

VARAOSAKIRJA  
SPARE PART BOOK

**L6BHS**



**L6 BHS**

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**VARAOSAKIRJA  
SPARE PART BOOK****LUMIKKO – LÄMPÖTILANSÄÄTÖLAITE  
LUMIKKO – TEMPERATURE CONTROL UNIT****L6BHS****Alkuperäinen/Original  
(FIN/ENG)**

|                                        |       |
|----------------------------------------|-------|
| <b>Tuotekoodi / Product code (ERP)</b> | L6BHS |
|----------------------------------------|-------|

|                           | <b>Nimi / name</b> | <b>Pvm / date</b> |
|---------------------------|--------------------|-------------------|
| <b>Laatija / writer</b>   | HYL                | 20.03.2019        |
| <b>Revisio / revision</b> | 02                 | 31.01.2020        |

**Revisio muutokset / Revision changes**

| <b>Rev</b> | <b>Nimi / name</b> | <b>Pvm / date</b> | <b>Selitys / explanation</b>                    |
|------------|--------------------|-------------------|-------------------------------------------------|
| 01         | PUR                | 25.09.2019        | Kuorien koodit päivitetty / Cover codes updated |
| 02         | VR                 | 31.01.2020        | Koodeja päivitetty / Codes updated              |
|            |                    |                   |                                                 |
|            |                    |                   |                                                 |

SUOMI

ENGLISH

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### YLEISTÄ

**Käytä vain alkuperäisiä Lumikko -lämpötilansäätölaitteen osia, jotta lämpötilansäätölaitteen luotettavuus ja laatu säilyvät.** Muiden kuin alkuperäisten osien asentaminen saattaa vahingoittaa lämpötilansäätölaitetta. Tällaisten osien käyttäminen lopettaa takuun, koska niitä ei ole testattu Lumikko Technologies Oy:n toimesta.

Tilaa aina varaosat Lumikko Technologies Oy:stä.

**Tutustu huoltopisteen huoltomanuaaliin ja lue annetut turvallisuusohjeet huolellisesti ennen huolto- ja korjaustoimenpiteiden suorittamista.**

### Tilausohjeet

Ennen kuin tilaat varaosia selvitä lämpötilansäätölaitteen runkoon kiinnitetystä tyyppikilvestä laitteen tyyppi, sarjanumero ja valmistumisaika sekä tilattavan osan tilausnumero.

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### GENERAL

**To maintain reliability and quality of the temperature control unit, use only original Lumikko – spare parts.** Using other than original parts may damage the temperature control unit. Using other than original parts also voids the warranty, because they have not been tested by Lumikko Technologies Oy.

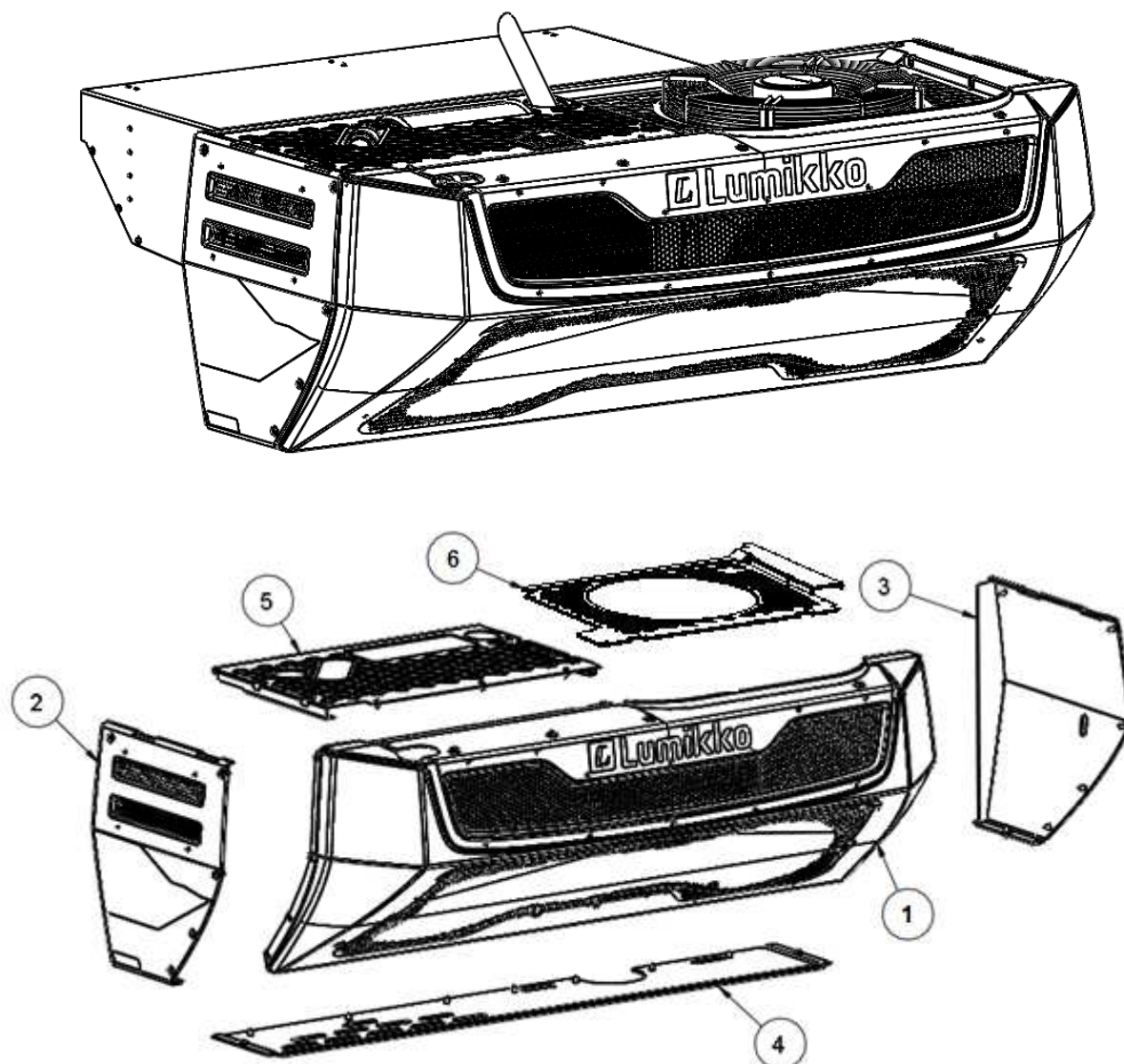
Always order spare parts from Lumikko Technologies Oy.

**Familiarize into the maintenance point's maintenance manual and read the given safety instructions before making any maintenance or reparation operation.**

### Order instructions

Before you order spare parts check from nameplate, fastened to temperature control unit frame, type, serial number and installation date and also ordered parts order number.

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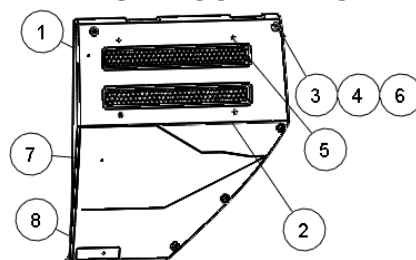
**ULKOKUORET**
**OUTER COVER**


| ID | CODE      | SPARE PART CODE | KUVAUS     | DESCRIPTION  | QTY |
|----|-----------|-----------------|------------|--------------|-----|
| 1  | 200300662 | 200300662       | Etukuori   | Front cover  | 1   |
| 2  | 200300657 | 200300657       | Sivukuori  | Side cover   | 1   |
| 3  | 200300659 | 200300659       | Sivukuori  | Side cover   | 1   |
| 4  | 200300113 | 200300113       | Pohjakuori | Bottom cover | 1   |
| 5  | 200170816 | 200170816       | Konepelti  | Hood         | 1   |
| 6  | 200175862 | 200175862       | Suojalevy  | Cover plate  | 1   |

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### SIVUKUORI OIKEA

#### SIDE COVER RIGHT

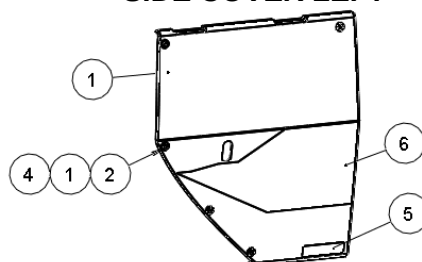


**200300658**

| ID | CODE      | SPARE PART CODE | KUVAUS              | DESCRIPTION             | QTY |
|----|-----------|-----------------|---------------------|-------------------------|-----|
| 1  | 200106118 | PR241030259     | Sivukuori           | Side cover              | 1   |
| 2  | 200300470 | 200300470       | Verkko              | Mesh                    | 1   |
| 3  | 200112192 | 200112192       | Uraruuvi, kupukanta | Machine screw, pan head | 6   |
| 4  | 200106244 | BB1203          | Muoviolkki          | Plastic sleeve          | 6   |
| 5  | 200300628 | 200300628       | Vetoniitti          | Blind rivet             | 4   |
| 6  | 200131701 | 200131701       | Kumialuslevy        | Rubber washer           | 6   |
| 7  | 200300591 | 225021030       | Tarra               | Sticker                 | 1   |
| 8  | 200300601 | 225021026       | Tarra               | Sticker                 | 1   |

### SIVUKUORI VASEN

#### SIDE COVER LEFT

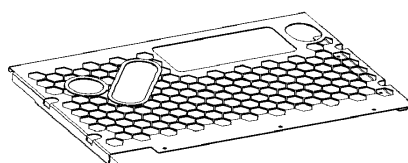


**200300660**

| ID | CODE      | SPARE PART CODE | KUVAUS              | DESCRIPTION             | QTY |
|----|-----------|-----------------|---------------------|-------------------------|-----|
| 1  | 200106048 | PR241030260     | Sivukuori           | Side cover              | 1   |
| 2  | 200112192 | 200112192       | Uraruuvi, kupukanta | Machine screw, pan head | 6   |
| 3  | 200106244 | BB1203          | Muoviolkki          | Plastic sleeve          | 6   |
| 4  | 200131701 | 200131701       | Kumialuslevy        | Rubber washer           | 6   |
| 5  | 200300601 | 225021026       | Tarra               | Sticker                 | 1   |
| 6  | 200300592 | 225021030       | Tarra               | Sticker                 | 1   |

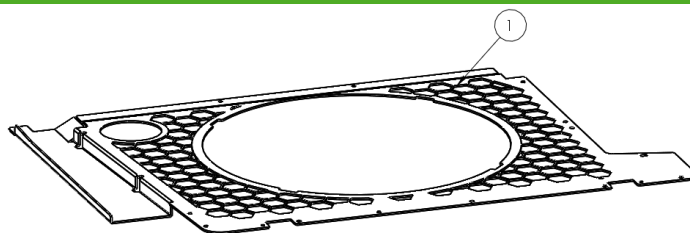
### KONEPELTI

#### HOOD

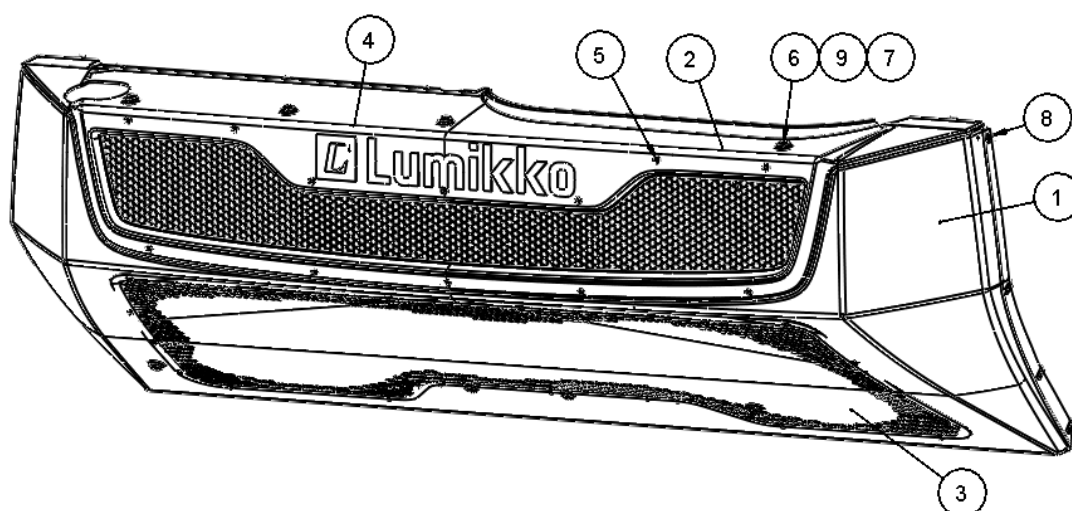


**200170816**

| ID | CODE      | SPARE PART CODE | KUVAUS    | DESCRIPTION | QTY |
|----|-----------|-----------------|-----------|-------------|-----|
| 1  | 200170816 | 200170816       | Konepelti | Hood        | 1   |



| ID | CODE      | SPARE PART CODE | KUVAUS    | DESCRIPTION | QTY |
|----|-----------|-----------------|-----------|-------------|-----|
| 1  | 200175862 | 200175862       | Suojalevy | Cover plate | 1   |

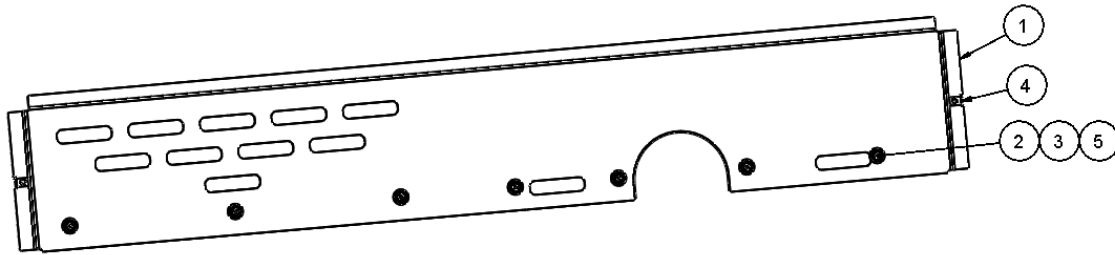
**ETUKUORI**
**FRONT COVER**

**200300662**

| ID | CODE      | SPARE PART CODE | KUVAUS              | DESCRIPTION             | QTY |
|----|-----------|-----------------|---------------------|-------------------------|-----|
| 1  | 200300655 | 200300655       | Etukuori            | Front cover             | 1   |
| 2  | 200300458 | 200300458       | Verkko              | Mesh                    | 1   |
| 3  | 200173475 | 200173475       | Verkko              | Mesh                    | 1   |
| 4  | 200106127 | PR241030438     | Tarra, logo         | Sticker, logo           | 1   |
| 5  | 200300629 | 200300629       | Vetoniitti          | Blind rivet             | 32  |
| 6  | 200112192 | 200112192       | Uraruuvi, kupukanta | Machine screw, pan head | 9   |
| 7  | 200131701 | 200131701       | Kumialuslevy        | Rubber washer           | 9   |
| 8  | 200105991 | 62260003        | Korimutteri         | Chimney nut             | 13  |
| 9  | 200162170 | BB1203N         | Muoviholkki         | Plastic sleeve          | 9   |

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### ULKOKUORI POHJA

### OUTER COVER BASE

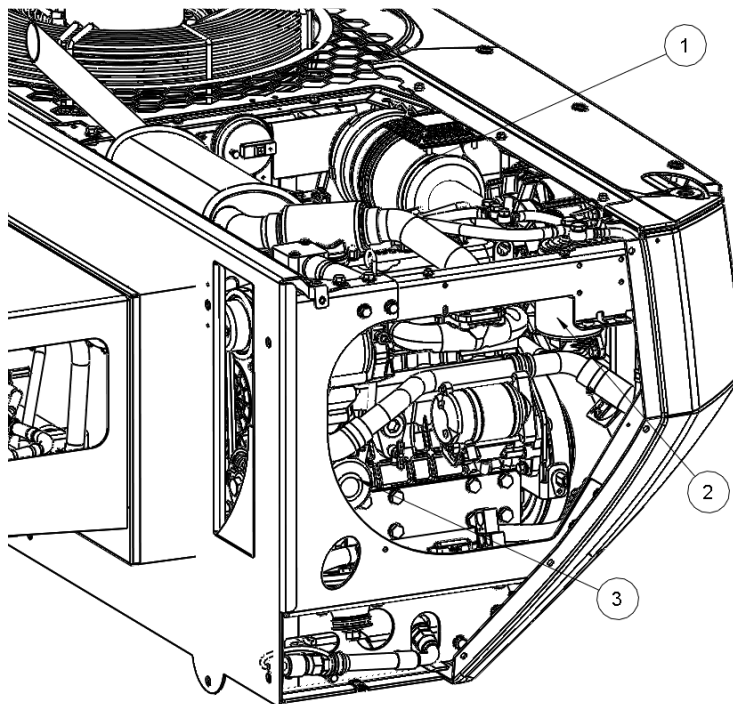


**200300113**

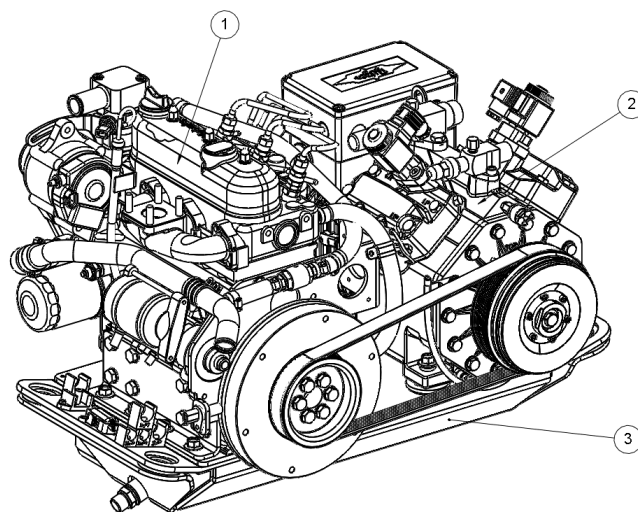
| ID | CODE      | SPARE PART CODE | KUVAUS              | DESCRIPTION             | QTY |
|----|-----------|-----------------|---------------------|-------------------------|-----|
| 1  | 200105882 | PR241030497     | Pohjakuori          | Bottom cover            | 1   |
| 2  | 200112192 |                 | Uraruuvi, kupukanta | Machine screw, pan head | 7   |
| 3  | 200162170 | BB1203N         | Muoviholkki         | Plastic sleeve          | 7   |
| 4  | 200105991 | 62260003        | Korimutteri         | Chimney nut             | 2   |
| 5  | 200131701 |                 | Kumialuslevy        | Rubber washer           | 7   |

### SUODATTIMET

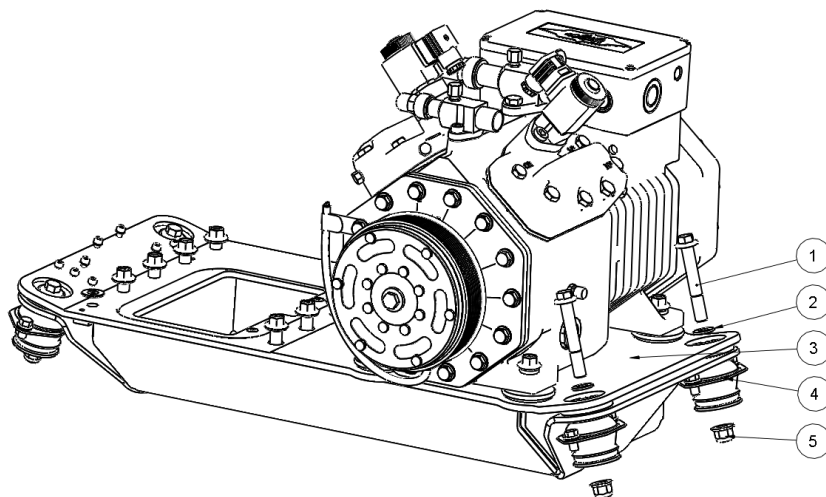
### FILTERS



| ID | CODE      | SPARE PART CODE | KUVAUS             | DESCRIPTION | QTY |
|----|-----------|-----------------|--------------------|-------------|-----|
| 1  |           | 200300850       | Ilmansuodatin      | Air filter  | 1   |
| 2  | 200106164 | LU107           | Polttoainesuodatin | Fuel filter | 1   |
| 3  |           | LU905           | Öljynsuodatin      | Oil filter  | 1   |

**KONEPETI**
**MACHINE BASE**


| ID | CODE      | SPARE PART CODE | KUVAUS                                          | DESCRIPTION                                     | QTY |
|----|-----------|-----------------|-------------------------------------------------|-------------------------------------------------|-----|
| 1  | 200107081 |                 | Dieselmoottori Kubota D1105                     | Diesel engine KubotaD1105                       | 1   |
| 2  | 200186053 | 200186053       | Hybridi Compressor Bitzer, Bitzer, 4-BET-9Y-40S | Hybridi Compressor Bitzer, Bitzer, 4-BET-9Y-40S | 1   |
| 3  | 200106137 | PR241030179     | Öljypohja (assy)                                | Oil pan (assy)                                  | 1   |

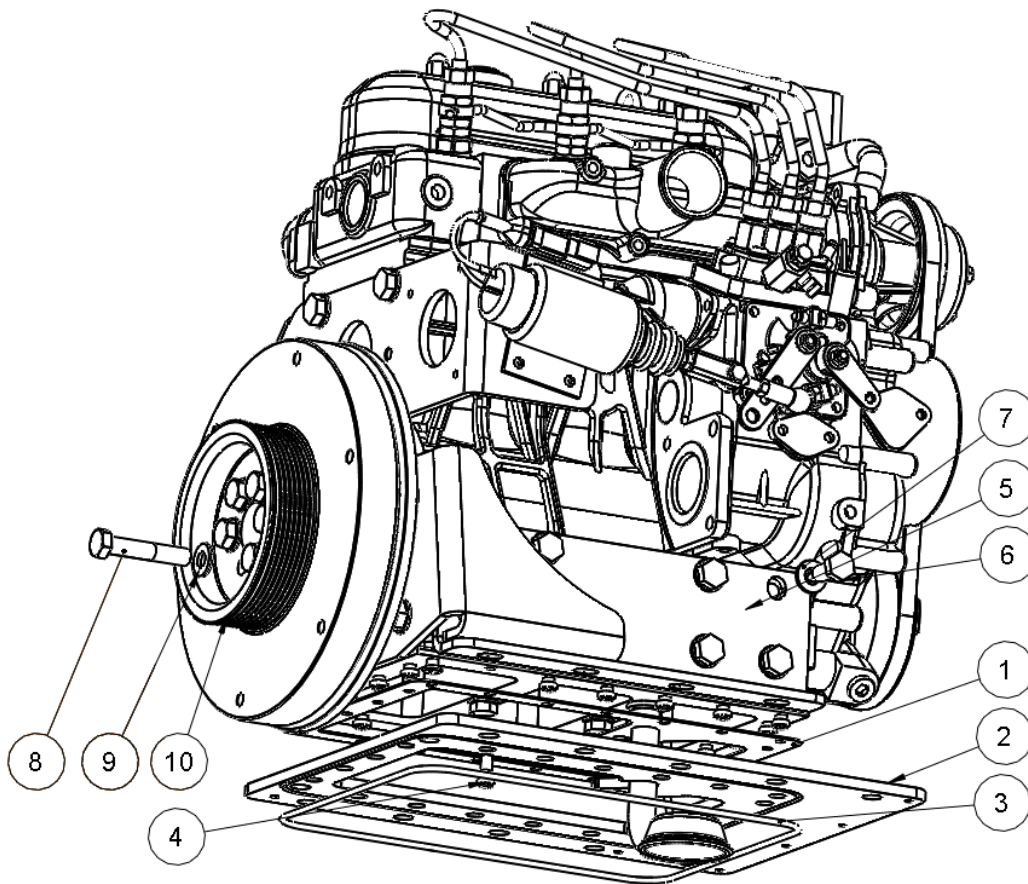


| ID | CODE      | SPARE PART CODE | KUVAUS                     | DESCRIPTION                | QTY |
|----|-----------|-----------------|----------------------------|----------------------------|-----|
| 1  | 200131771 | 62010050        | Kuusioruuvi M12 x 90       | Hex head screw M12 x 90    | 4   |
| 2  | 200108594 | 61010002        | Aluslevy M12               | Plain washer M12           | 4   |
| 3  | 200106137 | PR241030179     | Konepedin runko            | Machine base frame         | 1   |
| 4  | 200106162 | 469067          | Tärinäneristin kartiojalka | Anti vibration, cone mount | 4   |
| 5  | 200131812 | 62210030        | Lukitus mutteri laippa M12 | Lock nut flange M12        | 4   |

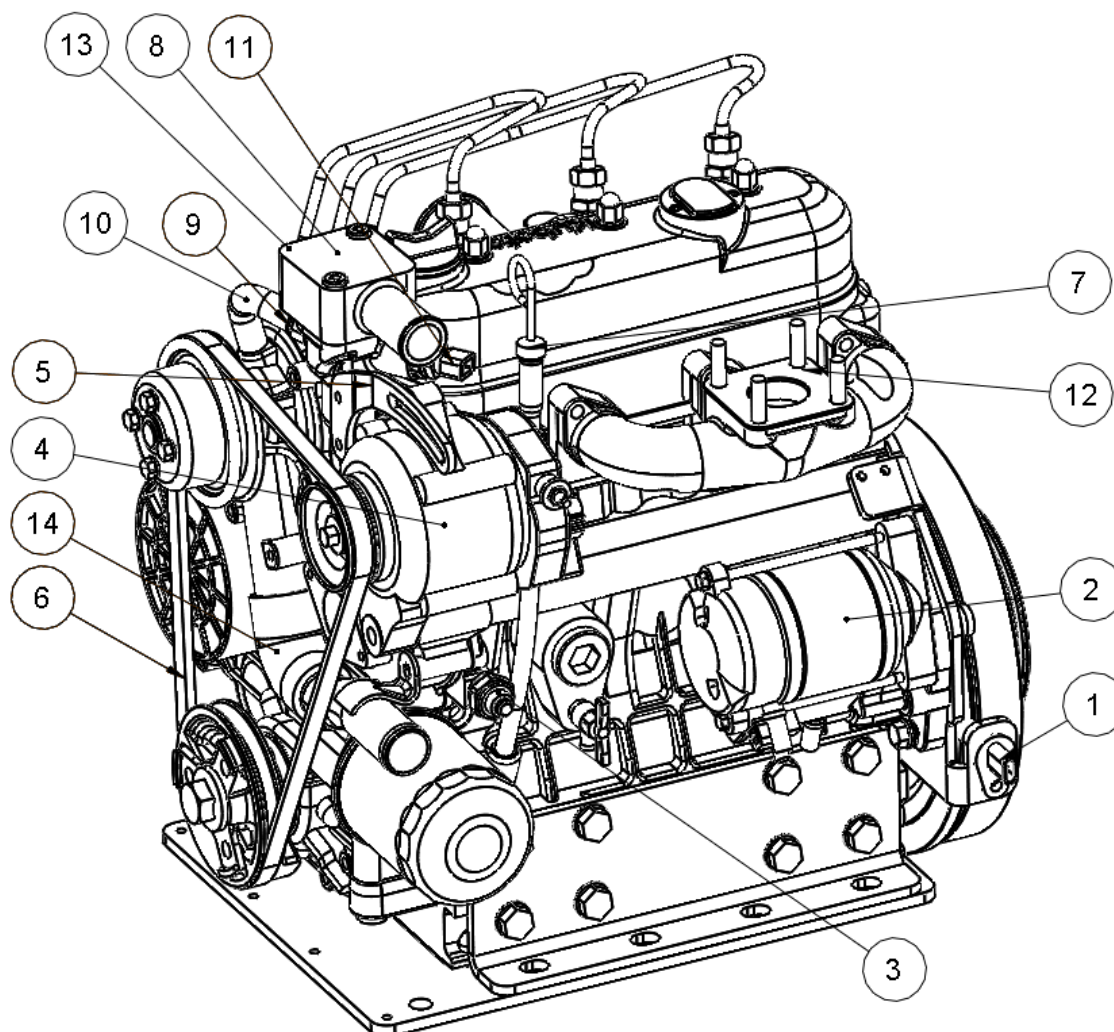
## L6 BHS

### DIESELMOOTTORI

### DIESEL ENGINE



| ID | CODE      | SPARE PART CODE | KUVAUS                            | DESCRIPTION                    | QTY |
|----|-----------|-----------------|-----------------------------------|--------------------------------|-----|
| 1  | 200175211 |                 | Kuparitiiviste                    | Copper gasket                  | 1   |
| 2  | 200107148 | pr253030011     | Öljypohjan adapterilevy           | Adapter for oil pan            | 1   |
| 3  | 200183144 |                 | O-rengasNBR Ø290 x 3,0 FPM        | O-ring NBR Ø290 x 3,0 FPM      | 1   |
| 4  | 200106037 | 62030152        | Kuusiokoloruuvi, matala M6 x 16   | Socket head screw, low M6 x 16 | 20  |
| 5  | 200224332 |                 | Tukilevy                          | Support plate                  | 2   |
| 6  | 200105876 | 62020015        | Kuusioruuvi M10 X 1,25 X 25       | Hex head screw M10 X 1,25 X 25 | 6   |
| 7  | 200106110 | 61040010        | Lukitusaluslevy M10               | Lock plain washer M10          | 6   |
| 8  | 200105908 | 62010155        | Kuusioruuvi M10 X1,25 X 60        | Hex head screw M10 X1,25 X 60  | 5   |
| 9  | 200106110 | 61040010        | Lukitusaluslevy M10               | Lock plain washer M10          | 5   |
| 10 | 200107222 | PR253030013     | Hihnapyörä Ø130, Poly V-Belt, 8PK | Pulley Ø130, Poly V-Belt, 8PK  | 1   |

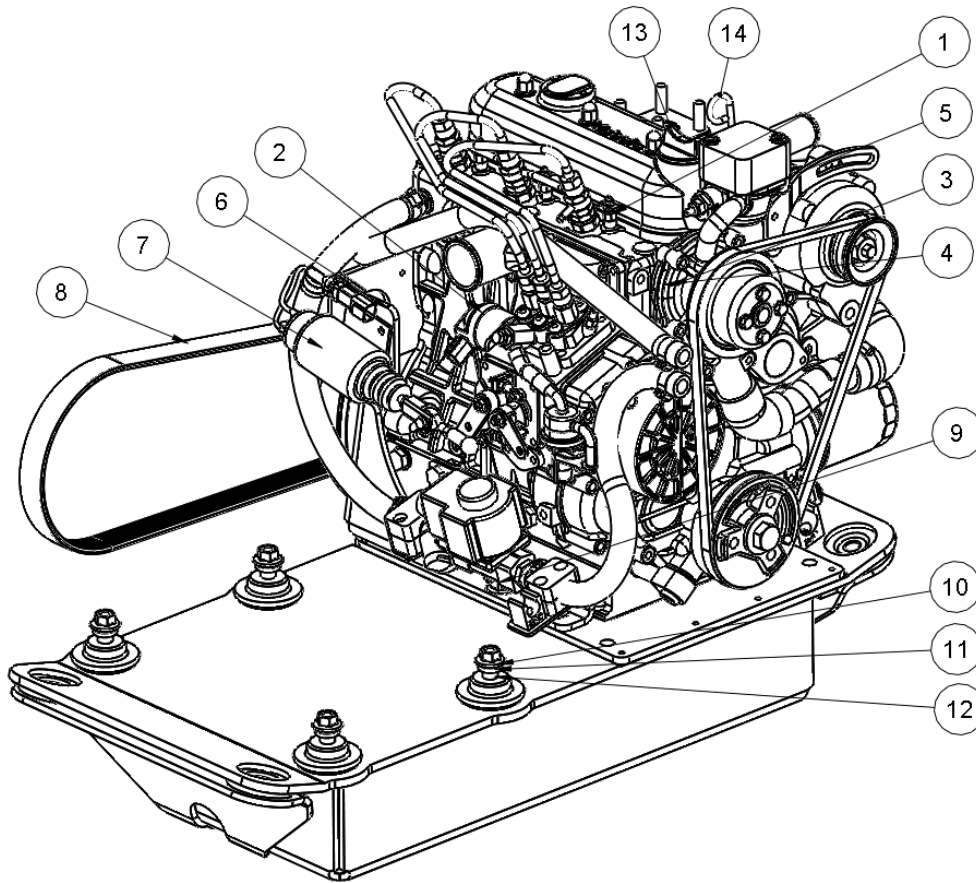
**DIESELMOOTTORI**
**DIESEL ENGINE**


| ID | CODE      | SPARE PART CODE | KUVAUS                | DESCRIPTION         | QTY |
|----|-----------|-----------------|-----------------------|---------------------|-----|
| 1  | 200149548 | 200149548       | Kierroslukuanturi     | RPM sensor          | 1   |
| 2  |           | 478440004       | Starttimoottori       | Starter motor       | 1   |
| 3  |           | 478460001       | Öljynpaine kytkin     | Oil pressure switch | 1   |
| 4  |           | 707001          | Laturi                | Alternator          | 1   |
| 5  |           | KU1587264420    | Laturintuki           | Alternator support  | 1   |
| 6  |           | AVX10X940       | Hihna                 | Belt                | 1   |
| 7  |           | 478020002       | Öljytikku             | Dipstick            | 1   |
| 8  | 200106797 | 80DFL200        | Termostaattikotelo    | Thermostat cover    | 1   |
| 9  |           | KU1624173350    | Letkumutka            | Hose curve          | 1   |
| 10 |           | 478510009       | Termostaatin tiiviste | Thermostat seal     | 1   |
| 11 |           | LC2100          | Lämpötila anturi      | Temperature sensor  | 1   |
| 12 |           | 478650017       | Pakoputken tiiviste   | Exhaust gasket      | 1   |
| 13 |           | 478510018       | Termostaatti          | Thermostat          | 1   |
| 14 |           | KU1624172870    | Letkumutka            | Hose curve          | 1   |

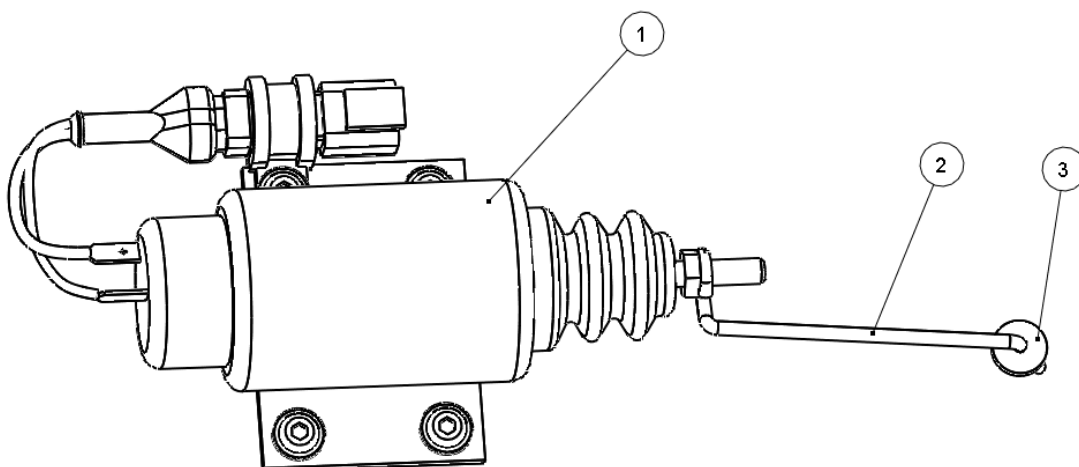
## L6 BHS

### DIESELMOOTTORI

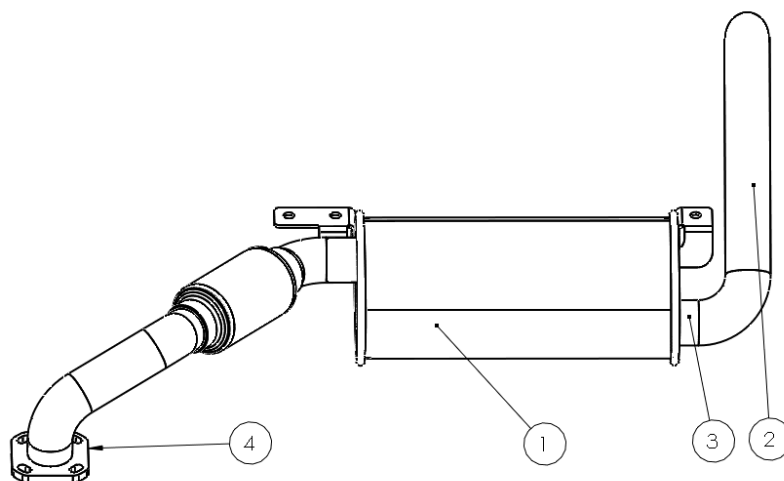
### DIESEL ENGINE



| ID | CODE      | SPARE PART CODE | KUVAUS                                | DESCRIPTION                                 | QTY |
|----|-----------|-----------------|---------------------------------------|---------------------------------------------|-----|
| 1  |           | 478030071       | Hehkutulppa                           | Glow plug                                   | 3   |
| 2  |           | 478210005       | Stop solenoidi                        | Stop solenoid                               | 1   |
| 3  |           | 478510022       | Vesipumppu                            | Water pump                                  | 1   |
| 4  |           | 478510023       | Vesipumpun tiiviste                   | Water pump seal                             | 1   |
| 5  |           | 478510004       | Lämpöanturi                           | Temperature sensor                          | 1   |
| 6  | 200179248 |                 | Tukilevy                              | Support plate                               | 1   |
| 7  | 200106843 | 479010001       | Solenoidi, kaasu                      | Solenoid, gas                               | 1   |
| 8  | 200166045 | 200166045       | Moniurahihna, venyvä 8PK1295 Flexonic | Multi groove belt, stretch 8PK1295 Flexonic | 1   |
| 9  | 200106019 | 62010132        | Kuusioruuvi, laippa M12 x 30          | Hex head screw, flange M12 x 30             |     |
| 10 | 200105794 | 04369912        | Pallolaatta Ø12                       | Spherical washer Ø12                        | 4   |
| 11 | 200106197 | 0436913         | Pallolaatta Ø12                       | Spherical washer Ø12                        | 4   |
| 12 | 200105989 | 62010121        | Kuusioruuvi, laippa M12 x 35          | Hex head screw, flange M12 x 35             | 4   |
| 13 |           | 478050001       | Öljykorkki                            | Oil cap                                     | 1   |
| 14 |           | 478020002       | Öljytikku                             | Dipstick                                    | 1   |

**KAASUSOLENOIDI**
**THROTTLE SOLENOIDS**


| ID | CODE      | SPARE PART CODE | KUVAUS          | DESCRIPTION   | QTY |
|----|-----------|-----------------|-----------------|---------------|-----|
| 1  | 200106042 | 479010001       | Solenoidi, kaas | Solenoid, gas | 1   |
| 2  |           | 200300942       | Teräslanka      | Steel wire    | 1   |
| 3  |           | 200300508       | Muoviosa        | Plastic part  | 1   |

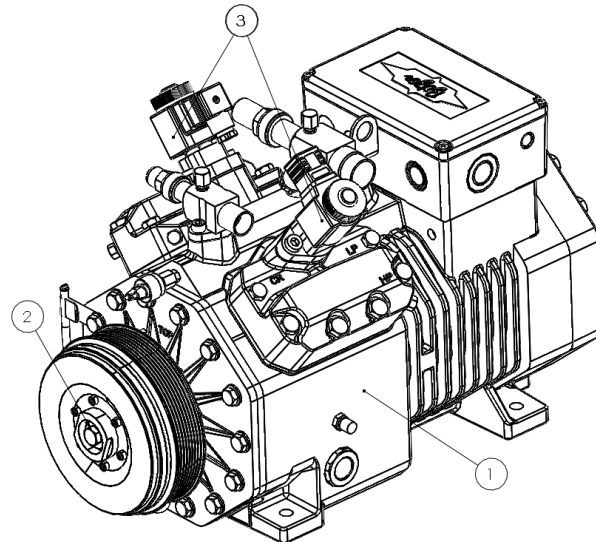
**PAKOPUTKI**
**EXHAUST PIPE**

**PR253030005**

| ID | CODE      | SPARE PART CODE | KUVAUS                  | DESCRIPTION            | QTY |
|----|-----------|-----------------|-------------------------|------------------------|-----|
| 1  | 200107080 |                 | Pakoputki               | Exhaust tube           | 1   |
| 2  | 200106142 |                 | Pakoputken loppu, kurvi | Exhaust tube end curve | 1   |
| 3  |           | K32             | Klemmari 42 mm          | Clamp 42 mm            | 1   |
| 4  |           | 478650017       | Pakoputken tiiviste     | Exhaust tube gasket    | 1   |

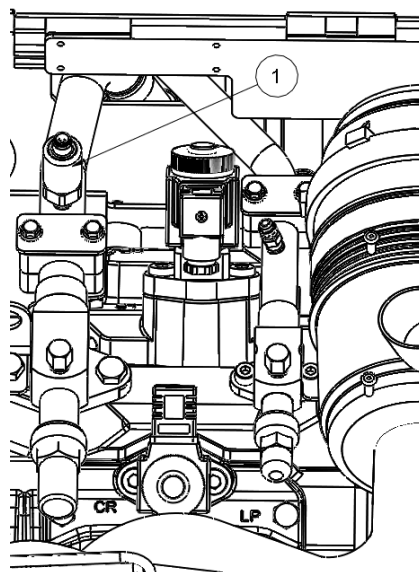
## L6 BHS

### HYBRIDIKOMPRESSORI

### HYBRID COMPRESSOR

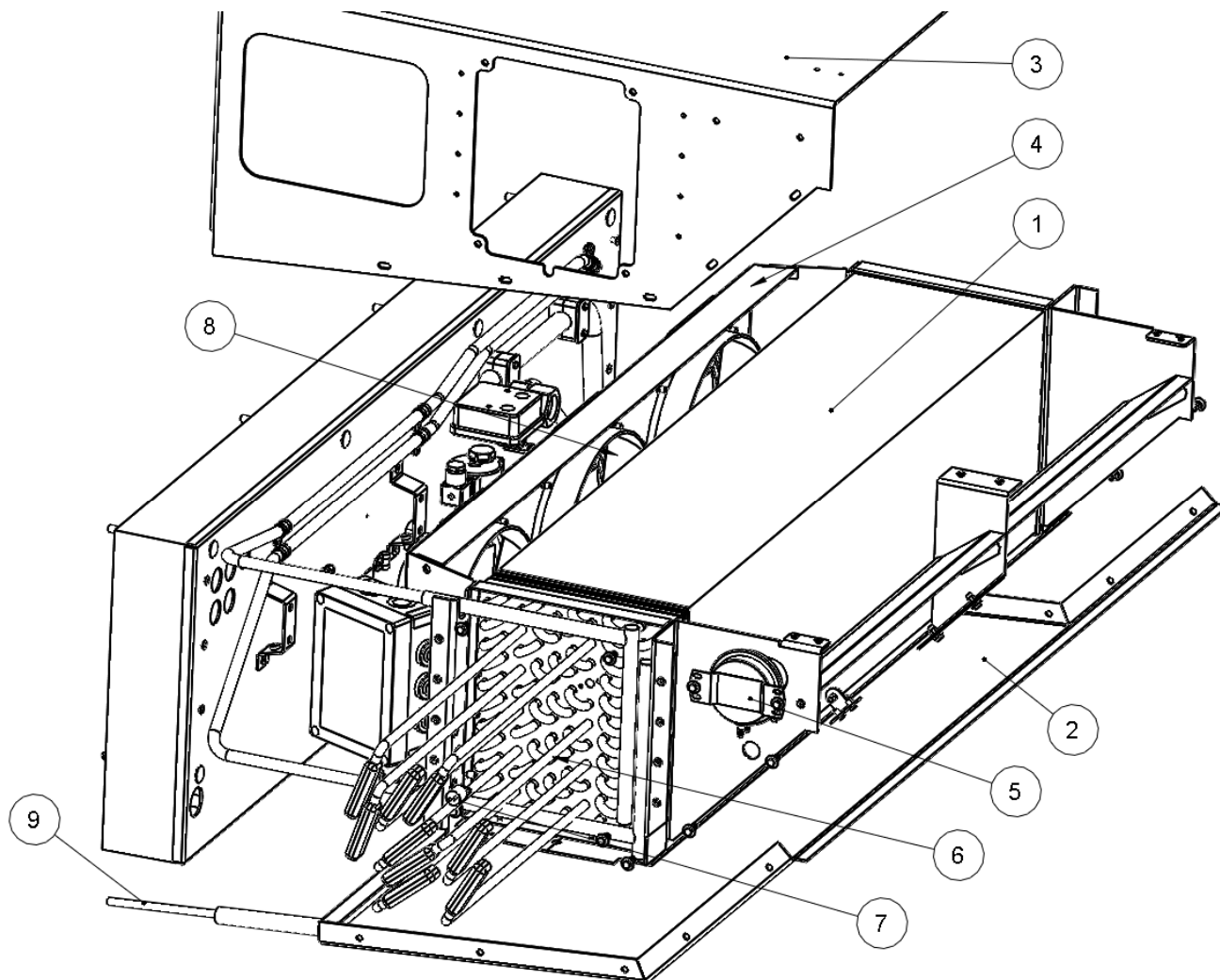


| ID | CODE      | SPARE PART CODE | KUVAUS                                              | DESCRIPTION                                        | QTY |
|----|-----------|-----------------|-----------------------------------------------------|----------------------------------------------------|-----|
| 1  | 200186053 | 200186053       | Hybridikompressorit Bitzer,<br>Bitzer, 4-BET-9Y-40S | Hybridi Compressor Bitzer,<br>Bitzer, 4-BET-9Y-40S | 1   |
| 2  | 200300518 |                 | Magneettikytkin                                     | Magnetic clutch                                    | 1   |
| 3  |           | 394010008       | Mg-kela 12V                                         | Mg-coil 12V                                        | 2   |



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| ID | CODE      | SPARE PART CODE | KUVAUS                | DESCRIPTION          | QTY |
|----|-----------|-----------------|-----------------------|----------------------|-----|
| 1  | 200105939 | 361010040       | Painelähetin 0-25 bar | Pressure transmitter | 1   |

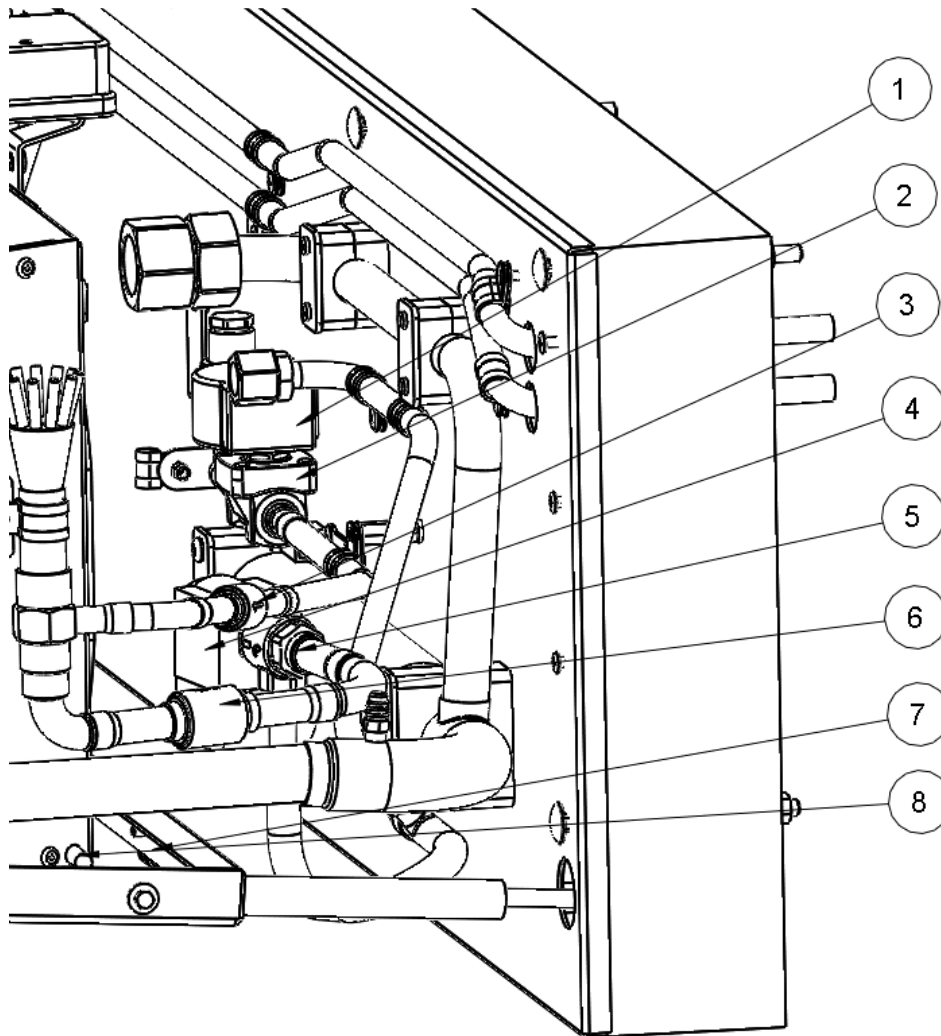
**HÖYRYSTIN KOKOONPANO**
**EVAPORATOR ASSEMBLY**


| ID | CODE      | SPARE PART CODE | KUVAUS                           | DESCRIPTION                       | QTY |
|----|-----------|-----------------|----------------------------------|-----------------------------------|-----|
| 1  | 200107405 | pr242030073     | Höyrystin                        | Evaporator                        | 1   |
| 2  | 200107681 |                 | Tippalevy                        | Dip water plate                   | 1   |
| 3  | 200107624 | 80DFL471        | Höyrystimen kotelo               | Evaporator casing                 | 1   |
| 4  | 200107642 | 80dfL-483       | Höyrystinpuhaltimien kotelo      | Evap. Fan housing                 | 1   |
| 5  | 200106233 | 361010020       | Paine-erokello                   | Pressure difference switch        | 1   |
| 6  | 200107208 | 6010278200      | Lämmitysvastus 3 x 320 W, L 1100 | Heater resistor 3 x 320 W, L 1100 | 3   |
| 7  | 200105786 | ELW0974         | Yliämpötermostaatti              | Overheat thermostat               | 1   |
| 8  | 200107312 | 451010006       | Puhallin, aksiaali               | Fan, axial                        | 3   |
| 9  | 200107132 | BHV8443033      | Lämmitysvastus 1 x 120W, L 620mm | Heater resistor 1 x 120W, L 620mm | 1   |
|    |           | 200127858       | Lämpötila-anturi                 | Temperature sensor                | 4   |

## L6 BHS

### HÖYRYSTIN KOKOONPANO

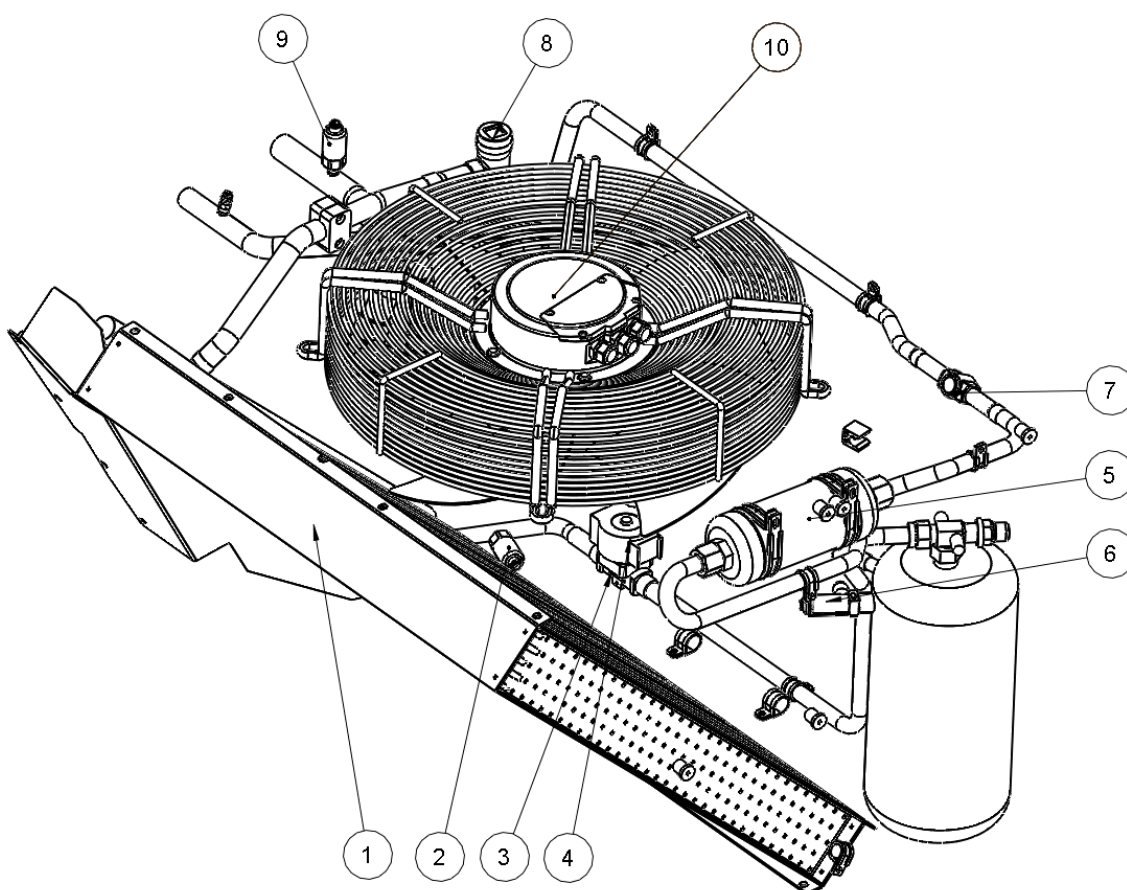
### EVAPORATOR ASSEMBLY



| ID | CODE      | SPARE PART CODE | KUVAUS                            | DESCRIPTION                 | QTY |
|----|-----------|-----------------|-----------------------------------|-----------------------------|-----|
| 1  | 200105894 | 394010003       | Kela                              | Coil                        | 1   |
| 2  | 200107090 | 394010006       | Magneettiventtiili                | Magnetic valve              | 1   |
| 3  | 200105976 | DAN0201039      | Takaiskuventtiili Ø1/2", NRVH 12s | Check valve Ø1/2", NRVH 12s | 1   |
| 4  | 200106041 | 394010022       | Kela                              | Coil                        | 1   |
| 5  | 200107225 | 391010023       | Paisuntaventtiili                 | Expansion valve             | 1   |
| 6  | 200107540 | DAN0201018      | Takaiskuventtiili Ø5/8", NRV 16S  | Check valve Ø5/8", NRV 16S  | 1   |

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|   |           |          |                                   |                                    |   |
|---|-----------|----------|-----------------------------------|------------------------------------|---|
| 7 | 200107144 | 60D498   | Lämmitysvastus 1 x 100W, L 1120mm | Heater resistor 1 x 100W, L 1120mm | 1 |
| 8 | 200107559 | 80DFL420 | Lämmitysvastus 1 x 100W, L 1040mm | Heater resistor 1 x 100W, L 1040mm | 1 |

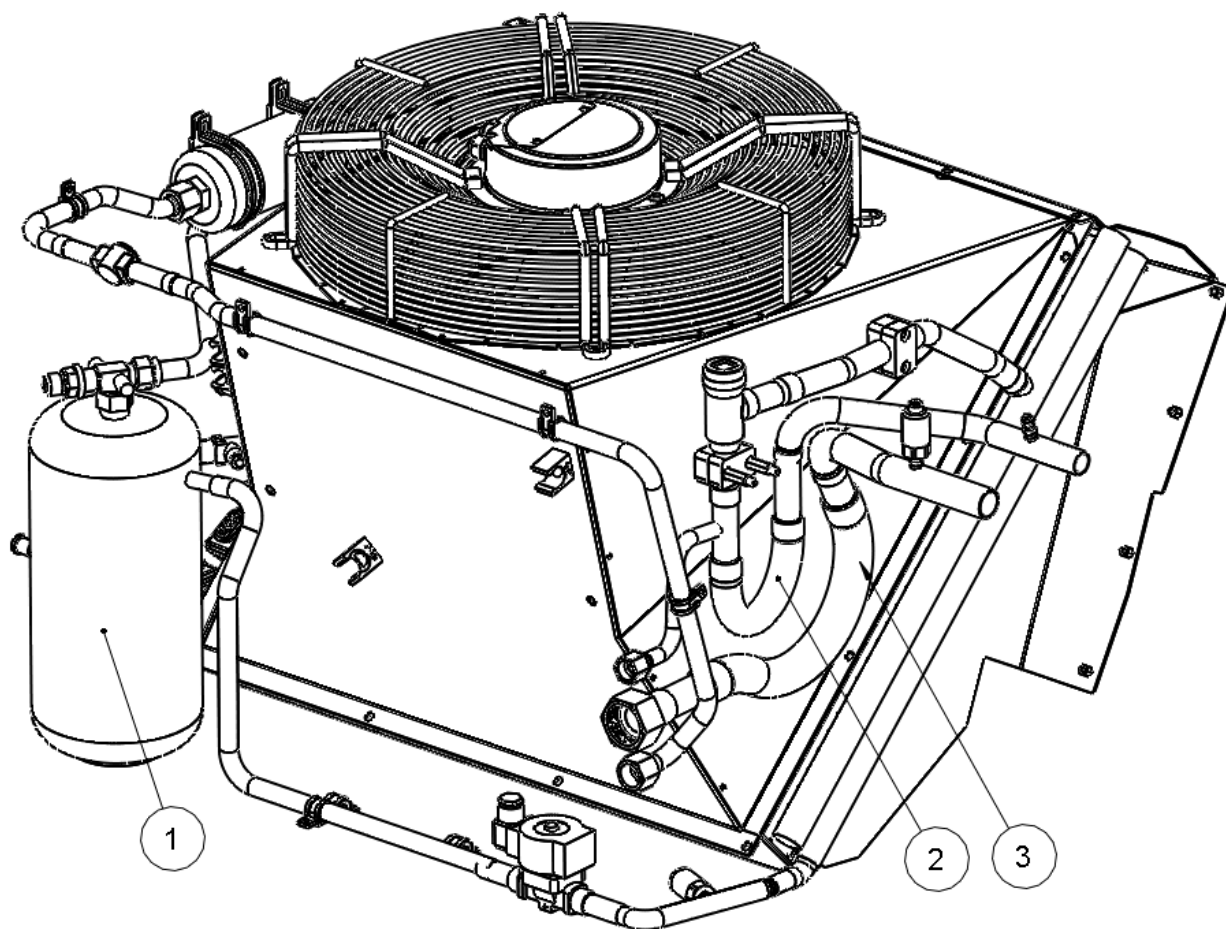
**LAUHDUTIN KOKOONPANO**
**CONDENSER ASSEMBLY**


| ID | CODE      | SPARE PART CODE | KUVAUS                   | DESCRIPTION          | QTY |
|----|-----------|-----------------|--------------------------|----------------------|-----|
| 1  | 200107138 | PR253030044     | Lauhdutin                | Condenser            | 1   |
| 2  | 200105911 | 361010039       | Painelähetin             | Pressure transmitter | 1   |
| 3  | 200108065 |                 | Magneettiventtiili       | Magnetic valve       | 1   |
| 4  | 200107162 | 394010007       | Kela                     | Coil                 | 1   |
| 5  | 200107072 | 382010008       | Kuivain (suodatin)       | Drier (filter)       | 1   |
| 6  | 200105935 | 39710004        | Varoventtiili            | Safety valve         | 1   |
| 7  | 200107201 | 392010003       | Nestelasi                | Sight glass          | 1   |
| 8  | 200105950 | DAN0201032      | Takaiskuventtiili, kulma | Check valve, angled  | 1   |
| 9  | 200105939 | 361010040       | Painelähetin 0-25 bar    | Pressure transmitter | 1   |
| 10 | 200131750 | 200131750       | Puhallin, aksiaali       | Fan, axial           | 1   |

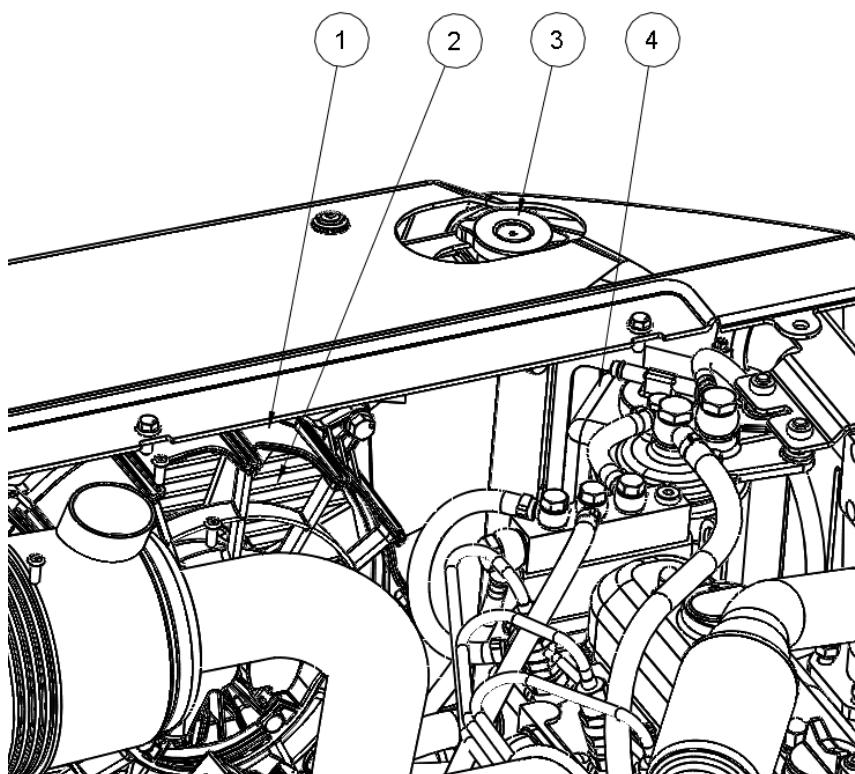
## L6 BHS

### LAUHDUTIN KOKOONPANO

### CONDENSER ASSEMBLY



| ID | CODE      | SPARE PART CODE | KUVAUS               | DESCRIPTION           | QTY |
|----|-----------|-----------------|----------------------|-----------------------|-----|
| 1  | 200107133 | 381010004       | Nestevaraaja 5,7 l   | Liquid receiver 5,7 l | 1   |
| 2  | 200174810 | L5133           | Tärinävaimenninputki | Anti vibration tube   | 1   |
| 3  | 200174798 | L5132           | Tärinävaimenninputki | Anti vibration tube   | 1   |

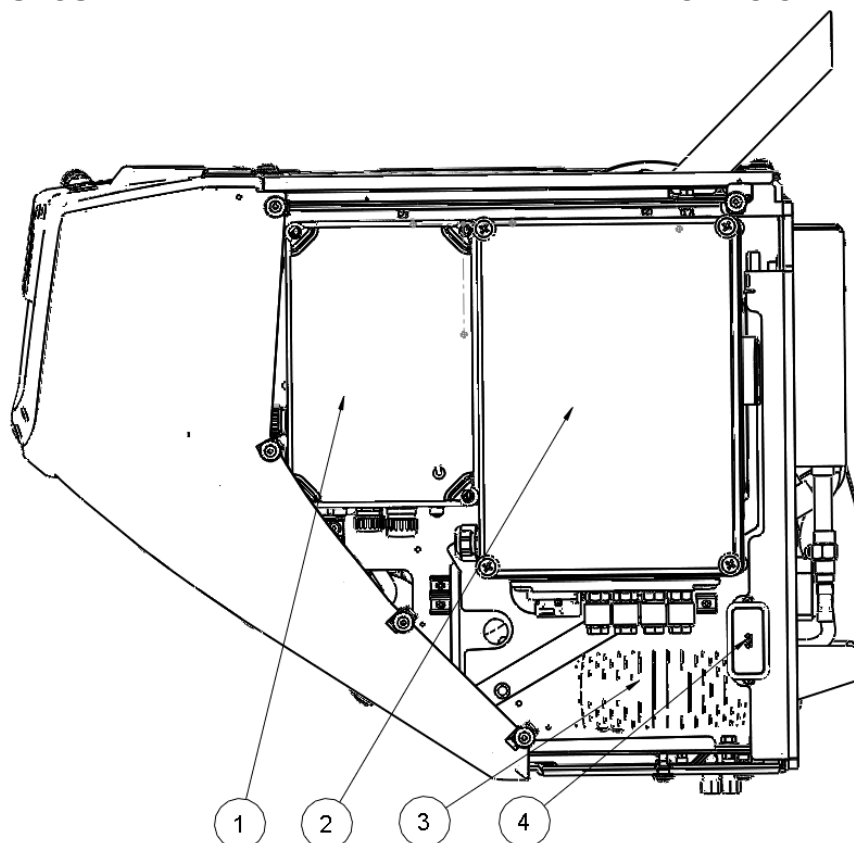
**JÄÄHDYTIN**
**RADIATOR**


| ID | CODE      | SPARE PART CODE | KUVAUS                           | DESCRIPTION                     | QTY |
|----|-----------|-----------------|----------------------------------|---------------------------------|-----|
| 1  | 200105995 | 30107089        | Puhallin, aksiaali Ø255, 12V     | Fan, axial Ø255, 12V            | 1   |
| 2  | 200155700 |                 | Jäähdytin 460 x 260 x 50 mm, Ø28 | Radiator 460 x 260 x 50 mm, Ø28 | 1   |
| 3  | 200300583 |                 | Jäähdytin korkki                 | Radiator cap                    | 1   |
| 4  | 200105933 | PR241030387     | Ylivuotoastia                    | Coolant resreve tank            | 1   |

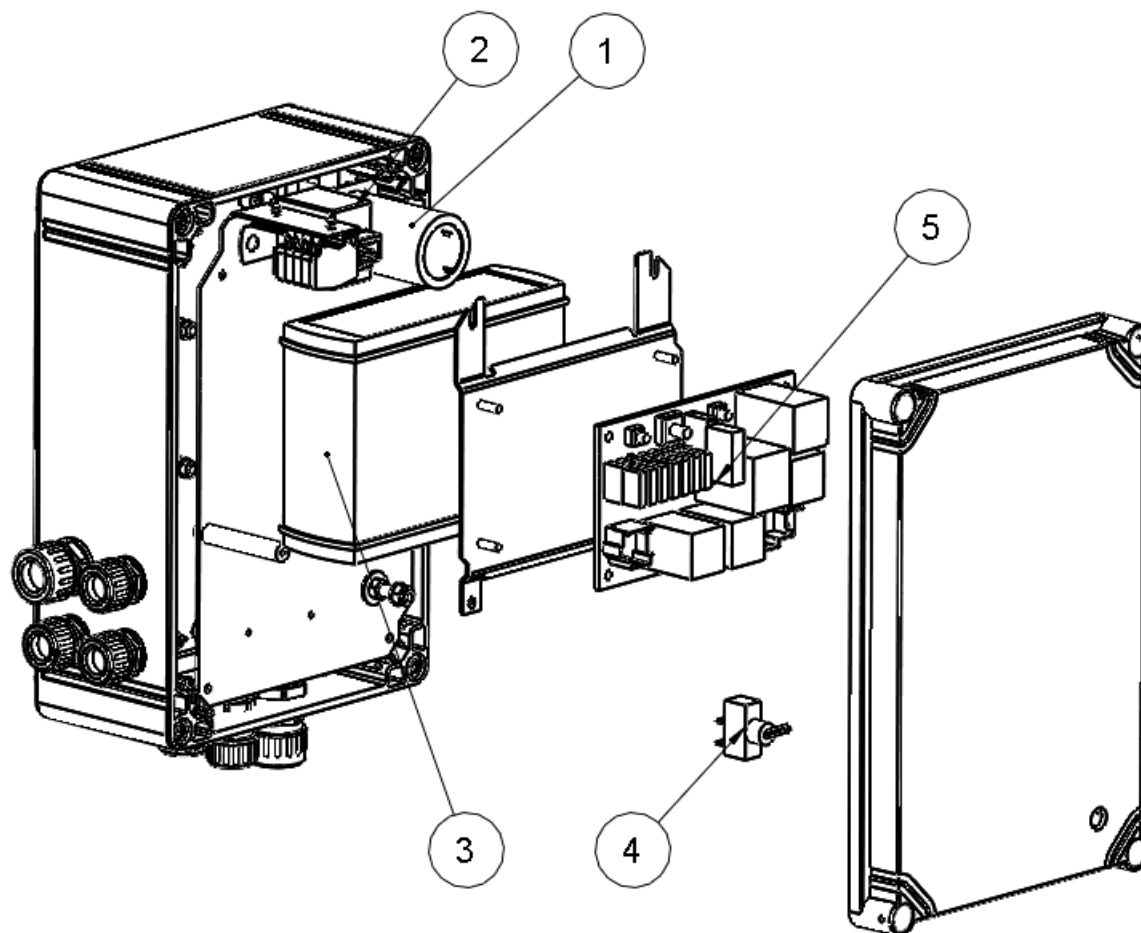
## L6 BHS

### SÄHKÖKESKUS

### ELECTRIC CENTER



| ID | CODE      | SPARE PART CODE | KUVAUS                | DESCRIPTION        | QTY |
|----|-----------|-----------------|-----------------------|--------------------|-----|
| 1  | 200106071 | PR1000030000    | Sähkökeskus 12V       | Switchboard 12V    | 1   |
| 2  | 200154388 | 253800P2        | Sähkökeskus 400Vac    | Switchboard 400Vac | 1   |
| 3  | 200105938 | 57110006        | Akkulaturi 12Vdc / 7A | Battery charger    | 1   |
| 4  | 200105897 | 59510002        | Jakorasia             | Junction box       | 1   |

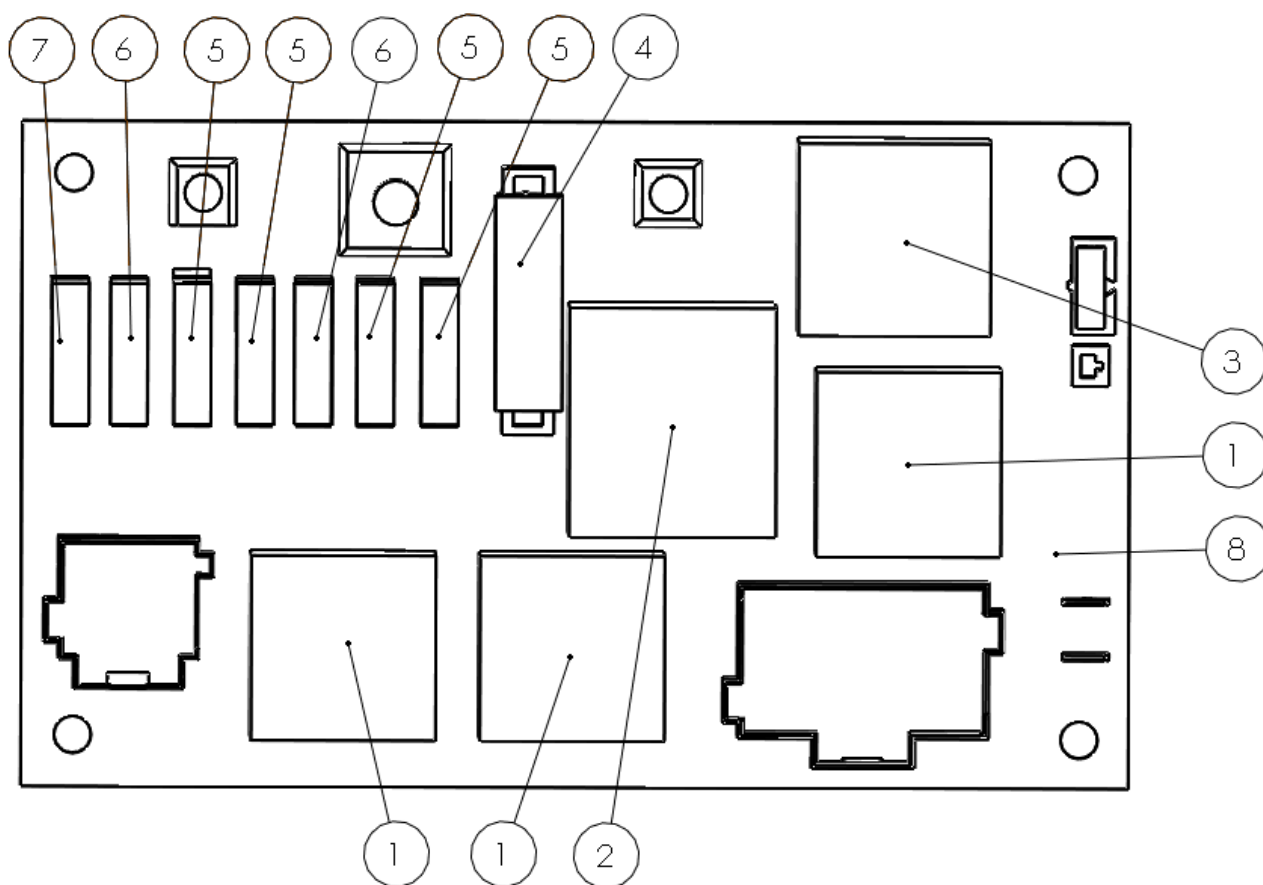


| ID | CODE      | SPARE PART CODE | KUVAUS                  | DESCRIPTION             | QTY |
|----|-----------|-----------------|-------------------------|-------------------------|-----|
| 1  | 200106075 | 57420012        | Kondensaattori          | Capacitor 47000µF, 25V  | 1   |
| 2  | 200106173 | 264701          | Riviliitin              | Terminal block          | 4   |
| 3  | 200105959 | 5751000         | Ohjainyksikkö IO-box    | Control unit IO-box     | 1   |
| 4  | 200106033 | ME93A403E       | Vipukytkin 15A, 230V    | Toggle switch 15A, 230V | 1   |
| 5  | 200110552 | 57020021        | Elektroniikkakortti 12V | Circuit board 12V       | 1   |

## L6 BHS

ELEKTRONIIKKAKORTTI 12 V

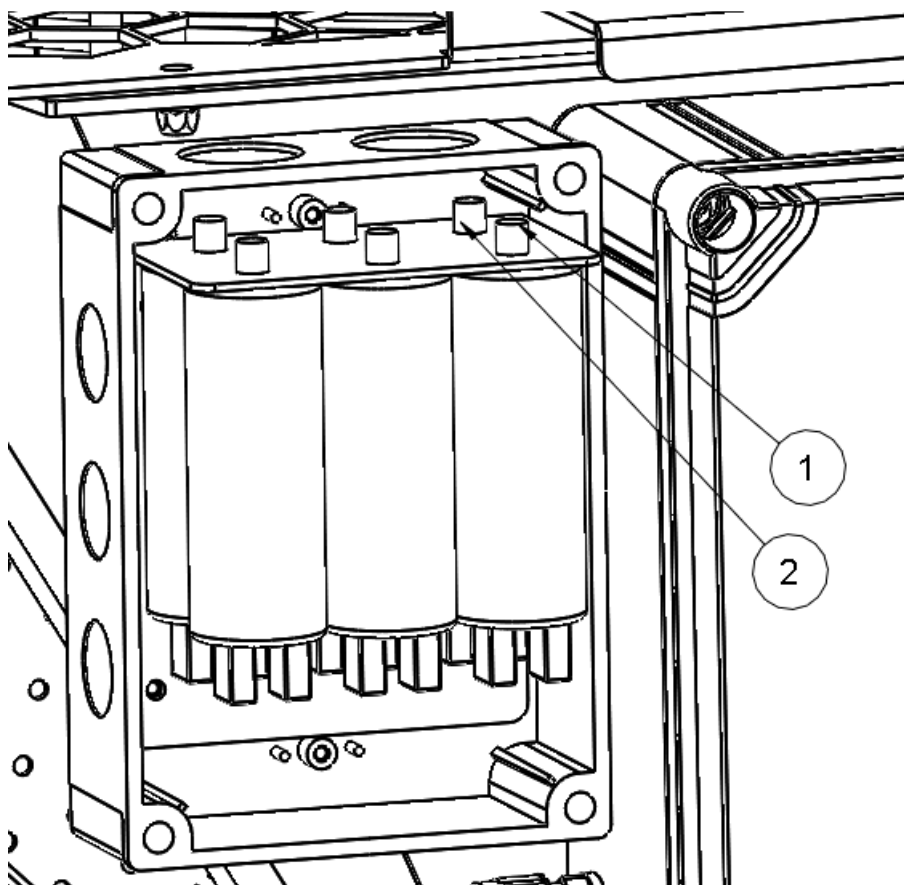
CIRCUIT BOARD 12V



| ID | CODE      | SPARE PART CODE | KUVAUS                  | DESCRIPTION       | QTY |
|----|-----------|-----------------|-------------------------|-------------------|-----|
| 1  |           | ALF0332204101   | Rele 12V                | Relay 12V         | 3   |
| 2  |           | 57020026        | Rele 12V 70A            | Relay 12V 70A     | 1   |
| 3  |           | 57020024        | Summeri                 | Buzzer            | 1   |
| 4  |           | 56550009        | Sulake 50A              | Fuse 50A          | 1   |
| 5  |           | 56550006        | Sulake 15A              | Fuse 15A          | 4   |
| 6  |           | 56550005        | Sulake 10A              | Fuse 10A          | 2   |
| 7  |           | 56550015        | Sulake 3A               | Fuse 3A           | 1   |
| 8  | 200110552 | 57020021        | Elektroniikkakortti 12V | Circuit board 12V | 1   |

**KONDENSAATTORI**

**CAPACITOR**

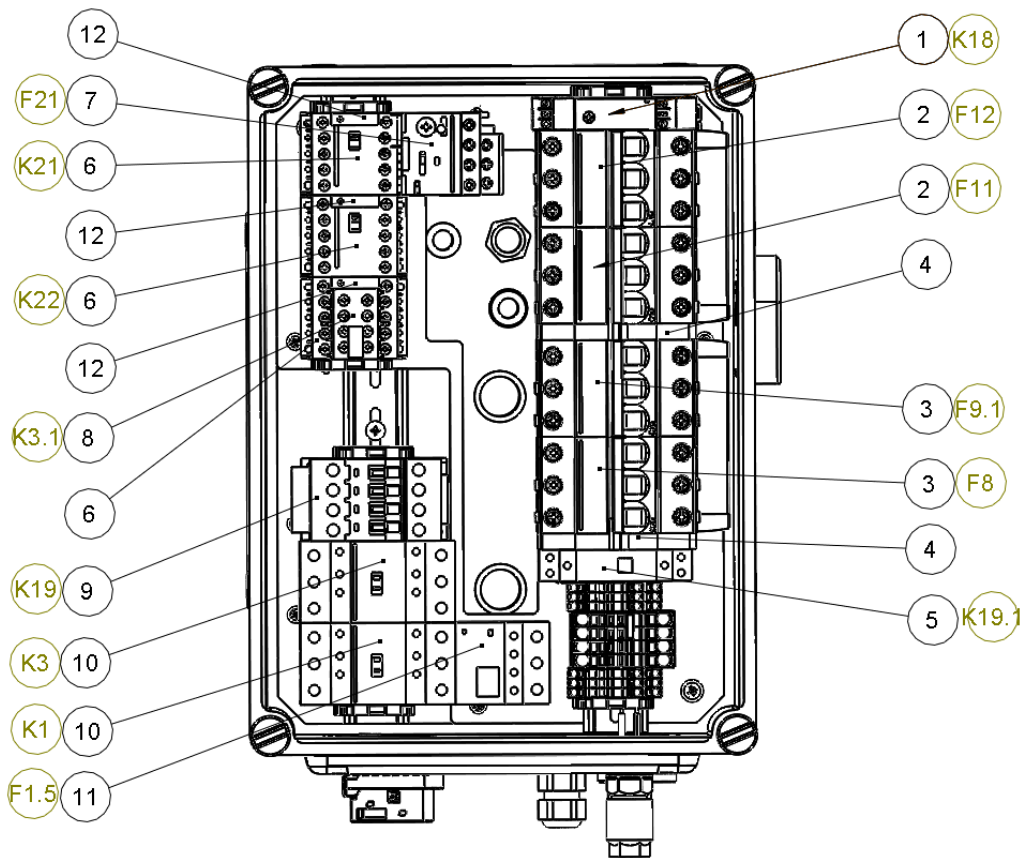


| ID | CODE      | SPARE PART CODE | KUVAUS                    | DESCRIPTION          | QTY |
|----|-----------|-----------------|---------------------------|----------------------|-----|
| 1  | 200107677 | NOK8            | Kondensaattori 8 $\mu$ F  | Capacitor 8 $\mu$ F  | 3   |
| 2  | 200301062 | NOK20           | Kondensaattori 20 $\mu$ F | Capacitor 20 $\mu$ F | 3   |

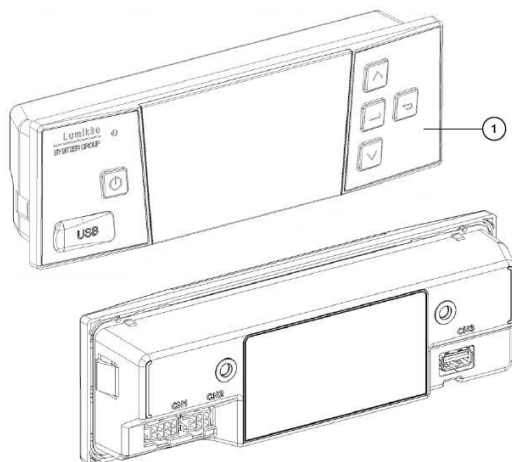
## L6 BHS

SÄHKÖKESKUS 400 V

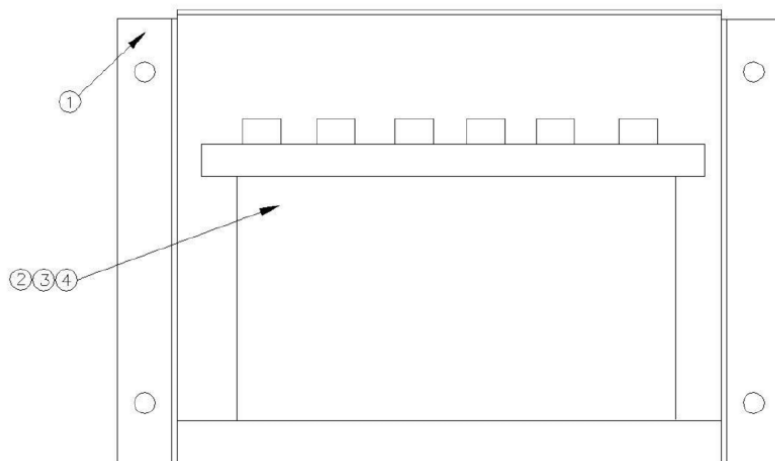
ELECTRIC CENTER 400 V



| ID | CODE      | SPARE PART CODE | KUVAUS                                            | DESCRIPTION                                             | QTY |
|----|-----------|-----------------|---------------------------------------------------|---------------------------------------------------------|-----|
| 1  | 200107455 | 54010001        | Rele, vaihevahti                                  | Relay, phase control                                    | 1   |
| 2  | 200154361 | 56350007        | Johdonsuojakatkaisija 3P, C, 10A, 6kA             | Circuit breaker 3P, C, 10A, 6kA                         | 2   |
| 3  | 200154362 | 56350008        | Johdonsuojakatkaisija Acti 9 iC60, 10 A / 60 kA   | Circuit breaker Acti 9 iC60, 10 A / 60 kA               | 2   |
| 4  | 200106178 | 54230012        | Apukosketin                                       | Auxiliary contact                                       | 2   |
| 5  | 200107588 | 54110013        | Rele 12V 20A 250v                                 | Relay 12V 20A 250v                                      | 1   |
| 6  | 200106046 | 54110012        | Kontaktori 3P, 3NO, 690Vac, 440V, 12A, 12Vdc      | Contactor 3P, 3NO, 690Vac, 440V, 12A, 12Vdc             | 3   |
| 7  | 200107337 | 54210016        | Rele, lämpö 0,8 - 1,2A                            | Relay, thermal overload                                 | 1   |
| 8  | 200105788 | 54120008        | Apukosketin 4 NC, 690Vac, 400Hz, min.5mA, min.17V | Auxiliary contact 4 NC, 690Vac, 400Hz, min.5mA, min.17V | 1   |
| 9  | 200107582 | OK1W22          | Suunnanvaihtokontaktori, 11 kW                    | Reversing contactor, 11 kW                              | 1   |
| 10 | 200107058 | 54110017        | Kontaktori 12V DC 11KW/400V 15HP/480V             | Contactor 12V DC 11KW/400V 15HP/480V                    | 2   |
| 11 | 200108470 | 54210025        | Rele, lämpö 23 - 32 A                             | Relay, thermal overload                                 | 1   |
| 12 | 200108614 | 54110030        | Diodi                                             | Diode                                                   | 3   |

**KÄYTTÖPANEELI LC3UP**
**USER PANEL LC3UP**


| ID | CODE | SPARE PART CODE | KUVAUS              | DESCRIPTION      | QTY |
|----|------|-----------------|---------------------|------------------|-----|
| 1  |      | PR243030100     | Käyttöpaneeli LC3UP | User panel LC3UP | 1   |
| 2  |      |                 | Can- väyläkaapeli   | Can- bus cable   | 1   |
| 3  |      |                 | Adapteri            | Adapter          | 1   |

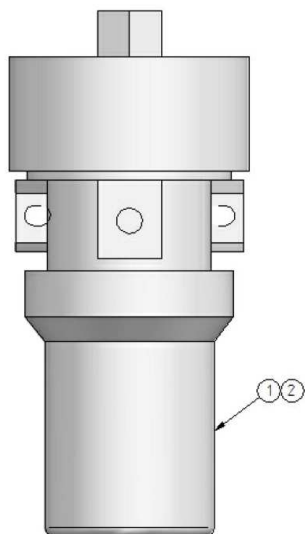
**AKKU**
**BATTERY**


| ID | CODE | SPARE PART CODE | KUVAUS           | DESCRIPTION        | QTY |
|----|------|-----------------|------------------|--------------------|-----|
| 1  |      | 200211808       | Akkukotelo+kansi | Battery case+ lock | 1   |
| 2  |      | 479010009       | Akku             | Battery            | 1   |
| 3  |      | K25P            | Akkukenkä + napa | Cable clip + pole  | 1   |
| 4  |      | K25M            | Akkukenkä + napa | Cable clip + pole  | 1   |

## L6 BHS

### POLTOAINEPUMPPU

### FUEL PUMP



| ID | CODE | SPARE PART CODE | KUVAUS           | DESCRIPTION | QTY |
|----|------|-----------------|------------------|-------------|-----|
| 1  |      | 48522           | Polttoainepumppu | Fuel pump   | 1   |
| 2  |      | 446010016       | Liitin           | Connector   | 2   |

### MUUT OSAT

### OTHER PARTS

| ID | CODE | SPARE PART CODE | KUVAUS               | DESCRIPTION            | QTY |
|----|------|-----------------|----------------------|------------------------|-----|
| 1  |      | 80DFL728        | Suojakouru           | Casting tube,U -form   | 1   |
| 2  |      | JKJ10           | Lämmitysroikka 3x15  | Cable for heating 3x15 | 1   |
| 3  |      | JKJ40           | Liitinroikka 5 x 32A | Service line 5x 32A    | 1   |
| 4  |      | LU53504         | Polttoainelämmitin   | Fuel heater            | 1   |





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