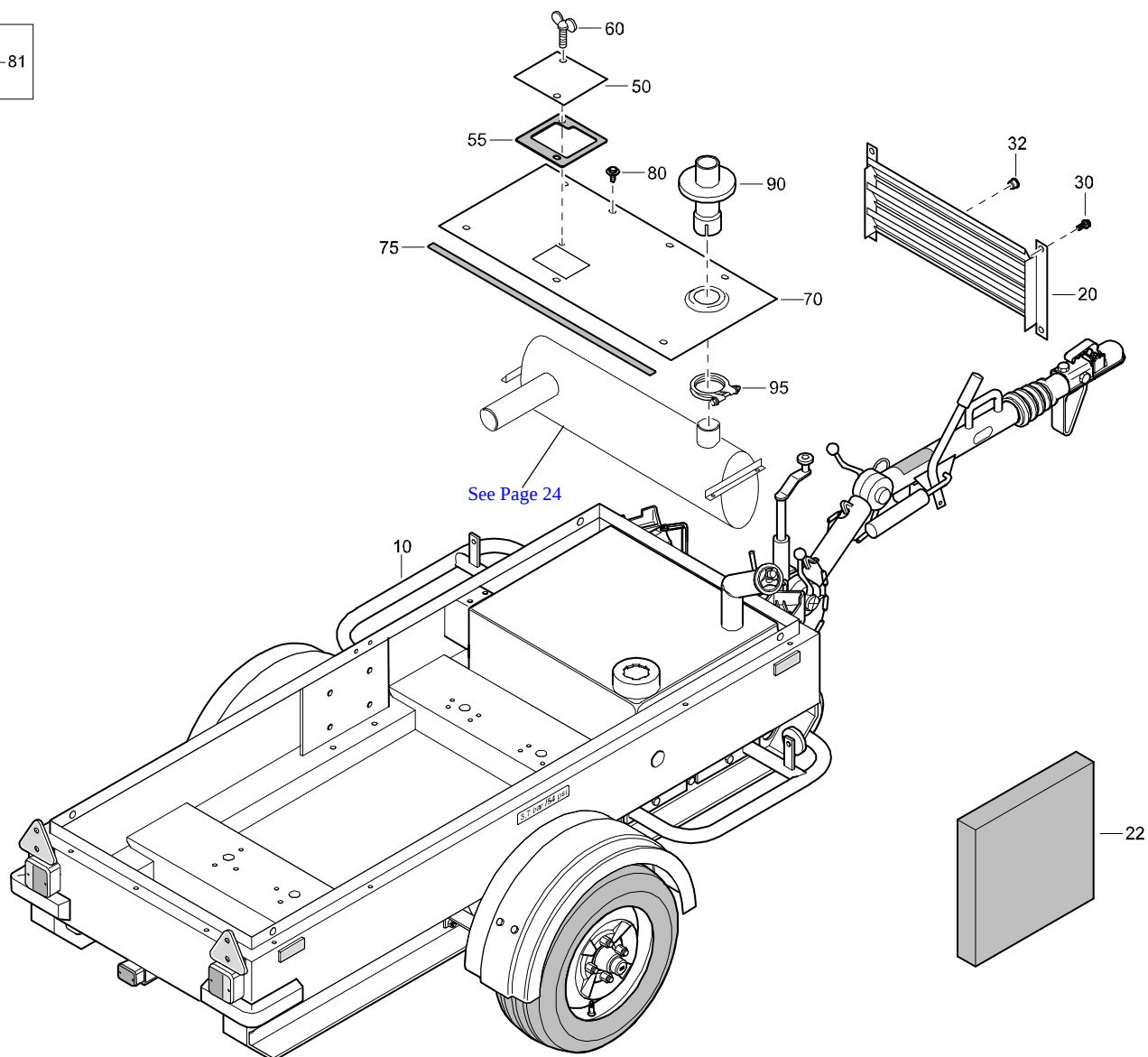
## OPTIONS

### UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND DIN EYE

| REF | PART NUMBER  | DESIGNATION                                 | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|---------------------------------------------|-----|-----|-------------|-------------|-----|
| 10  | 1604 7408 80 | UNDERCARRIAGE<br>(For details see page 56)  | 1   |     |             |             |     |
| 20  | 1615 9771 00 | BAFFLE                                      | 1   |     |             |             |     |
| 22  | -            | SILENCING FOAM (30 mm)                      | 3   |     |             |             |     |
| 30  | 1619 2766 00 | HEX. HEAD SCREW                             | 4   |     |             |             |     |
| 32  | 1615 9743 00 | PLUG                                        | 2   |     |             |             |     |
| 50  | 1615 9058 01 | COVER                                       | 1   |     |             |             |     |
| 55  | 1604 3296 00 | SEAL                                        | 1   |     |             |             |     |
| 60  | 0223 1957 11 | WING SCREW                                  | 2   |     |             |             |     |
| 70  | 1615 9052 01 | PLATE(ROOF)                                 | 1   |     |             |             |     |
| 75  | 1615 7057 00 | SEAL                                        | AR  |     |             |             |     |
| 80  | 1615 5664 00 | HEX. HEAD SCREW                             | 7   |     |             |             |     |
| 81  | 1619 2766 00 | HEX. HEAD SCREW                             | 7   |     |             |             |     |
| 90  | 1615 9125 02 | PIPE                                        | 1   |     |             |             |     |
| 95  | 1604 3462 00 | PIPE CLAMP                                  | 1   |     |             |             |     |
| -   | 1079 0003 32 | SILENCING FOAM<br>2000 mm x 1500 mm x 30 mm |     |     |             |             |     |

# OPTIONS

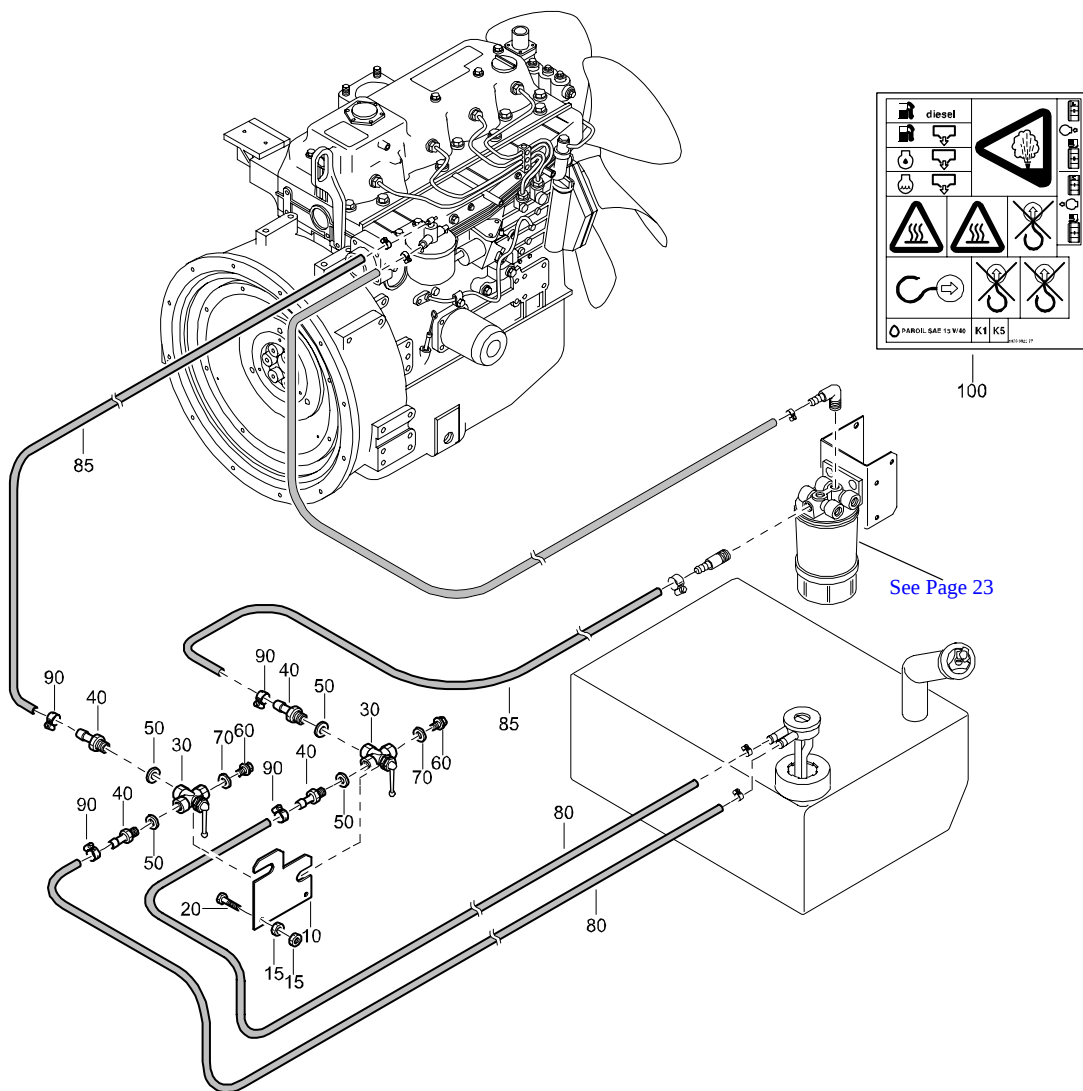
## UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND BALL COUPLING



| REF | PART NUMBER  | DESIGNATION                               | QTY | REF | PART NUMBER  | DESIGNATION                                 | QTY |
|-----|--------------|-------------------------------------------|-----|-----|--------------|---------------------------------------------|-----|
| 10  | 1604 9144 80 | UND-SPF-BALL<br>(For details see page 58) | 1   | -   | 1079 0003 32 | SILENCING FOAM<br>2000 mm x 1500 mm x 30 mm |     |
| 20  | 1615 9771 00 | BAFFLE                                    | 1   |     |              |                                             |     |
| 22  | -            | SILENCING FOAM (30 mm)                    | 3   |     |              |                                             |     |
| 30  | 1619 2766 00 | HEX. HEAD SCREW                           | 4   |     |              |                                             |     |
| 32  | 1615 9743 00 | PLUG                                      | 2   |     |              |                                             |     |
| 50  | 1615 9058 01 | COVER                                     | 1   |     |              |                                             |     |
| 55  | 1604 3296 00 | SEAL                                      | 1   |     |              |                                             |     |
| 60  | 0223 1957 11 | WING SCREW                                | 2   |     |              |                                             |     |
| 70  | 1615 9052 01 | PLATE(ROOF)                               | 1   |     |              |                                             |     |
| 75  | 1615 7057 00 | SEAL                                      | AR  |     |              |                                             |     |
| 80  | 1615 5664 00 | HEX. HEAD SCREW                           | 7   |     |              |                                             |     |
| 81  | 1619 2766 00 | HEX. HEAD SCREW                           | 7   |     |              |                                             |     |
| 90  | 1615 9125 02 | PIPE                                      | 1   |     |              |                                             |     |
| 95  | 1604 3462 00 | PIPE CLAMP                                | 1   |     |              |                                             |     |

# OPTIONS

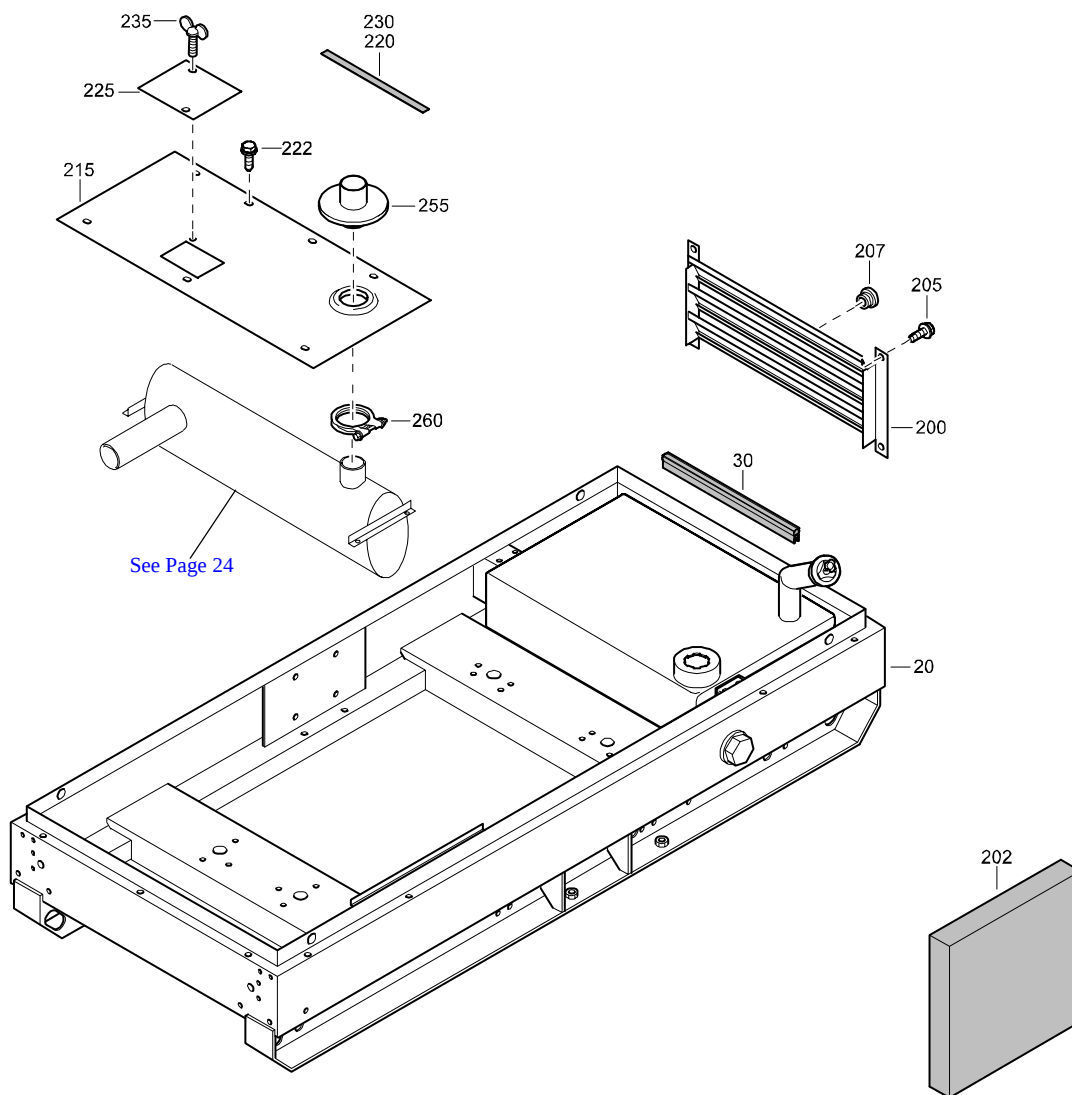
## EXTERNAL FUEL CONNECTION



| REF | PART NUMBER  | DESIGNATION     | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|-----------------|-----|-----|-------------|-------------|-----|
| 10  | 1615 9342 00 | SUPPORT         | 1   |     |             |             |     |
| 15  | 0266 2110 00 | HEXAGON NUT     | 4   |     |             |             |     |
| 20  | 0216 1957 57 | HEX SOCK. SCREW | 2   |     |             |             |     |
| 30  | 1615 8007 00 | 3-WAY VALVE     | 2   |     |             |             |     |
| 40  | 0571 0020 14 | HOSE NIPPLE     | 4   |     |             |             |     |
| 50  | 0653 1124 00 | FLAT GASKET     | 4   |     |             |             |     |
| 60  | 0686 3716 02 | HEXAGON PLUG    | 2   |     |             |             |     |
| 70  | 0653 1124 00 | FLAT GASKET     | 2   |     |             |             |     |
| 80  | 0075 4005 55 | FUEL HOSE       | AR  |     |             |             |     |
| 85  | 0075 4005 55 | FUEL HOSE       | AR  |     |             |             |     |
| 90  | 0347 6103 00 | HOSE CLAMP      | 4   |     |             |             |     |
| 100 | 1079 9922 77 | WARNING LABEL   | 1   |     |             |             |     |

## OPTIONS

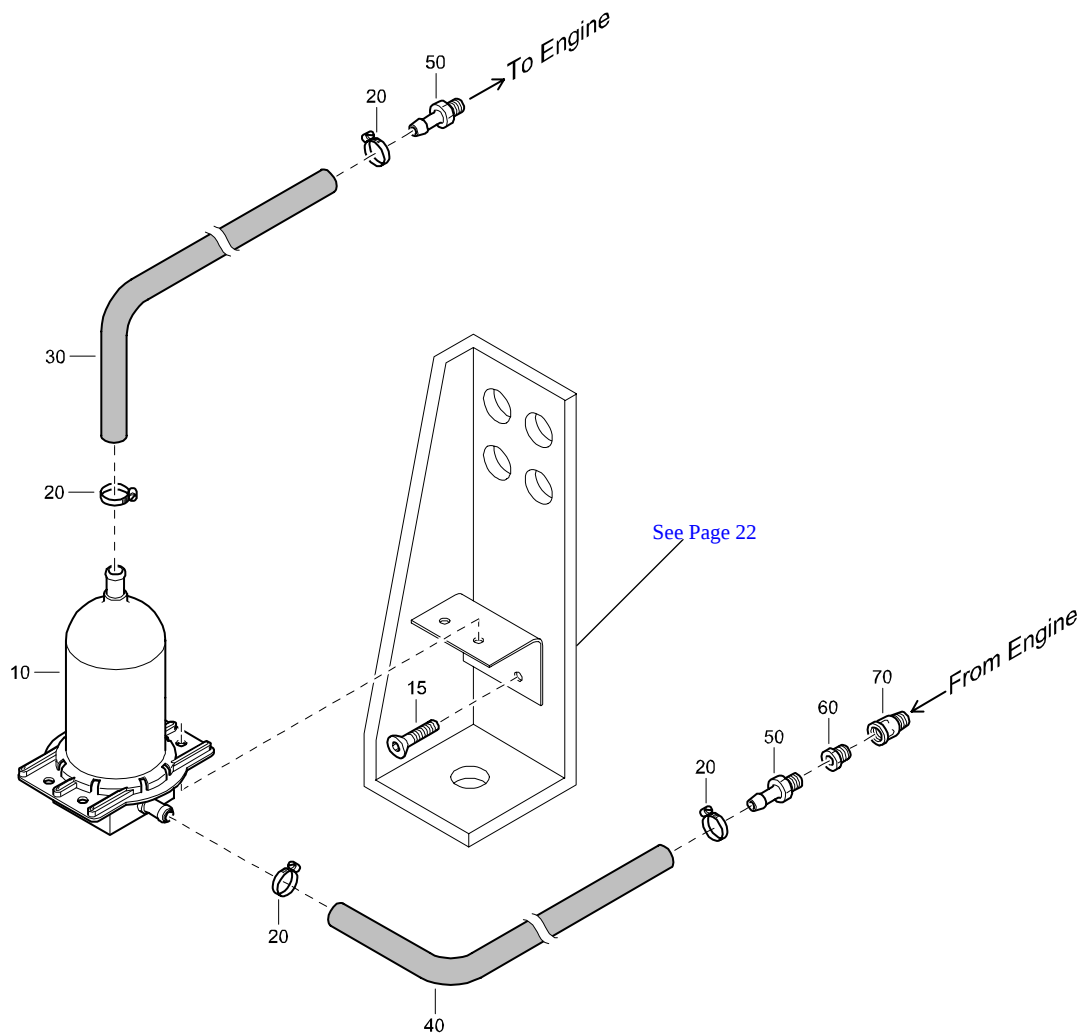
**SKID  
SPILLAGE FREE FOR USA**



| REF | PART NUMBER  | DESIGNATION               | QTY | REF | PART NUMBER  | DESIGNATION               | QTY |
|-----|--------------|---------------------------|-----|-----|--------------|---------------------------|-----|
| 20  | 1615 9041 87 | FRAME                     | 1   |     |              |                           |     |
|     |              | (For details see page 68) |     |     |              |                           |     |
| 30  | 1202 6584 00 | SEAL                      | AR  |     |              |                           |     |
| 200 | 1615 9771 00 | BAFFLE                    | 1   | -   | 1079 0003 32 | SILENCING FOAM            |     |
| 202 | -            | SILENCING FOAM (30 mm)    | 3   |     |              | 2000 mm x 1500 mm x 30 mm |     |
| 205 | 1619 2766 00 | HEX. HEAD SREW            | 4   |     |              |                           |     |
| 207 | 1615 9743 00 | PLUG                      | 2   |     |              |                           |     |
| 215 | 1615 9052 01 | PLATE(ROOF)               | 1   |     |              |                           |     |
| 220 | 1615 7057 00 | SEAL                      | AR  |     |              |                           |     |
| 222 | 1615 5664 00 | HEX. HEAD SCREW           | 7   |     |              |                           |     |
| 223 | 1619 2766 00 | HEX. HEAD SREW            | 7   |     |              |                           |     |
| 225 | 1615 9058 01 | COVER                     | 1   |     |              |                           |     |
| 230 | 1615 7057 00 | SEAL                      | AR  |     |              |                           |     |
| 235 | 0223 1957 11 | WING SCREW                | 2   |     |              |                           |     |
| 255 | 1615 9125 02 | PIPE                      | 1   |     |              |                           |     |
| 260 | 1604 3462 00 | PIPE CLAMP                | 1   |     |              |                           |     |

# OPTIONS

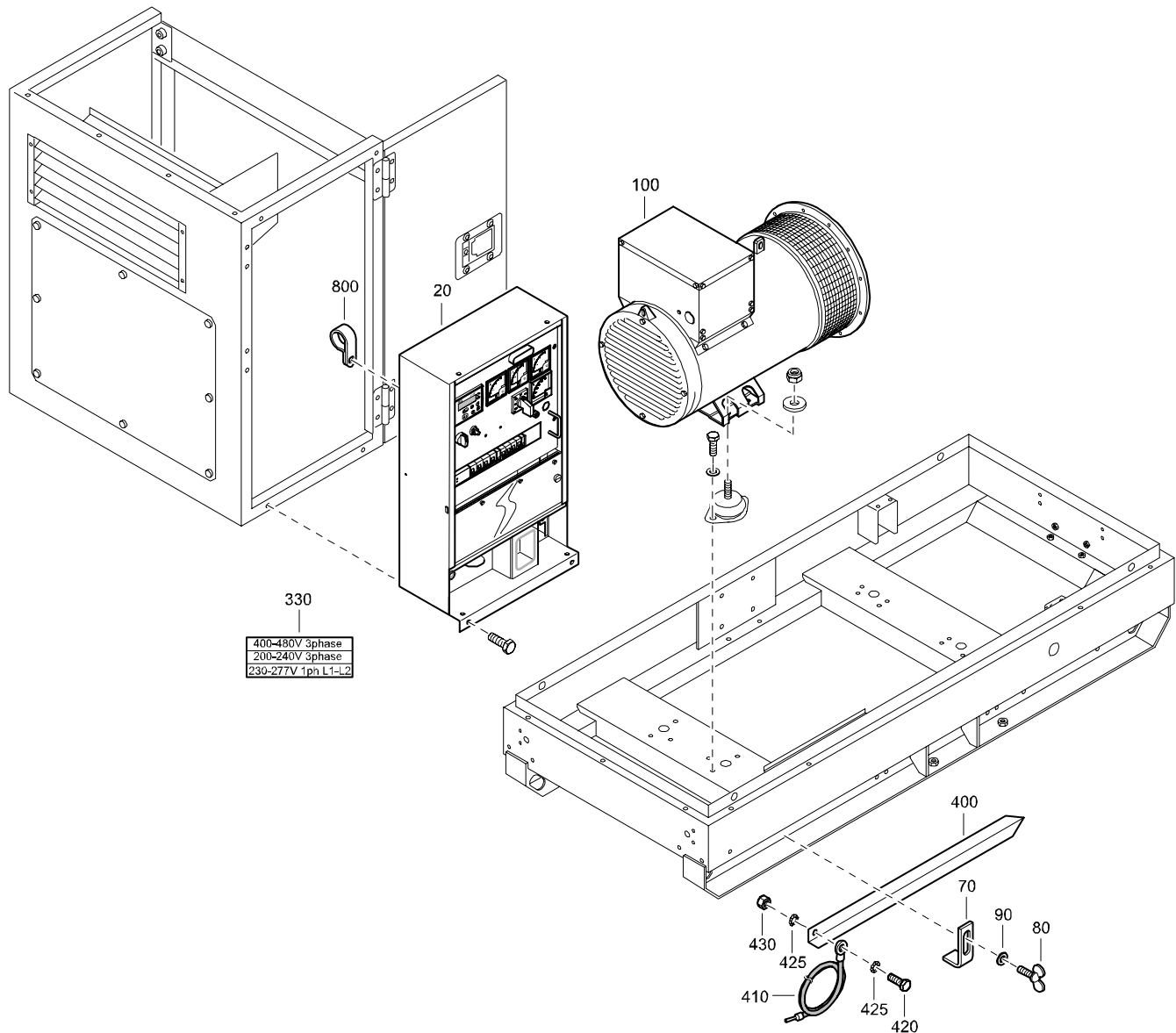
## ENGINE COOLANT HEATER



| REF | PART NUMBER  | DESIGNATION     | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|-----------------|-----|-----|-------------|-------------|-----|
| 10  | 1089 9403 01 | COOLANT HEATER  | 1   |     |             |             |     |
| 15  | 0216 1247 03 | HEX SOCK. SCREW | 2   |     |             |             |     |
| 20  | 0347 6106 00 | HOSE CLAMP      | 4   |     |             |             |     |
| 30  | 0072 8403 16 | HOSE            | AR  |     |             |             |     |
| 40  | 0072 8403 16 | HOSE            | AR  |     |             |             |     |
| 50  | 9000 0244 00 | HOSE NIPPLE     | 2   |     |             |             |     |
| 60  | 0605 8514 00 | BUSHING         | 1   |     |             |             |     |
| 70  | 0607 5109 00 | REDUCING SOCKET | 1   |     |             |             |     |

## OPTIONS

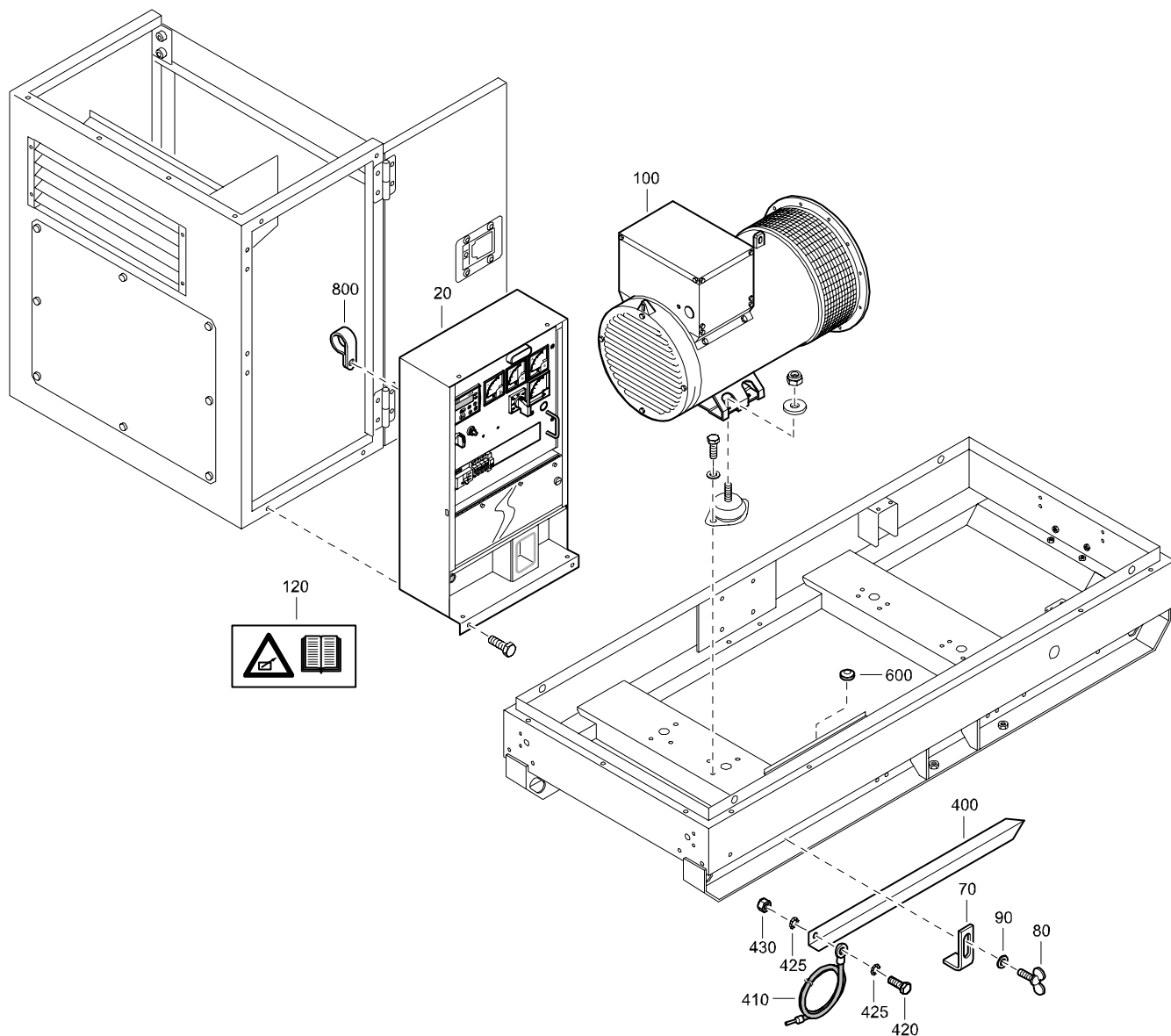
### CUBICLE AND ACCESSORIES FOR GENERATOR WITH 3V, 60HZ OUTPUT AND REMOTE START



| REF | PART NUMBER  | DESIGNATION                                   | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|-----------------------------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1900 1022 77 | CUBICLE<br>(For details see page 77)          | 1   |     |             |             |     |
| 70  | 1615 7297 01 | BRACKET                                       | 1   |     |             |             |     |
| 80  | 0223 1957 07 | WING SCREW                                    | 1   |     |             |             |     |
| 90  | 0301 2335 00 | PLAIN WASHER                                  | 2   |     |             |             |     |
| 100 | 1615 9526 82 | ALTERNATOR ASS'Y<br>(For details see page 69) | 1   |     |             |             |     |
| 330 | 1079 9909 19 | LABEL                                         | 1   |     |             |             |     |
| 400 | 1089 9358 04 | EARTH PIN                                     | 1   |     |             |             |     |
| 410 | 1615 9504 00 | WIRE ASS'Y                                    | 1   |     |             |             |     |
| 420 | 0147 1323 03 | HEX. HEAD SCREW                               | 1   |     |             |             |     |
| 425 | 0333 3227 00 | LOCK WASHER                                   | 2   |     |             |             |     |
| 430 | 0266 2110 00 | HEXAGON NUT                                   | 1   |     |             |             |     |
| 800 | 1613 0804 02 | PIPE CLAMP                                    | 1   |     |             |             |     |

# OPTIONS

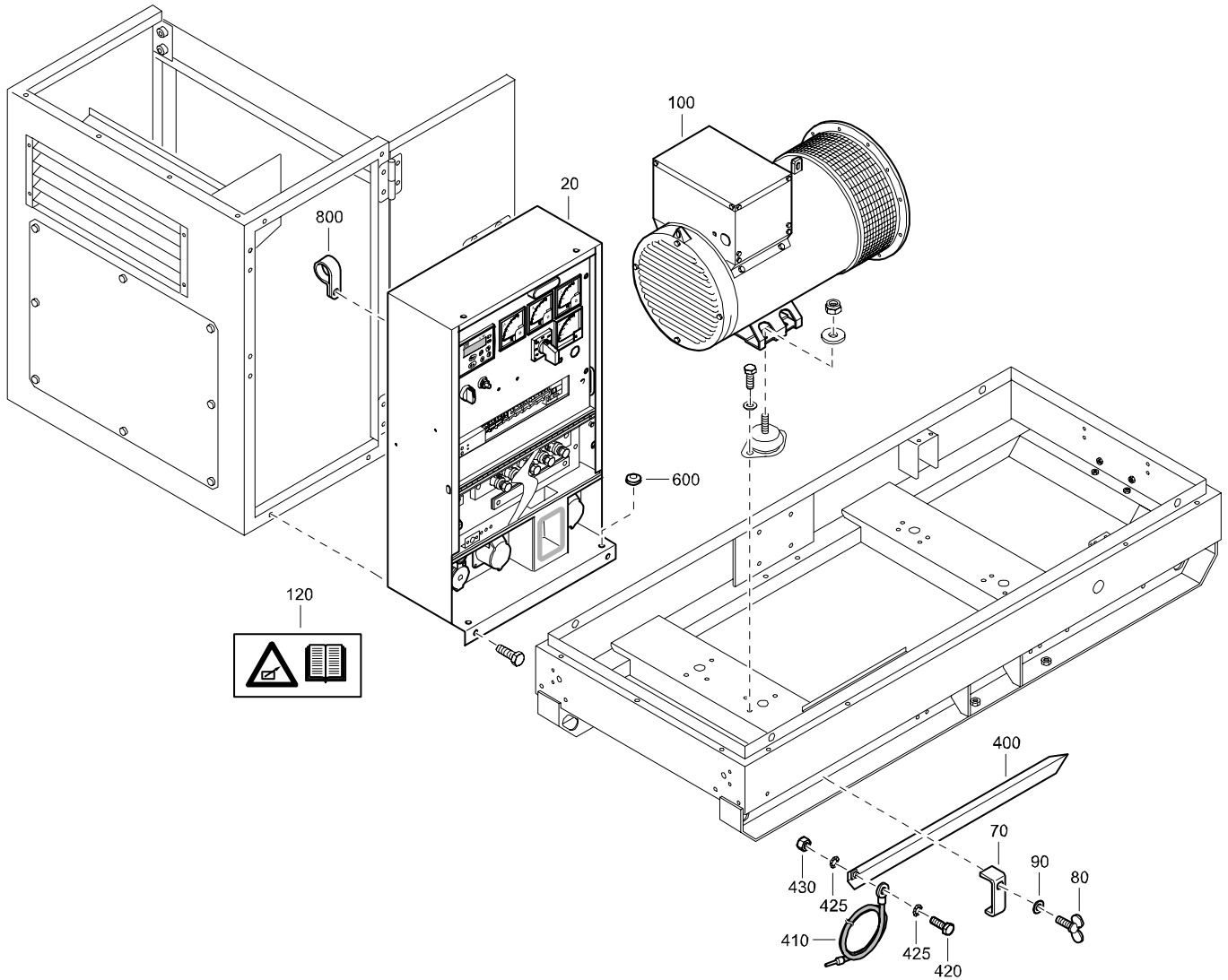
## CUBICLE AND ACCESSORIES FOR GENERATOR WITH REMOTE START



| REF | PART NUMBER  | DESIGNATION                          | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1900 1022 63 | CUBICLE<br>(For details see page 74) | 1   |     |             |             |     |
| 70  | 1615 7297 01 | BRACKET                              | 1   |     |             |             |     |
| 80  | 0223 1957 07 | WING SCREW                           | 1   |     |             |             |     |
| 90  | 0301 2335 00 | PLAIN WASHER                         | 1   |     |             |             |     |
| 100 | 1082 3052 23 | ALTERNATOR                           | 1   |     |             |             |     |
| 120 | 1079 9902 63 | WARNING LABEL                        | 1   |     |             |             |     |
| 400 | 1089 9358 04 | EARTH PIN                            | 1   |     |             |             |     |
| 410 | 1615 9503 00 | WIRE ASS'Y                           | 1   |     |             |             |     |
| 420 | 0147 1323 03 | HEX. HEAD SCREW                      | 1   |     |             |             |     |
| 425 | 0333 3227 00 | LOCK WASHER                          | 2   |     |             |             |     |
| 430 | 0266 2110 00 | HEXAGON NUT                          | 1   |     |             |             |     |
| 600 | 1604 1046 00 | PLUG                                 | 2   |     |             |             |     |
| 800 | 1613 0804 02 | PIPE CLAMP                           | 1   |     |             |             |     |

# OPTIONS

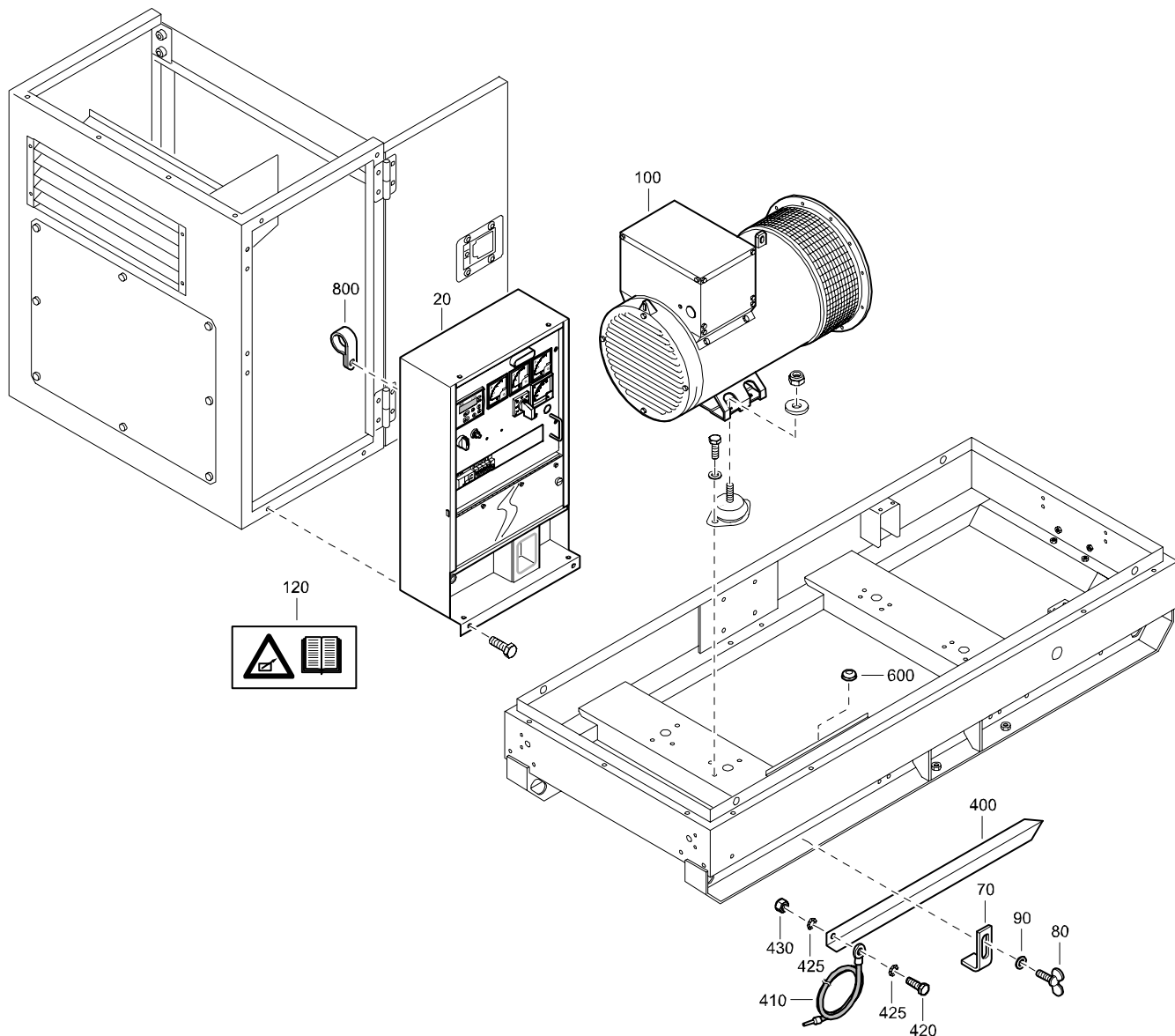
## CUBICLE AND ACCESSORIES FOR GENERATOR WITH REMOTE START AND OVER & UNDERVOLTAGE RELAY



| REF | PART NUMBER  | DESIGNATION                          | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1900 1022 68 | CUBICLE<br>(For details see page 76) | 1   |     |             |             |     |
| 70  | 1615 7297 01 | BRACKET                              | 1   |     |             |             |     |
| 80  | 0223 1957 07 | WING SCREW                           | 1   |     |             |             |     |
| 90  | 0301 2335 00 | PLAIN WASHER                         | 1   |     |             |             |     |
| 100 | 1082 3052 23 | ALTERNATOR                           | 1   |     |             |             |     |
| 120 | 1079 9902 63 | WARNING LABEL                        | 1   |     |             |             |     |
| 400 | 1089 9358 04 | EARTH PIN                            | 1   |     |             |             |     |
| 410 | 1615 9503 00 | WIRE ASS'Y                           | 1   |     |             |             |     |
| 420 | 0147 1323 03 | HEX. HEAD SCREW                      | 1   |     |             |             |     |
| 425 | 0333 3227 00 | LOCK WASHER                          | 2   |     |             |             |     |
| 430 | 0266 2110 00 | HEXAGON NUT                          | 1   |     |             |             |     |
| 600 | 1604 1046 00 | PLUG                                 | 2   |     |             |             |     |
| 800 | 1613 0804 02 | PIPE CLAMP                           | 1   |     |             |             |     |

# OPTIONS

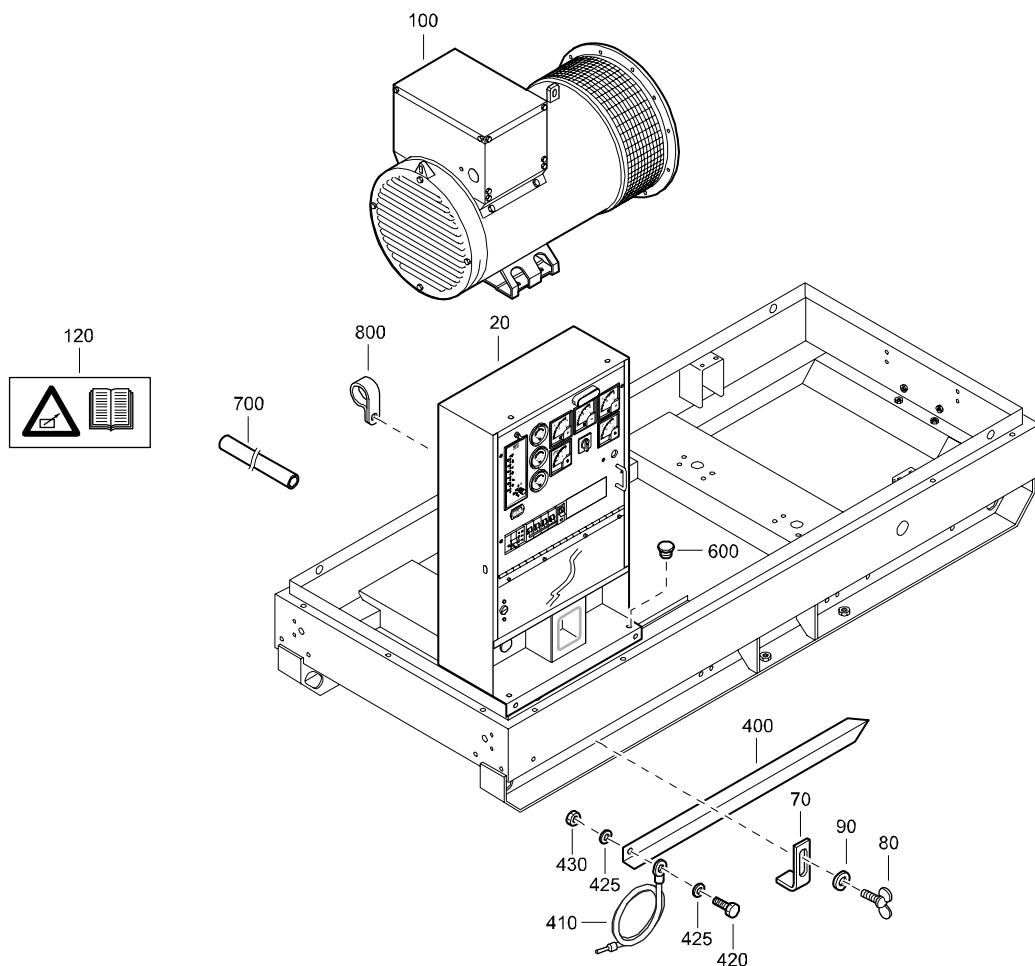
## CUBICLE AND ACCESSORIES FOR GENERATOR WITH REMOTE START



| REF | PART NUMBER  | DESIGNATION                          | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1900 1022 43 | CUBICLE<br>(For details see page 72) | 1   |     |             |             |     |
| 70  | 1615 7297 01 | BRACKET                              | 1   |     |             |             |     |
| 80  | 0223 1957 07 | WING SCREW                           | 1   |     |             |             |     |
| 90  | 0301 2335 00 | PLAIN WASHER                         | 1   |     |             |             |     |
| 100 | 1082 3052 23 | ALTERNATOR                           | 1   |     |             |             |     |
| 120 | 1079 9902 63 | WARNING LABEL                        | 1   |     |             |             |     |
| 400 | 1089 9358 04 | EARTH PIN                            | 1   |     |             |             |     |
| 410 | 1615 9503 00 | WIRE ASS'Y                           | 1   |     |             |             |     |
| 420 | 0147 1323 03 | HEX. HEAD SCREW                      | 1   |     |             |             |     |
| 425 | 0333 3227 00 | LOCK WASHER                          | 2   |     |             |             |     |
| 430 | 0266 2110 00 | HEXAGON NUT                          | 1   |     |             |             |     |
| 600 | 1604 1046 00 | PLUG                                 | 2   |     |             |             |     |
| 800 | 1613 0804 02 | PIPE CLAMP                           | 1   |     |             |             |     |

# OPTIONS

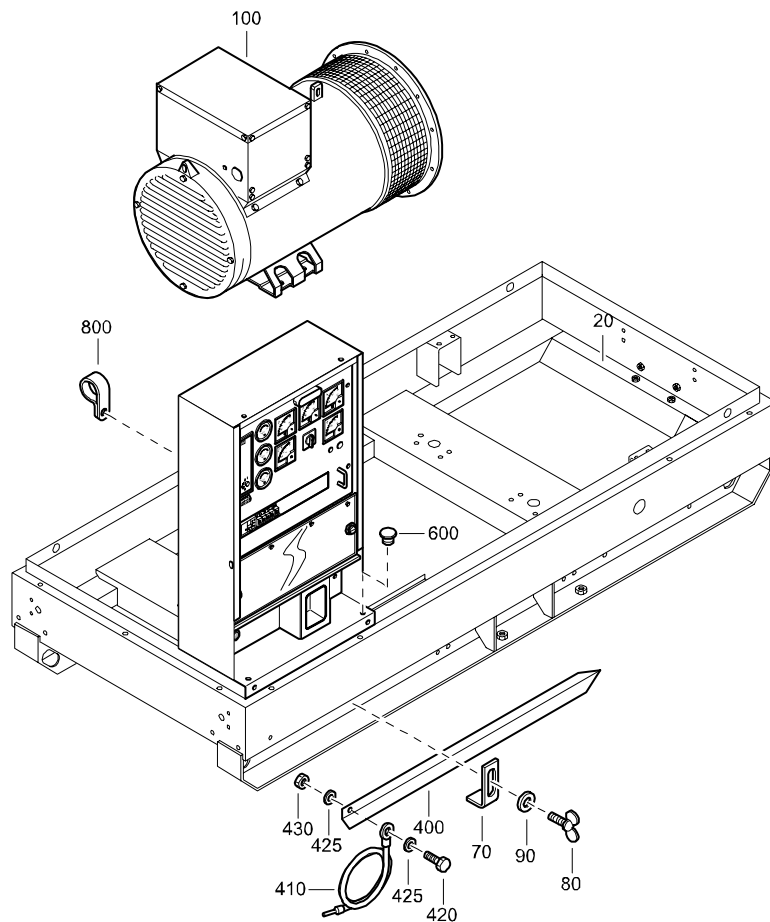
## CUBICLE AND ACCESSORIES FOR GENERATOR WITH AUTOMATIC MAINS FAILURE



| REF | PART NUMBER  | DESIGNATION                          | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1900 1012 45 | CUBICLE<br>(For details see page 70) | 1   |     |             |             |     |
| 70  | 1615 7297 01 | BRACKET                              | 1   |     |             |             |     |
| 80  | 0223 1957 07 | WING SCREW                           | 1   |     |             |             |     |
| 90  | 0301 2335 00 | PLAIN WASHER                         | 1   |     |             |             |     |
| 100 | 1082 3052 23 | ALTERNATOR                           | 1   |     |             |             |     |
| 120 | 1079 9902 63 | WARNING LABEL                        | 1   |     |             |             |     |
| 400 | 1089 9358 04 | EARTH PIN                            | 1   |     |             |             |     |
| 410 | 1615 9503 00 | WIRE ASS'Y                           | 1   |     |             |             |     |
| 420 | 0147 1323 03 | HEX. HEAD SCREW                      | 1   |     |             |             |     |
| 425 | 0333 3227 00 | LOCK WASHER                          | 2   |     |             |             |     |
| 430 | 0266 2110 00 | HEXAGON NUT                          | 1   |     |             |             |     |
| 600 | 1604 1046 00 | PLUG                                 | 2   |     |             |             |     |
| 700 | 1088 1501 12 | SHRINKING HOSE                       | AR  |     |             |             |     |
| 800 | 1613 0804 02 | PIPE CLAMP                           | 1   |     |             |             |     |

# OPTIONS

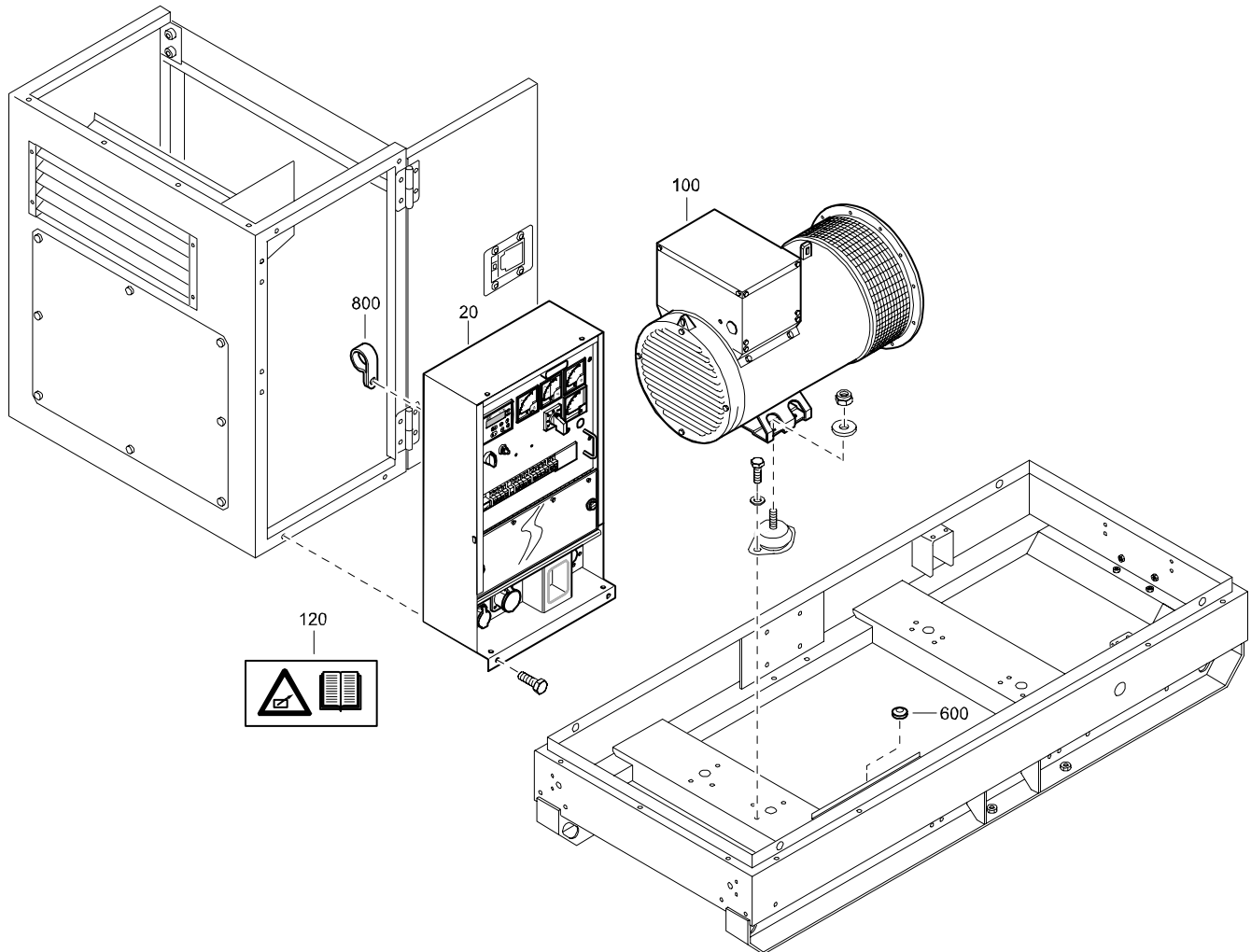
## CUBICLE AND ACCESSORIES



| REF | PART NUMBER  | DESIGNATION                          | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1900 1012 65 | CUBICLE<br>(For details see page 71) | 1   |     |             |             |     |
| 70  | 1615 7297 01 | BRACKET                              | 1   |     |             |             |     |
| 80  | 0223 1957 07 | WING SCREW                           | 1   |     |             |             |     |
| 90  | 0301 2335 00 | PLAIN WASHER                         | 1   |     |             |             |     |
| 100 | 1082 3052 23 | ALTERNATOR                           | 1   |     |             |             |     |
| 120 | 1079 9902 63 | WARNING LABEL                        | 1   |     |             |             |     |
| 400 | 1089 9358 04 | EARTH PIN                            | 1   |     |             |             |     |
| 410 | 1615 9503 00 | WIRE ASS'Y                           | 1   |     |             |             |     |
| 420 | 0147 1323 03 | HEX. HEAD SCREW                      | 1   |     |             |             |     |
| 425 | 0333 3227 00 | LOCK WASHER                          | 2   |     |             |             |     |
| 430 | 0266 2110 00 | HEXAGON NUT                          | 1   |     |             |             |     |
| 600 | 1604 1046 00 | PLUG                                 | 2   |     |             |             |     |
| 700 | 1088 1501 12 | SHRINKING HOSE                       | AR  |     |             |             |     |
| 800 | 1613 0804 02 | PIPE CLAMP                           | 1   |     |             |             |     |

# OPTIONS

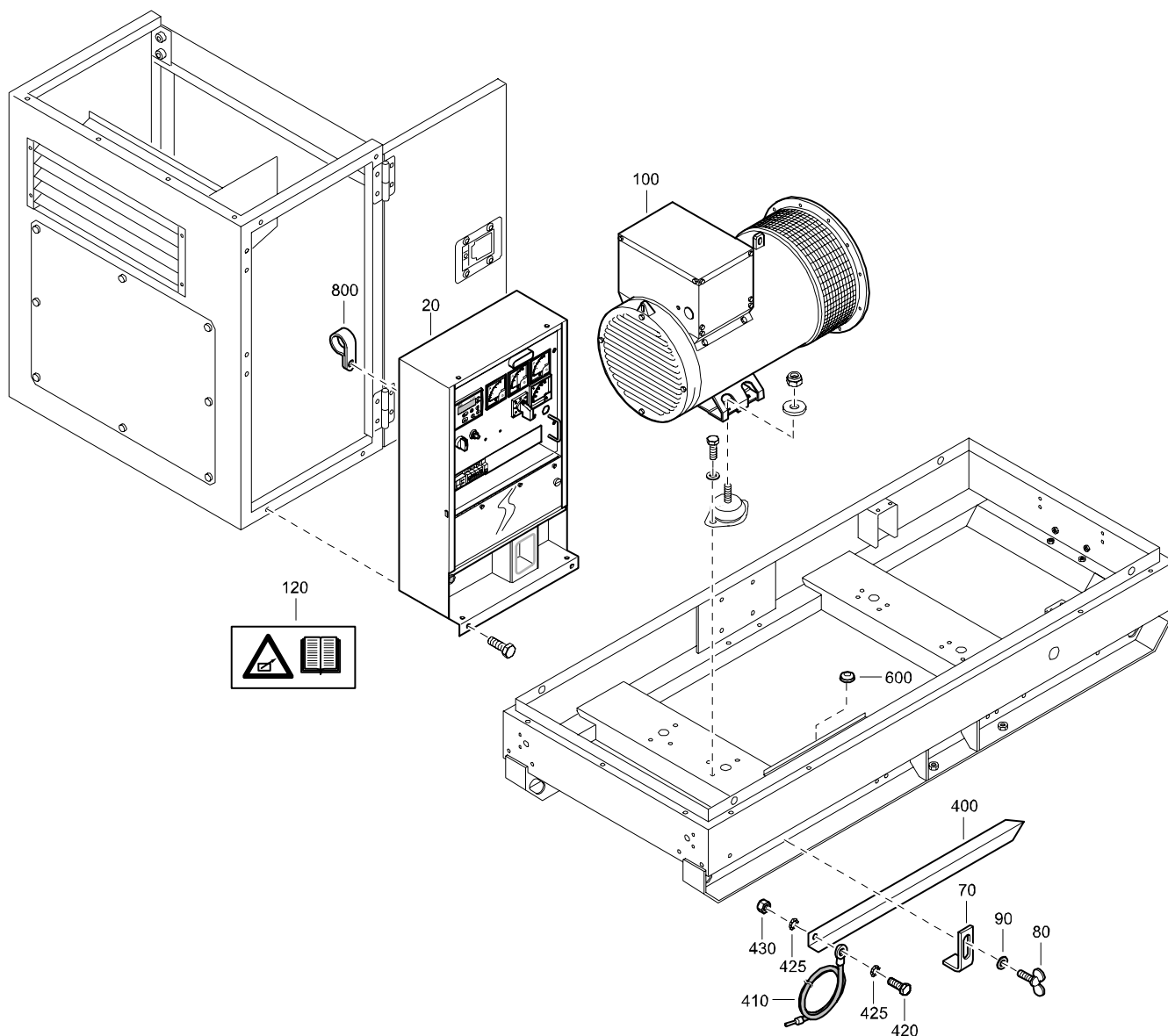
## CUBICLE AND ACCESSORIES FOR GENERATOR WITH REMOTE START AND IT SYSTEM



| REF | PART NUMBER  | DESIGNATION                          | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1900 1022 64 | CUBICLE<br>(For details see page 75) | 1   |     |             |             |     |
| 100 | 1082 3052 23 | ALTERNATOR                           | 1   |     |             |             |     |
| 120 | 1079 9902 63 | WARNING LABEL                        | 1   |     |             |             |     |
| 600 | 1604 1046 00 | PLUG                                 | 2   |     |             |             |     |
| 800 | 1613 0804 02 | PIPE CLAMP                           | 1   |     |             |             |     |

# OPTIONS

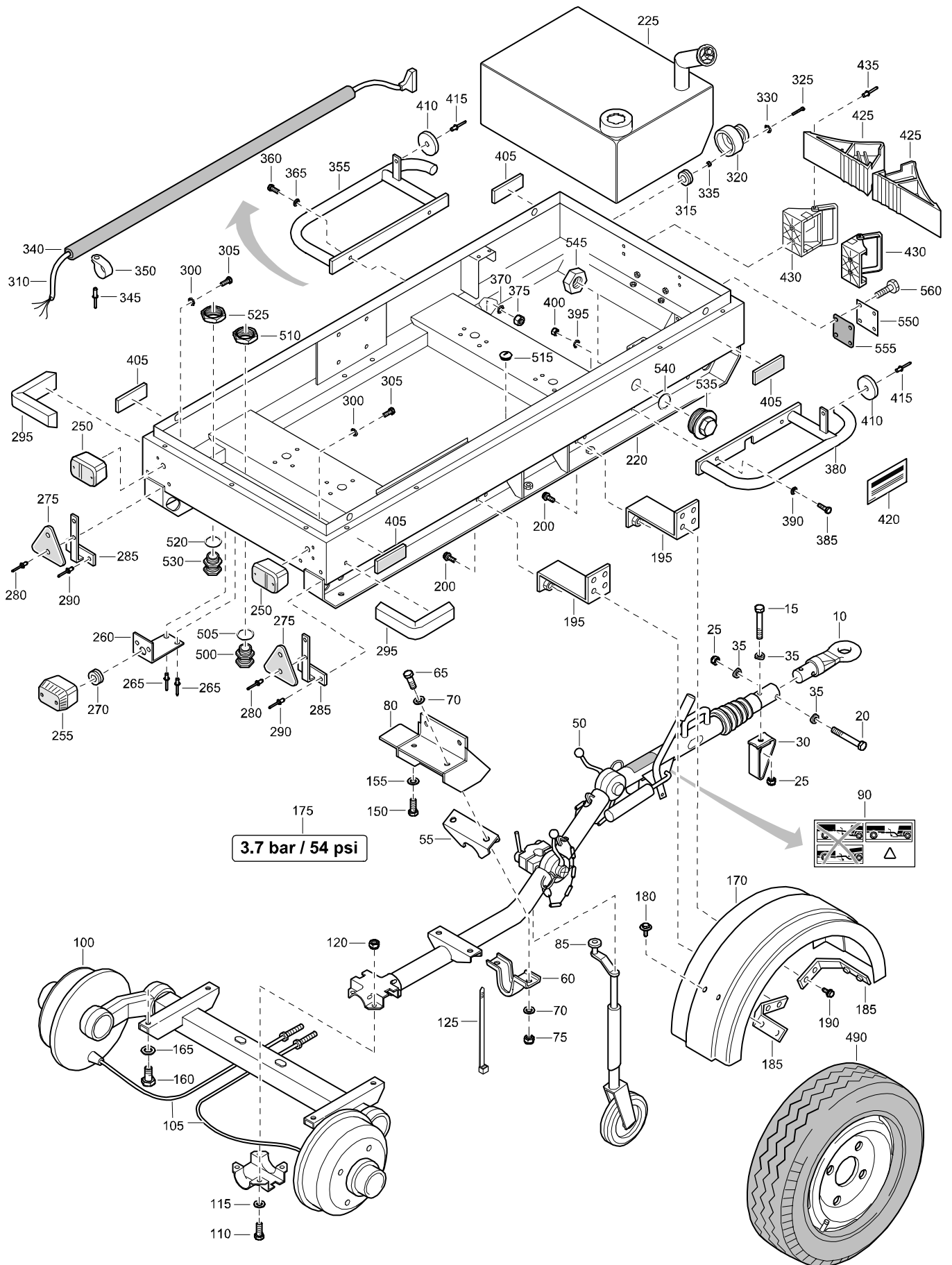
## CUBICLE AND ACCESSORIES FOR GENERATOR WITH REMOTE START AND OVER & UNDERVOLTAGE RELAY



| REF | PART NUMBER  | DESIGNATION                          | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------------------|-----|-----|-------------|-------------|-----|
| 20  | 1900 1022 48 | CUBICLE<br>(For details see page 73) | 1   |     |             |             |     |
| 70  | 1615 7297 01 | BRACKET                              | 1   |     |             |             |     |
| 80  | 0223 1957 07 | WING SCREW                           | 1   |     |             |             |     |
| 90  | 0301 2335 00 | PLAIN WASHER                         | 1   |     |             |             |     |
| 100 | 1082 3052 23 | ALTERNATOR                           | 1   |     |             |             |     |
| 120 | 1079 9902 63 | WARNING LABEL                        | 1   |     |             |             |     |
| 400 | 1089 9358 04 | EARTH PIN                            | 1   |     |             |             |     |
| 410 | 1615 9503 00 | WIRE ASS'Y                           | 1   |     |             |             |     |
| 420 | 0147 1323 03 | HEX. HEAD SCREW                      | 1   |     |             |             |     |
| 425 | 0333 3227 00 | LOCK WASHER                          | 2   |     |             |             |     |
| 430 | 0266 2110 00 | HEXAGON NUT                          | 1   |     |             |             |     |
| 600 | 1604 1046 00 | PLUG                                 | 2   |     |             |             |     |
| 800 | 1613 0804 02 | PIPE CLAMP                           | 1   |     |             |             |     |

# OPTIONS

## UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND DIN EYE



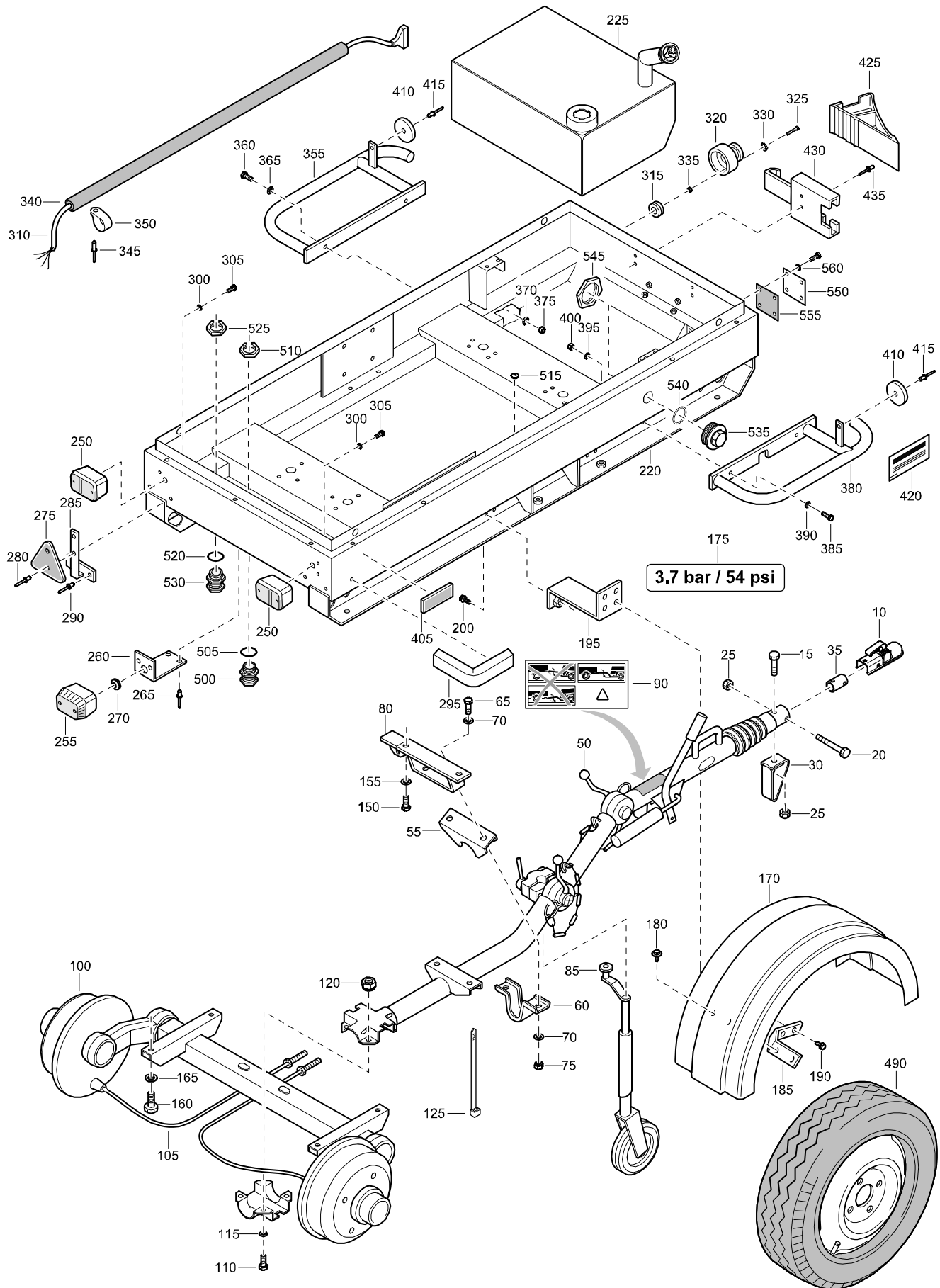
# OPTIONS

## UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND DIN EYE

| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION               | QTY |
|------|--------------|---------------------------|----------------|------|--------------|---------------------------|-----|
| -    | 1604 7408 80 | UNDERCARRIAGE             | (From page 42) | •425 | 1613 5439 00 | WHEELCHOCK                | 2   |
| •10  | 1614 4392 00 | DIN EYE                   | 1              | •430 | 1613 5440 00 | BRACKET                   | 2   |
| •15  | 1202 9844 02 | BOLT                      | 1              | •435 | 0129 3177 00 | BLIND RIVET               | 4   |
| •20  | 1202 9844 03 | BOLT                      | 1              | •490 | 1615 9759 80 | TYRE ASSY 165R14          | 2   |
| •25  | 0291 1185 13 | LOCKNUT                   | 2              |      |              | (For details see page 80) |     |
| •30  | 1619 7213 00 | SUPPORT                   | 1              | •500 | 0698 5140 48 | CABLE GLAND               | 1   |
| •35  | 1202 9845 00 | WASHER                    | 3              | •505 | 0663 9104 00 | O-RING                    | 1   |
| •50  | 1615 7367 00 | TOWBAR                    | 1              | •510 | 1088 0302 05 | NUT                       | 1   |
|      |              | (For details see page 79) |                | •515 | 1088 0524 05 | PLUG                      | 2   |
| •55  | 1202 8958 00 | SUPPORT                   | 1              | •520 | 0663 9104 00 | O-RING                    | 3   |
| •60  | 1202 8959 00 | CLAMP                     | 1              | •525 | 1088 0302 05 | NUT                       | 3   |
| •65  | 0147 1402 15 | HEX. HEAD SCREW           | 2              | •530 | 1088 0256 14 | CABLE GLAND               | 1   |
| •70  | 0301 2358 00 | PLAIN WASHER              | 4              | •535 | 0686 3716 29 | HEXAGON PLUG              | 1   |
| •75  | 0291 1112 00 | LOCKNUT                   | 2              | •540 | 0663 6136 00 | O-RING                    | 1   |
| •80  | 1615 7335 00 | SUPPORT                   | 1              | •545 | 0623 2100 09 | BACKNUT                   | 1   |
| •85  | 1619 7301 00 | SUPPORT WHEEL             | 1              | •550 | 1615 9059 00 | PLATE                     | 1   |
| •90  | 1079 9902 00 | WARNING LABEL             | 1              | •555 | 1615 9064 00 | SEAL                      | 1   |
| •100 | 1615 7312 00 | AXLE                      | 1              | •560 | 0653 1033 00 | FLAT GASKET               | 4   |
|      |              | (For details see page 78) |                |      |              |                           |     |
| •105 | 1615 4778 03 | BRAKE CABLE               | 2              |      |              |                           |     |
| •110 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •115 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •120 | 0291 1112 00 | LOCKNUT                   | 4              |      |              |                           |     |
| •125 | 1088 1301 03 | CABLE STRIP               | 1              |      |              |                           |     |
| •150 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •155 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •160 | 0147 1475 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •165 | 0301 2378 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •170 | 1615 6537 00 | MUDGUARD                  | 2              |      |              |                           |     |
| •175 | 1079 9917 95 | INFORMATION LABEL         | 2              |      |              |                           |     |
| •180 | 1615 5664 00 | HEX. HEAD SCREW           | 8              |      |              |                           |     |
| •185 | 1615 6534 01 | BRACKET                   | 4              |      |              |                           |     |
| •190 | 1619 2766 00 | HEX. HEAD SCREW           | 8              |      |              |                           |     |
| •195 | 1615 7339 01 | SUPPORT                   | 4              |      |              |                           |     |
| •200 | 1619 2766 00 | HEX. HEAD SCREW           | 8              |      |              |                           |     |
| •220 | 1615 9041 04 | FRAME                     | 1              |      |              |                           |     |
| •225 | 1604 2102 81 | FUELTANK ASS'Y            | 1              |      |              |                           |     |
|      |              | (For details see page 35) |                |      |              |                           |     |
| •250 | 1615 6555 00 | TAIL LIGHT ASSY           | 2              |      |              |                           |     |
| •255 | 1615 6554 00 | FOG LIGHT ASSY            | 1              |      |              |                           |     |
| •260 | 1615 7337 00 | SUPPORT                   | 1              |      |              |                           |     |
| •265 | 0129 3175 00 | BLIND RIVET               | 2              |      |              |                           |     |
| •270 | 0698 0153 00 | GROMMET                   | 1              |      |              |                           |     |
| •275 | 1202 9402 01 | REFLECTOR                 | 2              |      |              |                           |     |
| •280 | 0129 3177 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •285 | 1615 7338 00 | SUPPORT                   | 2              |      |              |                           |     |
| •290 | 0129 3175 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •295 | 1615 7358 00 | BUMPER                    | 2              |      |              |                           |     |
| •300 | 0333 3227 00 | LOCK WASHER               | 6              |      |              |                           |     |
| •305 | 0147 1323 03 | HEX. HEAD SCREW           | 6              |      |              |                           |     |
| •310 | 1604 2015 00 | WIRE HARNESS              | 1              |      |              |                           |     |
| •315 | 0698 0153 00 | GROMMET                   | 1              |      |              |                           |     |
| •320 | 1089 0291 02 | APPLIANCE INLET           | 1              |      |              |                           |     |
| •325 | 0160 6066 00 | SLOTTED SCREW             | 3              |      |              |                           |     |
| •330 | 0333 3215 00 | LOCK WASHER               | 3              |      |              |                           |     |
| •335 | 0266 2107 00 | HEXAGON NUT               | 3              |      |              |                           |     |
| •340 | 1615 7364 00 | TUBE                      | 1              |      |              |                           |     |
| 345  | 0129 3111 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •350 | 1079 3461 02 | HOSE CLIP                 | 4              |      |              |                           |     |
| •355 | 1615 7340 00 | PROTECTION                | 1              |      |              |                           |     |
| •360 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •365 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |                           |     |
| •370 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |                           |     |
| •375 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |                           |     |
| •380 | 1615 7341 01 | PROTECTION                | 1              |      |              |                           |     |
| •385 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •390 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |                           |     |
| •395 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |                           |     |
| •400 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |                           |     |
| •405 | 1615 6882 00 | REFLECTOR                 | 4              |      |              |                           |     |
| •410 | 1202 9403 00 | REFLECTOR                 | 2              |      |              |                           |     |
| •415 | 0129 3177 00 | BLIND RIVET               | 2              |      |              |                           |     |
| •420 | 1079 9902 51 | WARNING LABEL             | 1              |      |              |                           |     |

# OPTIONS

## UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND BALL COUPLING



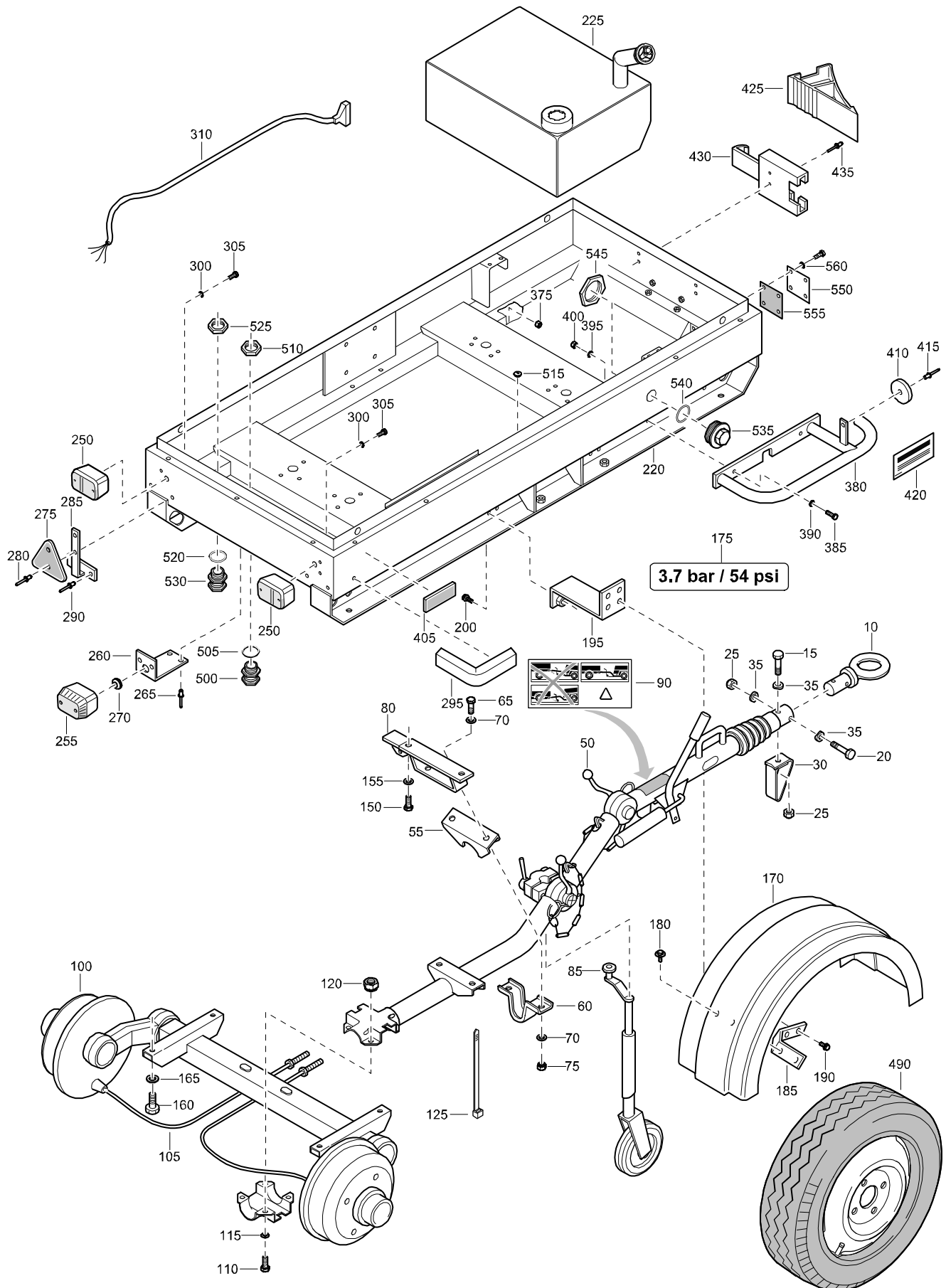
# OPTIONS

## UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND BALL COUPLING

| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION               | QTY |
|------|--------------|---------------------------|----------------|------|--------------|---------------------------|-----|
| -    | 1604 9144 80 | UNDERCARRIAGE             | (From page 44) | •425 | 1613 5439 00 | WHEELCHOCK                | 2   |
| •10  | 1619 6826 00 | BALL COUPLING             | 1              | •430 | 1613 5440 00 | BRACKET                   | 2   |
| •15  | 1202 9844 02 | BOLT                      | 1              | •435 | 0129 3177 00 | BLIND RIVET               | 4   |
| •20  | 1202 9844 05 | BOLT                      | 1              | •490 | 1615 9759 80 | TYRE ASSY 165R14          | 2   |
| •25  | 0291 1185 13 | LOCKNUT                   | 2              |      |              | (For details see page 80) |     |
| •30  | 1619 7213 00 | SUPPORT                   | 1              | •500 | 0698 5140 48 | CABLE GLAND               | 1   |
| •35  | 1202 9732 00 | BUSH                      | 1              | •505 | 0663 9104 00 | O-RING                    | 1   |
| •50  | 1615 7367 00 | TOWBAR                    | 1              | •510 | 1088 0302 05 | NUT                       | 1   |
|      |              | (For details see page 79) |                | •515 | 1088 0524 05 | PLUG                      | 2   |
| •55  | 1202 8958 00 | SUPPORT                   | 1              | •520 | 0663 9104 00 | O-RING                    | 3   |
| •60  | 1202 8959 00 | CLAMP                     | 1              | •525 | 1088 0302 05 | NUT                       | 3   |
| •65  | 0147 1402 15 | HEX. HEAD SCREW           | 2              | •530 | 1088 0256 14 | CABLE GLAND               | 1   |
| •70  | 0301 2358 00 | PLAIN WASHER              | 4              | •535 | 0686 3716 29 | HEXAGON PLUG              | 1   |
| •75  | 0291 1112 00 | LOCKNUT                   | 2              | •540 | 0663 6136 00 | O-RING                    | 1   |
| •80  | 1615 7335 00 | SUPPORT                   | 1              | •545 | 0623 2100 09 | BACKNUT                   | 1   |
| •85  | 1619 7301 00 | SUPPORT WHEEL             | 1              | •550 | 1615 9059 00 | PLATE                     | 1   |
| •90  | 1079 9902 00 | WARNING LABEL             | 1              | •555 | 1615 9064 00 | SEAL                      | 1   |
| •100 | 1615 7312 00 | AXLE                      | 1              | •560 | 0653 1033 00 | FLAT GASKET               | 4   |
|      |              | (For details see page 78) |                |      |              |                           |     |
| •105 | 1615 4778 03 | BRAKE CABLE               | 2              |      |              |                           |     |
| •110 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •115 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •120 | 0291 1112 00 | LOCKNUT                   | 4              |      |              |                           |     |
| •125 | 1088 1301 03 | CABLE STRIP               | 1              |      |              |                           |     |
| •150 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •155 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •160 | 0147 1475 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •165 | 0301 2378 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •170 | 1615 6537 00 | MUDGUARD                  | 2              |      |              |                           |     |
| •175 | 1079 9917 95 | INFORMATION LABEL         | 2              |      |              |                           |     |
| •180 | 1615 5664 00 | HEX. HEAD SCREW           | 8              |      |              |                           |     |
| •185 | 1615 6534 01 | BRACKET                   | 4              |      |              |                           |     |
| •190 | 1619 2766 00 | HEX. HEAD SCREW           | 8              |      |              |                           |     |
| •195 | 1615 7339 01 | SUPPORT                   | 4              |      |              |                           |     |
| •200 | 1619 2766 00 | HEX. HEAD SCREW           | 8              |      |              |                           |     |
| •220 | 1615 9041 04 | FRAME                     | 1              |      |              |                           |     |
| •225 | 1604 2102 81 | FUELTANK ASS'Y            | 1              |      |              |                           |     |
|      |              | (For details see page 35) |                |      |              |                           |     |
| •250 | 1615 6555 00 | TAIL LIGHT ASSY           | 2              |      |              |                           |     |
| •255 | 1615 6554 00 | FOG LIGHT ASSY            | 1              |      |              |                           |     |
| •260 | 1615 7337 00 | SUPPORT                   | 1              |      |              |                           |     |
| •265 | 0129 3175 00 | BLIND RIVET               | 2              |      |              |                           |     |
| •270 | 0698 0153 00 | GROMMET                   | 1              |      |              |                           |     |
| •275 | 1202 9402 01 | REFLECTOR                 | 2              |      |              |                           |     |
| •280 | 0129 3177 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •285 | 1615 7338 00 | SUPPORT                   | 2              |      |              |                           |     |
| •290 | 0129 3175 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •295 | 1615 7358 00 | BUMPER                    | 2              |      |              |                           |     |
| •300 | 0333 3227 00 | LOCK WASHER               | 6              |      |              |                           |     |
| •305 | 0147 1323 03 | HEX. HEAD SCREW           | 6              |      |              |                           |     |
| •310 | 1604 2015 00 | WIRE HARNESS              | 1              |      |              |                           |     |
| •315 | 0698 0153 00 | GROMMET                   | 1              |      |              |                           |     |
| •320 | 1089 0291 02 | APPLIANCE INLET           | 1              |      |              |                           |     |
| •325 | 0160 6066 00 | SLOTTED SCREW             | 3              |      |              |                           |     |
| •330 | 0333 3215 00 | LOCK WASHER               | 3              |      |              |                           |     |
| •335 | 0266 2107 00 | HEXAGON NUT               | 3              |      |              |                           |     |
| •340 | 1615 7364 00 | TUBE                      | 1              |      |              |                           |     |
| •345 | 0129 3111 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •350 | 1079 3461 02 | HOSE CLIP                 | 4              |      |              |                           |     |
| •355 | 1615 7340 00 | PROTECTION                | 1              |      |              |                           |     |
| •360 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •365 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |                           |     |
| •370 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |                           |     |
| •375 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |                           |     |
| •380 | 1615 7341 01 | PROTECTION                | 1              |      |              |                           |     |
| •385 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •390 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |                           |     |
| •395 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |                           |     |
| •400 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |                           |     |
| •405 | 1615 6882 00 | REFLECTOR                 | 4              |      |              |                           |     |
| •410 | 1202 9403 00 | REFLECTOR                 | 2              |      |              |                           |     |
| •415 | 0129 3177 00 | BLIND RIVET               | 2              |      |              |                           |     |
| •420 | 1079 9902 51 | WARNING LABEL             | 1              |      |              |                           |     |

# OPTIONS

## UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND AC EYE

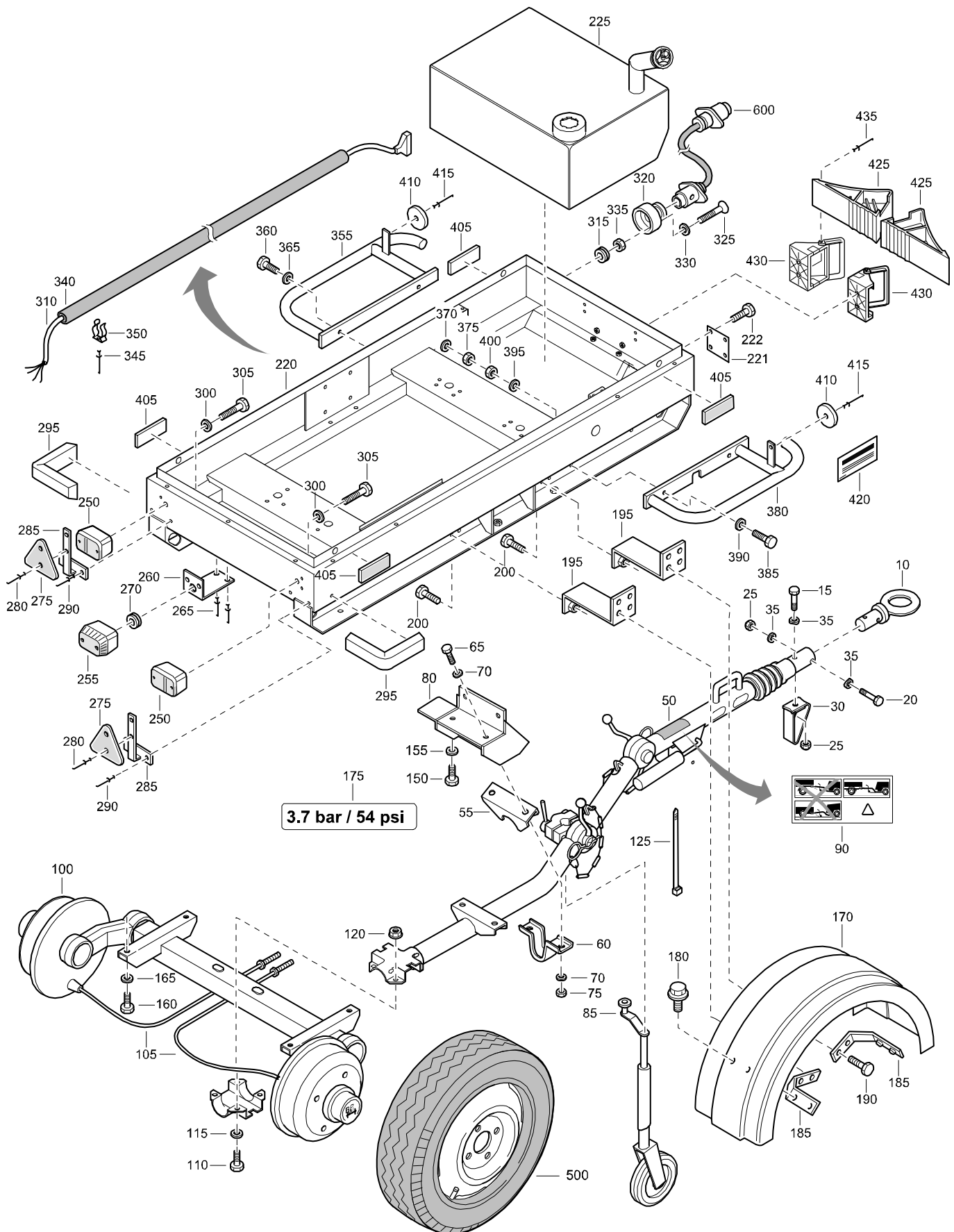


# OPTIONS

## UNDERCARRIAGE FOR GENERATOR WITH SPILLAGE FREE FRAME AND AC EYE

| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION  | QTY |
|------|--------------|---------------------------|----------------|------|--------------|--------------|-----|
| -    | 1604 9693 90 | UNDERCARRIAGE             | (From page 41) | •535 | 0686 3716 29 | HEXAGON PLUG | 1   |
| •10  | 1614 4368 00 | A.C. EYE                  | 1              | •540 | 0663 6136 00 | O-RING       | 1   |
| •15  | 1202 9844 02 | BOLT                      | 1              | •545 | 0623 2100 09 | BACKNUT      | 1   |
| •20  | 1202 9844 03 | BOLT                      | 1              | •550 | 1615 9059 00 | PLATE        | 1   |
| •25  | 0291 1185 13 | LOCKNUT                   | 2              | •555 | 1615 9064 00 | SEAL         | 1   |
| •30  | 1619 7213 00 | SUPPORT                   | 1              | •560 | 0653 1033 00 | FLAT GASKET  | 4   |
| •35  | 1202 9845 00 | WASHER                    | 3              |      |              |              |     |
| •50  | 1615 7367 00 | TOWBAR                    | 1              |      |              |              |     |
|      |              | (For details see page 79) |                |      |              |              |     |
| •55  | 1202 8958 00 | SUPPORT                   | 1              |      |              |              |     |
| •60  | 1202 8959 00 | CLAMP                     | 1              |      |              |              |     |
| •65  | 0147 1402 15 | HEX. HEAD SCREW           | 2              |      |              |              |     |
| •70  | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |              |     |
| •75  | 0291 1112 00 | LOCKNUT                   | 2              |      |              |              |     |
| •80  | 1615 7335 00 | SUPPORT                   | 1              |      |              |              |     |
| •85  | 1619 7301 00 | SUPPORT WHEEL             | 1              |      |              |              |     |
| •90  | 1079 9902 00 | WARNING LABEL             | 1              |      |              |              |     |
| •100 | 1615 7312 00 | AXLE                      | 1              |      |              |              |     |
|      |              | (For details see page 78) |                |      |              |              |     |
| •105 | 1615 4778 03 | BRAKE CABLE               | 2              |      |              |              |     |
| •110 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |              |     |
| •115 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |              |     |
| •120 | 0291 1112 00 | LOCKNUT                   | 4              |      |              |              |     |
| •125 | 1088 1301 03 | CABLE STRIP               | 1              |      |              |              |     |
| •150 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |              |     |
| •155 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |              |     |
| •160 | 0147 1475 15 | HEX. HEAD SCREW           | 4              |      |              |              |     |
| •165 | 0301 2378 00 | PLAIN WASHER              | 4              |      |              |              |     |
| •170 | 1615 6537 00 | MUDGUARD                  | 2              |      |              |              |     |
| •175 | 1079 9917 95 | INFORMATION LABEL         | 2              |      |              |              |     |
| •180 | 1615 5664 00 | HEX. HEAD SCREW           | 8              |      |              |              |     |
| •185 | 1615 6534 01 | BRACKET                   | 4              |      |              |              |     |
| •190 | 1619 2766 00 | HEX. HEAD SREW            | 8              |      |              |              |     |
| •195 | 1615 7339 01 | SUPPORT                   | 4              |      |              |              |     |
| •200 | 1619 2766 00 | HEX. HEAD SREW            | 8              |      |              |              |     |
| •220 | 1615 9041 04 | FRAME                     | 1              |      |              |              |     |
| •225 | 1604 2102 81 | FUELTANK ASS'Y            | 1              |      |              |              |     |
|      |              | (For details see page 35) |                |      |              |              |     |
| •250 | 1615 6555 00 | TAIL LIGHT ASSY           | 2              |      |              |              |     |
| •255 | 1615 6554 00 | FOG LIGHT ASSY            | 1              |      |              |              |     |
| •260 | 1615 7337 00 | SUPPORT                   | 1              |      |              |              |     |
| •265 | 0129 3175 00 | BLIND RIVET               | 2              |      |              |              |     |
| •270 | 0698 0153 00 | GROMMET                   | 1              |      |              |              |     |
| •275 | 1202 9402 01 | REFLECTOR                 | 2              |      |              |              |     |
| •280 | 0129 3177 00 | BLIND RIVET               | 4              |      |              |              |     |
| •285 | 1615 7338 00 | SUPPORT                   | 2              |      |              |              |     |
| •290 | 0129 3175 00 | BLIND RIVET               | 4              |      |              |              |     |
| •295 | 1615 7358 00 | BUMPER                    | 2              |      |              |              |     |
| •300 | 0333 3227 00 | LOCK WASHER               | 6              |      |              |              |     |
| •305 | 0147 1323 03 | HEX. HEAD SCREW           | 6              |      |              |              |     |
| •310 | 1604 2015 00 | WIRE HARNESS              | 1              |      |              |              |     |
| •375 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |              |     |
| •380 | 1615 7341 01 | PROTECTION                | 1              |      |              |              |     |
| •385 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |              |     |
| •390 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |              |     |
| •395 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |              |     |
| •400 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |              |     |
| •405 | 1615 6882 00 | REFLECTOR                 | 4              |      |              |              |     |
| •410 | 1202 9403 00 | REFLECTOR                 | 2              |      |              |              |     |
| •415 | 0129 3177 00 | BLIND RIVET               | 2              |      |              |              |     |
| •420 | 1079 9902 51 | WARNING LABEL             | 1              |      |              |              |     |
| •425 | 1613 5439 00 | WHEELCHOCK                | 2              |      |              |              |     |
| •430 | 1613 5440 00 | BRACKET                   | 2              |      |              |              |     |
| •435 | 0129 3177 00 | BLIND RIVET               | 4              |      |              |              |     |
| •490 | 1615 9759 80 | TYRE ASSY 165R14          | 2              |      |              |              |     |
|      |              | (For details see page 80) |                |      |              |              |     |
| •500 | 0698 5140 48 | CABLE GLAND               | 1              |      |              |              |     |
| •505 | 0663 9104 00 | O-RING                    | 1              |      |              |              |     |
| •510 | 1088 0302 05 | NUT                       | 1              |      |              |              |     |
| •515 | 1088 0524 05 | PLUG                      | 2              |      |              |              |     |
| •520 | 0663 9104 00 | O-RING                    | 3              |      |              |              |     |
| •525 | 1088 0302 05 | NUT                       | 3              |      |              |              |     |
| •530 | 1088 0256 14 | CABLE GLAND               | 1              |      |              |              |     |

# **OPTIONS** **UNDERCARRIAGE** **WITH AC EYE** **FOR GENERATOR WITHOUT SPILLAGE FREE FRAME**

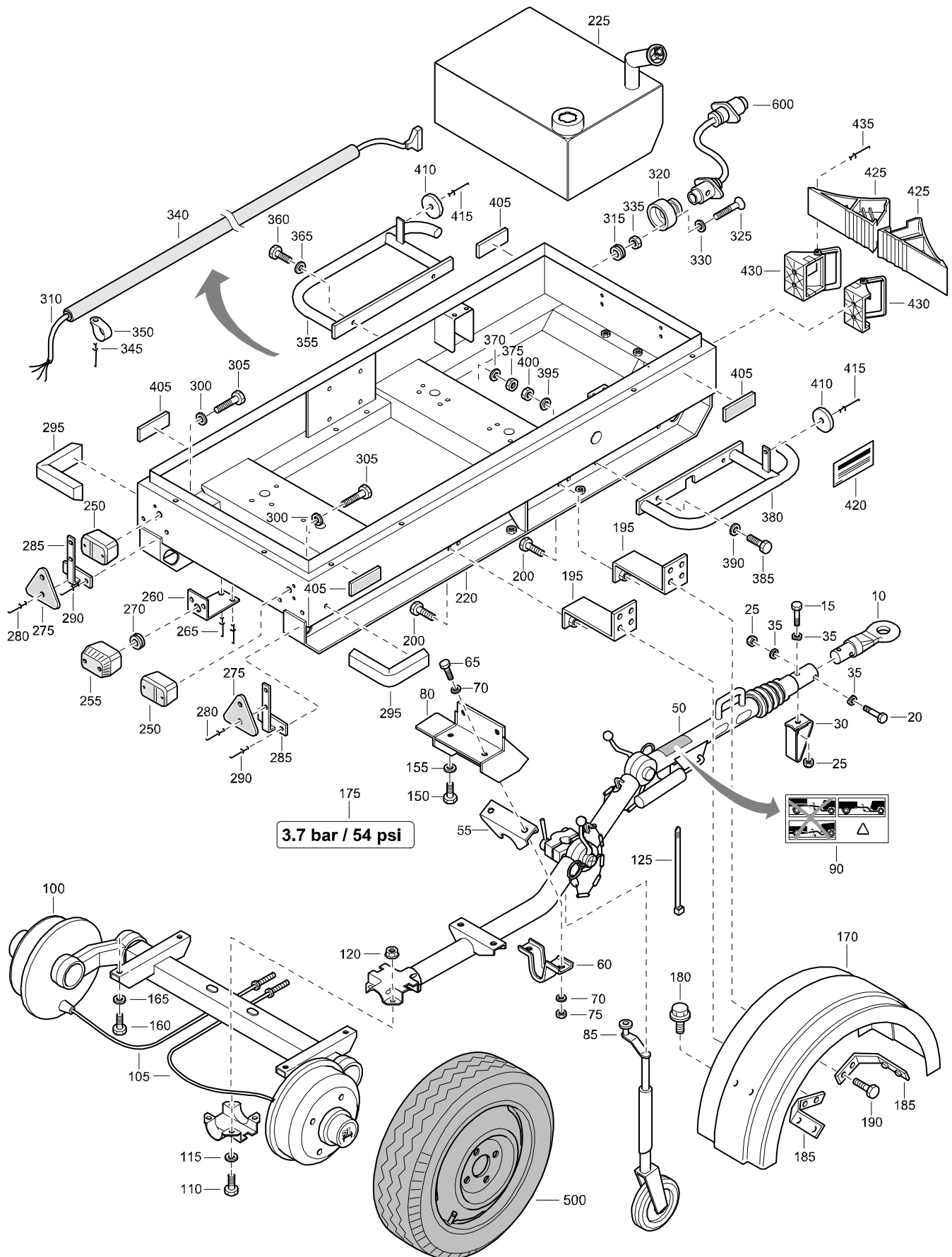


# OPTIONS

## UNDERCARRIAGE WITH AC EYE FOR GENERATOR WITHOUT SPILLAGE FREE FRAME

| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION               | QTY |
|------|--------------|---------------------------|----------------|------|--------------|---------------------------|-----|
| -    | 1615 9690 90 | UNDERCARRIAGE             | (From page 40) | •415 | 0129 3177 00 | BLIND RIVET               | 2   |
| •10  | 1614 4368 00 | A.C. EYE                  | 1              | •420 | 1079 9902 51 | WARNING LABEL             | 1   |
| •15  | 1202 9844 02 | BOLT                      | 1              | •425 | 1613 5439 00 | WHEELCHOCK                | 2   |
| •20  | 1202 9844 03 | BOLT                      | 1              | •430 | 1613 5440 00 | BRACKET                   | 2   |
| •25  | 0291 1185 13 | LOCKNUT                   | 2              | •435 | 0129 3177 00 | BLIND RIVET               | 4   |
| •30  | 1619 7213 00 | SUPPORT                   | 1              | •500 | 1615 9759 80 | TYRE ASSY 165R14          | 2   |
| •35  | 1202 9845 00 | WASHER                    | 3              |      |              | (For details see page 80) |     |
| •50  | 1615 7367 00 | TOWBAR                    | 1              | •600 | 1616 0864 00 | CABLE                     | 1   |
|      |              | (For details see page 79) |                |      |              |                           |     |
| •55  | 1202 8958 00 | SUPPORT                   | 1              |      |              |                           |     |
| •60  | 1202 8959 00 | CLAMP                     | 1              |      |              |                           |     |
| •65  | 0147 1402 15 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •70  | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •75  | 0291 1112 00 | LOCKNUT                   | 2              |      |              |                           |     |
| •80  | 1615 7335 00 | SUPPORT                   | 1              |      |              |                           |     |
| •85  | 1619 7301 00 | SUPPORT WHEEL             | 1              |      |              |                           |     |
| •90  | 1079 9902 00 | WARNING LABEL             | 1              |      |              |                           |     |
| •100 | 1615 7312 00 | AXLE                      | 1              |      |              |                           |     |
|      |              | (For details see page 78) |                |      |              |                           |     |
| •105 | 1615 4778 03 | BRAKE CABLE               | 2              |      |              |                           |     |
| •110 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •115 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •120 | 0291 1112 00 | LOCKNUT                   | 4              |      |              |                           |     |
| •125 | 1088 1301 03 | CABLE STRIP               | 1              |      |              |                           |     |
| •150 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •155 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •160 | 0147 1475 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •165 | 0301 2378 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •170 | 1615 6537 00 | MUDGUARD                  | 2              |      |              |                           |     |
| •175 | 1079 9917 95 | INFORMATION LABEL         | 2              |      |              |                           |     |
| •180 | 1615 5664 00 | HEX. HEAD SCREW           | 8              |      |              |                           |     |
| •185 | 1615 6534 01 | BRACKET                   | 4              |      |              |                           |     |
| •190 | 1619 2766 00 | HEX. HEAD SREW            | 8              |      |              |                           |     |
| •195 | 1615 7339 01 | SUPPORT                   | 4              |      |              |                           |     |
| •200 | 1619 2766 00 | HEX. HEAD SREW            | 8              |      |              |                           |     |
| •220 | 1604 4890 00 | FRAME                     | 1              |      |              |                           |     |
| •221 | 1615 9059 00 | PLATE                     | 1              |      |              |                           |     |
| •222 | 1619 2766 00 | HEX. HEAD SREW            | 4              |      |              |                           |     |
| •225 | 1604 2102 81 | FUELTANK ASS'Y            | 1              |      |              |                           |     |
|      |              | (For details see page 35) |                |      |              |                           |     |
| •250 | 1615 6555 00 | TAIL LIGHT ASSY           | 2              |      |              |                           |     |
| •255 | 1615 6554 00 | FOG LIGHT ASSY            | 1              |      |              |                           |     |
| •260 | 1615 7337 00 | SUPPORT                   | 1              |      |              |                           |     |
| •265 | 0129 3175 00 | BLIND RIVET               | 2              |      |              |                           |     |
| •270 | 0698 0153 00 | GROMMET                   | 1              |      |              |                           |     |
| •275 | 1202 9402 01 | REFLECTOR                 | 2              |      |              |                           |     |
| •280 | 0129 3177 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •285 | 1615 7338 00 | SUPPORT                   | 2              |      |              |                           |     |
| •290 | 0129 3175 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •295 | 1615 7358 00 | BUMPER                    | 2              |      |              |                           |     |
| •300 | 0333 3227 00 | LOCK WASHER               | 6              |      |              |                           |     |
| •305 | 0147 1323 03 | HEX. HEAD SCREW           | 6              |      |              |                           |     |
| •310 | 1604 2015 00 | WIRE HARNESS              | 1              |      |              |                           |     |
| •315 | 0698 0153 00 | GROMMET                   | 1              |      |              |                           |     |
| •320 | 1089 0291 02 | APPLIANCE INLET           | 1              |      |              |                           |     |
| •325 | 0160 6066 00 | SLOTTED SCREW             | 3              |      |              |                           |     |
| •330 | 0333 3215 00 | LOCK WASHER               | 3              |      |              |                           |     |
| •335 | 0266 2107 00 | HEXAGON NUT               | 3              |      |              |                           |     |
| •340 | 1615 7364 00 | TUBE                      | 1              |      |              |                           |     |
| •345 | 0129 3111 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •350 | 1079 3461 02 | HOSE CLIP                 | 4              |      |              |                           |     |
| •355 | 1615 7340 00 | PROTECTION                | 1              |      |              |                           |     |
| •360 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •365 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |                           |     |
| •370 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |                           |     |
| •375 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |                           |     |
| •380 | 1615 7341 01 | PROTECTION                | 1              |      |              |                           |     |
| •385 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •390 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |                           |     |
| •395 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |                           |     |
| •400 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |                           |     |
| •405 | 1615 6882 00 | REFLECTOR                 | 4              |      |              |                           |     |
| •410 | 1202 9403 00 | REFLECTOR                 | 2              |      |              |                           |     |

# **OPTIONS** **UNDERCARRIAGE** **WITH DIN EYE** **FOR GENERATOR WITHOUT SPILLAGE FREE FRAME**

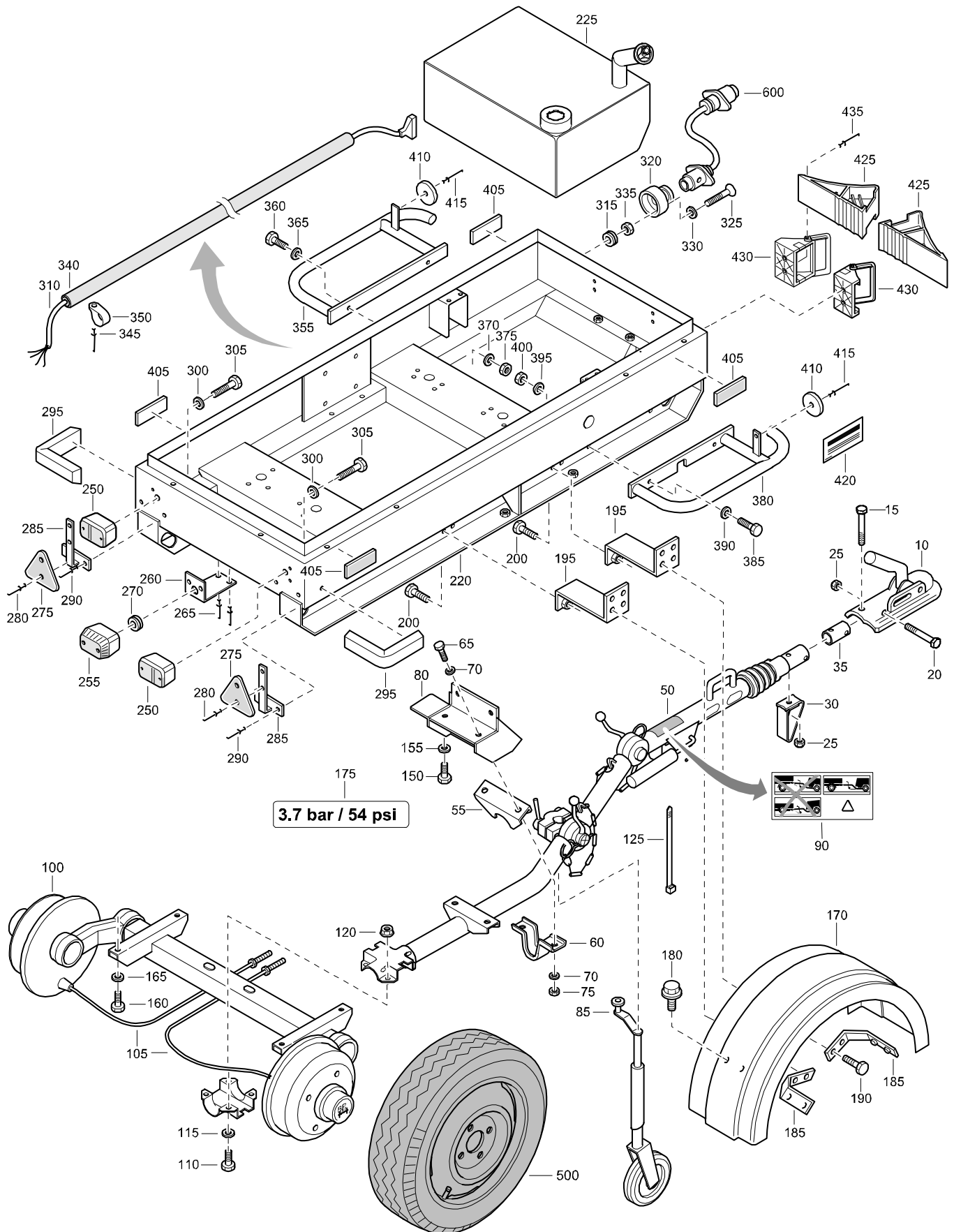


# OPTIONS

## UNDERCARRIAGE WITH DIN EYE FOR GENERATOR WITHOUT SPILLAGE FREE FRAME

| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION               | QTY |
|------|--------------|---------------------------|----------------|------|--------------|---------------------------|-----|
| -    | 1615 9691 90 | UNDERCARRIAGE             | (From page 39) | •415 | 0129 3177 00 | BLIND RIVET               | 2   |
| •10  | 1614 4392 00 | DIN EYE                   | 1              | •420 | 1079 9902 51 | WARNING LABEL             | 1   |
| •15  | 1202 9844 02 | BOLT                      | 1              | •425 | 1613 5439 00 | WHEELCHOCK                | 2   |
| •20  | 1202 9844 03 | BOLT                      | 1              | •430 | 1613 5440 00 | BRACKET                   | 2   |
| •25  | 0291 1185 13 | LOCKNUT                   | 2              | •435 | 0129 3177 00 | BLIND RIVET               | 4   |
| •30  | 1619 7213 00 | SUPPORT                   | 1              | •500 | 1615 9759 80 | TYRE ASSY 165R14          | 2   |
| •35  | 1202 9845 00 | WASHER                    | 3              |      |              | (For details see page 80) |     |
| •50  | 1615 7367 00 | TOWBAR                    | 1              | •600 | 1616 0864 00 | CABLE                     | 1   |
|      |              | (For details see page 79) |                |      |              |                           |     |
| •55  | 1202 8958 00 | SUPPORT                   | 1              |      |              |                           |     |
| •60  | 1202 8959 00 | CLAMP                     | 1              |      |              |                           |     |
| •65  | 0147 1402 15 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •70  | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •75  | 0291 1112 00 | LOCKNUT                   | 2              |      |              |                           |     |
| •80  | 1615 7335 00 | SUPPORT                   | 1              |      |              |                           |     |
| •85  | 1619 7301 00 | SUPPORT WHEEL             | 1              |      |              |                           |     |
| •90  | 1079 9902 00 | WARNING LABEL             | 1              |      |              |                           |     |
| •100 | 1615 7312 00 | AXLE                      | 1              |      |              |                           |     |
|      |              | (For details see page 78) |                |      |              |                           |     |
| •105 | 1615 4778 03 | BRAKE CABLE               | 2              |      |              |                           |     |
| •110 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •115 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •120 | 0291 1112 00 | LOCKNUT                   | 4              |      |              |                           |     |
| •125 | 1088 1301 03 | CABLE STRIP               | 1              |      |              |                           |     |
| •150 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •155 | 0301 2358 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •160 | 0147 1475 15 | HEX. HEAD SCREW           | 4              |      |              |                           |     |
| •165 | 0301 2378 00 | PLAIN WASHER              | 4              |      |              |                           |     |
| •170 | 1615 6537 00 | MUDGUARD                  | 2              |      |              |                           |     |
| •175 | 1079 9917 95 | INFORMATION LABEL         | 2              |      |              |                           |     |
| •180 | 1615 5664 00 | HEX. HEAD SCREW           | 8              |      |              |                           |     |
| •185 | 1615 6534 01 | BRACKET                   | 4              |      |              |                           |     |
| •190 | 1619 2766 00 | HEX. HEAD SREW            | 8              |      |              |                           |     |
| •195 | 1615 7339 01 | SUPPORT                   | 4              |      |              |                           |     |
| •200 | 1619 2766 00 | HEX. HEAD SREW            | 8              |      |              |                           |     |
| •220 | 1604 4890 00 | FRAME                     | 1              |      |              |                           |     |
| •221 | 1615 9059 00 | PLATE                     | 1              |      |              |                           |     |
| •222 | 1619 2766 00 | HEX. HEAD SREW            | 4              |      |              |                           |     |
| •225 | 1604 2102 81 | FUELTANK ASS'Y            | 1              |      |              |                           |     |
|      |              | (For details see page 35) |                |      |              |                           |     |
| •250 | 1615 6555 00 | TAIL LIGHT ASSY           | 2              |      |              |                           |     |
| •255 | 1615 6554 00 | FOG LIGHT ASSY            | 1              |      |              |                           |     |
| •260 | 1615 7337 00 | SUPPORT                   | 1              |      |              |                           |     |
| •265 | 0129 3175 00 | BLIND RIVET               | 2              |      |              |                           |     |
| •270 | 0698 0153 00 | GROMMET                   | 1              |      |              |                           |     |
| •275 | 1202 9402 01 | REFLECTOR                 | 2              |      |              |                           |     |
| •280 | 0129 3177 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •285 | 1615 7338 00 | SUPPORT                   | 2              |      |              |                           |     |
| •290 | 0129 3175 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •295 | 1615 7358 00 | BUMPER                    | 2              |      |              |                           |     |
| •300 | 0333 3227 00 | LOCK WASHER               | 6              |      |              |                           |     |
| •305 | 0147 1323 03 | HEX. HEAD SCREW           | 6              |      |              |                           |     |
| •310 | 1604 2015 00 | WIRE HARNESS              | 1              |      |              |                           |     |
| •315 | 0698 0153 00 | GROMMET                   | 1              |      |              |                           |     |
| •320 | 1089 0291 02 | APPLIANCE INLET           | 1              |      |              |                           |     |
| •325 | 0160 6066 00 | SLOTTED SCREW             | 3              |      |              |                           |     |
| •330 | 0333 3215 00 | LOCK WASHER               | 3              |      |              |                           |     |
| •335 | 0266 2107 00 | HEXAGON NUT               | 3              |      |              |                           |     |
| •340 | 1615 7364 00 | TUBE                      | 1              |      |              |                           |     |
| •345 | 0129 3111 00 | BLIND RIVET               | 4              |      |              |                           |     |
| •350 | 1079 3461 02 | HOSE CLIP                 | 4              |      |              |                           |     |
| •355 | 1615 7340 00 | PROTECTION                | 1              |      |              |                           |     |
| •360 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •365 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |                           |     |
| •370 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |                           |     |
| •375 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |                           |     |
| •380 | 1615 7341 01 | PROTECTION                | 1              |      |              |                           |     |
| •385 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |              |                           |     |
| •390 | 0301 2335 00 | PLAIN WASHER              | 2              |      |              |                           |     |
| •395 | 0333 3227 00 | LOCK WASHER               | 2              |      |              |                           |     |
| •400 | 0266 2110 00 | HEXAGON NUT               | 2              |      |              |                           |     |
| •405 | 1615 6882 00 | REFLECTOR                 | 4              |      |              |                           |     |
| •410 | 1202 9403 00 | REFLECTOR                 | 2              |      |              |                           |     |

# **OPTIONS** **UNDERCARRIAGE** **WITH BALL COUPLING** **FOR GENERATOR WITHOUT SPILLAGE FREE FRAME**



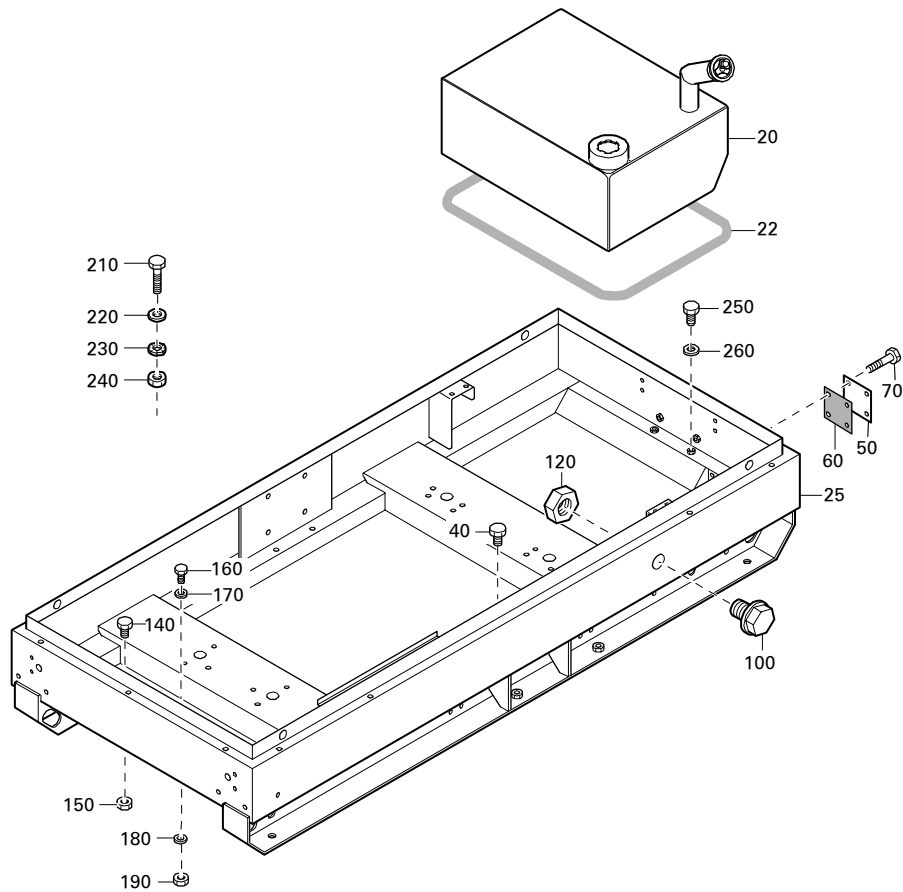
# OPTIONS

## UNDERCARRIAGE WITH BALL COUPLING FOR GENERATOR WITHOUT SPILLAGE FREE FRAME

| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER               | DESIGNATION      | QTY |
|------|--------------|---------------------------|----------------|------|---------------------------|------------------|-----|
| -    | 1615 9692 90 | UNDERCARRIAGE             | (From page 38) | •415 | 0129 3177 00              | BLIND RIVET      | 2   |
| •10  | 1619 6826 00 | BALL COUPLING             | 1              | •420 | 1079 9902 51              | WARNING LABEL    | 1   |
| •15  | 1202 9844 02 | BOLT                      | 1              | •425 | 1613 5439 00              | WHEELCHOCK       | 2   |
| •20  | 1202 9844 05 | BOLT                      | 1              | •430 | 1613 5440 00              | BRACKET          | 2   |
| •25  | 0291 1185 13 | LOCKNUT                   | 2              | •435 | 0129 3177 00              | BLIND RIVET      | 4   |
| •30  | 1619 7213 00 | SUPPORT                   | 1              | •500 | 1615 9759 80              | TYRE ASSY 165R14 | 2   |
| •35  | 1202 9732 00 | BUSH                      | 1              |      | (For details see page 80) |                  |     |
| •50  | 1615 7367 00 | TOWBAR                    | 1              | •600 | 1616 0864 00              | CABLE            | 1   |
|      |              | (For details see page 79) |                |      |                           |                  |     |
| •55  | 1202 8958 00 | SUPPORT                   | 1              |      |                           |                  |     |
| •60  | 1202 8959 00 | CLAMP                     | 1              |      |                           |                  |     |
| •65  | 0147 1402 15 | HEX. HEAD SCREW           | 2              |      |                           |                  |     |
| •70  | 0301 2358 00 | PLAIN WASHER              | 4              |      |                           |                  |     |
| •75  | 0291 1112 00 | LOCKNUT                   | 2              |      |                           |                  |     |
| •80  | 1615 7335 00 | SUPPORT                   | 1              |      |                           |                  |     |
| •85  | 1619 7301 00 | SUPPORT WHEEL             | 1              |      |                           |                  |     |
| •90  | 1079 9902 00 | WARNING LABEL             | 1              |      |                           |                  |     |
| •100 | 1615 7312 00 | AXLE                      | 1              |      |                           |                  |     |
|      |              | (For details see page 78) |                |      |                           |                  |     |
| •105 | 1615 4778 03 | BRAKE CABLE               | 2              |      |                           |                  |     |
| •110 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |                           |                  |     |
| •115 | 0301 2358 00 | PLAIN WASHER              | 4              |      |                           |                  |     |
| •120 | 0291 1112 00 | LOCKNUT                   | 4              |      |                           |                  |     |
| •125 | 1088 1301 03 | CABLE STRIP               | 1              |      |                           |                  |     |
| •150 | 0147 1401 15 | HEX. HEAD SCREW           | 4              |      |                           |                  |     |
| •155 | 0301 2358 00 | PLAIN WASHER              | 4              |      |                           |                  |     |
| •160 | 0147 1475 15 | HEX. HEAD SCREW           | 4              |      |                           |                  |     |
| •165 | 0301 2378 00 | PLAIN WASHER              | 4              |      |                           |                  |     |
| •170 | 1615 6537 00 | MUDGUARD                  | 2              |      |                           |                  |     |
| •175 | 1079 9917 95 | INFORMATION LABEL         | 2              |      |                           |                  |     |
| •180 | 1615 5664 00 | HEX. HEAD SCREW           | 8              |      |                           |                  |     |
| •185 | 1615 6534 01 | BRACKET                   | 4              |      |                           |                  |     |
| •190 | 1619 2766 00 | HEX. HEAD SREW            | 8              |      |                           |                  |     |
| •195 | 1615 7339 01 | SUPPORT                   | 4              |      |                           |                  |     |
| •200 | 1619 2766 00 | HEX. HEAD SREW            | 8              |      |                           |                  |     |
| •220 | 1604 4890 00 | FRAME                     | 1              |      |                           |                  |     |
| •221 | 1615 9059 00 | PLATE                     | 1              |      |                           |                  |     |
| •222 | 1619 2766 00 | HEX. HEAD SREW            | 4              |      |                           |                  |     |
| •225 | 1604 2102 81 | FUELTANK ASS'Y            | 1              |      |                           |                  |     |
|      |              | (For details see page 35) |                |      |                           |                  |     |
| •250 | 1615 6555 00 | TAIL LIGHT ASSY           | 2              |      |                           |                  |     |
| •255 | 1615 6554 00 | FOG LIGHT ASSY            | 1              |      |                           |                  |     |
| •260 | 1615 7337 00 | SUPPORT                   | 1              |      |                           |                  |     |
| •265 | 0129 3175 00 | BLIND RIVET               | 2              |      |                           |                  |     |
| •270 | 0698 0153 00 | GROMMET                   | 1              |      |                           |                  |     |
| •275 | 1202 9402 01 | REFLECTOR                 | 2              |      |                           |                  |     |
| •280 | 0129 3177 00 | BLIND RIVET               | 4              |      |                           |                  |     |
| •285 | 1615 7338 00 | SUPPORT                   | 2              |      |                           |                  |     |
| •290 | 0129 3175 00 | BLIND RIVET               | 4              |      |                           |                  |     |
| •295 | 1615 7358 00 | BUMPER                    | 2              |      |                           |                  |     |
| •300 | 0333 3227 00 | LOCK WASHER               | 6              |      |                           |                  |     |
| •305 | 0147 1323 03 | HEX. HEAD SCREW           | 6              |      |                           |                  |     |
| •310 | 1604 2015 00 | WIRE HARNESS              | 1              |      |                           |                  |     |
| •315 | 0698 0153 00 | GROMMET                   | 1              |      |                           |                  |     |
| •320 | 1089 0291 02 | APPLIANCE INLET           | 1              |      |                           |                  |     |
| •325 | 0160 6066 00 | SLOTTED SCREW             | 3              |      |                           |                  |     |
| •330 | 0333 3215 00 | LOCK WASHER               | 3              |      |                           |                  |     |
| •335 | 0266 2107 00 | HEXAGON NUT               | 3              |      |                           |                  |     |
| •340 | 1615 7364 00 | TUBE                      | 1              |      |                           |                  |     |
| •345 | 0129 3111 00 | BLIND RIVET               | 4              |      |                           |                  |     |
| •350 | 1079 3461 02 | HOSE CLIP                 | 4              |      |                           |                  |     |
| •355 | 1615 7340 00 | PROTECTION                | 1              |      |                           |                  |     |
| •360 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |                           |                  |     |
| •365 | 0301 2335 00 | PLAIN WASHER              | 2              |      |                           |                  |     |
| •370 | 0333 3227 00 | LOCK WASHER               | 2              |      |                           |                  |     |
| •375 | 0266 2110 00 | HEXAGON NUT               | 2              |      |                           |                  |     |
| •380 | 1615 7341 01 | PROTECTION                | 1              |      |                           |                  |     |
| •385 | 0147 1325 03 | HEX. HEAD SCREW           | 2              |      |                           |                  |     |
| •390 | 0301 2335 00 | PLAIN WASHER              | 2              |      |                           |                  |     |
| •395 | 0333 3227 00 | LOCK WASHER               | 2              |      |                           |                  |     |
| •400 | 0266 2110 00 | HEXAGON NUT               | 2              |      |                           |                  |     |
| •405 | 1615 6882 00 | REFLECTOR                 | 4              |      |                           |                  |     |
| •410 | 1202 9403 00 | REFLECTOR                 | 2              |      |                           |                  |     |

# OPTIONS

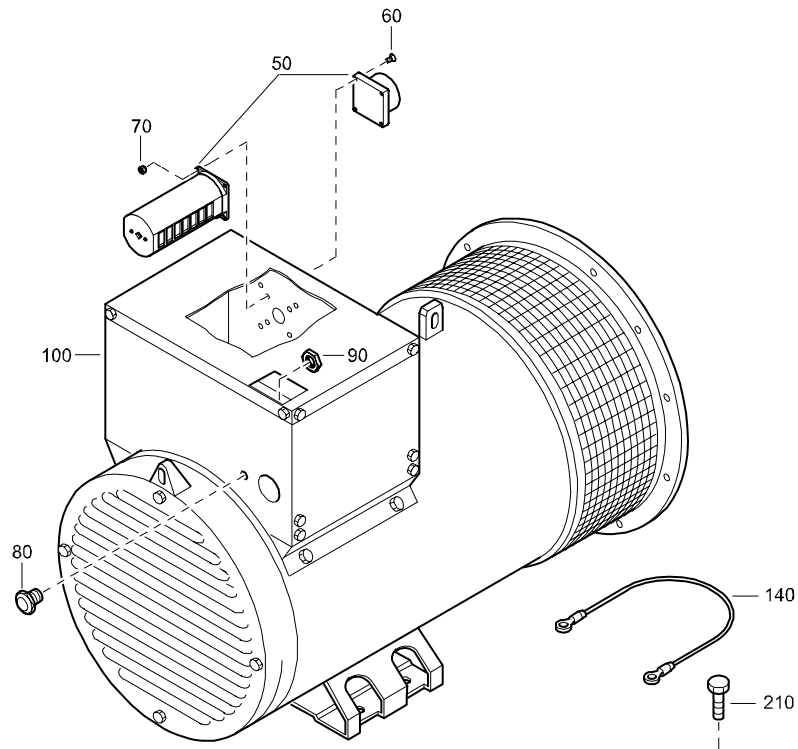
## FRAME SPILLAGE FREE FOR USA



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF | PART NUMBER | DESIGNATION | QTY |
|------|--------------|---------------------------|----------------|-----|-------------|-------------|-----|
| -    | 1615 9041 87 | FRAME                     | (From page 46) |     |             |             |     |
| •20  | 1604 2102 81 | FUELTANK ASS'Y            | 1              |     |             |             |     |
|      |              | (For details see page 35) |                |     |             |             |     |
| •22  | 1619 5188 00 | SEAL                      | AR             |     |             |             |     |
| •25  | 1615 9041 04 | FRAME                     | 1              |     |             |             |     |
| •40  | 0686 6132 00 | PLUG                      | 3              |     |             |             |     |
| •50  | 1615 9059 00 | PLATE                     | 1              |     |             |             |     |
| •60  | 1615 9064 00 | SEAL                      | 1              |     |             |             |     |
| •70  | 1619 2766 00 | BOLT                      | 4              |     |             |             |     |
| •100 | 0686 3716 29 | HEXAGON PLUG              | 1              |     |             |             |     |
| •120 | 0623 2100 09 | BACKNUT                   | 1              |     |             |             |     |
| •140 | 1088 0524 02 | PLUG                      | 2              |     |             |             |     |
| •150 | 0697 9809 01 | NUT                       | 2              |     |             |             |     |
| •160 | 0160 6040 00 | SLOTTED SCREW             | 2              |     |             |             |     |
| •170 | 0653 1003 00 | FLAT GASKET               | 2              |     |             |             |     |
| •180 | 0333 3214 00 | LOCK WASHER               | 2              |     |             |             |     |
| •190 | 0266 2106 00 | HEXAGON NUT               | 2              |     |             |             |     |
| •210 | 0147 1322 03 | HEX. HEAD SCREW           | 8              |     |             |             |     |
| •220 | 0653 1033 00 | FLAT GASKET               | 8              |     |             |             |     |
| •230 | 0333 3227 00 | LOCK WASHER               | 8              |     |             |             |     |
| •240 | 0266 2110 00 | HEXAGON NUT               | 8              |     |             |             |     |
| •250 | 0147 1362 03 | HEX. HEAD SCREW           | 4              |     |             |             |     |
| •260 | 0653 1057 00 | FLAT GASKET               | 4              |     |             |             |     |

# OPTIONS

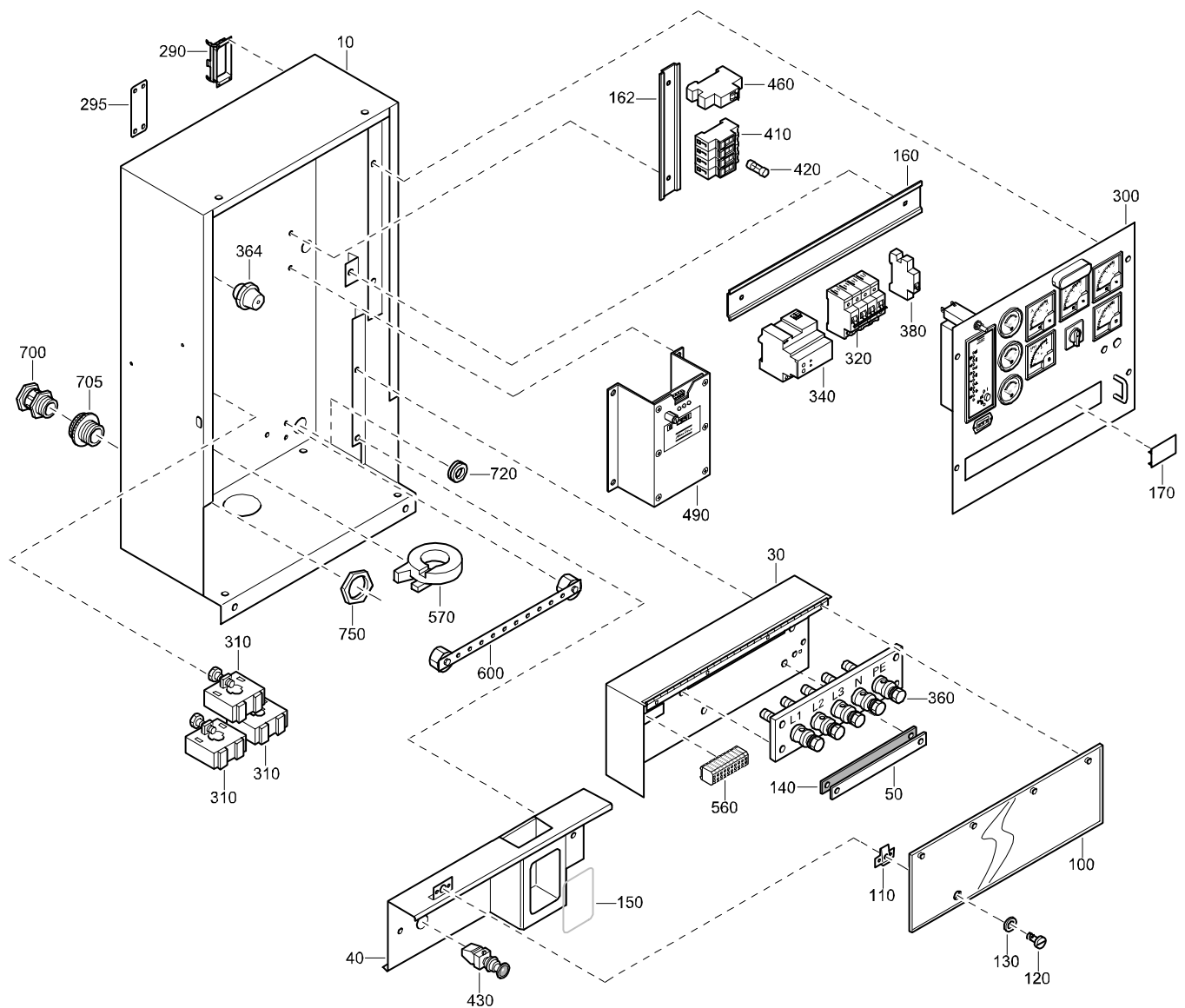
## ALTERNATOR ASSEMBLY FOR GENERATOR WITH 3V,60 HZ OUTPUT AND REMOTE START



| REF  | PART NUMBER  | DESIGNATION                                         | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|------|--------------|-----------------------------------------------------|-----|-----|-------------|-------------|-----|
| -    | 1615 9526 82 | ALTERNATOR ASSEMBLY( <a href="#">From page 48</a> ) |     |     |             |             |     |
| •50  | 1089 9378 24 | SELECTOR SWITCH                                     | 1   |     |             |             |     |
| •60  | 0162 4170 00 | SLOTTED SCREW                                       | 4   |     |             |             |     |
| •70  | 0266 2106 00 | HEXAGON NUT                                         | 4   |     |             |             |     |
| •80  | 1088 0524 02 | PLUG                                                | 1   |     |             |             |     |
| •90  | 0697 9809 01 | NUT                                                 | 1   |     |             |             |     |
| •100 | 1082 3052 23 | ALTERNATOR                                          | 1   |     |             |             |     |
| •140 | 1615 8250 00 | WIRE ASSY                                           | 6   |     |             |             |     |
| •210 | 1619 2766 00 | BOLT                                                | 1   |     |             |             |     |

# OPTIONS

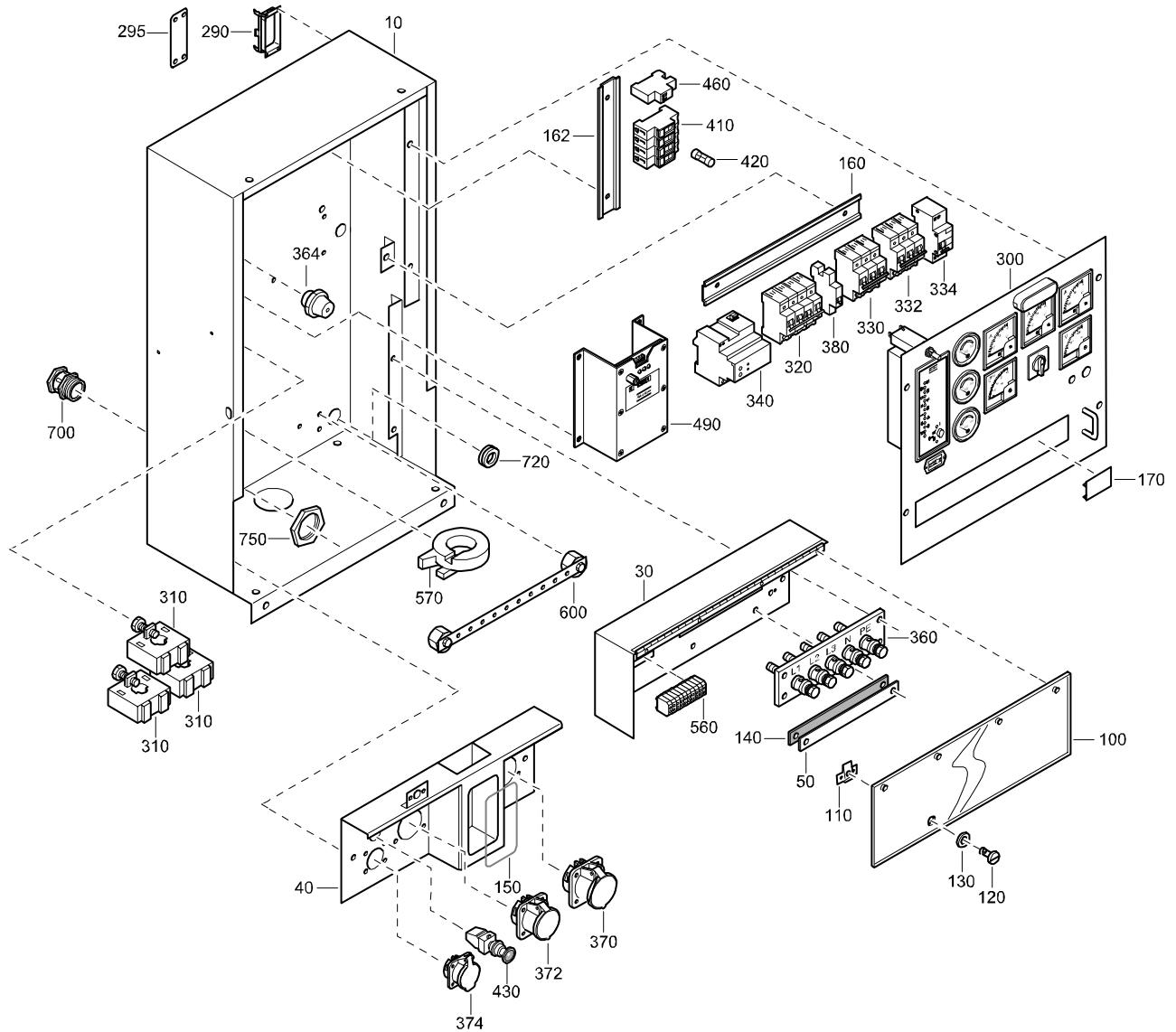
## CUBICLE FOR GENERATOR WITH AUTOMATIC MAINS FAILURE



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION         | QTY |
|------|--------------|---------------------------|----------------|------|--------------|---------------------|-----|
| -    | 1900 1012 45 | CUBICLE                   | (From page 52) | •410 | 1089 9356 11 | FUSE HOLDER         | 1   |
| •10  | 1615 9330 07 | CUBICLE                   | 1              | •420 | 1089 9332 01 | FUSE                | 3   |
| •30  | 1615 9333 00 | T.B. PANEL                | 1              | •430 | 1089 9422 01 | EMERGENCY STOP      | 1   |
| •40  | 1615 9335 00 | NO SOCKET PANEL           | 1              | •460 | 1089 9473 20 | SWITCH              | 1   |
| •50  | 1615 9336 00 | CABLE CLAMP               | 1              | •490 | 1089 9402 11 | BATTERY CHARGER 12V | 1   |
| •100 | 1615 9339 00 | PLEXI DOOR                | 1              | •560 | 1088 0027 02 | TERMINAL            | 10  |
| •110 | 1615 6728 00 | PLATE                     | 1              | •570 | 1089 9473 55 | TORUS               | 1   |
| •120 | 1615 7166 00 | STUD                      | 1              | •600 | 1604 2282 00 | EARTH RAIL ASS'Y    | 1   |
| •130 | 1615 6727 00 | WASHER                    | 1              | •700 | 1088 0256 23 | CABLE GLAND         | 1   |
| •140 | 1615 9337 00 | SEAL                      | 1              | •705 | 0697 9726 00 | REDUCING SLEEVE     | 1   |
| •150 | 1503 1056 00 | SEAL                      | AR             | •720 | 1088 0801 26 | GROMMET             | 1   |
| •160 | 0090 1400 02 | RAIL                      | AR             | •750 | 1088 0302 08 | NUT                 | 1   |
| •162 | 0090 1400 02 | RAIL                      | AR             |      |              |                     |     |
| •170 | 1088 0500 05 | COVER PLATE               | AR             |      |              |                     |     |
| •290 | 1088 0029 50 | HOUSING                   | 1              |      |              |                     |     |
| •295 | 1604 1964 00 | COVER PLATE               | 1              |      |              |                     |     |
| •300 | 1900 1012 84 | CONTROL PANEL             | 1              |      |              |                     |     |
|      |              | (For details see page 81) |                |      |              |                     |     |
| •310 | 1089 9357 01 | CURRENT TRANSFORMER       | 3              |      |              |                     |     |
| •320 | 1089 9472 45 | CIRCUIT BREAKER           | 1              |      |              |                     |     |
| •340 | 1089 9473 54 | EARTH RELAY               | 1              |      |              |                     |     |
| •360 | 1615 7008 01 | TERMINAL BOARD            | 1              |      |              |                     |     |
| •364 | 1089 9385 02 | ISOLATOR                  | 1              |      |              |                     |     |
| •380 | 1089 9473 13 | COIL                      | 1              |      |              |                     |     |

# OPTIONS

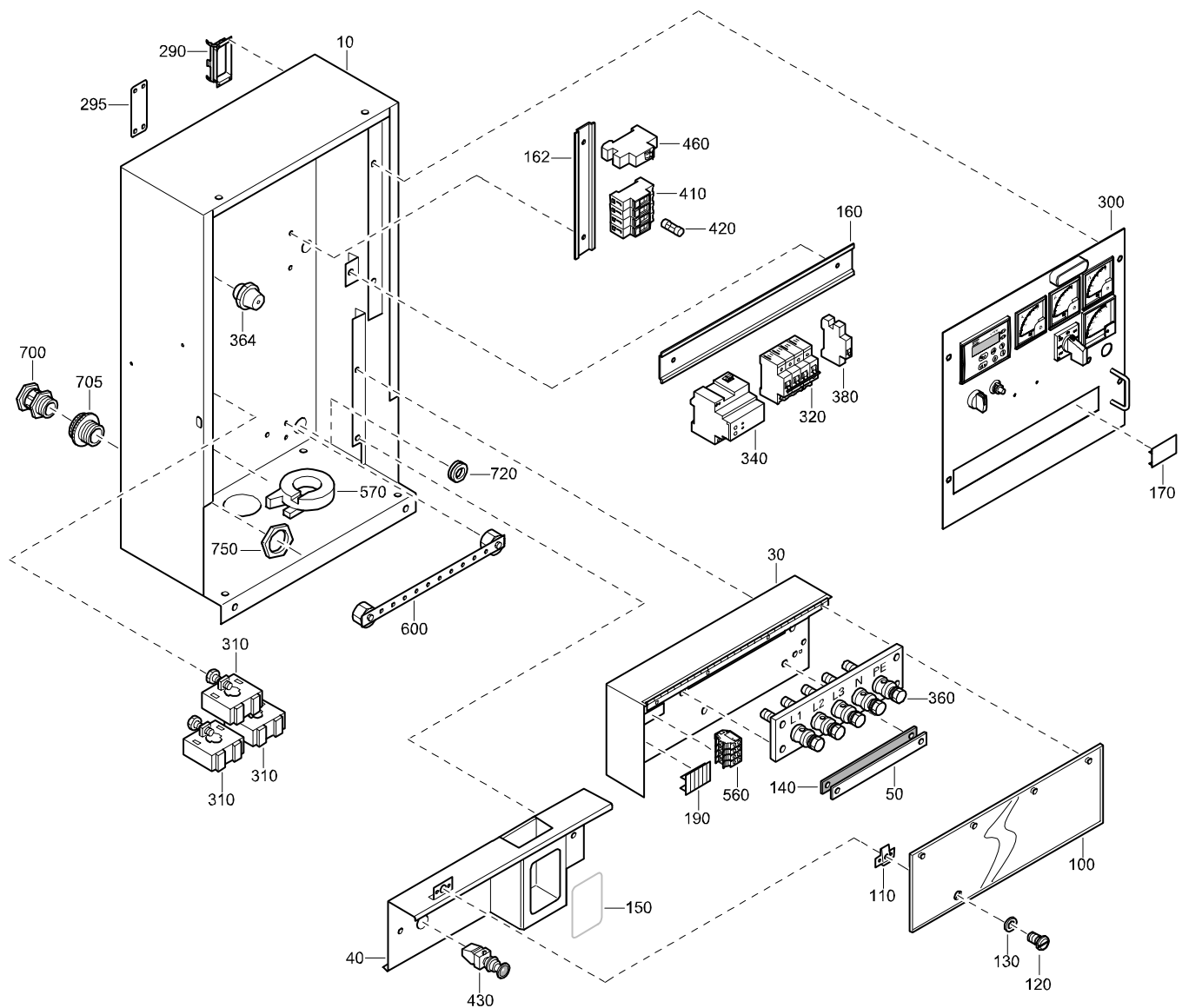
## CUBICLE



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION         | QTY |
|------|--------------|---------------------------|----------------|------|--------------|---------------------|-----|
| -    | 1900 1012 65 | CUBICLE                   | (From page 53) | •360 | 1615 7008 01 | TERMINAL BOARD      | 1   |
| •10  | 1615 9330 07 | CUBICLE                   | 1              | •364 | 1089 9385 02 | ISOLATOR            | 1   |
| •30  | 1615 9333 00 | T.B. PANEL                | 1              | •370 | 1089 0662 04 | SOCKET OUTLET       | 1   |
| •40  | 1615 9334 00 | SOCKET PANEL              | 1              | •372 | 1089 0662 12 | SOCKET OUTLET       | 1   |
| •50  | 1615 9336 00 | CABLE CLAMP               | 1              | •374 | 1089 0662 17 | SOCKET OUTLET       | 1   |
| •100 | 1615 9339 00 | PLEXI DOOR                | 1              | •380 | 1089 9473 13 | COIL                | 1   |
| •110 | 1615 6728 00 | PLATE                     | 1              | •410 | 1089 9356 11 | FUSE HOLDER         | 1   |
| •120 | 1615 7166 00 | STUD                      | 1              | •420 | 1089 9332 01 | FUSE                | 3   |
| •130 | 1615 6727 00 | WASHER                    | 1              | •430 | 1089 9422 01 | EMERGENCY STOP      | 1   |
| •140 | 1615 9337 00 | SEAL                      | 1              | •460 | 1089 9473 20 | SWITCH              | 1   |
| •150 | 1503 1056 00 | SEAL                      | AR             | •490 | 1089 9402 11 | BATTERY CHARGER 12V | 1   |
| •160 | 0090 1400 02 | RAIL                      | AR             | •560 | 1088 0027 02 | TERMINAL            | 10  |
| •162 | 0090 1400 02 | RAIL                      | AR             | •570 | 1089 9473 55 | TORUS               | 1   |
| •170 | 1088 0500 05 | COVER PLATE               | AR             | •600 | 1604 2282 00 | EARTH RAIL ASS'Y    | 1   |
| •290 | 1088 0029 50 | HOUSING                   | 1              | •700 | 1088 0256 27 | CABLE GLAND         | 1   |
| •295 | 1604 1964 00 | COVER PLATE               | 1              | •720 | 1088 0801 26 | GROMMET             | 1   |
| •300 | 1900 1012 84 | CONTROL PANEL             | 1              | •750 | 1088 0302 08 | NUT                 | 1   |
|      |              | (For details see page 81) |                |      |              |                     |     |
| •310 | 1089 9357 01 | CURRENT TRANSFORMER       | 3              |      |              |                     |     |
| •320 | 1089 9472 13 | CIRCUIT BREAKER           | 1              |      |              |                     |     |
| •330 | 1089 9472 27 | CIRCUIT BREAKER           | 1              |      |              |                     |     |
| •332 | 1089 9472 26 | CIRCUIT BREAKER           | 1              |      |              |                     |     |
| •334 | 1089 9473 01 | CIRCUIT BREAKER           | 1              |      |              |                     |     |
| •340 | 1089 9473 54 | EARTH RELAY               | 1              |      |              |                     |     |

# OPTIONS

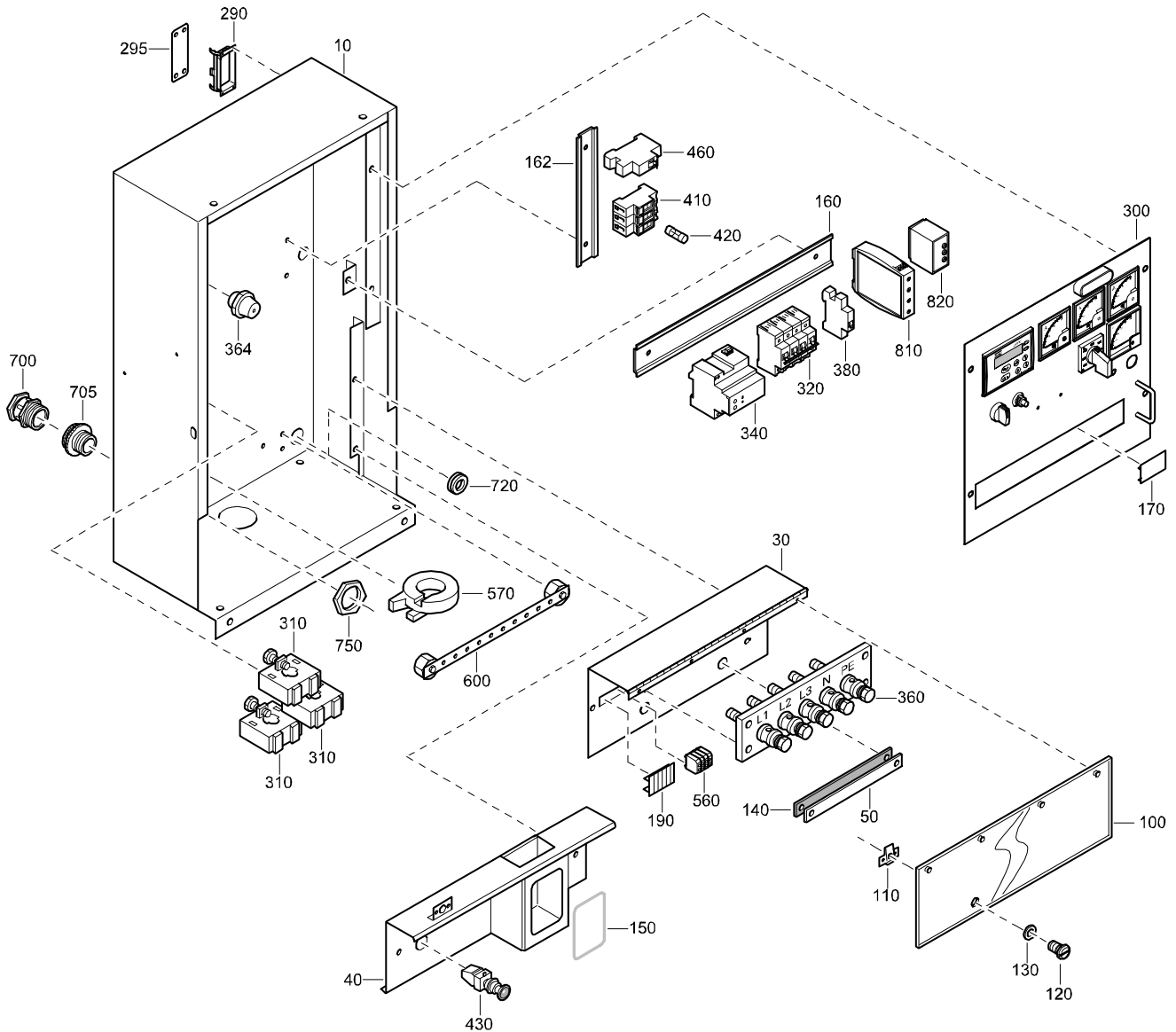
## CUBICLE FOR GENERATOR WITH REMOTE START



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION      | QTY |
|------|--------------|---------------------------|----------------|------|--------------|------------------|-----|
| -    | 1900 1022 43 | CUBICLE                   | (From page 51) | •380 | 1089 9473 13 | COIL             | 1   |
| •10  | 1615 9330 07 | CUBICLE                   | 1              | •410 | 1089 9356 11 | FUSE HOLDER      | 1   |
| •30  | 1615 9333 00 | T.B. PANEL                | 1              | •420 | 1089 9332 01 | FUSE             | 3   |
| •40  | 1615 9335 00 | NO SOCKET PANEL           | 1              | •430 | 1089 9422 01 | EMERGENCY STOP   | 1   |
| •50  | 1615 9336 00 | CABLE CLAMP               | 1              | •460 | 1089 9473 20 | SWITCH           | 1   |
| •100 | 1615 9339 00 | PLEXI DOOR                | 1              | •560 | 1088 0027 02 | TERMINAL         | 4   |
| •110 | 1615 6728 00 | PLATE                     | 1              | •570 | 1089 9473 55 | TORUS            | 1   |
| •120 | 1615 7166 00 | STUD                      | 1              | •600 | 1604 2282 00 | EARTH RAIL ASS'Y | 1   |
| •130 | 1615 6727 00 | WASHER                    | 1              | •700 | 1088 0256 23 | CABLE GLAND      | 1   |
| •140 | 1615 9337 00 | SEAL                      | 1              | •705 | 0697 9726 00 | REDUCING SLEEVE  | 1   |
| •150 | 1503 1056 00 | SEAL                      | AR             | •720 | 1088 0801 26 | GROMMET          | 1   |
| •160 | 0090 1400 02 | RAIL                      | AR             | •750 | 1088 0302 08 | NUT              | 1   |
| •162 | 0090 1400 02 | RAIL                      | AR             |      |              |                  |     |
| •170 | 1088 0500 05 | COVER PLATE               | AR             |      |              |                  |     |
| •190 | 1088 0027 01 | COVER PLATE               | 6              |      |              |                  |     |
| •290 | 1088 0029 50 | HOUSING                   | 1              |      |              |                  |     |
| •295 | 1604 1964 00 | COVER PLATE               | 1              |      |              |                  |     |
| •300 | 1900 1022 82 | CONTROL PANEL             | 1              |      |              |                  |     |
|      |              | (For details see page 82) |                |      |              |                  |     |
| •310 | 1089 9357 01 | CURRENT TRANSFORMER       | 3              |      |              |                  |     |
| •320 | 1089 9472 45 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •340 | 1089 9473 54 | EARTH RELAY               | 1              |      |              |                  |     |
| •360 | 1615 7008 01 | TERMINAL BOARD            | 1              |      |              |                  |     |
| •364 | 1089 9385 02 | ISOLATOR                  | 1              |      |              |                  |     |

# OPTIONS

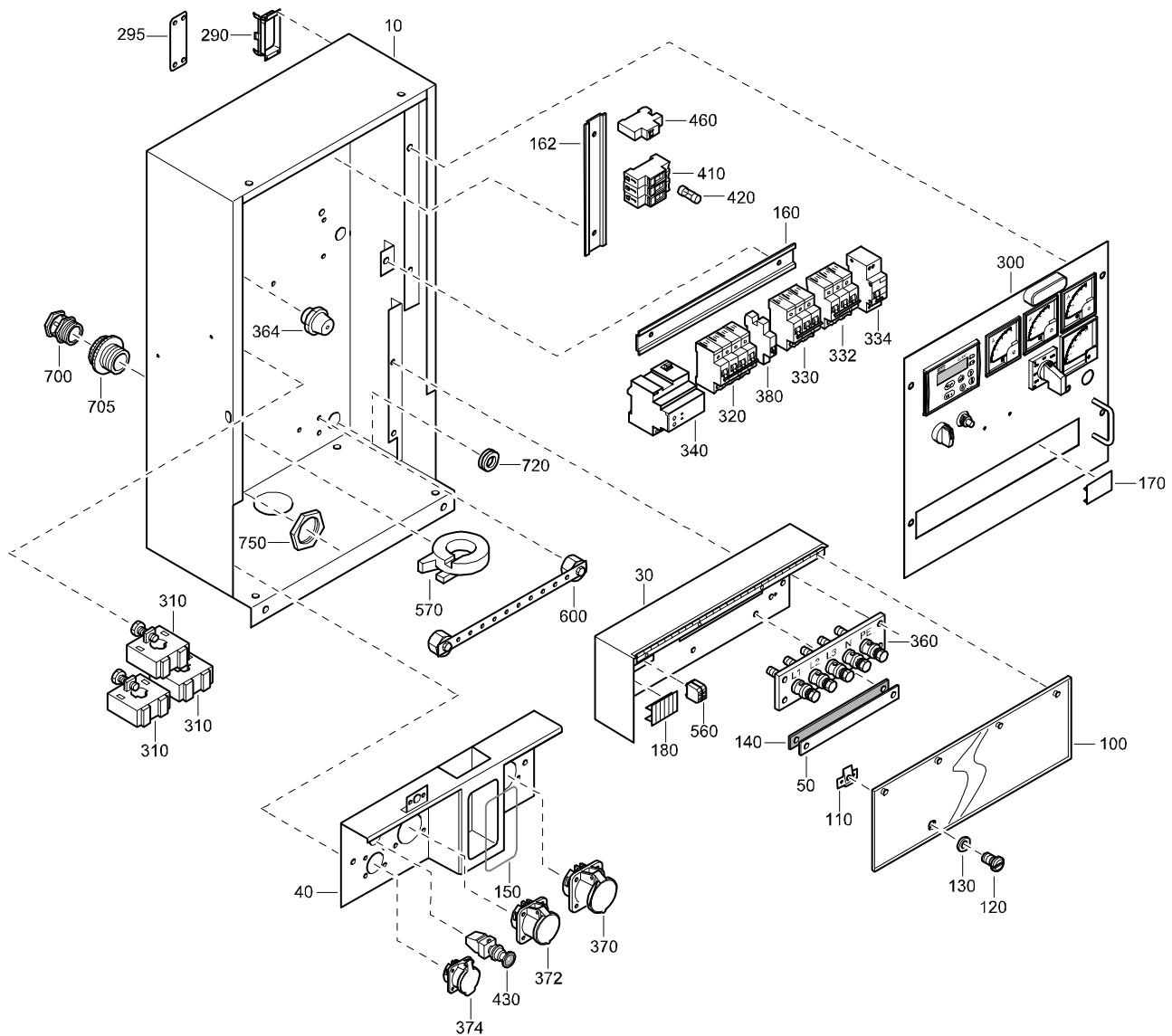
## CUBICLE FOR GENERATOR WITH REMOTE START AND OVER & UNDERVOLTAGE RELAY



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION      | QTY |
|------|--------------|---------------------------|----------------|------|--------------|------------------|-----|
| -    | 1900 1022 48 | CUBICLE                   | (From page 55) | •380 | 1089 9473 13 | COIL             | 1   |
| •10  | 1615 9330 07 | CUBICLE                   | 1              | •410 | 1089 9356 11 | FUSE HOLDER      | 1   |
| •30  | 1615 9333 00 | T.B. PANEL                | 1              | •420 | 1089 9332 01 | FUSE             | 3   |
| •40  | 1615 9335 00 | NO SOCKET PANEL           | 1              | •430 | 1089 9422 01 | EMERGENCY STOP   | 1   |
| •50  | 1615 9336 00 | CABLE CLAMP               | 1              | •460 | 1089 9473 20 | SWITCH           | 1   |
| •100 | 1615 9339 00 | PLEXI DOOR                | 1              | •560 | 1088 0027 02 | TERMINAL         | 4   |
| •110 | 1615 6728 00 | PLATE                     | 1              | •570 | 1089 9473 55 | TORUS            | 1   |
| •120 | 1615 7166 00 | STUD                      | 1              | •600 | 1604 2282 00 | EARTH RAIL ASS'Y | 1   |
| •130 | 1615 6727 00 | WASHER                    | 1              | •700 | 1088 0256 23 | CABLE GLAND      | 1   |
| •140 | 1615 9337 00 | SEAL                      | 1              | •705 | 0697 9726 00 | REDUCING SLEEVE  | 1   |
| •150 | 1503 1056 00 | SEAL                      | AR             | •720 | 1088 0801 26 | GROMMET          | 1   |
| •160 | 0090 1400 02 | RAIL                      | AR             | •750 | 1088 0302 08 | NUT              | 1   |
| •162 | 0090 1400 02 | RAIL                      | AR             |      |              |                  |     |
| •170 | 1088 0500 05 | COVER PLATE               | AR             |      |              |                  |     |
| •190 | 1088 0027 01 | COVER PLATE               | 6              |      |              |                  |     |
| •290 | 1088 0029 50 | HOUSING                   | 1              |      |              |                  |     |
| •295 | 1604 1964 00 | COVER PLATE               | 1              |      |              |                  |     |
| •300 | 1900 1022 82 | CONTROL PANEL             | 1              |      |              |                  |     |
|      |              | (For details see page 82) |                |      |              |                  |     |
| •310 | 1089 9357 01 | CURRENT TRANSFORMER       | 3              |      |              |                  |     |
| •320 | 1089 9472 45 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •340 | 1089 9473 54 | EARTH RELAY               | 1              |      |              |                  |     |
| •360 | 1615 7008 01 | TERMINAL BOARD            | 1              |      |              |                  |     |
| •364 | 1089 9385 02 | ISOLATOR                  | 1              |      |              |                  |     |

# OPTIONS

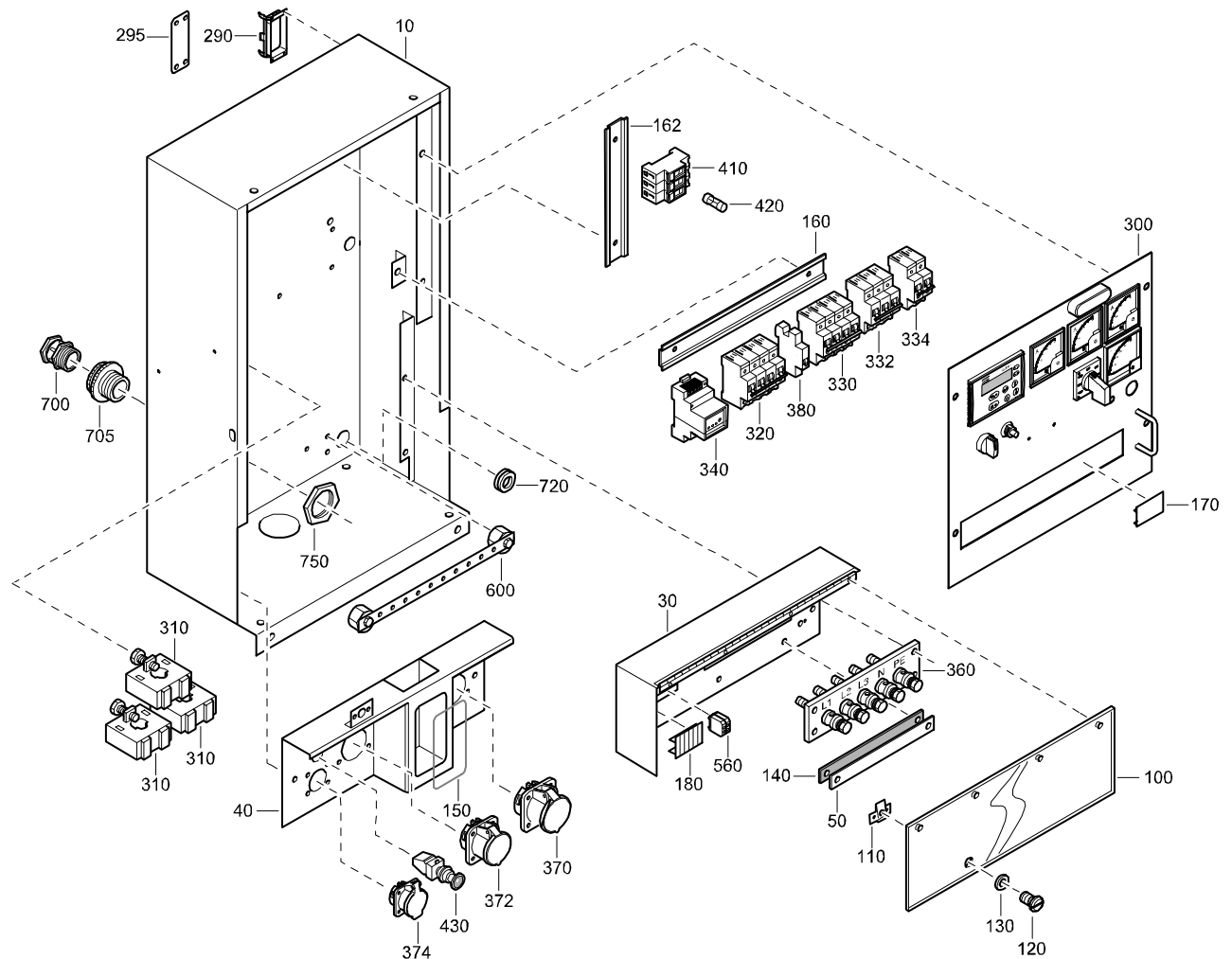
## CUBICLE FOR GENERATOR WITH REMOTE START



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION      | QTY |
|------|--------------|---------------------------|----------------|------|--------------|------------------|-----|
| -    | 1900 1022 63 | CUBICLE                   | (From page 49) | •340 | 1089 9473 54 | EARTH RELAY      | 1   |
| •10  | 1615 9330 07 | CUBICLE                   | 1              | •360 | 1615 7008 01 | TERMINAL BOARD   | 1   |
| •30  | 1615 9333 00 | T.B. PANEL                | 1              | •364 | 1089 9385 02 | ISOLATOR         | 1   |
| •40  | 1615 9334 00 | SOCKET PANEL              | 1              | •370 | 1089 0662 04 | SOCKET OUTLET    | 1   |
| •50  | 1615 9336 00 | CABLE CLAMP               | 1              | •372 | 1089 0662 12 | SOCKET OUTLET    | 1   |
| •100 | 1615 9339 00 | PLEXI DOOR                | 1              | •374 | 1089 0662 17 | SOCKET OUTLET    | 1   |
| •110 | 1615 6728 00 | PLATE                     | 1              | •380 | 1089 9473 13 | COIL             | 1   |
| •120 | 1615 7166 00 | STUD                      | 1              | •410 | 1089 9356 11 | FUSE HOLDER      | 1   |
| •130 | 1615 6727 00 | WASHER                    | 1              | •420 | 1089 9332 01 | FUSE             | 3   |
| •140 | 1615 9337 00 | SEAL                      | 1              | •430 | 1089 9422 01 | EMERGENCY STOP   | 1   |
| •150 | 1503 1056 00 | SEAL                      | AR             | •460 | 1089 9473 20 | SWITCH           | 1   |
| •160 | 0090 1400 02 | RAIL                      | AR             | •560 | 1088 0027 02 | TERMINAL         | 2   |
| •162 | 0090 1400 02 | RAIL                      | AR             | •570 | 1089 9473 55 | TORUS            | 1   |
| •170 | 1088 0500 05 | COVER PLATE               | AR             | •600 | 1604 2282 00 | EARTH RAIL ASS'Y | 1   |
| •180 | 1088 0027 01 | COVER PLATE               | 6              | •700 | 1088 0256 23 | CABLE GLAND      | 1   |
| •290 | 1088 0029 50 | HOUSING                   | 1              | •705 | 0697 9726 00 | REDUCING SLEEVE  | 1   |
| •295 | 1604 1964 00 | COVER PLATE               | 1              | •720 | 1088 0801 26 | GROMMET          | 1   |
| •300 | 1900 1022 82 | CONTROL PANEL             | 1              | •750 | 1088 0302 08 | NUT              | 1   |
|      |              | (For details see page 82) |                |      |              |                  |     |
| •310 | 1089 9357 01 | CURRENT TRANSFORMER       | 3              |      |              |                  |     |
| •320 | 1089 9472 13 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •330 | 1089 9472 27 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •332 | 1089 9472 26 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •334 | 1089 9473 01 | CIRCUIT BREAKER           | 1              |      |              |                  |     |

# OPTIONS

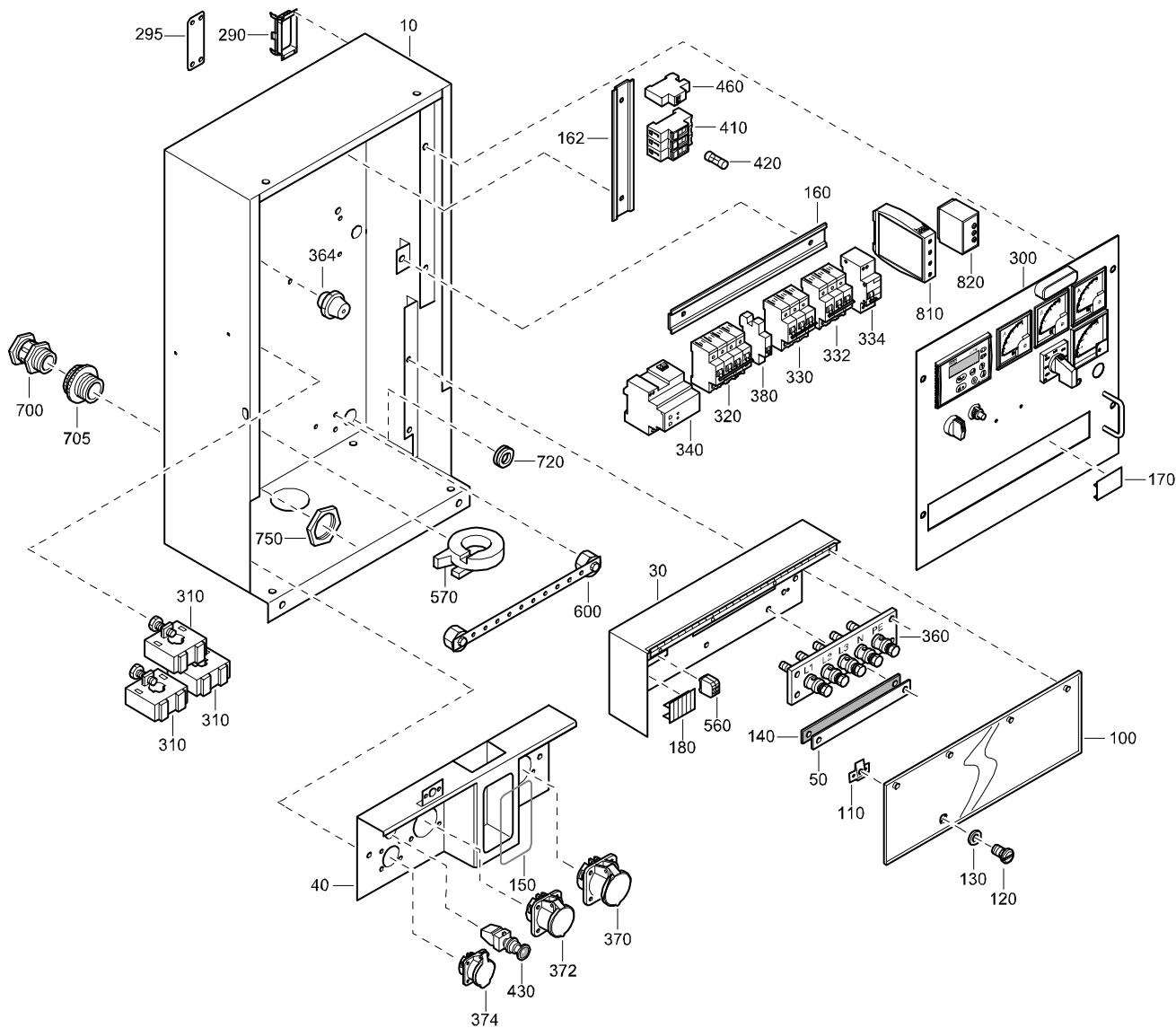
## CUBICLE FOR GENERATOR WITH REMOTE START AND IT SYSTEM



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION      | QTY |
|------|--------------|---------------------------|----------------|------|--------------|------------------|-----|
| -    | 1900 1022 64 | CUBICLE                   | (From page 54) | •340 | 1089 9450 01 | INSUL.MON.RELAY  | 1   |
| •10  | 1615 9330 07 | CUBICLE                   | 1              | •360 | 1615 7008 01 | TERMINAL BOARD   | 1   |
| •30  | 1615 9333 00 | T.B. PANEL                | 1              | •370 | 1089 0662 04 | SOCKET OUTLET    | 1   |
| •40  | 1615 9334 00 | SOCKET PANEL              | 1              | •372 | 1089 0662 12 | SOCKET OUTLET    | 1   |
| •50  | 1615 9336 00 | CABLE CLAMP               | 1              | •374 | 1089 0662 17 | SOCKET OUTLET    | 1   |
| •100 | 1615 9339 00 | PLEXI DOOR                | 1              | •380 | 1089 9473 13 | COIL             | 1   |
| •110 | 1615 6728 00 | PLATE                     | 1              | •410 | 1089 9356 11 | FUSE HOLDER      | 1   |
| •120 | 1615 7166 00 | STUD                      | 1              | •420 | 1089 9332 01 | FUSE             | 3   |
| •130 | 1615 6727 00 | WASHER                    | 1              | •430 | 1089 9422 01 | EMERGENCY STOP   | 1   |
| •140 | 1615 9337 00 | SEAL                      | 1              | •560 | 1088 0027 02 | TERMINAL         | 2   |
| •150 | 1503 1056 00 | SEAL                      | AR             | •600 | 1604 2282 00 | EARTH RAIL ASS'Y | 1   |
| •160 | 0090 1400 02 | RAIL                      | AR             | •700 | 1088 0256 23 | CABLE GLAND      | 1   |
| •162 | 0090 1400 02 | RAIL                      | AR             | •705 | 0697 9726 00 | REDUCING SLEEVE  | 1   |
| •170 | 1088 0500 05 | COVER PLATE               | AR             | •720 | 1088 0801 26 | GROMMET          | 1   |
| •180 | 1088 0027 01 | COVER PLATE               | 6              | •750 | 1088 0302 08 | NUT              | 1   |
| •290 | 1088 0029 50 | HOUSING                   | 1              |      |              |                  |     |
| •295 | 1604 1964 00 | COVER PLATE               | 1              |      |              |                  |     |
| •300 | 1900 1022 82 | CONTROL PANEL             | 1              |      |              |                  |     |
|      |              | (For details see page 82) |                |      |              |                  |     |
| •310 | 1089 9357 01 | CURRENT TRANSFORMER       | 3              |      |              |                  |     |
| •320 | 1089 9472 13 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •330 | 1089 9472 27 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •332 | 1089 9472 26 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •334 | 1089 9472 23 | CIRCUIT BREAKER           | 1              |      |              |                  |     |

# OPTIONS

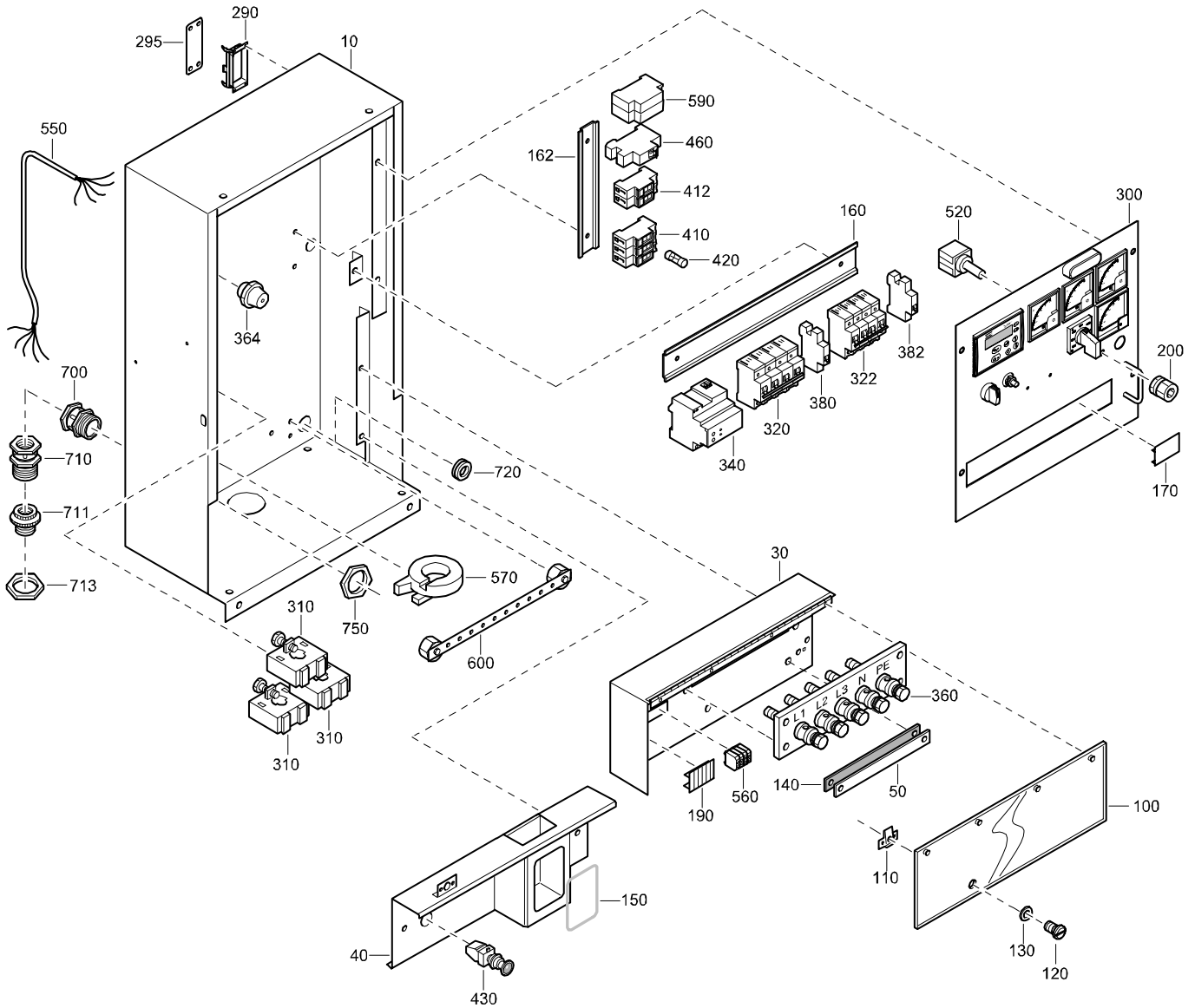
## CUBICLE FOR GENERATOR WITH REMOTE START AND OVER & UNDERVOLTAGE RELAY



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION      | QTY |
|------|--------------|---------------------------|----------------|------|--------------|------------------|-----|
| -    | 1900 1022 68 | CUBICLE                   | (From page 50) | •340 | 1089 9473 54 | EARTH RELAY      | 1   |
| •10  | 1615 9330 07 | CUBICLE                   | 1              | •360 | 1615 7008 01 | TERMINAL BOARD   | 1   |
| •30  | 1615 9333 00 | T.B. PANEL                | 1              | •364 | 1089 9385 02 | ISOLATOR         | 1   |
| •40  | 1615 9334 00 | SOCKET PANEL              | 1              | •370 | 1089 0662 04 | SOCKET OUTLET    | 1   |
| •50  | 1615 9336 00 | CABLE CLAMP               | 1              | •372 | 1089 0662 12 | SOCKET OUTLET    | 1   |
| •100 | 1615 9339 00 | PLEXI DOOR                | 1              | •374 | 1089 0662 17 | SOCKET OUTLET    | 1   |
| •110 | 1615 6728 00 | PLATE                     | 1              | •380 | 1089 9473 13 | COIL             | 1   |
| •120 | 1615 7166 00 | STUD                      | 1              | •410 | 1089 9356 11 | FUSE HOLDER      | 1   |
| •130 | 1615 6727 00 | WASHER                    | 1              | •420 | 1089 9332 01 | FUSE             | 3   |
| •140 | 1615 9337 00 | SEAL                      | 1              | •430 | 1089 9422 01 | EMERGENCY STOP   | 1   |
| •150 | 1503 1056 00 | SEAL                      | AR             | •460 | 1089 9473 20 | SWITCH           | 1   |
| •160 | 0090 1400 02 | RAIL                      | AR             | •560 | 1088 0027 02 | TERMINAL         | 2   |
| •162 | 0090 1400 02 | RAIL                      | AR             | •570 | 1089 9473 55 | TORUS            | 1   |
| •170 | 1088 0500 05 | COVER PLATE               | AR             | •600 | 1604 2282 00 | EARTH RAIL ASS'Y | 1   |
| •180 | 1088 0027 01 | COVER PLATE               | 6              | •700 | 1088 0256 23 | CABLE GLAND      | 1   |
| •290 | 1088 0029 50 | HOUSING                   | 1              | •705 | 0697 9726 00 | REDUCING SLEEVE  | 1   |
| •295 | 1604 1964 00 | COVER PLATE               | 1              | •720 | 1088 0801 26 | GROMMET          | 1   |
| •300 | 1900 1022 82 | CONTROL PANEL             | 1              | •750 | 1088 0302 08 | NUT              | 1   |
|      |              | (For details see page 82) |                | •810 | 1089 9557 04 | VOLT.MON.RELAY   | 1   |
| •310 | 1089 9357 01 | CURRENT TRANSFORMER       | 3              | •820 | 1089 9557 12 | SUPPLY MODULE    | 1   |
| •320 | 1089 9472 13 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •330 | 1089 9472 27 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •332 | 1089 9472 26 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •334 | 1089 9473 01 | CIRCUIT BREAKER           | 1              |      |              |                  |     |

# OPTIONS

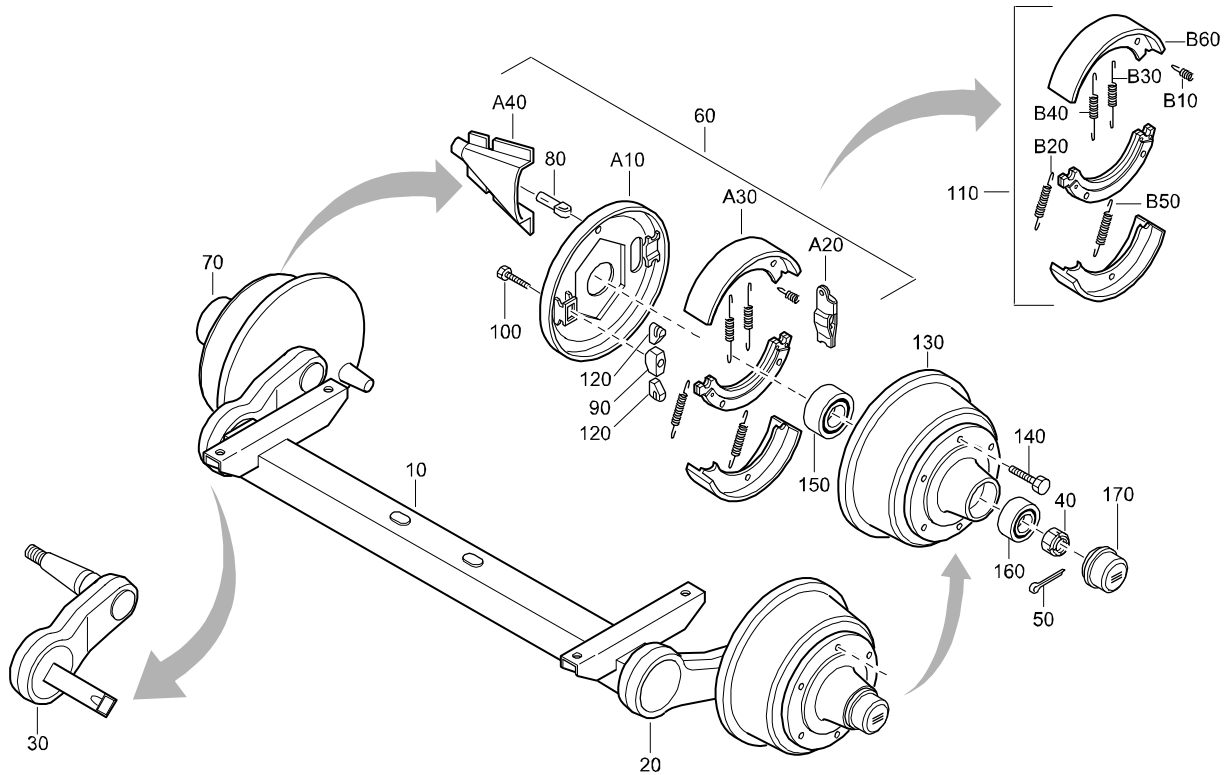
## CUBICLE FOR GENERATOR WITH 3V, 60HZ OUTPUT AND REMOTE START



| REF  | PART NUMBER  | DESIGNATION               | QTY            | REF  | PART NUMBER  | DESIGNATION      | QTY |
|------|--------------|---------------------------|----------------|------|--------------|------------------|-----|
| -    | 1900 1022 77 | CUBICLE                   | (From page 48) | •360 | 1615 7008 01 | TERMINAL BOARD   | 1   |
| •10  | 1615 9330 07 | CUBICLE                   | 1              | •364 | 1089 9385 02 | ISOLATOR         | 1   |
| •30  | 1615 9333 00 | T.B. PANEL                | 1              | •380 | 1089 9473 13 | COIL             | 1   |
| •40  | 1615 9335 00 | NO SOCKET PANEL           | 1              | •382 | 1089 9473 13 | COIL             | 1   |
| •50  | 1615 9336 00 | CABLE CLAMP               | 1              | •410 | 1089 9356 11 | FUSE HOLDER      | 1   |
| •100 | 1615 9339 00 | PLEXI DOOR                | 1              | •412 | 1089 9356 13 | FUSE HOLDER      | 2   |
| •110 | 1615 6728 00 | PLATE                     | 1              | •420 | 1089 9332 01 | FUSE             | 5   |
| •120 | 1615 7166 00 | STUD                      | 1              | •430 | 1089 9422 01 | EMERGENCY STOP   | 1   |
| •130 | 1615 6727 00 | WASHER                    | 1              | •460 | 1089 9473 20 | SWITCH           | 1   |
| •140 | 1615 9337 00 | SEAL                      | 1              | •520 | 1089 9371 20 | POTMETER         | 1   |
| •150 | 1503 1056 00 | SEAL                      | AR             | •550 | 1615 7912 02 | WIRE HARNESS     | 1   |
| •160 | 0090 1400 02 | RAIL                      | AR             | •560 | 1088 0027 02 | TERMINAL         | 4   |
| •162 | 0090 1400 02 | RAIL                      | AR             | •570 | 1089 9473 55 | TORUS            | 1   |
| •170 | 1088 0500 05 | COVER PLATE               | AR             | •590 | 1089 9384 01 | AUXILIARY RELAY  | 2   |
| •190 | 1088 0027 01 | COVER PLATE               | 6              | •600 | 1604 2283 00 | EARTH RAIL ASS'Y | 1   |
| •200 | 1089 9371 50 | SPINDLE LOCK              | 1              | •700 | 1088 0256 27 | CABLE GLAND      | 2   |
| •290 | 1088 0029 50 | HOUSING                   | 1              | •710 | 1088 0256 27 | CABLE GLAND      | 1   |
| •295 | 1604 1964 00 | COVER PLATE               | 1              |      |              |                  |     |
| •300 | 1900 1022 83 | CONTROL PANEL             | 1              |      |              |                  |     |
|      |              | (For details see page 83) |                |      |              |                  |     |
| •310 | 1089 9357 14 | CURRENT TRANSFORMER       | 3              |      |              |                  |     |
| •320 | 1089 9472 56 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •322 | 1089 9472 45 | CIRCUIT BREAKER           | 1              |      |              |                  |     |
| •340 | 1089 9473 54 | EARTH RELAY               | 1              |      |              |                  |     |

# OPTIONS

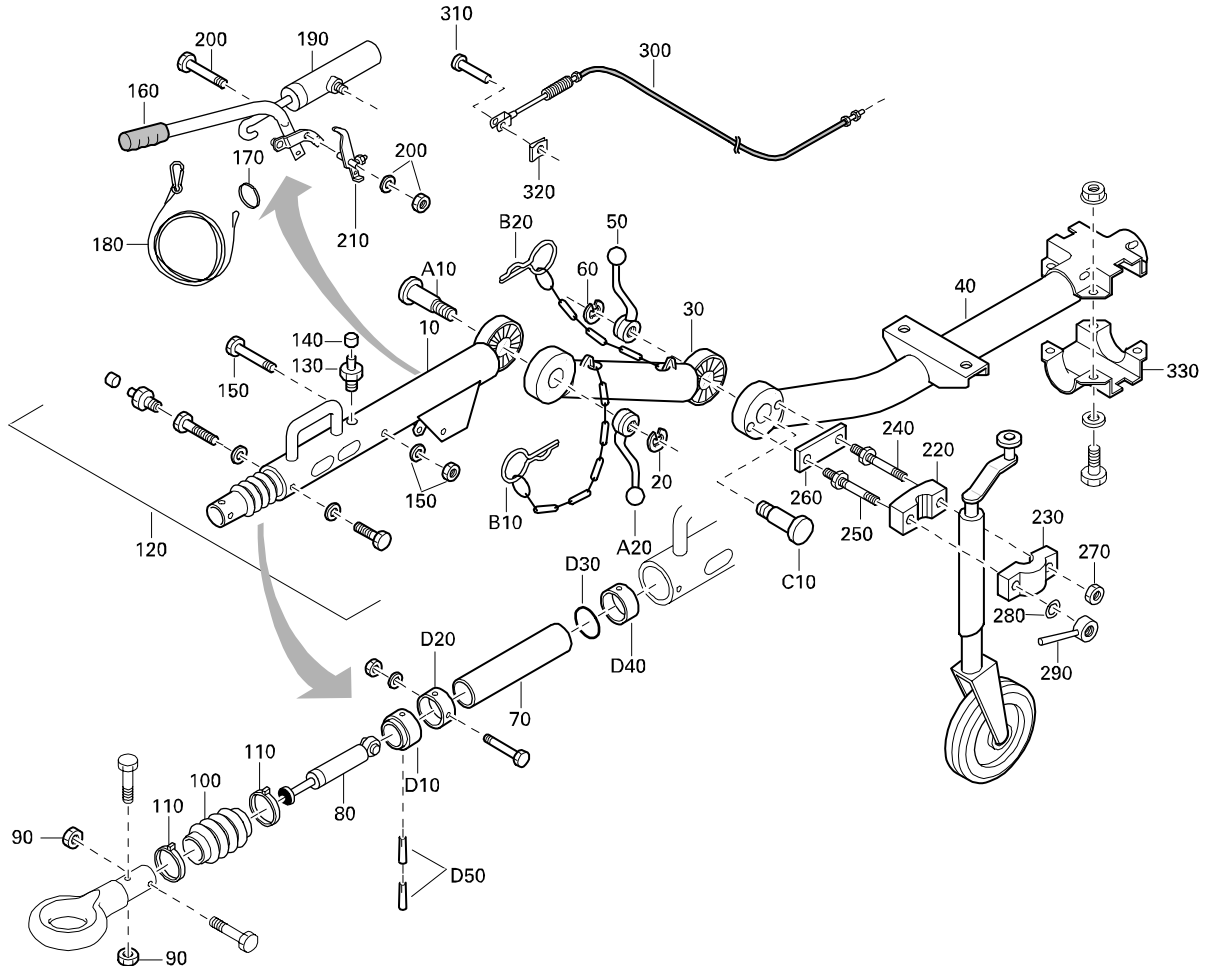
## AXLE



| REF  | PART NUMBER  | DESIGNATION                             | QTY | REF  | PART NUMBER  | DESIGNATION      | QTY |
|------|--------------|-----------------------------------------|-----|------|--------------|------------------|-----|
| -    | 1615 7312 00 | AXLE (From page 56, 58, 60, 62, 64, 66) |     | •B50 | -            | BRAKE SHOE COMPL | 2   |
| •10  | -            | TUBE OF AXLE-GROUP                      | 1   | •B60 | -            | BRAKE SHOE       | 2   |
| •20  | -            | TRAILING LINK LEFT COMPL.               | 1   | •120 | 2900 0904 00 | ABUTMENT BLOCK   | 4   |
| •30  | -            | TRAILING LINK RIGHT COMPL.              | 1   | •130 | 2914 0131 00 | BRAKE DRUM       | 2   |
| •40  | 1619 0164 00 | CASTEL NUT                              | 2   | •140 | 2914 0132 00 | BOLT             | 10  |
| •50  | 0111 1375 00 | SPLIT PIN                               | 2   | •150 | 1619 2814 00 | BEARING          | 2   |
| •60  | -            | LEFT BRAKE                              | 2   | •160 | 2914 0133 00 | BEARING          | 2   |
| •A10 | 2914 0022 00 | PLATE                                   | 2   | •170 | 2900 0684 00 | CAP              | 2   |
| •A20 | 2900 0794 00 | CLASP                                   | 2   |      |              |                  |     |
| •A30 | -            | BRAKE SHOE                              | 2   |      |              |                  |     |
| •A40 | 2900 0808 00 | PLUG                                    | 2   |      |              |                  |     |
| •70  | -            | RIGHT BRAKE                             | 2   |      |              |                  |     |
| •A10 | 2914 0022 00 | PLATE                                   | 2   |      |              |                  |     |
| •A20 | 2900 0794 00 | CLASP                                   | 2   |      |              |                  |     |
| •A30 | -            | BRAKE SHOE                              | 2   |      |              |                  |     |
| •A40 | 2900 0808 00 | PLUG                                    | 2   |      |              |                  |     |
| •80  | 2900 1020 00 | CATCH                                   | 2   |      |              |                  |     |
| •90  | 2900 1142 00 | TIGHTENER                               | 2   |      |              |                  |     |
| •100 | 2900 1143 00 | BOLT                                    | 2   |      |              |                  |     |
| •110 | 2911 0048 00 | BRAKE SHOE KIT                          | 2   |      |              |                  |     |
| •B10 | -            | SPRING                                  | 2   |      |              |                  |     |
| •B20 | -            | SPRING                                  | 4   |      |              |                  |     |
| •B30 | -            | SPRING                                  | 2   |      |              |                  |     |
| •B40 | -            | SPRING                                  | 2   |      |              |                  |     |

# OPTIONS

## TOWBAR



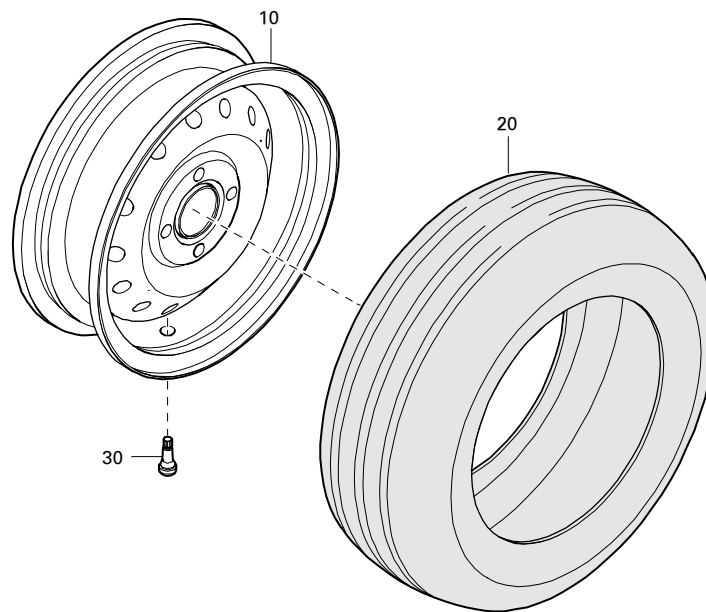
| REF  | PART NUMBER  | DESIGNATION                              | QTY | REF  | PART NUMBER  | DESIGNATION | QTY |
|------|--------------|------------------------------------------|-----|------|--------------|-------------|-----|
| -    | 1615 7367 00 | TOWBAR(From page 56, 58, 60, 62, 64, 66) |     | •140 | 2900 0850 00 | CAP         | 1   |
| •10  | 2914 2112 00 | HOUSING                                  | 1   | •150 | 2900 0858 00 | ASSY SET    | 1   |
| •A10 | 2900 0833 00 | BOLT                                     | 1   | •160 | 2900 1136 00 | LEVER       | 1   |
| •A20 | 2900 0834 00 | LOCKING HANDLE                           | 1   | •170 | 2900 0424 00 | RING        | 1   |
| •20  | 2900 0835 00 | SAFETY CLAMP                             | 1   | •180 | 2900 0814 00 | CABLE       | 1   |
| •30  | 2900 0721 00 | ADJUSTING BAR                            | 1   | •190 | 2900 1137 00 | SPRING      | 1   |
| •B10 | 2900 0836 00 | SAFETY COTTER                            | 1   | •200 | 2900 0816 00 | ASSY SET    | 1   |
| •B20 | 2900 0837 00 | SAFETY COTTER                            | 1   | •210 | 2900 0849 00 | LEVER       | 1   |
| •40  | 2914 2078 00 | BAR                                      | 1   | •220 | 2900 0827 00 | CLAMP       | 1   |
| •C10 | 2900 0839 00 | BOLT                                     | 1   | •230 | 2900 0819 00 | CLAMP       | 1   |
| •50  | 2900 0840 00 | LOCKING HANDLE                           | 1   | •240 | 2900 0828 00 | BOLT        | 1   |
| •60  | 2900 0841 00 | SAFETY CLAMP                             | 1   | •250 | 2900 0829 00 | BOLT        | 2   |
| •70  | 2914 2113 00 | BUSH                                     | 1   | •260 | 2900 0820 00 | BRACKET     | 1   |
| •D10 | 1202 9264 00 | BUSH                                     | 1   | •270 | 2914 2032 00 | LOCKNUT     | 1   |
| •D20 | 1202 9263 00 | BUSH                                     | 1   | •280 | 2914 2023 00 | SPACER      | 1   |
| •D30 | 1202 9251 00 | RING                                     | 1   | •290 | 2900 0744 00 | HANDLE      | 1   |
| •D40 | 1202 9246 00 | SETTING RING                             | 1   | •300 | 2914 2077 00 | BRAKE CABLE | 1   |
| •D50 | 2900 0710 00 | DOWEL PIN                                | 1   | •310 | 2914 2025 00 | PIN         | 1   |
| •80  | 1202 9249 00 | SHOCK ABSORBER                           | 1   | •320 | 2914 2026 00 | CLIP        | 1   |
| •90  | 0291 1112 00 | LOCKNUT                                  | 2   | •330 | 1202 8953 00 | CLAMP       | 1   |
| •100 | 2900 0448 00 | EXPANSION BELLOWS                        | 1   |      |              |             |     |
| •110 | 1088 1301 03 | TIGHTENING STRAP                         | 4   |      |              |             |     |
| •120 | 2900 0714 00 | ASSY SET                                 | 1   |      |              |             |     |
| •130 | 2914 2046 00 | GREASE NIPPLE                            | 1   |      |              |             |     |

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## OPTIONS

### TYRE ASSEMBLY

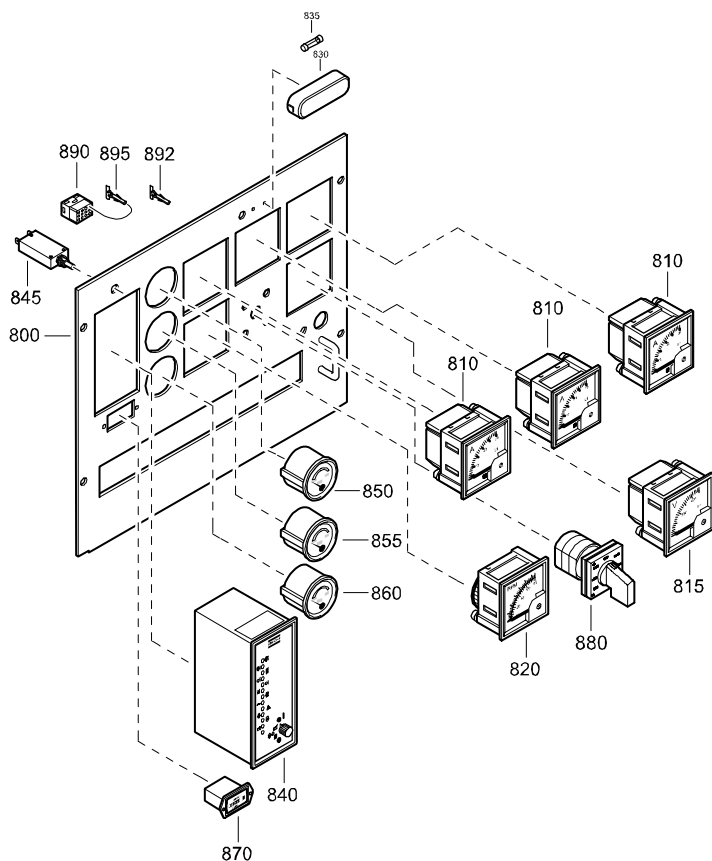
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| REF | PART NUMBER  | DESIGNATION                                            | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|-----|--------------|--------------------------------------------------------|-----|-----|-------------|-------------|-----|
| -   | 1615 9759 80 | TYRE ASSY 165R14<br>(From page 56, 58, 60, 62, 64, 66) |     |     |             |             |     |
| •10 | 1614 4348 00 | WHEEL                                                  | 1   |     |             |             |     |
| •20 | 0538 0400 04 | TYRE                                                   | 1   |     |             |             |     |
| •30 | 1615 6322 00 | VENTIL                                                 | 1   |     |             |             |     |

# OPTIONS

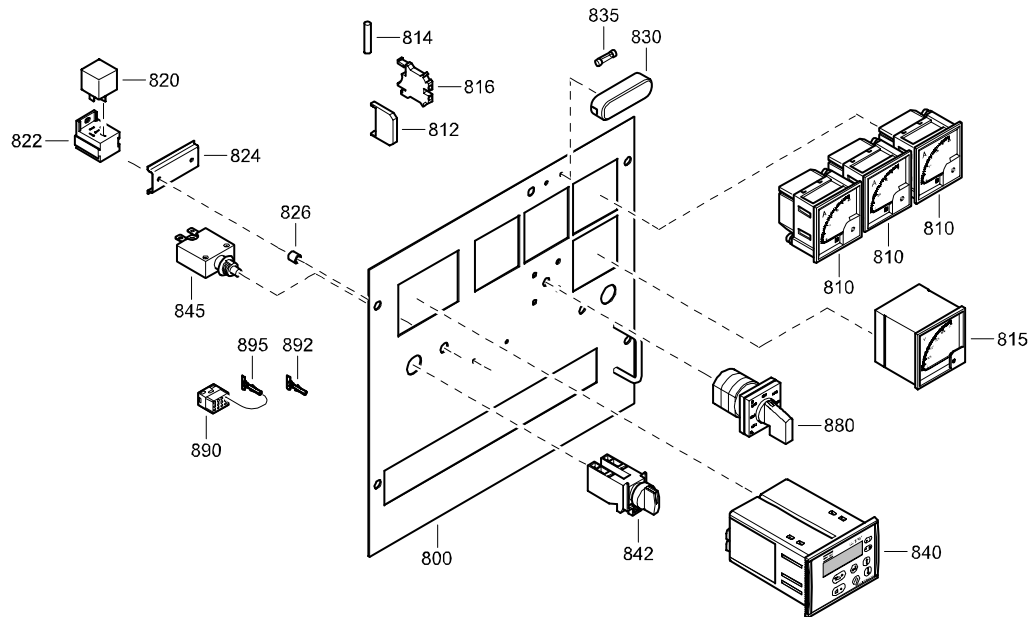
## CONTROL PANEL FOR GENERATOR WITH AUTOMATIC MAINS FAILURE



| REF  | PART NUMBER  | DESIGNATION                      | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|------|--------------|----------------------------------|-----|-----|-------------|-------------|-----|
| -    | 1900 1012 84 | CONTROL PANEL (From page 70, 71) |     |     |             |             |     |
| •800 | 1615 9332 00 | CONTROL PANEL                    | 1   |     |             |             |     |
| •810 | 1089 9381 11 | AMPEREMETER                      | 3   |     |             |             |     |
| •815 | 1089 9383 01 | VOLTMETER                        | 1   |     |             |             |     |
| •820 | 1089 9382 11 | FREQUENCY METER                  | 1   |     |             |             |     |
| •830 | 1089 9354 01 | PANELLIGHT                       | 1   |     |             |             |     |
| •835 | 1619 1609 00 | BULB                             | 1   |     |             |             |     |
| •840 | 1089 9455 81 | MODULE                           | 1   |     |             |             |     |
| •845 | 1089 9423 01 | CIRCUIT BREAKER                  | 1   |     |             |             |     |
| •850 | 1089 0630 21 | TEMPERATURE GAUGE                | 1   |     |             |             |     |
| •855 | 1089 0565 23 | PRESSURE GAUGE                   | 1   |     |             |             |     |
| •860 | 1089 0631 01 | FUEL GAUGE                       | 1   |     |             |             |     |
| •870 | 1089 9420 01 | HOURLMETER                       | 1   |     |             |             |     |
| •880 | 1089 9614 01 | SWITH                            | 1   |     |             |             |     |
| •890 | 1088 0029 45 | MALE INSERT                      | 1   |     |             |             |     |
| •892 | 1088 0029 56 | MALE CONTACT                     | 9   |     |             |             |     |
| •895 | 1088 0029 55 | MALE CONTACT                     | 2   |     |             |             |     |

# OPTIONS

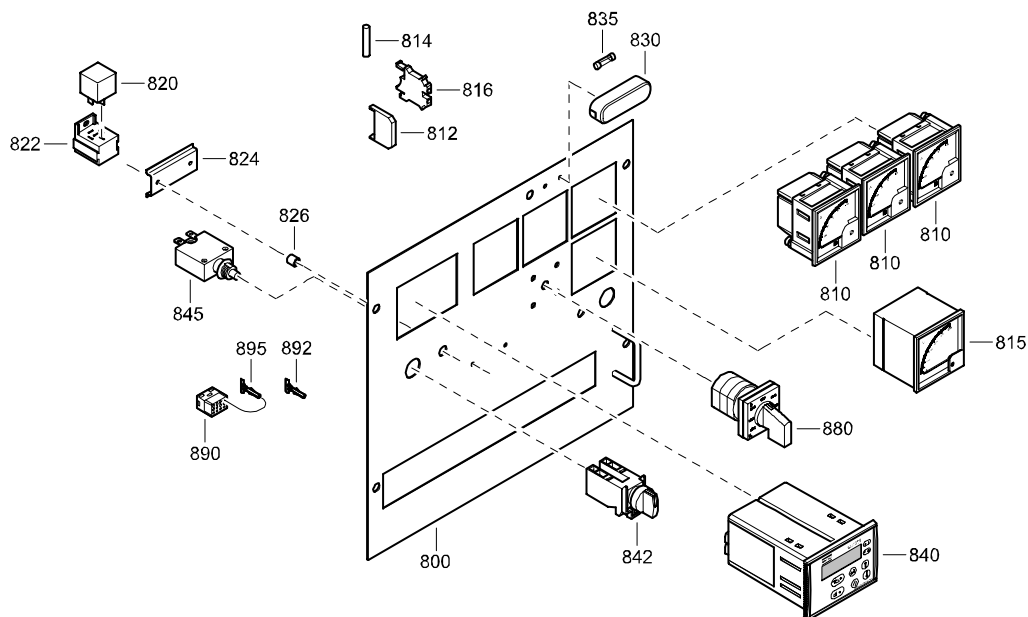
## CONTROL PANEL FOR GENERATOR WITH REMOTE START



| REF  | PART NUMBER  | DESIGNATION                    | QTY | REF | PART NUMBER | DESIGNATION | QTY |
|------|--------------|--------------------------------|-----|-----|-------------|-------------|-----|
| -    | 1900 1022 82 | CONTROL PANEL                  |     |     |             |             |     |
|      |              | (From page 72, 73, 74, 75, 76) |     |     |             |             |     |
| •800 | 1604 8171 00 | PANEL                          | 1   |     |             |             |     |
| •810 | 1089 9381 11 | AMPEREMETER                    | 3   |     |             |             |     |
| •812 | 1089 0506 19 | DIODE                          | 2   |     |             |             |     |
| •814 | 1089 0310 14 | RESISTOR                       | 1   |     |             |             |     |
| •815 | 1089 9383 01 | VOLTMETER                      | 1   |     |             |             |     |
| •816 | 1089 0577 12 | TERMINAL                       | 1   |     |             |             |     |
| •820 | 1089 0341 07 | RELAY                          | 1   |     |             |             |     |
| •822 | 1089 0358 01 | SOCKET                         | 1   |     |             |             |     |
| •824 | 0993 7106 07 | RAIL                           | AR  |     |             |             |     |
| •826 | 0324 1102 00 | DISTANCE SLEEVE                | 1   |     |             |             |     |
| •830 | 1089 9354 01 | PANELLIGHT                     | 1   |     |             |             |     |
| •835 | 1619 1609 00 | BULB                           | 1   |     |             |             |     |
| •840 | 1089 9561 82 | QC1001 CONTROLLER              | 1   |     |             |             |     |
| •842 | 1089 0263 11 | SELECTOR SWITCH                | 1   |     |             |             |     |
| •845 | 1089 9423 01 | CIRCUIT BREAKER                | 1   |     |             |             |     |
| •880 | 1089 9614 01 | SWITH                          | 1   |     |             |             |     |
| •890 | 1088 0029 45 | MALE INSERT                    | 1   |     |             |             |     |
| •892 | 1088 0029 56 | MALE CONTACT                   | 9   |     |             |             |     |
| •895 | 1088 0029 55 | MALE CONTACT                   | 2   |     |             |             |     |

# OPTIONS

## CONTROL PANEL FOR GENERATOR WITH 3V, 60HZ OUTPUT AND REMOTE START



| REF  | PART NUMBER  | DESIGNATION       | QTY            | REF | PART NUMBER | DESIGNATION | QTY |
|------|--------------|-------------------|----------------|-----|-------------|-------------|-----|
| -    | 1900 1022 83 | CONTROL PANEL     | (From page 77) |     |             |             |     |
| •800 | 1604 8171 00 | PANEL             | 1              |     |             |             |     |
| •810 | 1089 9381 17 | AMPEREMETER       | 3              |     |             |             |     |
| •812 | 1089 0506 19 | DIODE             | 2              |     |             |             |     |
| •814 | 1089 0310 14 | RESISTOR          | 1              |     |             |             |     |
| •815 | 1089 9383 01 | VOLTMETER         | 1              |     |             |             |     |
| •816 | 1089 0577 12 | TERMINAL          | 1              |     |             |             |     |
| •820 | 1089 0341 07 | RELAY             | 1              |     |             |             |     |
| •822 | 1089 0358 01 | SOCKET            | 1              |     |             |             |     |
| •824 | 0993 7106 07 | RAIL              | AR             |     |             |             |     |
| •826 | 0324 1102 00 | DISTANCE SLEEVE   | 1              |     |             |             |     |
| •830 | 1089 9354 01 | PANELLIGHT        | 1              |     |             |             |     |
| •835 | 1619 1609 00 | BULB              | 1              |     |             |             |     |
| •840 | 1089 9561 82 | QC1001 CONTROLLER | 1              |     |             |             |     |
| •842 | 1089 0263 11 | SELECTOR SWITCH   | 1              |     |             |             |     |
| •845 | 1089 9423 01 | CIRCUIT BREAKER   | 1              |     |             |             |     |
| •880 | 1089 9614 01 | SWITH             | 1              |     |             |             |     |
| •890 | 1088 0029 45 | MALE INSERT       | 1              |     |             |             |     |
| •892 | 1088 0029 56 | MALE CONTACT      | 9              |     |             |             |     |
| •895 | 1088 0029 55 | MALE CONTACT      | 2              |     |             |             |     |





