

Parts List
for Portable Generators
English

QAS 45 Kd

ENGINE V3600T

QAS 45 Kd

Engine V3600T

Parts Index	5
Warranty and Liability	7
Ordering Spare Parts	8
Safety Precautions for Portable Generators	9
Parts Lists	13

PARTS INDEX

PART	PAGE	PART	PAGE	PART	PAGE
A		CONTROLLER	26	FUEL SYSTEM	21
ADAPTER.....	22	COOLER.....	23	FUEL TANK	21
ADAPTER PIPE THREADED	21	COOLING SYSTEM	23	FUELCAP	21
AIR FILTER	18	CORNER ASSEMBLY	24, 36, 38, 39, 40	FUSE	26
AIR INLET	18	CORNER PANEL	36, 38, 39, 40	FUSE HOLDER	26
AIR INLET BAFFLE ASSEMBLY	24, 45	COVER BATTERY CABLE	20		
ALTERNATOR	34	CUBICLE	26, 47	G	
ALTERNATOR ASSEMBLY	34	CUBICLE ASSEMBLY	26, 27	GAUGE AIR CLEANER	18
AMMETER	26	CUBICLE DOOR ASSEMBLY	24, 37		
		CURRENT TRANSFORMER.....	26	H	
B				HANDGRIP	26
BALL VALVE	22	D		HANDLE	37, 41, 46
BARRIER TERMINAL BLOCK.....	26	DOCUMENT HOLDER.....	24	HEX PLUG	22, 35
BATTERY	20,30, 32	DOOR	41, 46	HINGE	36, 37, 38, 39, 40, 41, 46
BATTERY BOX.....	30, 32	DOOR ASSEMBLY	24, 41, 46	HINGE DOOR CUBICLE.....	47
BATTERY CABLE	20	DOOR CUBICLE	37	HOSE	21, 23,30, 32
BATTERY CLAMP.....	20	DOOR LEXAN	26	HOSE ASSEMBLY ENGINE OIL DRAIN.....	22
BATTERY SWITCH.....	30, 32	DRAINS	22	HOSE CLAMP	18, 21, 22, 23
BRACKET	24, 36, 37, 38, 39, 40, 41, 42, 43, 46			HOSE FUEL LINE	21
BRACKET AIR FILTER	18	E		HUMP HOSE	18
BRACKET BATTERY MOUNT	20	ELECTRICAL SYSTEM.....	20	HYD BRAKE TUBE	30, 32
BRACKET CB SUPPORT	47	EMERGENCY STOP	26	HYD ACTUATOR	30, 32
BRACKET FUEL TANK.....	21	ENGINE	16		
BRACKET INLET PIPE SUPPORT	18	ENGINE COOLANT	14	I	
BRACKET TERMINAL BOARD.....	47	ENGINE OIL	15	INLET PIPE	18
BUFFER	17	EXHAUST CLAMP	19	INSERT THD.....	24
BUSBAR LINESIDE	26	EXHAUST PIPE	19	INSULATOR TERMINAL	20
BUSBAR NEUTRAL	26	EXHAUST SYSTEM	19	ISOLATOR	26
BUSHING	21				
C		F		J	
CABLE GLAND	26	FAN	23	JACK STAND	30, 32
CABLE TY	20	FAN BOX.....	23		
CANOPY SET.....	24, 25	FAN GUARD	23	K	
CIRCUIT BREAKER	26	FILTER	21	KEY	24
CLAMP	35	FITTING	26	KEY DOOR LOCK	24
CLAMP EXHAUST PIPE	18,	FLANGE	35		
CLIP	24	FOOT ENGINE.....	17		
CONDUIT	26	FRAME	35		
CONTACT AUXILAIKY.....	26	FRAME AND MOUNTS.....	17		
CONTACT BLOCK	26	FRAME ASSEMBLY	24, 35		
CONTACTOR	26	FRONT PANEL ALTERNATOR BOX	34		

PARTS INDEX

PART	PAGE	PART	PAGE	PART	PAGE
L		RUBBER ELBOW	18	VOLTMETER	26
LABEL	28, 26, 34, 39, 40, 44	RUBBER REDUCER	18		
LIFTING BEAM	24			W	
LIFTING BEAM LEG	24	S		WINDOW	37
LOCK	26, 24	SAFETY CHAIN	30, 32	WIRE HARNESS	20
		SELECTOR SWITCH.....	26, 34	WIRE SET.....	34
M		SENSOR FUEL LEVEL	21		
MAKER LIGHT AMBER.....	30, 32	SERVICE PAK	13		
MALE CONTACT	26	SERVICE PANEL ASSEMBLY	24, 44		
MALE INSERT	26	SHIELD.....	19		
MARKINGS	28, 29	SHUNT TRIP	26		
MUD FLAP	30, 32	SIDE PANEL ALTERNATOR BOX	34		
MUFFLER.....	19	SOCKET.....	26		
		SPACER	24		
P		SPITFIR REFLECTOR	30, 32		
PANEL.....	44	SUPPORT ALTERNATOR	17		
PANEL BAFFLE	45	SUPPORT FUEL TANK	21		
PANEL COOLER.....	23	SWITCH.....	26		
PIPE COUPLING.....	20			T	
PIPE EXHAUST INLET	19	TAIL LIGHT LH	30, 32		
PIPE EXHAUST OUTLET	19	TAIL LIGHT RH.....	30, 32		
PIPE LOWER COOLER	23	TEE HYD	30, 32		
PIPE UPPER RADIATOR	23	TEMPERATURE SENSOR.....	20		
PLATE	21, 24, 26, 35, 42	TEMPERATURE SWITCH	20		
PLATE CORNER ASSEMBLY	36	TERMINAL BLOCK	26		
PLATE CUBICLE BASE	47	TERMINAL BORAD	26		
PLATE LEXAN DOOR	47	TERMINAL END STOP.....	26		
PLUG	26	TIRE AND WHEEL ASSEMBLY	30, 32		
POTMETER	26	TOWING EYE	30, 32		
PRESSURE SENSOR	20	TRAY BATTERY	20		
PROTECTION	26	TUBE.....	22, 23		
		TUBE FUEL INLET/OUTLET	21		
R		TUBE FUEL RETURN	21		
RAIL DIN MOUNTING	26			U	
RAIN CAP.....	19			UNDER CARRIAGE.....	30, 32
REAR PANEL ALTERNATOR BOX	34				
RECEPTACLE	26	V			
RELAY	20, 26	VALVE	23		
RELAY BASE	26				
ROOF.....	42, 43				
ROOF ASSEMBLY	24, 42, 43				

INSTRUCTION MANUAL

Warranty and Liability Limitation

Use only authorized parts.

Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.

The manufacturer does not accept any liability for any damage arising for modifications, additions or conversions made without the manufacturer's approval in writing.

Copyright 2009, Atlas Copco Compressors LLC, RockHill, SC, USA.

Any unauthorized use or copying of the contents or any part thereof is prohibited.

This applies in particular to trademarks, model denominations, part numbers and drawings

Limitation de garantie et de responsabilité

Utiliser uniquement les pièces homologuées.

Tout dommage ou mauvais fonctionnement dû à l'utilisation de pièces non homologuées n'est pas couvert par la garantie ou la responsabilité des produits défectueux.

Le fabricant décline toute responsabilité en cas de dommage faisant suite à des modifications, des ajouts ou des conversions effectués sans l'accord écrit du fabricant.

Copyright 2009, Atlas Copco Compressors LLC, RockHill, SC, USA.

Toute utilisation ou copie du contenu, ou d'une partie de celui-ci, non autorisée est interdite.

Cette interdiction s'applique en particulier aux marques de commerce, aux dénominations des modèles, aux numéros des pièces et aux schémas.

Limitación de garantía y responsabilidad

Use sólo piezas autorizadas.

La garantía o responsabilidad del producto no cubre ningún daño o funcionamiento defectuoso provocado por el uso de piezas no autorizadas.

El fabricante no acepta ninguna responsabilidad por los daños provocados por modificaciones, adiciones o conversiones realizadas sin la aprobación por escrito del fabricante.

Derechos de reproducción 2009, Atlas Copco Compressors LLC, RockHill, SC, USA.

Está prohibida toda utilización o reproducción total o parcial no autorizada de estos contenidos,

en especial de las marcas registradas, denominaciones de modelos, números de piezas y planos

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".

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.

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).

SAFETY PRECAUTIONS FOR PORTABLE GENERATORS

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

0.1 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.

0.2 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.

0.3 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.

0.4 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.

0.5 SAFETY DURING MAINTENANCE AND REPAIR

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

- 1 Use only the correct tools for maintenance and repair work, and only tools which are in good condition.
- 2 Parts shall only be replaced by genuine Atlas Copco replacement parts.
- 3 All maintenance work, other than routine attention, shall only be undertaken when the unit is stopped. Steps shall be taken to prevent inadvertent starting. In addition, a warning sign bearing a legend such as "work in progress; do not start" shall be attached to the starting equipment.
On engine-driven units the battery shall be disconnected and removed or the terminals covered by insulating caps.
On electrically driven units the main switch shall be locked in open position and the fuses shall be taken out. A warning sign bearing a legend such as "work in progress; do not supply voltage" shall be attached to the fuse box or main switch.
- 4 Prior to stripping an engine or other machine or undertaking major overhaul on it, prevent all movable parts from rolling over or moving.
- 5 Make sure that no tools, loose parts or rags are left in or on the machine. Never leave rags or loose clothing near the engine air intake.
- 6 Never use flammable solvents for cleaning (fire-risk).
- 7 Take safety precautions against toxic vapours of cleaning liquids.
- 8 Never use machine parts as a climbing aid.
- 9 Observe scrupulous cleanliness during maintenance and repair. Keep away dirt, cover the parts and exposed openings with a clean cloth, paper or tape.
- 10 Never weld on or perform any operation involving heat near the fuel or oil systems. Fuel and oil tanks must be completely purged, e.g. by steam-cleaning, before carrying out such operations. Never weld on, or in any way modify, pressure vessels. Disconnect the alternator cables during arc welding on the unit.
- 11 Support the towbar and the axle(s) securely if working underneath the unit or when removing a wheel. Do not rely on jacks.
- 12 Do not remove any of, or tamper with, the sound-damping material. Keep the material free of dirt and liquids such as fuel, oil and cleansing

agents. If any sound-damping material is damaged, replace it to prevent the sound pressure level from increasing.

- 13 Use only lubricating oils and greases recommended or approved by Atlas Copco or the machine manufacturer. Ascertain that the selected lubricants comply with all applicable safety regulations, especially with regard to explosion or fire-risk and the possibility of decomposition or generation of hazardous gases. Never mix synthetic with mineral oil.
- 14 Protect the engine, alternator, air intake filter, electrical and regulating components, etc., to prevent moisture ingress, e.g. when steam-cleaning.
- 15 When performing any operation involving heat, flames or sparks on a machine, the surrounding components shall first be screened with non-flammable material.
- 16 Never use a light source with open flame for inspecting the interior of a machine.
- 17 When repair has been completed, the machine shall be barred over at least one revolution for reciprocating machines, several revolutions for rotary ones to ensure that there is no mechanical interference within the machine or driver. Check the direction of rotation of electric motors when starting up the machine initially and after any alteration to the electrical connection(s) or switch gear, to check that the oil pump and the fan function properly.
- 18 Maintenance and repair work should be recorded in an operator's logbook for all machinery. Frequency and nature of repairs can reveal unsafe conditions.
- 19 When hot parts have to be handled, e.g. shrink fitting, special heat-resistant gloves shall be used and, if required, other body protection shall be applied.
- 20 When using cartridge type breathing filter equipment, ascertain that the correct type of cartridge is used and that its useful service life is not surpassed.
- 21 Make sure that oil, solvents and other substances likely to pollute the environment are properly disposed of.
- 22 Before clearing the generator for use after maintenance or overhaul, submit it to a testrun, check that the AC power performance is correct and that the control and shutdown devices function correctly.

0.6 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.

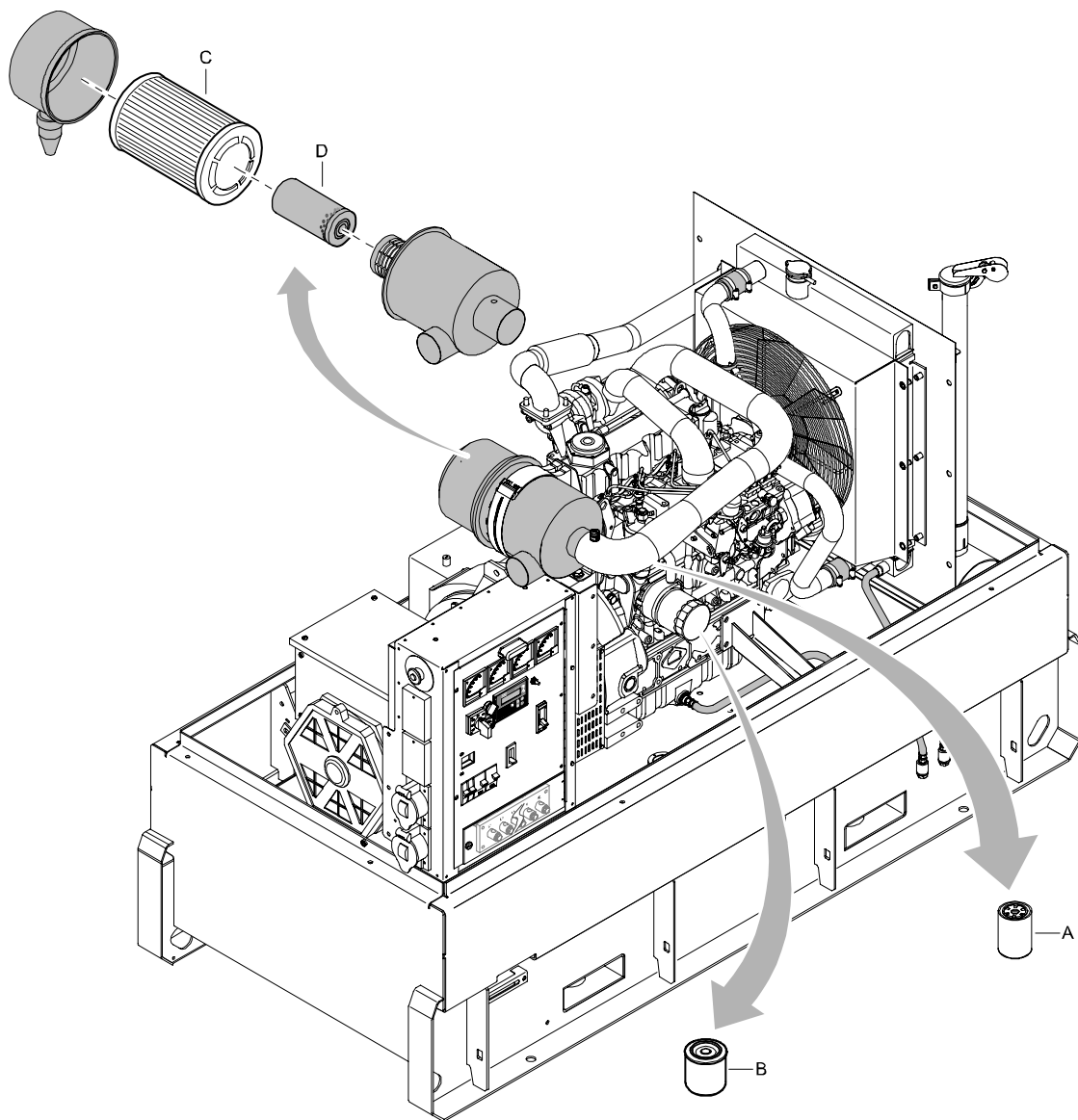
0.7 SPECIFIC SAFETY PRECAUTIONS

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.

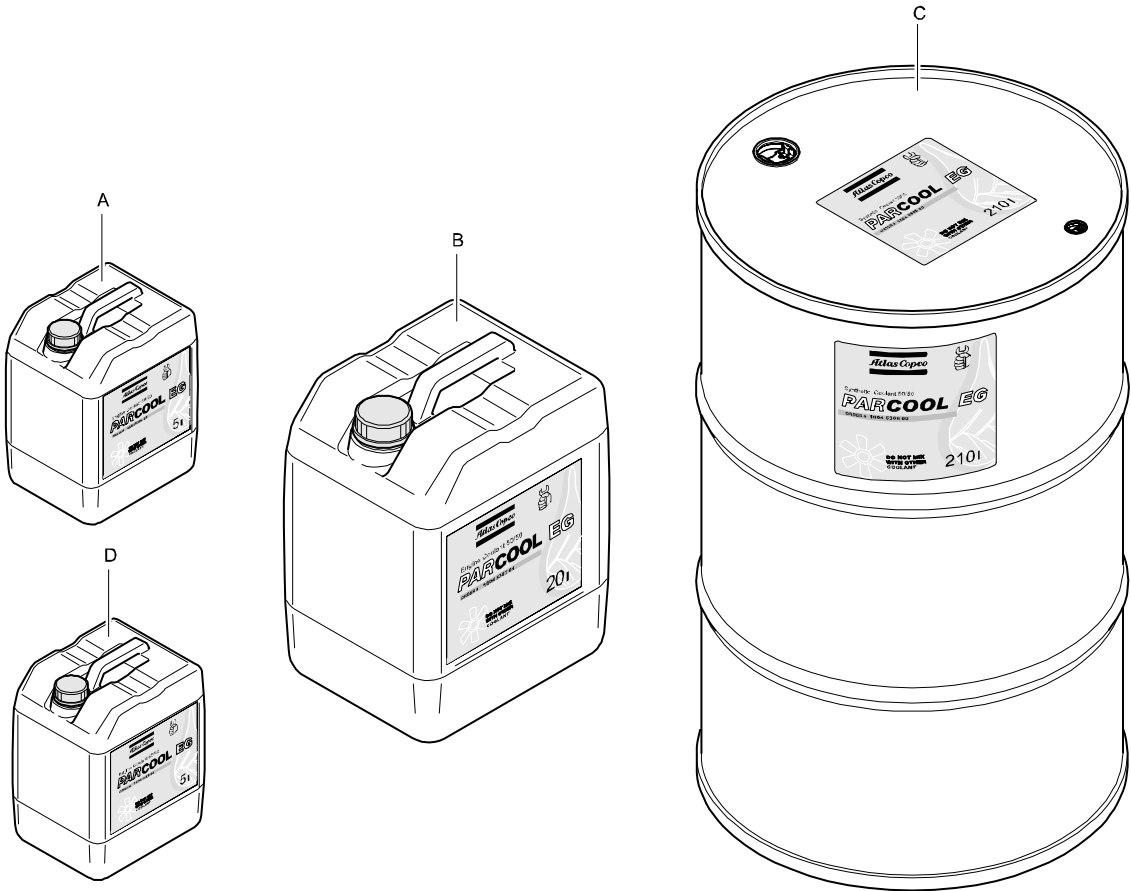
SERVICE PAK



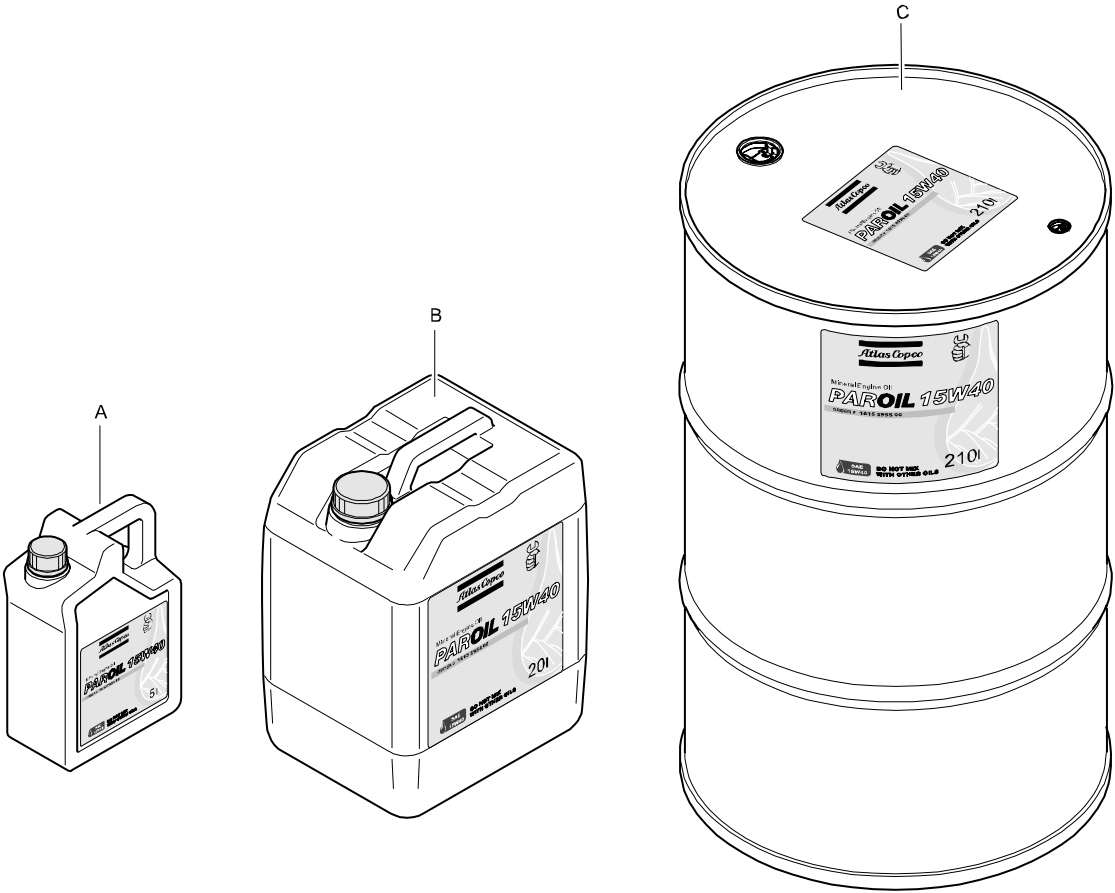
REF	PART NUMBER	DESIGNATION	QTY
-	1310 3126 41	SERVICE PAK 500 HR	
•A	-	FUEL FILTER	1
•B	-	OIL FILTER KUBOTA	1
•C	-	ELEMENT AIR CLEANER	1
-	1310 3126 42	SERVICE PAK 1000 HR	
•A	-	FUEL FILTER	1
•B	-	OIL FILTER KUBOTA	1
•C	-	ELEMENT AIR CLEANER	1
•D	-	AIR CLEANER SAFETY CARTRIDGE	1

ENGINE COOLANT - PARCOOL EG

REF	PART NUMBER	DESIGNATION	QTY
A	1604 5308 00	1.3 - GALLON (5 LITER) CONTAINER	1
B	1604 5307 01	5.3 - GALLON (20 LITER) PAIL	1
C	1604 5306 00	55 GALLON (209 LITER) DRUM	1
D	1604 8159 00	CONCENTRATE 5 LITER CAN	1



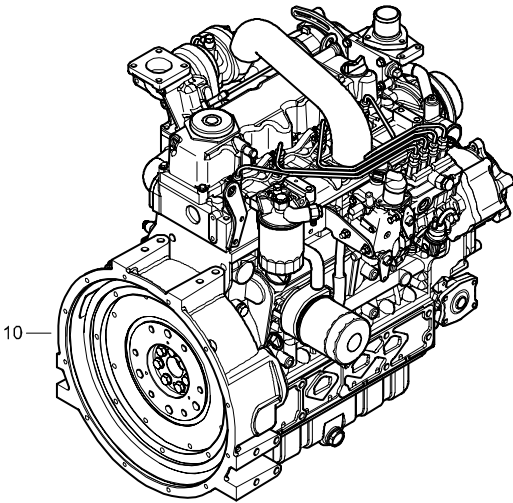
ENGINE OIL - PAROIL 15W40



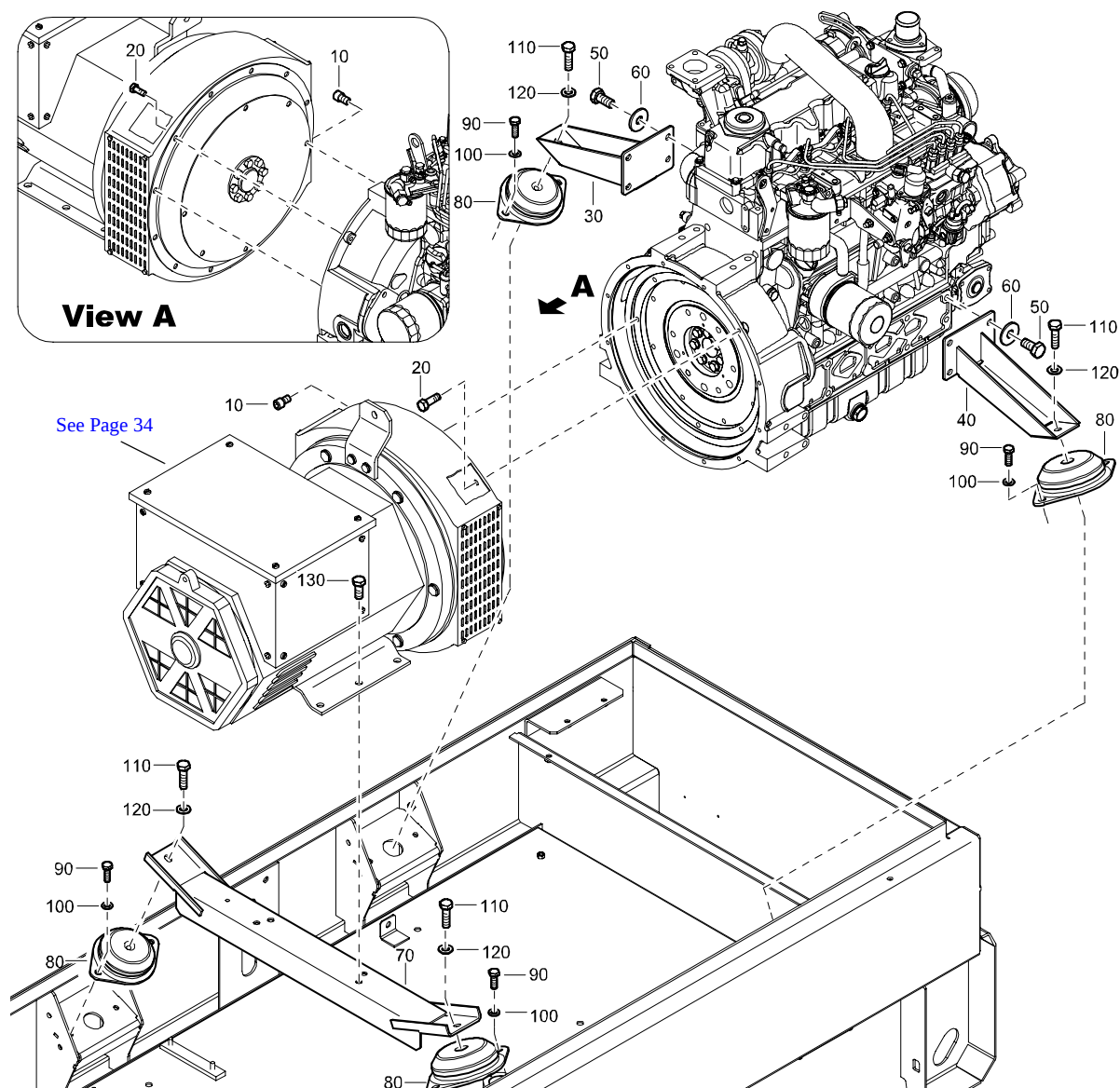
REF	PART NUMBER	DESIGNATION	QTY
A	1615 5953 00	1.3 - GALLON (5 LITER) CONTAINER	1
B	1615 5954 00	5.2 - GALLON (20 LITER) PAIL	1
C	1615 5955 00	55 GALLON (209 LITER) DRUM	1

ENGINE - STANDARD

REF	PART NUMBER	DESIGNATION	QTY
10	1310 0306 21	ENGINE	1



FRAME AND MOUNTS - STANDARD



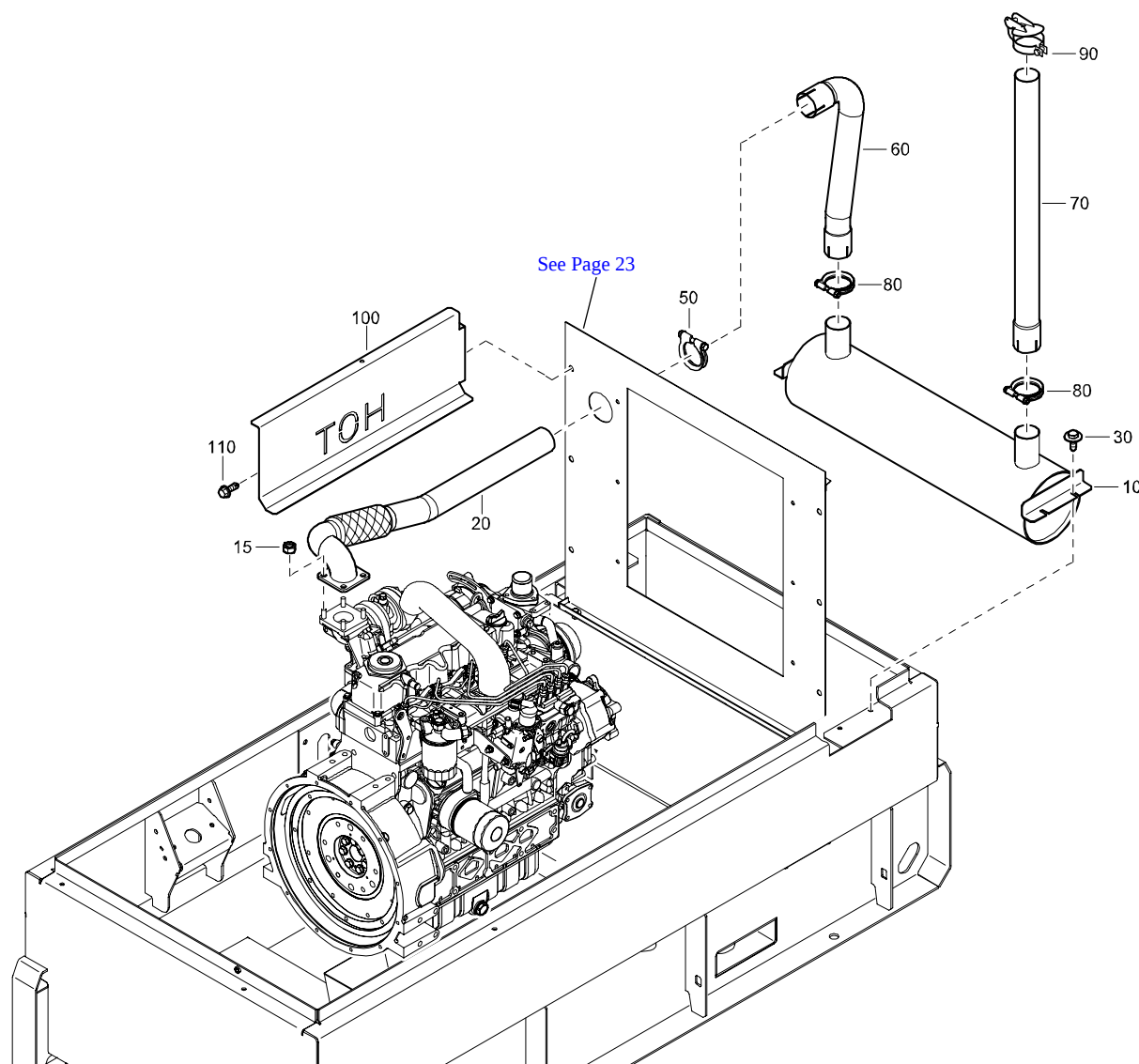
REF	PART NUMBER	DESIGNATION	QTY
10	0211 5162 04	SOC HEAD CAP SCREW	8
20	0144 3287 03	HEX HEAD SCREW	12
30	1310 4668 00	FOOT ENGINE RIGHT	1
40	1310 4669 00	FOOT ENGINE LEFT	1
50	0147 1959 50	HEX HEAD SCREW	8
60	0302 1274 02	FLAT WASHER	8
70	1310 4622 00	SUPPORT ALTERNATOR	1
80	1619 5506 02	BUFFER	4
90	0147 1323 15	HEX HEAD SCREW	8
100	0301 2335 00	FLAT WASHER	8
110	0147 1363 03	HEX HEAD SCREW	4
120	0302 1274 01	FLAT WASHER	4
130	0147 1958 74	HEX HEAD SCREW	2

Atlas Copco



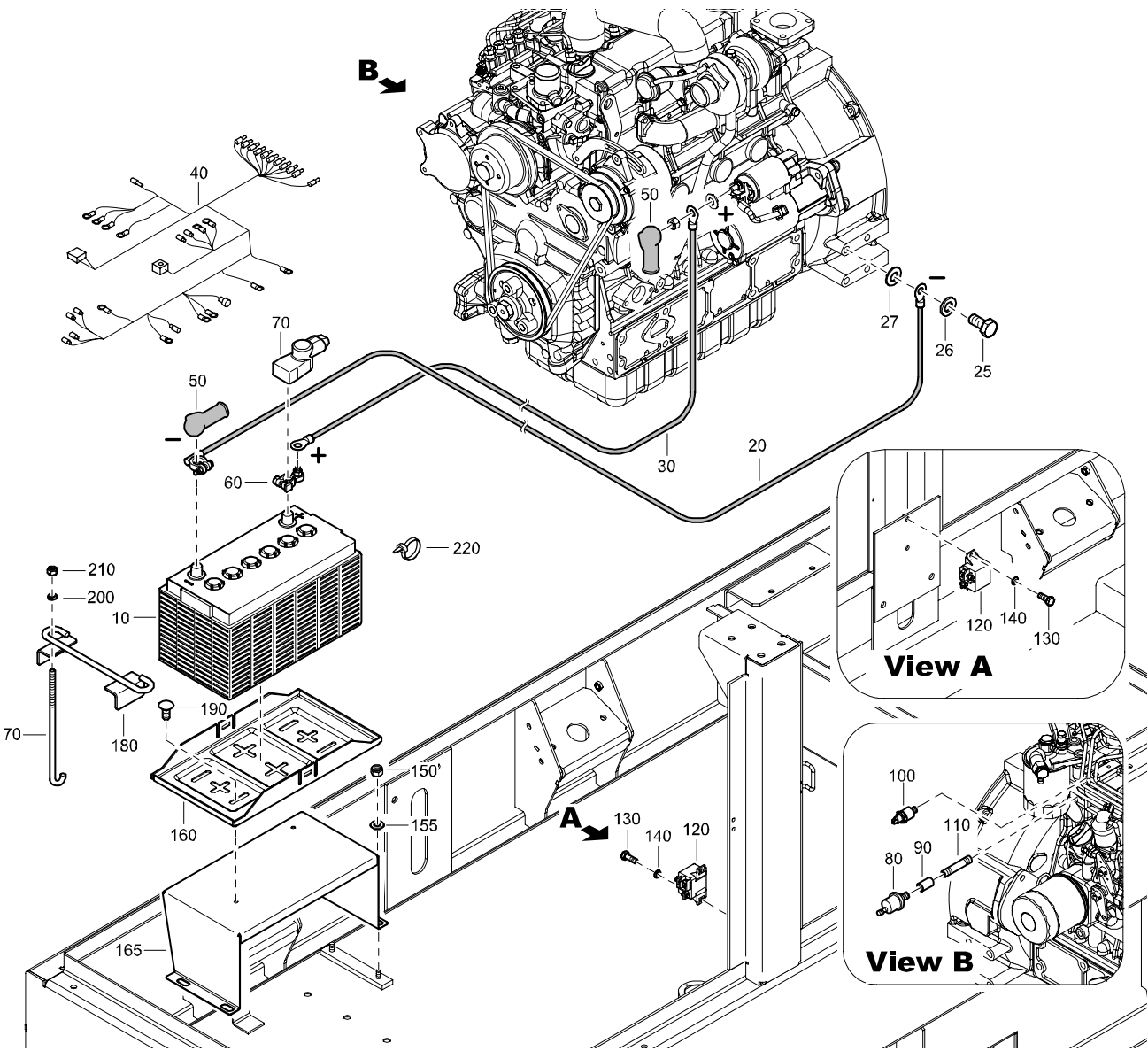
1310 3125 38/01

EXHAUST SYSTEM - STANDARD



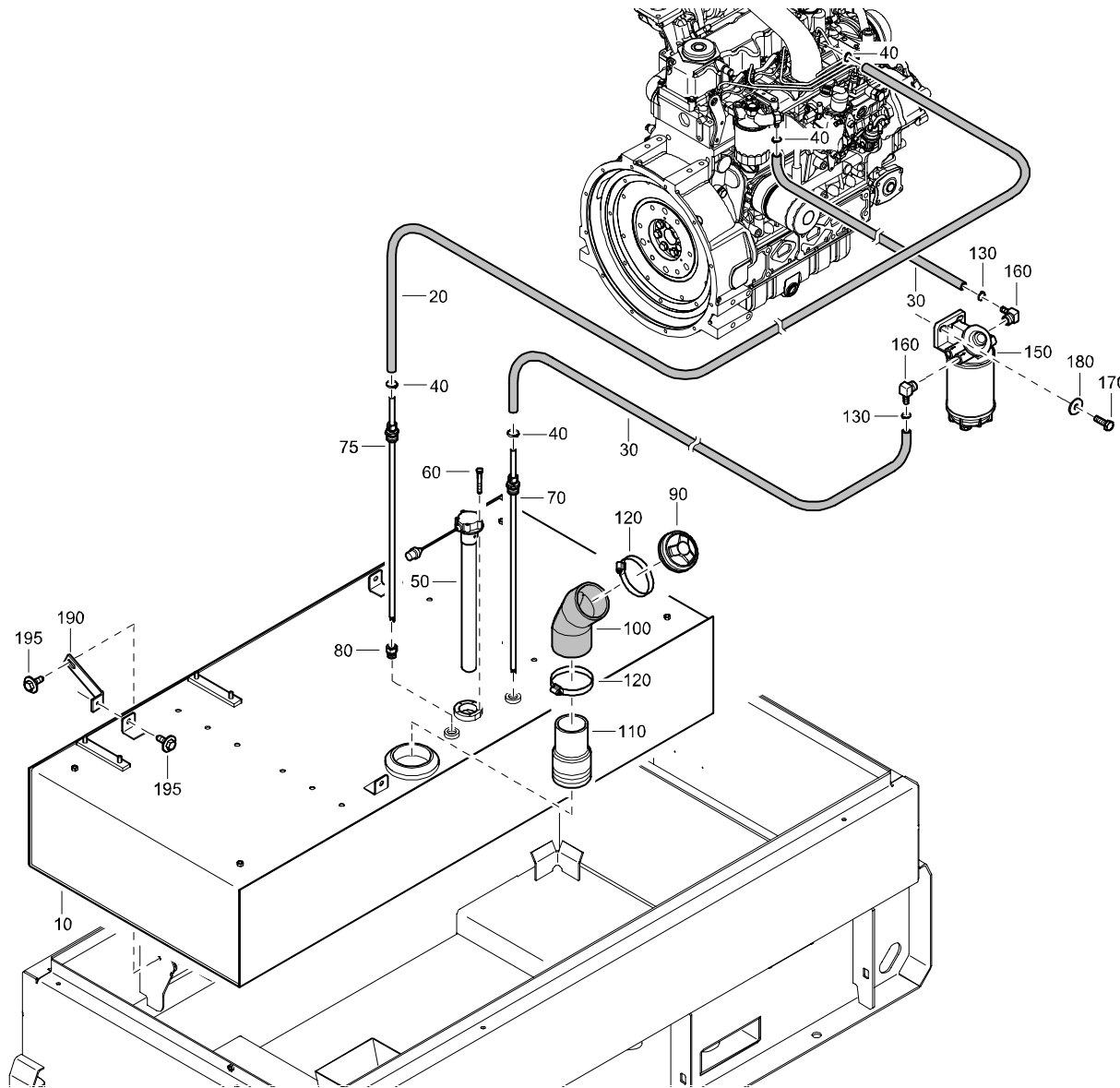
REF	PART NUMBER	DESIGNATION	QTY
10	1310 4662 00	MUFFLER	1
15	1310 0307 13	NUT	4
20	1626 2788 00	EXHAUST PIPE	1
30	1615 5664 00	SCRAPER BOLT	4
50	0346 3001 02	CLAMP	1
60	1310 4661 00	PIPE EXHAUST INLET	1
70	1310 4660 00	PIPE EXHAUST OUTLET	1
80	1310 1477 00	EXHAUST CLAMP	2
90	1310 4076 00	RAIN CAP	1
100	1310 4746 00	SHIELD	1
110	1619 2766 00	HEX HEAD TAPPING SCREW	2

ELECTRICAL SYSTEM - STANDARD



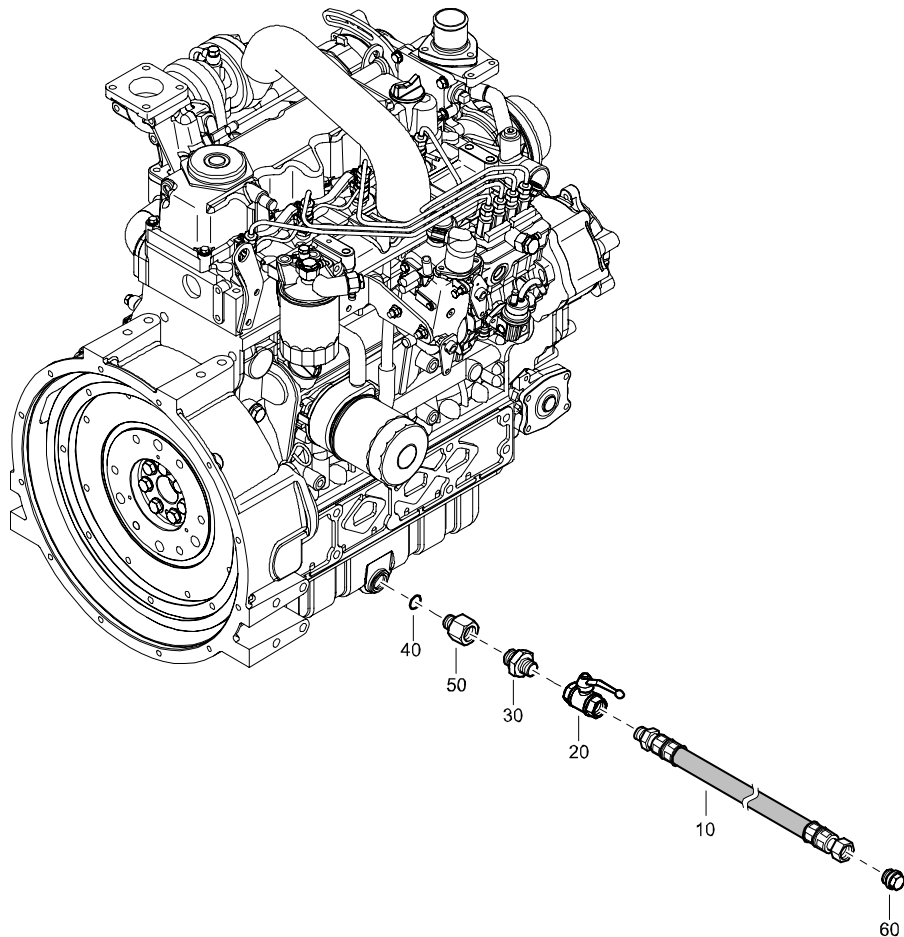
REF	PART NUMBER	DESIGNATION	QTY
10	1310 0310 89	BATTERY	1
20	1310 0333 25	BATTERY CABLE	1
25	0147 1400 03	HEX HEAD SCREW	1
26	0301 2358 00	FLAT WASHER	1
27	1088 0019 03	CONTACT WASHER	1
30	1310 4098 00	BATTERY CABLE	1
40	1310 4667 00	WIRE HARNESS	1
50	1310 0363 91	INSULATOR TERMINAL	2
60	1604 5043 00	CLAMP	1
70	1604 7216 00	COVER BATTERY CABLE	1
80	1089 0565 13	PRESSURE SENSOR	1
90	1310 2523 56	PIPE COUPLING	1
100	1089 0567 03	TEMPERATURE SENSOR	1
110	1310 0364 46	NIPPLE	1
120	1310 0304 71	RELAY	1
130	0147 1246 03	HEX HEAD SCREW	2
140	0301 2321 00	FLAT WASHER	2
150	0291 1110 00	LOCKNUT	4
155	0301 2335 00	WASHER	1
160	1310 0311 65	TRAY BATTERY	1
165	1310 4736 00	BRACKET BATTERY MOUNT	2
170	1310 0311 67	BOLT-J	1
180	1310 0311 66	BATTERY CLAMP	2
190	9710 5899 01	BOLT-CARRIAGE	2
200	0333 2225 00	SPRING WASHER	2
210	0268 3205 00	HEX NUT	2
220	1088 1301 02	CABLE TY	15

FUEL SYSTEM - STANDARD



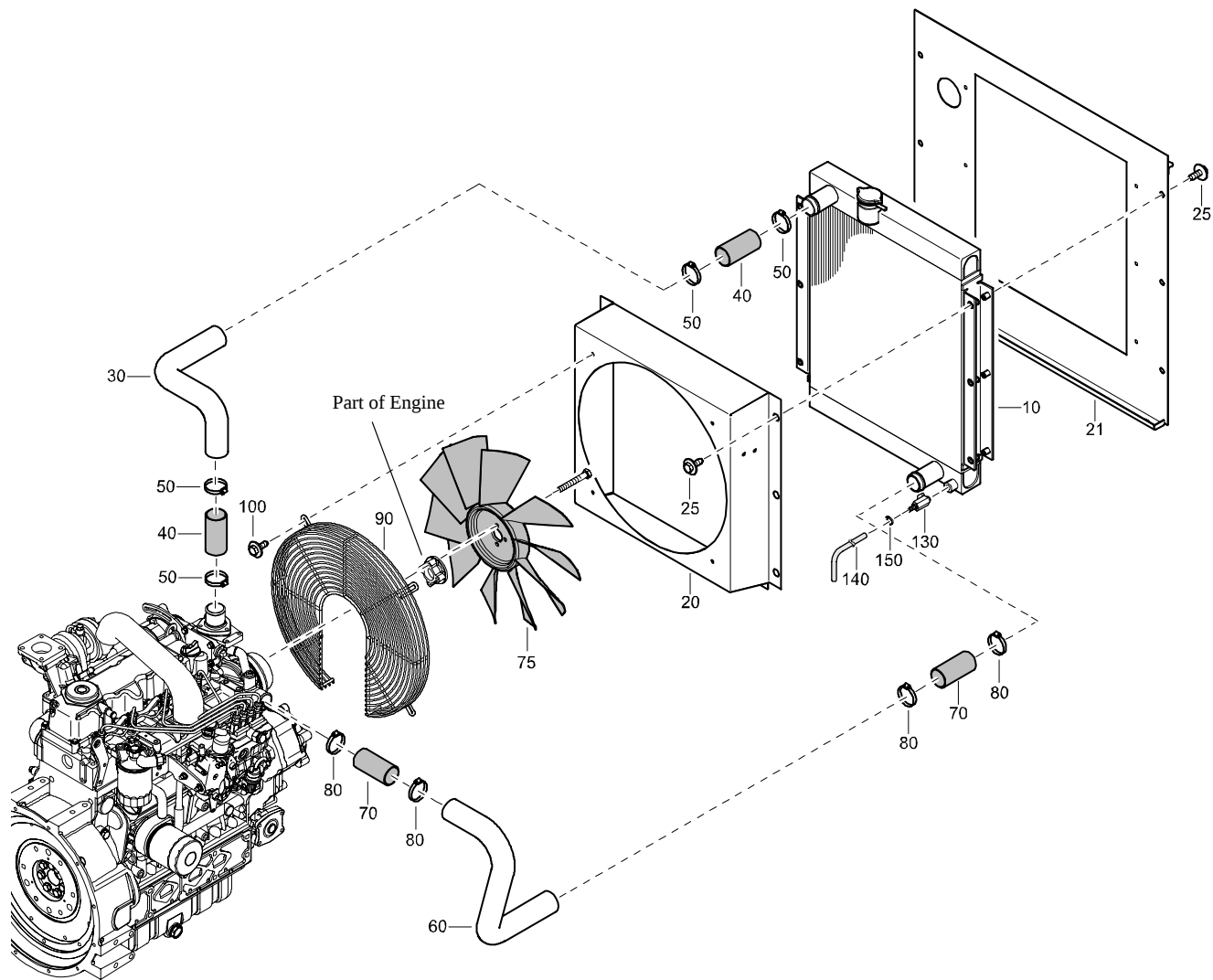
REF	PART NUMBER	DESIGNATION	QTY
10	1310 4623 00	FUEL TANK	1
20	1310 0311 97	HOSE	AR
30	1310 0311 98	HOSE	AR
40	1310 0323 84	HOSE CLAMP	4
50	1089 0659 09	SENSOR FUEL LEVEL	1
60	0147 1212 03	HEX HEAD SCREW	5
70	1310 4526 00	TUBE FUEL INLET/OUTLET	1
75	1310 4951 00	TUBE FUEL RETURN	1
80	1312 1003 25	BUSHING	1
90	1615 6947 01	FUEL CAP	1
100	1626 1866 01	HOSE	1
110	1310 0307 02	ADAPTER PIPE THREADED	1
120	0347 6131 00	HOSE CLAMP	2
130	1310 0323 84	HOSE CLAMP	2
150	1615 7397 00	FILTER	1
160	1615 8933 00	NIPPLE	2
170	0147 1327 03	HEX HEAD SCREW	2
180	0301 2335 00	FLAT WASHER	2
190	1310 4656 00	BRACKET FUEL TANK	4
195	1615 5664 00	SCRAPER BOLT	8

DRAINS - STANDARD



REF	PART NUMBER	DESIGNATION	QTY
10	1310 0353 82	HOSE ASSY ENGINE OIL DRAIN	1
20	VAL02131	BALL VALVE	1
30	0603 0118 14	NIPPLE	1
40	0663 3122 00	O RING	1
50	1310 0354 87	ADAPTER	1
60	1310 0355 25	HEX PLUG	1

COOLING SYSTEM - STANDARD



REF	PART NUMBER	DESIGNATION	QTY
10	1310 4674 00	COOLER	1
20	1310 4675 00	FANBOX	1
21	1310 4657 01	PANEL COOLER	1
25	1615 5664 00	SCRAPER BOLT	16
30	1310 4699 00	PIPE UPPER RADIATOR	1
40	1310 0301 03	HOSE	2
50	0347 6113 00	HOSE CLAMP	4
60	1310 4695 00	PIPE LOWER COOLER	1
70	1310 0301 03	HOSE	2
75	1310 4654 00	FAN	1
80	0347 6113 00	HOSE CLAMP	4
90	1310 4676 00	FAN GUARD	1
100	1615 5664 00	SCRAPER BOLT	4
130	1615 7072 00	VALVE	1
140	1310 0355 56	TUBE	AR
150	1310 0323 84	HOSE CLAMP	1

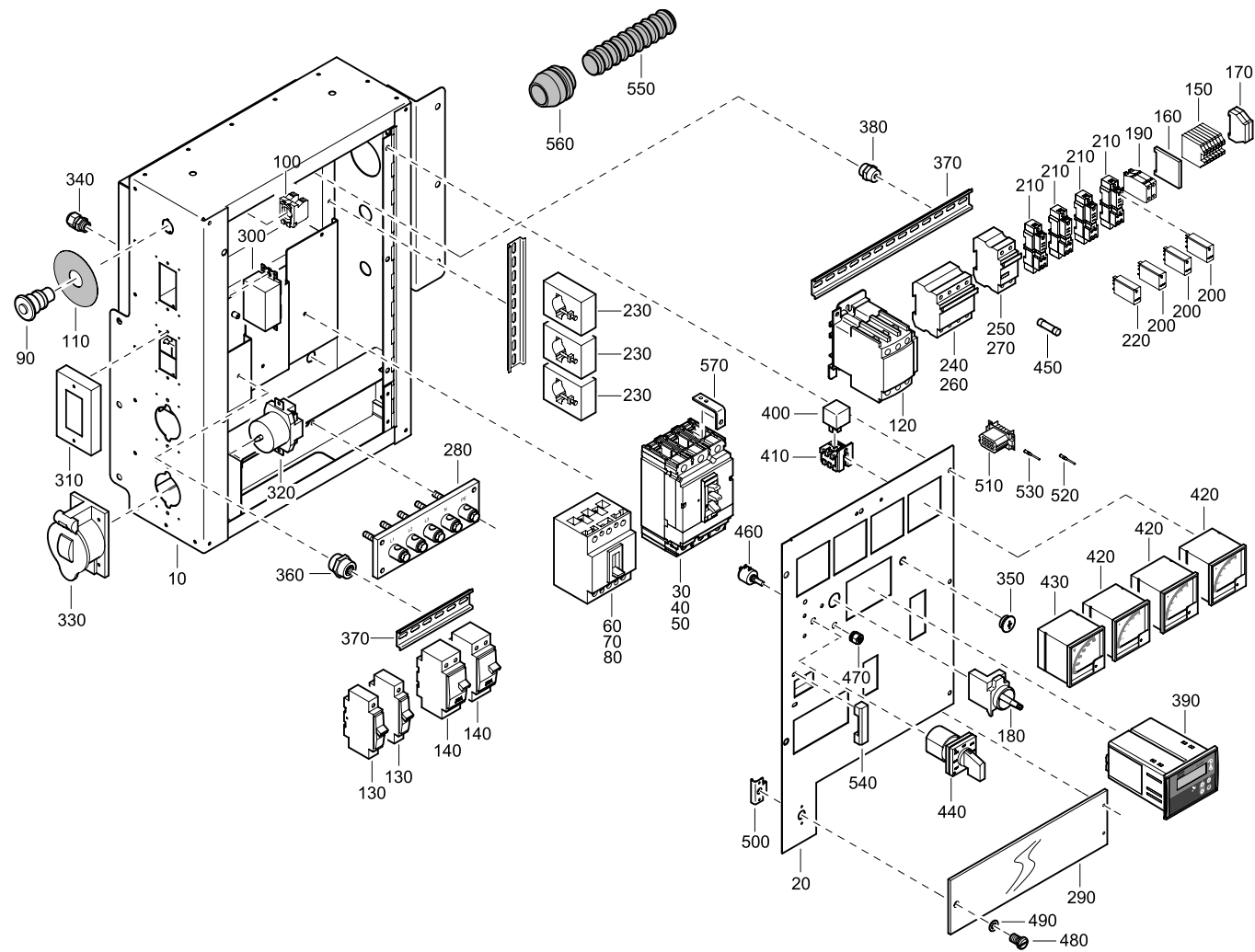
Atlas Copco



CANOPY SET - STANDARD

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
10	1310 4600 80	FRAME ASSY (For details see page 35)	1	330	1089 9068 01	KEY DOOR LOCK	1				
30	1310 4607 00	LIFTING BEAM	1	350	1310 4621 00	PLATE	1				
40	1310 4608 00	LIFTING BEAM LEG	2	360	0129 3270 30	BLIND RIVET	4				
50	1310 4610 80	CORNER ASSEMBLY (For details see page 36)	1								
60	1310 4612 80	CORNER ASSEMBLY (For details see page 38)	1								
70	1310 4613 80	CORNER ASSEMBLY (For details see page 39)	1								
80	1310 4614 80	CORNER ASSEMBLY (For details see page 40)	1								
90	1310 4615 80	DOOR ASSEMBLY (For details see page 41)	2								
100	1310 4631 80	DOOR ASSEMBLY (For details see page 46)	1								
110	1310 4611 80	DOOR ASSY CUBICLE (For details see page 37)	1								
120	1310 4616 80	FRONT ROOF ASSEMBLY (For details see page 42)	1								
130	1310 4617 80	REAR ROOF ASSEMBLY (For details see page 43)	1								
140	1310 4619 80	SERVICE PANEL ASSEMBLY (For details see page 44)	1								
150	1310 4620 80	AIR INLET BAFFLE ASSEMBLY (For details see page 45)	1								
160	0147 1362 15	HEX HEAD SCREW	8								
170	0301 2344 00	FLAT WASHER	8								
180	0147 1958 74	HEX HEAD SCREW	6								
190	0301 2344 00	FLAT WASHER	6								
200	1604 5031 00	BRACKET	3								
210	1310 4019 00	SPACER	3								
220	0215 0003 89	SCREW	6								
230	0291 1108 00	LOCKNUT	6								
240	1619 2766 00	HEX HEAD SCREW	32								
250	1079 3461 02	CLIP	1								
260	1310 0356 39	HOLDER DOCUMENT	1								
280	0144 3206 03	HEX HEAD SCREW	2								
290	0301 2327 00	FLAT WASHER	2								
300	1615 7271 00	KEY	2								
310	1088 1301 03	CABLE TY	10								
320	1612 1574 00	CLIP	1								

CUBICLE ASSEMBLY - STANDARD

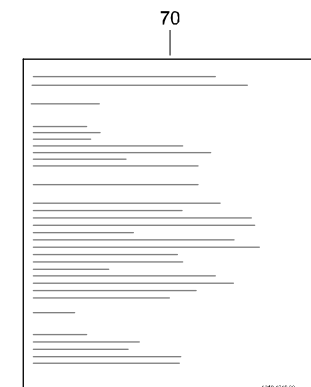
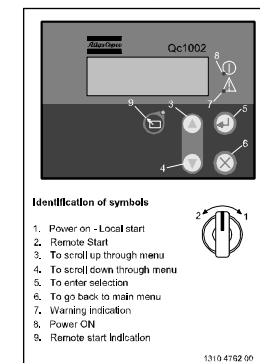
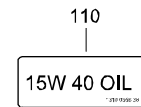
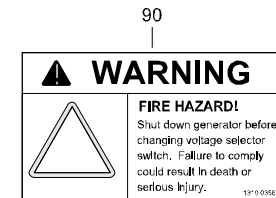
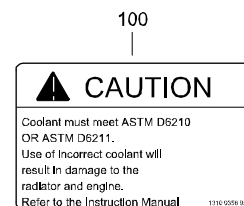
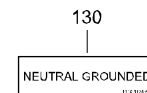
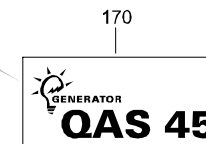
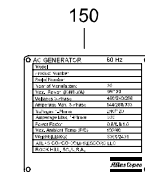
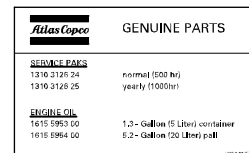
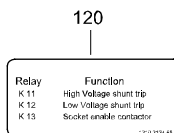
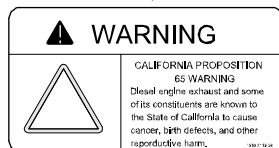
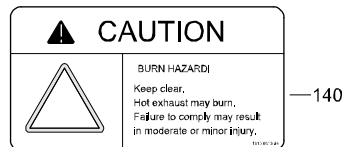


CUBICLE ASSEMBLY - STANDARD

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
10	1310 4663 00	CUBICLE (For details see page 47)	1	420	1089 9381 04	AMMETER	3				
20	1310 4664 00	DOOR CUBICLE	1	430	1089 9383 01	VOLTMETER	1				
30	1310 0307 24	CIRCUIT BREAKER	1	440	1089 9082 22	SWITCH	1				
40	1310 0306 45	SHUNT TRIP	1	450	1089 9423 01	FUSE	1				
50	1310 0306 44	AUXILIARY CONTACT	1	460	1089 9371 21	POTMETER	1				
60	1310 0307 27	CIRCUIT BREAKER	1	470	1089 9371 50	LOCK	1				
70	1310 0307 28	SHUNT TRIP	1	480	1615 7166 00	STUD	1				
80	1310 0307 29	AUXILIARY CONTACT	1	490	1615 6727 00	WASHER	1				
90	1310 0306 47	EMERGENCY STOP	1	500	1615 6728 00	PLATE	1				
100	1310 0306 48	CONTACT BLOCK	1	510	1088 0029 45	MALE INSERT	1				
110	1310 0306 49	LABEL EMERGENCY STOP	1	520	1088 0029 61	MALE CONTACT	8				
120	1310 0306 50	CONTACTOR	1	530	1088 0029 56	MALE CONTACT	2				
130	1310 0306 51	CIRCUIT BREAKER	2	540	1626 2526 00	HANDGRIP	1				
140	1310 0306 52	CIRCUIT BREAKER	2	550	1310 0307 40	CONDUIT	3				
150	1310 0306 53	TERMINAL BLOCK	7	560	1310 0307 41	FITTING	2				
160	1310 0306 54	BARRIER TERMINAL BLOCK	1	570	1310 0307 42	BUSBAR	3				
170	1310 0306 55	TERMINAL END STOP	2								
180	1310 0307 30	SELECTOR SWITCH	1								
190	1310 0307 31	CONTACT BLOCK	2								
200	1310 0307 32	RELAY	3								
210	1310 0307 33	RELAY BASE	4								
220	1310 0307 34	RELAY	1								
230	1310 0307 35	CURRENT TRANSFORMER	3								
240	1310 0306 58	FUSEHOLDER	1								
250	1310 0306 59	FUSEHOLDER	1								
260	1310 0306 58	FUSEHOLDER	2								
270	1310 0306 59	FUSEHOLDER	3								
280	1604 6174 00	TERMINAL BORAD	1								
290	1310 4663 37	DOOR LEXAN	1								
300	1089 9412 01	RECEPTACLE	2								
310	1089 9412 11	PROTECTION	2								
320	1089 9412 02	RECEPTACLE	2								
330	1089 9412 12	PROTECTION	2								
340	0698 5140 71	CABLE GLAND	1								
350	0697 9810 58	PLUG	1								
360	1310 0307 36	ISOLATOR	1								
370	0993 7106 00	RAIL DIN MOUNTING	AR								
380	1310 0306 61	ISOLATOR	2								
390	1604 9382 00	CONTROLLER QC1002	1								
400	1310 0307 37	RELAY	2								
410	1310 0307 38	SOCKET	2								

MARKINGS - STANDARD

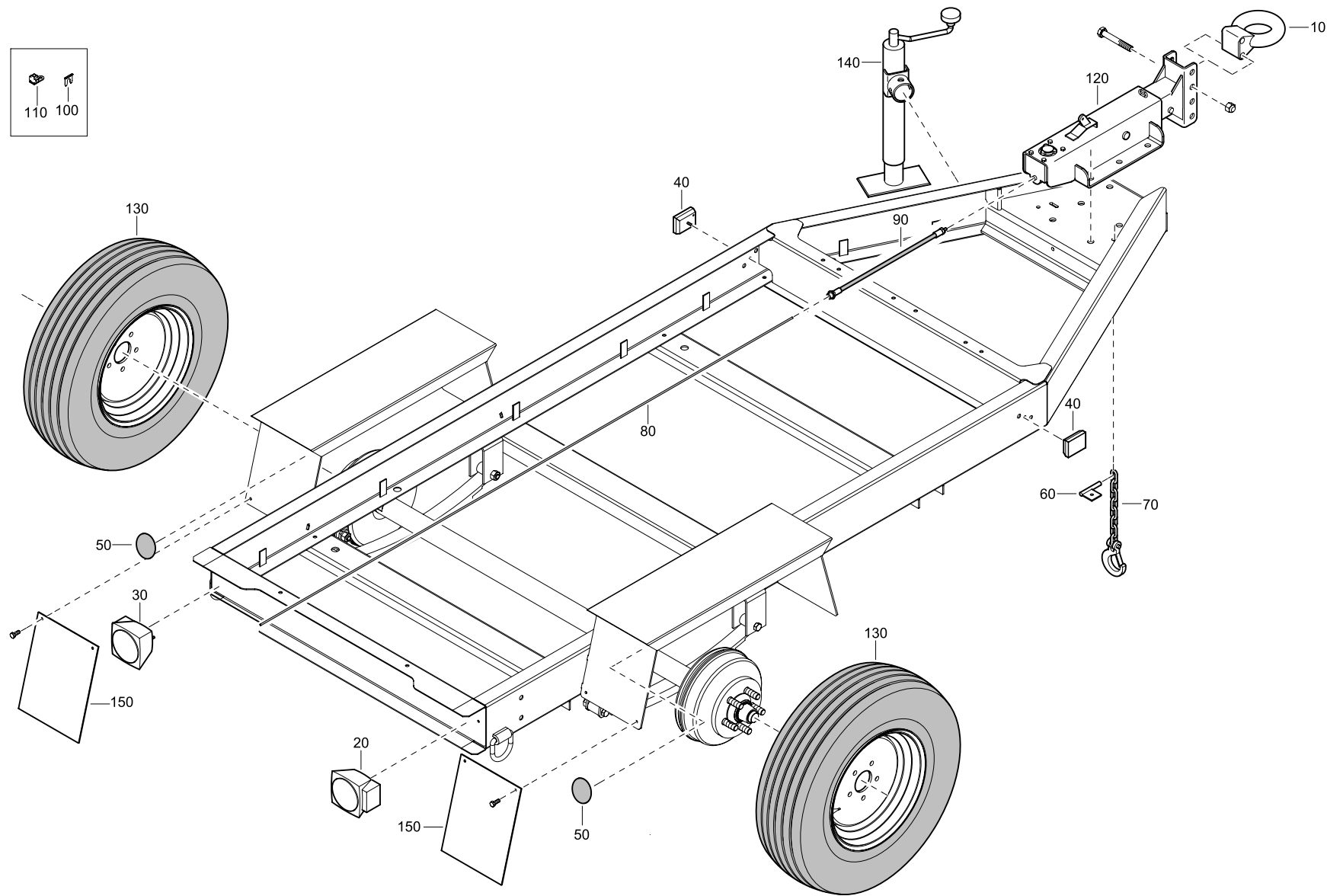
 DANGER HIGH VOLTAGE	SELECTOR SWITCH POSITION	MAIN PANEL CONNECTION	CONNECTION VOLTAGE	RAUL AMP
	277/480	277V 3-Ø WYE 480V 3-Ø Δ	277 V/500 V 480 V/500 V	58 58
	120/208	120V 3-Ø WYE 208V 3-Ø Δ	120 V/208 V 208 V/208 V	70 70
	150/240	150V 3-Ø WYE 240V 3-Ø Δ	150 V/240 V 240 V/240 V	120 120
	240/415	240V 3-Ø WYE 415V 3-Ø Δ	240 V/415 V 415 V/415 V	52 52
	240/440	240V 3-Ø WYE 440V 3-Ø Δ	240 V/440 V 440 V/440 V	60 60
	240/480	240V 3-Ø WYE 480V 3-Ø Δ	240 V/480 V 480 V/480 V	70 70



MARKINGS - STANDARD

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
20	1310 4762 00	LABEL QC1002 OPERATING	1								
30	1310 4763 00	LABEL SERVICE PAKS	1								
50	1310 0353 72	LABEL WARNING	2								
60	1310 3112 36	LABEL CALIFORNIA EMISSIONS	1								
70	1310 4946 00	LABEL OPERATING INSTRUCTION	1								
80	1310 4766 00	LABEL HIGH VOLTAGE	1								
90	1310 0356 37	LABEL WARNING ALTERNATOR	1								
100	1310 0356 95	LABEL	1								
110	1310 0356 38	LABEL OIL FILL TYPE	1								
120	1310 3124 68	LABEL	1								
130	1310 3124 67	LABEL NEUTRAL GROUNDED	1								
140	1310 0313 24	LABEL CAUTION HOT EXHAUST	1								
150	1310 4748 00	DATAPLATE	1								
160	1310 0361 69	BLIND RIVET	4								
170	1310 4666 00	LABEL MODEL DESIGNATION	1								

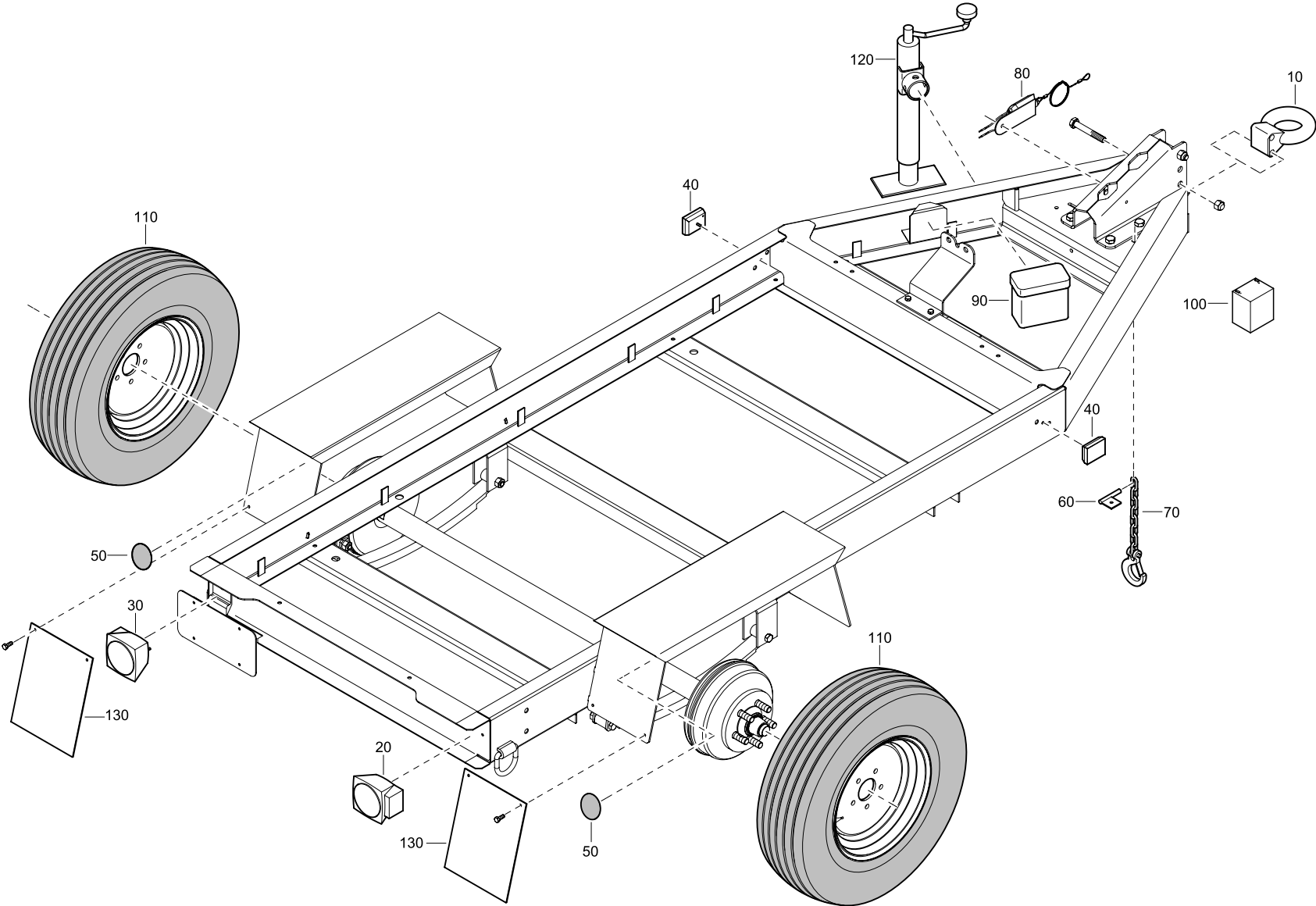
UNDER CARRIAGE HYDRLIC BREAK SYSTEM - STANDARD



UNDER CARRIAGE HYDRIC BREAK SYSTEM - STANDARD

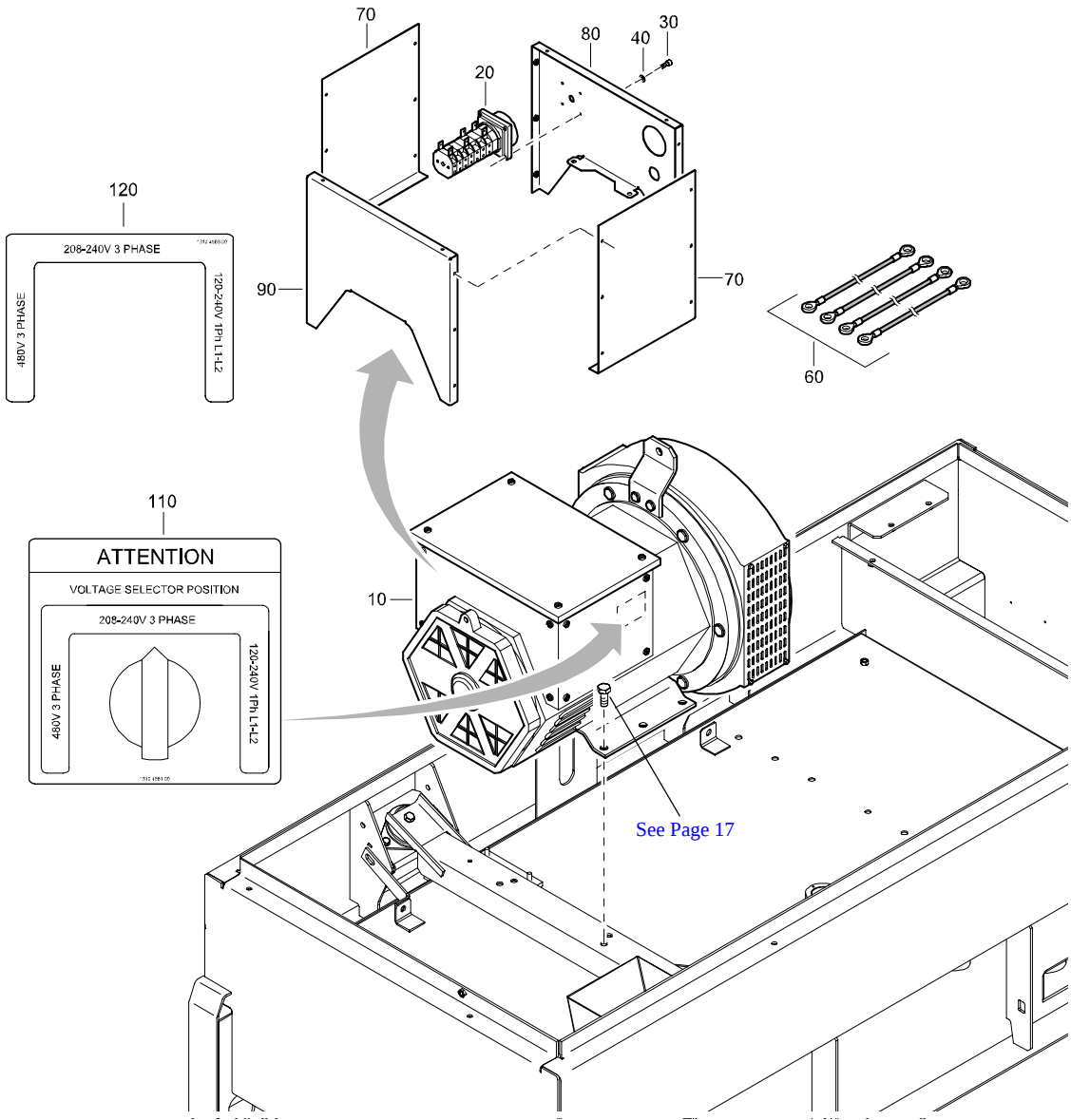
REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
10	1310 0346 73	3" TOWING EYE	1								
20	1310 0367 25	TAIL LIGHT, LH	1								
30	1310 0367 25	TAIL LIGHT, RH	1								
40	1310 0367 21	MARKER LIGHT AMBER	2								
50	1310 0367 23	SPITFIRE REFLECTOR RED	2								
60	1310 0347 24	SAFETY CHAIN ANCHOR	2								
70	1310 0346 44	SAFETY CHAIN	2								
80	1310 0347 61	HYD BRAKE TUBE	1								
90	1310 0347 07	HOSE HYD BRAKE 18	1								
100	1310 0346 51	HOSE CLIP, HYD BRAKE	1								
110	1310 0348 38	TEE, HYD	1								
120	1310 0345 82	HYD ACTUATOR, 7500 GVWR	1								
130	1310 0367 24	TIRE & WHEEL ASSY	2								
140	1310 0367 20	JACK STAND	1								
150	1310 0367 22	MUD FLAP	2								

UNDER CARRIAGE ELECTRIC BREAK - STANDARD



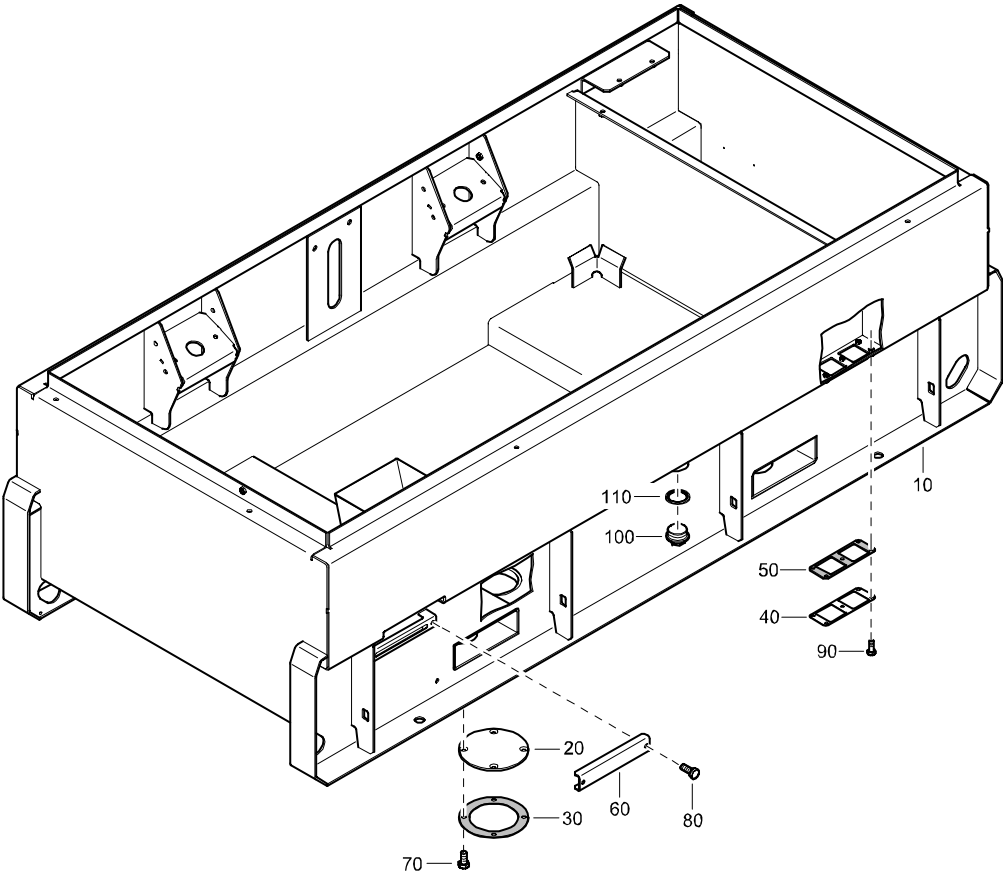
UNDER CARRIAGE ELECTRIC BREAK - STANDARD

REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY	REF	PART NUMBER	DESIGNATION	QTY
10	1310 0346 73	3" TOWING EYE	1								
20	1310 0367 25	TAIL LIGHT, LH	1								
30	1310 0367 25	TAIL LIGHT, RH	1								
40	1310 0367 21	MARKER LIGHT AMBER	2								
50	1310 0367 23	SPITFIRE REFLECTOR RED	2								
60	1310 0347 24	SAFETY CHAIN ANCHOR	2								
70	1310 0346 44	SAFETY CHAIN	2								
80	1310 0348 30	BATTERYAWAY SWITCH	1								
90	1310 0351 44	BATTERY BOX	1								
100	1310 0351 45	BATTERY	1								
110	1310 0367 24	TIRE & WHEEL ASSY	2								
120	1310 0367 20	JACK STAND	1								
130	1310 0367 22	MUD FLAP	2								



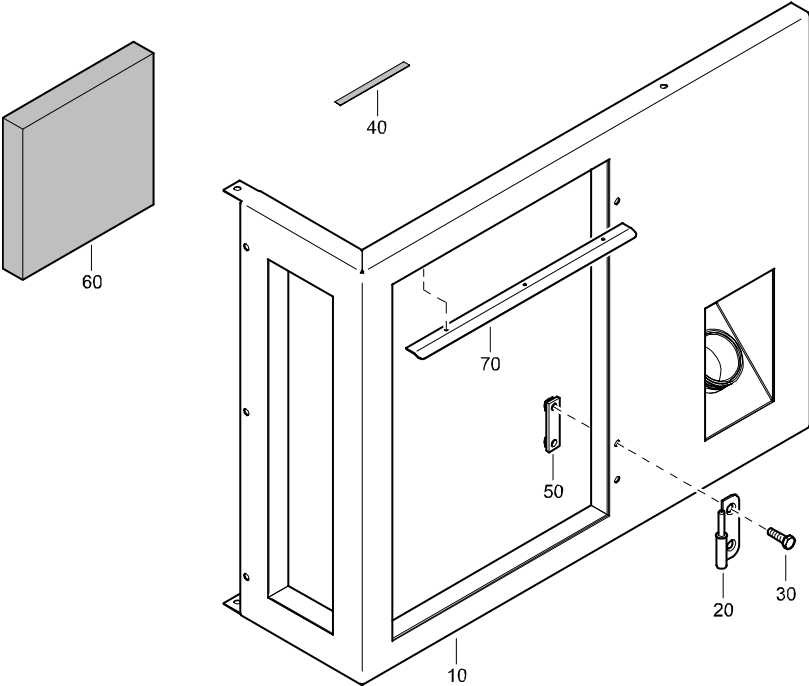
REF	PART NUMBER	DESIGNATION	QTY
10	1310 4652 00	ALTERNATOR	1
20	1089 9378 24	SELECTOR SWITCH	1
30	0211 1957 42	SOC HD CAP SCREW	4
40	0301 2318 00	FLAT WASHER	4
60	1310 4949 00	WIRE SET	1
70	1310 4719 00	SIDE PANEL ALTERNATOR BOX	2
80	1310 4720 00	REAR PANEL ALTERNATOR BOX	1
90	1310 4721 00	FRONT PANEL ALTERNATOR BOX	1
110	1310 4561 00	LABEL SELECTOR SW POSITION	1
120	1310 4560 00	LABEL SELECTOR SW VOLTAGES	1

FRAME ASSEMBLY - STANDARD



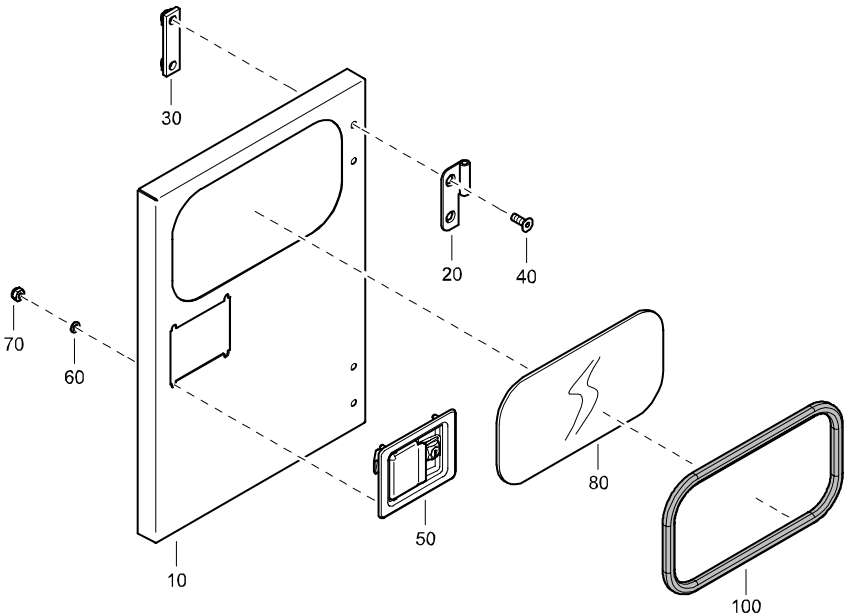
REF	PART NUMBER	DESIGNATION	QTY
-	1310 4600 80	FRAME ASSEMBLY (From page 24)	
•10	1310 4600 00	FRAME	1
•20	1310 4605 00	FLANGE	1
•30	1310 4637 00	GASKET	1
•40	1310 4604 00	PLATE	1
•50	1310 4747 00	GASKET	1
•60	1310 4606 00	CLAMP	1
•70	0147 1322 03	HEX HEAD SCREW	4
•80	0147 1326 03	HEX HEAD SCREW	2
•90	0147 1246 03	HEX HEAD SCREW	5
•100	0686 3716 09	HEX PLUG	1
•110	0661 1056 00	SEALING WASHER	1

CORNER ASSEMBLY - STANDARD



REF	PART NUMBER	DESIGNATION	QTY
-	1310 4610 80	CORNER ASSEMBLY (From page 24)	
•10	1310 4610 00	CORNER PANEL	1
•20	1604 3430 00	HINGE	2
•30	0216 1324 03	SOC HEAD CAP SCREW	4
•40	1615 7057 00	SEAL	AR
•50	1615 5684 00	BRACKET	2
•60	1310 4610 70	FOAM	1
•70	1310 4610 41	PLATE CORNER ASSY	3

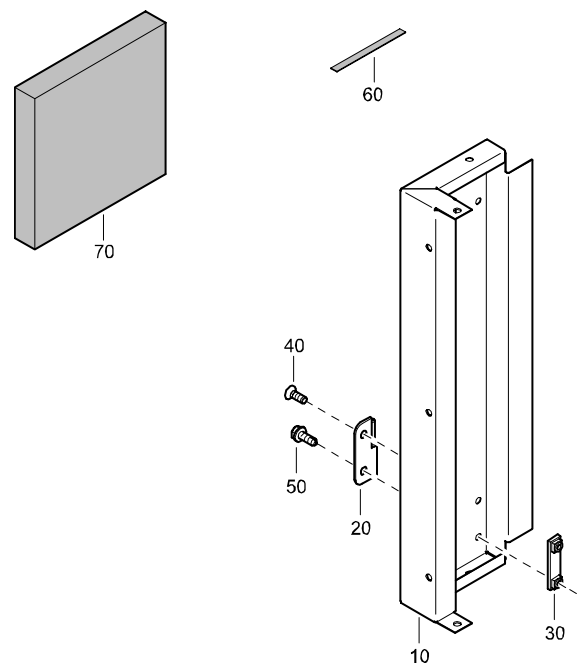
CUBICLE DOOR ASSEMBLY - STANDARD



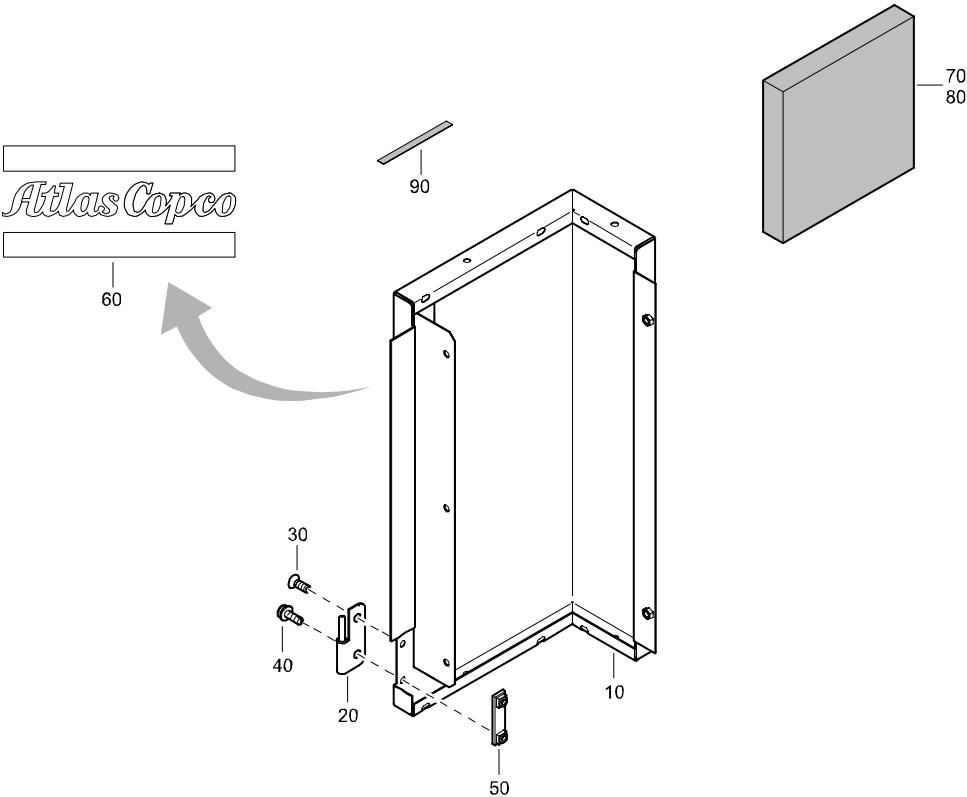
REF	PART NUMBER	DESIGNATION	QTY
-	1310 4611 80	CUBICLE DOOR ASSEMBLY	
		(From page 24)	
•10	1310 4611 00	DOOR CUBICLE	1
•20	1604 3431 00	HINGE	2
•30	1615 5684 00	BRACKET	2
•40	0216 1324 03	SOC HEAD CAP SCREW	4
•50	1615 6967 03	HANDLE	1
•60	0301 2321 00	FLAT WASHER	4
•70	0291 1108 00	LOCKNUT	4
•80	1626 1902 00	WINDOW	1
•100	1310 4049 00	SEAL	AR

CORNER ASSEMBLY - STANDARD

REF	PART NUMBER	DESIGNATION	QTY
-	1310 4612 80	CORNER ASSEMBLY (From page 24)	
•10	1310 4612 00	CORNER PANEL	1
•20	1604 3430 00	HINGE	2
•30	1615 5684 00	BRACKET	2
•40	0216 1324 03	SOC HEAD CAP SCREW	2
•50	1619 2766 00	HEX HEAD SCREW	2
•60	1615 7057 00	SEAL	AR
•70	1310 4612 70	FOAM	1

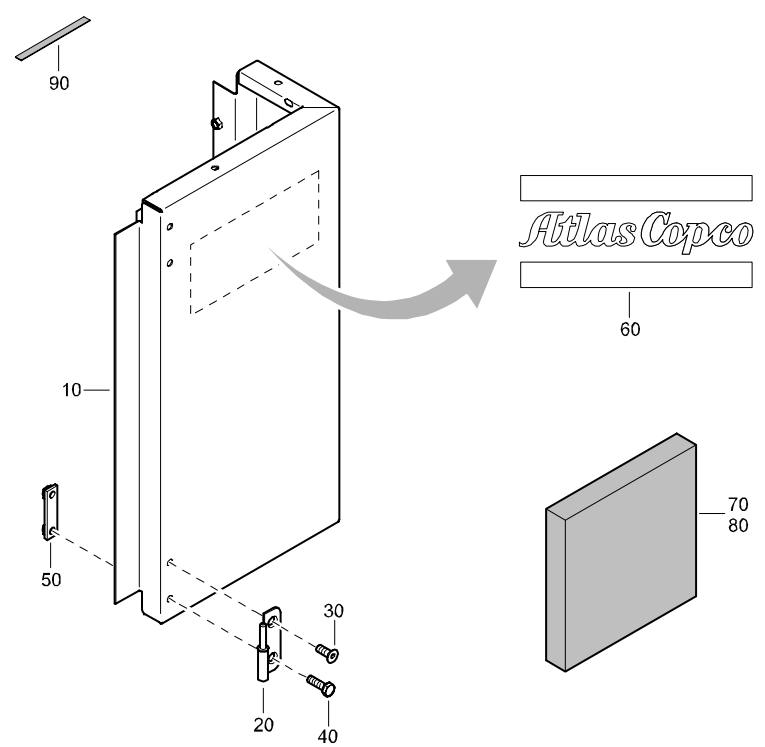


CORNER ASSEMBLY - STANDARD



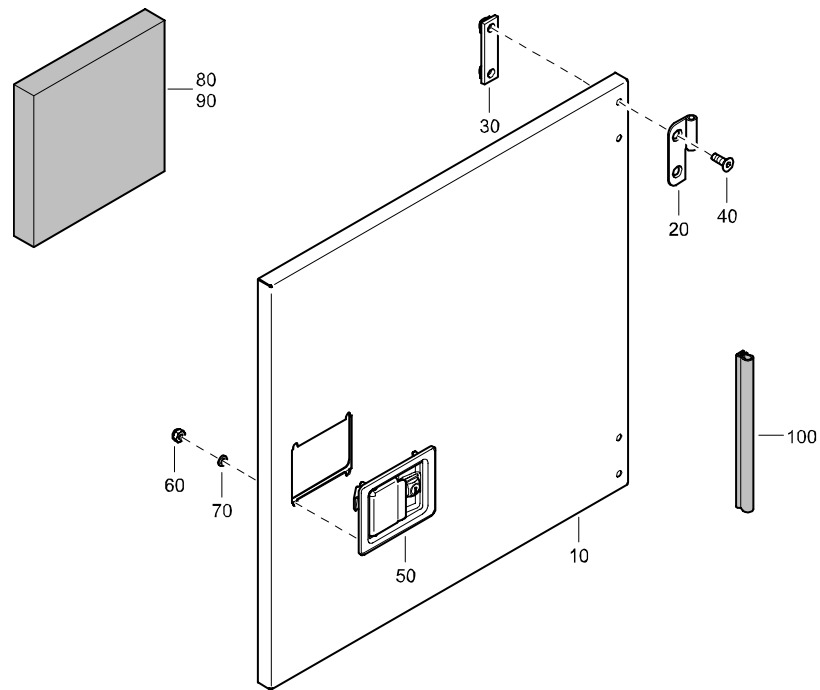
REF	PART NUMBER	DESIGNATION	QTY
-	1310 4613 80	CORNER ASSEMBLY (From page 24)	
•10	1310 4613 00	CORNER PANEL	1
•20	1604 3228 00	HINGE	2
•30	0216 1324 03	SOC HEAD CAP SCREW	2
•40	1619 2766 00	HEX HEAD SCREW	2
•50	1615 5684 00	BRACKET	2
•60	0690 1125 01	LABEL	1
•70	1310 4613 70	FOAM	1
•80	1310 4613 71	FOAM	1
•90	1615 7057 00	SEAL	AR

CORNER ASSEMBLY - STANDARD



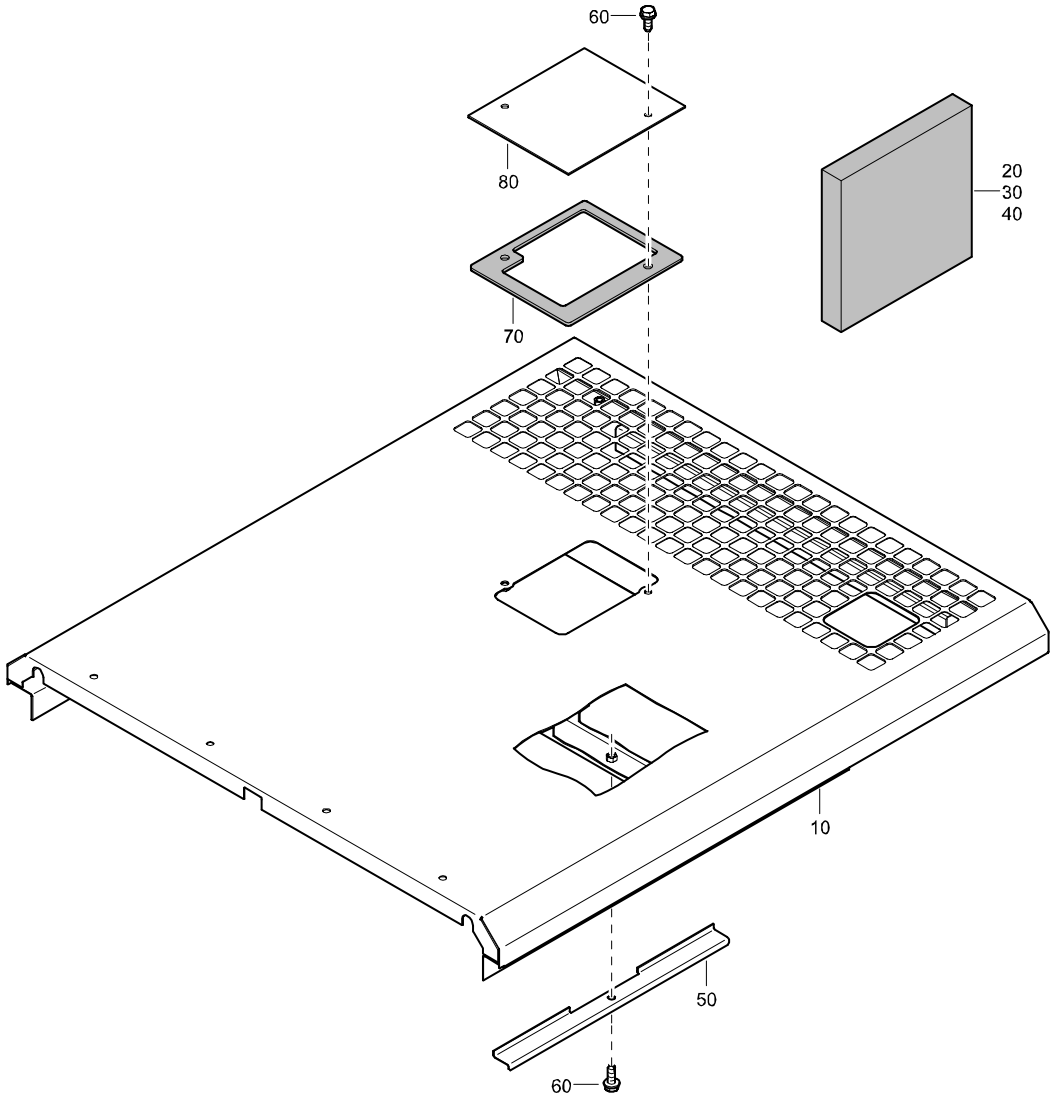
REF	PART NUMBER	DESIGNATION	QTY
-	1310 4614 80	CORNER ASSEMBLY (From page 24)	
•10	1310 4614 00	CORNER PANEL	1
•20	1604 3430 00	HINGE	2
•30	0216 1324 03	SOC HEAD CAP SCREW	2
•40	1619 2766 00	HEX HEAD SCREW	2
•50	1615 5684 00	BRACKET	2
•60	0690 1125 01	LABEL	1
•70	1310 4613 70	FOAM	1
•80	1310 4613 71	FOAM	1
•90	1615 7057 00	SEAL	AR

DOOR ASSEMBLY - STANDARD



REF	PART NUMBER	DESIGNATION	QTY
-	1310 4615 80	DOOR ASSEMBLY (From page 24)	
•10	1310 4615 00	DOOR	2
•20	1604 3431 00	HINGE	4
•30	1615 5684 00	BRACKET	4
•40	0216 1324 03	SOC HEAD CAP SCREW	8
•50	1615 6967 03	HANDLE	2
•60	0291 1108 00	LOCKNUT	8
•70	0301 2321 00	FLAT WASHER	8
•80	1310 4615 70	FOAM	2
•90	1310 4615 71	FOAM	2
•100	1604 4317 00	SEAL	AR

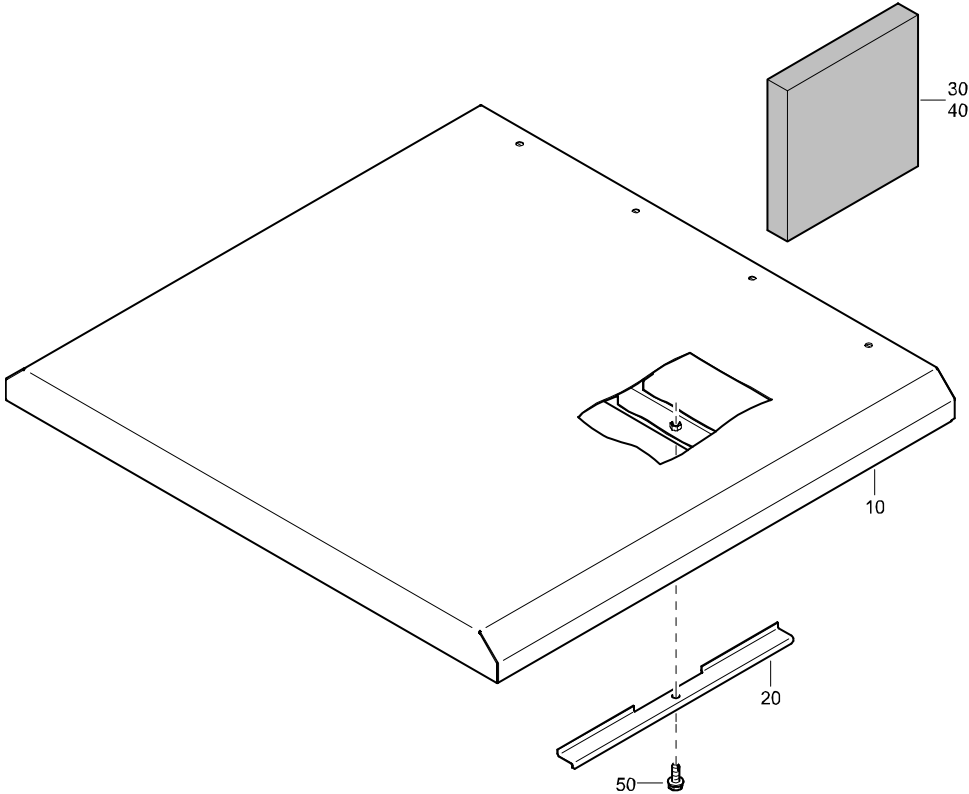
FRONT ROOF ASSEMBLY - STANDARD



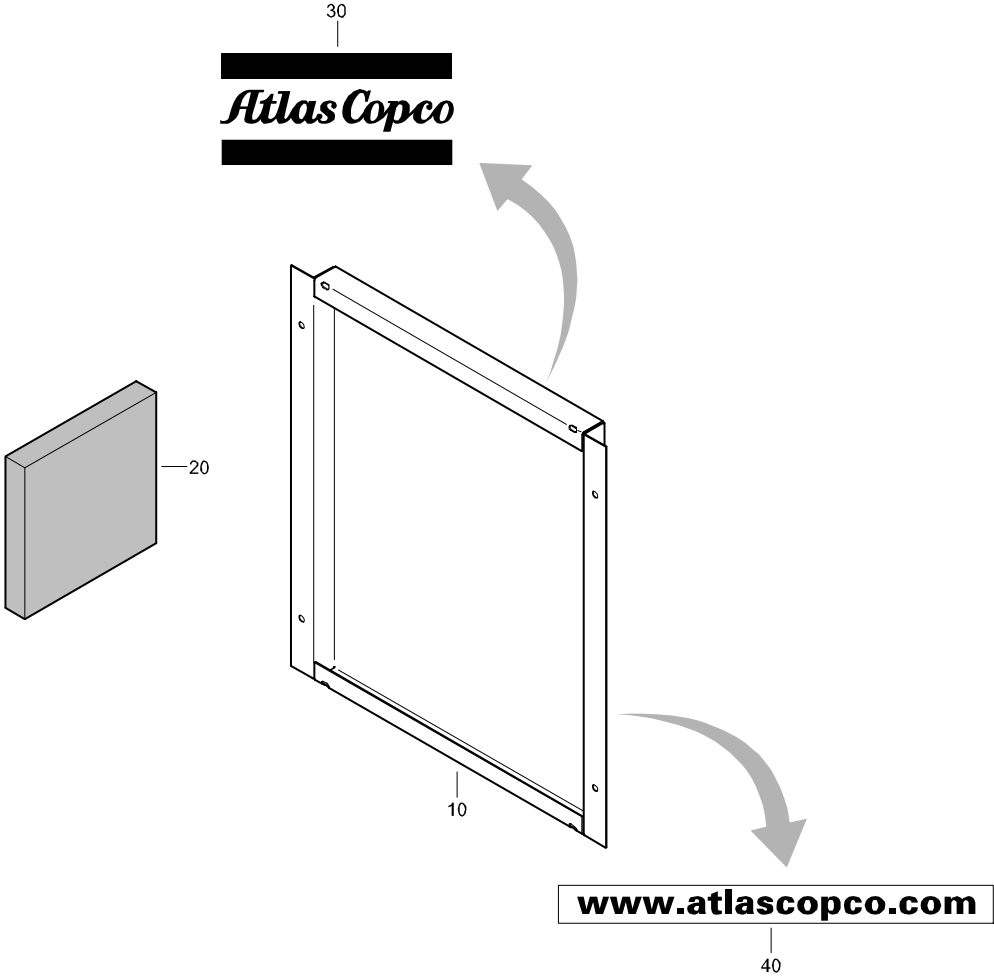
REF	PART NUMBER	DESIGNATION	QTY
-	1310 4616 80	FRONT ROOF ASSEMBLY	
		(From page 24)	
•10	1310 4616 00	ROOF	1
•20	1310 4616 70	FOAM	1
•30	1310 4616 71	FOAM	1
•40	1310 4616 72	FOAM	1
•50	1604 2338 02	BRACKET	2
•60	1619 2766 00	HEX HEAD SCREW	4
•70	1626 2616 00	SEAL	1
•80	1615 9058 01	PLATE	1

REAR ROOF ASSEMBLY - STANDARD

REF	PART NUMBER	DESIGNATION	QTY
-	1310 4617 80	REAR ROOF ASSEMBLY	
		(From page 24)	
•10	1310 4617 00	ROOF	1
•20	1604 2338 02	BRACKET	2
•30	1310 4617 70	FOAM	1
•40	1310 4617 71	FOAM	1
•50	1619 2766 00	HEX HEAD SCREW	2



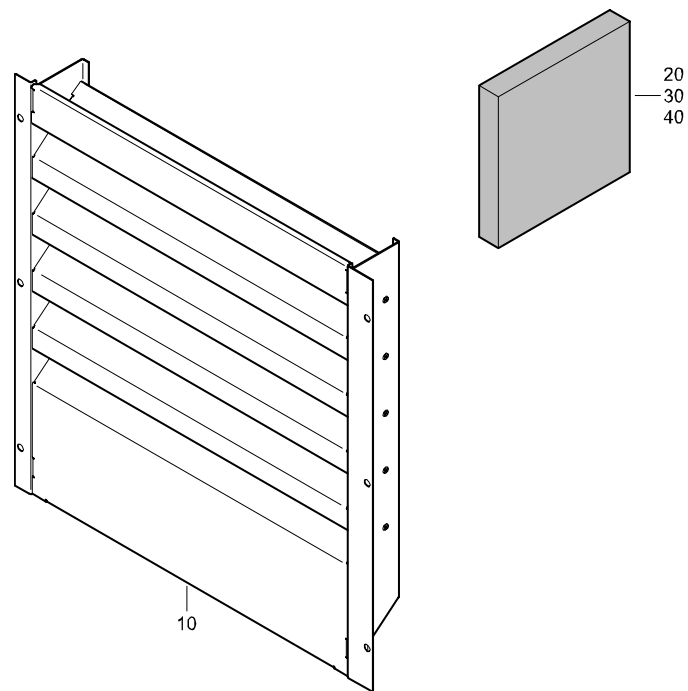
SERVICE PANEL ASSEMBLY - STANDARD



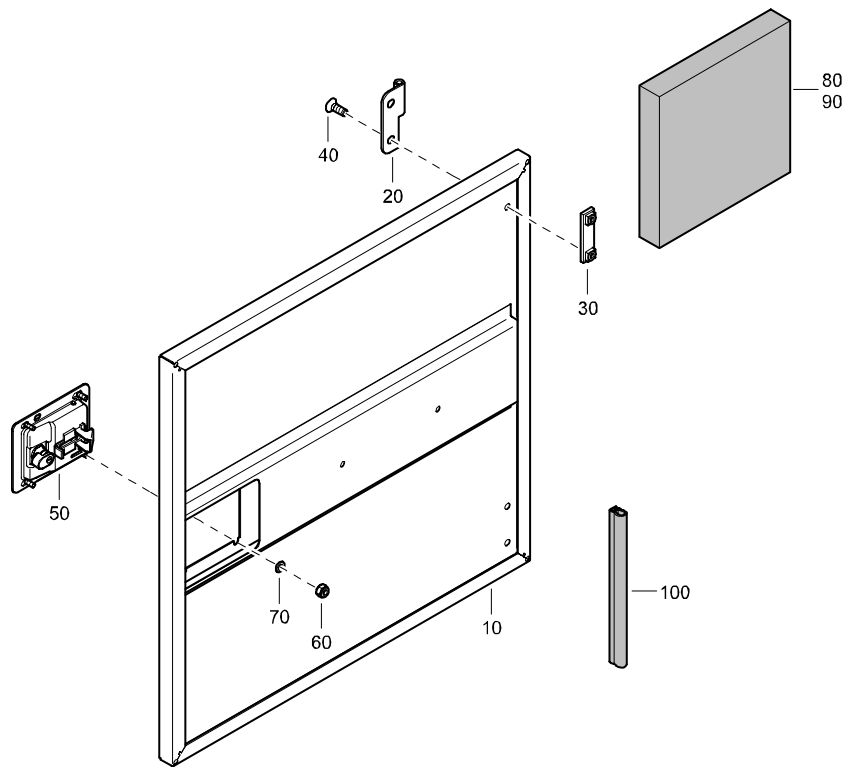
REF	PART NUMBER	DESIGNATION	QTY
-	1310 4619 80	SERVICE PANEL ASSEMBLY	
		(From page 24)	
•10	1310 4619 00	PANEL	1
•20	1310 4619 70	FOAM	1
•30	0690 1125 00	LABEL	1
•40	1079 9921 76	LABEL WEBSITE	1

AIR INLET BAFFLE ASSEMBLY - STANDARD

REF	PART NUMBER	DESIGNATION	QTY
-	1310 4620 80	AIR INLET BAFFLE ASSEMBLY	
		(From page 24)	
•10	1310 4620 00	PANEL BAFFLE	1
•20	1310 4620 70	FOAM	1
•30	1310 4620 71	FOAM	4
•40	1310 4620 72	FOAM	1



DOOR ASSEMBLY - STANDARD



REF	PART NUMBER	DESIGNATION	QTY
-	1310 4631 80	DOOR ASSEMBLY (From page 24)	
•10	1310 4615 00	DOOR	1
•20	1604 3429 00	HINGE	2
•30	1615 5684 00	BRACKET	2
•40	0216 1324 03	SOC HEAD CAP SCREW	4
•50	1615 6967 03	HANDLE	1
•60	0291 1108 00	LOCKNUT	4
•70	0301 2321 00	FLAT WASHER	4
•80	1310 4615 70	FOAM	1
•90	1310 4615 71	FOAM	1
•100	1604 4317 00	SEAL	AR

CUBICLE - STANDARD

REF	PART NUMBER	DESIGNATION	QTY
-	1310 4663 00	CUBICLE (From page 26)	
•10	1310 4663 27	HINGE DOOR CUBICLE	1
•20	1310 4663 24	PLATE LEXAN DOOR	1
•30	1310 4663 35	BRACKET TERMINAL BOARD	1
•40	1310 4663 39	BRACKET CB SUPPORT	1
•50	1310 4663 41	PLATE CUBICLE BASE	1

