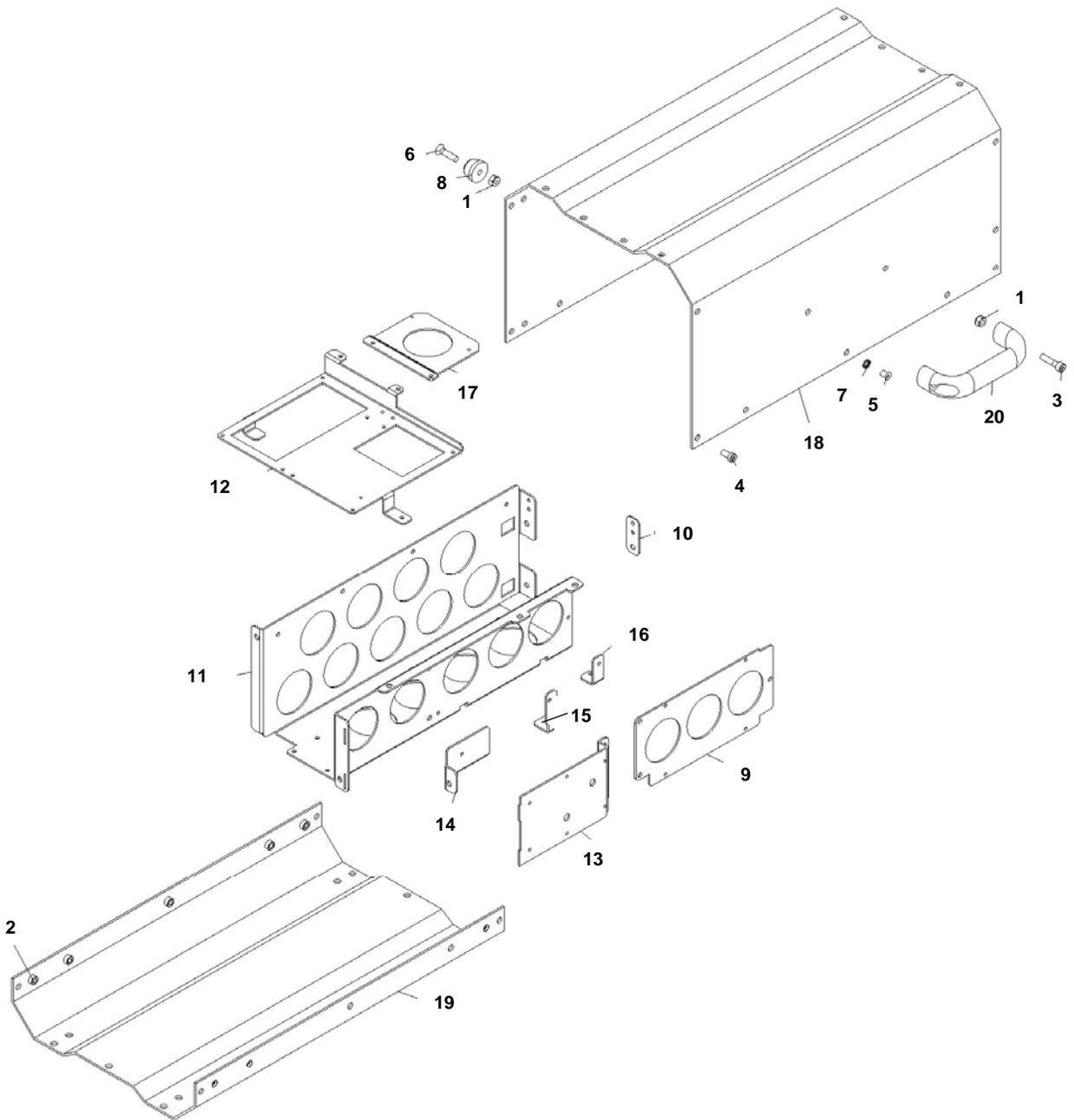


Spare parts list Pentpak 418 / 422



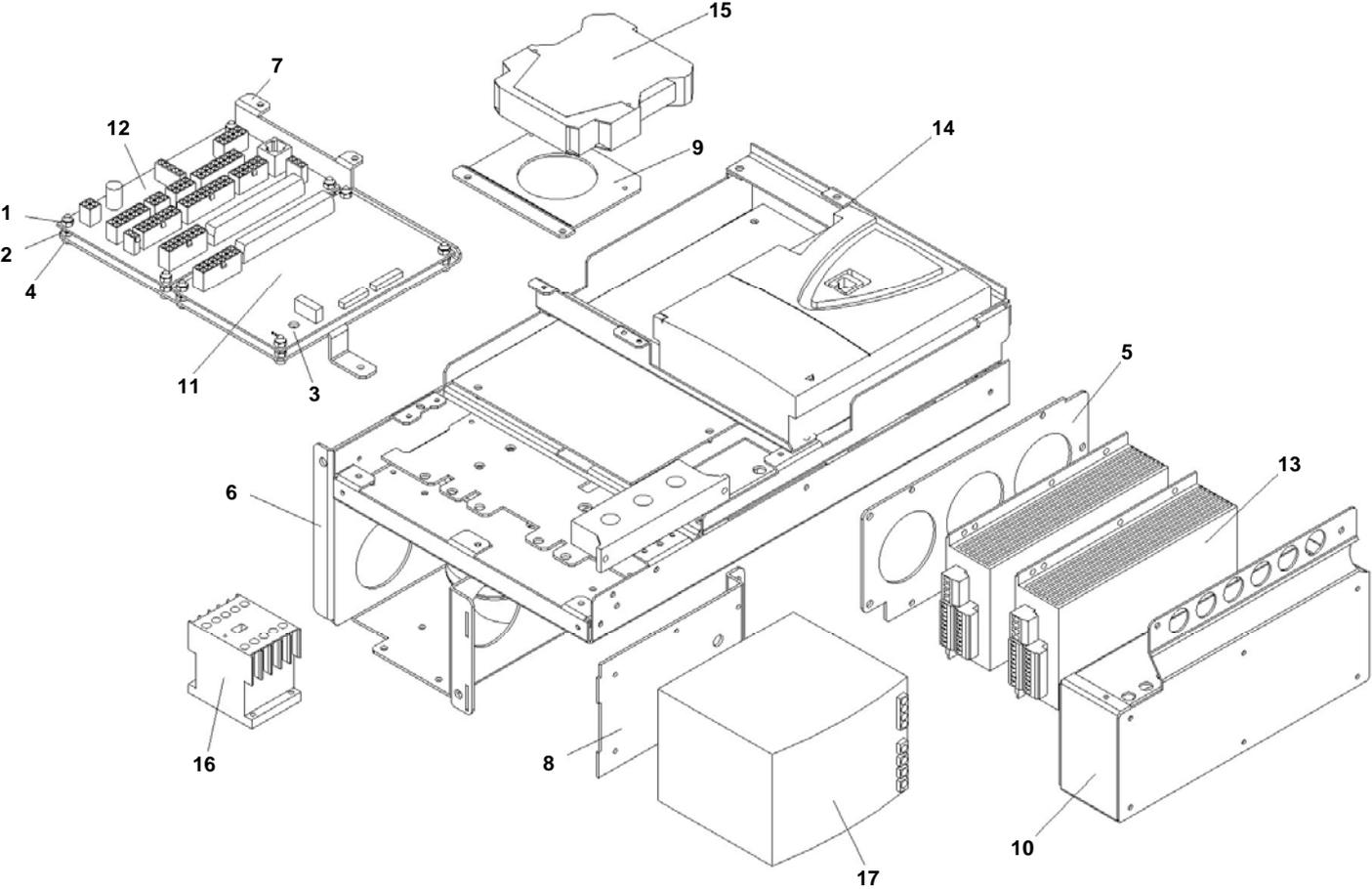
Sheet metal parts



Sheet metal parts

Pos.	Qty	Part number	Description
418-422-A1	4	12070106	Locking nut
418-422-A2	8	12070606	Insert nut
418-422-A3	2	121006025-8.8FZ	Allen screw
418-422-A4	23	121206012-8.8FZ	Allen screw
418-422-A5	2	121906008-10.9FZ	Allen screw extra low head
418-422-A6	4	123006025-10.9FZ	Allen screw countersunk
418-422-A7	2	23206710	Dowty washer
418-422-A8	4	25150100	Rubber
418-422-A9	1	46353900	Bracket Servo PP422
418-422-A10	1	46354000	Bracket rubber mounting
418-422-A11	1	46356800	Chassi profile PP422
418-422-A12	1	46357100	PP422/418 Bracket ECU and Interface
418-422-A13	1	46357300	Bracket 10A power supply PP422
418-422-A14	1	46357400	Bracket fan
418-422-A15	1	46357600	Bracket left Current transformer
418-422-A16	1	46357500	Bracket right Current transformer
418-422-A17	1	46358000	Bracket Safety relay
418-422-A18	1	49500300	Casing profile front PP422
418-422-A19	1	49500400	Casing profile bottom PP422
418-422-A20	1	53011000	Handle black

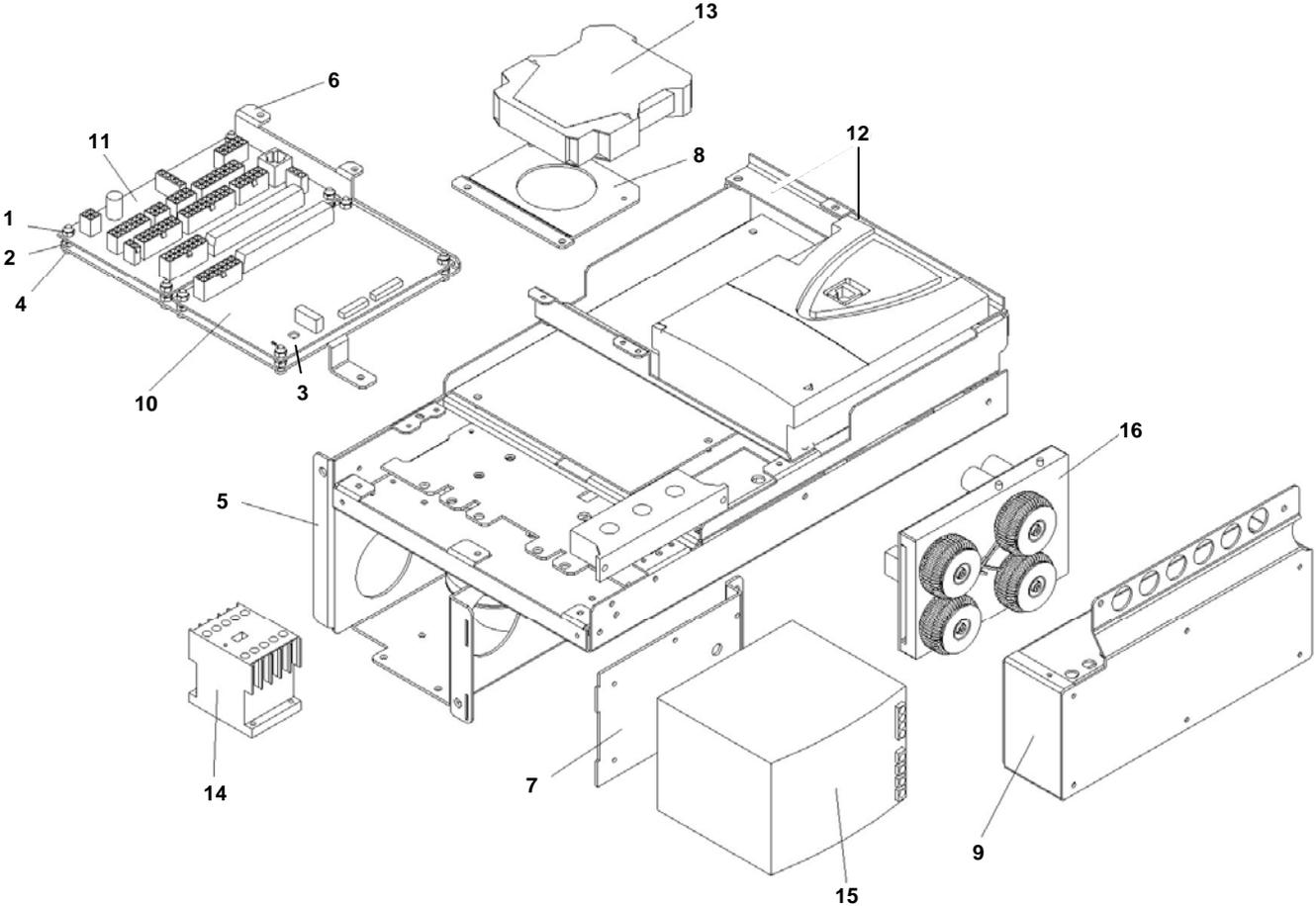
Internal parts



Internal parts

Pos.	Qty	Part number	Description
418-422-B1	8	12070104	Nut Locking
418-422-B2	16	12070204	Nut normal height
418-422-B3	1	121003006-8.8Fz	Allen screw
418-422-B4	8	121004016-8.8FZ	Allen screw
418-422-B5	1	46353900	Bracket Servo PP422
418-422-B6	1	46356800	Chassi profile PP422
418-422-B7	1	46357100	PP422 Bracket ECU and Interface
418-422-B8	1	46357300	Bracket 10A Power supply PP422
418-422-B9	1	46358000	Bracket Safety relay
418-422-B10	1	46359001	EMC-filter PP422 cpl
418-422-B11	1	64031501	Control card PP422 / PP222
418-422-B11	1	64031701	Control card PP418
418-422-B12	1	64031601	Interface card PP422 / 418
418-422-B13	2	640321000	DC-Servo amplifier
418-422-B14	1	64033422	Frequency inverter
418-422-B15	1	64051000	Safety module
418-422-B16	1	64163100	Contaktor
418-422-B17	1	64345410	Power supply 360-500V/24V 10A

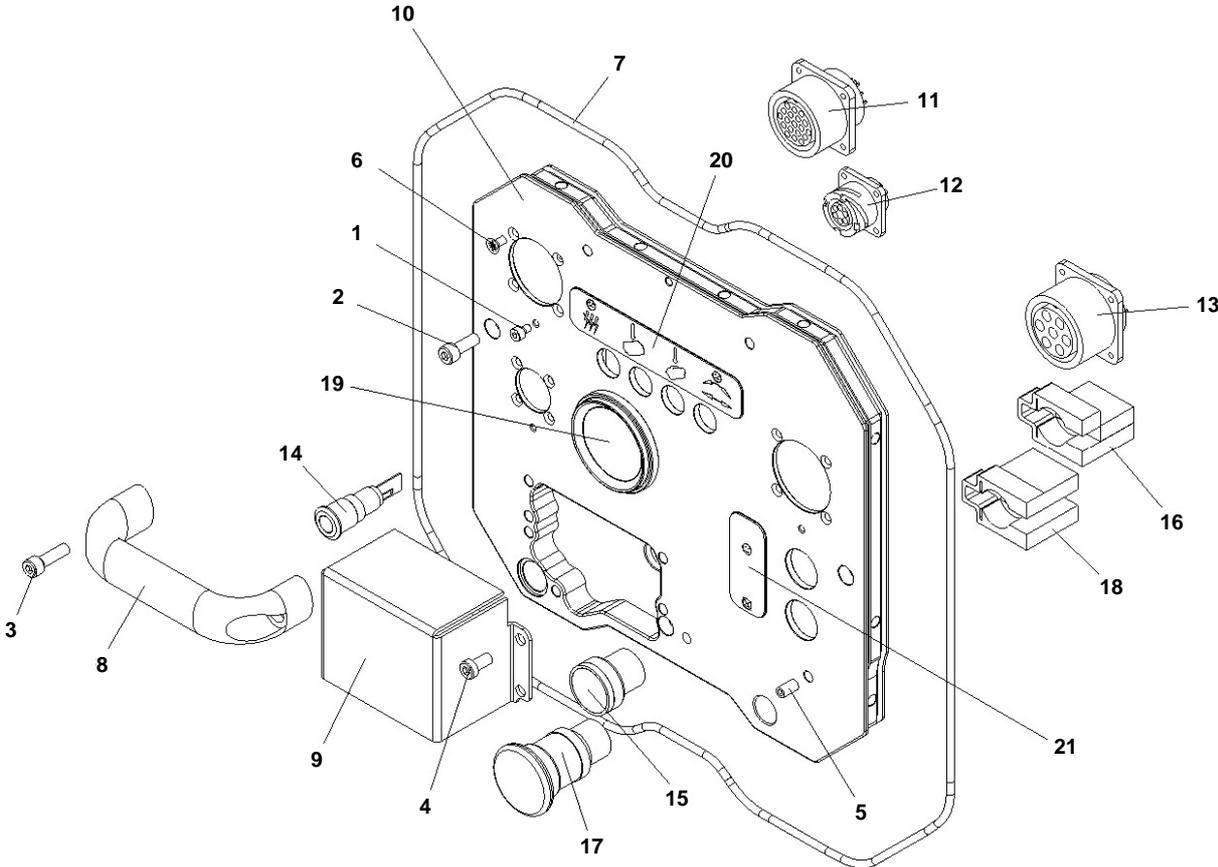
Internal parts with new Unjo servo



Internal parts with new Unjo servo

Pos.	Qty	Part number	Description
418-422-C1	8	12070104	Nut Locking
418-422-C2	16	12070204	Nut normal height
418-422-C3	1	121003006-8.8FZ	Allen screw
418-422-C4	8	121004016-8.8FZ	Allen screw
418-422-C5	1	46356800	Chassi profile PP422
418-422-C6	1	46357100	PP422 Bracket ECU and Interface
418-422-C7	1	46357300	Bracket 10A Power supply PP422
418-422-C8	1	46358000	Bracket Safety relay
418-422-C9	1	46359001	EMC-filter PP422 cpl
418-422-C10	1	64031501	Control card PP422 / PP222
418-422-C10	1	64031701	Control card PP418
418-422-C11	1	64031601	Interface card PP422 / 418
418-422-C12	1	64033422	Frequency inverter
418-422-C13	1	64051000	Safety module
418-422-C14	1	64163100	Contaktor
418-422-C15	1	64345410	Power supply 360-500V/24V 10A
418-422-C16	1	64888501	Unjo servo cpl

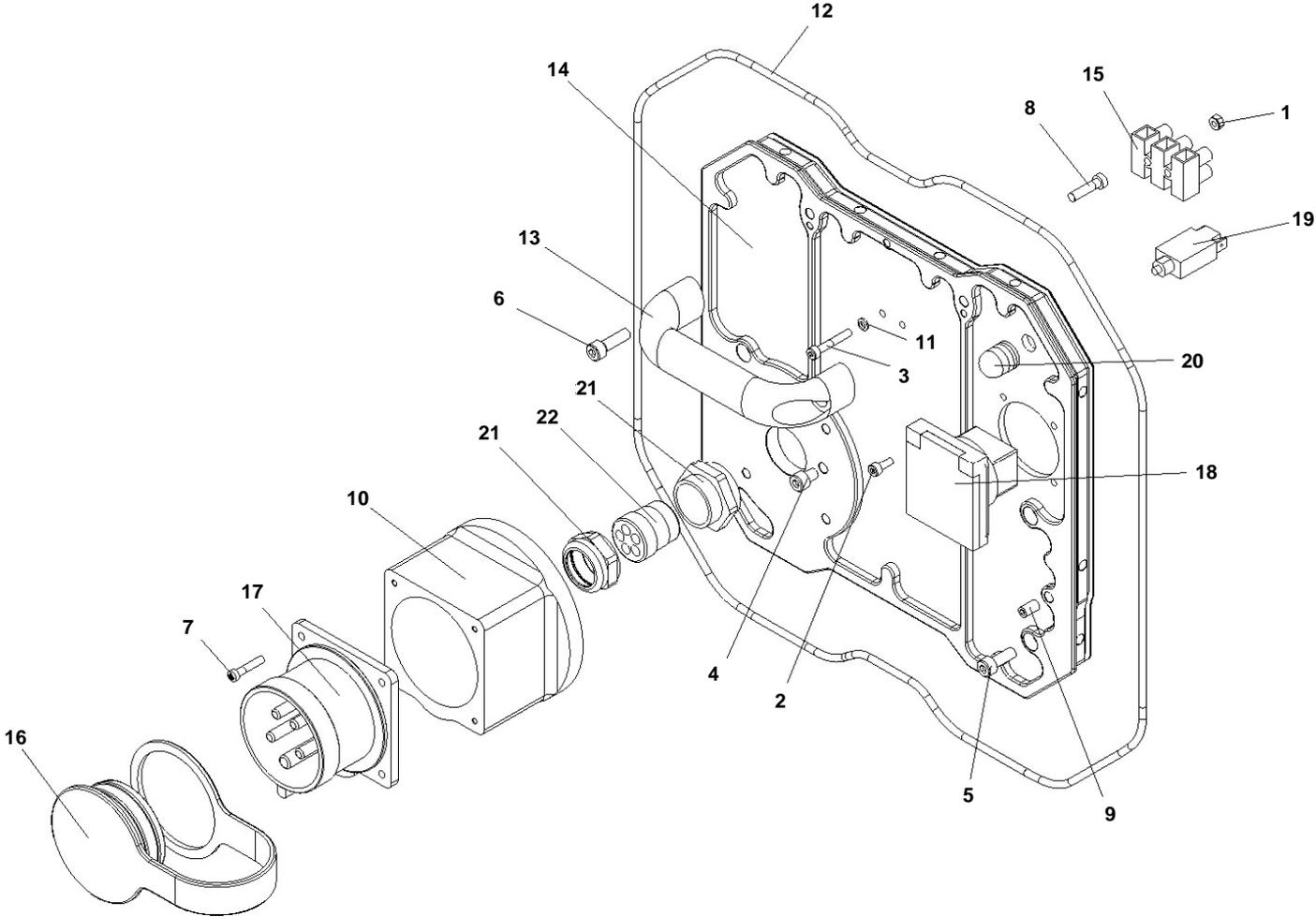
Cover low voltage side



Cover low voltage side

Pos.	Qty	Part number	Description
418-422-D1	3	121004006-8.8FZ	Allen screw
418-422-D2	3	121006016-8.8FZ	Allen screw
418-422-D3	2	121006020-8.8FZ	Allen screw
418-422-D4	4	121206012-8.8FZ	Allen screw
418-422-D5	2	122906010	Grub screw
418-422-D6	12	123104008	Pozidrive
418-422-D7	1	52072100	Silicone hose
418-422-D8	1	53011000	Handle black
418-422-D9	1	57410300	Housing water valve PP415/422
418-422-D10	1	58355200	Cover 22 kW HF-power pack low voltage side
418-422-D11	1	64024500	Connector with cables for remote in PP422
418-422-D12	1	64024600	Connector with cables 24V in PP422
418-422-D13	1	64024700	Connector with cables 400V in PP422
418-422-D14	4	64060200	LED Red
418-422-D15	1	64180800	Push-button with green indicator
418-422-D16	1	64180900	Contact block w. LED
418-422-D17	1	64230500	Emergency stop button
418-422-D18	1	64230600	Contact block for emergency stop
418-422-D19	1	64350100	Hour meter
418-422-D20	1	98735300	Symbol plate warning lights
418-422-D21	1	98736200	Symbol plate kill switch

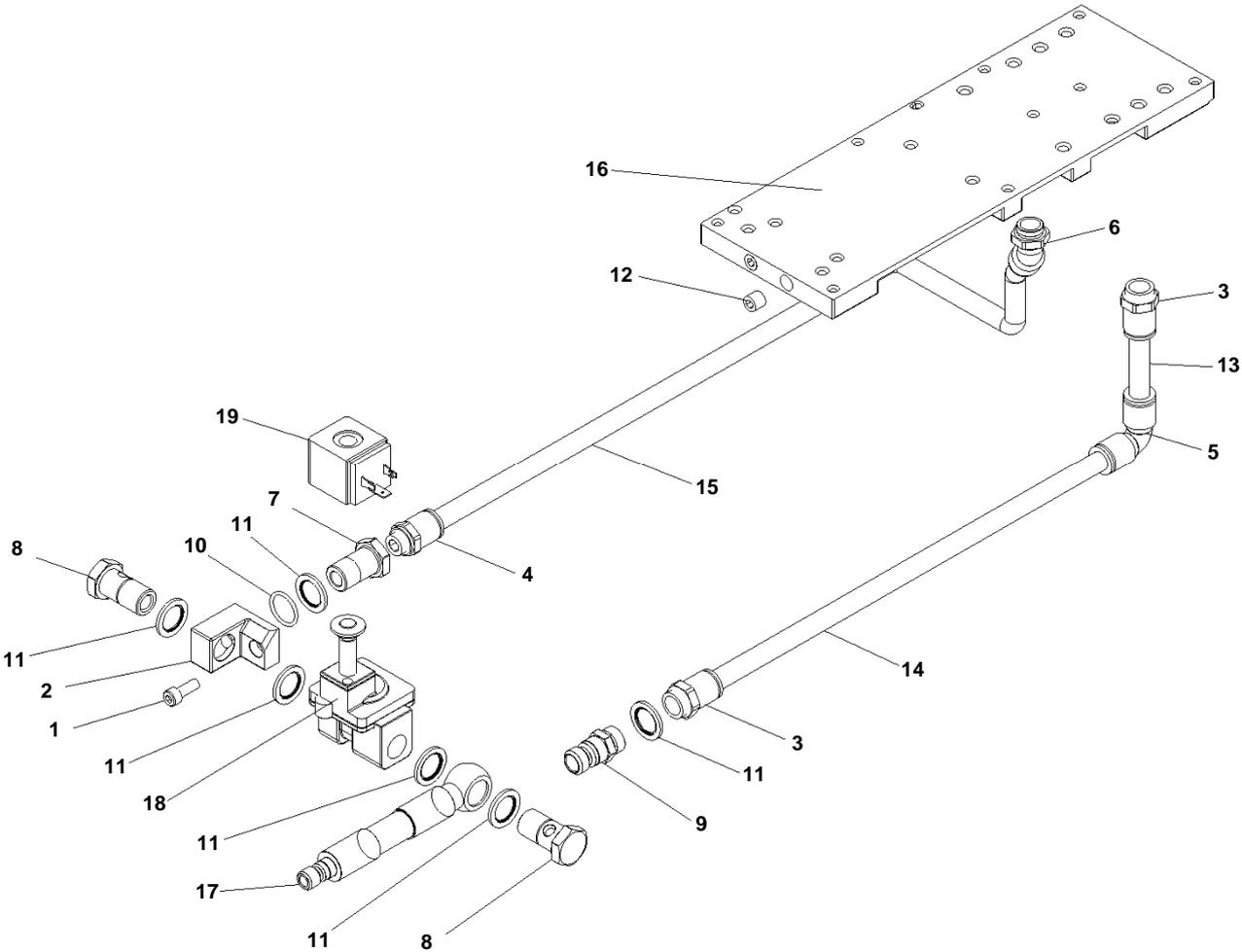
Cover high voltage side



Cover high voltage side

Pos.	Qty	Part number	Description
418-422-E1	2	12070104	Nut Locking
418-422-E2	4	121004010-8.8FZ	Allen screw
418-422-E3	2	121004025-8.8FZ	Allen screw
418-422-E4	1	121006008-8.8FZ	Allen screw
418-422-E5	3	121006016-8.8FZ	Allen screw
418-422-E6	2	121006020-8.8FZ	Allen screw
418-422-E7	4	121514020	Screw pozidrive
418-422-E8	4	121515020	Screw pozidrive
418-422-E9	1	122906010	Grub screw
418-422-E10	1	22410700	Spacer recepticle PP422
418-422-E11	2	23204510	Dowty washer
418-422-E12	1	52072100	Silicone hose
418-422-E13	1	53011000	Handle black
418-422-E14	1	58355500	Cover 22 kW HF-power pack high voltage side
418-422-E15	1	64011110	Terminal block 3-pole
418-422-E16	1	64093300	Cover intake connector 400V 32A
418-422-E17	1	64110500	Intake 32A 400 V
418-422-E18	1	64360100	Outlet 230V 10A
418-422-E19	1	64300100	Automatic fuse 10A
418-422-E20	1	64300200	Watersplash-cover aut. fuse
418-422-E21	2	64682000	Fitting M32
418-422-E22	1	64682100	Insert

Cooling system



Cooling system

Pos.	Qty	Part number	Description
PP418-422-F1	1	121006016-8.8FZ	Allen screw
PP418-422-F2	1	18040100	Manifold water PP415/422
PP418-422-F3	2	19040800	Hose nipple
PP418-422-F4	1	19040900	Hose nipple straight 1/4" hose
PP418-422-F5	1	19060900	Hose nipple
PP418-422-F6	1	19061000	Hose nipple
PP418-422-F7	1	19190100	Adapter screw
PP418-422-F8	2	19201000	Banjo screw
PP418-422-F9	1	19240400	Coupling male
PP418-422-F10	1	23120017	O-ring
PP418-422-F11	6	23200038	Dowty washer
PP418-422-F12	5	25070300	Plug 1
PP418-422-F13	1	52090112-90	Hose
PP418-422-F14	1	52090112-355	Hose
PP418-422-F15	1	52090112-550	Hose
PP418-422-F16	1	60360600	Heat sink PP422
PP418-422-F17	1	52120501	Tema coupling with hose PP415, 422
PP418-422-F18	1	60490100	Water valve without coil
PP418-422-F19	1	60490200	Coil for water-valve