

QAC 1000 DD

Engine TBD616V16

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Engine TBD616V16

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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.

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- 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.

ORDERING SPARE PARTS

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 RESERVDLAR

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 : RESERVDLSNUMMER

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

DESIGNATION : BENÄMNING

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

QTY : KVANTITET

Anger den ifrågakvarande 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 συλροτήματος 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 "Ως 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 monteringslistan 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: VIITEKOODI

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".

ORDERING SPARE PARTS

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 szerelvény 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 SÚČIASTOK

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 uvedený 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".

VARUOSADE TELLIMINE

Alati viidake osa numbrile, tähisele ja vajalikule osade kogusele, samuti masina tüübile 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.

TÄHIS

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

QTY : KOGUS

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

ATSARGINIØ DALIØ UPSAKYMAS

Visuomet nurodykite dalies numerá, pavadinimà ir reikiamà daliø kieká, taip pat ir maðinos tipà bei serijiná numerá.

STULPELIØ PAAIÞKINIMAI

NRD.: NUORODOS KODAS

Susieja sàraðe nurodytà dalá su jos atvaizdu iliustracijoje. "–" reiðkia, jog dalis iliustracijoje nepavaizduota.

DALIES NUMERIS

Jei numerio nenurodyta, detalès negalima ásigyti kaip atsarginès dalies. Taðku paþymètos dalys yra prieð jas sàraðe nurodyto mazgo sudètinè dalis.

PAVADINIMAS

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

KIEK.: KIEKIS

Nurodo susijusio daliø kieká. "AR" reiðkia "As required" (pagal poreiká).

REZERVES DAÏU PASÛTIPANA

Vienmçr miniet daïas numuru, apzîmçjumu un nepiecieðamo detaïu daudzumu, kâ arî maðînas tipu un sçrijas numuru.

AIÏU IZSKAIDROJUMS

REF : ATSAUKSMES KODS

Izveido saikni starp detaïu sarakstâ un detaïu uz attçla. "–" nozîmç, ka detaïa nav attçlota ilustrâcijâ.

DETAÏAS NUMURS

Ja detaïas numurs nav minçts, tad detaïu nevar iegût kâ rezerves daïu. Ar punktu apzîmçtâs detaïas ir mezgla sastâvdaïas, kurð ir attçlots tieði virs tâm.

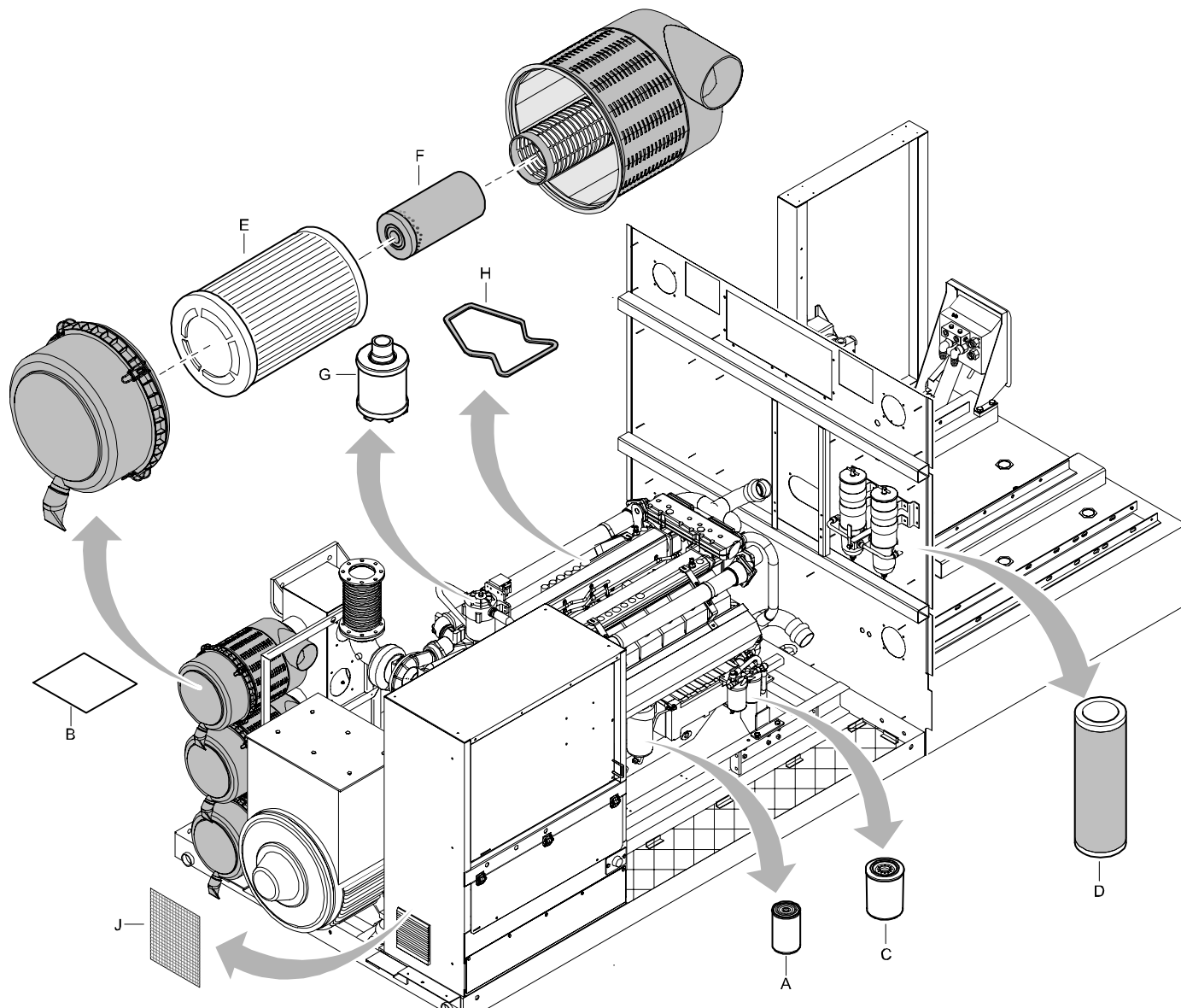
APZÎMÇJUMS

Parasti tas ir detaïas nosaukums. Standarta detaïâm, papildus nosaukumam, tiek minçta virkne raksturojumu \ specifikâciju.

QTY : DAUDZUMS

Norâda domâtâs detaïas daudzumu. "AR" nozîmç "As Required" – "kâ nepiecieðams".

SERVICE PAK



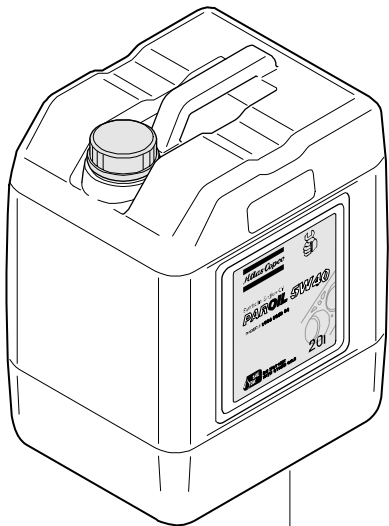
REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	WITH UNIT	SERVICE PAK 50 H (Not available separately)		-	2912 4405 06	SERVICE PAK 1500 H	
•A	-	OIL FILTER	1	•A	-	OIL FILTER	1
•B	-	PAPER SLEEVE	1	•B	-	PAPER SLEEVE	1
•H	-	GASKET	16	•C	-	FUEL FILTER	2
				•D	-	PREFILTER	2
				•E	-	AIR FILTER ELEMENT	3
				•F	-	AIR FILTER SAFETY CARTRIDGE	3
				•G	-	FILTER CRANKCASE	1
				•J	-	FILTER	1
-	2912 4404 05	SERVICE PAK 500H		-	2912 4406 07	SERVICE PAK 3000 H	
•A	-	OIL FILTER	1	•A	-	OIL FILTER	1
•B	-	PAPER SLEEVE	1	•B	-	PAPER SLEEVE	1
•C	-	FUEL FILTER	2	•C	-	FUEL FILTER	2
•D	-	PREFILTER	2	•D	-	PREFILTER	2
•G	-	FILTER CRANKCASE	1	•E	-	AIR FILTER ELEMENT	3
•J	-	FILTER	1	•F	-	AIR FILTER SAFETY CARTRIDGE	3
				•G	-	FILTER CRANKCASE	1
				•H	-	GASKET	16
				•J	-	FILTER	1

ENGINE OIL

PAROIL 5W40



A

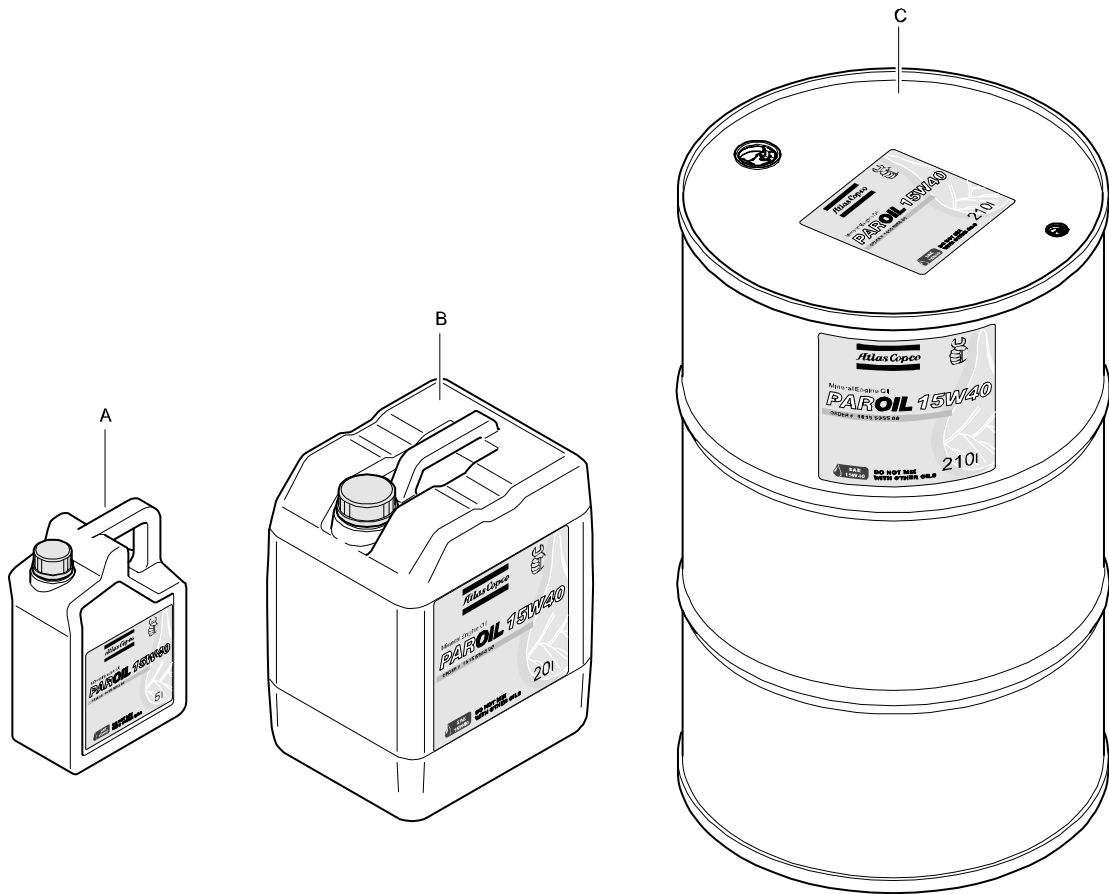


B

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
A	1604 6060 01	PAROIL 5W40 5 LITER CAN	1				
B	1604 6059 01	PAROIL 5W40 20 LITER CAN	1				

ENGINE OIL

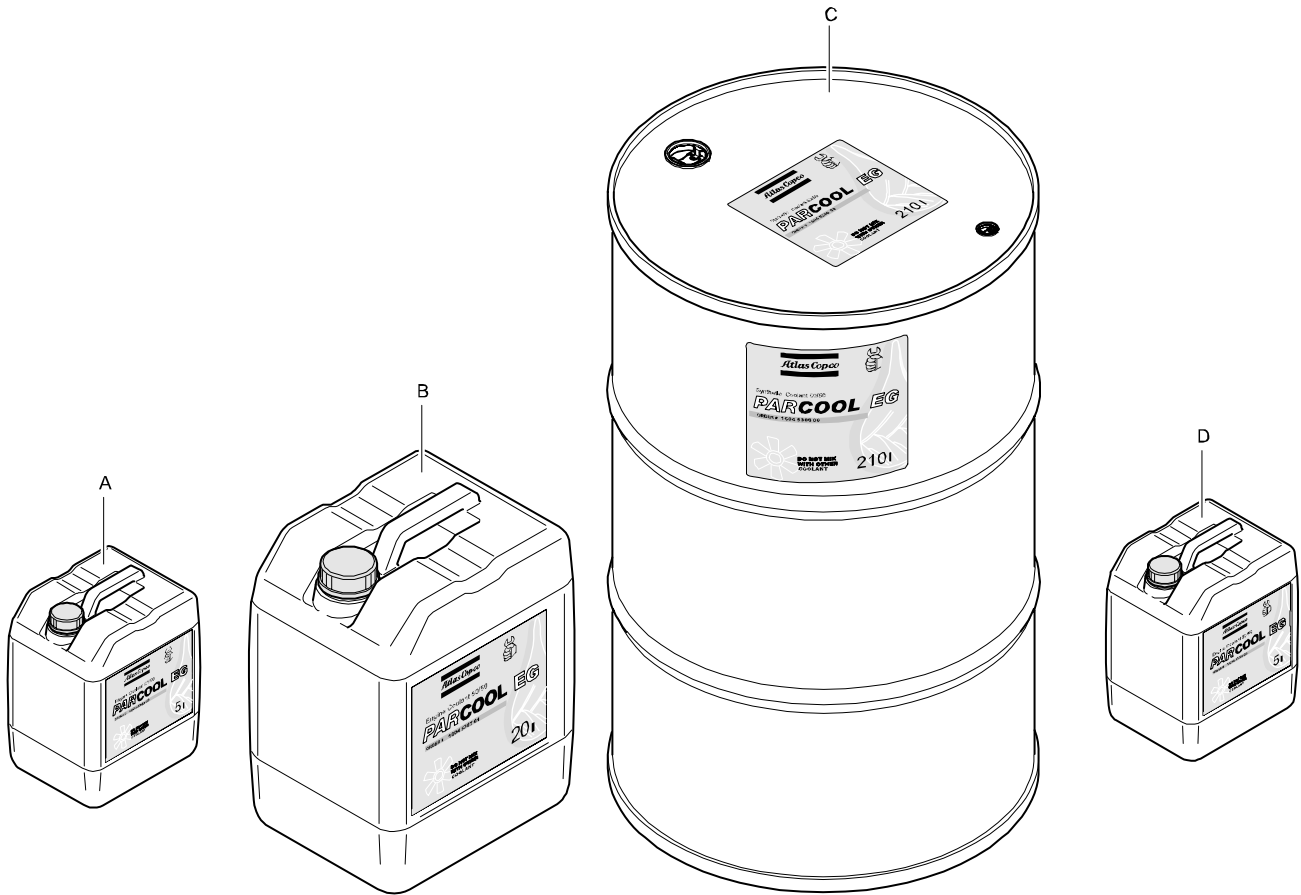
PAROIL 15W40



REF	PART NUMBER	DESIGNATION	QTY	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				

ENGINE COOLANT

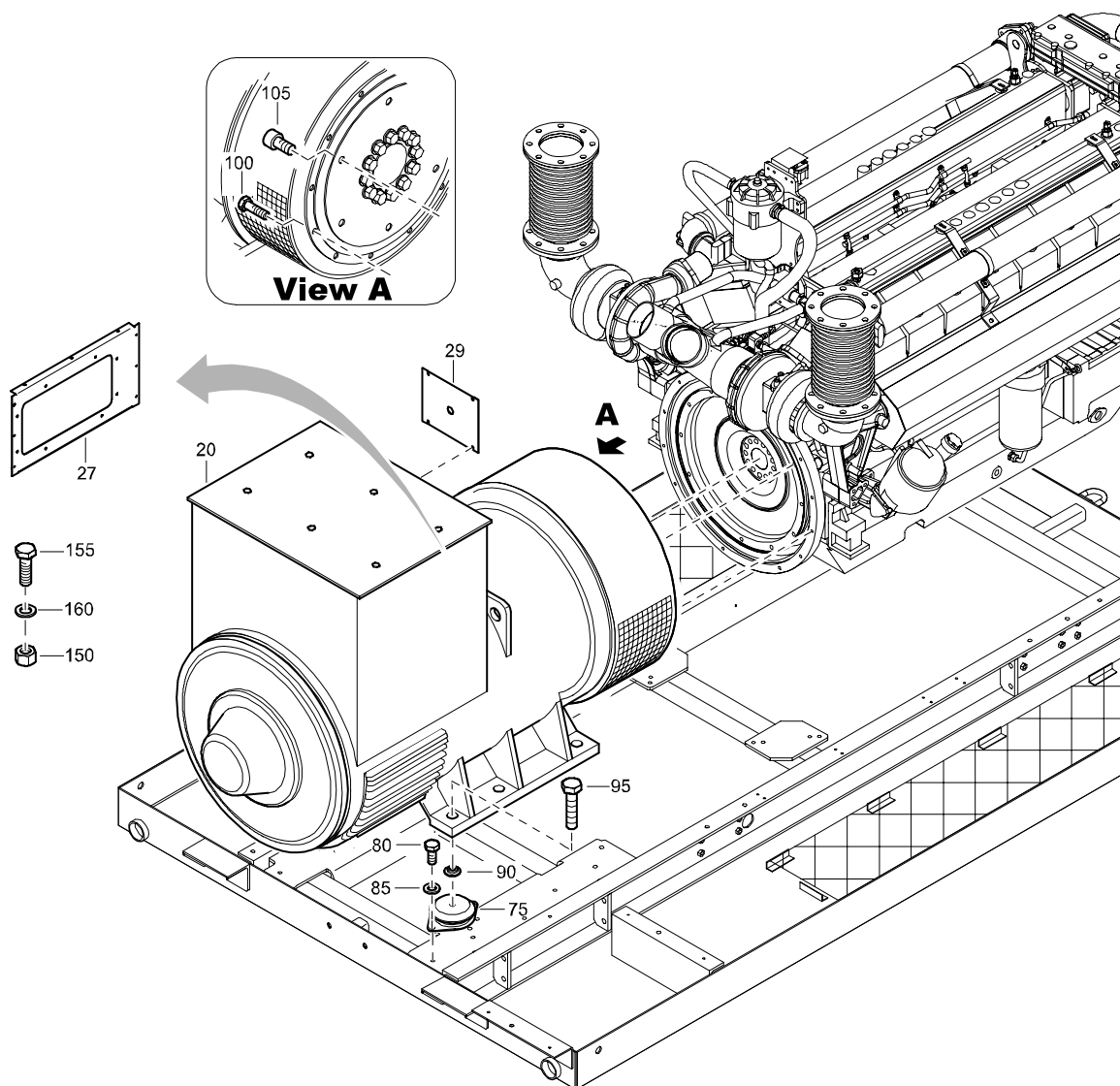
PARCOOL EG



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 5 LITER CAN	1				

STANDARD

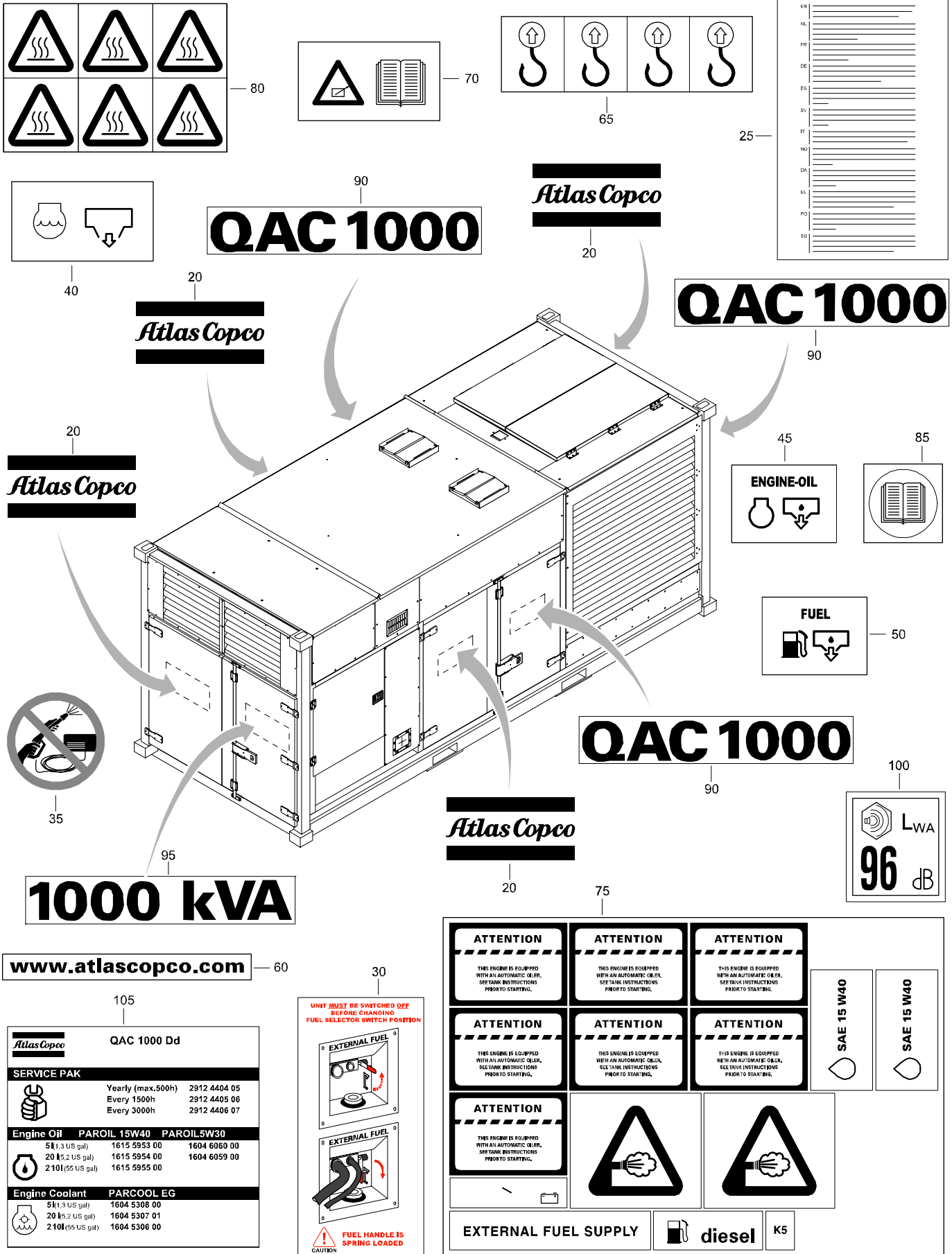
ALTERNATOR AND ACCESSORIES



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1082 3089 03	ALTERNATOR	1				
27	1604 6774 00	PLATE	1				
29	1604 6801 00	PLATE	1				
75	1020 5072 00	RUBBER BUFFER	4				
80	0147 1958 75	HEX. HEAD SCREW	8				
85	0301 2358 00	PLAIN WASHER	8				
90	1604 6750 00	SPACER	4				
95	0147 1482 03	HEX. HEAD SCREW	4				
100	0147 1403 03	HEX. HEAD SCREW	16				
105	0211 1962 90	HEX.SOCK.SCREW	6				
150	0266 2114 00	HEXAGON NUT	8				
155	0147 1478 03	HEX. HEAD SCREW	8				
160	0301 2378 00	PLAIN WASHER	16				

STANDARD

MARKINGS



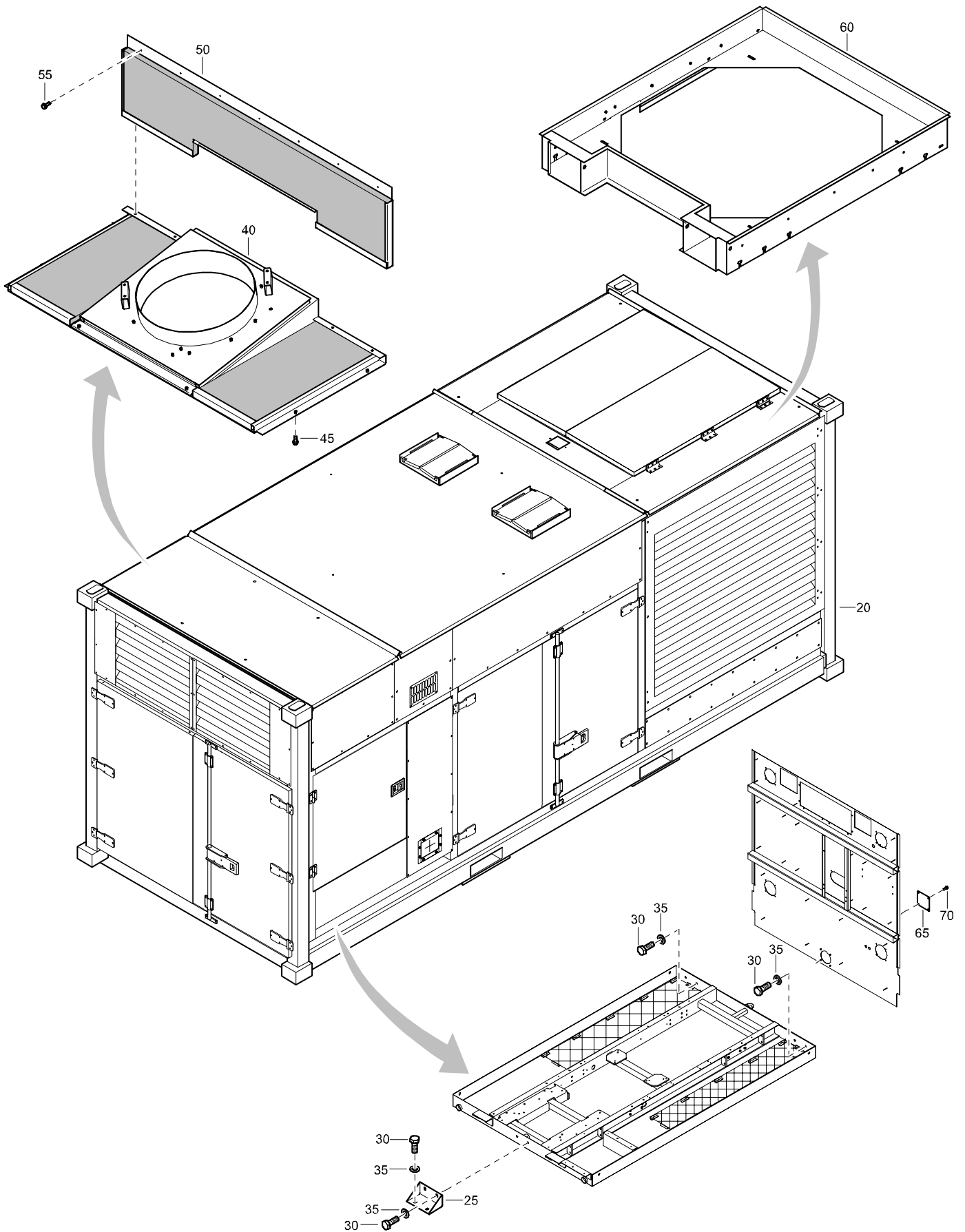
STANDARD

MARKINGS

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	0690 1101 29	HOUSE MARK	4				
25	1079 9905 41	INSTRUCTION LABEL	1				
30	1079 9903 53	DECAL	1				
35	1079 9903 61	LABEL	1				
40	1079 9918 49	INFORMATION LABEL	2				
45	1079 9914 89	INFORMATION LABEL	1				
50	1079 9909 64	INFORMATION LABEL	1				
60	1079 9921 03	INFORMATION LABEL	2				
65	1079 9902 45	INFORMATION LABEL	1				
70	1079 9902 63	WARNING LABEL	1				
75	1079 9922 02	WARNING LABEL	1				
80	1079 9922 03	WARNING LABEL	1				
85	1079 9922 07	INFORMATION LABEL	1				
90	1604 3246 00	DECAL	2				
95	1604 3247 00	DECAL	2				
100	1604 3317 13	LABEL NOISE 96LWA	1				
105	1079 9925 27	INFORMATION LABEL	1				

STANDARD

FRAME AND MOUNTS



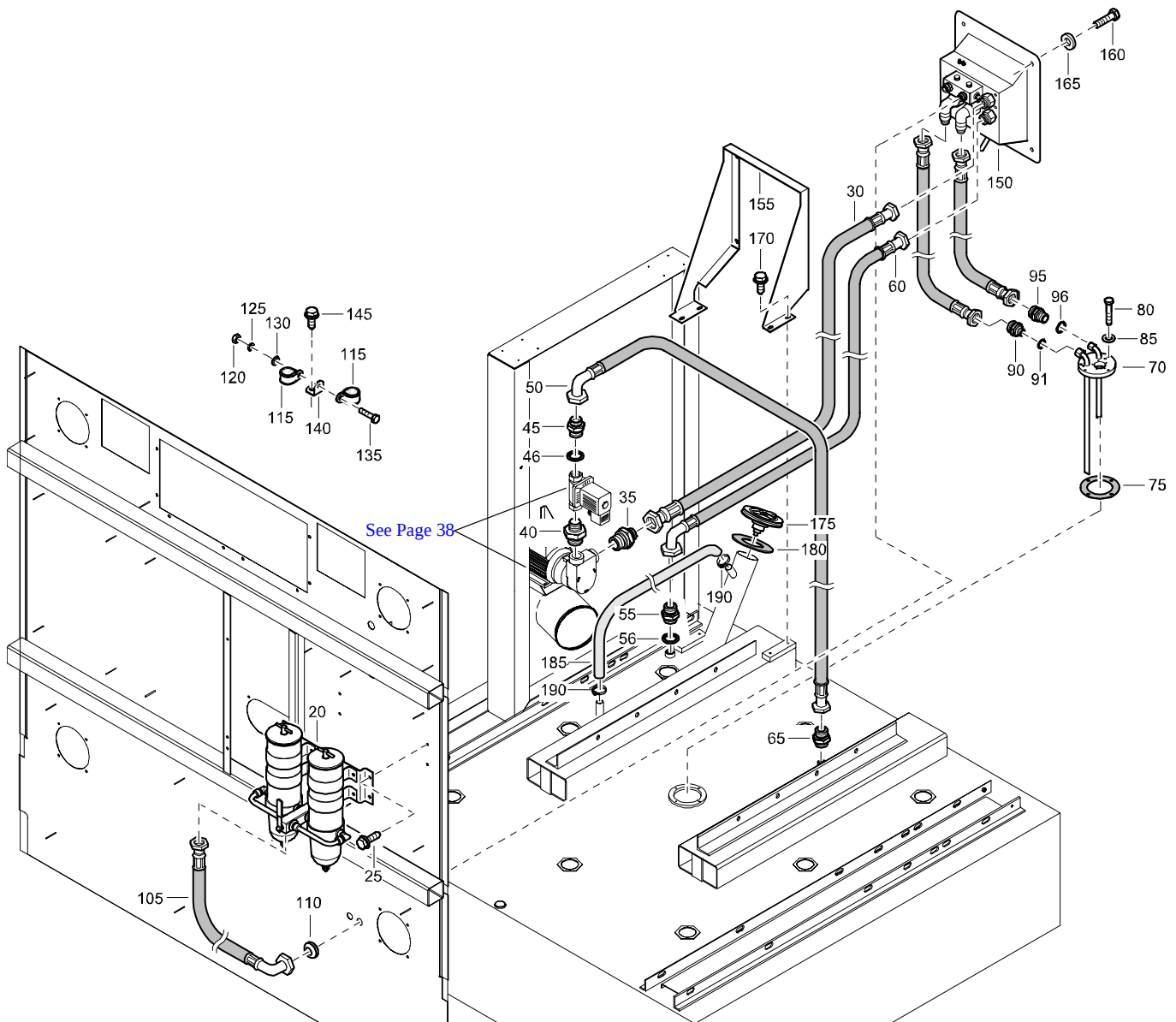
STANDARD

FRAME AND MOUNTS

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 4533 82	FRAME ASSY (For details see page 46)	1				
25	1604 4871 00	SUPPORT	1				
30	0147 1476 03	HEX. HEAD SCREW	8				
35	0301 2378 00	PLAIN WASHER	8				
40	1604 5158 84	COWL (For details see page 49)	1				
45	1619 2766 00	HEX. HEAD SCREW	8				
50	1604 5151 80	PANEL (ASSY) (For details see page 48)	1				
55	1619 2766 00	HEX. HEAD SCREW	13				
60	1604 2983 02	FANCOWL	1				
65	1604 5740 00	PLATE	1				
70	1619 2766 00	HEX. HEAD SCREW	4				

STANDARD

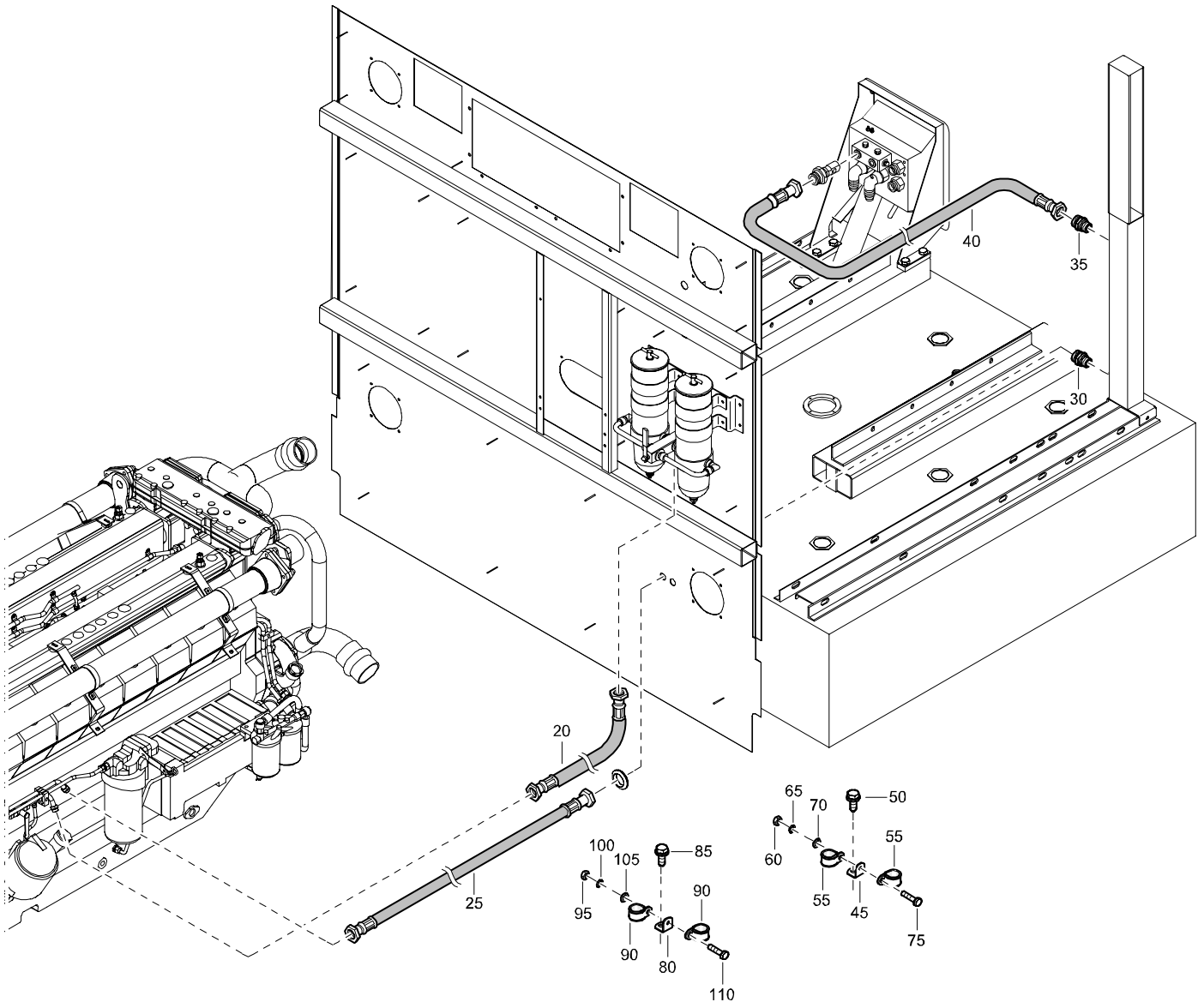
FUEL SYSTEM



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 1415 00	FILTER-WATERSEPARATOR	1	100	1604 3333 00	HOSE ASSY	2
25	1615 5664 00	HEX. HEAD SCREW	4	105	1604 6207 00	HOSE ASSY	1
30	0574 8235 37	HOSE ASSEMBLY	1	110	0989 4220 11	GROMMET	2
35	1079 5840 22	PIPE CONNECTION	1	115	0346 1000 17	PIPE CLAMP	2
40	0603 5115 03	HEXAGON NIPPLE	1	120	0266 2108 00	HEXAGON NUT	1
45	1619 5509 00	NIPPLE	1	125	0333 3220 00	LOCK WASHER	1
46	0661 1038 00	SEALING WASHER	1	130	0301 2321 00	PLAIN WASHER	1
50	0574 8235 45	HOSE ASSEMBLY	1	135	0147 1249 03	HEX. HEAD SCREW	1
55	1619 5509 00	NIPPLE	1	140	1615 1789 00	BRACKET	1
56	0661 1038 00	SEALING WASHER	1	145	1619 2766 00	HEX. HEAD SCREW	1
60	0574 8235 24	HOSE ASSEMBLY	1	150	1604 2910 83	FUNNEL ASSY	1
65	1619 5509 00	NIPPLE	1		(For details see page 45)		
70	1604 4399 01	MANIFOLD	1	155	1604 2911 01	BRACKET	1
75	1604 2780 02	GASKET	1	160	0147 1326 02	HEX. HEAD SCREW	4
80	0147 1250 03	HEX. HEAD SCREW	4	165	0300 0274 49	PLAIN WASHER	4
85	0301 2321 00	PLAIN WASHER	4	170	1619 2766 00	HEX. HEAD SCREW	4
90	0571 0035 45	HEXAGON NIPPLE	1	175	1615 6947 01	COVER	1
91	0653 1100 00	FLAT GASKET	1	180	1604 0248 00	RUBBER RING	1
95	1079 5840 15	NIPPLE	1	185	0099 9910 47	PLASTIC TUBE	AR
96	0653 1124 00	FLAT GASKET	1	190	0347 6109 00	HOSE CLIP	2

STANDARD

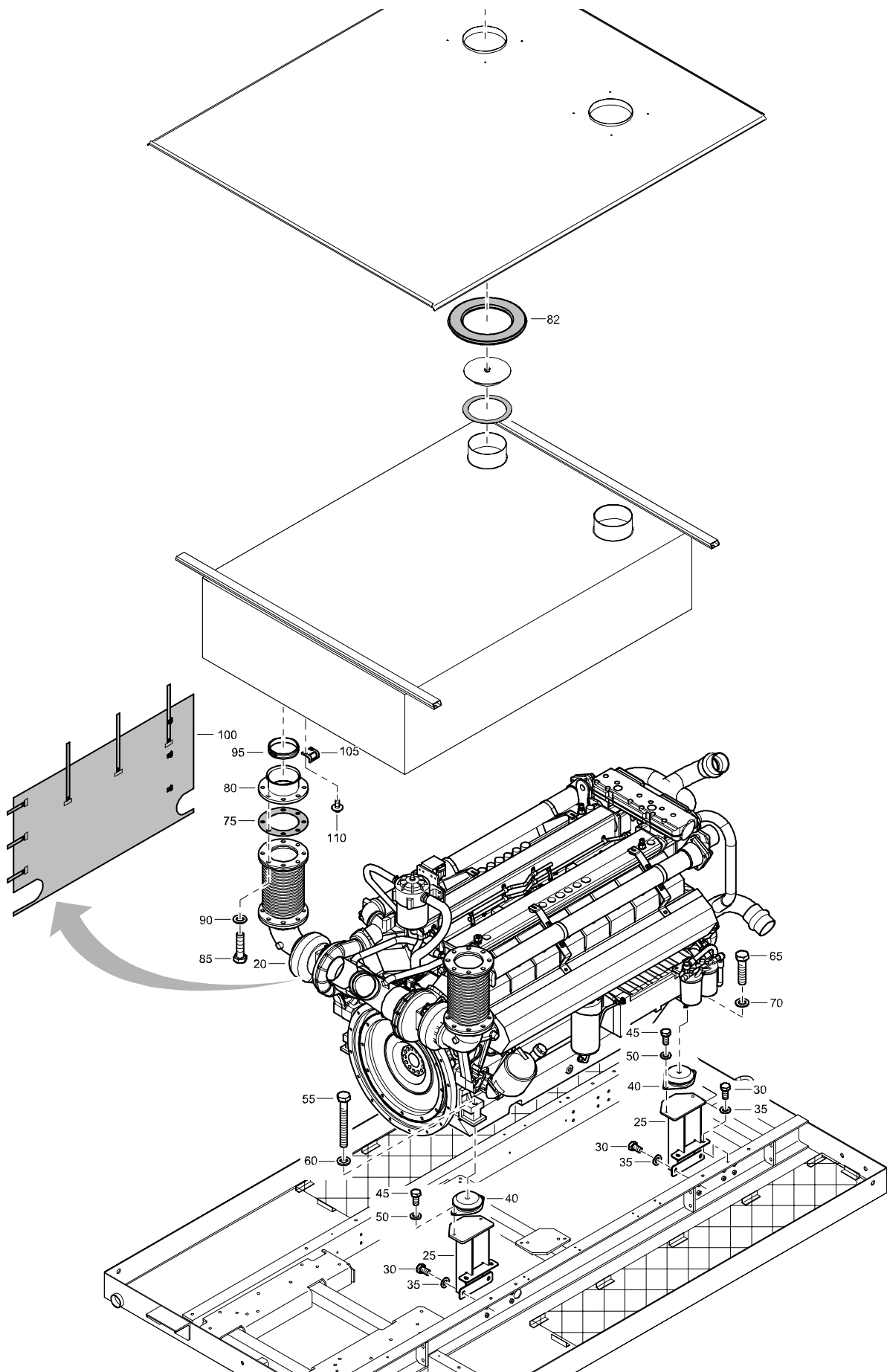
FUEL SYSTEM



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 6208 00	HOSE ASSY	1				
25	0574 8065 79	HOSE ASSY	1				
30	1079 5840 11	HEXAGON NIPPLE	1				
35	1079 5840 15	NIPPLE	1				
40	0574 8845 55	HOSE ASSEMBLY	1				
45	1615 1789 00	BRACKET	4				
50	1619 2766 00	HEX. HEAD SCREW	4				
55	0346 1000 17	PIPE CLAMP	10				
60	0266 2108 00	HEXAGON NUT	4				
65	0333 3220 00	LOCK WASHER	4				
70	0301 2321 00	PLAIN WASHER	4				
75	0147 1249 03	HEX. HEAD SCREW	4				
80	1615 1789 00	BRACKET	5				
85	1619 2766 00	HEX. HEAD SCREW	5				
90	0346 1000 17	PIPE CLAMP	14				
95	0266 2108 00	HEXAGON NUT	8				
100	0333 3220 00	LOCK WASHER	8				
105	0301 2321 00	PLAIN WASHER	8				
110	0147 1249 03	HEX. HEAD SCREW	8				

STANDARD

ENGINE AND ACCESSORIES



STANDARD

ENGINE AND ACCESSORIES

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 5615 00	ENGINE	1				
25	1604 5486 01	EGINE SUPPORT	4				
30	0147 1402 15	HEX. HEAD SCREW	16				
35	0301 2358 00	PLAIN WASHER	16				
40	1020 5072 00	RUBBER BUFFER	4				
45	0147 1958 75	HEX. HEAD SCREW	8				
50	0301 2358 00	PLAIN WASHER	8				
55	0147 1493 03	HEX. HEAD SCREW	2				
60	0301 2378 00	PLAIN WASHER	2				
65	0147 1963 85	HEXAGON HEAD SCREW	2				
70	0301 2378 00	PLAIN WASHER	2				
75	1604 5618 00	GASKET	4				
80	1604 6067 00	ADAPTER	2				
82	1604 7343 00	SEAL	2				
85	0147 1479 03	HEX. HEAD SCREW	32				
90	0301 2378 00	PLAIN WASHER	32				
95	1604 0069 02	CLAMP	2				
100	1604 5748 01	SHIELD	2				
105	1615 8572 00	HOOK	6				
110	1615 5664 00	HEX. HEAD SCREW	12				

COOLER AND FAN



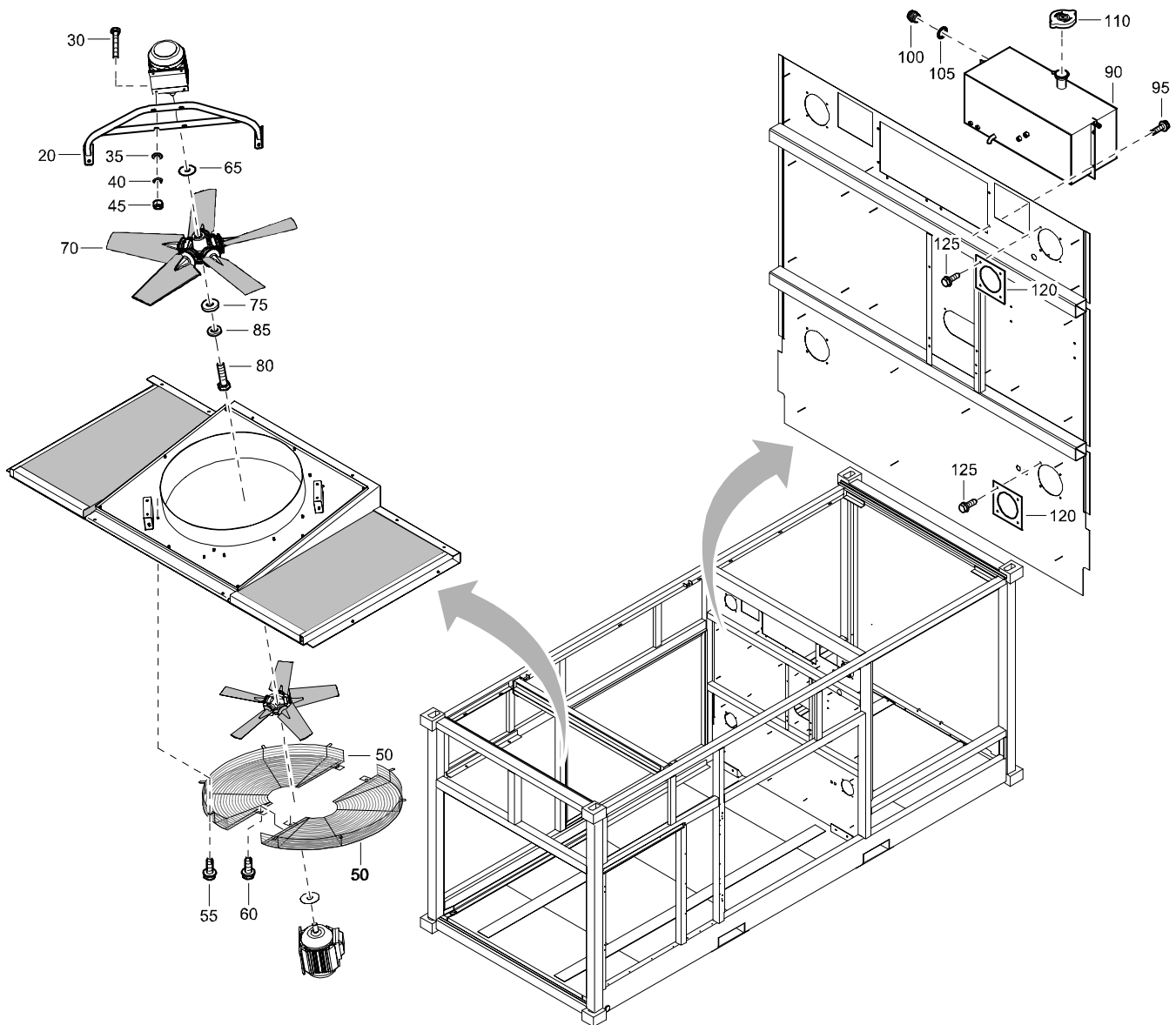
STANDARD

COOLER AND FAN

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 2926 04	SUPPORT	1	402	1604 2785 00	HOSE	1
22	1626 2360 00	SPACER	4	405	0347 6100 23	HOSE CLAMP	4
25	1619 5337 01	HEX. HEAD SCREW	8	410	1604 6154 00	VALVE	1
27	0300 0276 21	PLAIN WASHER	8	412	1604 3742 00	CONNECTION	1
30	0147 1364 03	HEX. HEAD SCREW	4	415	1604 5499 00	SUPPORT	1
35	0301 2344 00	PLAIN WASHER	4	420	1619 2766 00	HEX. HEAD SCREW	6
40	1604 5163 02	SUPPORT	1	425	1604 4219 00	RADIATOR	1
45	1615 5664 00	HEX. HEAD SCREW	4	430	0147 1400 03	HEX. HEAD SCREW	4
50	0147 1327 03	HEX. HEAD SCREW	4	435	0303 1274 02	PLAIN WASHER	4
55	0301 2335 00	PLAIN WASHER	4	440	1619 5205 00	NIPPLE	2
60	0333 3227 00	LOCK WASHER	4	445	0653 1062 00	FLAT GASKET	2
65	0266 2110 00	HEXAGON NUT	4	450	0574 8231 39	HOSE ASSEMBLY	1
70	1604 6003 01	SPACER	1	465	1604 5286 01	PIPE	1
75	1604 5616 00	FAN	1	470	1604 5506 00	HOSE	1
80	1604 5165 00	WASHER	1	475	0347 6100 22	HOSE CLAMP	2
85	0147 1329 03	HEX. HEAD SCREW	1	480	1604 1386 01	HOSE	1
90	0300 0274 91	PLAIN WASHER	1	485	0347 6100 23	HOSE CLAMP	2
95	1604 2930 01	GUIDE	1	490	1604 5287 02	PIPE	1
100	0147 1401 03	HEX. HEAD SCREW	4	495	1604 5506 00	HOSE	1
105	0301 2358 00	PLAIN WASHER	4	500	0347 6100 22	HOSE CLAMP	2
110	0333 3237 00	LOCK WASHER	4	505	1604 1386 01	HOSE	1
115	0266 2112 00	HEXAGON NUT	4	510	0347 6100 23	HOSE CLAMP	2
117	1604 7306 00	SEAL	2	515	0560 0200 01	ELBOW	1
120	1604 2908 01	GUARD	3	516	9000 0245 00	HOSE NIPPLE	1
125	1604 5490 00	FAN GUARD	1	520	0347 6108 00	HOSE CLAMP	2
130	0147 1323 03	HEX. HEAD SCREW	8	525	0071 8403 23	FUEL HOSE	AR
135	0301 2335 00	PLAIN WASHER	8	530	0346 1002 10	PIPE CLAMP	1
140	0291 1110 00	LOCKNUT	8	535	0147 1322 03	HEX. HEAD SCREW	1
145	1619 2766 00	HEX. HEAD SCREW	16	540	0852 0010 34	BALL VALVE	1
150	1604 4878 01	SUPPORT	2	545	0661 1038 00	SEALING WASHER	2
155	1619 5337 01	HEX. HEAD SCREW	4	550	0686 3716 35	HEXAGON PLUG	1
160	1604 6150 00	SPACER	1	552	1604 5482 02	PLATE	2
165	1604 4897 00	FAN	1	554	1615 5664 00	HEX. HEAD SCREW	8
170	1604 3288 00	WASHER	1	555	1619 5205 00	NIPPLE	4
175	0147 1477 03	HEX. HEAD SCREW	1	560	0653 1062 00	FLAT GASKET	4
180	0300 0274 96	PLAIN WASHER	1	565	0605 8814 06	BUSHING	2
185	0147 1366 03	HEX. HEAD SCREW	4	570	0653 1124 00	FLAT GASKET	2
190	0300 0274 96	PLAIN WASHER	4	575	0574 8231 39	HOSE ASSEMBLY	2
195	1604 5752 00	HOSE	1	580	1604 4430 01	BRACKET	1
200	1604 2961 00	HOSE	2	585	0147 1958 31	HEX. HEAD SCREW	1
205	1604 5484 00	PIPE	2	590	0301 2335 00	PLAIN WASHER	2
210	0347 6122 00	HOSE CLAMP	5	595	0291 1110 00	LOCKNUT	1
215	1604 5494 00	BRACKET	1	600	0147 1322 03	HEX. HEAD SCREW	4
220	1619 2766 00	HEX. HEAD SCREW	2	605	0301 2335 00	PLAIN WASHER	4
225	0346 2900 17	PIPE CLAMP	1	610	1621 1068 00	COOLER FUEL	1
230	1615 5664 00	HEX. HEAD SCREW	3	615	1604 4431 01	BRACKET	1
235	0300 0276 43	WASHER D8.4 SP.4 DIN6340 FZB	3	620	1615 5664 00	HEX. HEAD SCREW	1
240	1604 5485 02	PLATE	1	630	0560 0200 23	ELBOW	1
245	1619 5337 01	HEX. HEAD SCREW	3	633	0603 4104 03	HEXAGON NIPPLE	1
250	0300 0274 93	PLAIN WASHER	3	635	1619 6153 04	BALL VALVE	1
255	1604 5145 01	INTER COOLER	1	640	9000 0244 00	HOSE NIPPLE	2
260	0147 1362 03	HEX. HEAD SCREW	4	645	0347 6107 00	HOSE CLAMP	2
265	0300 0274 60	PLAIN WASHER	4	650	0072 8403 16	HOSE	AR
280	1604 5282 00	PIPE	1	656	1604 9779 00	NIPPLE	1
285	1604 4789 01	HOSE	1	658	1626 1417 00	SEAL O-RING	1
290	0347 6100 26	HOSE CLAMP	2	660	1089 9403 52	HEATER	1
295	1604 2578 01	HOSE	1	661	0070 4022 60	CONDUIT	AR
300	0347 6100 23	HOSE CLAMP	2	662	1613 0801 04	PIPE CLAMP	5
305	1604 5283 02	PIPE	1	663	1613 0801 07	PIPE CLAMP	2
310	0653 1165 00	FLAT GASKET	1	664	1619 2766 00	HEX. HEAD SCREW	7
315	0686 3716 35	HEXAGON PLUG	1	665	0698 5140 49	CABLE GLAND	1
320	1604 4789 01	HOSE	1	666	0697 9810 26	PLUG	1
325	0347 6100 26	HOSE CLAMP	2	667	0697 9809 21	LOCK NUT	1
330	1604 2578 01	HOSE	2	668	0698 5140 74	CABLE GLAND	1
335	0347 6100 23	HOSE CLAMP	4	669	0697 9809 23	NUT	1
340	1604 6154 00	VALVE	1	670	0147 1962 72	BOLT	4
342	1604 3742 00	CONNECTION	1	671	1604 3667 01	BRACKET	2
344	1604 6522 01	PLATE	1	672	0603 4100 25	HEXAGON NIPPLE	1
346	1604 6523 00	PLATE	1	673	0560 0200 02	ELBOW	1
348	0147 1326 03	HEX. HEAD SCREW	2	675	1089 0666 11	PUMP	1
352	0301 2335 00	PLAIN WASHER	2	683	0607 3014 04	REDUCING SOCKET	1
354	0266 2110 00	HEXAGON NUT	2	685	9000 0244 00	HOSE NIPPLE	2
356	0266 2110 00	HEXAGON NUT	2	690	0347 6107 00	HOSE CLAMP	2
357	1604 5145 01	INTER COOLER	1	695	0072 8403 16	HOSE	AR
358	0147 1359 03	HEX. HEAD SCREW	4	700	1619 6153 04	BALL VALVE	1
359	0300 0274 60	PLAIN WASHER	4	702	0603 4104 03	HEXAGON NIPPLE	1
360	1604 5284 00	PIPE	1	705	0560 0200 23	ELBOW	1
365	1604 4789 01	HOSE	1	710	0147 1322 03	HEX. HEAD SCREW	2
370	0347 6100 26	HOSE CLAMP	2	715	0346 1000 17	PIPE CLAMP	2
375	1604 2785 00	HOSE	1	720	0147 1247 03	HEX. HEAD SCREW	3
380	0347 6100 23	HOSE CLAMP	2	725	0333 3220 00	LOCK WASHER	3
385	1604 5285 01	PIPE	1	730	0266 2108 00	HEXAGON NUT	3
390	1604 4789 01	HOSE	1	735	0346 1000 17	PIPE CLAMP	4
395	0347 6100 26	HOSE CLAMP	2	740	0346 1002 17	PIPE CLAMP	2
400	1604 2578 01	HOSE	1				

STANDARD

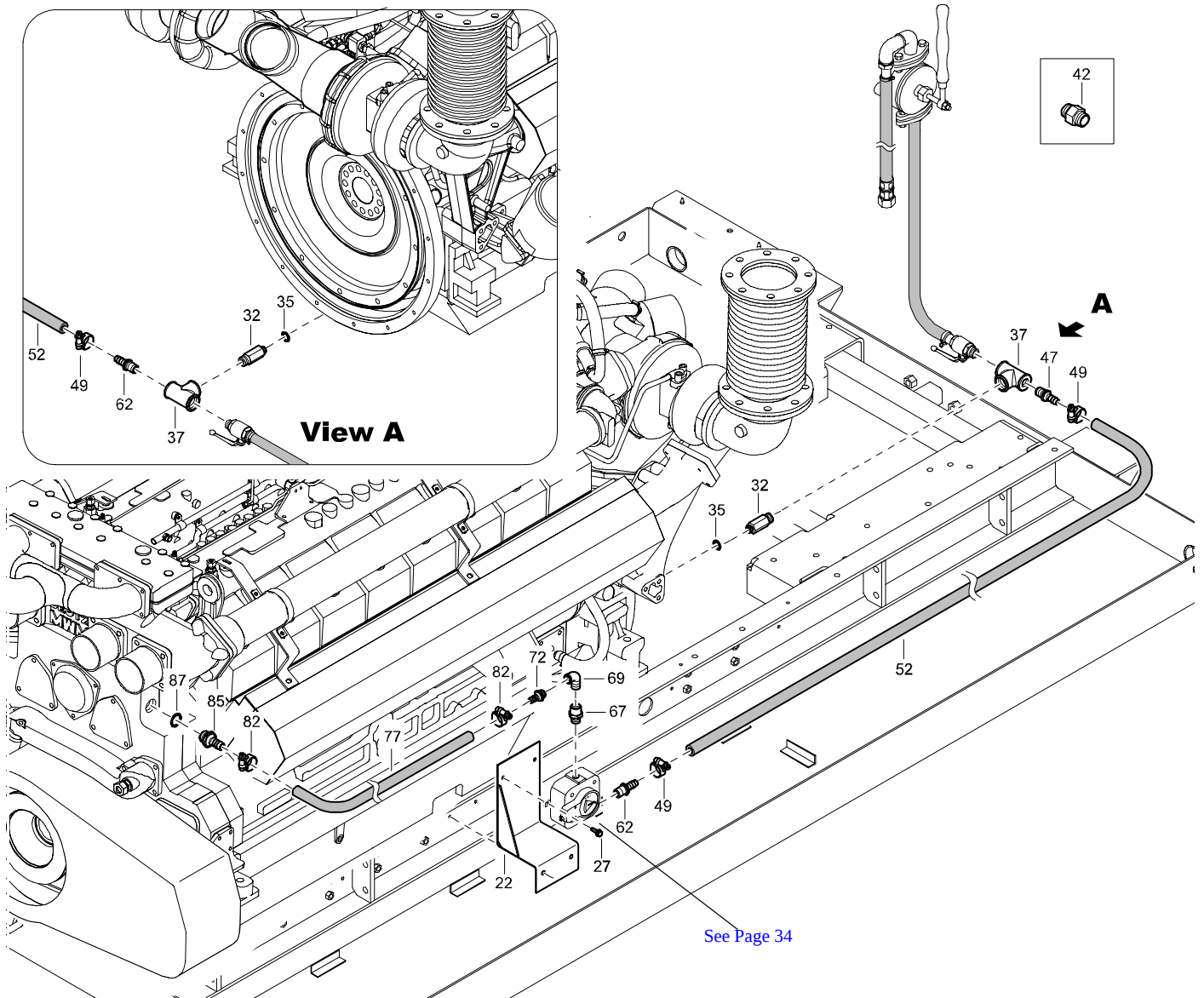
COOLER AND FAN



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 5163 02	SUPPORT	1				
30	0147 1330 12	HEX. HEAD SCREW	4				
35	0301 2335 00	PLAIN WASHER	4				
40	0333 3227 00	LOCK WASHER	4				
45	0266 2110 00	HEXAGON NUT	4				
50	2254 6151 00	FANGUARD UPPER	2				
55	1615 5664 00	HEX. HEAD SCREW	8				
60	1619 2766 00	HEX. HEAD SCREW	2				
65	1604 6003 01	SPACER	1				
70	1604 5374 00	FAN	1				
75	1604 5165 00	WASHER	1				
80	0147 1329 03	HEX. HEAD SCREW	1				
85	0300 0274 91	PLAIN WASHER	1				
90	1604 3038 03	TOPTANK	1				
95	1619 5337 01	HEX. HEAD SCREW	8				
100	0686 3716 01	HEXAGON PLUG	1				
105	0653 1072 00	FLAT GASKET	1				
110	1615 5451 02	RADIATOR CAP	1				
120	1604 5481 01	PLATE	2				
125	1615 5664 00	HEX. HEAD SCREW	8				

STANDARD

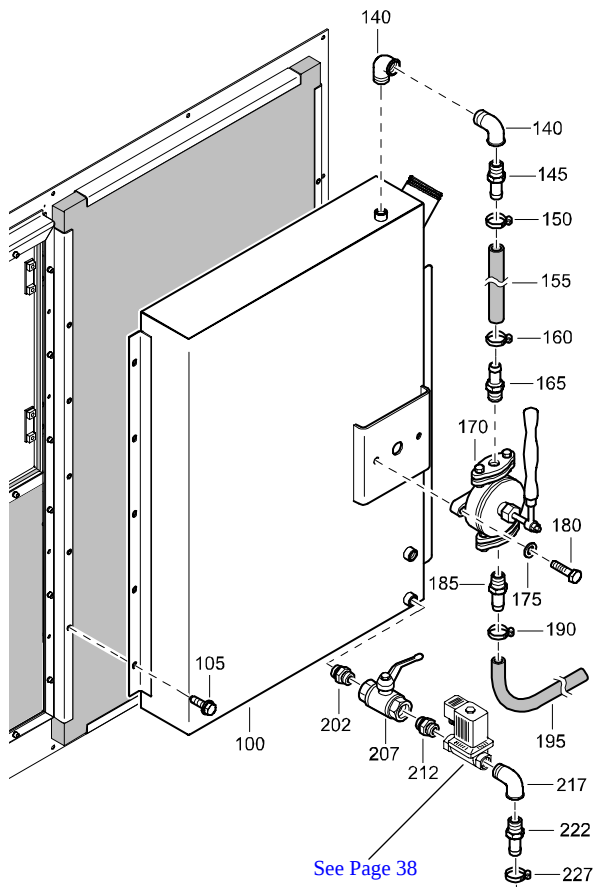
OIL SYSTEM



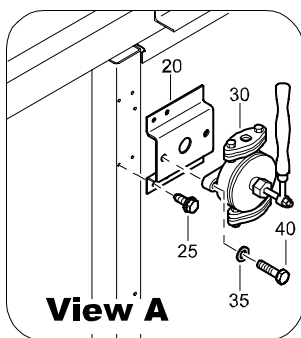
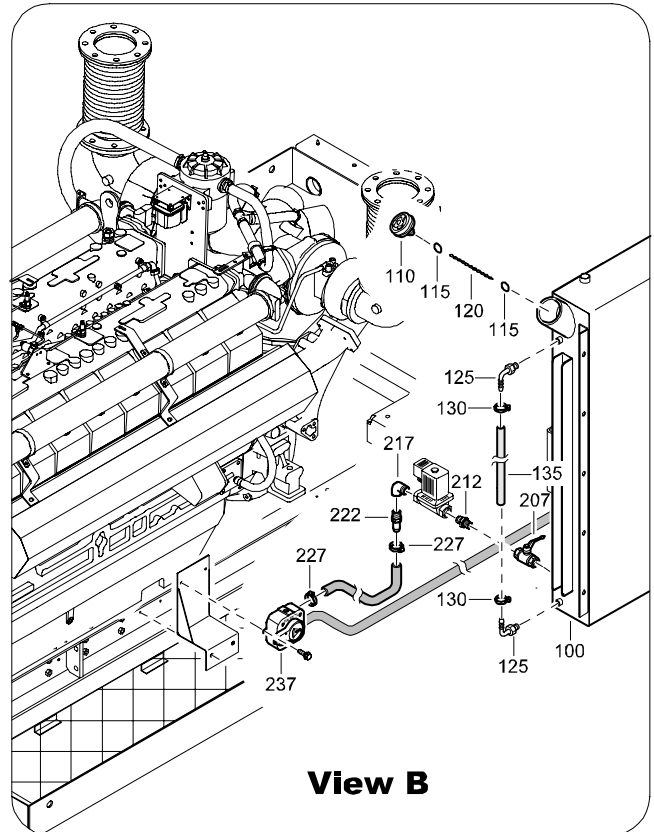
REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
22	1604 6770 00	SUPPORT	1				
27	1615 5664 00	HEX. HEAD SCREW	2				
32	1604 9658 00	NIPPLE	1				
35	0661 1000 13	SEAL WASHER	1				
37	0564 0000 32	TEE	1				
42	0603 4105 03	HEXAGON NIPPLE	1				
47	0571 0020 40	HOSE NIPPLE	1				
49	0347 6105 00	HOSE CLAMP	2				
52	0072 8402 90	HOSE	AR				
62	0571 0020 35	HOSE NIPPLE	1				
67	0605 8350 33	BUSHING	1				
69	0560 0200 61	ELBOW	1				
72	9000 0247 00	HOSE NIPPLE	1				
77	0071 8402 90	FUEL HOSE	AR				
82	0347 6105 00	HOSE CLAMP	2				
85	0571 0020 15	HOSE NIPPLE	1				
87	0653 1124 00	FLAT GASKET	1				

STANDARD

OIL SYSTEM



See Page 38



See Page 33

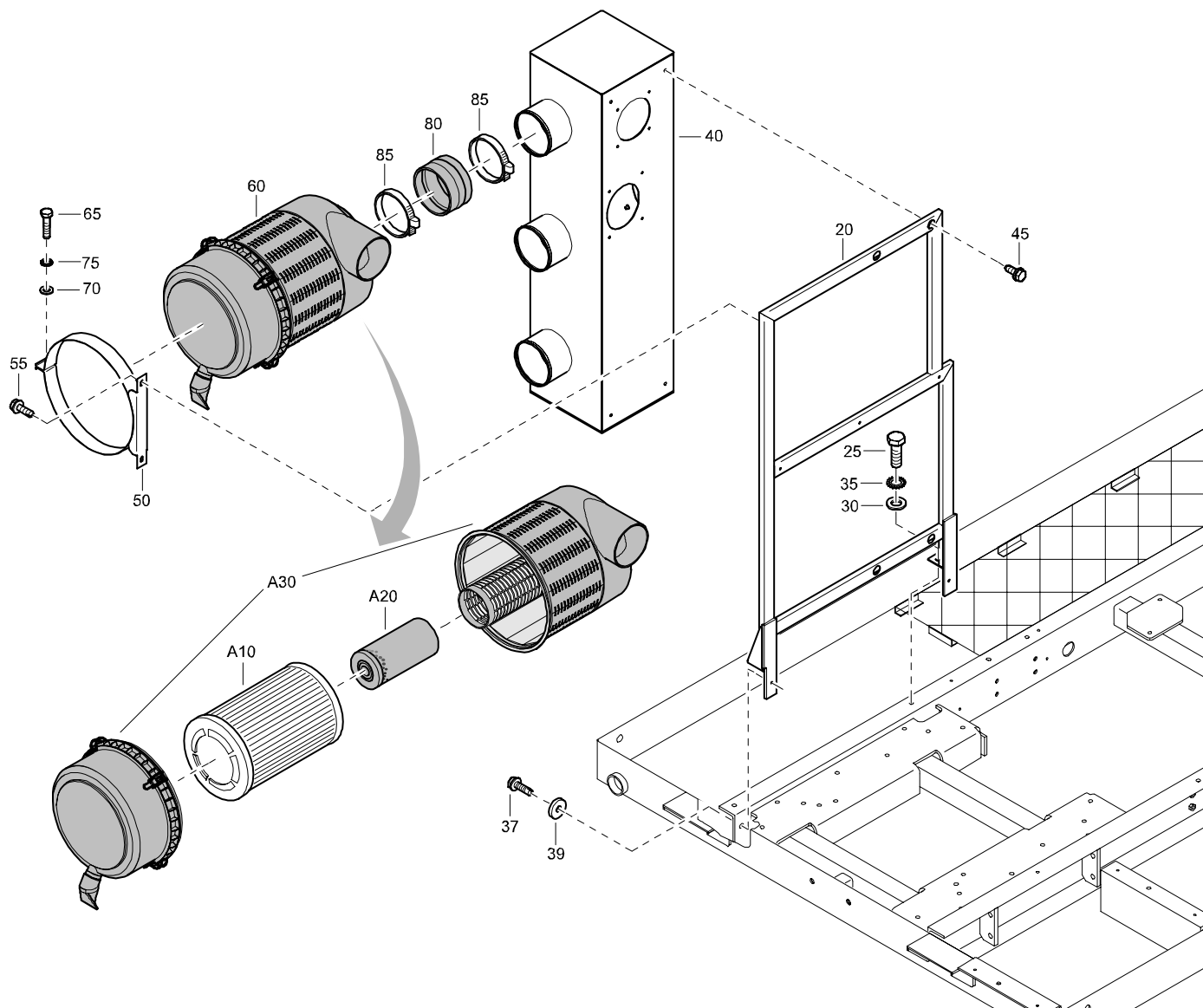
STANDARD

OIL SYSTEM

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 6001 00	PLATE	1				
25	1619 2766 00	HEX. HEAD SCREW	4				
30	1615 8393 00	OILPUMP	1				
35	0301 2358 00	PLAIN WASHER	2				
40	0147 1403 03	HEX. HEAD SCREW	2				
43	0560 0200 23	ELBOW	2				
45	9000 0244 00	HOSE NIPPLE	1				
50	0347 6107 00	HOSE CLAMP	1				
55	0072 8403 16	HOSE	AR				
60	0347 6107 00	HOSE CLAMP	1				
65	0571 0020 21	HOSE NIPPLE	1				
70	0852 0010 34	BALL VALVE	1				
75	9000 0244 00	HOSE NIPPLE	1				
80	0347 6107 00	HOSE CLAMP	1				
85	1604 4316 00	HOSE ASSEMBLY	1				
90	0661 1030 00	SEALING WASHER	1				
95	0686 3716 02	HEXAGON PLUG	1				
100	1604 5505 01	TANK	1				
105	1615 5664 00	HEX. HEAD SCREW	10				
110	1615 7653 02	CAP	1				
115	1619 7461 00	KEY HOLDER	2				
120	2255 0049 00	CHAIN	1				
125	1615 9589 00	NIPPLE	2				
130	0347 6102 00	HOSE CLAMP	2				
135	0099 9910 29	PLASTIC TUBE	AR				
140	0560 0200 23	ELBOW	2				
145	9000 0244 00	HOSE NIPPLE	1				
150	0347 6107 00	HOSE CLAMP	1				
155	0072 8403 16	HOSE	AR				
160	0347 6107 00	HOSE CLAMP	1				
165	9000 0244 00	HOSE NIPPLE	1				
170	1615 8393 00	OILPUMP	1				
175	0301 2358 00	PLAIN WASHER	2				
180	0147 1403 03	HEX. HEAD SCREW	2				
185	9000 0244 00	HOSE NIPPLE	1				
190	0347 6107 00	HOSE CLAMP	1				
195	0072 8403 16	HOSE	AR				
202	0603 4104 03	HEXAGON NIPPLE	1				
207	1619 6153 04	BALL VALVE G1/2	1				
212	0603 4104 03	HEXAGON NIPPLE	1				
217	0560 0200 23	ELBOW	1				
222	9000 0244 00	HOSE NIPPLE	1				
227	0347 6107 00	HOSE CLAMP	2				
232	0072 8403 16	HOSE	AR				
237	1604 6771 00	VALVE	1				

STANDARD

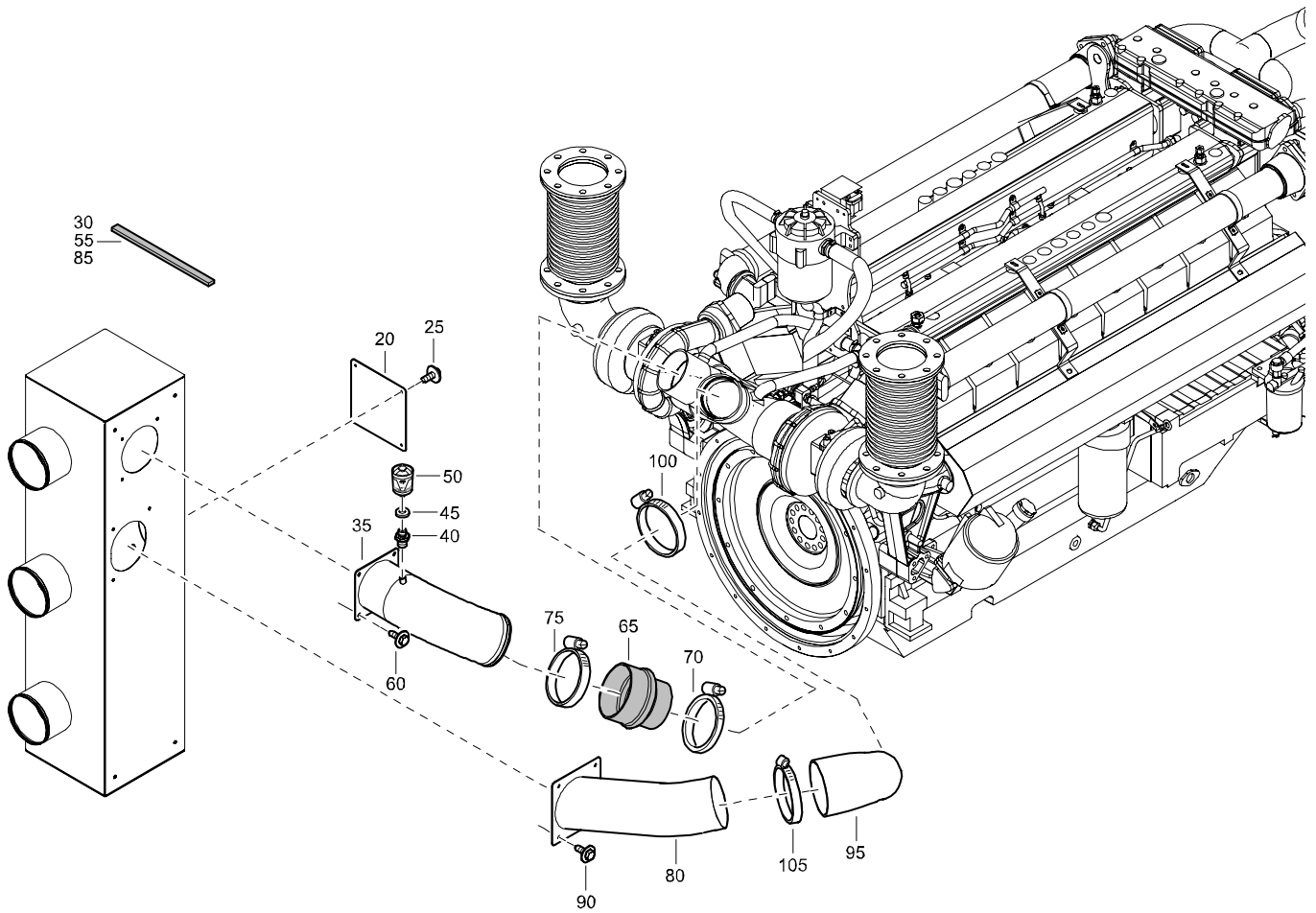
AIR INLET



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 4312 04	SUPPORT	1				
25	0147 1401 03	HEX. HEAD SCREW	2				
30	0301 2358 00	PLAIN WASHER	2				
35	0333 3237 00	LOCK WASHER	2				
37	1619 5337 01	HEX. HEAD SCREW	2				
39	0303 1274 01	PLAIN WASHER	2				
40	1604 4298 03	DUCT	1				
45	1619 2766 00	HEX. HEAD SCREW	4				
50	1604 4303 00	SUPPORT	3				
55	1615 5664 00	HEX. HEAD SCREW	6				
60	1604 0120 01	AIR FILTER	3				
•A10	2914 5017 00	AIR FILTER ELEMENT	1				
•A20	2914 5018 00	AIR FILTER SAFETY CARTRIDGE	1				
•A30	2914 8662 00	COVER AIR FILTER	1				
65	0147 1326 03	HEX. HEAD SCREW	3				
70	0301 2335 00	PLAIN WASHER	3				
75	0333 3227 00	LOCK WASHER	3				
80	1604 9936 00	HUMP HOSE	3				
85	0347 6121 00	HOSE CLAMP	6				

STANDARD

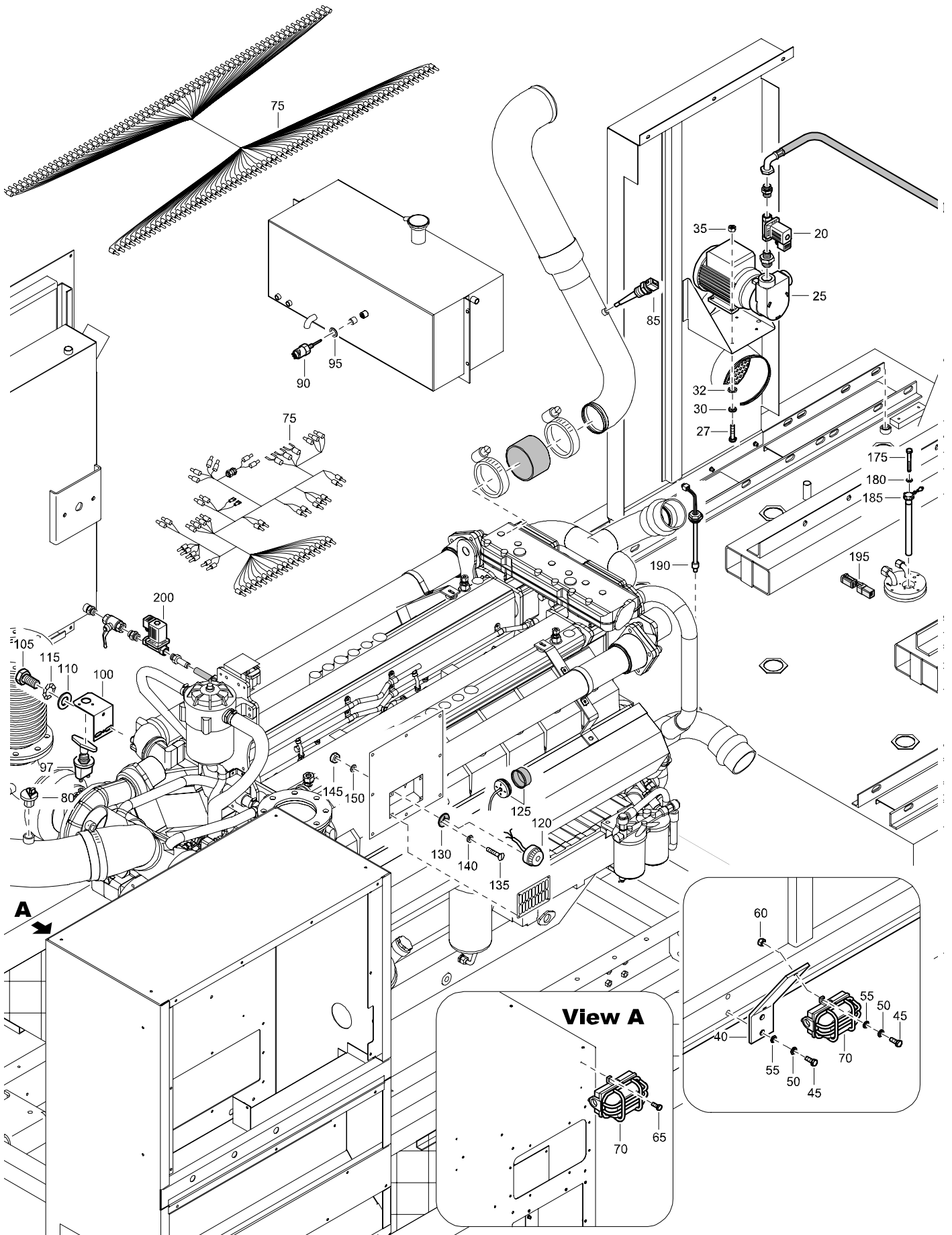
AIR INLET



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 5375 00	PLATE	1				
25	1615 5664 00	HEX. HEAD SCREW	4				
30	1615 7057 00	SEAL	AR				
35	1604 5737 03	PIPE	1				
40	1612 2152 00	NIPPLE	1				
45	0661 1014 00	SEALING WASHER	1				
50	1613 7912 04	INDICATOR	1				
55	1615 7057 00	SEAL	AR				
60	1615 5664 00	HEX. HEAD SCREW	4				
65	1604 5756 00	HOSE	1				
70	0347 6120 00	HOSE CLAMP	1				
75	0347 6121 00	HOSE CLAMP	1				
80	1604 5736 01	PIPE	1				
85	1615 7057 00	SEAL	AR				
90	1615 5664 00	HEX. HEAD SCREW	4				
95	1615 7933 00	ELBOW	1				
100	0347 6120 00	HOSE CLAMP	1				
105	0347 6121 00	HOSE CLAMP	1				

STANDARD

ELECTRICAL SYSTEM



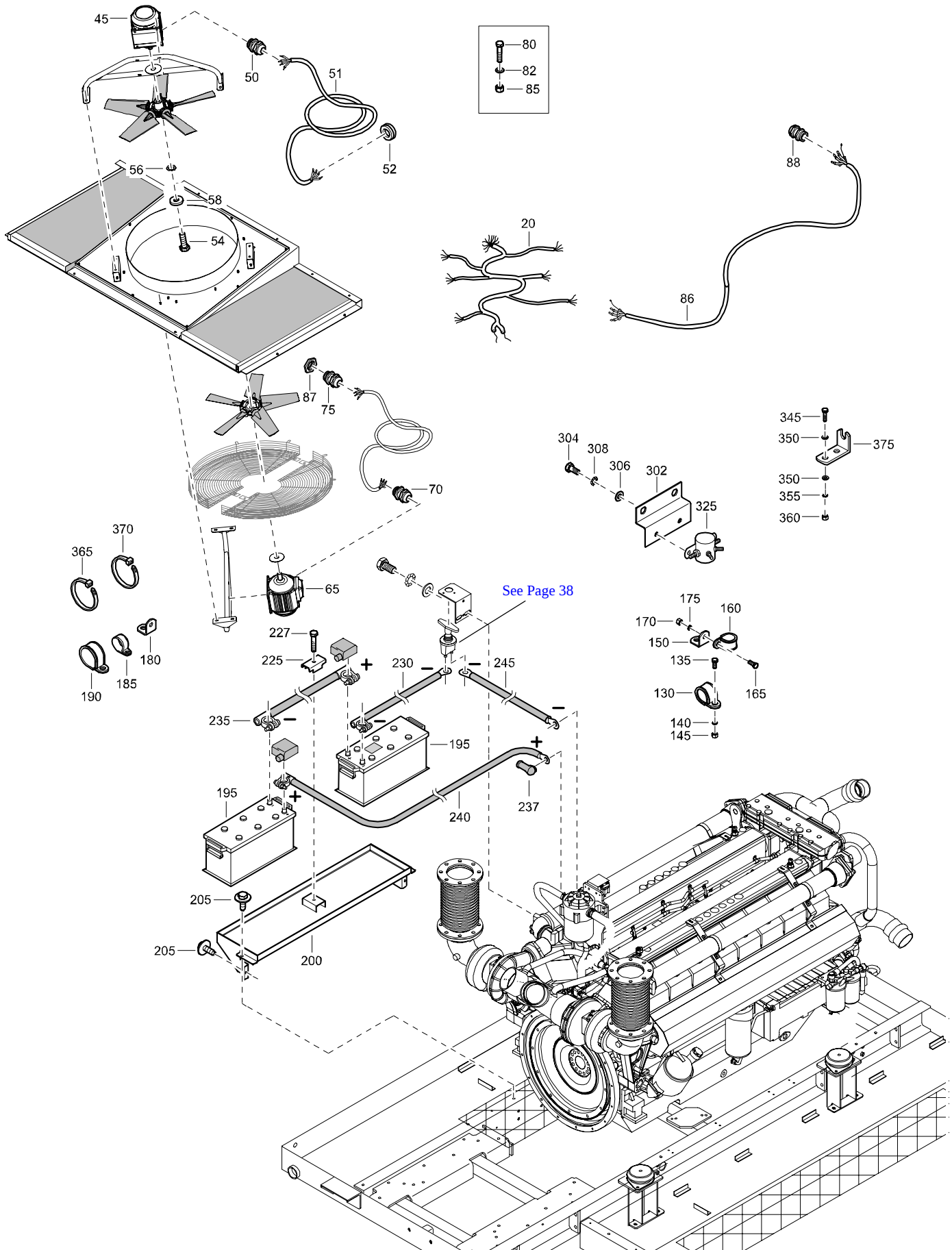
STANDARD

ELECTRICAL SYSTEM

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1089 0624 20	SOLENOID VALVE	1				
25	0895 0010 05	FUEL PUMP	1				
27	0147 1249 03	HEX. HEAD SCREW	4				
30	0301 2321 00	PLAIN WASHER	8				
32	0333 3220 00	LOCK WASHER	4				
35	0266 2108 00	HEXAGON NUT	4				
40	1604 6802 00	BRACKET	2				
45	0147 1246 03	HEX. HEAD SCREW	8				
50	0333 3220 00	LOCK WASHER	8				
55	0301 2321 00	PLAIN WASHER	8				
60	0266 2108 00	HEXAGON NUT	4				
65	0147 1211 03	HEX. HEAD SCREW	2				
70	1089 9428 01	LAMP SOCKET	3				
75	1604 5612 01	WIRE HARNESS	1				
77	1604 4828 04	WIRE HARNESS	1				
80	1089 0607 05	WARNING SWITCH	1				
85	1089 0574 92	TEMP. SENSOR	1				
90	1089 0659 52	LEVEL SWITCH	2				
95	0653 1056 00	FLAT GASKET	2				
97	1089 0584 01	BATTERY SWITCH	1				
100	1604 3473 02	SUPPORT	1				
105	0147 1437 03	HEX. HEAD SCREW	2				
110	0301 2371 00	PLAIN WASHER	2				
115	0333 3242 00	LOCK WASHER	2				
120	1089 9429 01	FLASH LIGHT	2				
125	1089 9430 01	HORN	2				
130	1604 0996 00	SEAL	2				
135	0162 4110 00	SLOTTED SCREW	8				
140	0333 3210 00	LOCK WASHER	8				
145	0266 2104 00	HEXAGON NUT	8				
150	0301 2318 00	PLAIN WASHER	8				
175	0147 1212 03	HEX. HEAD SCREW	5				
180	0301 2318 00	PLAIN WASHER	5				
185	1089 0659 13	FUEL LEVEL SENDER	1				
190	1089 9467 14	LEVEL SWITCH	1				
195	1604 3742 00	CONNECTION	2				
200	1089 0624 21	SOLENOID VALVE	1				

STANDARD

ELECTRICAL SYSTEM



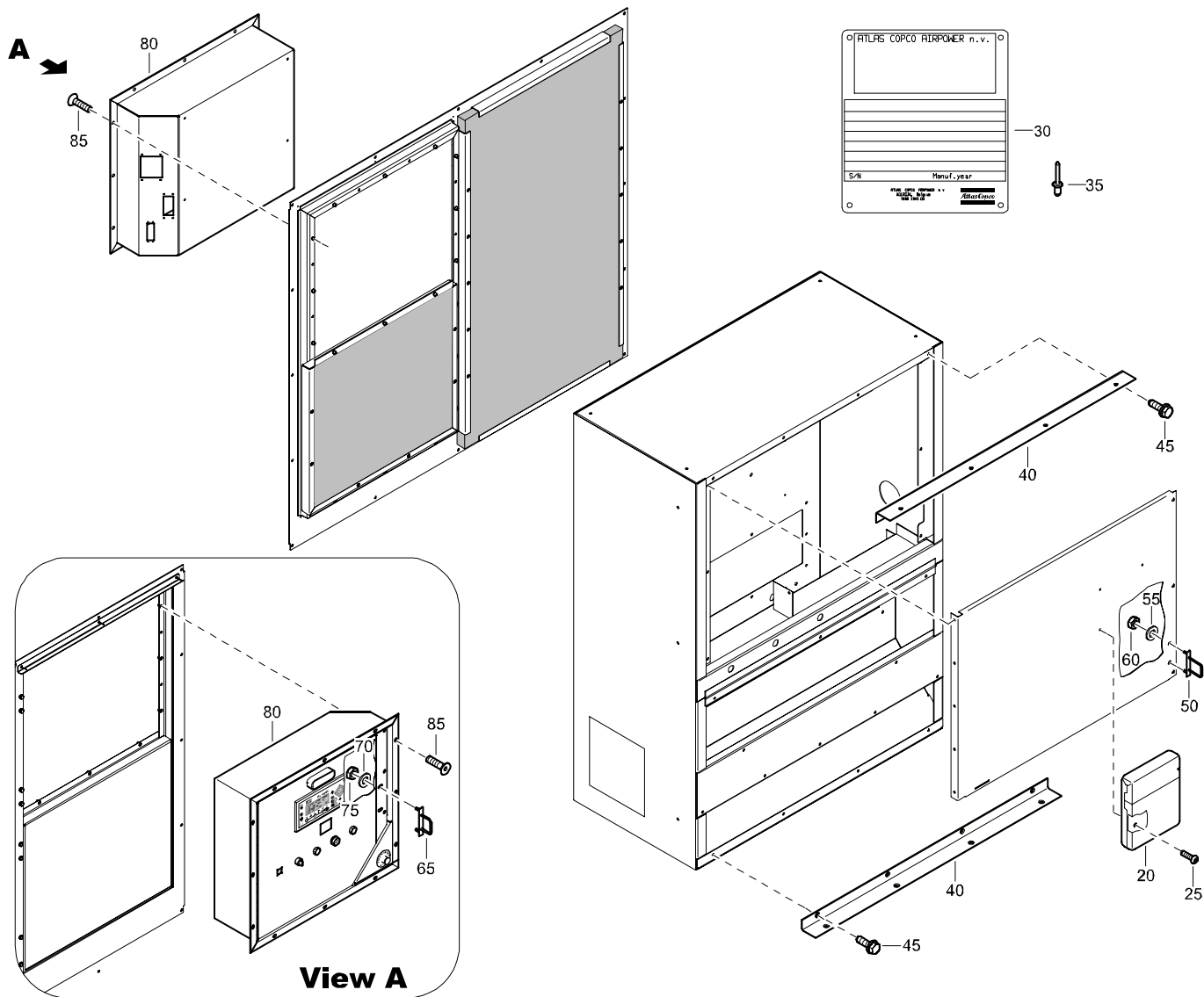
STANDARD

ELECTRICAL SYSTEM

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 5611 02	WIRE HARNESS	1				
45	1080 4210 01	MOTOR	2				
50	0698 5140 61	CABLE GLAND	2				
51	1604 5614 00	WIRE	2				
52	0698 0151 00	GROMMET	2				
54	0147 1363 03	HEX. HEAD SCREW	8				
56	0333 3232 00	LOCK WASHER	8				
58	0301 2344 00	PLAIN WASHER	8				
65	1080 2959 32	MOTOR	1				
70	0698 5140 64	CABLE GLAND BRASS	1				
75	0698 5140 60	CABLE GLAND	1				
80	0147 1327 03	HEX. HEAD SCREW	4				
82	0301 2335 00	PLAIN WASHER	4				
85	0266 2110 00	HEXAGON NUT	4				
86	1604 4437 00	WIRE	1				
87	0697 9809 23	LOCKNUT	1				
88	0698 5140 74	CABLE GLAND	1				
130	1613 0801 02	PIPE CLAMP	5				
135	0147 1246 03	HEX. HEAD SCREW	5				
140	0333 3220 00	LOCK WASHER	5				
145	0266 2108 00	HEXAGON NUT	5				
150	1615 1789 00	BRACKET	5				
160	1613 0801 05	PIPE CLAMP	6				
165	0147 1246 03	HEX. HEAD SCREW	6				
170	0266 2108 00	HEXAGON NUT	6				
175	0333 3220 00	LOCK WASHER	6				
180	1615 1789 00	BRACKET	14				
185	1613 0801 07	PIPE CLAMP	8				
190	0346 1000 17	PIPE CLAMP	4				
195	0926 5400 20	BATTERY	2				
200	1604 5388 00	BATTERY SADDLE	1				
205	1615 5664 00	HEX. HEAD SCREW	4				
225	1604 4252 02	PLATE	1				
227	0147 1963 97	HEX. HEAD SCREW	1				
230	1604 0768 00	BATTERY CABLE	1				
235	1615 6171 00	BATTERY CABLE	1				
237	1619 3729 00	PROTECT.CAP	AR				
240	1615 8126 00	BATTERY CABLE	1				
245	1615 8127 00	BATTERY CABLE	1				
302	1604 6562 00	BRACKET	1				
304	0147 1360 03	HEX. HEAD SCREW	2				
306	0301 2344 00	PLAIN WASHER	2				
308	0333 3232 00	LOCK WASHER	2				
325	1619 1891 00	START RELAY	1				
345	0147 1247 03	HEX. HEAD SCREW	2				
350	0301 2321 00	PLAIN WASHER	4				
355	0333 3220 00	LOCK WASHER	2				
360	0266 2108 00	HEXAGON NUT	2				
365	0348 0101 18	CABLE TIE	20				
370	1088 1301 02	CABLE STRIP	50				
375	1613 2679 00	SUPPORT	5				

STANDARD

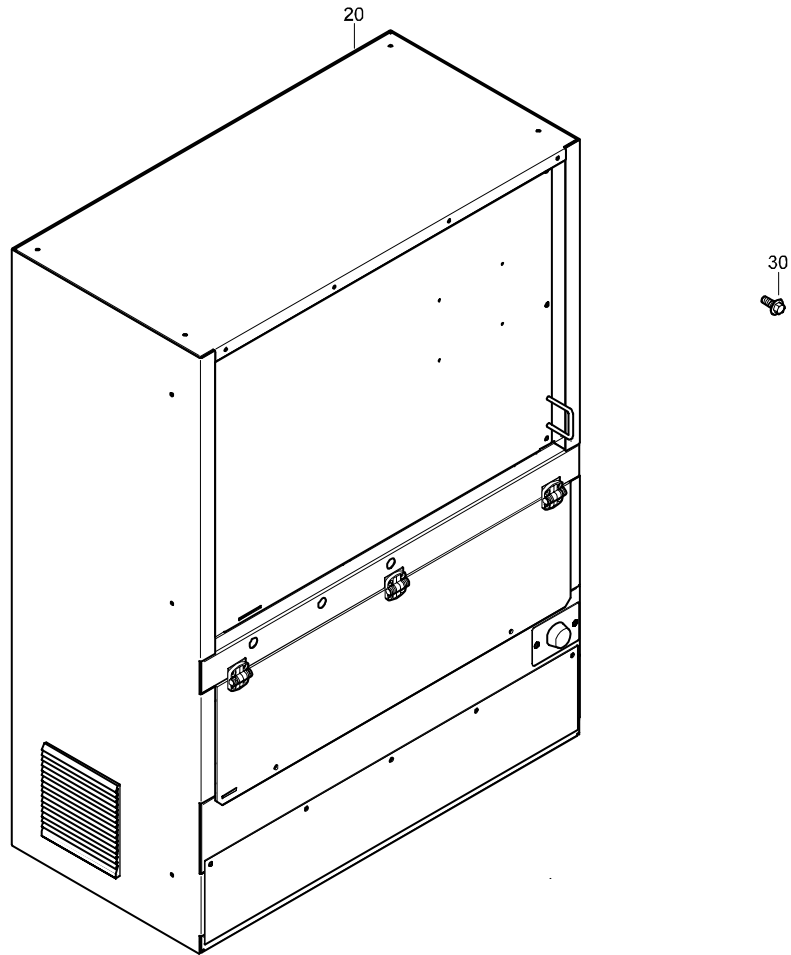
CUBICLE AND ACCESSORIES



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1604 2206 00	HOLDER (DOCUMENT)	1				
25	0215 0003 83	HEX SOCK. SCREW	4				
30	-	PLATE DATA	1				
		(Not available separately)					
35	0129 3104 00	BLIND RIVET	4				
40	1604 4895 00	PROFILE	2				
45	1615 5664 00	HEX. HEAD SCREW	16				
50	1604 4893 00	HOOK	1				
55	0301 2335 00	PLAIN WASHER	2				
60	0266 2110 00	HEXAGON NUT	2				
65	1604 5620 00	HOOK	1				
70	0301 2335 00	PLAIN WASHER	2				
75	0266 2110 00	HEXAGON NUT	2				
80	1900 1019 11	CONTR CUB QAC1000 DEUTZ	1				
		(For details see page 54)					
85	0216 1957 57	HEX SOCK. SCREW	12				

STANDARD

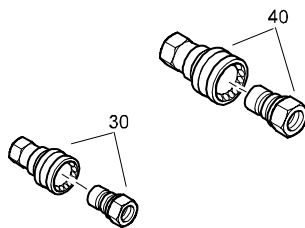
CUBICLE AND ACCESSORIES



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1900 1019 10	POWER CUBICAL (For details see page 50)	1				
30	1619 2766 00	HEX. HEAD SREW	16				

STANDARD

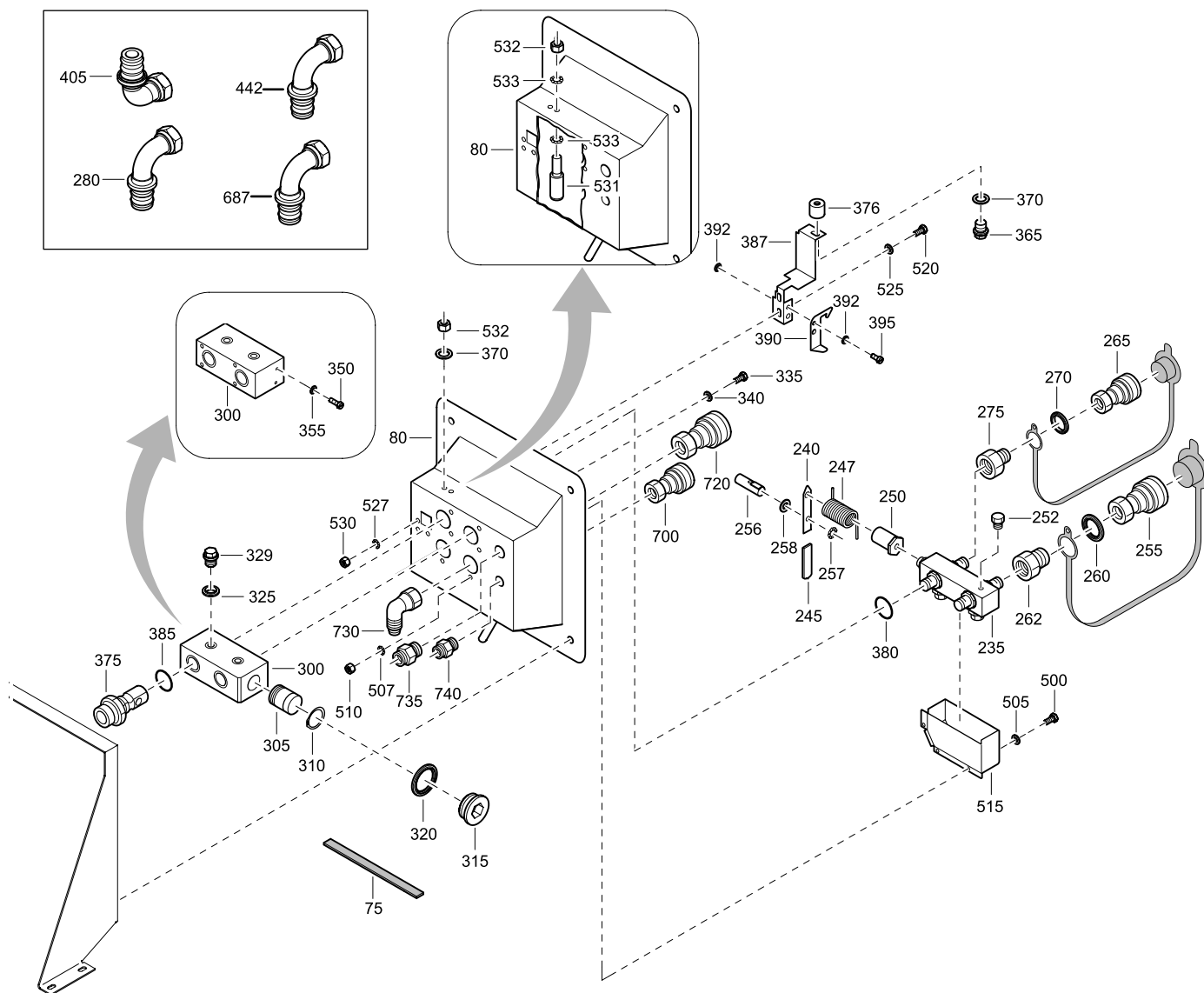
QUICK COUPLING



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
30	2914 8107 00	MALE QUICK COUPLING	1				
40	2914 8108 00	MALE QUICK COUPLING	1				

STANDARD

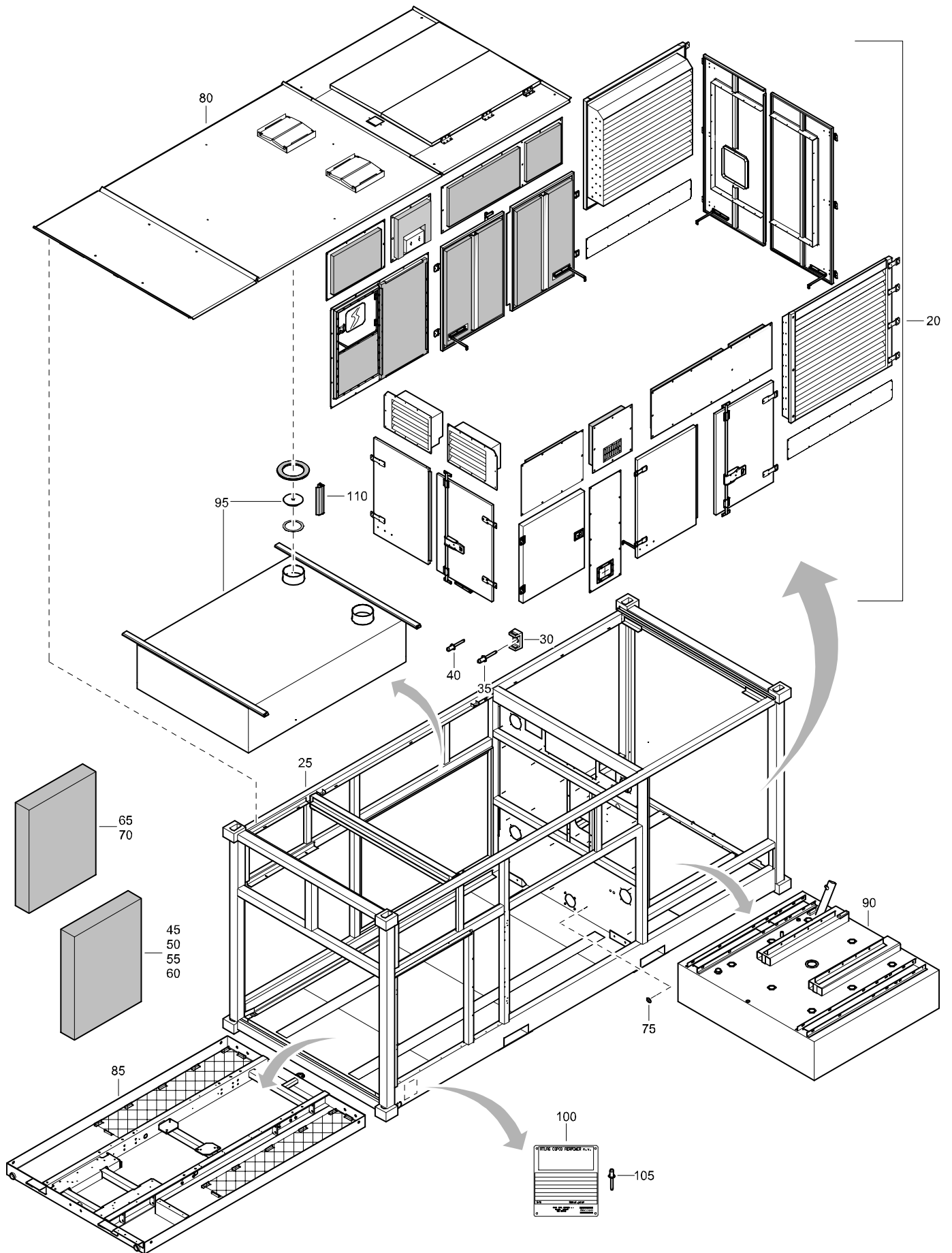
FUNNEL ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 2910 83	FUNNEL ASSEMBLY (From page 26)		•365	0686 3716 03	HEXAGON PLUG	2
•75	1604 1275 00	SEAL	AR	•370	0653 1062 00	FLAT GASKET	2
•80	1604 2910 01	FUNNEL	1	•375	1604 1995 00	PRESSURE SCREW	2
•235	1604 1992 00	3-WAY VALVE	1	•376	1604 4302 00	BUSHING	1
•240	1604 1999 00	HANDLE	1	•380	0663 3126 00	O-RING	2
•245	1604 2001 00	SLEEVE	1	•385	0663 2127 00	O-RING	2
•247	1604 2005 00	SPRING	1	•387	1604 1998 01	SUPPORT	1
•250	1604 2003 00	NUT	1	•390	1604 2007 00	LOCK	1
•252	0686 3115 58	PLUG	1	•392	0301 2318 00	PLAIN WASHER	3
•255	1615 8745 01	QUICK COUPLING	1	•395	0160 6060 00	SLOTTED SCREW	1
•256	1604 2006 00	BOLT	1	•397	0291 1107 00	LOCKNUT	1
•257	0291 1110 00	LOCKNUT	1	•405	1604 0220 00	CONNECTOR	1
•258	0301 2335 00	PLAIN WASHER	1	•442	1604 0220 00	CONNECTOR	1
•260	0661 1038 00	SEALING WASHER	1	•500	0147 1244 03	HEX. HEAD SCREW	3
•262	1604 1996 00	BUSHING	1	•505	0301 2321 00	PLAIN WASHER	3
•265	1615 8744 01	QUICK COUPLING	1	•507	0333 3220 00	LOCK WASHER	3
•270	0661 1033 00	SEALING WASHER	1	•510	0266 2108 00	HEXAGON NUT	3
•275	1604 1997 00	BUSHING	1	•515	1604 2008 01	COVER	1
•280	1604 0220 00	CONNECTOR	1	•520	0147 1244 03	HEX. HEAD SCREW	3
•300	-	HOUSING	1	•525	0301 2321 00	PLAIN WASHER	3
		(Not available separately)		•527	0333 3220 00	LOCK WASHER	3
•305	1604 1994 00	NON RETURN VALVE	1	•530	0266 2108 00	HEXAGON NUT	3
•310	0335 2136 00	CIRCLIP	1	•531	1604 2000 00	STUD	1
•315	0686 3716 46	HEXAGON PLUG	1	•532	0266 2110 00	HEXAGON NUT	2
•320	0661 1056 00	SEALING WASHER	1	•533	0333 3227 00	LOCK WASHER	2
•325	0661 1020 00	SEALING WASHER	2	•687	1604 0220 00	CONNECTOR	1
•329	0686 3716 01	HEXAGON PLUG	2	•700	1615 8744 01	QUICK COUPLING	1
•335	0147 1244 03	HEX. HEAD SCREW	4	•720	1615 8745 01	QUICK COUPLING	1
•340	0301 2321 00	PLAIN WASHER	4	•730	1604 1990 00	NIPPLE	4
•350	0160 6062 00	SLOTTED SCREW	2	•735	1619 5509 00	NIPPLE	1
•355	0301 2318 00	PLAIN WASHER	2	•740	1079 5840 15	NIPPLE	1

STANDARD

FRAME ASSEMBLY



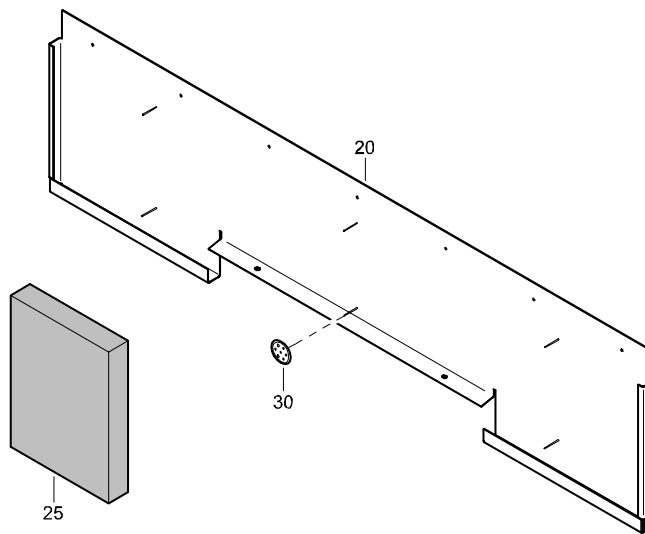
STANDARD

FRAME ASSEMBLY

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4533 82	FRAME ASSEMBLY	(From page 24)				
•20	1604 4413 72	CANOPY	1				
		(For details see page 52)					
•25	1604 4533 02	FRAME	1				
•30	0348 0110 03	ANCHOR PLATE	40				
•35	0129 3110 00	BLIND RIVET	20				
•40	0129 3121 00	BLIND RIVET	20				
•45	1604 4877 01	INSULATION	1				
•50	1604 4879 01	INSULATION	1				
•55	1604 4880 01	INSULATION	1				
•60	1604 5460 01	INSULATION	1				
•65	-	SILENCING FOAM (50 mm)	1				
•70	-	SILENCING FOAM (50 mm)	1				
•75	1615 7884 00	CLIP	25				
•80	1604 2949 74	ROOF (ASSY)	1				
		(For details see page 55)					
•85	1604 5303 05	BASE	1				
•90	1604 2904 01	FUELTANK	1				
•95	1604 6068 01	MUFFLER	1				
•100	-	PLATE DATA	1				
		(Not available separately)					
•105	0129 3270 36	BLIND RIVET	4				
•110	1610 6911 00	SEAL	4				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

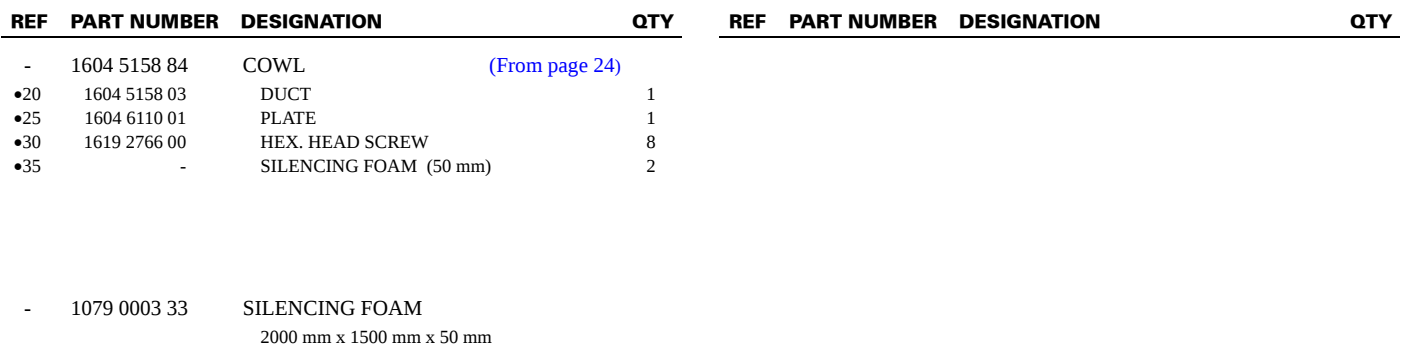
STANDARD

PANEL ASSEMBLY



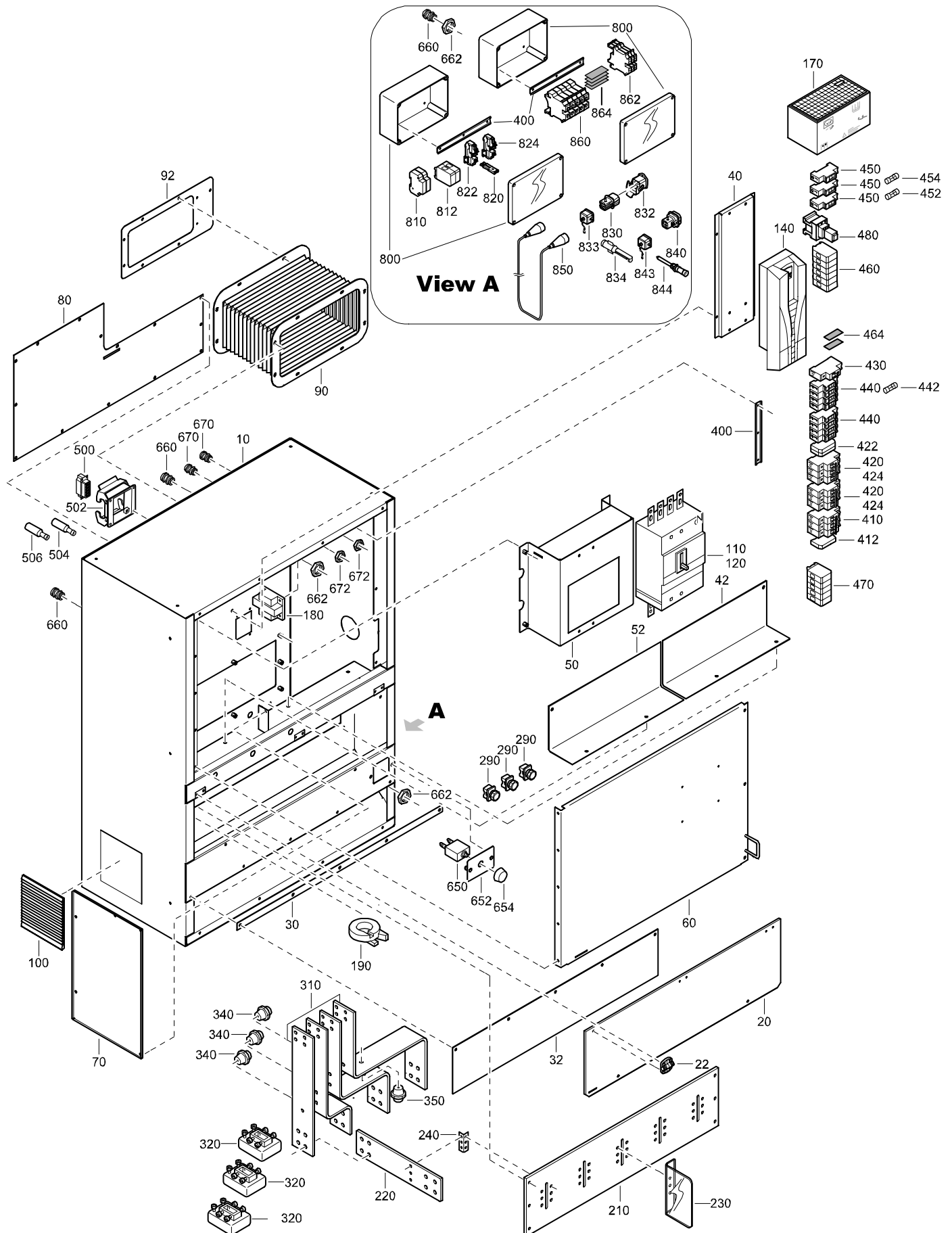
REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 5151 80	PANEL ASSEMBLY	(From page 24)				
•20	1604 5151 00	PANEL	1				
•25	-	SILENCING FOAM (50 mm)	1				
•30	1615 7884 00	CLIP	6				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

COWL



STANDARD

POWER CUBICAL



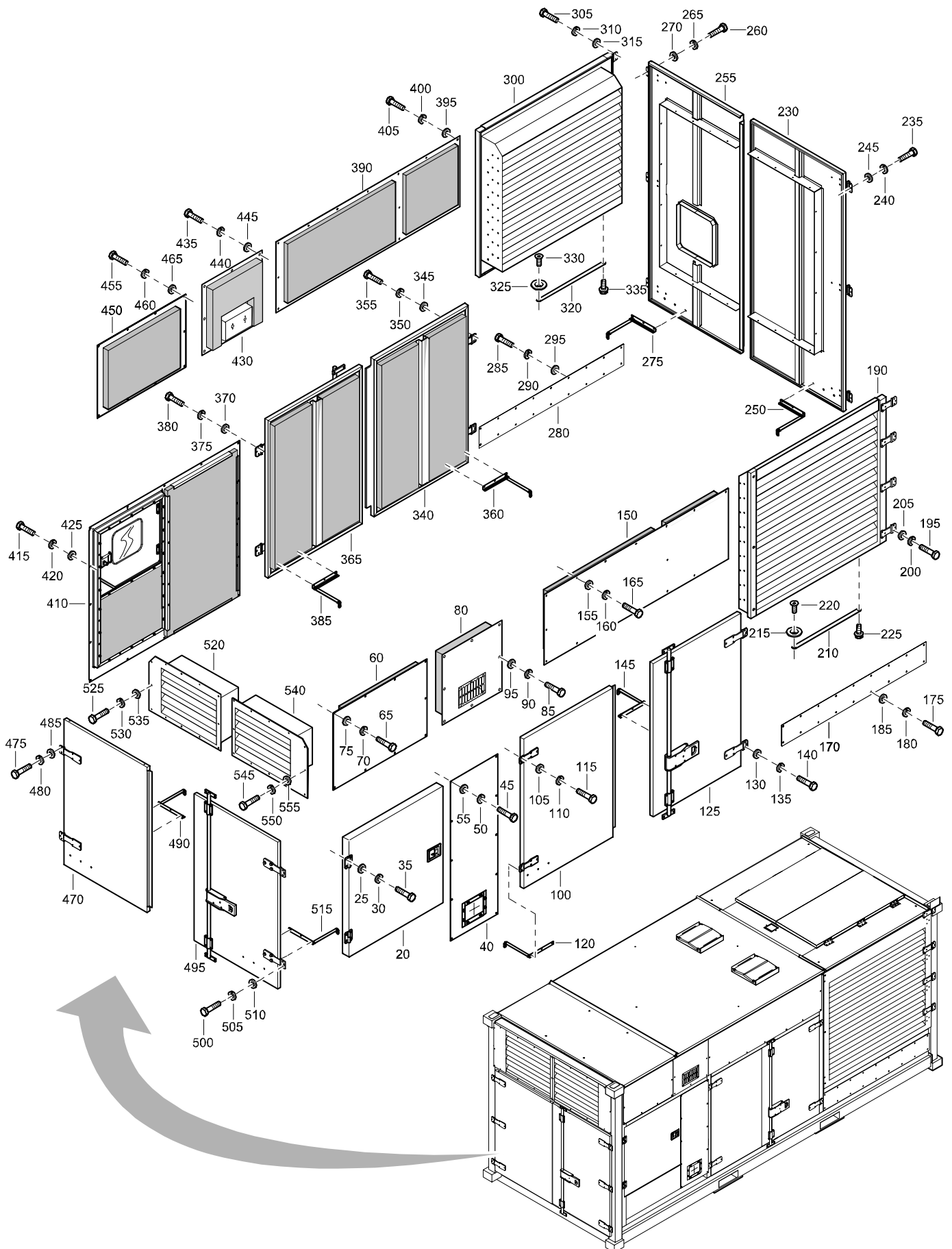
STANDARD

POWER CUBICAL

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1900 1019 10	POWER CUBICAL	(From page 43)	•860	1089 0577 13	TERMINAL	5
•10	1604 4412 05	CUBICLE	1	•862	1089 0577 12	TERMINAL	3
•20	1604 4414 04	SCREEN	1	•864	1089 0506 21	BARRIER	1
•22	1604 4146 00	HINGE	3				
•30	1604 4415 01	PLATE	1				
•32	1604 5117 00	PROTECTION	1				
•40	1604 4427 01	PLATE	1				
•42	1604 5367 01	SCREEN	1				
•50	1604 4426 02	SUPPORT	1				
•52	1604 5368 01	SCREEN	1				
•60	1604 4446 02	PANEL DOOR	1				
•70	1604 4428 01	PLATE	1				
•80	1604 4433 00	PLATE	1				
•90	1604 4571 00	FLEX COUPLING	1				
•92	1604 6773 00	PLATE	1				
•100	1089 9475 03	AIR INLET	1				
•110	1089 9474 35	CIRCUIT BREAKER	1				
•120	1089 9474 24	MOTOR DRIVE	1				
•140	1089 9523 52	FREQUENCY DRIVE	1				
•170	1089 0697 31	BATTERY CHARGER	1				
•180	1089 9483 21	TRANSFORMER	1				
•190	1089 9473 57	TORUS	1				
•210	1604 4438 01	PLATE	1				
•220	1604 4439 01	STRIP	5				
•230	1604 4440 00	INSULATION	5				
•240	1604 2901 00	BRACKET	10				
•290	1089 0263 34	PILOT LAMP	3				
•310	1604 4458 80	STRIP	1				
•320	1089 9470 04	CURRENT TRANSFO	3				
•340	1089 9385 06	ISOLATOR	3				
•350	1089 9385 09	ISOLATOR	1				
•400	0090 1400 02	RAIL	AR				
•410	1089 9472 27	CIRCUIT BREAKER	1				
•412	1089 0506 32	TERMINAL	1				
•420	1089 9472 39	CIRCUIT BREAKER	2				
•422	1089 0506 31	EARTH TERMINAL	2				
•424	1089 9473 04	AUX.CONTACT	2				
•430	1089 9472 38	CIRCUIT BREAKER	1				
•440	1089 9356 11	FUSE HOLDER	2				
•442	1089 9332 07	FUSE	6				
•450	1089 9356 13	FUSE HOLDER	3				
•452	1089 9332 04	FUSE	1				
•454	1089 9332 06	FUSE	2				
•460	1089 0506 09	TERMINAL	6				
•464	1089 0506 21	BARRIER	3				
•470	1089 0506 27	TERMINAL	5				
•480	1089 9578 01	CONTACTOR	1				
•500	1088 0029 71	FEMALE INSERT	2				
•502	-	HOUSING	1				
		(Not available separately)					
•504	1088 0029 99	FEMALE CONTACT	26				
•506	1088 0029 98	FEMALE CONTACT	20				
•650	1089 0362 29	EMERGENCY STOP	1				
•652	1604 5610 00	PLATE	1				
•654	1089 0362 96	PROTECTION CAP	1				
•660	0698 5140 74	CABLE GLAND	7				
•662	0697 9809 23	LOCKNUT	7				
•670	0698 5140 72	CABLE GLAND	2				
•672	0697 9809 21	NUT	2				
•800	1089 0658 29	BOX	2				
•810	1089 9410 22	AUXILIARY RELAY	2				
•812	1089 0506 19	DIODE	2				
•820	1089 0577 54	TERMINAL	23				
•822	1089 0577 83	JUMPER BAR	1				
•824	1089 0577 63	TERMINAL	2				
•830	1088 0029 44	FEMALE INSERT	1				
•832	-	HOUSING	2				
		(Not available separately)					
•833	1088 0029 68	PROTECT.COVER	1				
•834	1088 0029 63	FEMALE CONTACT	3				
•840	1088 0029 43	MALE INSERT	1				
•843	1088 0029 66	PROTECT.COVER	1				
•844	1088 0029 61	MALE CONTACT	3				
•850	1604 4685 00	CABLE	1				

STANDARD

CANOPY



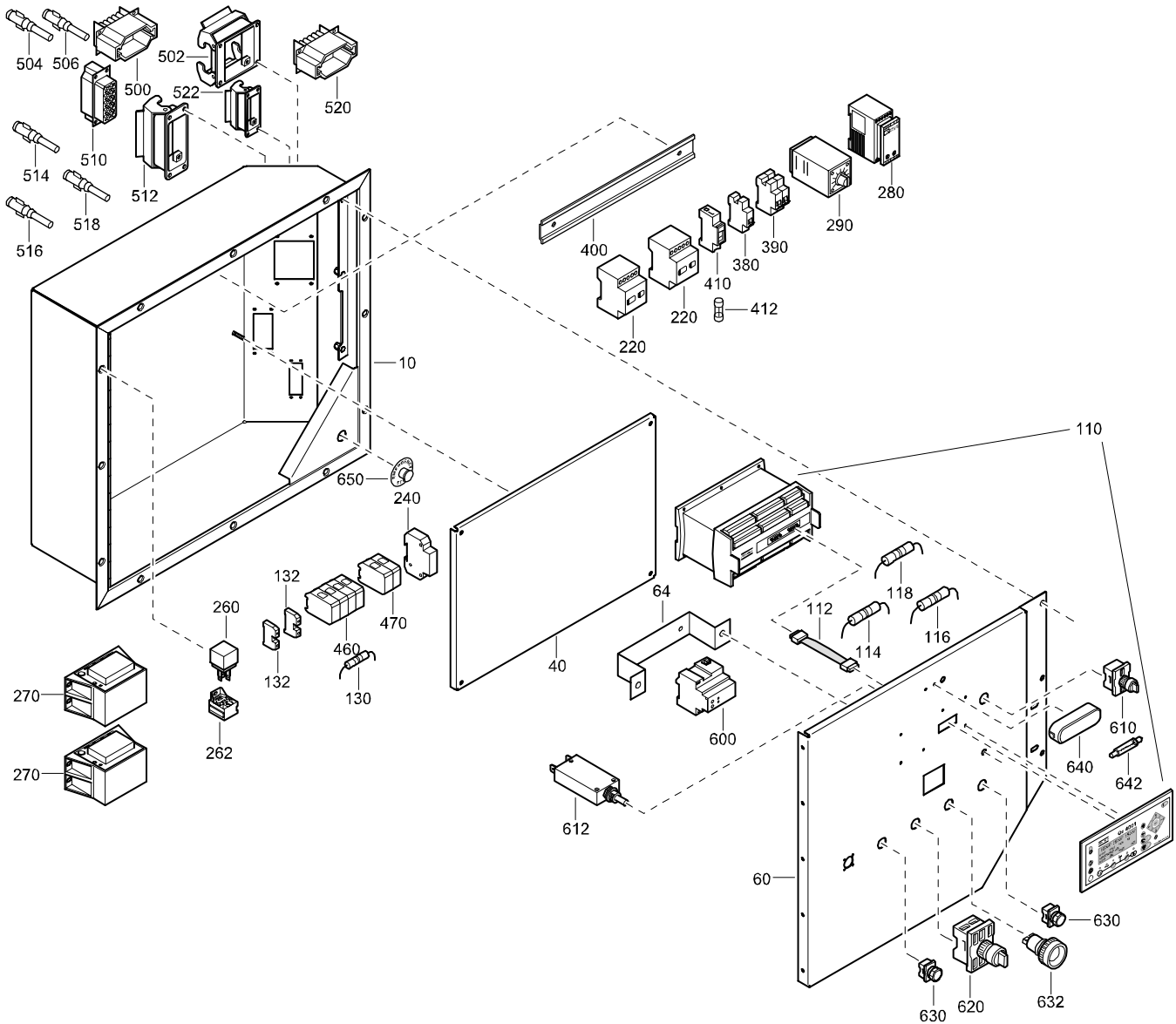
STANDARD

CANOPY

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4413 72	CANOPY		•310	0333 2174 37	SPRING WASHER	12
•20	1604 4413 81	DOOR (ASSY)	1	•315	0301 2135 01	PLAIN WASHER	12
		(For details see page 63)		•320	1604 6203 00	PLATE	1
•25	0301 2135 01	PLAIN WASHER	4	•325	1604 6204 00	SPACER	1
•30	0333 2174 37	SPRING WASHER	4	•330	0216 1324 03	HEX SOCK. SCREW	1
•35	0147 1326 02	HEX. HEAD SCREW	4	•335	1619 2766 00	HEX. HEAD SREW	1
•40	1604 5488 80	PANEL ASSY	1	•340	1604 4848 81	DOOR	1
		(For details see page 75)				(For details see page 66)	
•45	0147 1326 02	HEX. HEAD SCREW	10	•345	0301 2135 01	PLAIN WASHER	6
•50	0333 2174 37	SPRING WASHER	10	•350	0333 2174 37	SPRING WASHER	6
•55	0301 2135 01	PLAIN WASHER	10	•355	0147 1326 02	HEX. HEAD SCREW	6
•60	1604 4397 80	PLATE ASSY	1	•360	1604 5103 00	LOCK	1
		(For details see page 61)		•365	1604 4849 81	DOOR	1
						(For details see page 67)	
•65	0147 1326 02	HEX. HEAD SCREW	10	•370	0301 2135 01	PLAIN WASHER	10
•70	0333 2174 37	SPRING WASHER	10	•375	0333 2174 37	SPRING WASHER	10
•75	0301 2135 01	PLAIN WASHER	10	•380	0147 1326 02	HEX. HEAD SCREW	10
•80	1604 3269 80	PLATE ASSY	1	•385	1604 5103 00	LOCK	1
		(For details see page 57)		•390	1604 4513 81	PLATE ASSY	1
•85	0147 1326 02	HEX. HEAD SCREW	8			(For details see page 65)	
•90	0333 2174 37	SPRING WASHER	8	•395	0301 2135 01	PLAIN WASHER	17
•95	0301 2135 01	PLAIN WASHER	8	•400	0333 2174 37	SPRING WASHER	17
•100	1604 4848 81	DOOR	1	•405	0147 1326 02	HEX. HEAD SCREW	17
		(For details see page 66)		•410	1604 5501 82	PANEL	1
•105	0301 2135 01	PLAIN WASHER	6			(For details see page 76)	
•110	0333 2174 37	SPRING WASHER	6	•415	0147 1326 02	HEX. HEAD SCREW	16
•115	0147 1326 02	HEX. HEAD SCREW	6	•420	0333 2174 37	SPRING WASHER	16
•120	1604 5103 00	LOCK	1	•425	0301 2135 01	PLAIN WASHER	16
•125	1604 4849 81	DOOR	1	•430	1604 3269 80	PLATE ASSY	1
		(For details see page 67)				(For details see page 57)	
•130	0301 2135 01	PLAIN WASHER	10	•435	0147 1326 02	HEX. HEAD SCREW	8
•135	0333 2174 37	SPRING WASHER	10	•440	0333 2174 37	SPRING WASHER	8
•140	0147 1326 02	HEX. HEAD SCREW	10	•445	0301 2135 01	PLAIN WASHER	8
•145	1604 5103 00	LOCK	1	•450	1604 4397 80	PLATE ASSY	1
•150	1604 4512 81	PLATE ASSY	1			(For details see page 61)	
		(For details see page 64)		•455	0147 1326 02	HEX. HEAD SCREW	10
•155	0301 2135 01	PLAIN WASHER	17	•460	0333 2174 37	SPRING WASHER	10
•160	0333 2174 37	SPRING WASHER	17	•465	0301 2135 01	PLAIN WASHER	10
•165	0147 1326 02	HEX. HEAD SCREW	17	•470	1604 4857 81	DOOR	1
•170	1604 2914 00	PANEL	1			(For details see page 73)	
		(For details see page 56)		•475	0147 1326 02	HEX. HEAD SCREW	6
•175	0147 1326 02	HEX. HEAD SCREW	14	•480	0333 2174 37	SPRING WASHER	6
•180	0333 2174 37	SPRING WASHER	14	•485	0301 2135 01	PLAIN WASHER	6
•185	0301 2135 01	PLAIN WASHER	14	•490	1604 5103 00	LOCK	1
•190	1604 4850 80	DOOR ASS'Y	1	•495	1604 4856 81	DOOR	1
		(For details see page 68)				(For details see page 72)	
•195	0147 1326 02	HEX. HEAD SCREW	12	•500	0147 1326 02	HEX. HEAD SCREW	10
•200	0333 2174 37	SPRING WASHER	12	•505	0333 2174 37	SPRING WASHER	10
•205	0301 2135 01	PLAIN WASHER	12	•510	0301 2135 01	PLAIN WASHER	10
•210	1604 6203 00	PLATE	1	•515	1604 5103 00	LOCK	1
•215	1604 6204 00	SPACER	1	•520	1604 4354 81	BAFFLE	1
•220	0216 1324 03	HEX SOCK. SCREW	1			(For details see page 58)	
•225	1619 2766 00	HEX. HEAD SREW	1	•525	0147 1326 02	HEX. HEAD SCREW	12
•230	1604 4852 81	DOOR ASS'Y	1	•530	0333 2174 37	SPRING WASHER	12
		(For details see page 69)		•535	0301 2135 01	PLAIN WASHER	12
•235	0147 1326 02	HEX. HEAD SCREW	9	•540	1604 4355 81	BAFFLE	1
•240	0333 2174 37	SPRING WASHER	9			(For details see page 59)	
•245	0301 2135 01	PLAIN WASHER	9	•545	0147 1326 02	HEX. HEAD SCREW	12
•250	1604 5103 00	LOCK	1	•550	0333 2174 37	SPRING WASHER	12
•255	1604 4853 80	DOOR ASS'Y	1	•555	0301 2135 01	PLAIN WASHER	12
		(For details see page 70)					
•260	0147 1326 02	HEX. HEAD SCREW	9				
•265	0333 2174 37	SPRING WASHER	9				
•270	0301 2135 01	PLAIN WASHER	9				
•275	1604 5103 00	LOCK	1				
•280	1604 2914 00	PANEL	1				
		(For details see page 56)					
•285	0147 1326 02	HEX. HEAD SCREW	14				
•290	0333 2174 37	SPRING WASHER	14				
•295	0301 2135 01	PLAIN WASHER	14				
•300	1604 4854 80	DOOR ASS'Y	1				
		(For details see page 71)					
•305	0147 1326 02	HEX. HEAD SCREW	12				

STANDARD

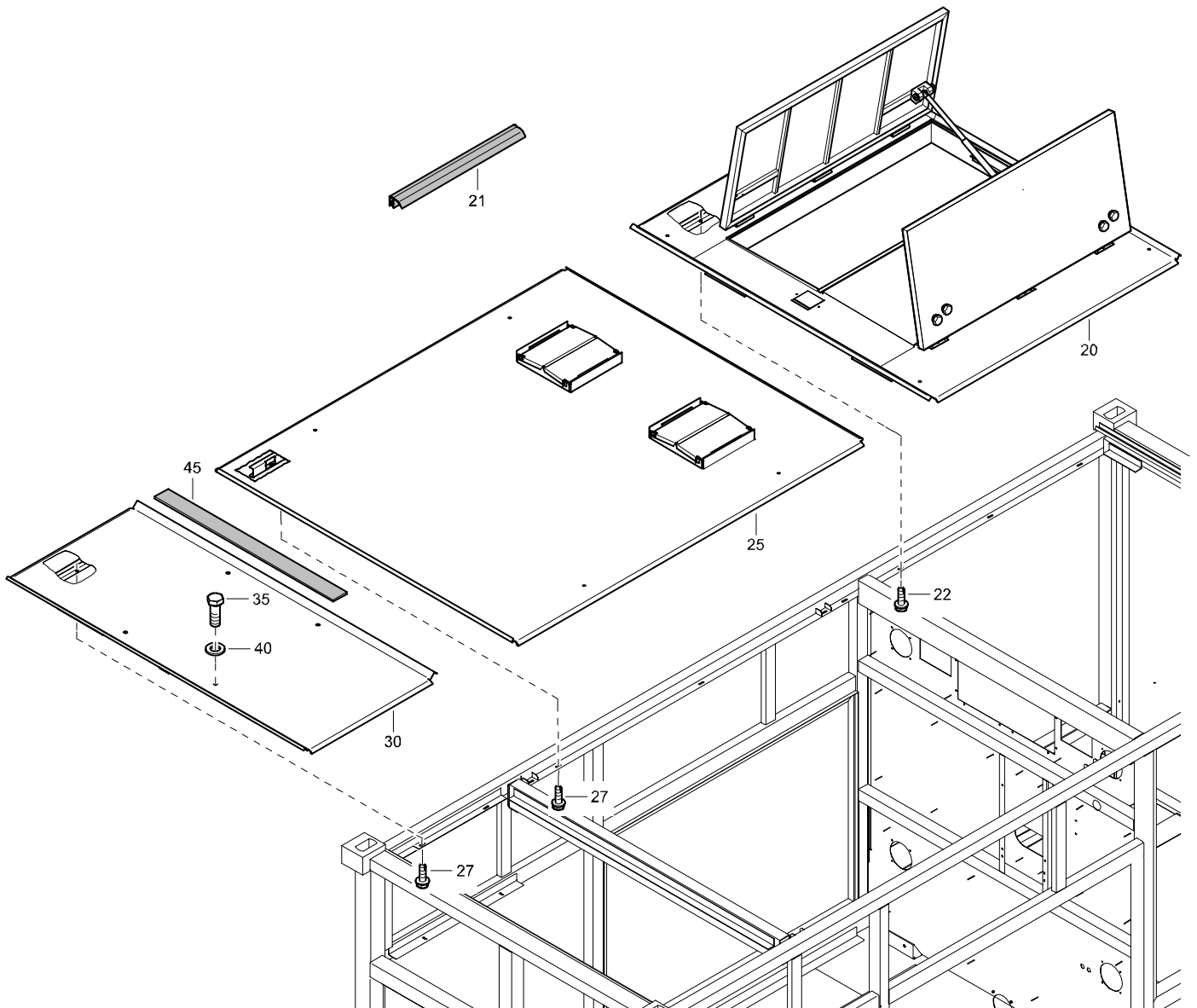
CONTROL CUBICAL



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1900 1019 11	CONTROL CUBICAL (From page 42)		•460	1089 0506 09	TERMINAL	5
•10	1604 5507 02	CUBICLE	1	•470	1089 0506 27	TERMINAL	4
•40	1604 5508 00	PLATE	1	•500	1088 0029 25	MALE INSERT	2
•60	1604 5509 00	PANEL DOOR	1	•502	-	HOUSING	1
•64	1604 4595 00	SUPPORT	1			(Not available separately)	
•110	1089 9561 35	QC4001+PMS CONTROLLER	1	•504	1088 0029 69	MALE CONTACT	26
•112	1089 9561 40	DISPLAY CABLE QC4001 J1	1	•506	1088 0029 97	MALE CONTACT	20
•114	1089 0310 31	RESISTOR	1	•510	1088 0029 47	TERMINAL BLOCK	1
•116	1089 0310 33	RESISTOR	1	•512	-	HOUSING	1
•118	1089 0310 29	RESISTOR	1			(Not available separately)	
•130	1089 0310 13	RESISTOR	1	•514	1088 0029 61	MALE CONTACT	25
•132	1089 0506 19	DIODE	2	•516	1088 0029 56	MALE CONTACT	19
•220	1089 0645 02	CONTROL RELAY	2	•518	1088 0029 55	MALE CONTACT	6
•240	1089 9410 22	AUXILIARY RELAY	1	•520	1088 0029 42	MALE INSERT	1
•260	1089 0341 08	RELAY	7	•522	-	HOUSING	1
•262	1089 0358 01	SOCKET	7			(Not available separately)	
•270	1089 0687 51	CONTROL UNIT	2	•600	1089 9473 54	EARTH RELAY	1
•280	1089 9320 51	CONVERTOR	1	•610	1089 0263 27	SELECTOR SWITCH	2
•290	1604 8166 00	TIMER RELAY	1	•612	1089 9206 31	CIRCUIT BREAKER	1
•380	1089 9473 20	SWITCH	2	•620	1089 0263 11	SELECTOR SWITCH	1
•390	1089 9473 21	SWITCH	1	•630	1089 0263 14	PUSH BUTTON	1
•400	0090 1400 02	RAIL	AR	•632	1089 0263 35	INDICATION LAMP	1
•410	1089 9356 13	FUSE HOLDER	2	•640	1089 9354 01	PANELLIGHT	1
•412	1089 9332 04	FUSE	2	•642	1089 0374 01	LAMP	1
				•650	1089 0362 29	EMERGENCY STOP	1

STANDARD

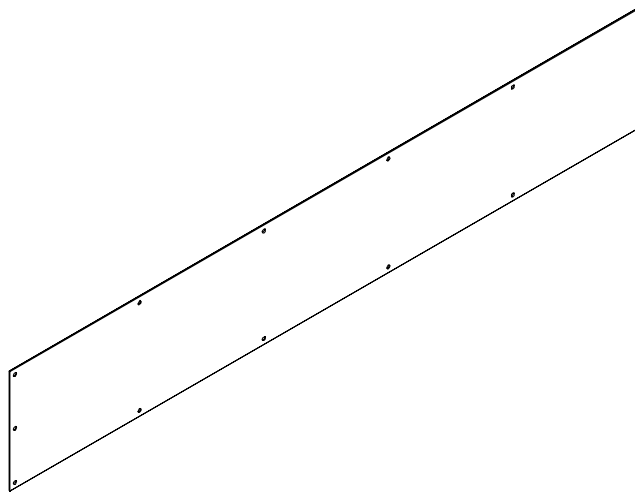
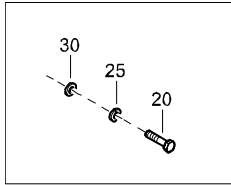
ROOF ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 2949 74	ROOF ASSEMBLY	(From page 46)				
•20	1604 4407 80	ROOF (FRONT)	1				
		(For details see page 62)					
•21	1619 2665 00	SEAL	AR				
•22	1615 5664 00	HEX. HEAD SCREW	6				
•25	1604 4309 83	ROOF	1				
		(For details see page 60)					
•27	1615 5664 00	HEX. HEAD SCREW	6				
•30	1604 4882 80	ROOF (ASSY)	1				
		(For details see page 74)					
•32	1615 5664 00	HEX. HEAD SCREW	6				
•35	0147 1402 03	HEX. HEAD SCREW	12				
•40	0301 2358 00	PLAIN WASHER	12				
•45	0030 6001 04	SEAL	AR				

STANDARD

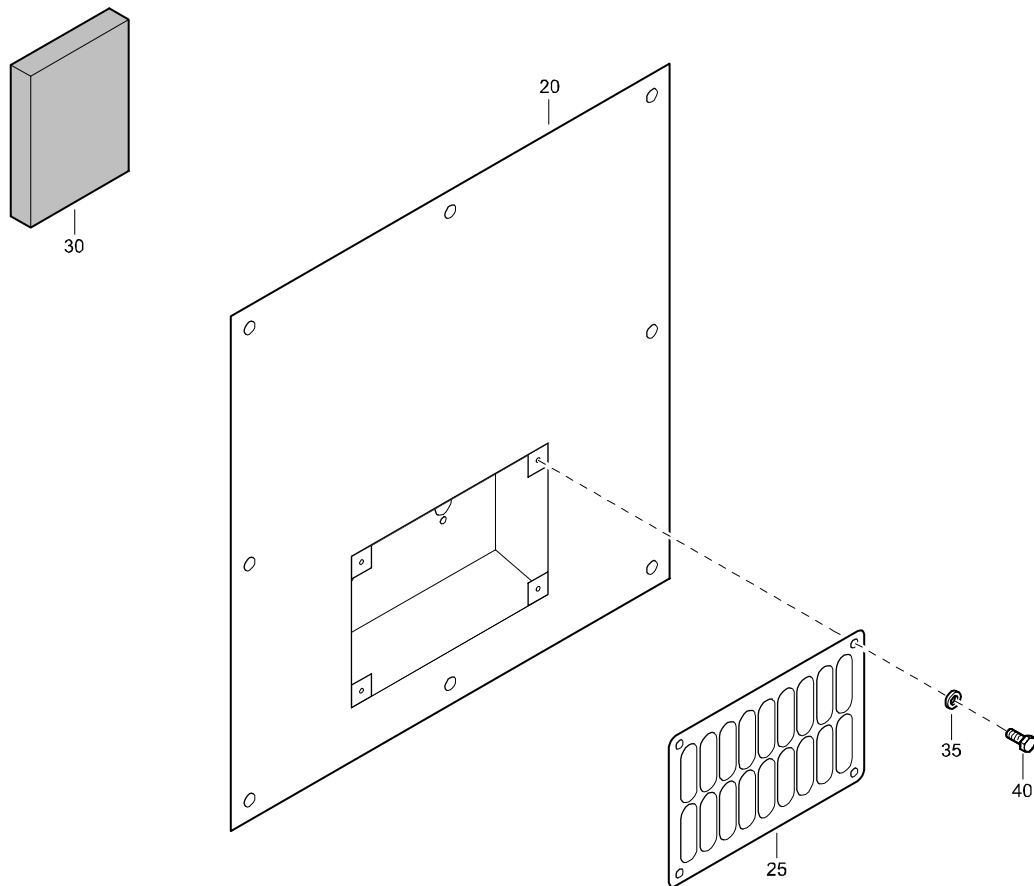
PANEL



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 2914 00	PANEL	(From page 52)				
•20	0147 1323 02	HEX. HEAD SCREW	14				
•25	0333 2174 37	SPRING WASHER	14				
•30	0301 2135 01	PLAIN WASHER	14				

STANDARD

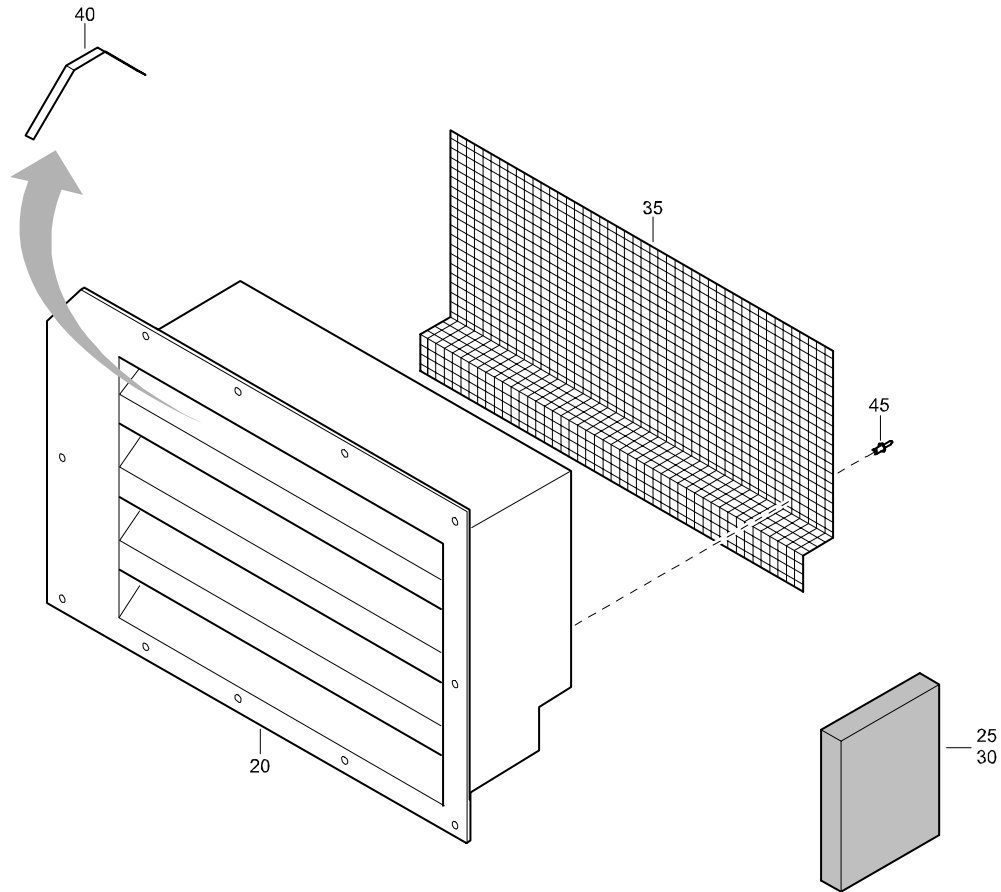
PLATE ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 3269 80	PLATE ASSEMBLY	(From page 52)				
•20	1604 3269 00	BOX	1				
•25	1604 3270 00	PLATE	1				
•30	-	SILENCING FOAM (50 mm)	1				
•35	0301 2318 00	PLAIN WASHER	4				
•40	0147 1205 03	HEX. HEAD SCREW	4				
-	1079 0003 33	SILENCING FOAM 2000 mm x 1500 mm x 50 mm					

STANDARD

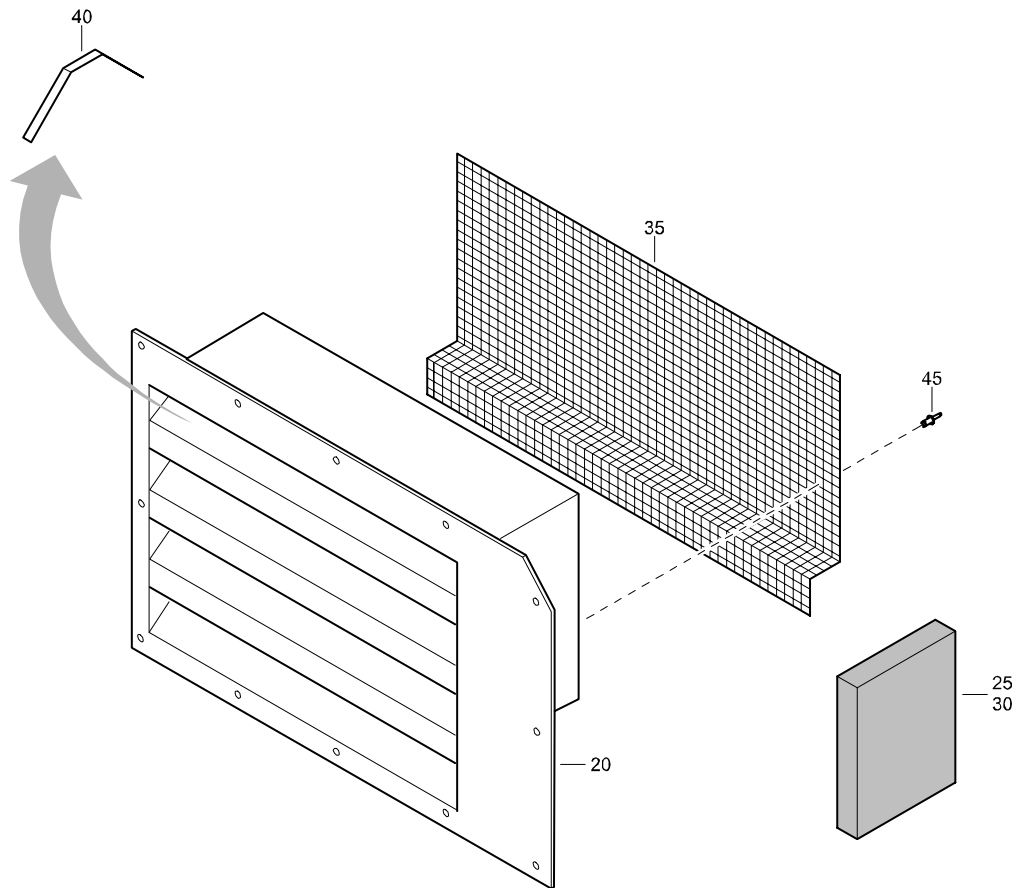
BAFFLE



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4354 81	BAFFLE	(From page 52)				
•20	1604 4354 00	BAFFLE	1				
•25	-	SILENCING FOAM (50 mm)	2				
•30	-	SILENCING FOAM (50 mm)	2				
•35	1604 4499 01	GUARD	1				
•40	1604 4757 00	BRACKET	2				
•45	0129 3116 00	BLIND RIVET	12				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

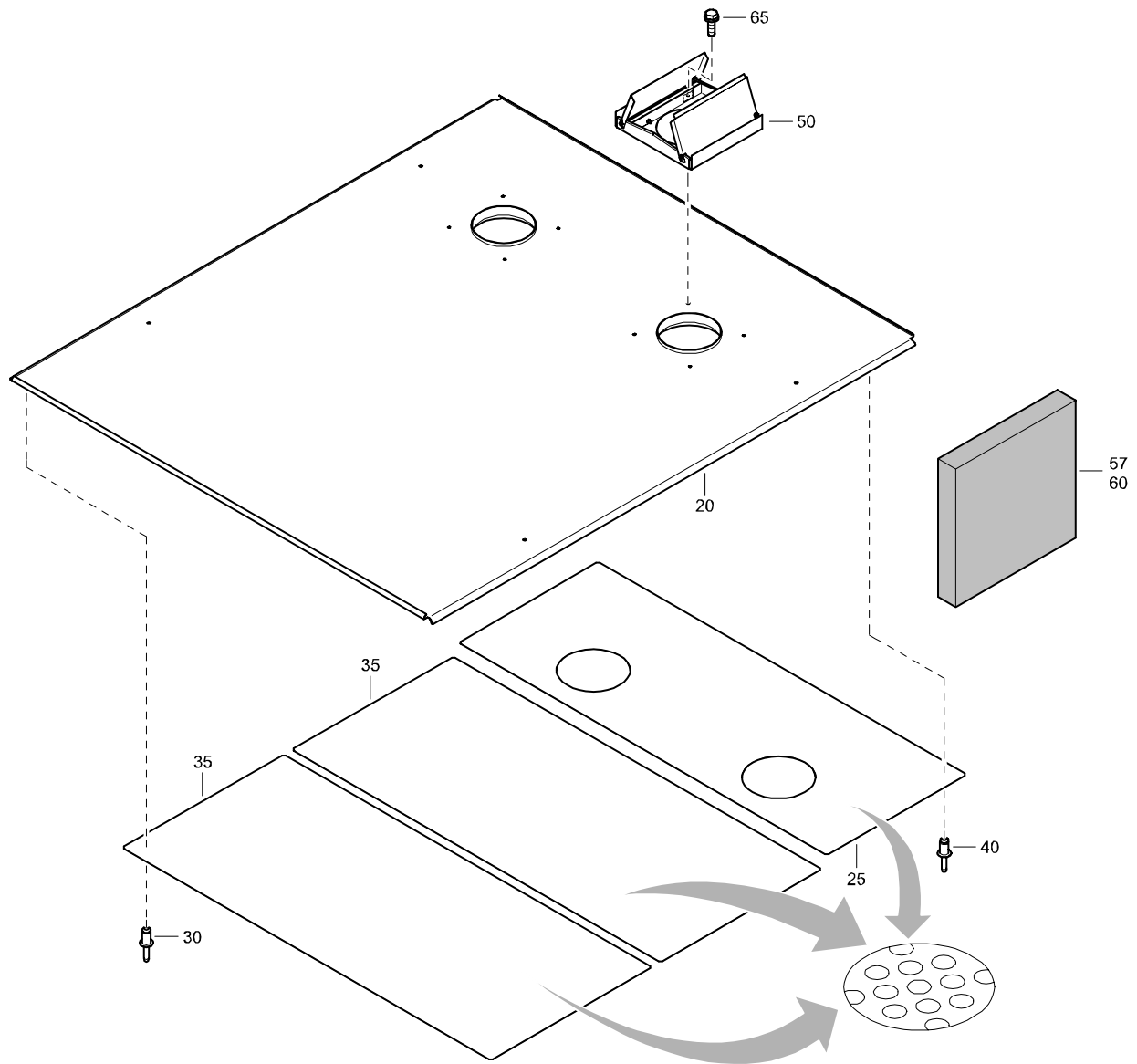
BAFFLE



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4355 81	BAFFLE	(From page 52)				
•20	1604 4355 00	BAFFLE	1				
•25	-	SILENCING FOAM (50 mm)	2				
•30	-	SILENCING FOAM (50 mm)	2				
•35	1604 4499 01	GUARD	1				
•40	1604 4757 00	BRACKET	2				
•45	0129 3116 00	BLIND RIVET	12				
-	1079 0003 33	SILENCING FOAM 2000 mm x 1500 mm x 50 mm					

STANDARD

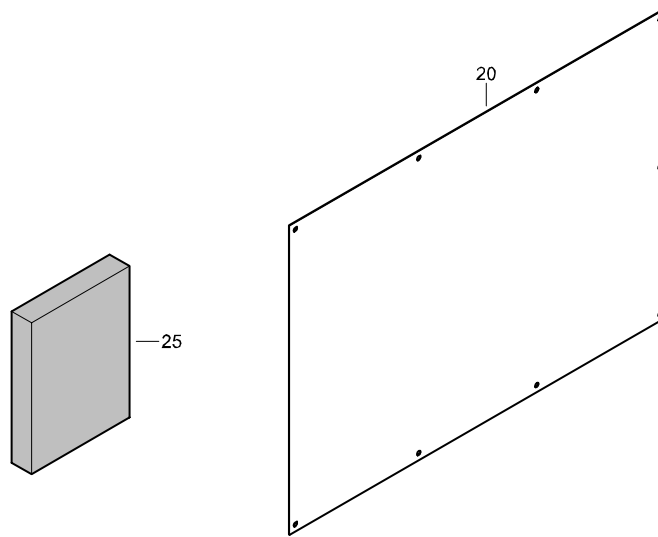
ROOF



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4309 83	ROOF	(From page 55)				
•20	1604 4309 03	ROOF	1				
•25	1604 4903 03	PLATE	1				
•30	0129 3108 00	BLIND RIVET	20				
•35	1604 4904 01	PLATE	2				
•40	0129 3108 00	BLIND RIVET	20				
•50	1604 3111 83	PLATE	2				
		(For details see page 77)					
•57	1604 7591 00	INSULATION	2				
•60	1604 7592 00	INSULATION	4				
•65	1619 2766 00	HEX. HEAD SCREW	8				

STANDARD

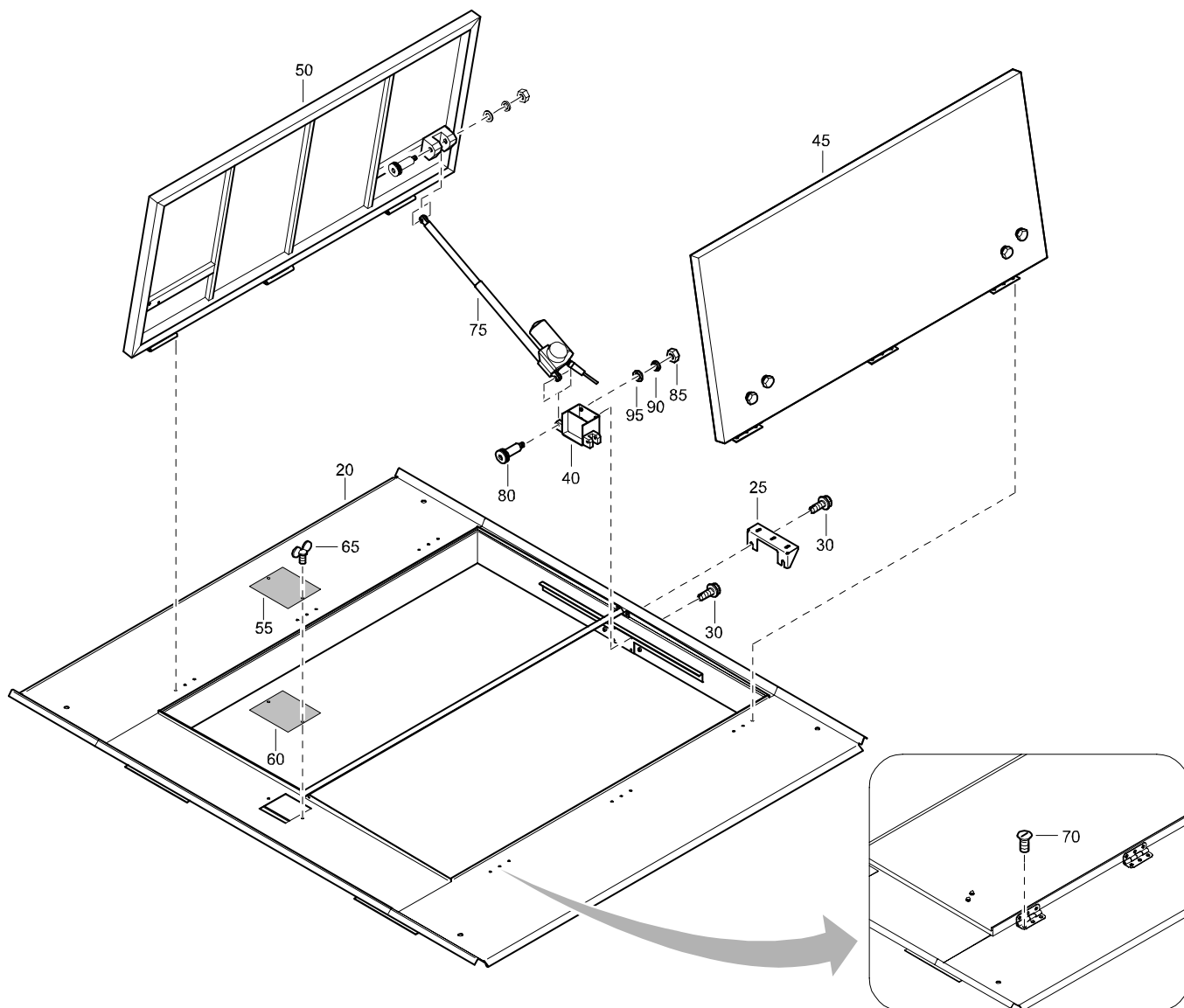
PANEL ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4397 80	PANEL ASSEMBLY	(From page 52)				
•20	1604 4397 01	PLATE	1				
•25	-	SILENCING FOAM (50 mm)	1				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

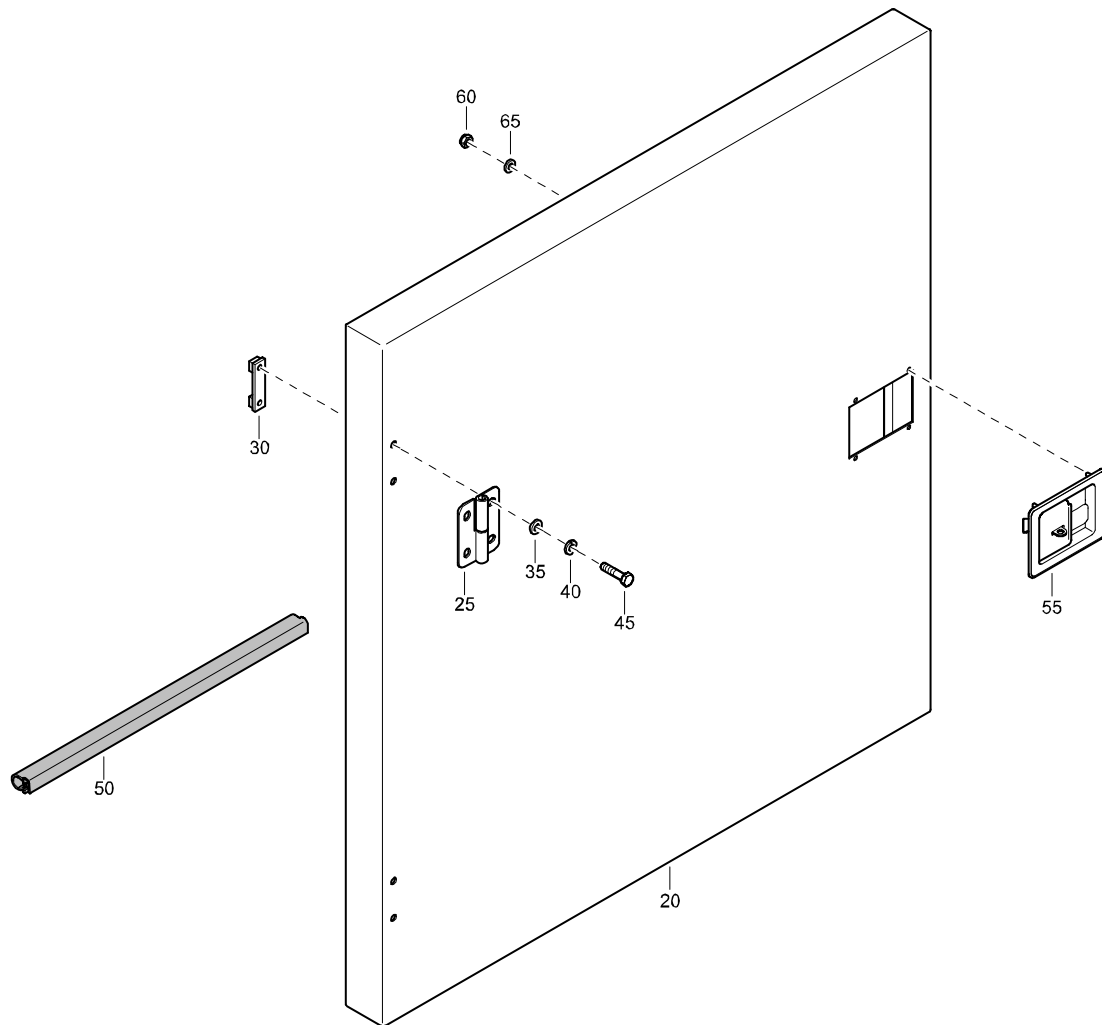
ROOF FRONT



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4407 80	ROOF (FRONT) (From page 55)					
•20	1604 4407 01	ROOF	1				
•25	1604 5312 01	BRACKET	1				
•30	1619 2766 00	HEX. HEAD SREW	6				
•40	1604 4386 00	BRACKET	1				
•45	1604 4387 90	ROOF (ASSY) (For details see page 80)	1				
•50	1604 4387 80	ROOF (ASSY) (For details see page 81)	1				
•55	1604 4883 00	SEAL (TOP TANK)	1				
•60	1615 7057 00	SEAL	AR				
•65	0223 1322 02	WING SCREW	2				
•70	0216 1320 00	HEX. SOCKET SCREW	18				
•75	1089 0687 01	ACTUATOR	2				
•80	0223 4000 30	SHOULDER SCREW	2				
•85	0266 2110 00	HEXAGON NUT	2				
•90	0333 2174 37	SPRING WASHER	2				
•95	0300 0274 49	PLAIN WASHER	2				

STANDARD

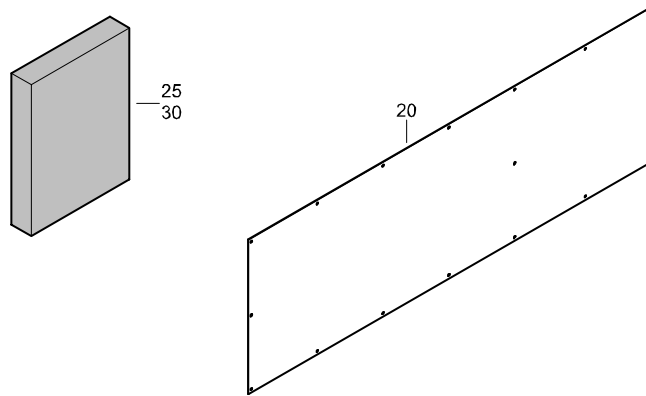
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4413 81	DOOR ASSEMBLY	(From page 52)				
•20	1604 4413 01	DOOR	1				
•25	1604 4579 00	HINGE	2				
•30	1615 5684 00	BRACKET	2				
•35	0301 2135 01	PLAIN WASHER	4				
•40	0333 2174 37	SPRING WASHER	4				
•45	0147 1326 02	HEX. HEAD SCREW	4				
•50	1604 4317 00	SEAL	AR				
•55	1604 6197 00	HANDLE	1				
•60	0291 1108 00	LOCKNUT	4				
•65	0301 2121 00	PLAIN WASHER	4				

STANDARD

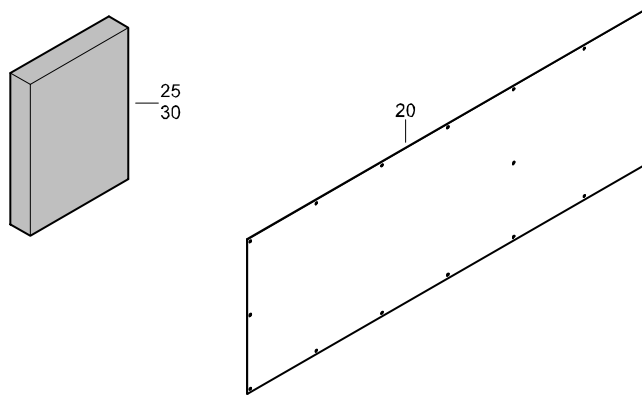
PLATE ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4512 81	PLATE ASSEMBLY	(From page 52)				
•20	1604 4512 01	PLATE	1				
•25	-	SILENCING FOAM (50 mm)	1				
•30	-	SILENCING FOAM (50 mm)	1				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

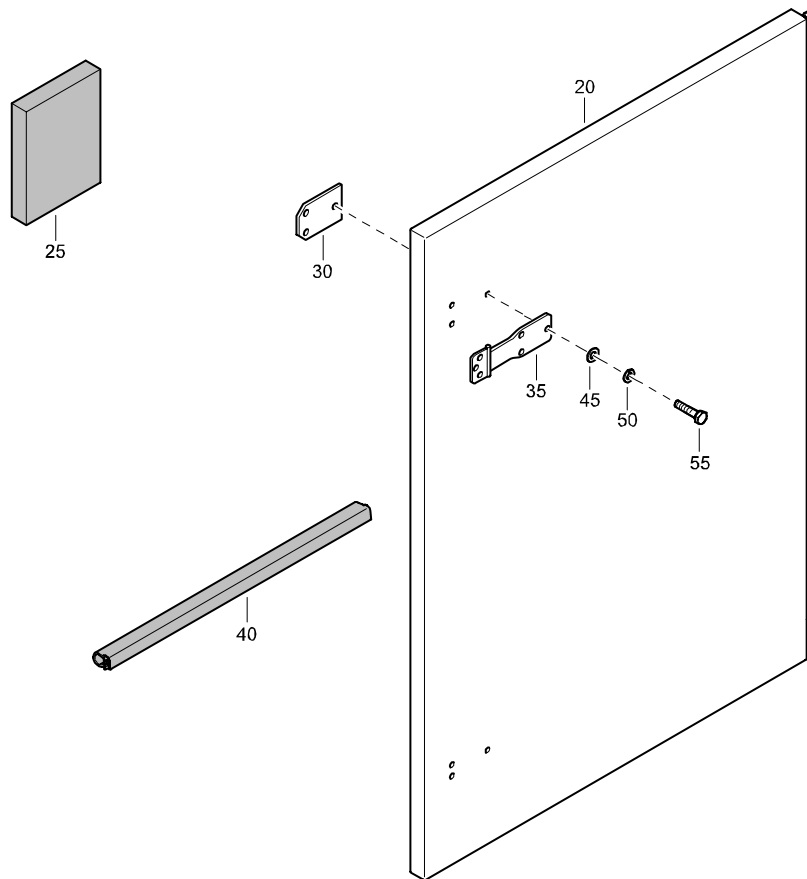
PLATE ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4513 81	PLATE ASSEMBLY	(From page 52)				
•20	1604 4512 01	PLATE	1				
•25	-	SILENCING FOAM (50 mm)	1				
•30	-	SILENCING FOAM (50 mm)	1				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

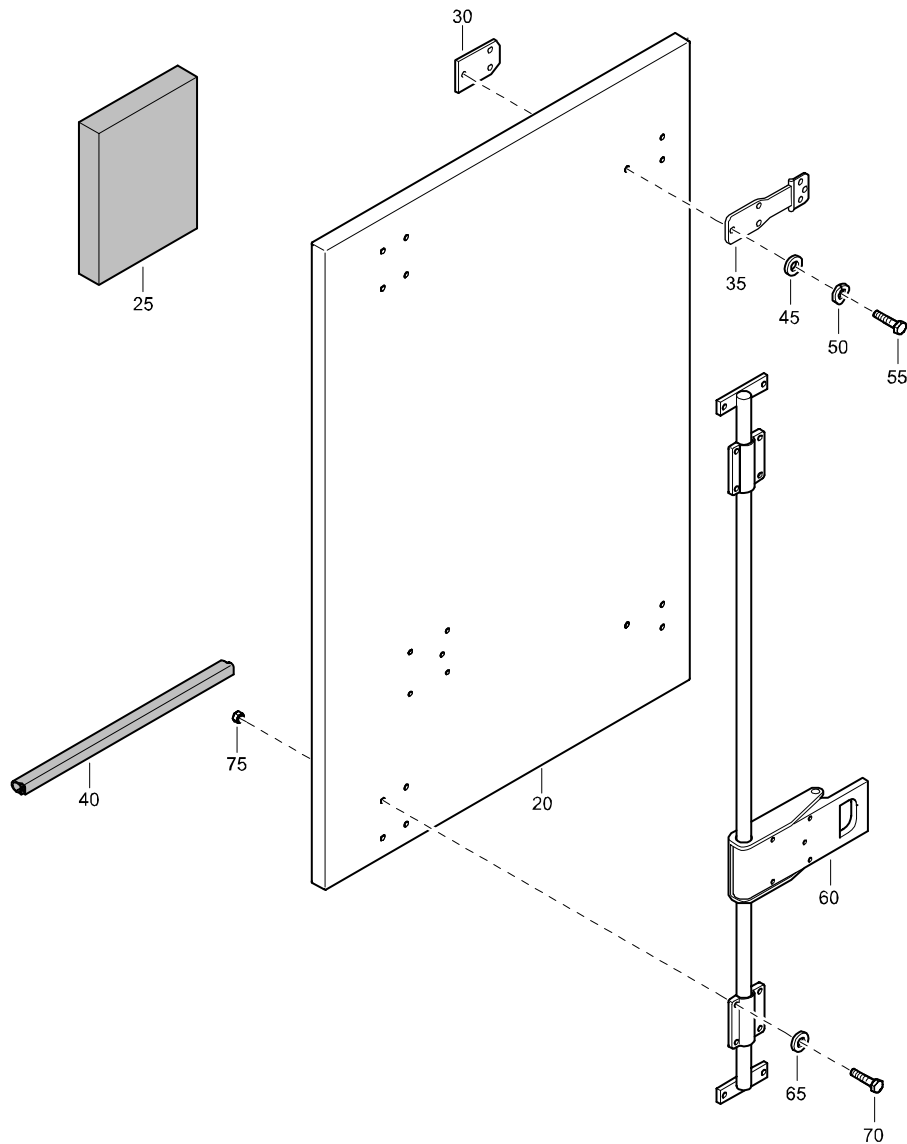
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4848 81	DOOR ASSEMBLY	(From page 52)				
•20	1604 4848 00	DOOR	1				
•25	1604 6102 00	INSULATION	2				
•30	1604 2867 00	BRACKET	2				
•35	1604 2870 00	HINGE	2				
•40	1604 4317 00	SEAL	AR				
•45	0301 2135 01	PLAIN WASHER	6				
•50	0333 2174 37	SPRING WASHER	6				
•55	0147 1326 02	HEX. HEAD SCREW	6				

STANDARD

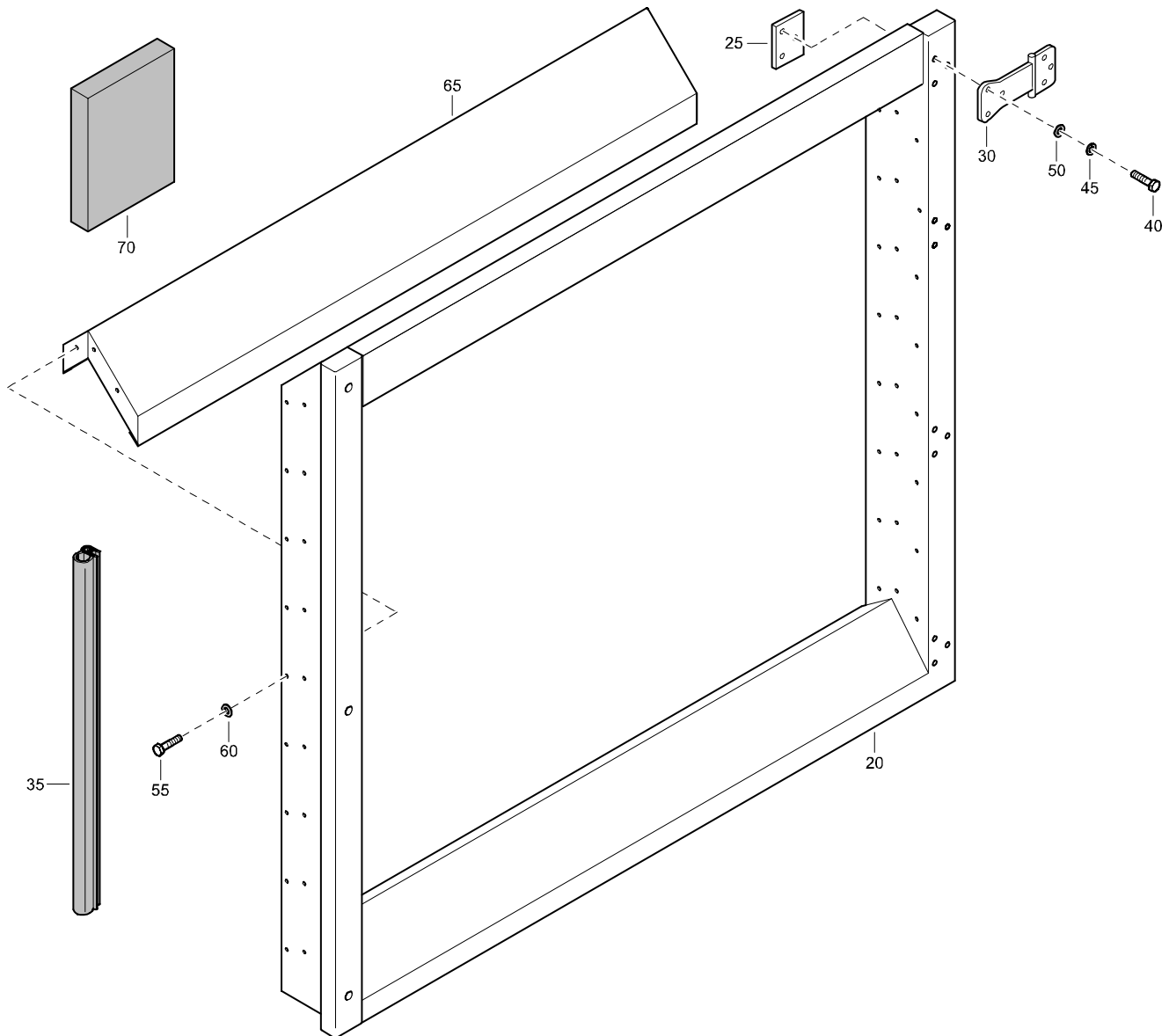
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4849 81	DOOR ASSEMBLY	(From page 52)				
•20	1604 4849 00	DOOR	1				
•25	1604 6102 00	INSULATION	2				
•30	1604 2867 00	BRACKET	2				
•35	1604 2870 00	HINGE	2				
•40	1604 4317 00	SEAL	AR				
•45	0301 2135 01	PLAIN WASHER	6				
•50	0333 2174 37	SPRING WASHER	6				
•55	0147 1326 02	HEX. HEAD SCREW	6				
•60	1604 2869 00	LOCK	1				
•65	0301 2135 01	PLAIN WASHER	12				
•70	0147 1326 02	HEX. HEAD SCREW	12				
•75	0266 1110 02	HEXAGON NUT	12				

STANDARD

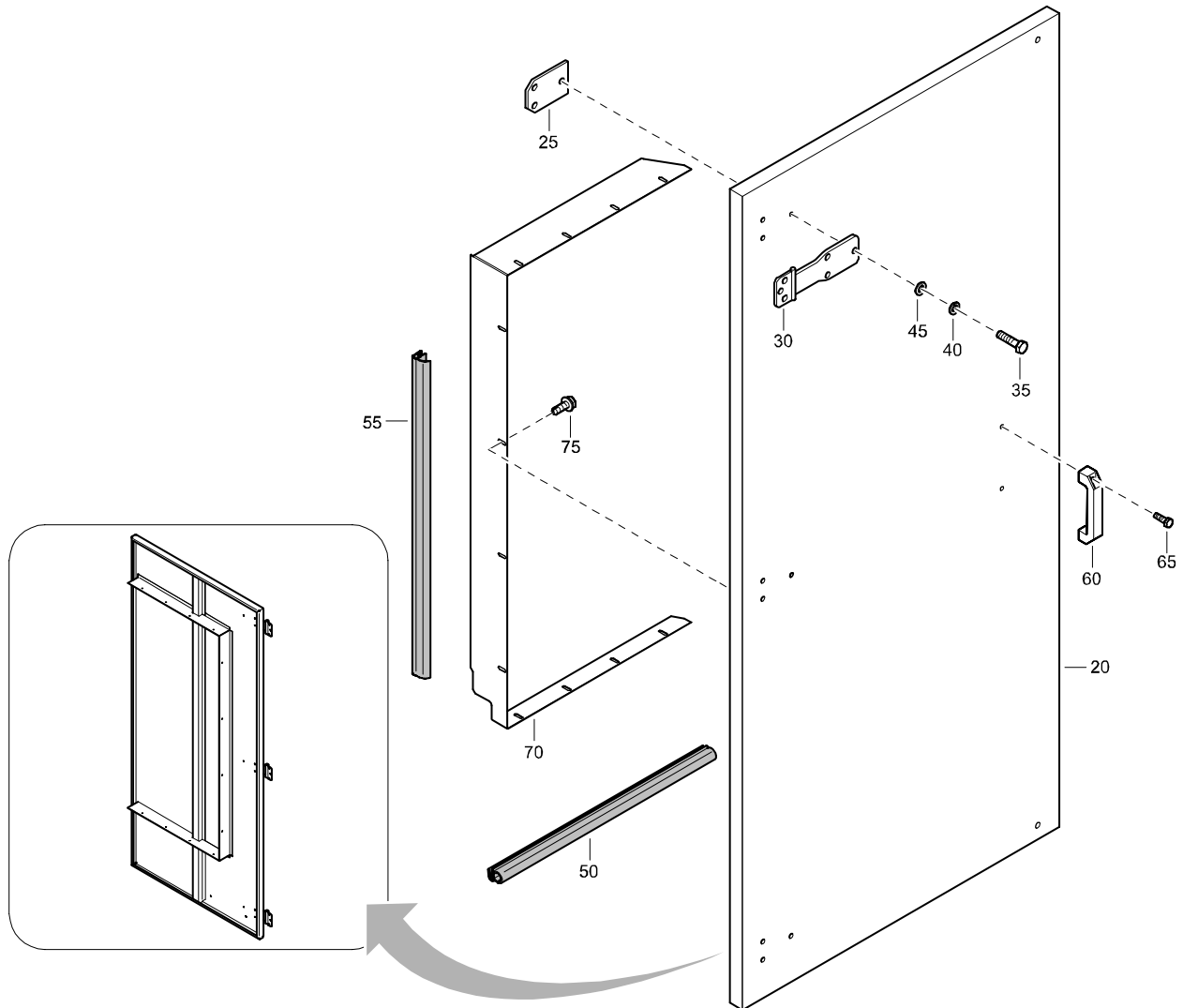
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4850 80	DOOR ASSEMBLY	(From page 52)				
•20	1604 4850 00	DOOR	1				
•25	1604 2856 00	BRACKET	4				
•30	1604 2859 00	HINGE	4				
•35	1604 4317 00	SEAL	AR				
•40	0147 1326 02	HEX. HEAD SCREW	12				
•45	0333 2174 37	SPRING WASHER	12				
•50	0301 2135 01	PLAIN WASHER	12				
•55	0147 1326 03	HEX. HEAD SCREW	54				
•60	0301 2335 00	PLAIN WASHER	54				
•65	1604 4851 00	BAFFLE	9				
•70	-	SILENCING FOAM (50 mm)	9				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

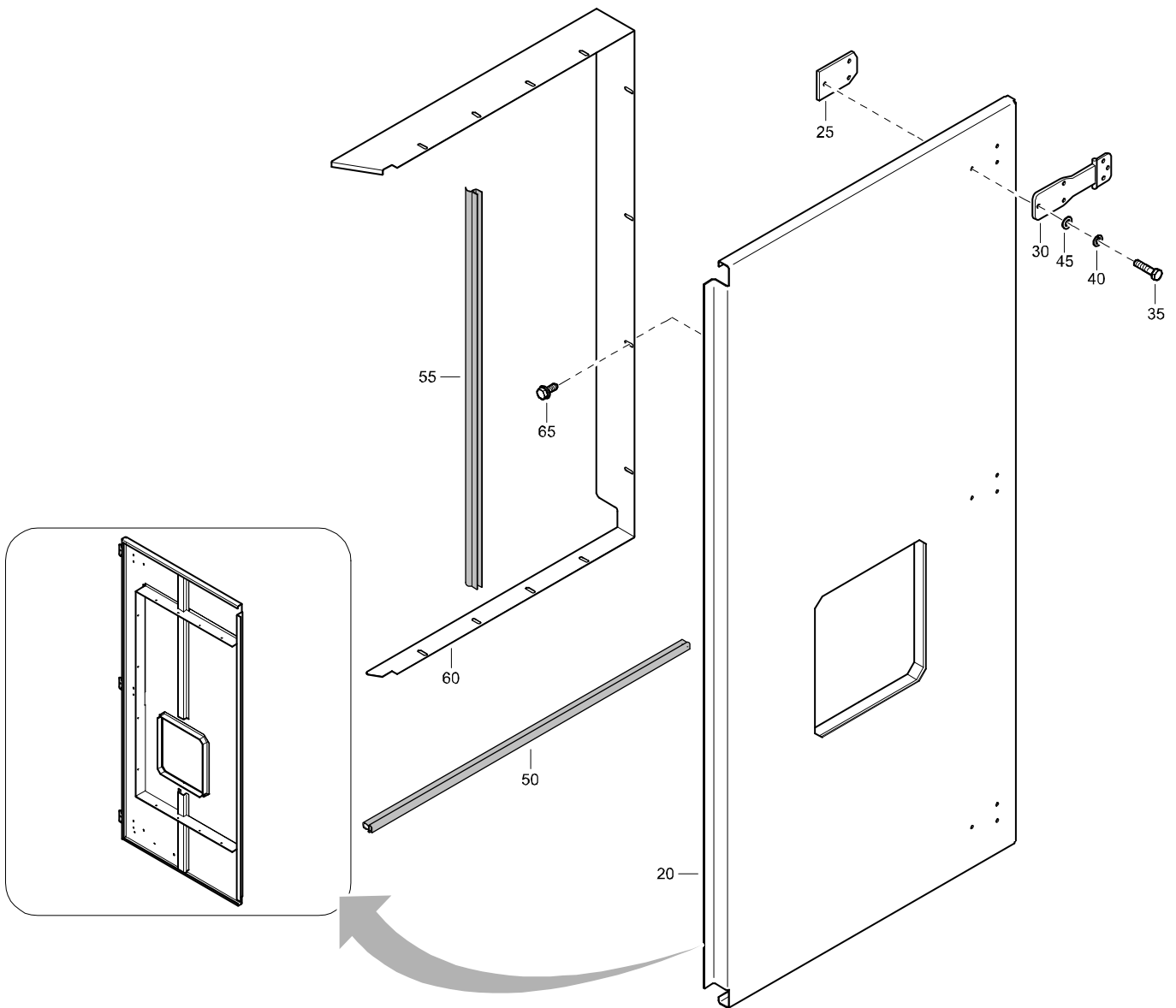
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4852 81	DOOR ASSEMBLY	(From page 52)				
•20	1604 4852 01	DOOR	1				
•25	1604 2867 00	BRACKET	3				
•30	1604 2870 00	HINGE	3				
•35	0147 1326 02	HEX. HEAD SCREW	9				
•40	0333 2174 37	SPRING WASHER	9				
•45	0301 2135 01	PLAIN WASHER	9				
•50	1604 4317 00	SEAL	AR				
•55	1604 4318 00	SEAL	AR				
•60	1202 8673 00	HANDGRIP	1				
•65	0147 1246 03	HEX. HEAD SCREW	2				
•70	1604 4858 00	SEAL	1				
•75	1619 2766 00	HEX. HEAD SCREW	12				

STANDARD

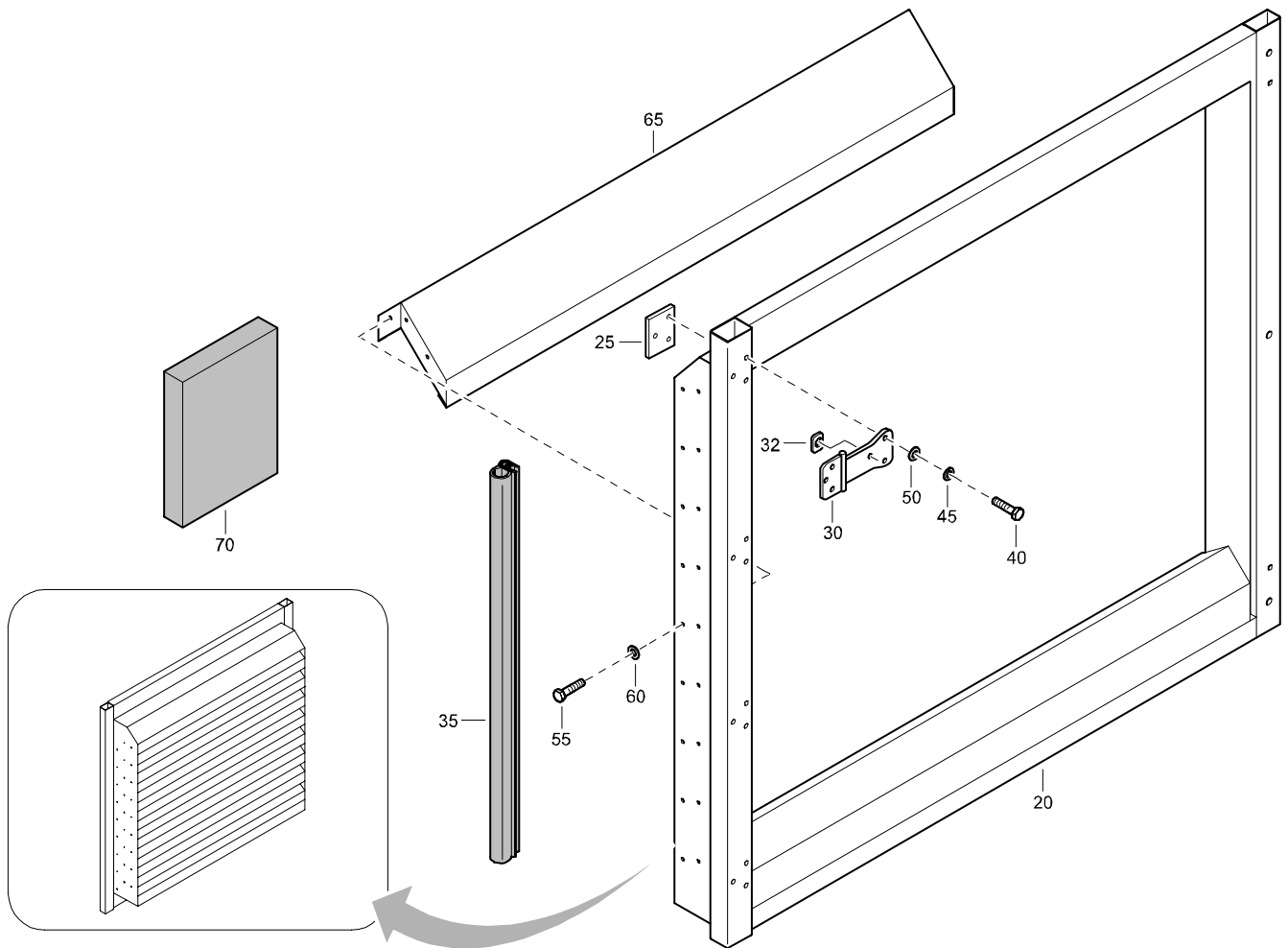
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4853 80	DOOR ASSEMBLY	(From page 52)				
•20	1604 4853 00	DOOR	1				
•25	1604 2867 00	BRACKET	3				
•30	1604 2870 00	HINGE	3				
•35	0147 1326 02	HEX. HEAD SCREW	9				
•40	0333 2174 37	SPRING WASHER	9				
•45	0301 2135 01	PLAIN WASHER	9				
•50	1604 4317 00	SEAL	AR				
•55	1202 6584 00	SEAL	AR				
•60	1604 4859 00	SEAL	1				
•65	1619 2766 00	HEX. HEAD SREW	12				

STANDARD

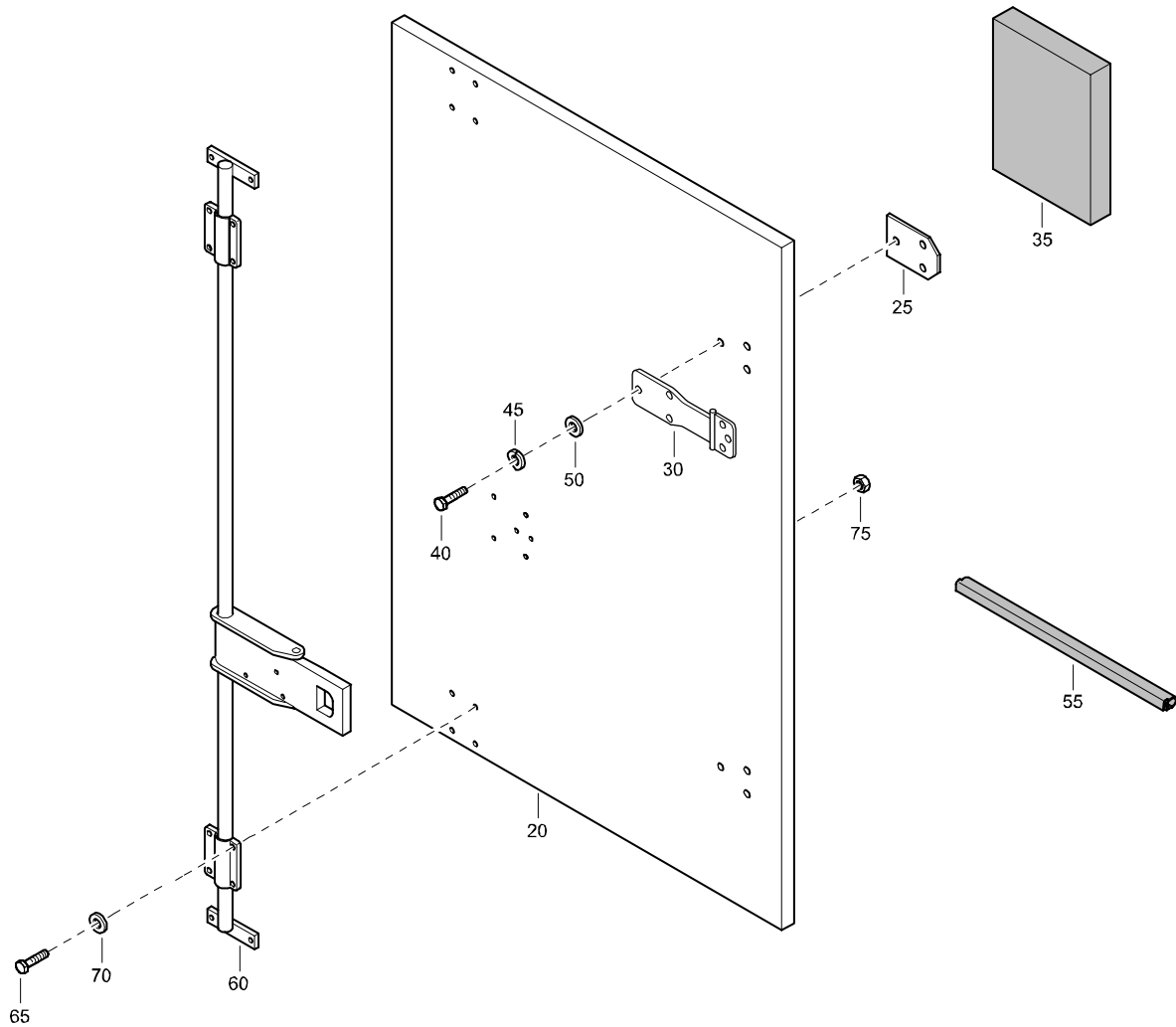
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4854 80	DOOR ASSEMBLY	(From page 52)				
•20	1604 4854 00	DOOR	1				
•25	1604 2856 00	BRACKET	4				
•30	1604 2859 00	HINGE	4				
•35	1604 4317 00	SEAL	AR				
•40	0147 1326 02	HEX. HEAD SCREW	12				
•45	0333 2174 37	SPRING WASHER	12				
•50	0301 2135 01	PLAIN WASHER	12				
•55	0147 1326 03	HEX. HEAD SCREW	54				
•60	0301 2335 00	PLAIN WASHER	54				
•65	1604 4851 00	BAFFLE	9				
•70	-	SILENCING FOAM (50 mm)	9				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

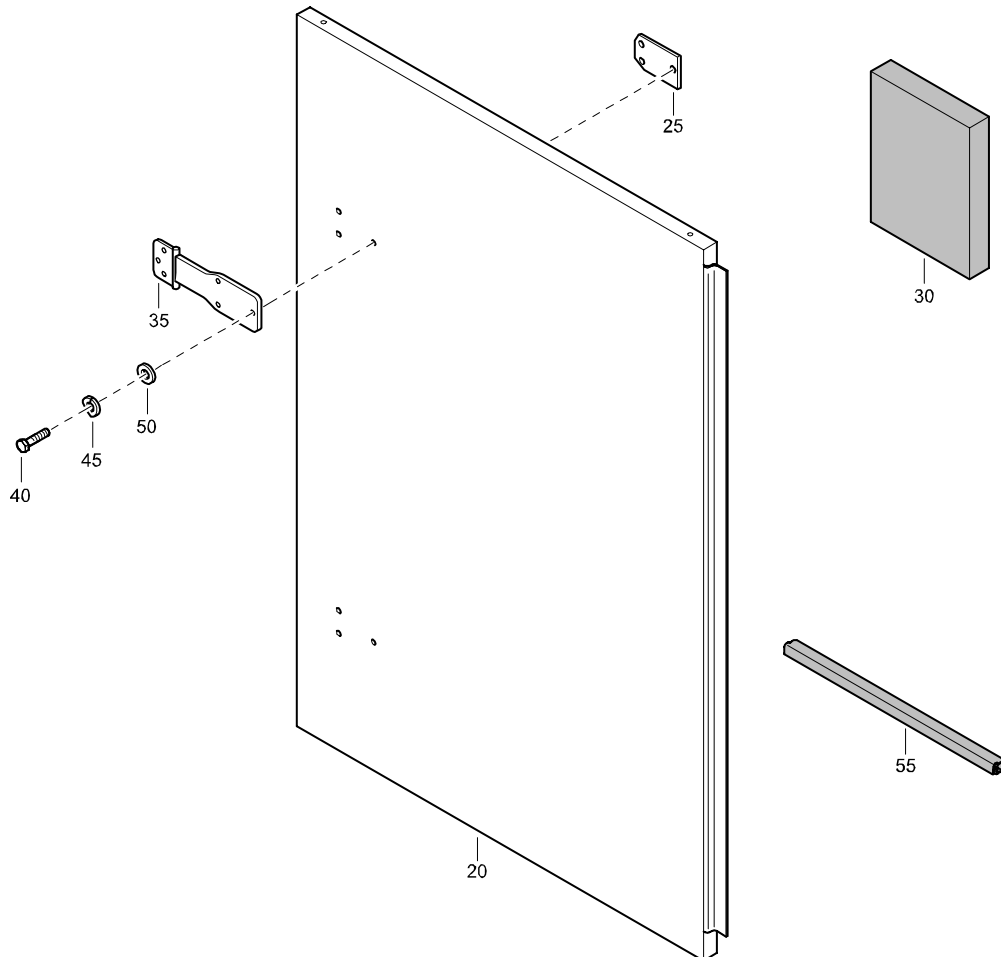
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4856 81	DOOR ASSEMBLY	(From page 52)				
•20	1604 4856 00	DOOR	1				
•25	1604 2867 00	BRACKET	2				
•30	1604 2870 00	HINGE	2				
•35	1604 6103 00	INSULATION	2				
•40	0147 1326 02	HEX. HEAD SCREW	6				
•45	0333 2174 37	SPRING WASHER	6				
•50	0301 2135 01	PLAIN WASHER	6				
•55	1604 4317 00	SEAL	AR				
•60	1604 2877 00	LOCK	1				
•65	0147 1326 02	HEX. HEAD SCREW	12				
•70	0301 2135 01	PLAIN WASHER	24				
•75	0266 1110 02	HEXAGON NUT	12				

STANDARD

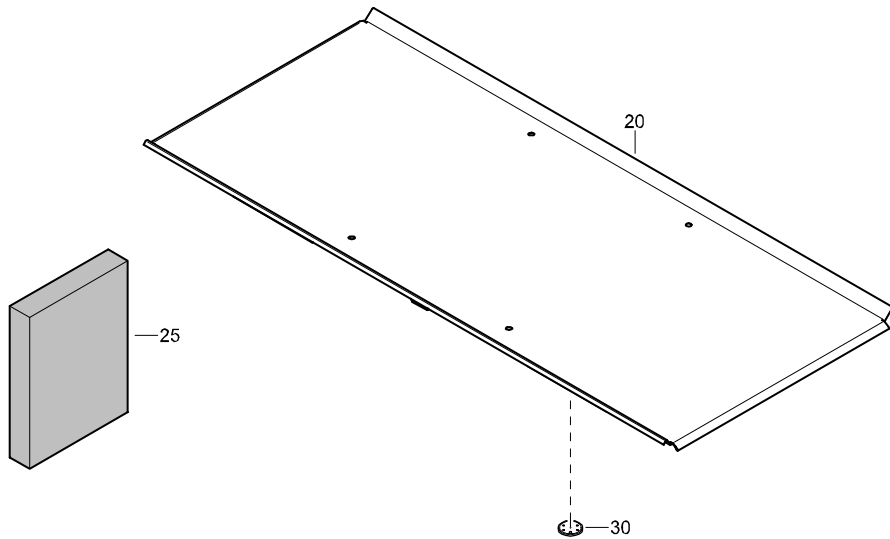
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4857 81	DOOR ASSEMBLY	(From page 52)				
•20	1604 4857 00	DOOR	1				
•25	1604 2867 00	BRACKET	2				
•30	1604 6103 00	INSULATION	2				
•35	1604 2870 00	HINGE	2				
•40	0147 1326 02	HEX. HEAD SCREW	6				
•45	0333 2174 37	SPRING WASHER	6				
•50	0301 2135 01	PLAIN WASHER	6				
•55	1604 4317 00	SEAL	AR				

STANDARD

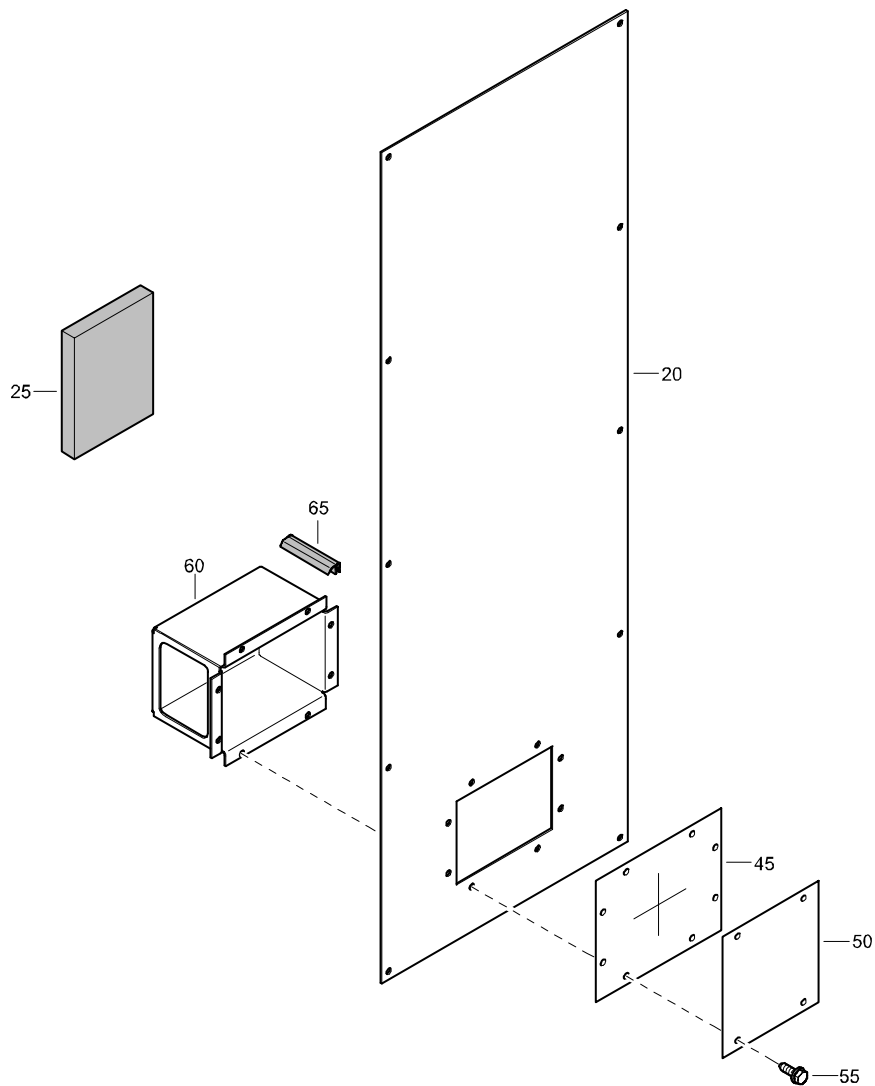
ROOF ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4882 80	ROOF ASSEMBLY	(From page 55)				
•20	1604 4882 00	ROOF (INLET)	1				
•25	-	SILENCING FOAM (50 mm)	2				
•30	1615 7884 00	CLIP	8				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

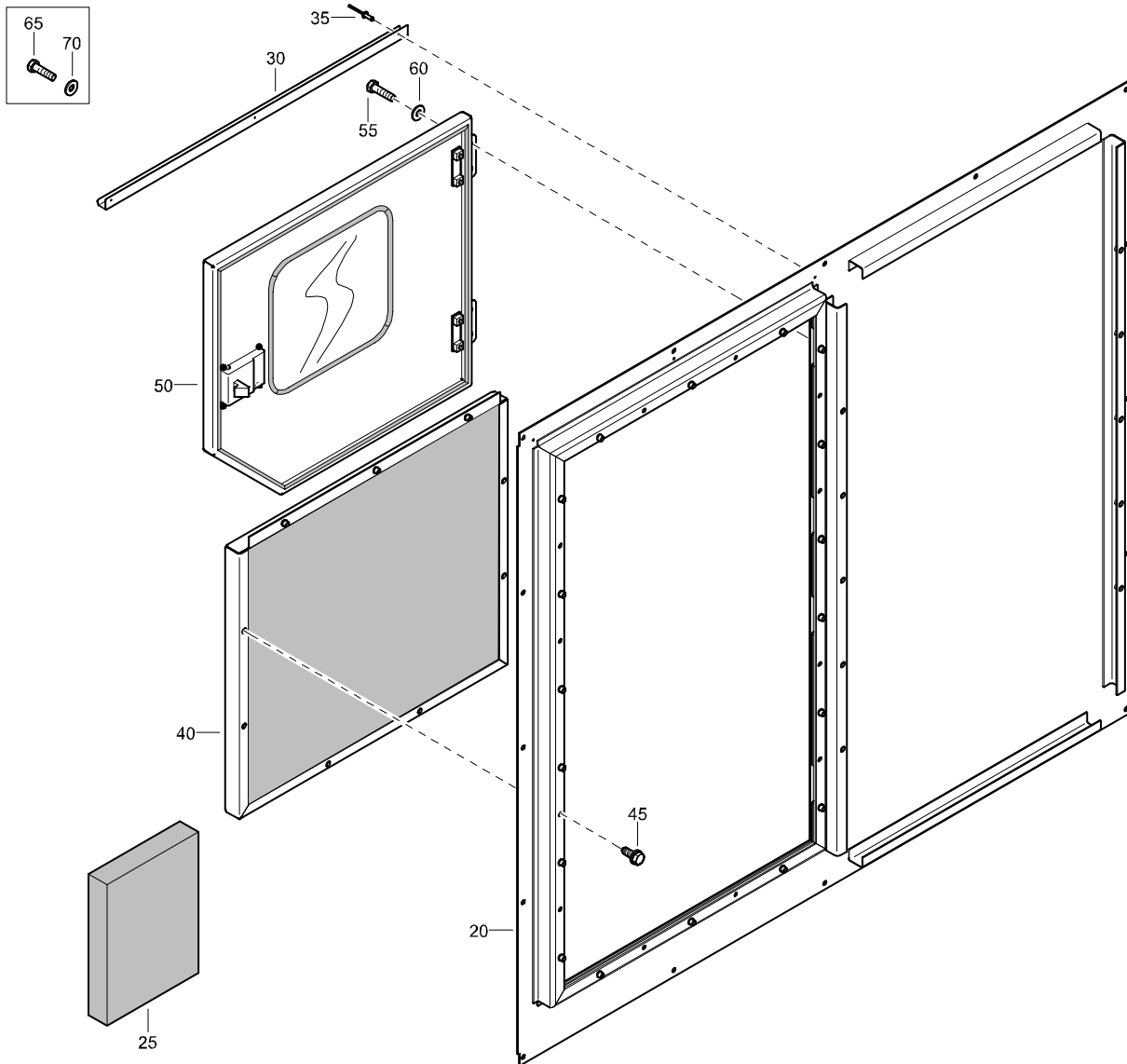
PANEL ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 5488 80	PANEL ASSEMBLY (From page 52)					
•20	1604 5488 00	PANEL	1				
•25	-	SILENCING FOAM (50 mm)	1				
•45	1604 5627 00	RUBBER FLAP	1				
•50	1604 5738 00	PLATE	1				
•55	1619 2766 00	HEX. HEAD SCREW	6				
•60	1604 5626 00	BOX	1				
•65	1604 4318 00	SEAL	AR				
-	1079 0003 33	SILENCING FOAM 2000 mm x 1500 mm x 50 mm					

STANDARD

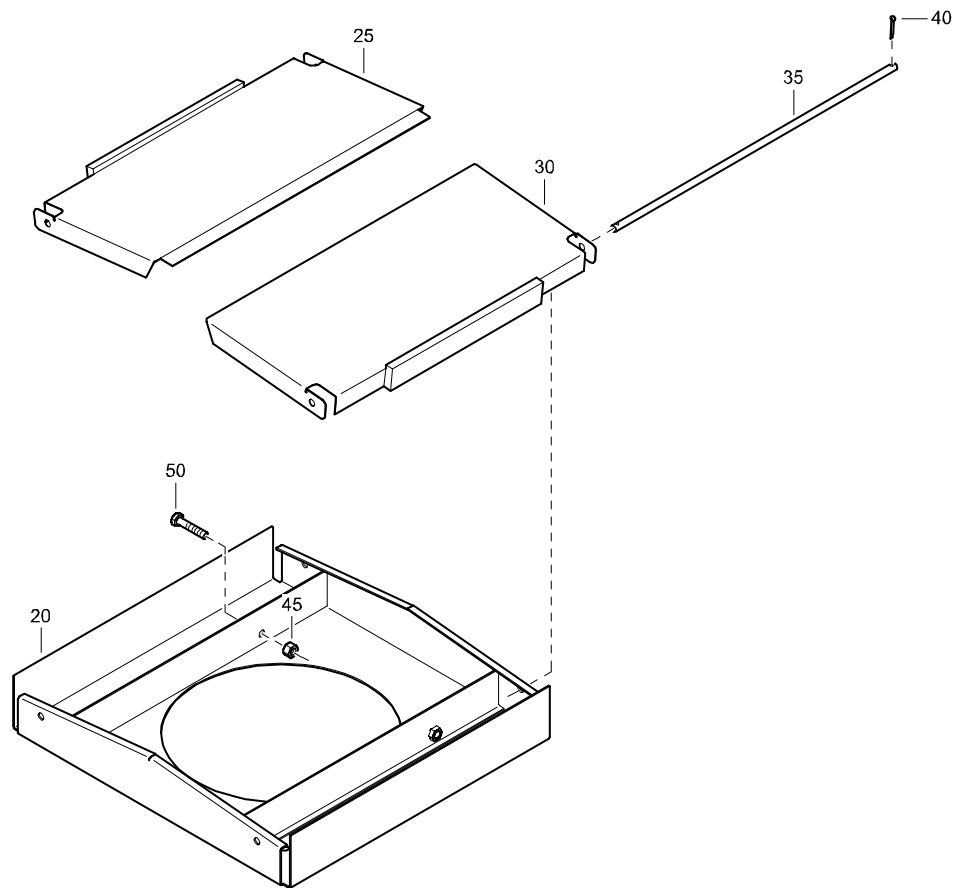
PANEL



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 5501 82	PANEL	(From page 52)				
•20	1604 5501 02	PANEL	1				
•25	-	SILENCING FOAM (50 mm)	1				
•30	1604 5504 00	COVER	1				
•35	0129 3115 00	BLIND RIVET	3				
•40	1604 6106 81	PANEL	1				
		(For details see page 79)					
•45	1619 2766 00	HEX. HEAD SREW	6				
•50	1604 5496 80	DOOR ASSY	1				
		(For details see page 78)					
•55	0147 1326 02	HEX. HEAD SCREW	4				
•60	0301 2135 01	PLAIN WASHER	4				
•65	0147 1326 02	HEX. HEAD SCREW	4				
•70	0301 2135 01	PLAIN WASHER	4				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

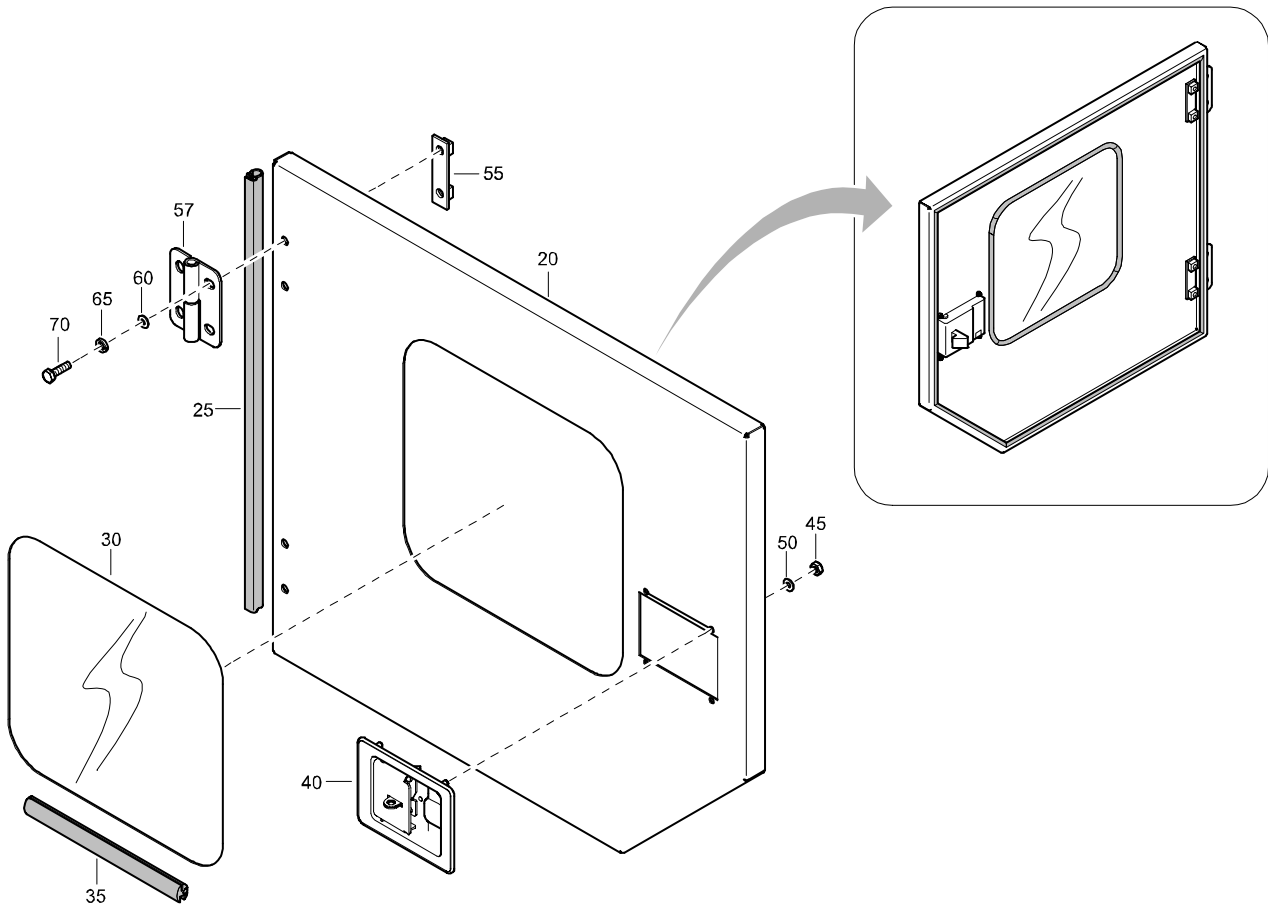
PLATE



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 3111 83	PLATE	(From page 60)				
•20	1604 3111 01	PLATE	1				
•25	1604 3112 03	PLATE	1				
•30	1604 3113 03	PLATE	1				
•35	1604 3141 02	PIVOT	2				
•40	0111 1279 01	SPLIT PIN	4				
•45	0266 1110 02	HEXAGON NUT	4				
•50	0147 1328 13	HEX. BOLT	2				

STANDARD

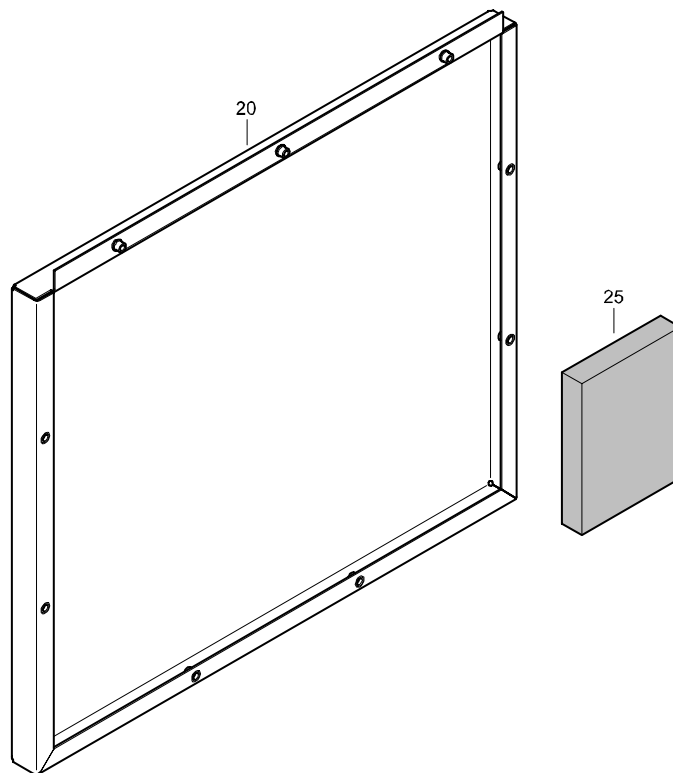
DOOR ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 5496 80	DOOR ASSEMBLY	(From page 76)				
•20	1604 5496 00	DOOR	1				
•25	1604 4317 00	SEAL	AR				
•30	1604 5497 00	WINDOW	1				
•35	1604 4541 00	SEAL					
•40	1604 6197 00	HANDLE	1				
•45	0291 1108 00	LOCKNUT	4				
•50	0301 2321 00	PLAIN WASHER	4				
•55	1604 4579 00	HINGE	2				
•57	1615 5684 00	BRACKET	2				
•60	0301 2135 01	PLAIN WASHER	4				
•65	0333 2174 37	SPRING WASHER	4				
•70	0147 1326 02	HEX. HEAD SCREW	4				

STANDARD

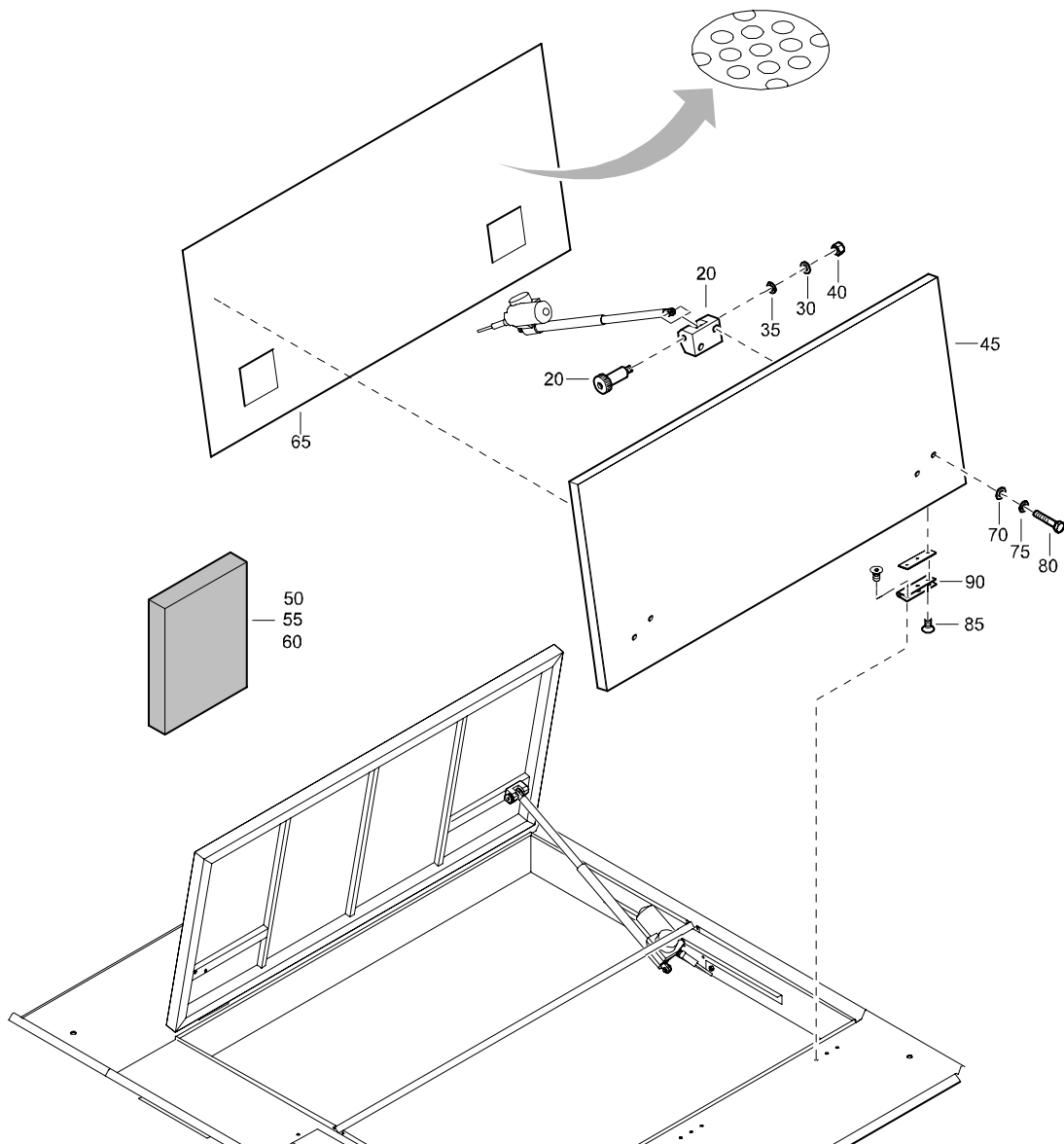
PANEL



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 6106 81	PANEL	(From page 76)				
•20	1604 6106 01	PANEL	1				
•25	1604 6126 00	INSULATION	1				

STANDARD

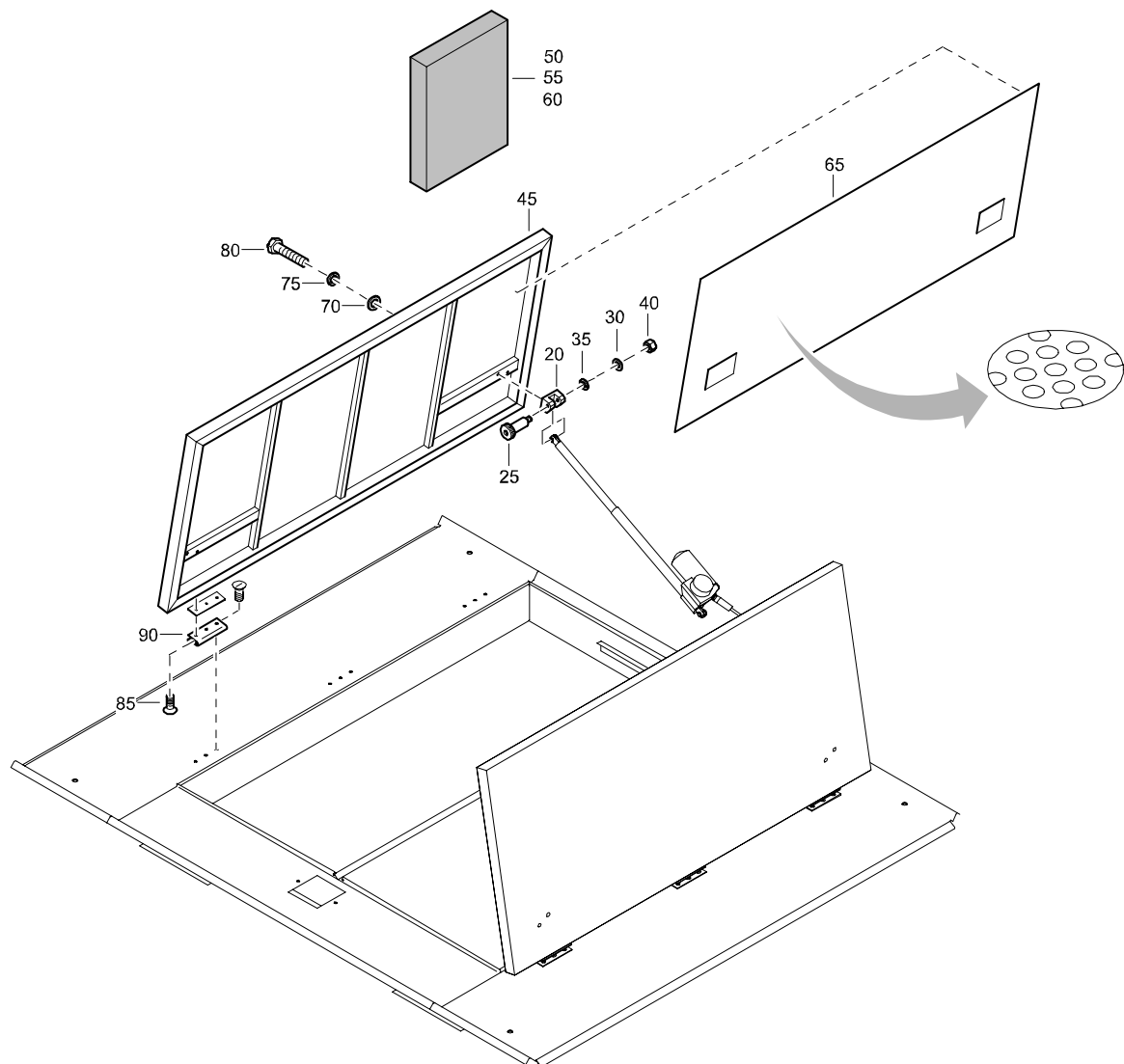
ROOF ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4387 90	ROOF ASSEMBLY	(From page 62)				
•20	1604 4385 00	BRACKET	1				
•25	0223 4000 30	SHOULDER SCREW	1				
•30	0300 0274 49	PLAIN WASHER	1				
•35	0333 2174 37	SPRING WASHER	1				
•40	0266 2110 00	HEXAGON NUT	1				
•45	1604 4387 01	ROOF PANEL	1				
•50	-	SILENCING FOAM (50 mm)	2				
•55	-	SILENCING FOAM (50 mm)	2				
•60	-	SILENCING FOAM (50 mm)	2				
•65	1604 4870 00	PERFORATED PLATE	1				
•70	0300 0274 49	PLAIN WASHER	2				
•75	0333 2174 37	SPRING WASHER	2				
•80	0147 1328 13	HEX. BOLT	2				
•85	0216 1320 00	HEX. SOCKET SCREW	9				
•90	1604 4867 00	HINGE	3				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					

STANDARD

ROOF ASSEMBLY



REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
-	1604 4387 80	ROOF ASSEMBLY	(From page 62)				
•20	1604 4385 00	BRACKET	1				
•25	0223 4000 30	SHOULDER SCREW	1				
•30	0300 0274 49	PLAIN WASHER	1				
•35	0333 2174 37	SPRING WASHER	1				
•40	0266 2110 00	HEXAGON NUT	1				
•45	1604 4387 01	ROOF PANEL	1				
•50	-	SILENCING FOAM (50 mm)	2				
•55	-	SILENCING FOAM (50 mm)	2				
•60	-	SILENCING FOAM (50 mm)	2				
•65	1604 4870 00	PERFORATED PLATE	1				
•70	0300 0274 49	PLAIN WASHER	2				
•75	0333 2174 37	SPRING WASHER	2				
•80	0147 1328 13	HEX. BOLT	2				
•85	0216 1320 00	HEX. SOCKET SCREW	9				
•90	1604 4867 00	HINGE	3				
-	1079 0003 33	SILENCING FOAM					
		2000 mm x 1500 mm x 50 mm					
