

JK GLOBAL SERVICE

Ergoline

SUNANGEL

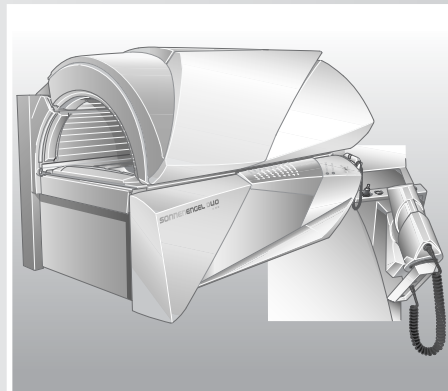
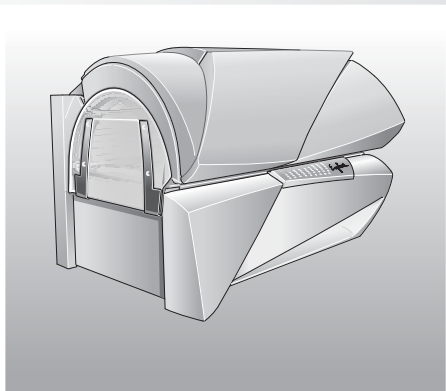
soltron

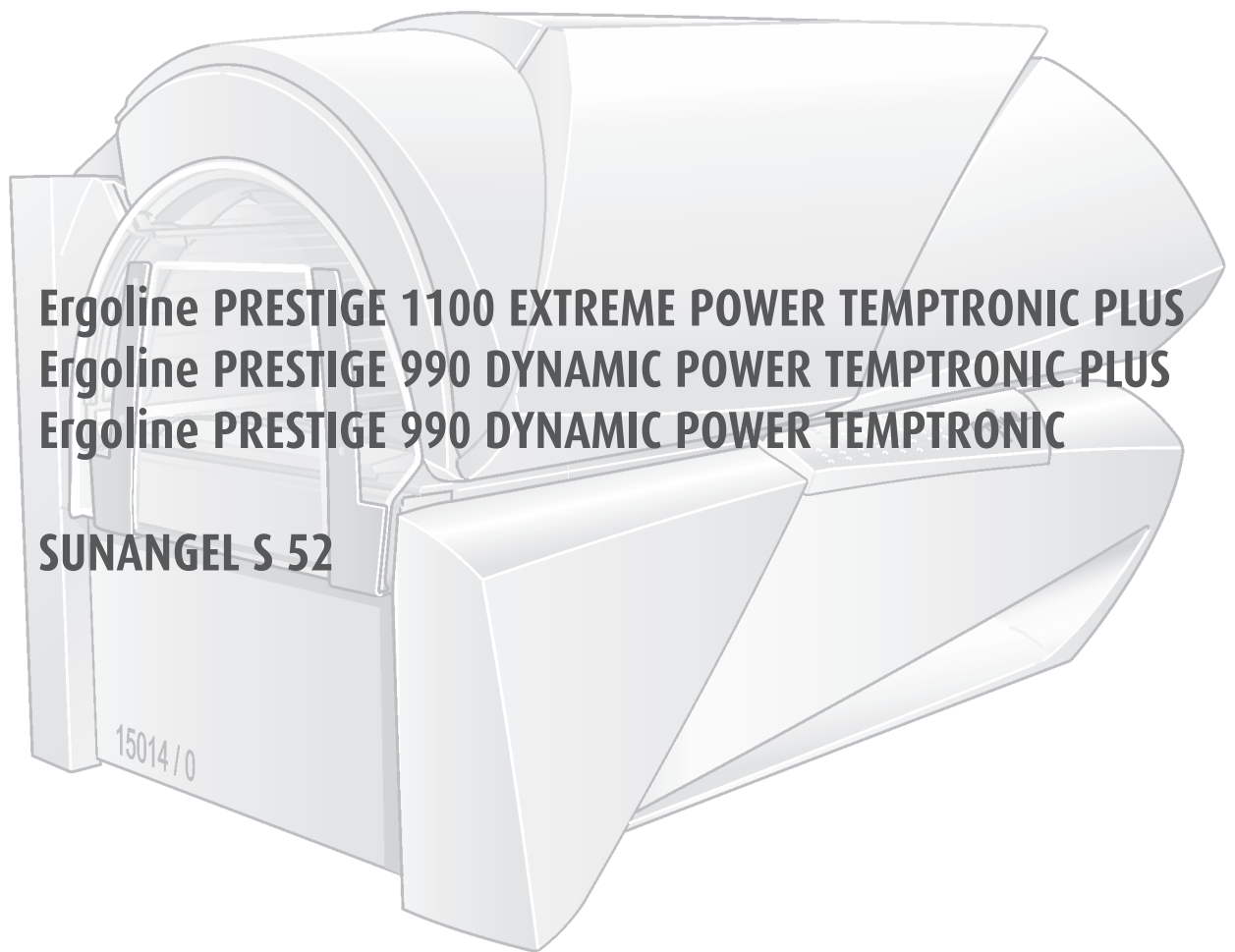
SUN DASH

**ERGOLINE
PRESTIGE SERIES**

**SUNANGEL
SUNANGEL S 52**

INSTALLATION INSTRUCTIONS





Ergoline PRESTIGE 1100 EXTREME POWER TEMPTRONIC PLUS
Ergoline PRESTIGE 990 DYNAMIC POWER TEMPTRONIC PLUS
Ergoline PRESTIGE 990 DYNAMIC POWER TEMPTRONIC

SUNANGEL S 52

15014 / 0

Installation Instructions

1002512-01 / us / 09.2012

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Contact information

Technical Service: JK Products & Services, Inc.
#1 Walter Kratz Drive
Jonesboro, AR 72401
☎ 800-445-0624 (toll-free)
📠 870-935-9046
e-mail: support@jkamerica.com
<http://support.jkamerica.com>



NOTE:

The illustrations and text apply to Ergoline and Sunangel devices, even if only one is shown.



NOTE:

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1 Important safety notes and information

1.1 Instructions pertaining to a risk of fire, electric shock, or injury to persons

WARNING – when installing this device, basic precautions should always be followed, including the following:

Read and follow all instructions.



DANGER!

DANGER – HIGH VOLTAGE!

You can be killed or injured by an electric shock!

Electricity throughout entire device!

Assembly and electrical connection must comply with national and local regulations.

- The unit may only be assembled, installed, upgraded or repaired by specially qualified personnel who have been trained by JK Global Service Division or an authorized partner.
 - Install this unit in accordance with the National Electrical Code (USA) or the Canadian Electrical Code, part I in addition to all local codes.
 - The unit must be installed indoors only.
 - Install to permit access for servicing.
 - Grounding is required.
 - A green-colored terminal (or a wire connector marked 'G', 'GR', 'Ground', or 'Grounding') is provided within the terminal compartment. To reduce the risk of electric shock, ensure that this terminal is connected to the grounding terminal of your electric service or supply panel with a conductor equivalent in size to the circuit conductors supplying this equipment.
 - The person responsible for assembling/installing the unit is obliged to release the unit for use only when completely installed with all components in working order.
 - No safety equipment (e.g. switches) or safety notes may be removed or deactivated which can impair the safe operation of the device.
 - The unit must be disconnected from any voltage source before any work is carried out on the unit (see Page 11). Exceptions are permissible only for function tests by trained personnel!
-

Electrical connection



DANGER – HIGH VOLTAGE!

You can be killed or injured by an electric shock!

DANGER!

Electricity throughout entire device!

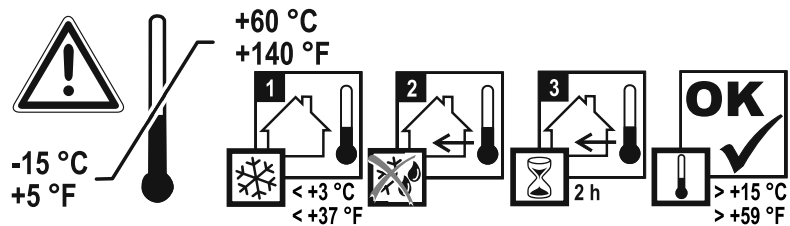
- Only an authorized specialist company is permitted to make the on-site electrical connections (equipment connection socket)!
- We recommend installing a selective RCD (Residual Current Device; nominal fault current 30 mA).
- Only one tanning device should be connected to each RCD.
- The electrical installation must have a freely accessible, all-pole isolating device (main switch) fitted externally on the site side.
- A supply line is required for each unit.
- Data and/or control lines are to be laid with a minimum distance of at least 4 in / 10 cm from the mains cables.
- The mains supply lines must be laid before the unit is installed.



CAUTION – DANGER OF DESTRUCTION!

The unit can be damaged or destroyed!

- Dismantling as well as assembly is only permitted in the sequence stipulated in this manual.
- Do not change, obstruct or block the air inflow and outflow area to the device or make any unauthorized changes to the device. The manufacturer shall bear no liability for damage or injuries resulting from such actions.
- Before putting a tanning device into operation, the transport pallet must be removed from under the device. Danger of overheating by obstruction of the air routing.



14468 / 0



CAUTION!

The device could sustain damage!

Where there are large differences in temperature between the transport route and the installation site, the device may not be put into operation immediately after being set up.

- Wait at least two (2) hours before connecting the device to the power supply.

1.2 Description of warning signs

Danger notices, damage to persons:



DANGER!

DANGER!

Type and source of danger, e.g. 'DANGER – High voltage!'

Description of the consequences, e.g. 'You can be killed or injured by an electric shock!'

Countermeasures:

- Disconnect device from power supply before opening.
- Do not reach inside with the device switched on.

Warning notices, damage to persons:



WARNING!

WARNING!

Type and source of danger, e.g. 'Warning – hot surface!'

Description of the consequences, e.g. 'You can burn your hand (skin, face)!'

Countermeasures:

- Do not touch hot parts and nearby surfaces.
- Wait until hot parts and surfaces have cooled down.

Caution notices, damage to property:



CAUTION!

The word 'Caution' with this label points out that danger for devices, materials and the environment can be expected here.

Important information:



NOTE:

This symbol does not identify safety notices, but states information for a better understanding of the processes.

2 Information for service staff

2.1 Transport and transport damage

Please inform the owner if you discover any transport damage when unpacking and installing the unit.

Please take note of the following information, so that any damage can be taken care of quickly and without any complications arising:

- Any recognizable damage must be reported in writing within a period of four (4) working days – this includes the delivery date and being received by the transport company – to the transport company that delivered the shipment.
- The resulting damage must be made good by the transport company that delivered the shipment in accordance with the general terms and conditions of the transport company. The transport risk is assumed by the person who ordered the equipment. We will fully support you in your filing of all justifiable claims with the transport company.

2.2 Ventilation

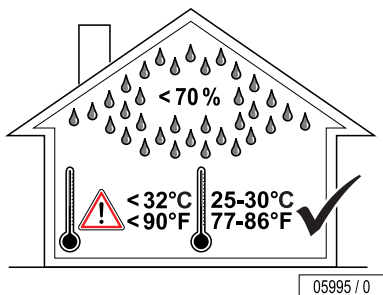


CAUTION – DANGER OF OVERHEATING!

Danger of overheating by obstruction of the air routing!

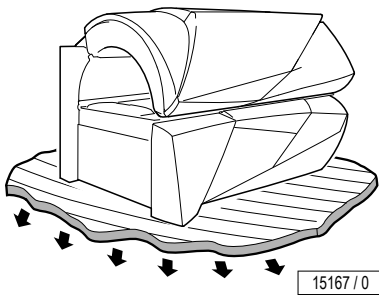
Operating faults possible.

- Do not change, obstruct or block the air inflow and outflow to the device or make any unauthorized changes to the device. The manufacturer shall bear no liability for damage or injuries resulting from such actions.
- Do not set up and operate the device on the transport pallet!
- Observe the ventilation system's requirements.



You can obtain data regarding the air supply and ventilation from your distributor or the customer service department (see page 2).

2.3 Installation location



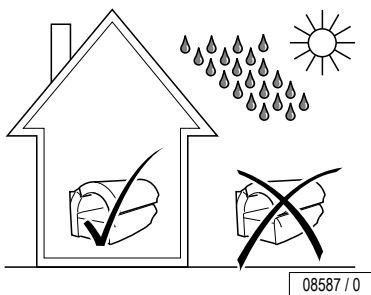
The tanning device must be installed on a flat, level surface.

When setting up professional tanning devices up to 1550 lb / 700 kg, you must ensure that floors and ceilings in areas used for industrial purposes are designed for a loading of 38.5 lb/ft² / 1840 N/m².

The load bearing capability of ceilings and joists must be sufficient. Documentation that your facility meets these requirements must be maintained.

The tanning device may not be operated outside.

For altitudes greater than 6500 ft / 2000 m above sea level a conversion must be carried out to ensure trouble-free operation. Please contact Customer Service (see Page 2) before carrying out the conversion and starting up the unit for the first time.



2.4 Maintenance



EXTREME DANGER – HIGH VOLTAGE!

You can be killed or injured by an electric shock!

DANGER!

Disconnect the device from the power supply when performing maintenance work requiring opening of the device. See Page 11.

Return any protective devices (e.g. acrylics) to original working order after finishing maintenance.

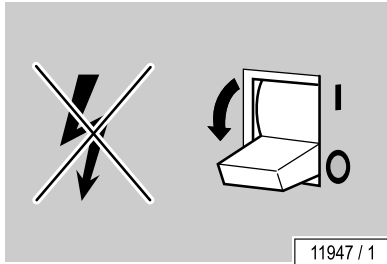
Please note that the device must be inspected regularly by our customer service or an approved specialized company every 12 months (from date of installation) to maintain its proper condition.



CAUTION!

Use only OEM parts of the same type! The use of other parts may limit or void your manufacturer's warranty. JK Products and Services, its parent company, and affiliates are not liable in the case of damage or injury proven to be the result of the use of non-genuine spare parts.

2.5 Power OFF device and secure against being switched on again



11947 / 1



DANGER!

EXTREME DANGER!

The device must be powered off before any work is performed.

Switching off the device alone is insufficient, as certain points may remain energized. Therefore, switch off breakers before performing any work.



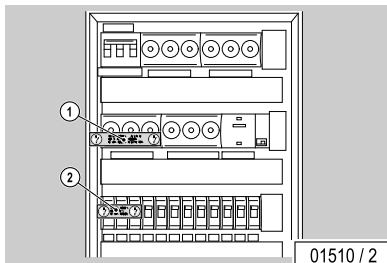
DANGER!

EXTREME DANGER!

Severe accidents can occur if the device is mistakenly switched on again.

Immediately after powering off, secure all switches or fuses used against being accidentally switched on again.

- Lock the fuse box with a padlock.



01510 / 2

A strip of adhesive tape with the wording 'DANGER do not switch ON!' may be applied over the actuation levers of circuit breakers which cannot be removed (1 + 2).



01511 / 1

A prohibition sign with the wording: 'Work in progress!'

- 'Place::!'
- 'Sign may only be removed by:!'

must always be securely displayed immediately.



DANGER!

EXTREME DANGER!

Prohibition signs must not be hung on or touch live parts.

3 Information for dismantling and assembly

3.1 Tools and equipment

The following tools are required for the dismantling / assembly work:

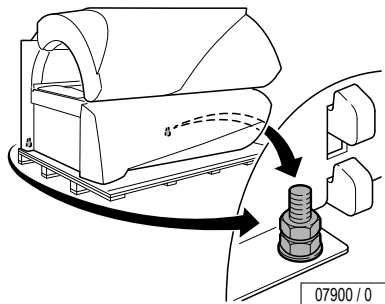
- No. 2 Philips screwdriver
- Battery-powered screwdriver
- 13 and 17 mm double open-ended wrenches
- 4 mm Allen key (Ergoline key 84500, 83828)
- Ratchet wrench with PHZ-bit 2
- Size 2 flat-bladed screwdriver
- Support aid rear wall (701529)
- Canopy bag (190000130)
- Support for tray (75340)
- Faceplate protection cover (190000170)
- Protection cover (10360155, 15400088)
- Lengthening piece (15720613)
- Trolley

4 Dismantling

This section describes the steps for dismantling in detail.

At least four (4) fitters are required for the dismantling.

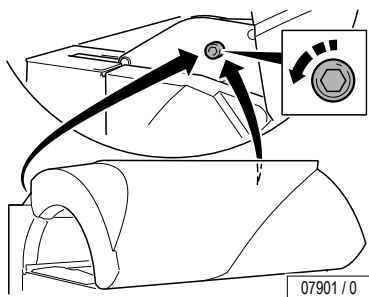
4.1 Removing the transport locks



Bottom transport locks:

- Remove transport film.
- Undo the nuts on the rear side of the device.
- Remove the securing bolts in a downwards direction.

Tool: 17 mm double open-ended wrench



Canopy transport locks:



CAUTION!

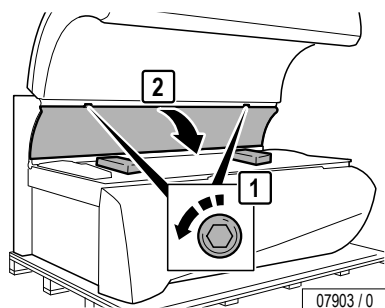
The canopy transport locks must be kept for further use!

- Do not discard!

- Undo the screws and nuts of the canopy transport locks.
- Remove the screws and nuts.

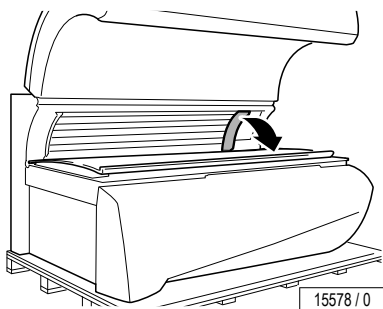
Tool: 4 mm Allen key

4.2 Dismantling the acrylic panel and side panel

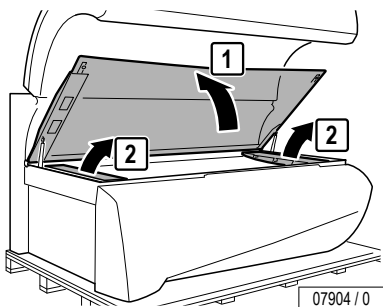


- Use a pad to prevent the panels from being scratched.
- Loosen the screws of the side panel.
- Open the side panel.

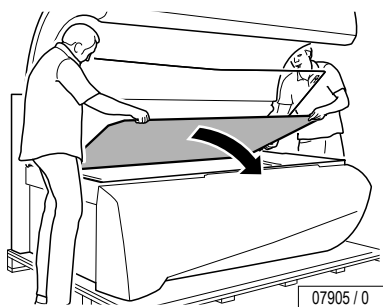
Tool: 4 mm Allen key



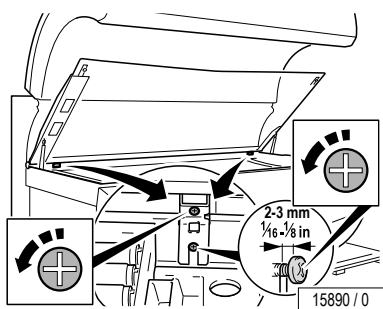
- Remove the lamp cover.



- Open the acrylic panel.
- Remove the lamp covers.



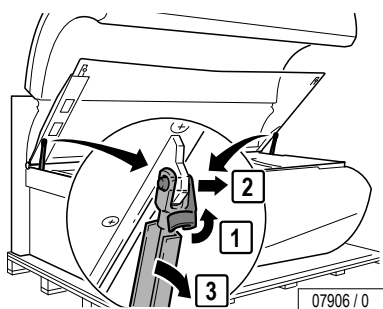
- Take out the intermediate panel.



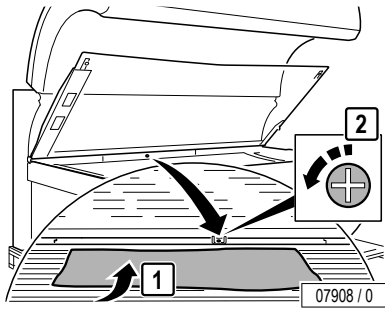
On both sides:

- Loosen the lower screw.
- Remove the upper screw.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

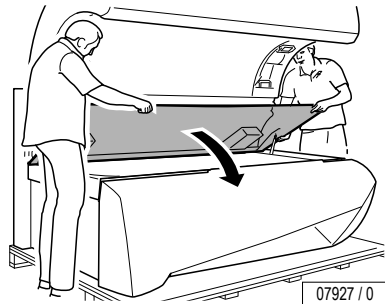


- Unlock hydraulic arm holders and remove lock.
- Partly pull out hydraulic arm, push in again, and put into front recess.



- A second person is needed to hold the acrylic panel!
- Place cardboard or similar beneath the fixing to prevent damage to the lamps.
- Unscrew the screw.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



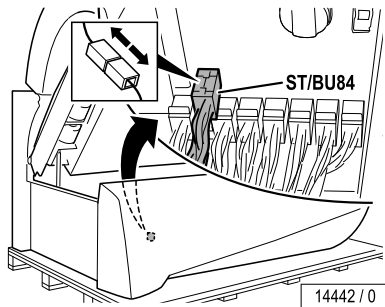
CAUTION!
Danger of scratching or breaking!

- Store the acrylic panel in a clean and safe position.

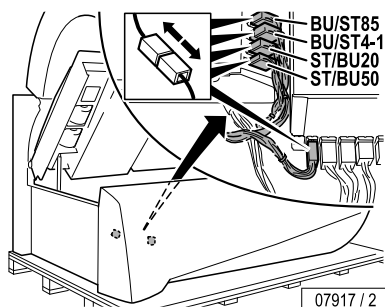
- Lift the acrylic panel out of the device.

4.3 Removing the front panel

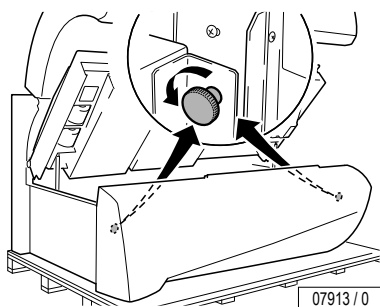
Applies only to SUNANGEL S 52:



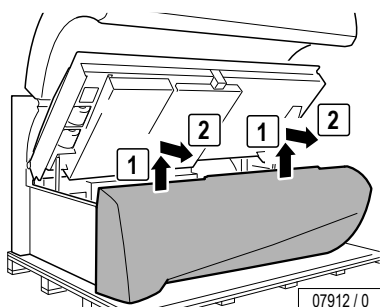
- Unplug plug ST84.



- Unplug plug connections at the foot of the device (control unit).
- Unplug the temperature sensor connector.

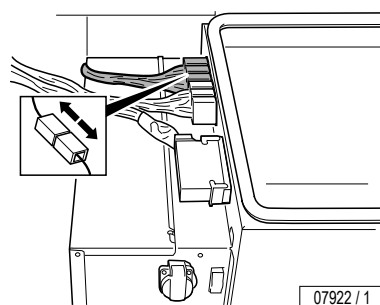


- Unscrew and remove both knurled thumb-screws that hold the front panel in place.

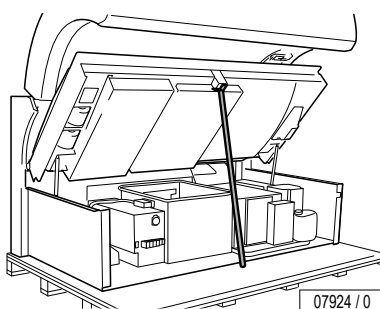


- Lift the front panel up slightly to release it from the retaining fixture.
- Pull the front panel out towards the front.

4.4 Dismantling the tray



- Unplug the rear three (3) connectors on the left side of the component rack.

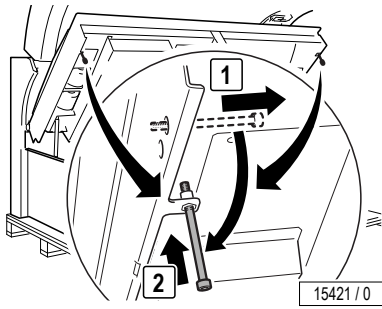


Remove gas springs:

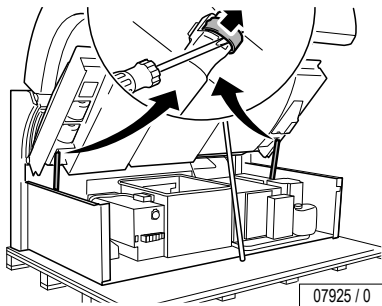
- Overstretch the tray upwards.

Or:

- Set up a support (TN 75340).



- Turn the tray supports out of parking position and screw them into the tray.



WARNING!

Danger of being injured by the tray!

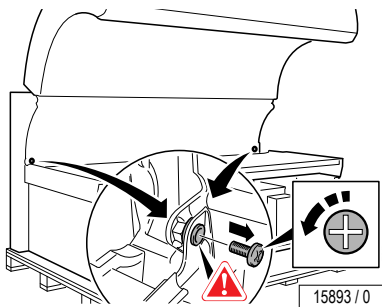
WARNING!

The tray is heavy and will drop down if the gas springs are removed!

- A second person is needed to hold the tray in place.

- Use a screwdriver to pry the gas springs out of the upper retainer.
- Remove the gas springs.
- If set up, remove support.
- Lower the tray.

Tool: Size 2 flat-bladed screwdriver



- Remove the left and right side screws.



NOTE:

Ensure not to lose the bushings. Remove bushing, if necessary.

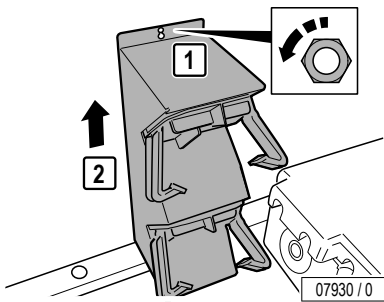
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



Remove the tray:

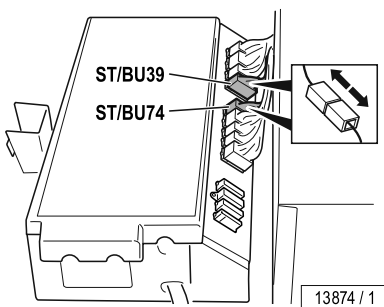
- Use two (2) persons to lift and take out the tray.
- Put down the tray on its bottom side (tray rests on the supports).

4.5 Dismantling the AQUA / AROMA SYSTEM

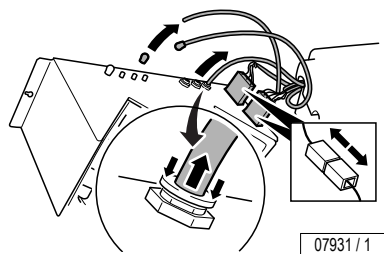


- Loosen the nut.
- Unhinge the AQUA / AROMA SYSTEM.
- Take off the cable canal cover on the left rear side.

Tool: 13 mm double open-ended wrench

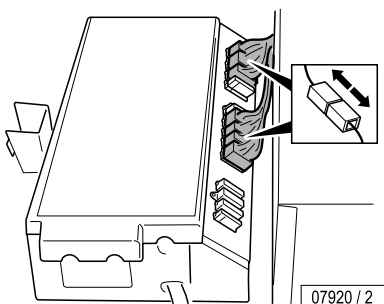


- Disconnect connectors ST39 and ST74 from the control unit.
- Remove the cables (BU39 and BU74) of the AQUA / AROMA SYSTEM from the cable duct.

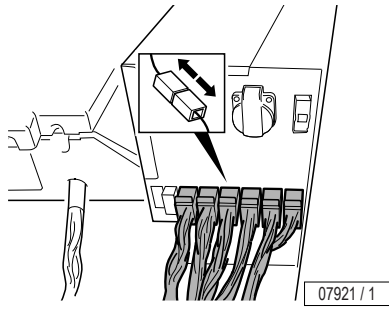


- Disconnect connectors ST74 and ST75.
- Unplug all hoses. To do this, press the blue ring and take off the hose.
- Put protective caps on the hoses.
- Take out the AQUA / AROMA SYSTEM.

4.6 Dismantling the control unit

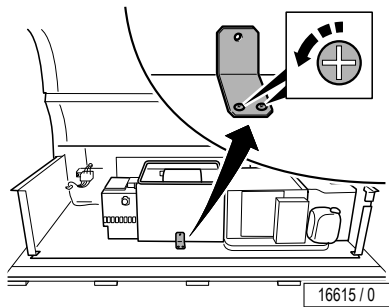


- Unplug the plugs from the control unit.

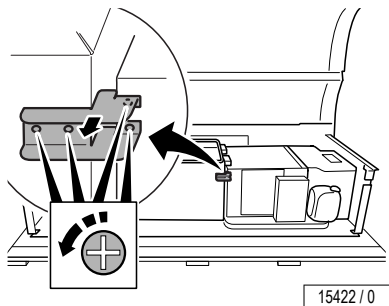


- Unplug connectors on component rack.
- Take out control unit.

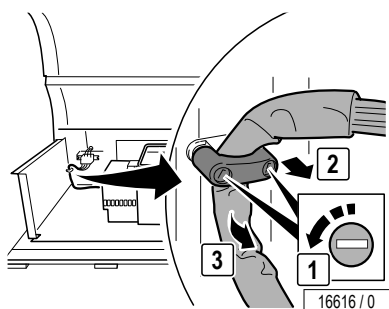
4.7 Dismantling the component rack



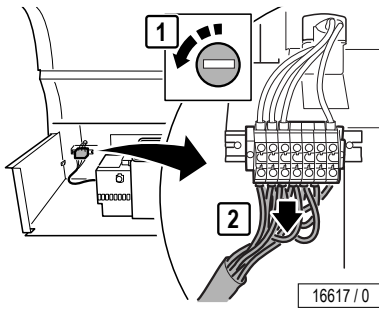
- Unscrew the screws of the component rack transport lock.
- Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



- Unscrew the holder between air conditioning unit and component rack.
- Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

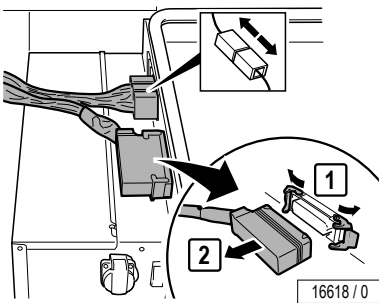


- Unscrew pull relief.
 - Unscrew both pull relief screws.
- Tool: Size 2 flat-bladed screwdriver

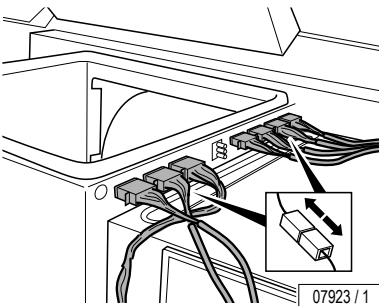


- Unscrew the terminal clamp.
- Remove the cables from the terminal clamp.

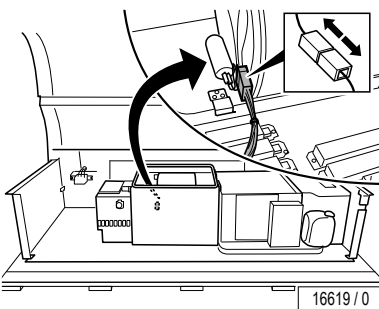
Tool: Size 2 flat-bladed screwdriver



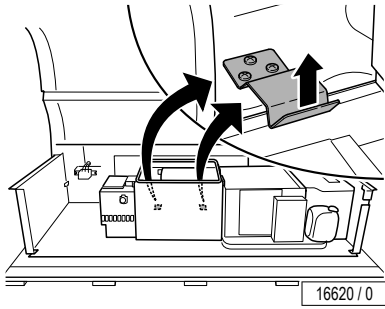
- Unplug remaining connectors on the left side of the component rack.



- Unplug all connectors on the right side of the component rack.



- Unplug plug of the device fan.



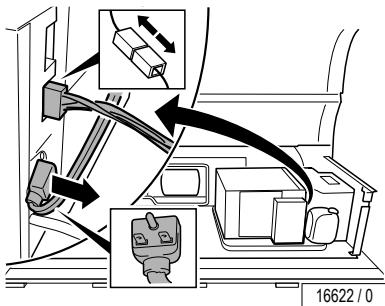
- Detach brackets at the rear side of the component rack and pull forward component rack.
- Remove the component rack.



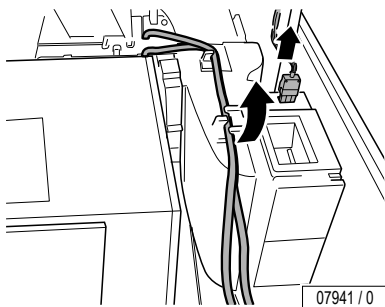
NOTE:

The component rack weighs over 132 lb/60 kg. If available, use a trolley for its transport.

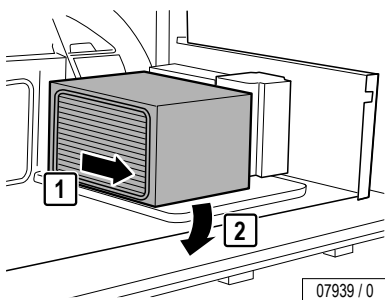
4.8 Dismantling the air conditioning



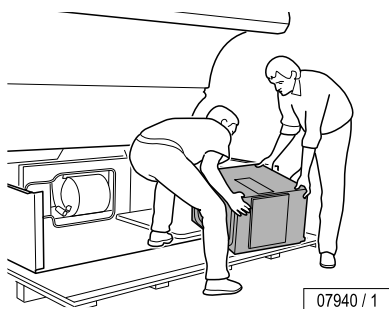
- Unplug connector and mains plug of the air conditioning unit cover.
- Remove condensate canister and air conditioning unit cover.
- With Temptronic plus: Remove ventilation duct cover.



- Unplug connectors at ventilation duct.
- Remove both cables from clamps.

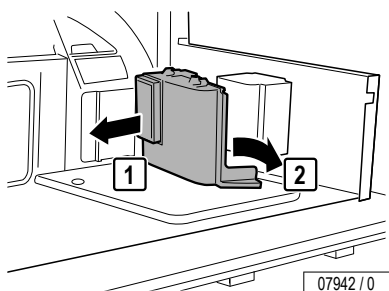


- Slightly lift air conditioning unit and put on front left border edge.

**NOTE:**

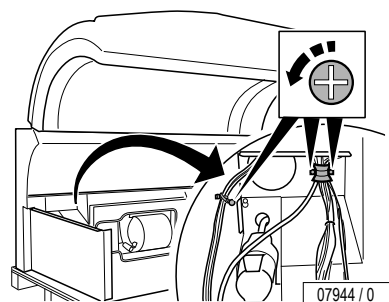
Depending on the version the air conditioning unit weighs between 88 lb/40 kg and 99 lb/45 kg. We recommend that it is lifted by two (2) people.

- Lift the air conditioning unit and remove it.



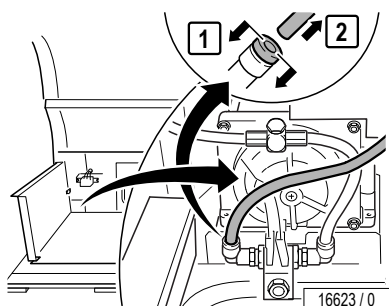
- Pull front of ventilation duct to the left and carefully remove ventilation duct.

4.9 Dismantling the canopy

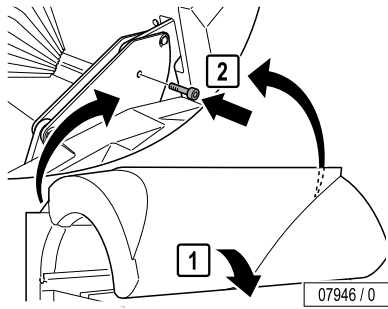


- Unscrew pull reliefs on the left side.
- Unscrew both pull relief screws (canopy wiring).

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

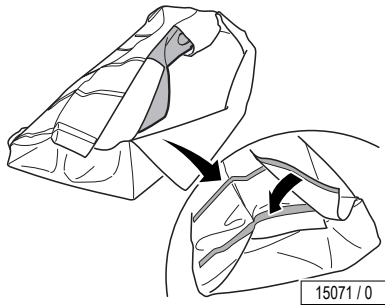


- Unplug the hose connecting the AQUA / AROMA SYSTEM with the canopy.



- Close the canopy.
- Secure the lifting device with screws (transport lock, see page 13).

Tool: 4 mm Allen key

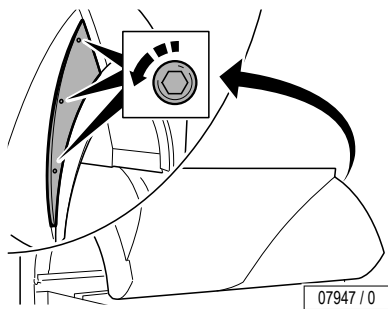


Remove faceplate parts:



CAUTION!
Danger of scratching!

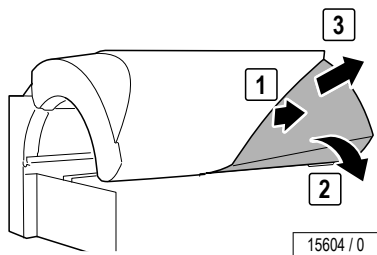
We urgently recommend packing the faceplate parts in protective foil or faceplate protection covers.



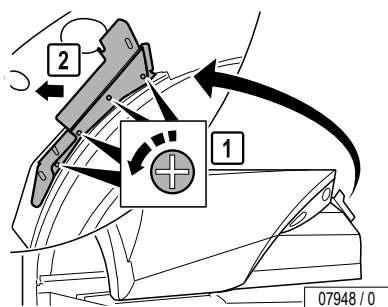
Light focus:

- Hold light focus.
 Unscrew three (3) screws on the right side of the light focus.
- Remove the cover.

Tool: 4 mm Allen key



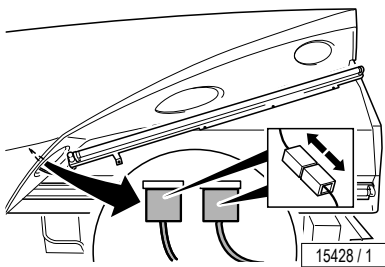
- Remove the light focus.



- Unscrew light focus consoles.

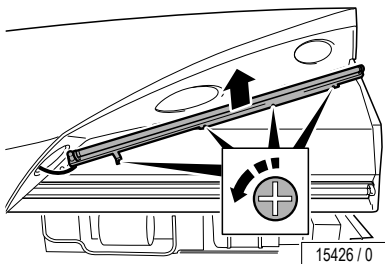
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

- Disconnect both accent lighting connectors.



- Unscrew and take out the upper lamp unit.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



Remove faceplate parts:



NOTE:

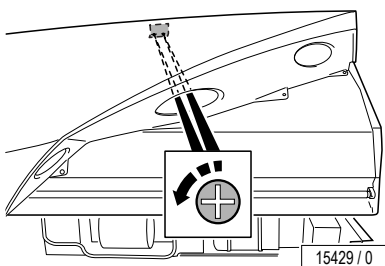
The rubber coated washers may remain attached to the faceplate parts.

- Remove all washers from the faceplate parts to avoid losing them.

Middle faceplate (front):

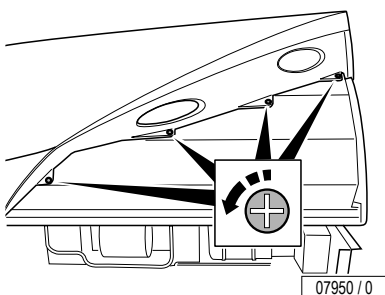
- Unscrew fixing bracket from underneath the middle faceplate.

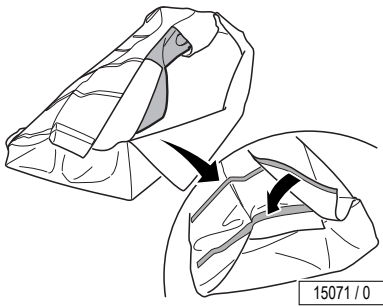
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



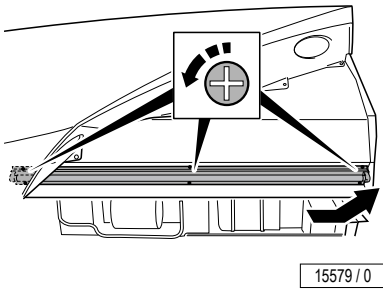
- Unscrew middle (front) faceplate.
- Carefully unclip the faceplate from the upper pins and take it off.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

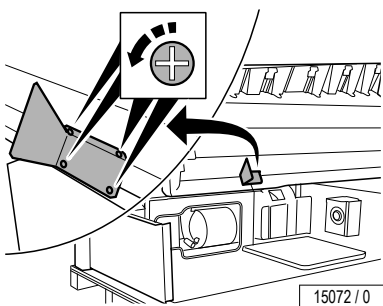




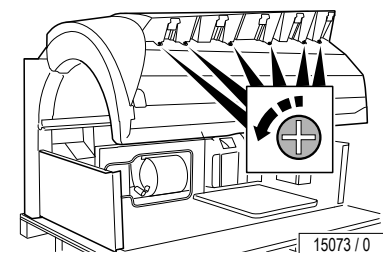
- Pack faceplate in faceplate protection cover (TN 190000170).
Use velcro fastening!



- Unscrew and take out the lower lamp unit.
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

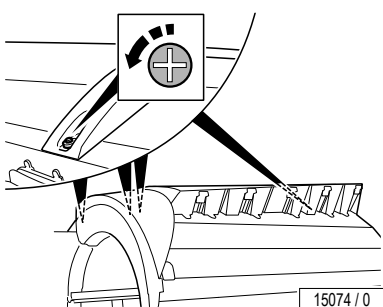


- Unscrew sheet-metal angle bracket.
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

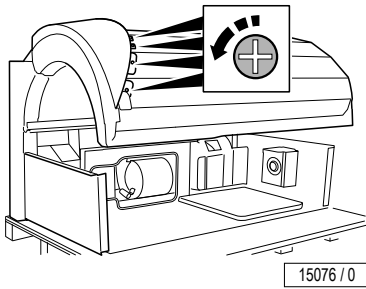


Left and middle faceplates (rear):

- Unscrew six (6) screws on the front side of the middle rear faceplate.
- Remove screws and washers.
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

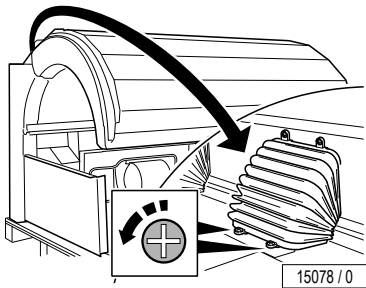


- Rear side: loosen screws of the rear and the left faceplate.
- Remove screws and washers.
- Remove faceplate.
- Pack middle faceplate in faceplate protection cover (TN 190000170).
Use velcro fastening!
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



- Loosen screws on the front side of the left faceplate.
- Remove screws and washers.
- Remove left faceplate.

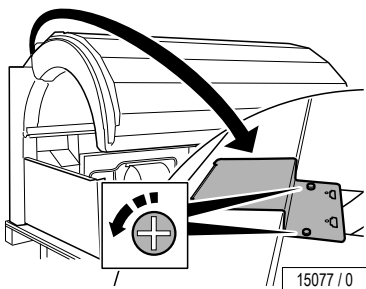
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



Connections to canopy:

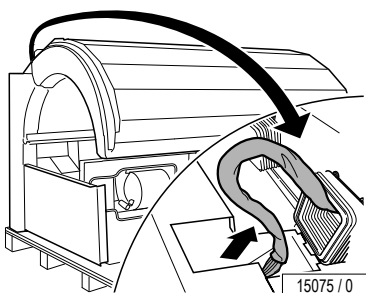
- Unscrew the bellows at the canopy.
- Unhinge bellows.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



- Unscrew the cable duct covering and remove it.

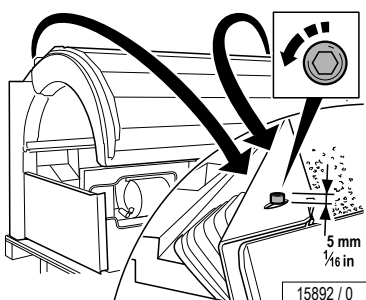
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



CAUTION!

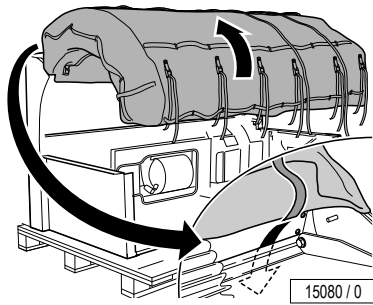
Cable and plugs may become damaged!

- Carefully pull out the cable towards the top.

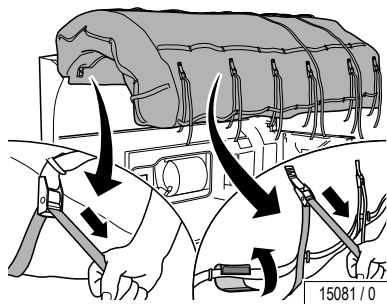


- Loosen both canopy safety screws about 3/16 in / 5 mm.

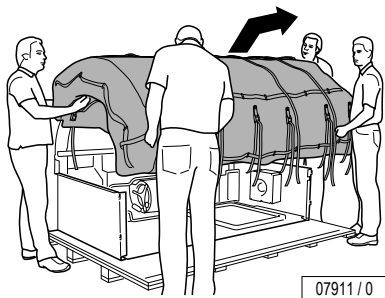
Tool: 4 mm Allen key



- Pull the canopy bag over the canopy.
- Push belts on the rear side of the canopy downwards, so that it is possible to access them from the interior of the device.
Put belts around bellows!
- Suspend hanging cables in the tapes of the canopy bag.



- Securely lash belts from the inside at the rear of the canopy.
- Lash belts at the front of the canopy, so that the canopy bag is fitted as closely as possible.
- Fasten hand-grips to the belts.

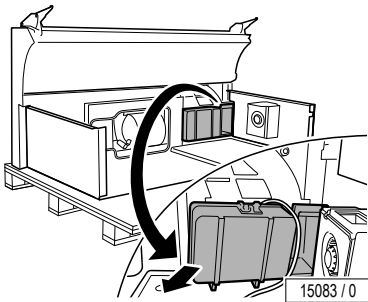


NOTE:

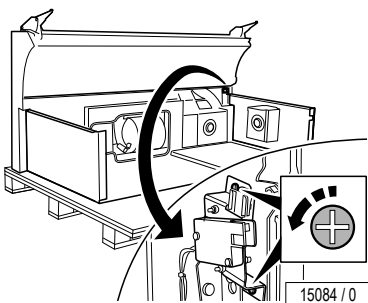
The canopy weighs over 242 lb/110 kg. We recommend that it is lifted by four (4) people.

- Lift the canopy and remove it.

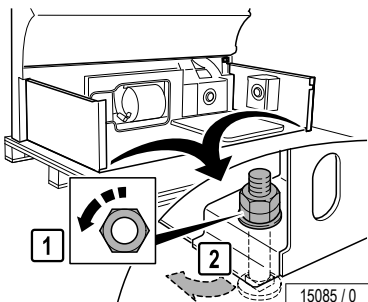
4.10 Removing head end and foot end, rear panel



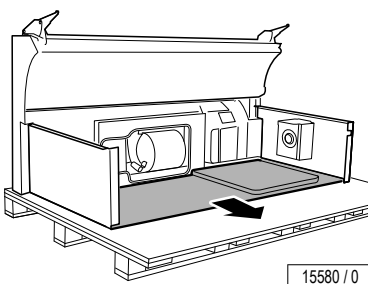
- Remove head and body ventilation cover.



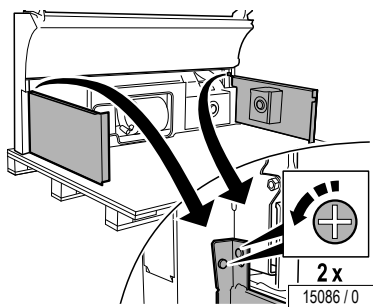
- Unscrew side panel safety switches' holding bracket.
- Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



- Unscrew transport locks at both ends of the device.
 - Take the bolts out downwards from the pallet.
- Tool: 17 mm double open-ended wrench



- Take out the floor plate.



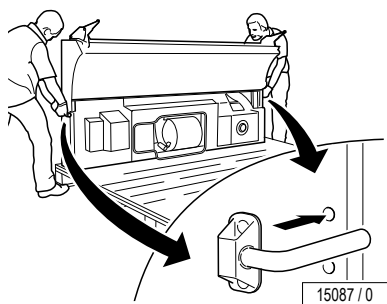
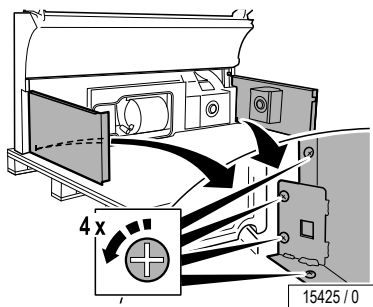
- Unscrew six (6) screws at each end of the device.
- Take the head and foot ends away.



NOTE:

If it is difficult to remove the head and foot ends, it may help to press the rear panel lightly to the rear.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



WARNING!

Danger of being injured!

WARNING!

The support aids are only designed for the weight of the rear panel!

- Do not use the support aids to carry the whole device.

- Attach support aids (701529) to the rear panel and lift the rear panel from the pallet.

5 Assembly

This section describes the steps for assembly in detail.

At least four (4) fitters are required for the assembly.

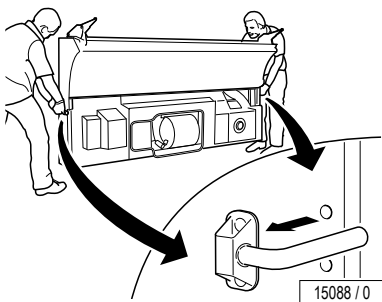


CAUTION – DANGER OF OVERHEATING!
Danger of overheating by obstruction of the air routing!

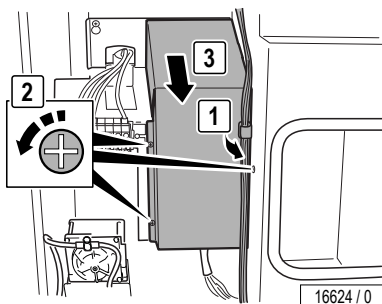
Operating faults possible.

- Do not change, obstruct or block the air inflow and out-flow to the device or make any unauthorized changes to the device. The manufacturer shall bear no liability for damage or injuries resulting from such actions.
- Do not set up and operate the device on the transport pallet!
- Observe the ventilation system data.

5.1 Setting up the rear panel, mains connection and connection of timer

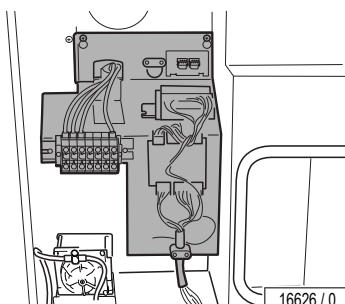


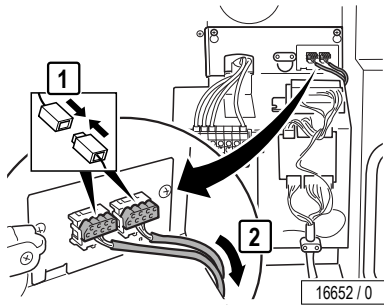
- Position the rear panel.
- Remove support aids.



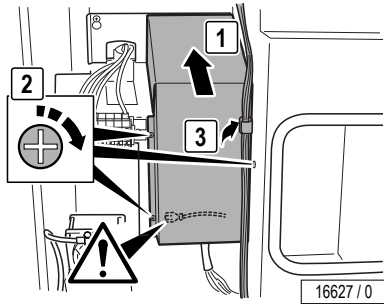
- Unhook cable from clip.
- Unscrew X3 clamp cover.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2





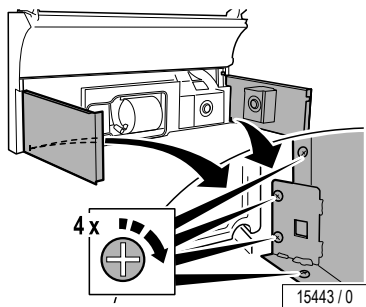
- Lead the control cable through the rear wall.



- Connect ground cable to cover.
- Re-fasten mains connection cover.

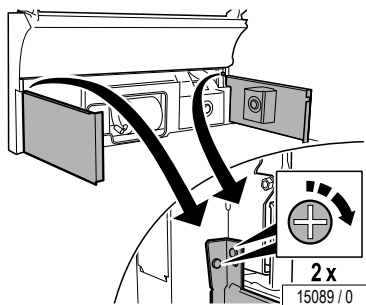
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

5.2 Refitting head end and foot end



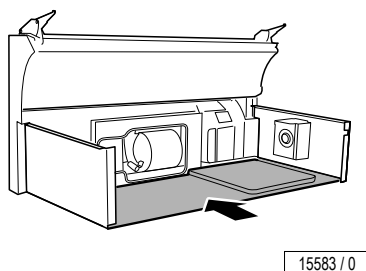
- Re-insert the foot end and tighten the screws.
- Re-insert the head end and tighten the screws.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

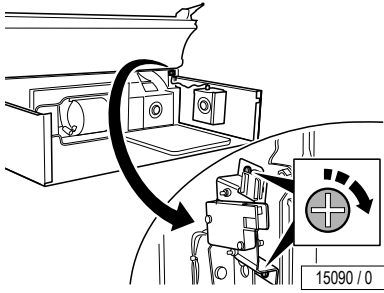


- Tighten the screws.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



- Insert the floor plate.



- Re-fasten the side panel safety switch holding bracket.

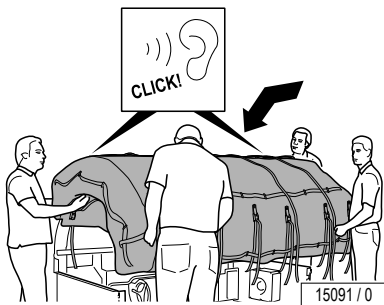
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

5.3 Mounting the canopy



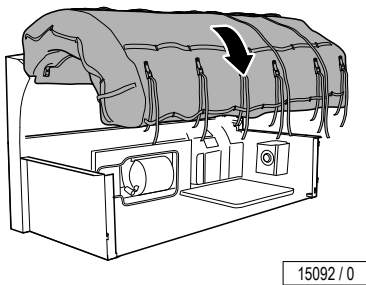
NOTE:

The canopy weighs over 242 lb/110 kg. We recommend that it is lifted by four (4) people.

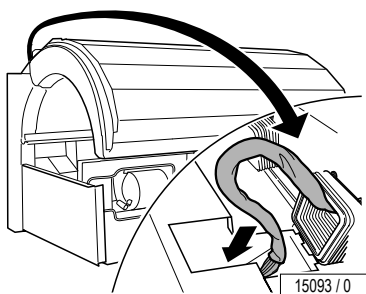


- Place the canopy on the lifting device.

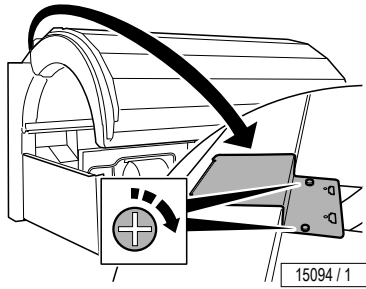
The canopy must lock in place!



- Loosen belts.
- Remove canopy bag.

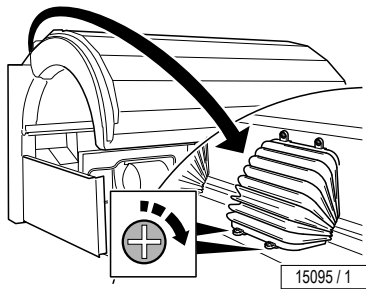


- Insert canopy wiring and hoses into the cable duct.
- Pull out wiring and hoses from inside.



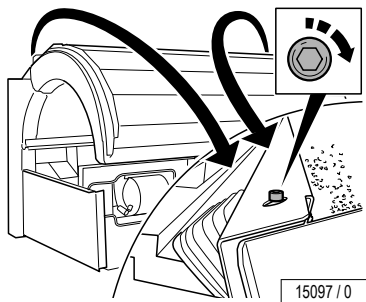
- Fasten cable duct cover.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



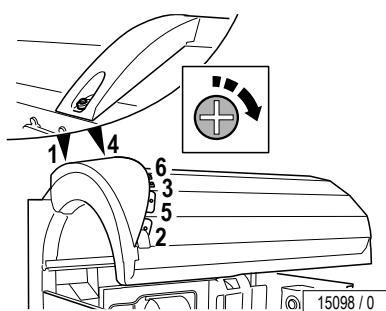
- Hook in bellows and fasten screws.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



- Fasten canopy safety screws.

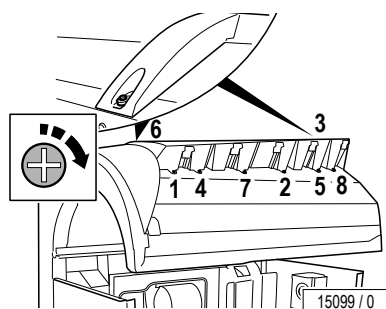
Tool: 4 mm Allen key



Left faceplate (rear):

- Put on left faceplate.
- Rear side: insert screws with washers.
- Diagonally fasten screws on the front and rear side alternatingly.

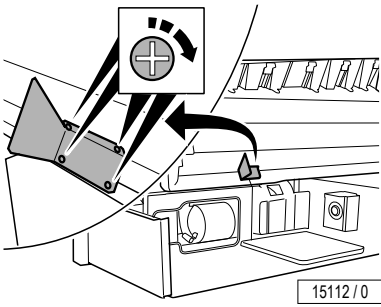
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



Middle faceplate (rear):

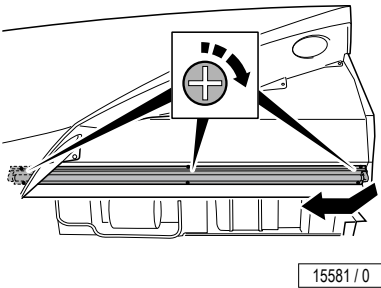
- Put on middle faceplate.
- Rear side: insert screws with washers.
- Diagonally fasten screws on the front and rear side alternatingly.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



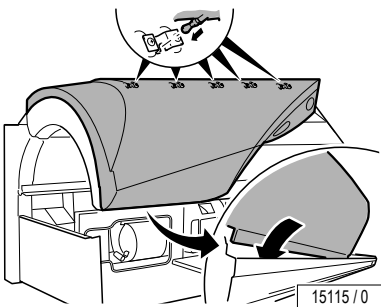
- Fasten sheet-metal angle bracket.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



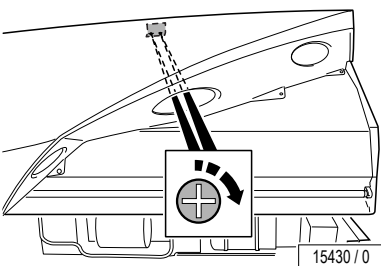
- Fasten lower lamp unit.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



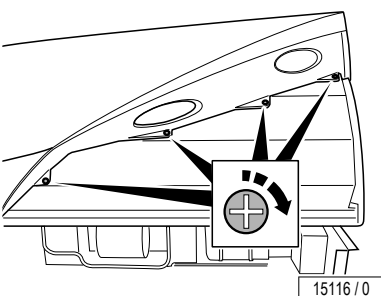
Middle faceplate (front):

- Carefully insert bottom edge of middle faceplate into the recess, do not scratch faceplates!
- Press faceplate pins into the holes on top.



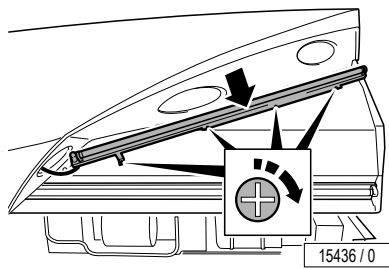
- Fasten holding bracket underneath faceplate.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



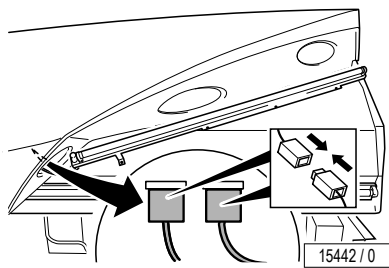
- Fasten faceplate.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

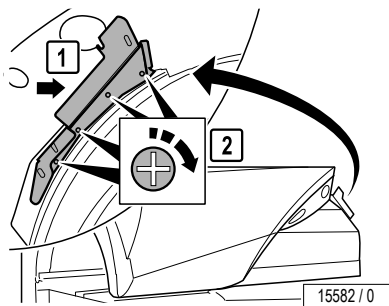


- Fasten upper lamp unit.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

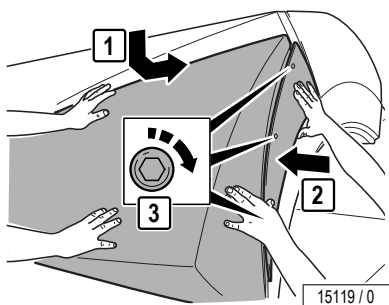


- Plug in both accent lighting connectors.



- Fasten light focus consoles.

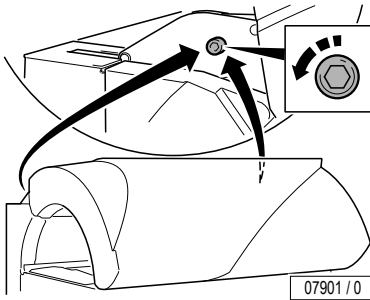
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



Light focus:

- Slide light focus with left side under the middle faceplate.
- Put on right-side cover.
- Fasten three (3) screws.

Tool: 4 mm Allen key



Canopy transport locks:

- Undo the screws and nuts of the canopy transport lock.
- Remove the screws and nuts.
- Open the canopy.

Tool: 4 mm Allen key

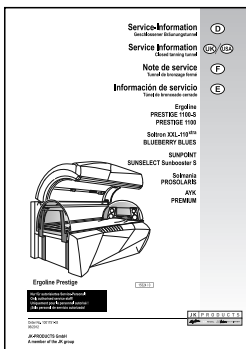


NOTE:

Turn canopy transport lock into parking position in the tray, see page 44.

5.4 Optional: Mounting an enclosed tanning tunnel

- If an enclosed tanning tunnel should be installed – install it now.

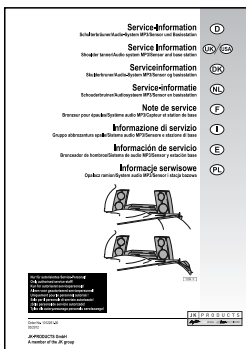


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5.5 Optional: Mounting the shoulder tanner / connecting the audio system

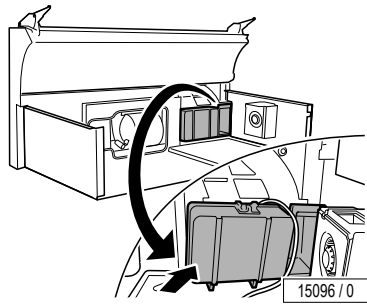
- If a shoulder tanner / audio system should be installed – install it now.



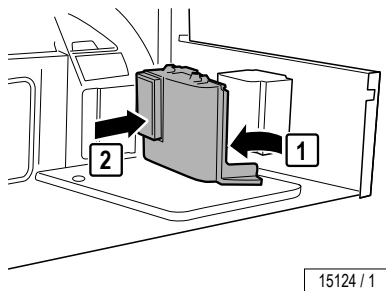
1012251

14367 / 0

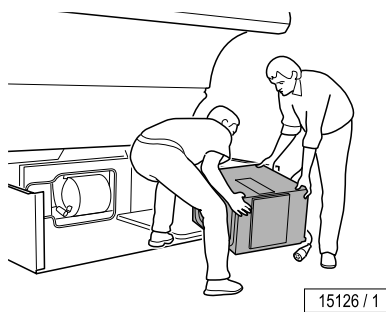
5.6 Refitting the air conditioning



- Re-fit the head and body ventilation cover.



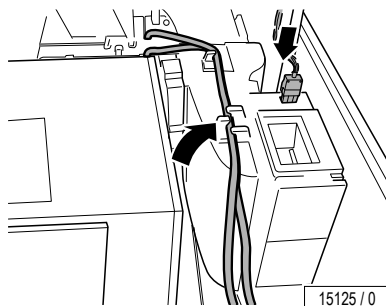
- Carefully insert ventilation duct diagonally to the back and press in front. The ventilation duct must lock into place!



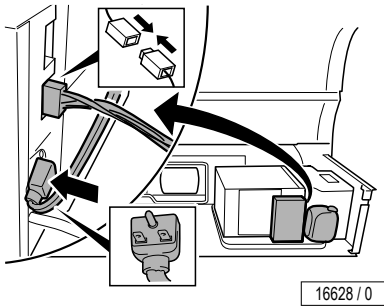
NOTE:

Depending on the version the air conditioning unit weighs between 88 lb/40 kg and 99 lb/45 kg. We recommend that it is lifted by two (2) people.

- Insert the air conditioning unit.
Direct mains cable along the top of the air conditioning unit!
- Insert spacer into air conditioning unit.

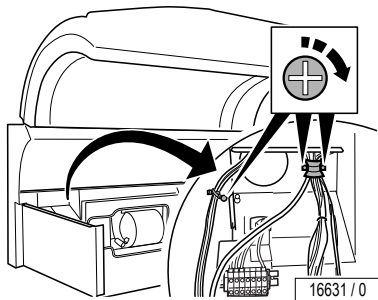


- Plug in the head and body ventilation connectors at the ventilation ducts.
- Push air conditioning and heating cables into the clamps.



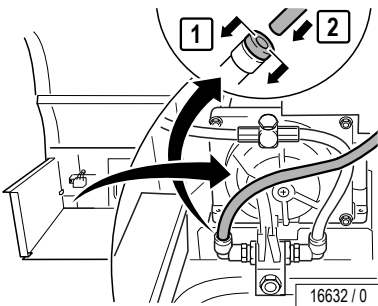
- With Temptronic plus: attach ventilation duct cover.
- Put condensate canister and air conditioning unit cover into the right place.
- Plug in connector and mains connector at air conditioning cover.

5.7 Mounting the component rack

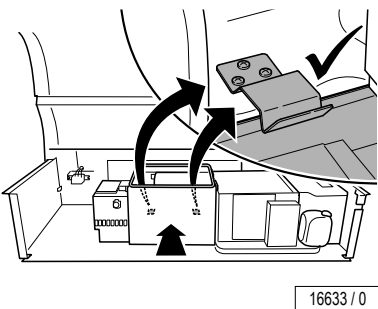


- Fasten pull relief on the left side.
- Re-fasten both pull relief screws (canopy wiring).

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



- Re-fit the hose connecting the AQUA / AROMA SYSTEM to the canopy.

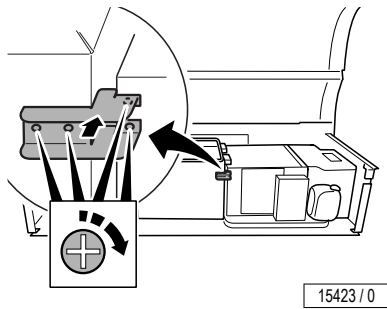


CAUTION!

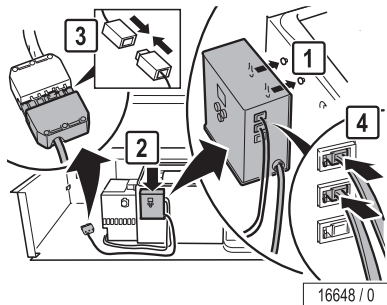
The cables may get damaged.

- Ensure that no cable becomes clamped between the component rack and floor plate!

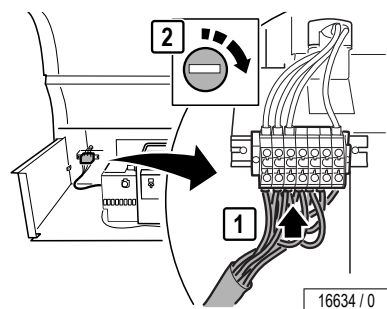
- Lift the component rack into the device.
- Push back until component rack locks into clamps.



- Fasten holder between air conditioning unit and component rack.
- Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



- Attach the Timer Control Module to the component rack.
- For information about connecting the timer see separate instructions 'Intellitan Remote Timer' (order no. 1008370-..).



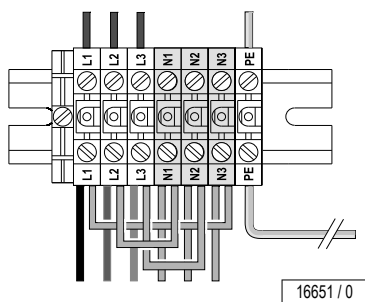
- Plug the cables into the terminal clamp.

WARNING!
Danger to life!

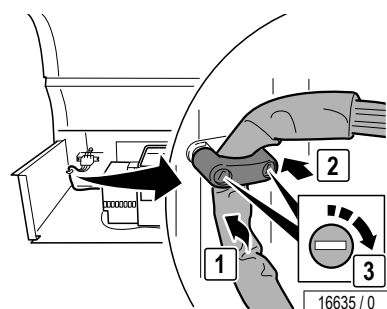
WARNING!

As soon the terminal clamp is connected, the device may be switched live accidentally by someone connecting the plug.

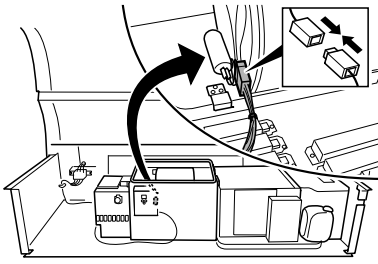
- Make sure that the fuses for the device have been switched off.



- Re-fasten the terminal clamp.
- Tool: Size 2 flat-bladed screwdriver

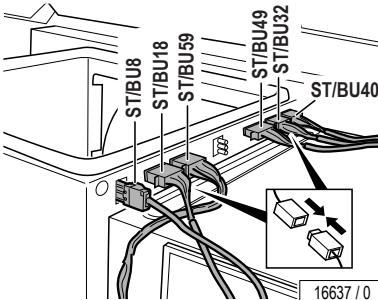


- Fasten pull relief.
 - Re-fasten both pull relief screws.
- Tool: Size 2 flat-bladed screwdriver



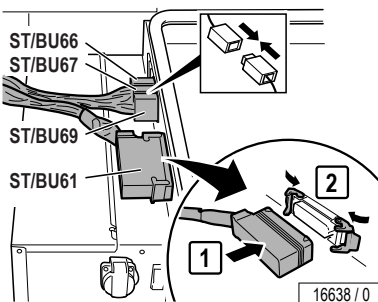
16636 / 0

- Plug the connector into the device fan.



16637 / 0

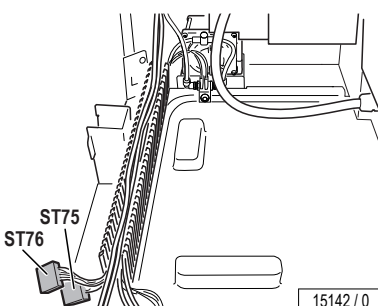
- Plug in all connectors on the right side of the component rack.



16638 / 0

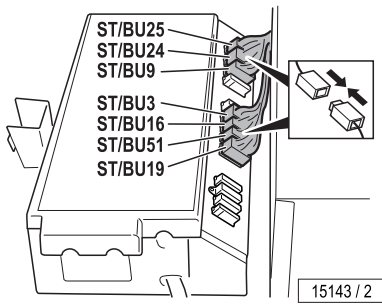
- Plug in connectors on the left side of the component rack.

5.8 Mounting the control unit

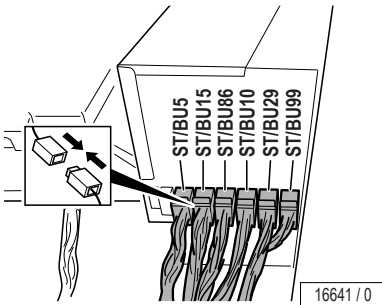


15142 / 0

- Insert cables (BU75 and BU76) and all hoses into the cable duct. Do not yet close cable duct!
- Insert control unit.



- Plug in connectors at control unit.

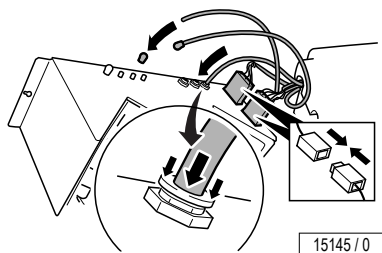


- Plug in connectors at component rack.

5.9 Mounting the AQUA / AROMA SYSTEM

Reconnect the hoses on the AQUA / AROMA SYSTEM:

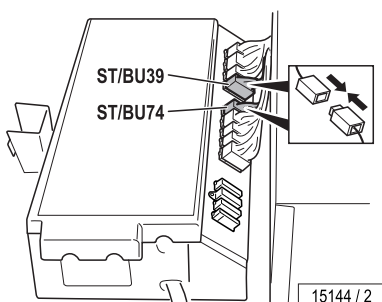
- Remove protective caps and put into parking position.
- Ensure that the reinforcing sleeve fits flush with the hose end.



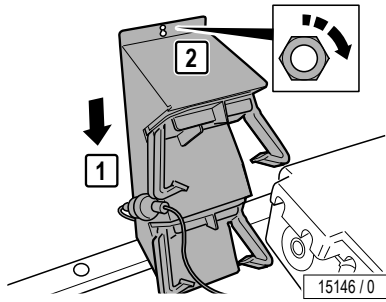
CAUTION!
Leakage possible!

- Push the hose up to the stop in the connection piece.

- Please note: connect black to black, transparent to transparent. Observe yellow and blue dots!
- Plug in both connectors ST75 and ST76.



- Insert cables (BU39 and BU74) of the AQUA / AROMA SYSTEM into the cable duct.
- Plug in cables (BU39 and BU74) into the control unit.
- Close cable duct.

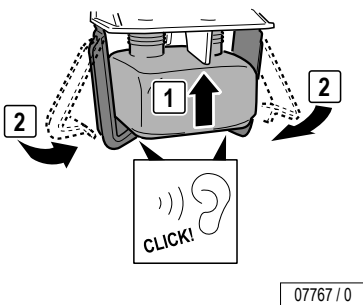


- Suspend AQUA / AROMA SYSTEM into recess and fasten screw.

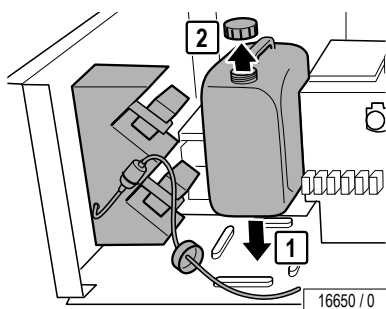
Tool: 13 mm double open-ended wrench



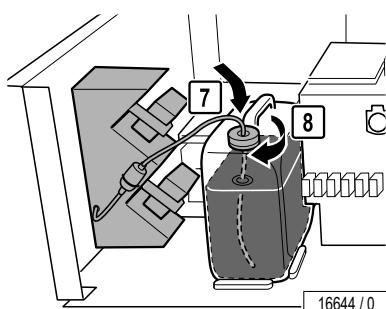
- Label AROMA canister with current date.
- Unscrew caps from openings.



- Clip AROMA canister into place.

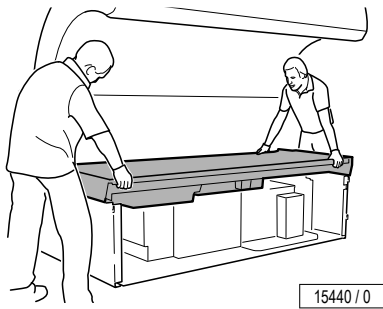


- Insert AQUA SYSTEM canister.
- Unscrew canister lid.



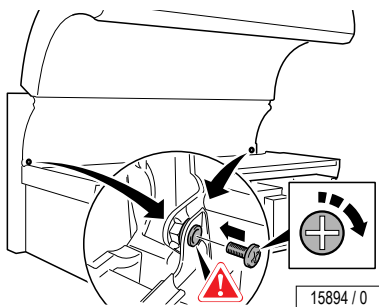
- Unpack cap with hose.
- Fasten cap with hose to the canister.

5.10 Refitting the tray



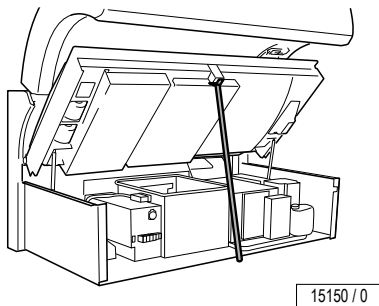
15440 / 0

- Insert tray.



15894 / 0

- Fasten left and right screws through the support with bushings.
- Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



15150 / 0

Fit the gas springs:

- Overstretch the tray upwards.



WARNING!

WARNING!

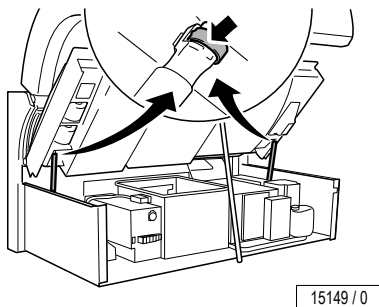
Danger of being injured by falling tray!

The tray is heavy and drops down without gas springs.

- A second person is needed to hold the tray in place.

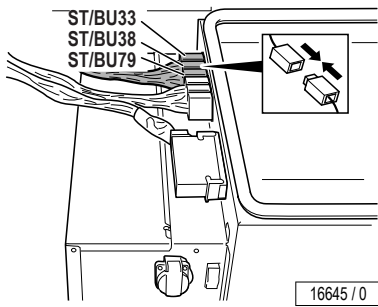
Or:

- Set up a support (TN 75340).

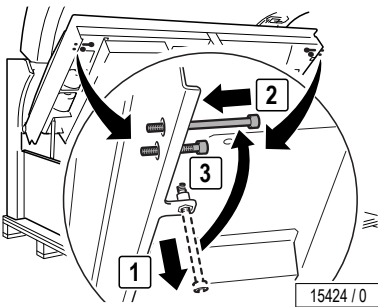


15149 / 0

- Insert gas springs with piston rod facing downwards.
- Clip top end into fastening.
- Push gas springs clips into fastening.
- Remove support.

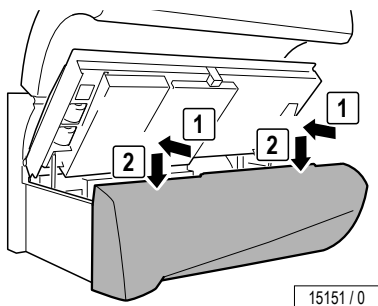


- Plug in the rear three (3) connectors on the left side of the component rack.

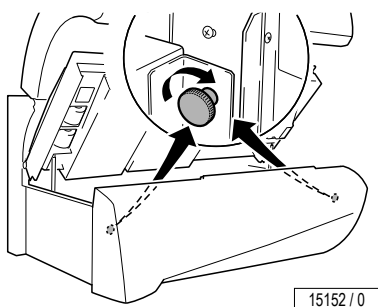


- Unscrew tray supports from tray and turn them into parking position.
- Turn transport lock into parking position.

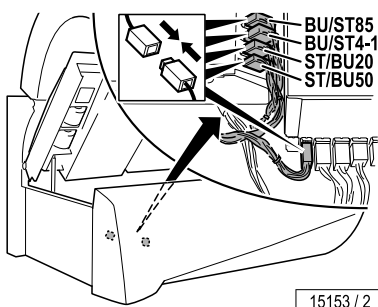
5.11 Refitting the front panel



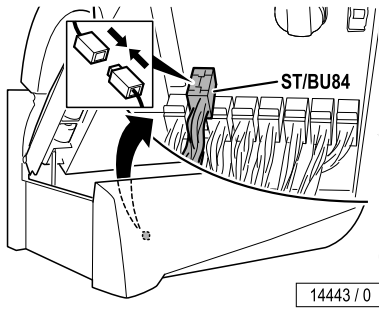
- Refit the front panel and then press it downwards until it latches into place.



- Retighten the knurled thumb-screws that hold the front panel in place.



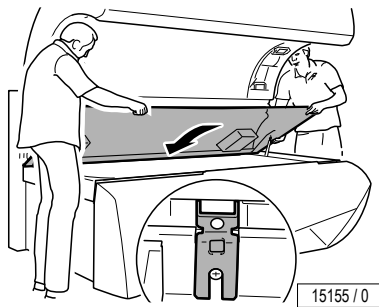
- Plug in connectors at the base end (control unit).
- Plug in the temperature sensor connector.
- Close the lower part.



Applies only to SUNANGEL S 52:

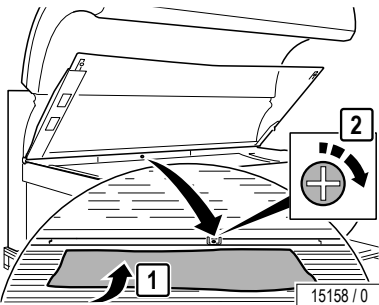
- Plug in plug ST84.

5.12 Refitting the acrylic panel and side panel



CAUTION!
Danger of scratching!

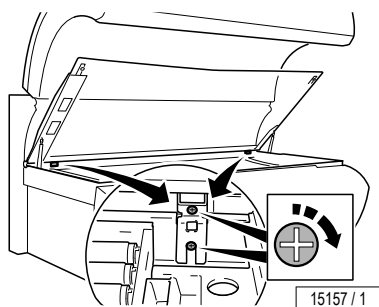
- Take care to ensure that you do not scratch the acrylic panels when you refit them.



- Insert support panel mountings into recesses.
- Put the slot in the mounting onto the loosened screw.

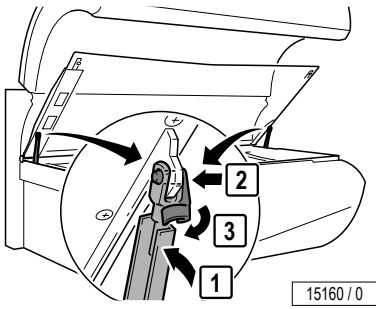
- Use cardboard or similar to prevent damage to the lamps.
- Fasten the screw.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

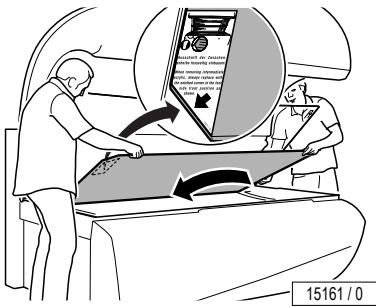


- Fasten two (2) screws on each side.

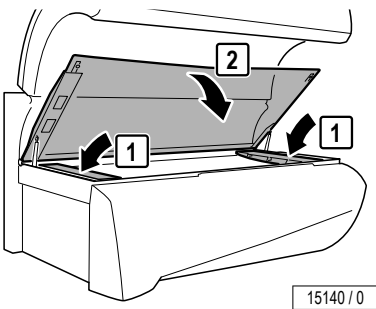
Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



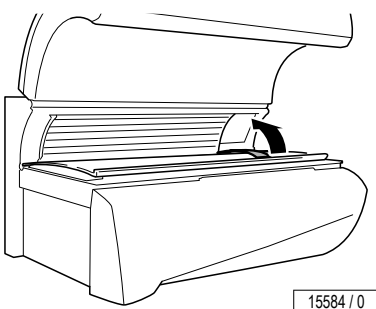
- Take panel support out of recess, pull up and insert downwards.
- Re-clip support of gas springs on top side.
- Turn over the support safety lever.



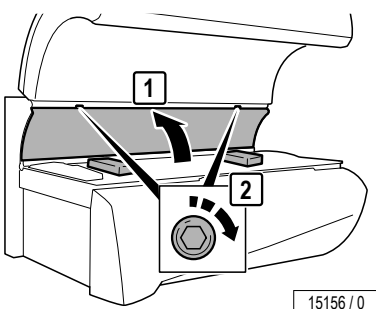
- Insert the intermediate panel.



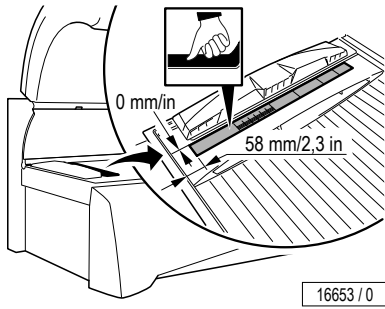
- Insert the lamp covers.
- Close the acrylic panel.



- Close the lamp cover.



- Close side panel.
 - Lock side panel screws.
 - Remove pad.
- Tool: 4 mm Allen key



- Attach the sticker (exposure label) to lamp bank.
- Position: Flush with the left edge, in the middle at the 3rd screw.

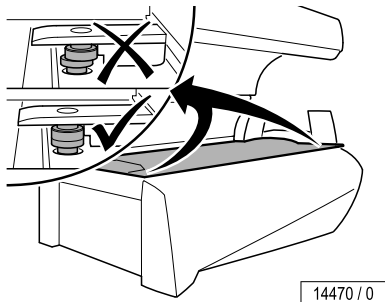


NOTE:

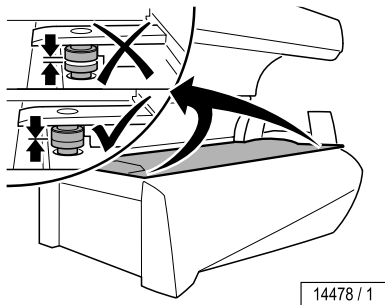
When installation is complete, pull off all the protective film from the plastic and acrylic parts. Clean if necessary!

5.12.1 Check for correct positioning of the acrylic panel

- Check the head and foot to make sure that the acrylic panel is positioned correctly.



The magnets must be exactly above one another.



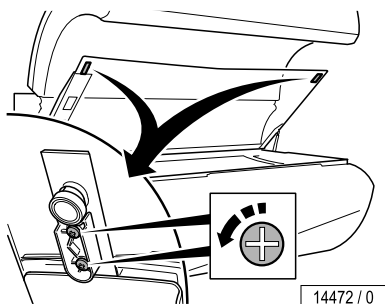
The magnets must be in contact.

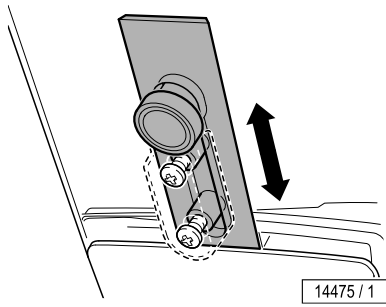
Moving the acrylic panel lock

If the magnets are not exactly above one another, the acrylic panel lock can be moved sideways. Adjustment at the head and foot is identical and is described in the following steps.

- Lift up the acrylic panel.
- Loosen the screws.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2



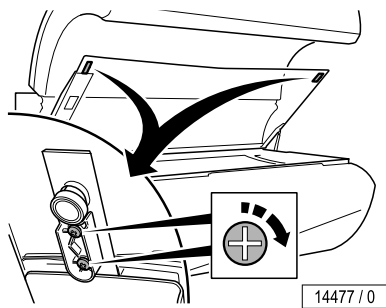


- Align the acrylic panel lock.



NOTE:

Before the screws are fully tightened, lower the acrylic panel and check to make sure that the magnets are in the correct position above one another.

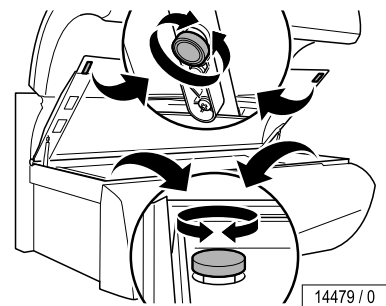


- Fully tighten the screws.
- Close the acrylic panel.
- Remove fingerprints and other soiling carefully.

Tool: No. 2 Philips screwdriver or battery-powered screwdriver with PHZ-bit 2

Set the height of the magnets

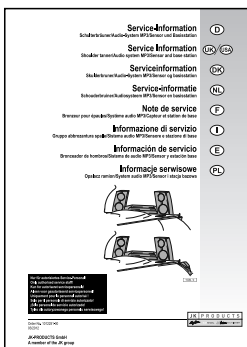
If the magnets are not in contact, the height can be adjusted. Adjustment at the head and foot is identical and is described in the following steps.



- Lift up the acrylic panel.
- To adjust the height, rotate the magnets.
- Close the acrylic panel.
- Remove fingerprints and other soiling carefully.

5.13 Installing sensor and base station


- SUNANGEL S 52

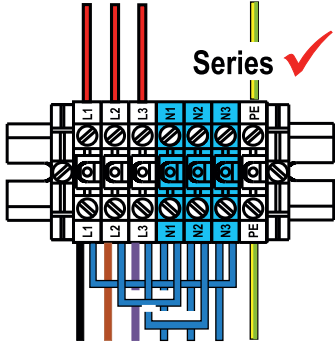


1012251

14367 / 0

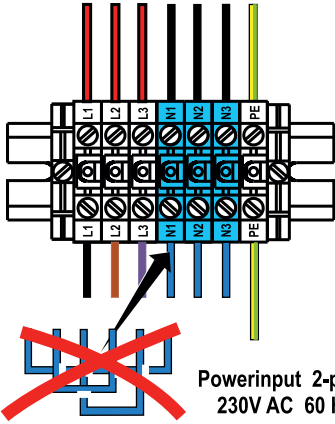
5.14 Power connection

	⚠ DANGER	⚠ DANGER
	<p>HAZARDOUS VOLTAGE. Contact will cause electric shock! Disconnect and lock out power before servicing.</p>	<p>TENSION DANGEREUSE. Tout contact entraînera une décharge électrique! Débrancher et sécuriser l'alimentation électrique avant de procéder à l'entretien.</p>



Series ✓

Powerinput 3-pole
230V AC 60 Hz



Powerinput 2-pole
230V AC 60 Hz

801046-02

14480 / 0

6 Technical data

6.1 Power rating, electrical specifications and noise level

Information regarding the power rating, electrical specifications and noise level are contained in the operating instructions and on the name plate. Noise level information may be found in the operating instructions.

6.2 Dimensions

Information regarding the dimensions is contained in the operating instructions.

6.3 Lamp configuration

Information regarding the lamp configuration is contained in the operating instructions. See also the exposure label for the tanning system.

6.4 Company nameplates/Warnings

Information regarding the company nameplates and warnings can be found in the operating instructions.

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JK GLOBAL SERVICE

Ergoline

SUNANGEL

soltron

SUN | DASH

JK-PRODUCTS & SERVICES, INC.

1 Walter Kratz Drive
Jonesboro, AR 72401
Phone: 800.643.0086 (Toll-free)
Fax: 870.935.3618
Website: www.sunergoline.com
www.soltron.us
E-Mail: ergoline@sunergoline.com
sales@soltron.us

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