

■ OPERATING INSTRUCTIONS

Ergoline



1002998-00- / en / 02.2007

Operation Instructions

AFFINITY 500 SUPER POWER

AFFINITY 500 TWIN POWER

AFFINITY 600 TWIN POWER

AFFINITY 800 TWIN POWER

AFFINITY 660 SMART POWER

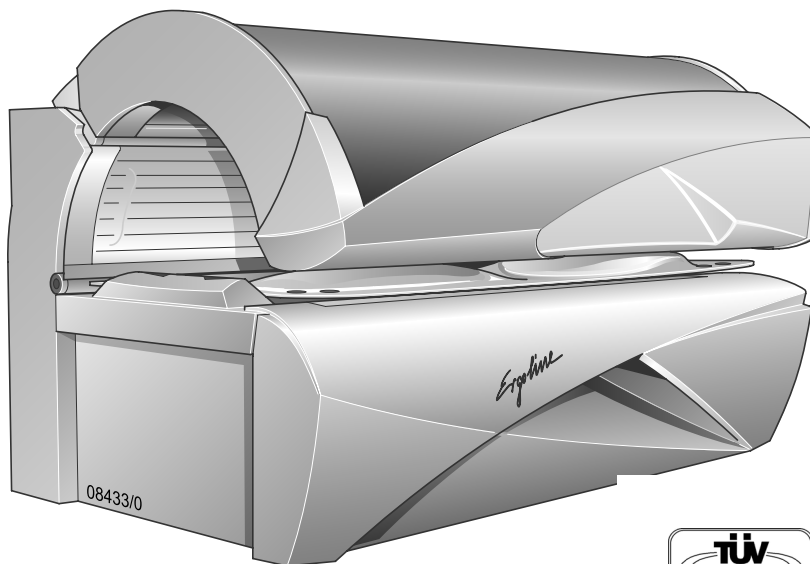
AFFINITY 880 SMART POWER

AFFINITY 660 DYNAMIC POWER

AFFINITY 880 DYNAMIC POWER

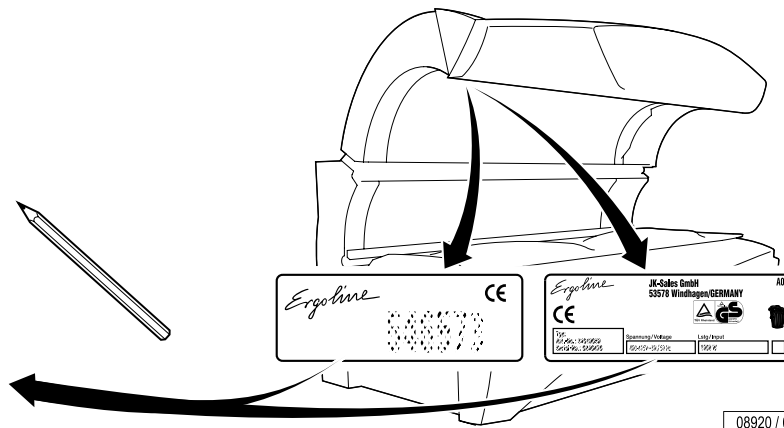
AFFINITY 660 DYNAMIC POWER IQ

AFFINITY 880 DYNAMIC POWER IQ



- ☐ AFFINITY 500 SUPER POWER
- ☐ AFFINITY 500 TWIN POWER
- ☐ AFFINITY 600 TWIN POWER
- ☐ AFFINITY 800 TWIN POWER
- ☐ AFFINITY 660 SMART POWER
- ☐ AFFINITY 880 SMART POWER
- ☐ AFFINITY 660 DYNAMIC POWER
- ☐ AFFINITY 880 DYNAMIC POWER
- ☐ AFFINITY 660 DYNAMIC POWER IQ
- ☐ AFFINITY 880 DYNAMIC POWER IQ

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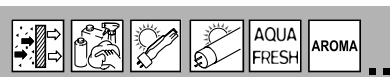
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Dear Customer,

The Ergoline sunbed you have purchased is a technically advanced and high-performance sunbed. Your sunbed was manufactured with the greatest care and precision. It went through numerous quality and safety checks in order to guarantee trouble-free, safe operation. But you too may make a significant contribution to your long-term satisfaction with your sunbed. Following the tips and instructions in the instruction manual will ensure your enjoyment and pleasure when using your sunbed.

If you have any questions, we are always at your disposal.¹⁾

Your sincerely

JK-Sales GmbH

- Read and observe the information in this instruction manual. This will ensure you avoid accidents and have a fully functioning and reliable sunbed.
- Always observe the generally applicable legal regulations, any other regulations and the legal requirements - including those applying to the country of installation - as well as any environmental protection conditions.
- The locally applicable regulations of professional associations and other regulatory authorities must always be complied with!

1) ☎ +49 (0) 2224/ 818-0 📠 +49 (0) 2224/ 818-116

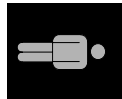
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How to use the instruction manual

So that you can quickly find the page you need, chapter titles are shown at the top of each page: at the start of chapter in large text (1) and on subsequent pages, somewhat smaller (2).

Symbols are also used. There are several types of symbols:

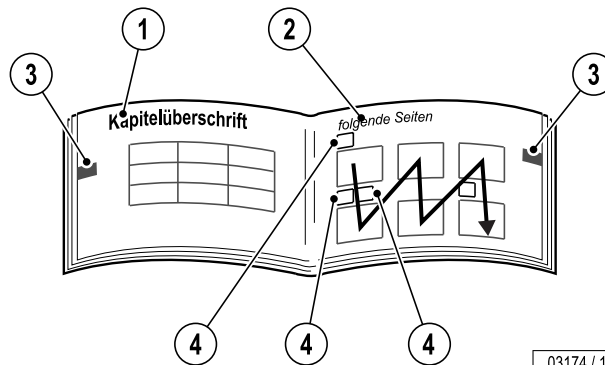
- The chapters are differentiated using the symbols (3) from the summary on page 5.
- Symbols directly above a figure (4) refer to the work step shown in the figure.

The meaning of the symbols is explained beginning on page 9 in this chapter.



Note:

The right to make technical changes is reserved in respect of the figures and information contained in this instruction manual! Reprinting and reproduction, in whole or in part, of this manual is only permitted with our previous written approval and with a reference to the source.



Meaning of Symbols

Hazard instructions



Danger! Type and source of hazard!

This safety instruction – warning triangle with the word "Danger" – points out primarily that there is a personnel hazard (risk of fatal injury, risk of injury).

Example:



Danger to life! Electric current!

Personnel danger due to electric shock or electric burns.

- Switch the sunbed to a zero-potential state.



Warning!

This safety instruction –warning triangle with the word "Warning" – primarily indicates there is risk to equipment, material or the environment.

Important information:



Note:

This symbol does not identify safety instructions, but states information to better understand the processes.



Symbols for Description, Operation and Maintenance



Customer service



Manufacturer



Part/article number (for orders)



Danger!

Switch the sunbed to a zero-potential state.
– isolate from the mains



Risk of burning!

Do not touch, hot surface



Low pressure lamps



UV low pressure lamps



Starter for low-pressure lamps



UV high pressure lamps



Filter panels



Cleaning and disinfectant agents

Tanning Table



Operation



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Continuation of the works steps on the next page







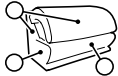












End of work step



Automatic mode

Meaning of Symbols

		Function can also be used in automatic mode		Display: MP3 player connected
		No cosmetics		Display when adjusting the volume
		Tanning time display		Description
		Display of warm-down time (fan run-on)		Decorative lighting
		Error display (example)		Body cooling using AQUA SOLAR WITH SKIN+ ADDITIVE
		Display Info-Track 1		Fragrance "Relax", "Vital", "Cabin"
		Display: internal music channel 1 (channel 1) Factory setting: 1 channel customer service can setup additional channels		Press button
		Display: external device connected		e.g.: 2s Press button for 2 seconds



Meaning of Symbols



Duration: 3 minutes



Loudspeaker



Headphone connection



MP3 player connection

Default values



Technical data



Maintenance



UV type



Warning, safety switch!



Unscrew/release screw



Tighten/lock screw



Suction cup



Clean



Replace



Clean or replace depending on the level of soiling



Test with test strip

Meaning of Symbols



Empty



Visual inspection



Climatronix



Filter mat



Filter and filter mats must not be damp.



Chipcard of lamp set



Troubleshooting –
see separate manual



Proper use

The sunbed is only intended for commercial use, not for domestic use.

This sunbed is for tanning one adult at a time.

Infants and small children up to age 7 may not use this sunbed.

The following applies for children and adolescents between the ages of 8 and 17 years: Only use sunbeds after agreement with a parent or guardian, or after consulting a doctor.

The sunbed may only be operated with the specified or equivalent lamps. The tanning times given in this instruction manual are valid only for the specified lamp set.

Any other use shall be considered improper. The manufacturer cannot be held liable for damage or injuries resulting from this. The operator bears the sole risk for this.

Proper use also includes compliance with the manufacturer's instructions and its operating and maintenance conditions. The sunbed may only be operated, maintained and repaired by persons familiar with these tasks and that have been informed of the dangers involved.



Safety instructions for the operator



Danger!

Assembly and electrical connection must comply with the national regulations.¹⁾

The electrical installation is to be fitted with an easily accessible all pole disconnecting device (master switch) by the operator, that complies with overvoltage category III. This means that each pin shall have a contact opening width complying with the conditions of overvoltage category III for full isolation.

If it is connected via a plug connection, the plug system shall comply with EN 60309-1/A11; 5-pole; 400 VAC (16A or 32A).

Assembly, installation, upgrading or servicing of the sunbed may only be carried out by specially trained and instructed personnel.

- All danger and safety signs attached to the sunbed must be observed!
- The maximum permissible weight for the acrylic glass panel can be found in the **Technical Data** – see page 127.
- No safety equipment (e.g. limit switch) or safety signs may be removed or deactivated which could impair the safe operation of the sunbed!
- The sunbed may only be operated in full working order!

1) In Germany: VDE regulations

- A timer control must be attached so that the sunbed automatically switches off at the latest after <110% of the selected running time even if the controller fails. The sunbed running time must be provided with double protection by use of a timer control that complies with the standard EN 60335-2-27.²⁾
- Do not change, obstruct or block the air inflow and outflow area to the sunbed or make any unauthorised changes to it. The manufacturer shall bear no liability for damage or injuries resulting from such actions.
- The sunbed may not be installed and operated on the transport pallet! A risk of overheating due to interference in the air supply results.



Warning!

The infrared interface access code is preset in the handheld software, and can therefore be used with any sunbed. Anyone, who downloads the software from the Internet can access the sunbed data with a handheld. Please ensure that customer service change the preset access code when the sunbed is first setup - see page 79. Please make a note of the new code for subsequent use!

This code is independent of the access code for the presets made via the control panel.

2) JK timer controls see page 136





Danger of skin and eye injuries or skin diseases!

- Persons with very sensitive skin (skin type I) must not use the system as, with this skin type, tanning without skin damage (e.g. sunburn) is impossible.
- Individuals with acute sunburn, individuals who have had or have skin cancer, or individuals who are at increased risk of skin cancer, must not use the system.
- UV systems should not be used without medical advice, if unexpected manifestations such as itching occur within 48 hours of first using the sunbed.
- The sunbed may never be used when a filter panel is missing or damaged, or the timer is defective!
- UV radiation from the sun or UV systems can cause injuries to the skin or eyes. This biological effect is dependent on the sensitivity of the individual's skin and on the type and amount of UV radiation.
- The skin can become sunburnt when exposed to excessive radiation. Excessive, frequently repeated UV radiation exposure from natural sunlight or UV units can result in premature ageing of the skin and an increased risk of skin tumours.

- Particular caution is advisable for individuals who are especially sensitive to UV radiation, and when certain medicaments or cosmetics are used.
- Remove cosmetics before tanning and do not use sun screen products.
- See a doctor if stubborn swelling, sores or pigmented moles form on the skin.
- Some medicaments for internal or external use can considerably increase the skin's sensitivity to UV radiation. For example: Antibiotics, Sulphonamides, psoralenes such as melanin, vitamin A acid and derivatives. Sunbathing – including in the sun – should not be undertaken during and shortly after using preparations of this kind! If in doubt, ask your doctor beforehand!
- The unprotected eye can become inflamed on the surface, and in certain cases the retina can be damaged by excessive radiation. Cataracts can form after frequently repeated exposure to radiation.
Use the accompanying UV goggles
(order no. ▲ 84592-..).
- The time between the first two sessions on the sunbed must be at least 48 hours! Do not take an additional sunbath on the same day.

▲: JK-Licht GmbH – see Page 2.

AFFINITY SUPER POWER, TWIN POWER, SMART POWER, DYNAMIC POWER

- Increasing tanning requires increased exposure time (= radiation time) or after a certain degree of tanning has been achieved, increased tanning is not possible. However, the radiation time may not be extended as desired within the scope of the permissible radiation doses! Therefore, only a certain level of final tanning, which depends on the skin type, can be achieved without endangering your health.

AFFINITY DYNAMIC POWER IQ

Automatic mode

In automatic mode, the radiation dose is optimised for the tanning type and the degree to which the skin is already tanned by adjusting the lamp output. The tanning time is pre-set and is the same for each tanning session – see the presets, starting on page 78.

Maximum mode

The radiation dose is determined by the tanning time in maximum mode. The lamp power always remains the same.

Increased tanning requires an extension of the exposure time (= radiation time) in maximum mode and increased tanning is not possible after a specific degree of tanning has been realised. However, the radiation time may not be extended as desired within the scope of the permissible radiation doses! Therefore, only a certain level of final tanning, which depends on the skin type, can be achieved without endangering your health.



Directives

This sunbed was built according to the following directives:

- EC directive "Electromagnetic Compatibility" 89/336/EEC (according to the version valid at the time).
- Low-Voltage Directives 72/23/EEC (according to the version valid at the time).



Note:

Dependent on the local utility company, the sunbeds can transmit interference to the power system of the house that impair the audio-frequency remote control system used by the utility company. This can, for example, interfere with the function of night-storage heaters.



Note:

If faults occur due to the operation of the sunbeds, then the operator is responsible for the installation of an audio frequency blocking device in the building electrical installation. Please contact your electrician. The electrician is familiar with the technical connection conditions of your local utility company so that the audio-frequency blocking device can be matched to the power system of your utility company.

Export

We emphasise that these sunbeds are intended for the European market and must not be exported to or operated in the USA or Canada! The manufacturer does not accept any liability in case of non-observance! It is emphatically emphasised that non-observance of this instruction, may result in high liability risks for the exporter an/or the operator.

MP3-Music (optional)

If an MP3 player is used privately during tanning, then this does **not** constitute a public performance in the sense of copyright law, so that no reporting or fee obligation in respect of copyright exists.

For the public use of MP3 music files, the same legislation applies as for all other music sources: As a studio operator/studio owner, you may only play original Audio-CDs, MCs, audio-DVDs etc., on your premises and/ or play music via the "MP3-music modules" which are provided in the professional sunbeds in the Ergoline range, if you have acquired the necessary stage rights (GEMA/GVL [German copyright handling organisation]¹⁾).

Copy-protected audio-CDs, MCs, audio-DVDs etc., as well as titles contained on these media, may not be converted to MP3 format and/or saved on HDD, audio-CDs, MCs, audio-DVDs etc., if software is used to do this, which disables or circumvents the copy-protection contained on the media.

You must be ready at any time to prove your granting of stage rights by presentation of the appropriate stage rights certificate (supplied by GEMA in Germany or the equivalent organisation in your country), when requested by a representative of GEMA or another/the appropriate control organisation.

As long as you observe all the listed instructions and have acquired the necessary rights for use of the "MP3-music-module", you may convert

your original audio-CDs, MCs, audio-DVDs etc. into the MP3 format required by the player. Only one copy (duplicate or MP3 format conversion) of lawfully acquired audio-CDs, MCs, audio-DVDs etc. may be made. The source media (original media) must be retained and may not be used simultaneously.



1) Or have acquired the stage rights from the organisation responsible for copyright distribution in your country.

Environmental protection

Environmental Declaration – The JK Corporate Group



The JK corporate group is subject to the strict regulations of EC Directive 761/2001 and the standard EN ISO 14001:1996, and undergoes regular internal and external environment audits performed by trained auditors.

Environmental regulations – disposal of lamps and batteries

UV low-pressure lamps and UV high-pressure lamps contain fluorescent materials and other waste containing mercury. Batteries contain heavy metal compounds.

According to the national waste disposal laws and in accordance with the municipal waste regulations, proof must be provided of the proper disposal of UV lamps and batteries.

Your local sales agency will be happy to assist you with the disposal of UV lamps and batteries.

- Report the number of UV lamps and batteries to your local agency by telephone or in writing.
- The agency will inform you about a collecting point¹⁾ for your lamps or will pickup the lamps and arrange proper disposal in cooperation with a disposal company.

1) The respective national laws apply. Please contact your local sales agency.

Packaging

All packaging consists of 100 % recyclable materials. Packaging brought into circulation by the JK Corporate Group that is no longer required can be returned to the JK Corporate Group. Your agency partner or dealer will be happy to advise you.

Disposing of used equipment

The device has been produced of recyclable materials. When being scrapped later, the device must be disposed of properly. The JK Corporate Group will provide you with information on the content or potential hazards of the materials used.

If required, the JK-Company Group¹⁾ will dispose of this equipment in accordance with the regulations. Your agent or dealer will be pleased to advise you.

The components and units are marked with the following symbols:



Manufacturer's guarantee

Ergoline accepts liability for any sunbed defects that arise in accordance with the following regulations on behalf of customers who have purchased an Ergoline sunbed for private or commercial use from one of Ergoline's sales partners; consumable parts such as UV-high pressure lamps (bulb), UV-low pressure lamps (tubes) and starters as well as the acrylic-glass base itself are not covered by the guarantee.

The guarantee stipulates that Ergoline will rectify any defects within a time period predetermined by Ergoline by repair or exchange of the defective part.

Claims made in accordance with this guarantee can be lodged with Ergoline or the Ergoline sales partner from whom the product was purchased on presentation of the guarantee card or invoice; this guarantee is valid for a period of 24 months from the date of purchase.

This does not affect the rights of the customer under the existing guarantee with regard to any claims that the customer might have in accordance with the contract of purchase.



Use the sunbed – but use it properly!

A few things need to be noted to get maximum enjoyment from a sunbed. Here are some answers to frequently asked questions.

Make-up on the sunbed?

Please don't. Clean skin absorbs UV light better.

A wide variety of materials is found in cosmetics. Again, whether these are emulsifiers, greases, or so-called scents - in conjunction with UV radiation, these can cause skin allergy reactions.

Accordingly, a must before using a sunbed is: Remove all make-up. This is essential. Make-up clogs the pores in the face. The UV light from a sunbed re-opens these clogged pores so that not only does the light penetrate the skin, but also the allergenic components of the make-up.

A further negative consequence of make-up is that the appearance of the skin deteriorates irreversibly over a period of time. However good a decent make-up looks - in conjunction with UV light, it causes more harm than good. Therefore: Remove all make-up before a session on your sunbed - it will be much better applied afterwards.

Showering after leaving the sunbed?

The browning is in the skin, not on it. Therefore you cannot wash it off. Treat your skin to a moisturizing cream after showering.

Are medicaments and the sunbed compatible?

It is known that some medicaments increase the skin's sensitivity to UV light. This probability is particularly high with antibiotics, sulphonamides, psychiatric drugs, tranquilizers, anti-diabetes treatments and diuretics. Suncreams which contain psoralen or kumarin also increase skin

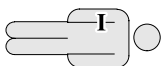
sensitivity. If you are in any doubt, first ask your doctor - then you can enjoy the sun at no risk.

Contact lenses on the sunbed?

The answer is: Yes! Like any other sunbed user, contact lens wearers should also wear special protective goggles which protect the eyes against UV radiation. To guarantee better protection, wearers of spectacles and contact lenses can ask their optician for exchange contact lenses with UV protection. The UV-A and UV-B filters built into exchange contact lenses will protect the cornea and the internal parts of the eye against almost 100% of the energy in UV radiation.

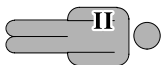
This will benefit sunbed users not only in the open air, but on the sunbed itself. You can wear these contact lenses on the sunbed without any restrictions. For more information, ask your optician or optometrist.

Tanning table symbols



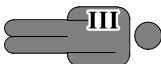
Skin type I (sensitive):

- Always burns / frequent sunburn.
- Accepts only a small amount of natural sun.
- No sunbed use permitted.



Skin type II (fair):

- Frequent sunburn.
- Can take approx. 10-20 min. of natural sun.
- Max. number of tanning sessions per year. see page 24.



Skin type III (normal):

- Seldom burns.
- Can take approx. 20-30 min. of natural sun.
- Max. number of tanning sessions per year. see page 24.



Skin type IV (dark):

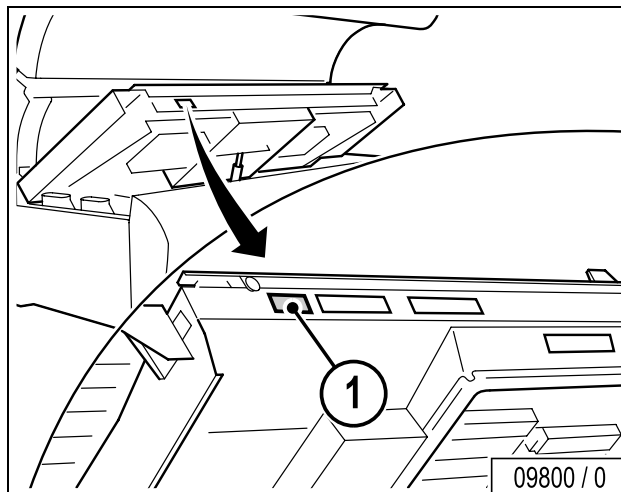
- Seldom burns.
- Can take approx. 40 min. of natural sun.
- Max. number of tanning sessions per year. see page 24.





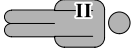
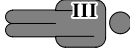

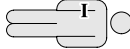
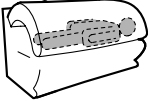

Note:

The sunbeds (except AFFINITY DYNAMIC POWER IQ) are supplied without low pressure lamps.







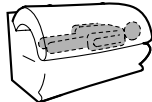

However, the tanning times are only valid for the lamp set specified on the sticker (1).





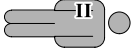
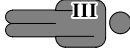

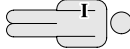
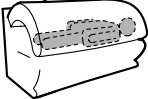

AFFINITY 500 SUPER POWER

		 Ergoline Super Power 100W			
					
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	2.	2	2	3	
	3.	2	3	4	
	4.	3	4	5	
	5.	3	4	6	
	6.	4	5	7	
	7.	4	6	8	
	8.	5	7	9	
	9.	5	7	10	
	10.	6	8	11	
	11.	6	9	12	
	12.	7	10	13	
	...	7	10	13	
Max. number of tanning sessions per year.		65	46	35	—



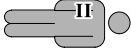
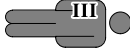

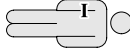
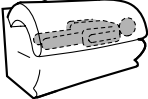

AFFINITY 500 TWIN POWER

		 Ergoline Super Power 100W / Turbo Power 160W			
		 II	 III	 IV	 I
	1.	2	2	2	
	2.	2	2	3	
	3.	2	3	4	
	4.	3	4	5	
	5.	3	4	6	
	6.	4	5	7	
	7.	4	6	8	
	8.	5	7	9	
	9.	5	7	10	
	10.	6	8	11	
	11.	6	9	12	
	12.	7	10	13	
	...	7	10	13	
Max. number of tanning sessions per year.		65	46	35	—

AFFINITY 600 TWIN POWER







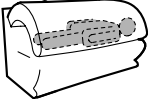

		 Ergoline Super Power 100W / Turbo Power 160W			
					
	1.	2	2	2	
	2.	2	2	3	
	3.	2	3	4	
	4.	3	4	5	
	5.	3	4	6	
	6.	4	5	7	
	7.	4	6	8	
	8.	5	7	9	
	9.	5	7	10	
	10.	6	8	11	
	11.	6	9	12	
	12.	7	10	13	
	...	7	10	13	
Max. number of tanning sessions per year.		65	46	35	—

AFFINITY 800 TWIN POWER



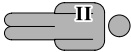
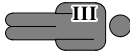

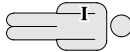
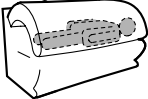

		 Ergoline Super Power 100W / Turbo Power 160W			
					
	1.	3	3	3	
	2.	3	3	4	
	3.	3	4	5	
	4.	4	5	6	
	5.	4	5	7	
	6.	5	6	8	
	7.	5	7	9	
	8.	6	8	10	
	9.	6	8	11	
	10.	7	9	12	
	11.	7	10	13	
	12.	8	11	14	
	...	8	11	14	
Max. number of tanning sessions per year.		63	44	34	—





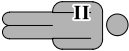
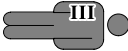

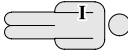
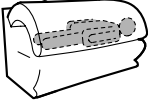

AFFINITY 660 SMART POWER

		 Ergoline Smart Power 160W			
					
	1.	3	3	3	
	2.	3	3	4	
	3.	3	4	5	
	4.	4	5	6	
	5.	4	5	7	
	6.	5	6	8	
	7.	5	7	9	
	8.	6	8	10	
	9.	6	8	11	
	10.	7	9	12	
	11.	7	10	13	
	12.	8	11	14	
	...	8	11	14	
Max. number of tanning sessions per year.		63	44	34	—



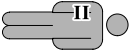
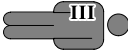

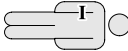
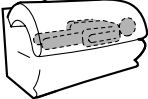

AFFINITY 880 SMART POWER

		 Ergoline Smart Power 160W			
					
	1.	2	2	2	
	2.	2	2	3	
	3.	2	3	4	
	4.	3	4	5	
	5.	3	4	6	
	6.	4	5	7	
	7.	4	6	8	
	8.	5	7	9	
	9.	5	7	10	
	10.	6	8	11	
	11.	6	9	13	
	12.	7	10	13	
	...	7	10	13	
Max. number of tanning sessions per year.		65	46	35	—

AFFINITY 660 DYNAMIC POWER







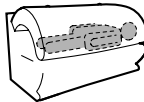

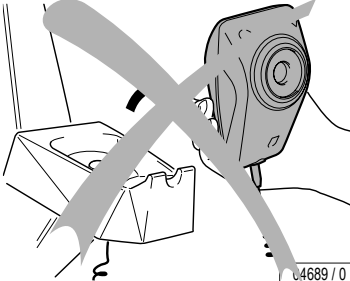
		 Ergoline Dynamic Power 160W (1002023)			
					
	1.	3	3	3	
	2.	3	3	4	
	3.	3	4	5	
	4.	4	5	6	
	5.	4	5	7	
	6.	5	6	8	
	7.	5	7	9	
	8.	6	8	10	
	9.	6	8	11	
	10.	7	9	12	
	11.	7	10	13	
	12.	8	11	14	
	...	8	11	14	
Max. number of tanning sessions per year.		65	46	35	—

AFFINITY 880 DYNAMIC POWER

		 Ergoline Dynamic Power 160W (1002023)			
					
	1.	3	3	3	
	2.	3	3	3	
	3.	3	4	4	
	4.	4	4	5	
	5.	4	5	6	
	6.	4	6	7	
	7.	5	6	8	
	8.	5	7	9	
	9.	5	8	10	
	10.	6	8	11	
	11.	6	9	13	
	12.	7	10	13	
	...	7	10	13	
Max. number of tanning sessions per year.		74	52	40	—

AFFINITY 660 DYNAMIC POWER IQ (maximum mode)



 Ergoline Dynamic Power 160W (1002022)					
	 II	 III	 IV	 I	
	1. 2	2. 2	3. 2		 <p>U4689 / 0</p> <p>For use in maximum mode only</p>
2. 2	3. 2	4. 3	5. 3		
3. 2	4. 3	5. 4	6. 5		
4. 3	5. 4	6. 5	7. 6		
5. 3	6. 5	7. 6	8. 7		
6. 3	7. 6	8. 7	9. 8		
7. 4	8. 7	9. 8	10. 9		
8. 4	9. 7	10. 8	11. 9		
9. 4	10. 7	11. 8	12. 9		
10. 5	11. 7	12. 8	...		
11. 5	12. 7	...			
12. 6	...				
...	6	9	12		
Max. number of tanning sessions per year.	77	51	38	—	







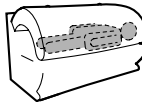

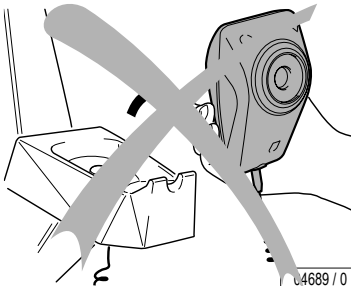


Note:

For the AFFINITY 660/880 DYNAMIC POWER IQ the tanning table is only valid for maximum mode, not for automatic mode.

AFFINITY 880 DYNAMIC POWER IQ (maximum mode)



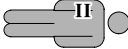
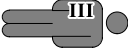

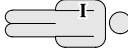
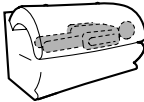

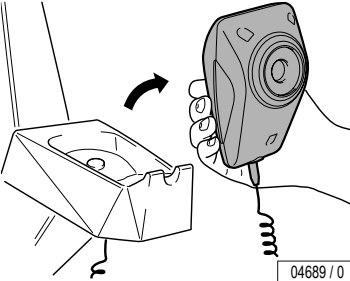


 Ergoline Dynamic Power 160W (1002022)						
	 II	 III	 IV	 I		
	1.	2	2	2		 4689 / 0
	2.	2	2	2		
	3.	2	3	3		
	4.	3	3	4		
	5.	3	4	5		
	6.	4	5	6		
	7.	4	5	7		
	8.	5	6	8		
	9.	5	7	9		
	10.	6	7	10		
	11.	6	8	11		
	12.	7	9	12		
...	7	9	12			
Max. number of tanning sessions per year.	85	56	42	—		For use in maximum mode only



Note:

For the AFFINITY 660/880 DYNAMIC POWER IQ the tanning table is only valid for maximum mode, not for automatic mode.

 Ergoline Dynamic Power 160W (1002022)					
					
	1. 2. 3. 4. 5. 6. 7. 8. 9. 10 11 12 ...				
					<p>For use in automatic mode only:</p>



Note:

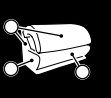
For the AFFINITY 660/880 DYNAMIC POWER IQ the tanning table is only valid for maximum mode, not for automatic mode.

Equipment

Sunbed equipment varies dependent on the model.

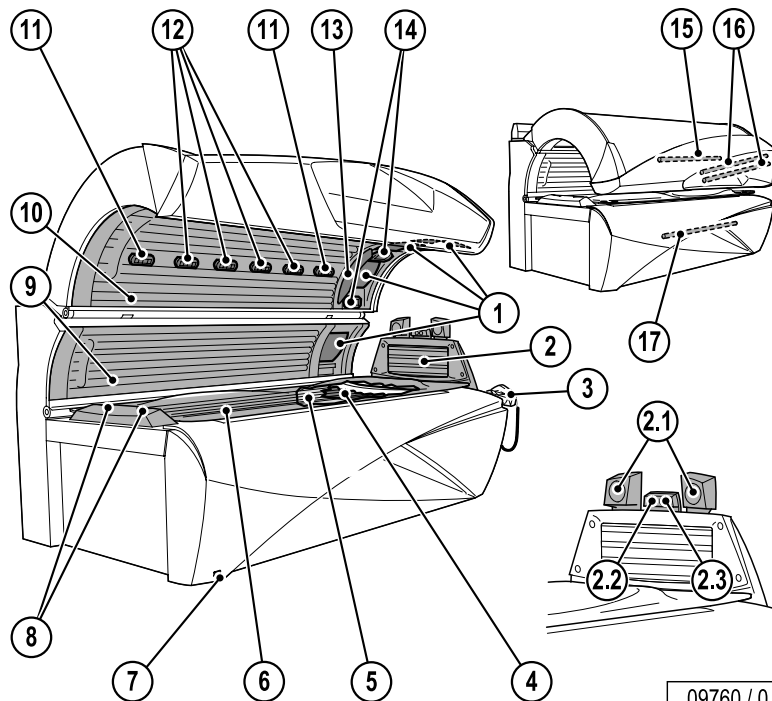
In this description, all standard and optional components/functions are taken into account which must be observed during operation and/or when performing maintenance.

The control panel is also affected by the differing equipment: Only those buttons are visible that can be operated, i.e. the corresponding function must be available based on the sunbed equipment.



Description of the AFFINITY series

1. Facial tanner (UV high pressure lamps)
2. Shoulder tanner with audio system
loudspeaker (2.1), headphone connection (2.2),
MP3-connection (2.3)
3. Sensor and base station
4. Ultraviolet low pressure lamps, base
5. Partition
6. Acrylic cover, base
7. Infrared interface
8. Body cooling air nozzles, foot end
9. Ultraviolet low pressure lamps, side section
10. Ultraviolet low pressure lamps, canopy
11. AQUA FRESH AROMA system nozzles
12. Body cooling air nozzles
13. Control panel
14. Adjustable air nozzles face cooling / AROMA
15. Interior lighting
16. Decorative lighting, canopy
17. Decorative lighting, front panel



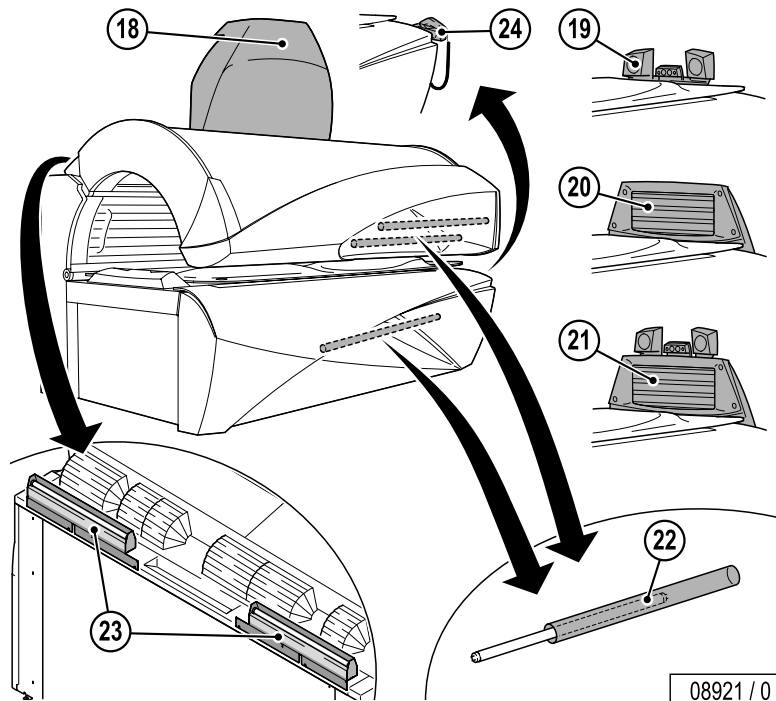
09760 / 0

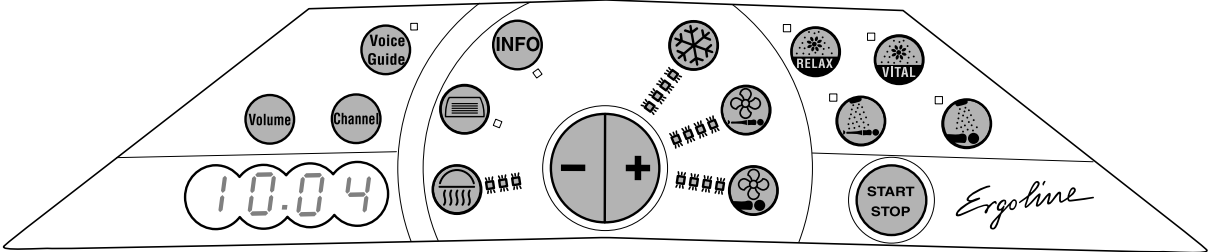
Accessories

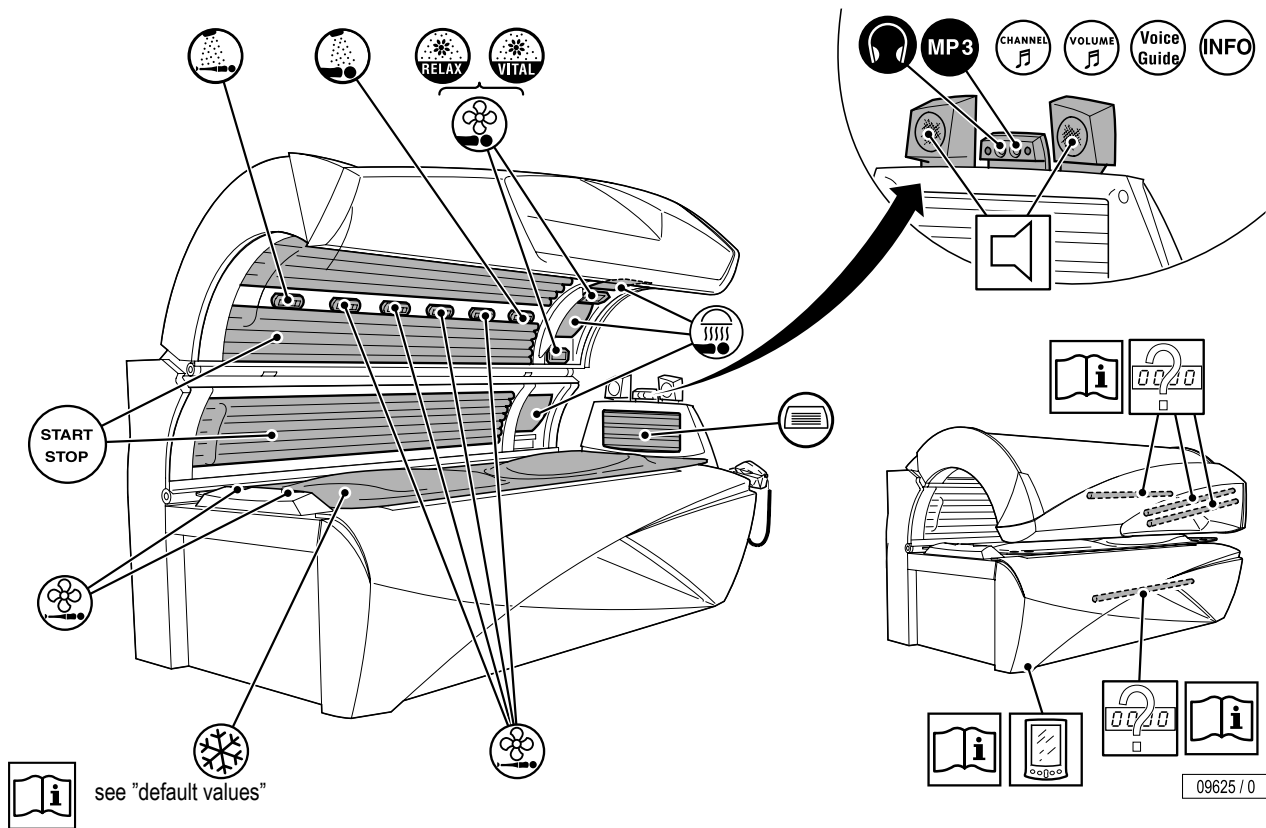
- 18. Central air discharge socket
- 19. Audio-system (with Voice Guide)
- 20. Shoulder tanner
- 21. Shoulder tanner with audio-system (with Voice Guide)
- 22. Mood Light
- 23. Ambient light (cubicle lighting)
- 24. Sensor and base station (upgrading only possible with DYNAMIC POWER fitted with audio-system)

Some of the accessories are considered in the maintenance plan from page 81 and in the spare parts section from page 133. However this does not mean that your sunbed is fitted with this equipment.

The order numbers and further accessory details are provided in the sales documentation and the planning manual.

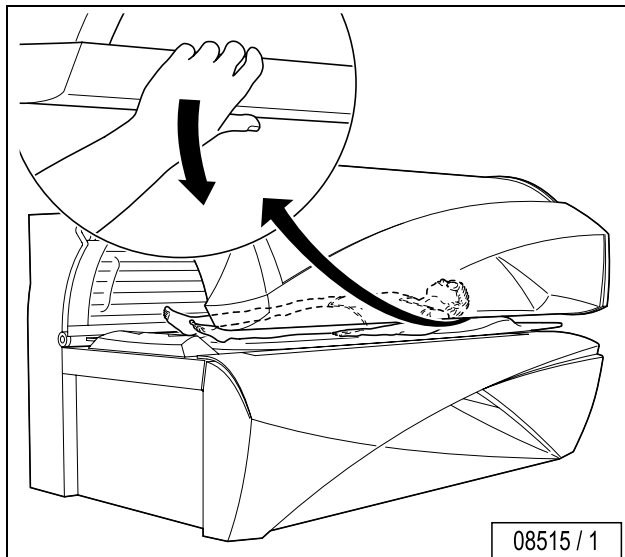




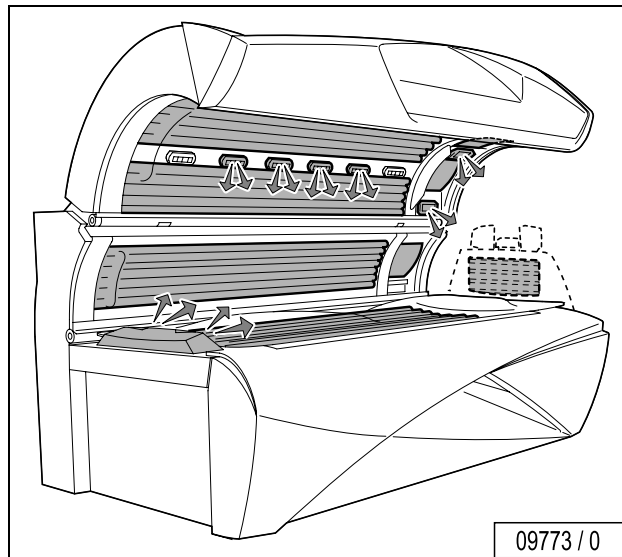


Start AFFINITY series (except DYNAMIC POWER IQ)

Close the canopy



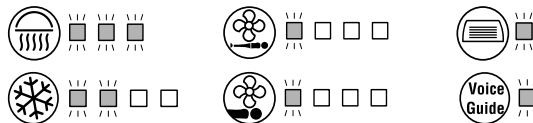
Start-up adjustments



Start



optional:





Automatic mode

The equipment can be operated automatically or at "maximum". The following conditions apply in automatic mode:

- The tanning time is the same for all users.
- The user's tanning type is determined by 2 readings taken using a calibrated sensor (calibration: see separate manual).
- The output from the UV lamps is matched to the tanning type reading and the degree of tanning that already exists.
- The power of the UV high pressure lamps can be manually reduced.



Note:

If the sensor remains in the base station or is placed there after the first measurement, the sunbed will be operated with the lamp on full power in maximum mode. However, the tanning time cannot be altered.

Timer control in automatic mode

If the appliance is operated with a time switch (e.g. coin/token operation), the minimum¹⁾ (minimum exposure) and maximum (maximum exposure) tanning times are set to the same times as the tanning times in automatic mode (10 to 20 minutes, default value 15 minutes) – see "default values".



Danger!

Burning is possible!

The measurement points must not be covered by cosmetics or lotion. Do not measure in hairy locations or where veins are present.



1) With Ergoline coin/token operated appliances (studio pilot/studio manager) the minimum tanning time is given by multiplying "minimum exposure" by "time for money".

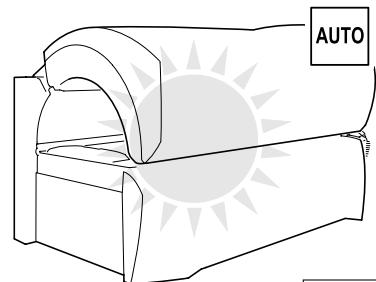
Formula:

Minimum tanning time = minimum exposure × time per money unit



...

Start (automatic mode)

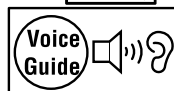
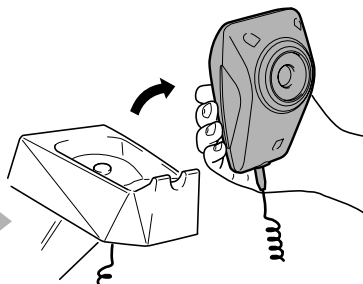
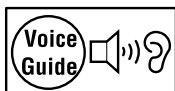


07972 / 0

Automatic mode



1



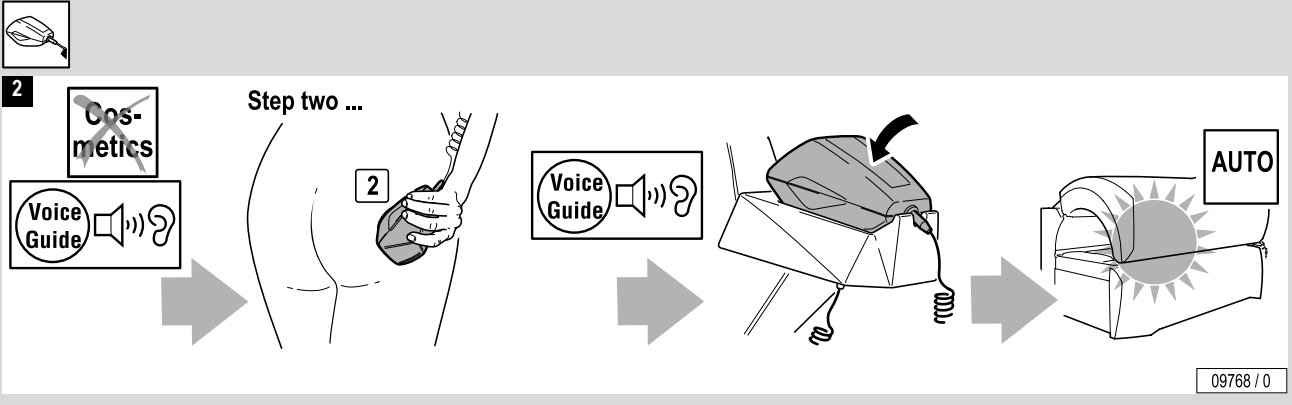
Step one ...

1



09763 / 0

...



Start (maximum mode)

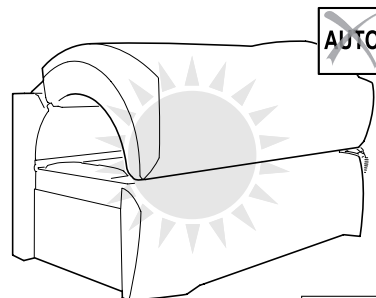


Danger!

Burning is possible!

The UV lamps are run at full power in maximum mode.

You must abide by the tanning times stipulated in the tanning table – see page 32/33.

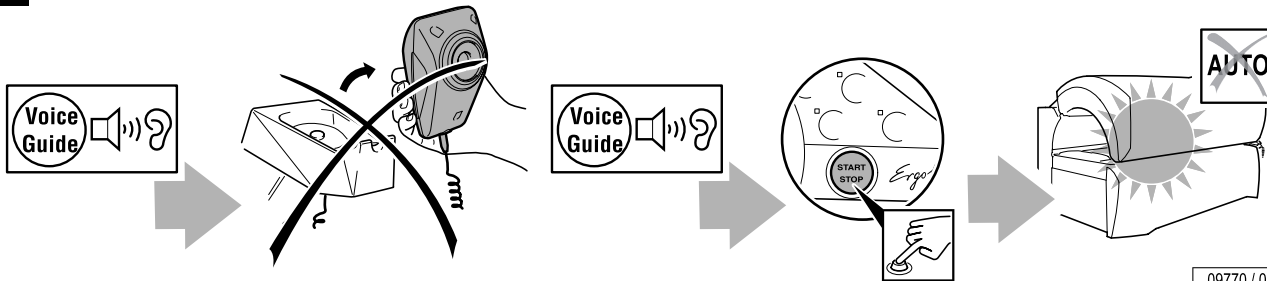


07972 / 0

Maximum mode

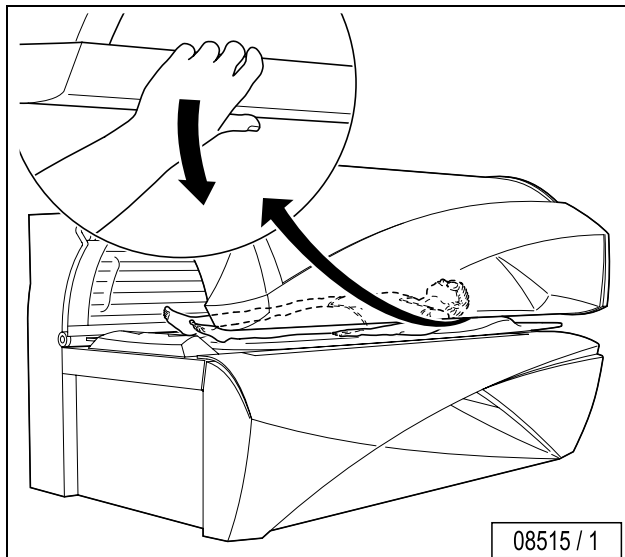


1

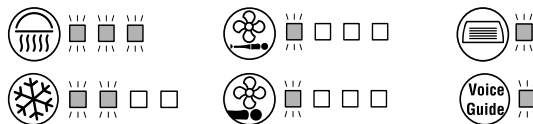
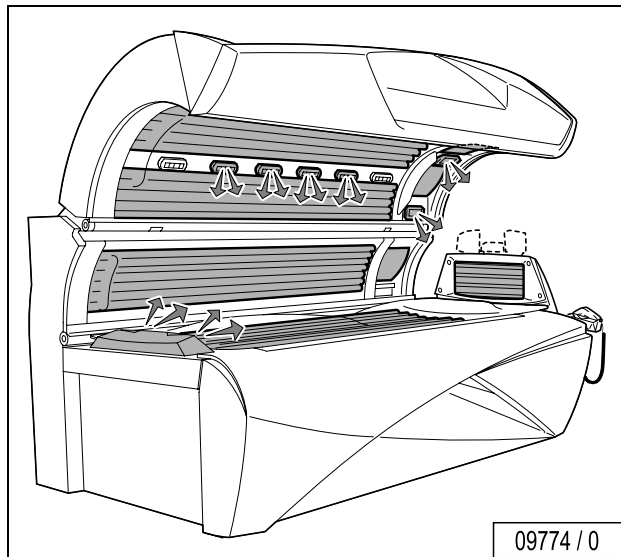


09770 / 0

Close the canopy



Start-up adjustments



Switching UV lamps on and off during tanning



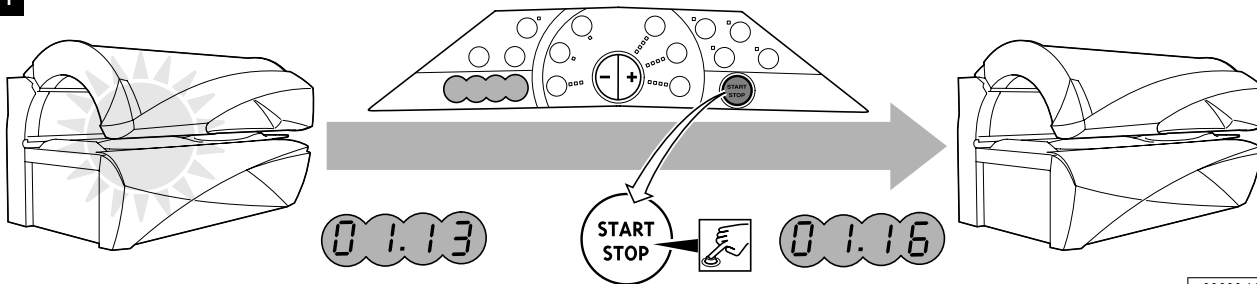
Note:

If the UV lamps are switched off during tanning, the tanning time continues to run.



STOP

1

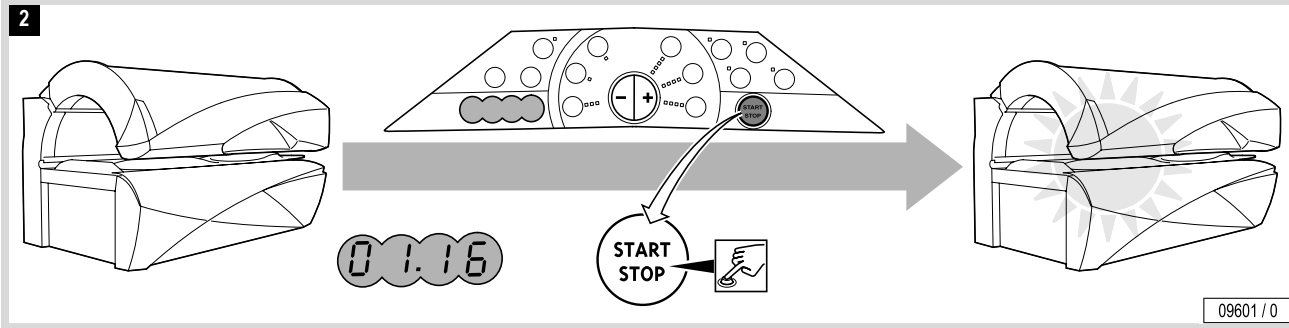


09600 / 0

...

START

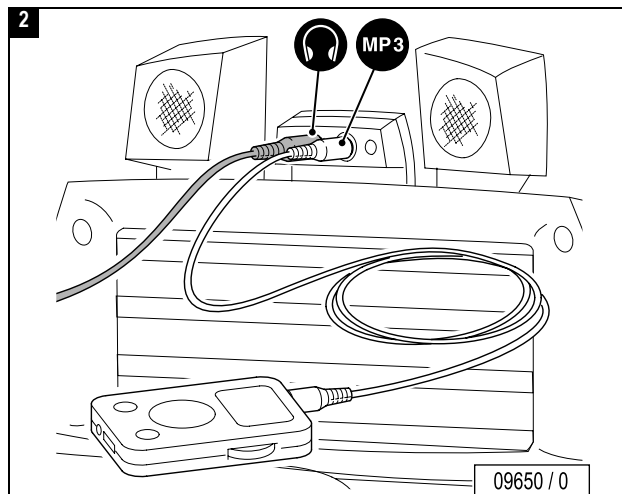
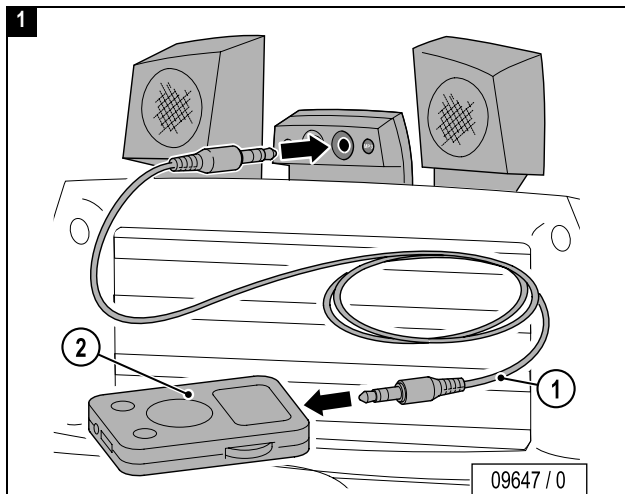
2



Connecting an MP3 player

Studio customers may connect their private MP3 players to the sunbed if the "Audio System" accessory is fitted.

MP3



- ① Mat.-Nr. 1001855-.. provided for use by the studio operator (1.5 m / 2 x 3.5 mm stereo jack plug).
- ② MP3 player connection: refer to the manufacturer's documentation.

Loud music may disturb other studio users!

- Use head-phones whenever necessary.



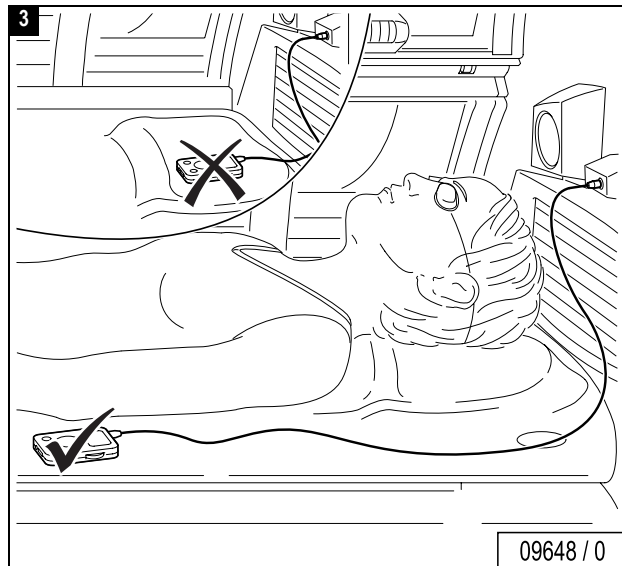
Warning!

Heat damage to the MP3 player is possible!

- Do not position it directly in the radiation receiving area.

Cable may break-off, cable jacks may be damaged!

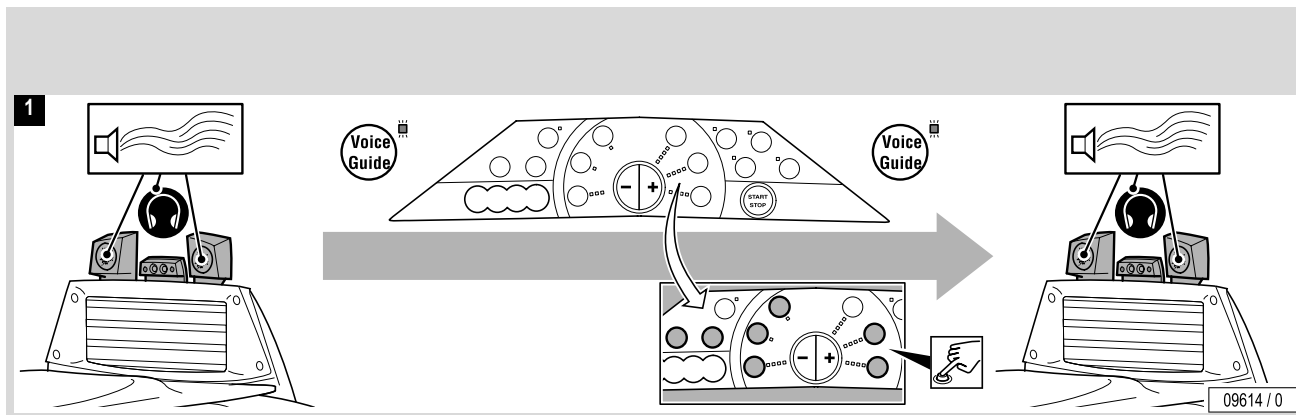
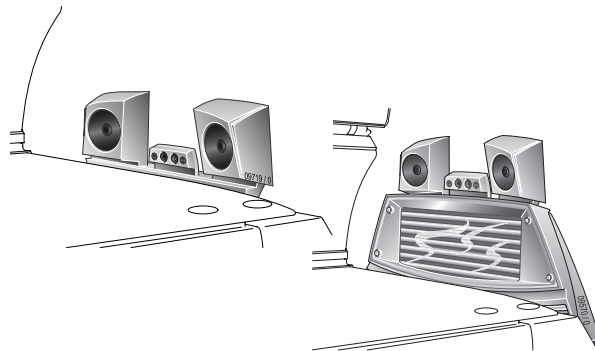
- Do not pull on the cable when unplugging the MP3 player.



Voice Guide

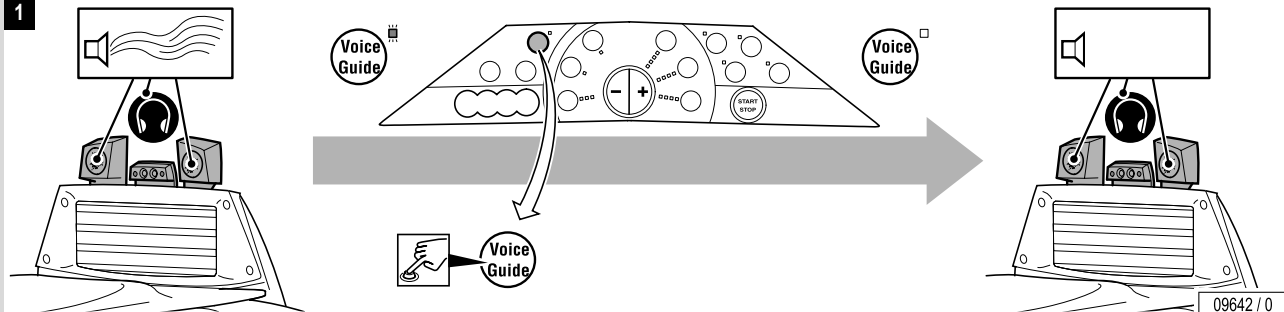
Voice guide gives acoustic help information when operating the sunbed and is only available in conjunction with the audio-system (with or without shoulder tanner).

Voice Guide is switched on by default when getting ready for operation and during tanning.



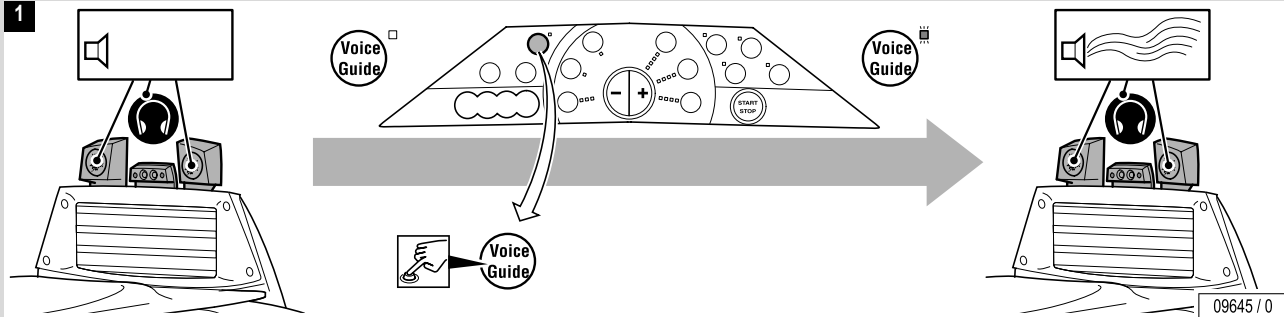
STOP

1



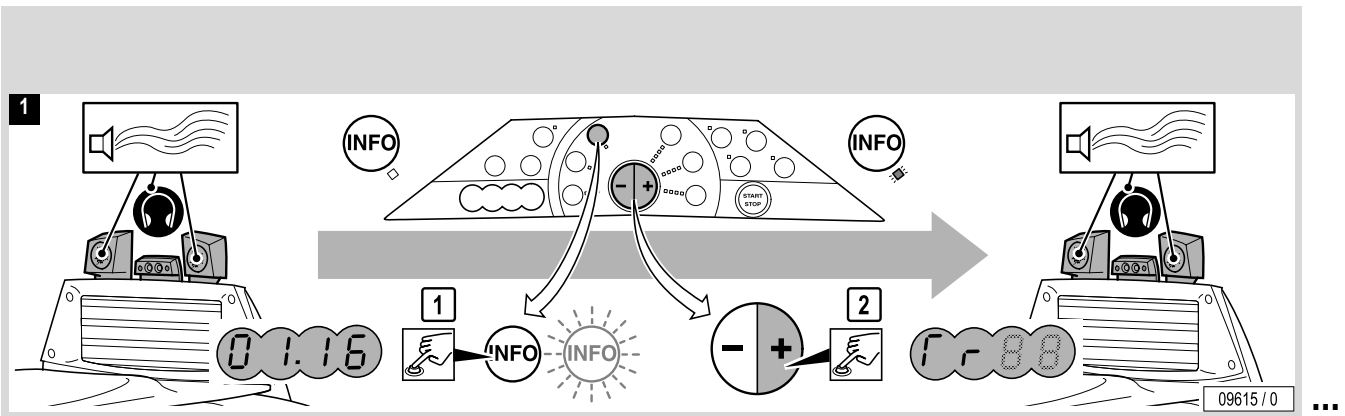
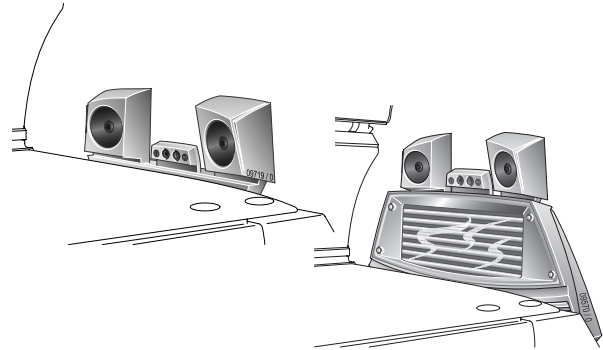
START

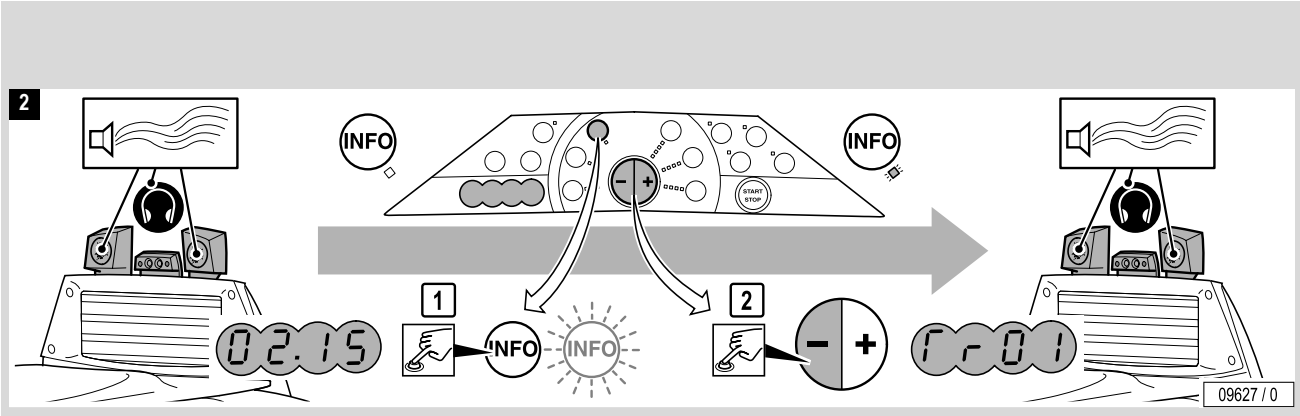
1



Listening to Info texts

General information about the sunbed.



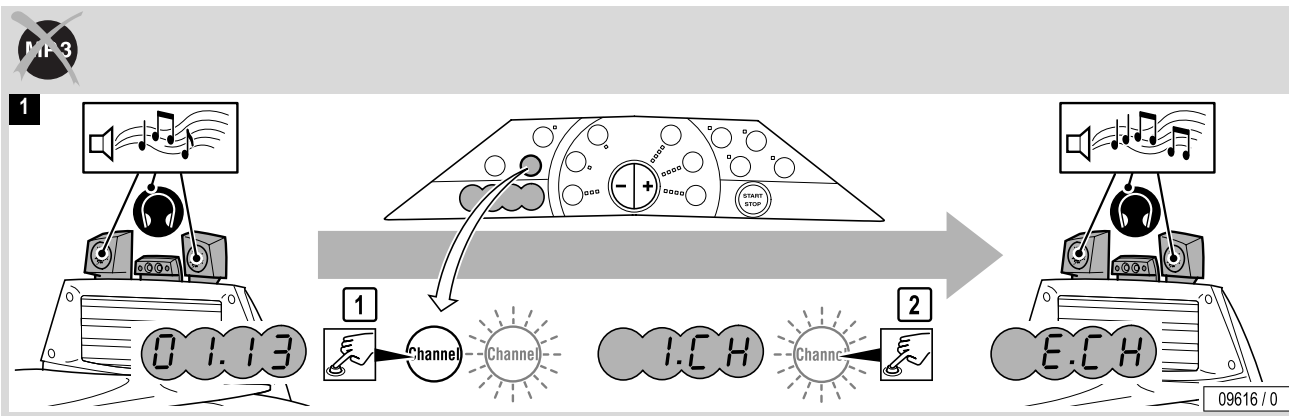
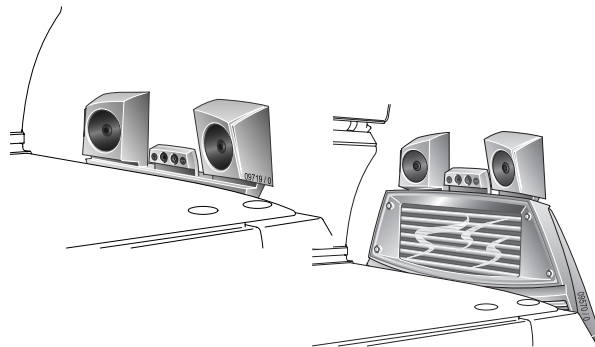


Selecting the audio system (channel)

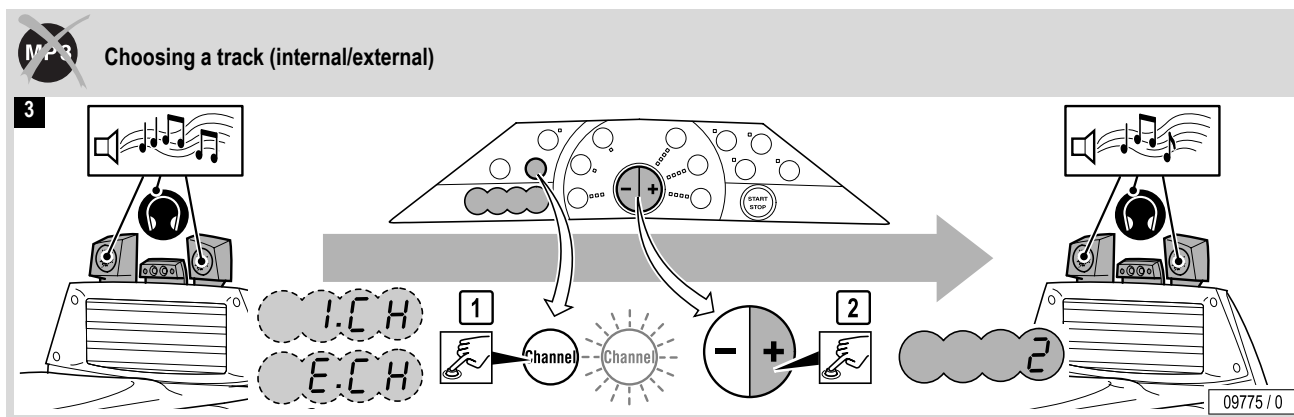
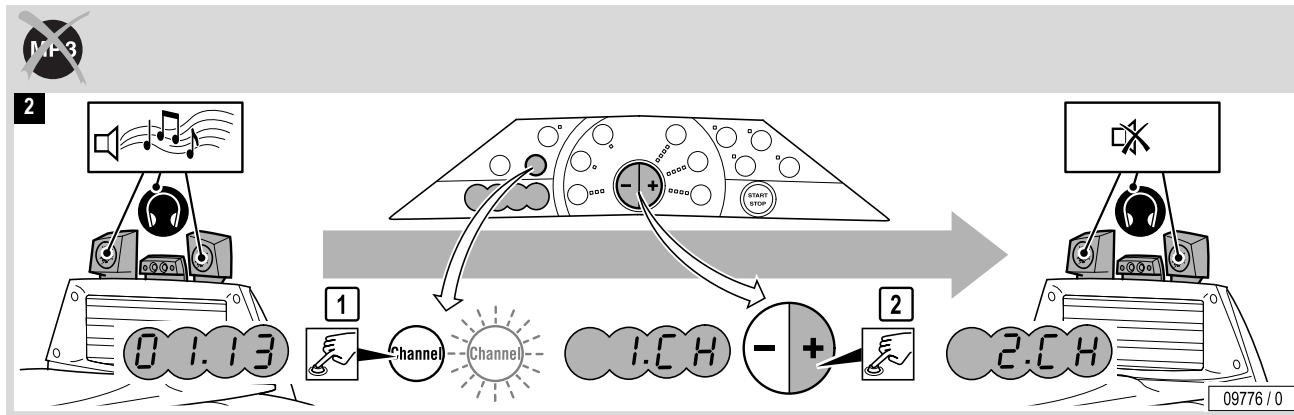
I.CH (internal): SD card "music"

E.CH(external): externally connected systems (e.g. CD-player)

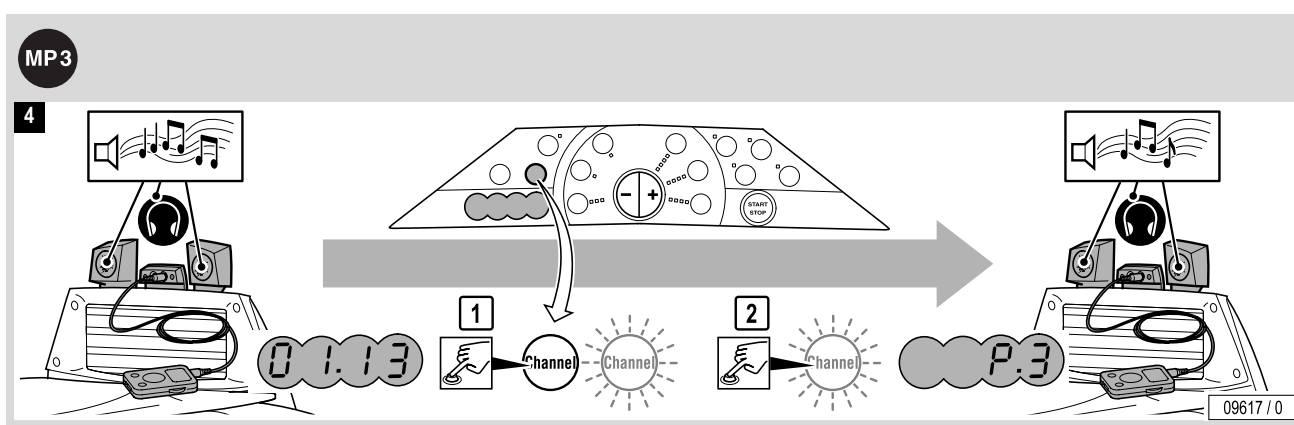
P.3: MP3 player



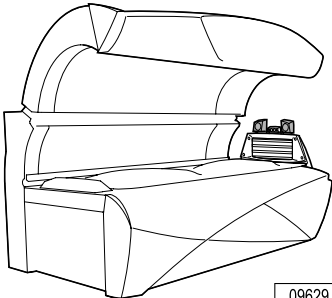
Selecting the audio system (channel)



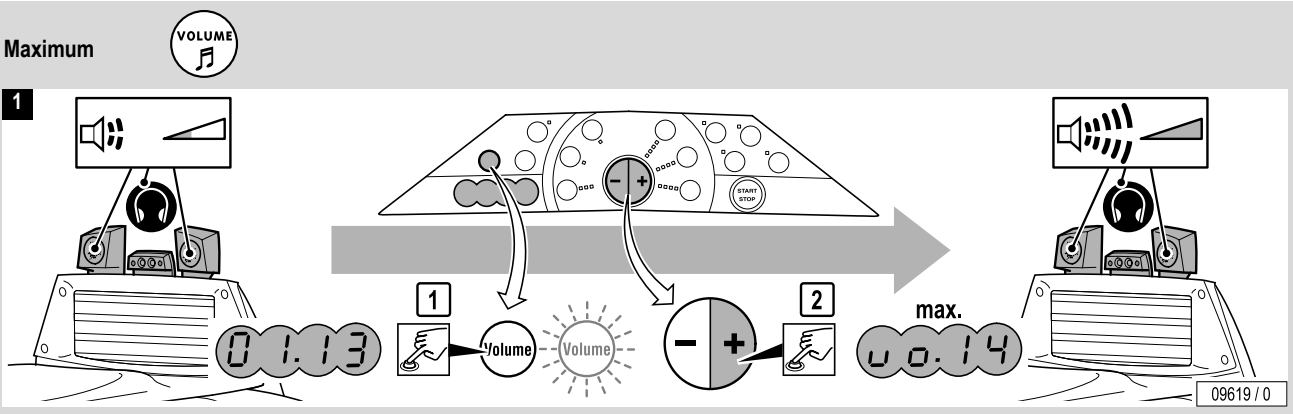
Selecting the audio system (channel)



Adjusting the volume and switching-off the audio systems

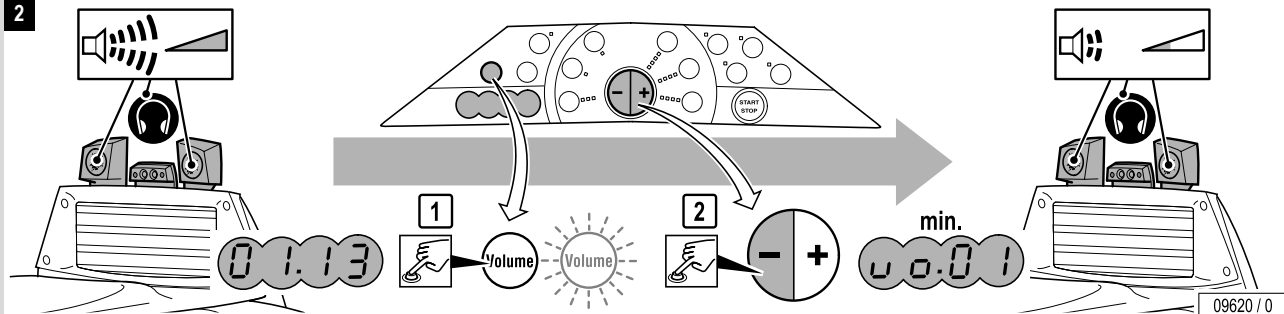


09629 / 0



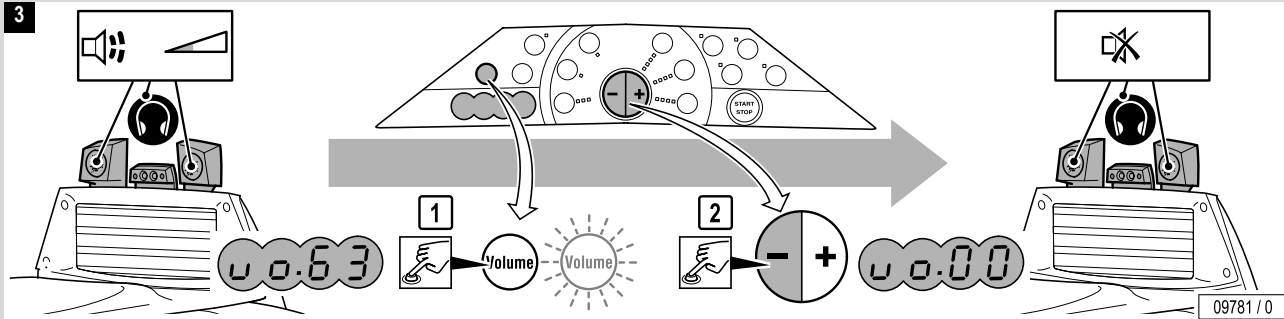
Minimum

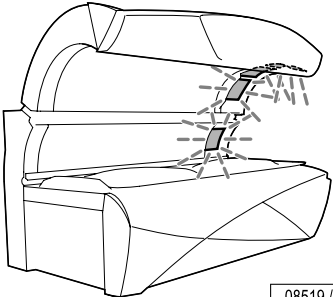
2



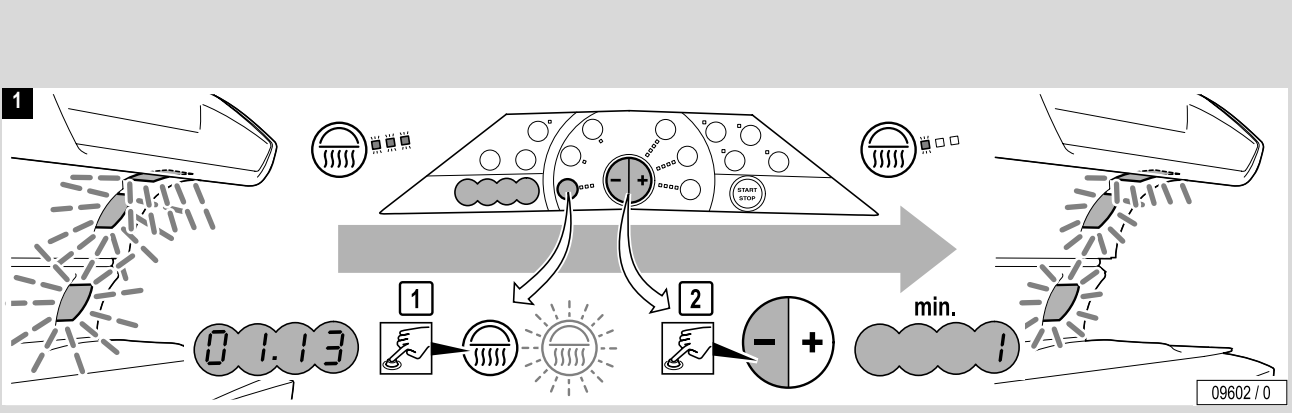
Off

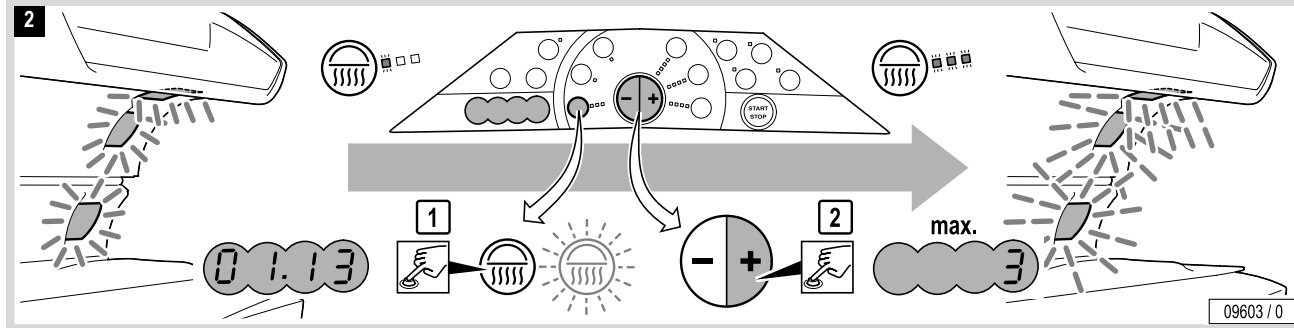
3



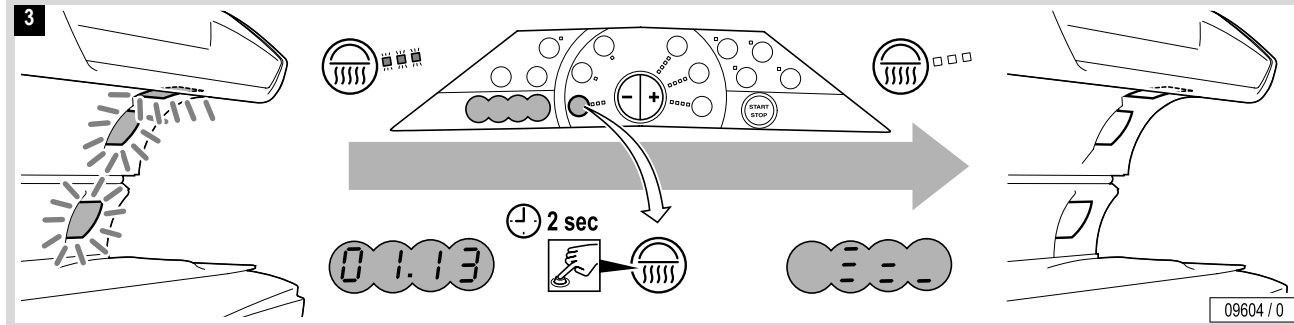


08519 / 0

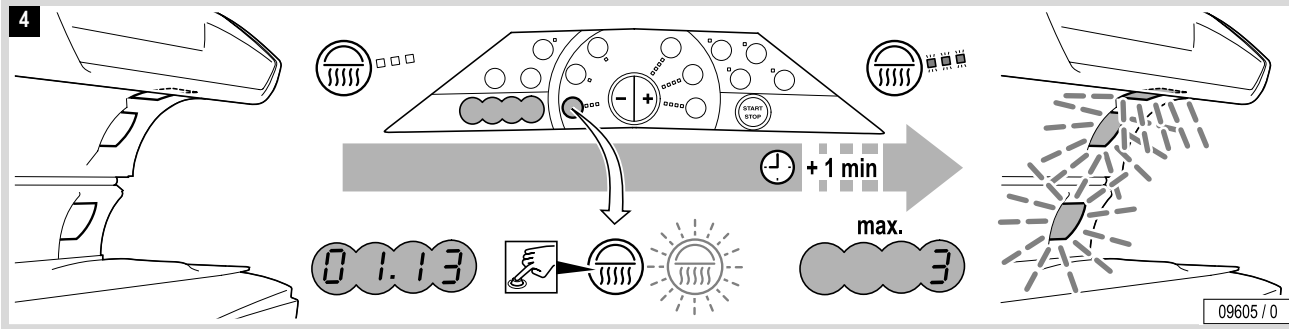




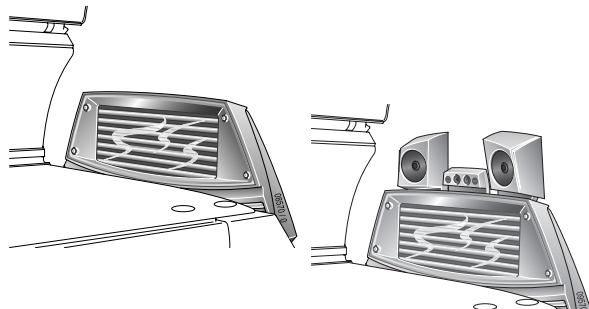
STOP



START

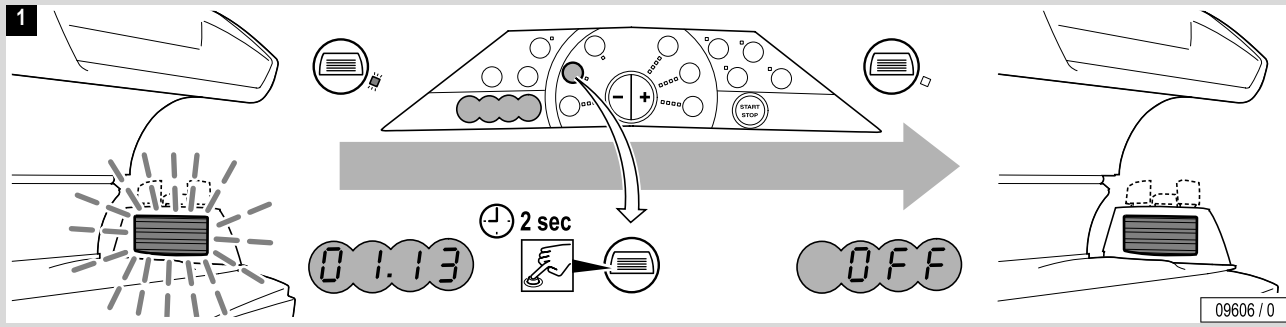


Switching shoulder tanner off and on (accessories)



STOP

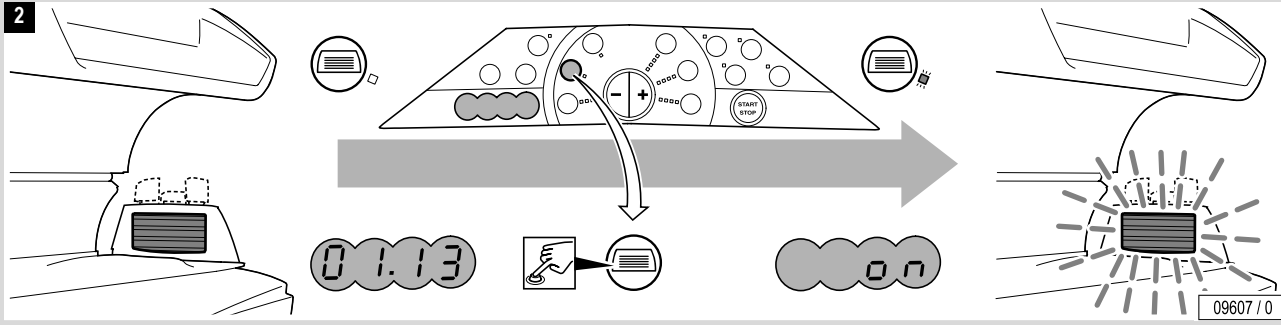
1



Switching shoulder tanner off and on (accessories)

START

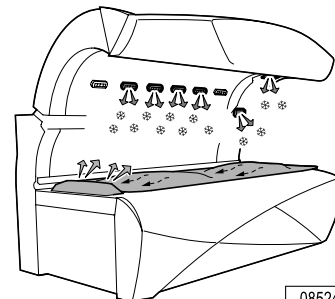
2



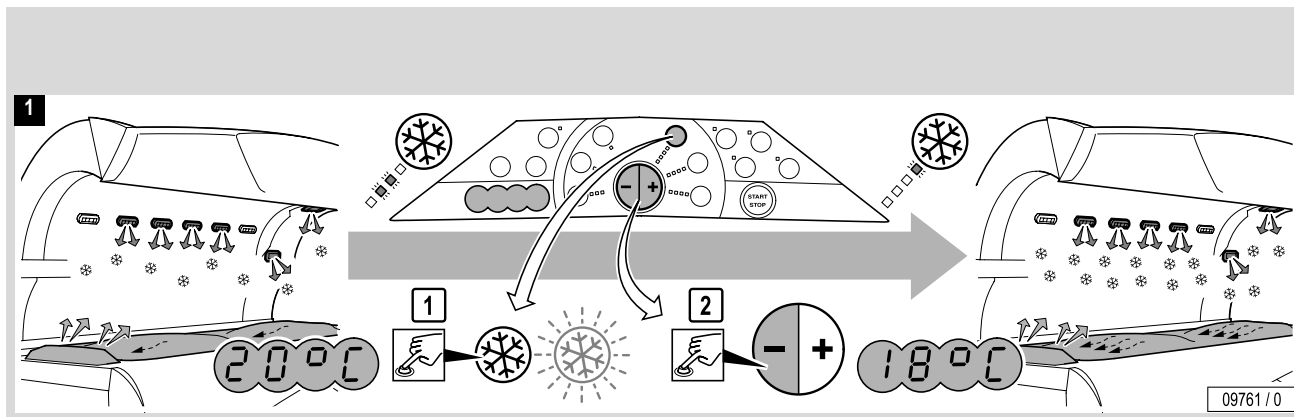
Climatronic – Regulating the temperature

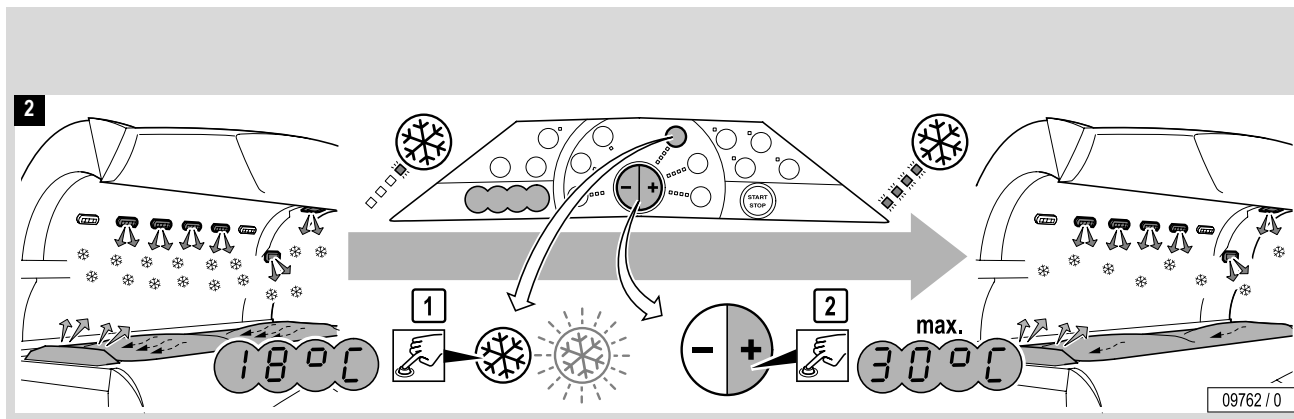
AFFINITY SMART POWER

AFFINITY DYNAMIC POWER

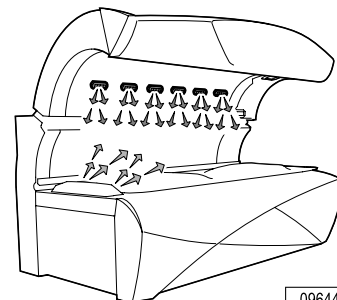


08524 / 0

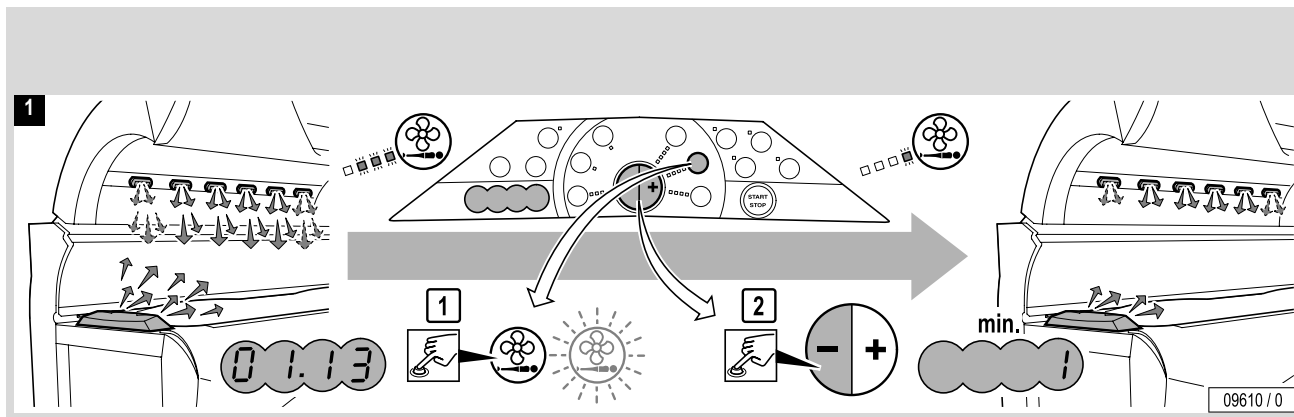




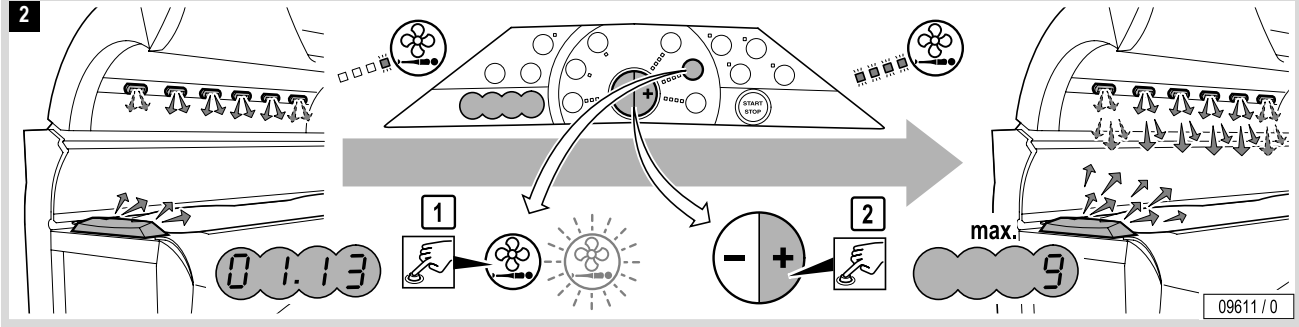
Regulating body cooling



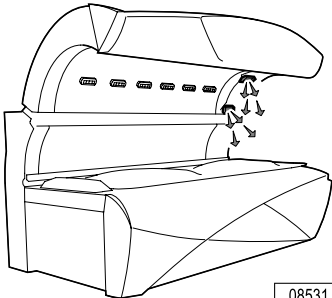
09644 / 0



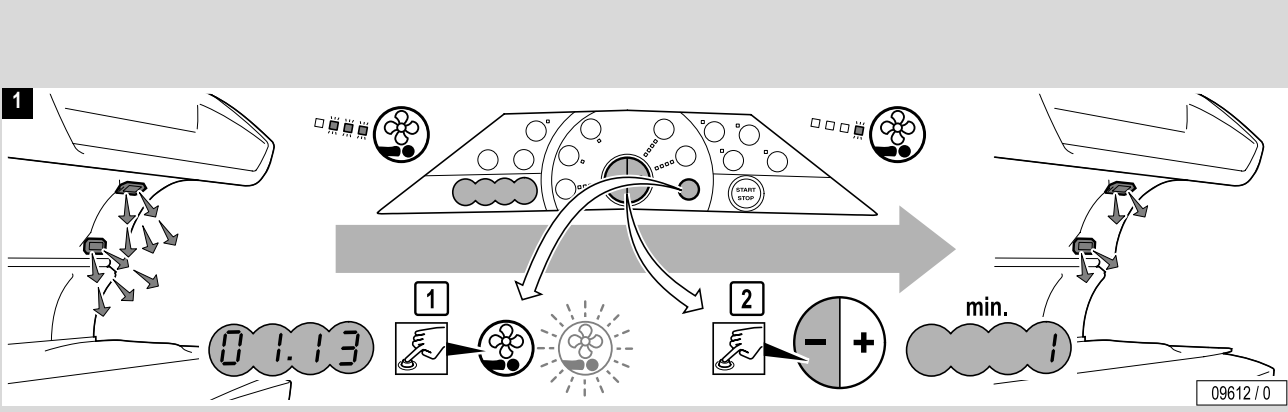
09610 / 0



Regulating facial cooling

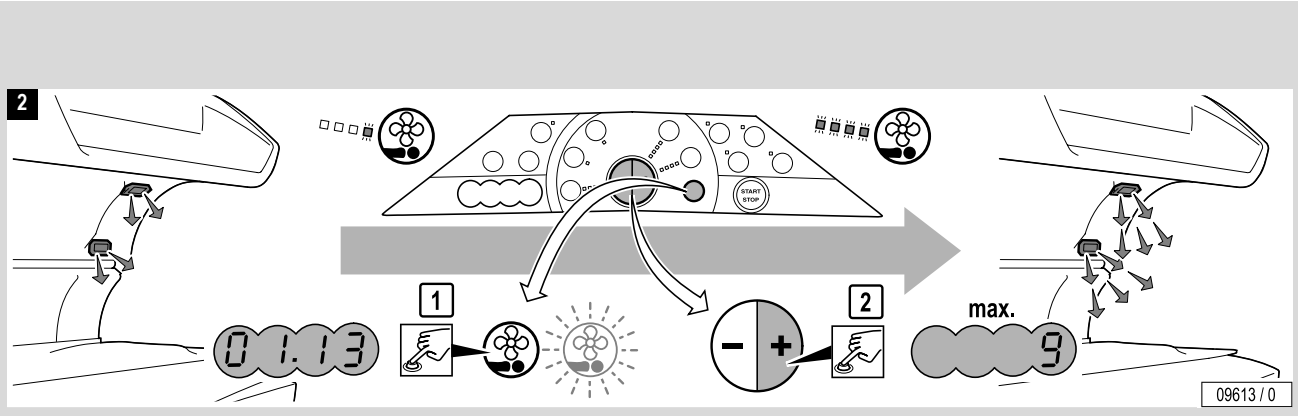


08531 / 0



09612 / 0

...

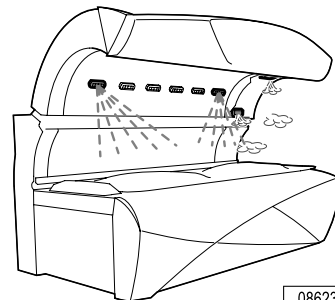


Switching AROMA on and off (e.g.: RELAX)

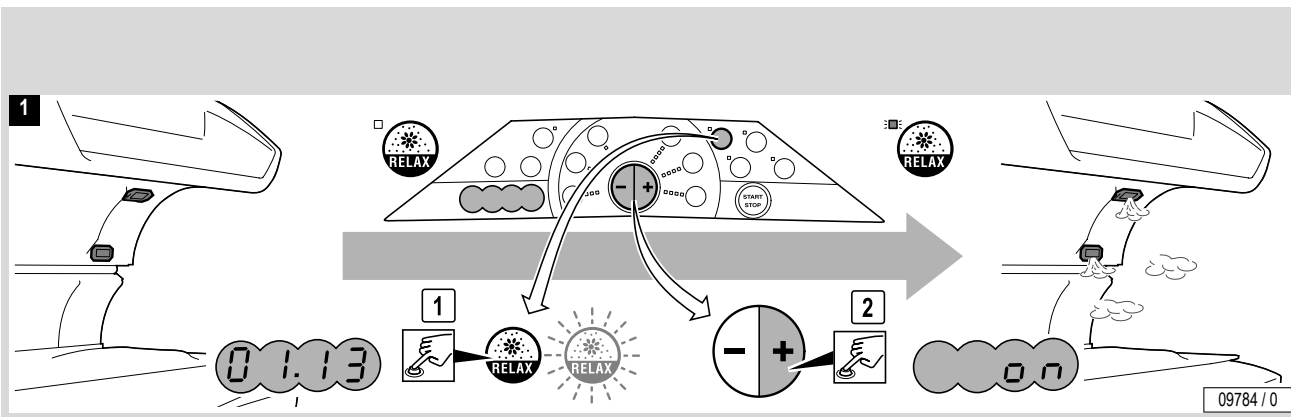
AFFINITY TWIN POWER

AFFINITY SMART POWER

AFFINITY DYNAMIC POWER

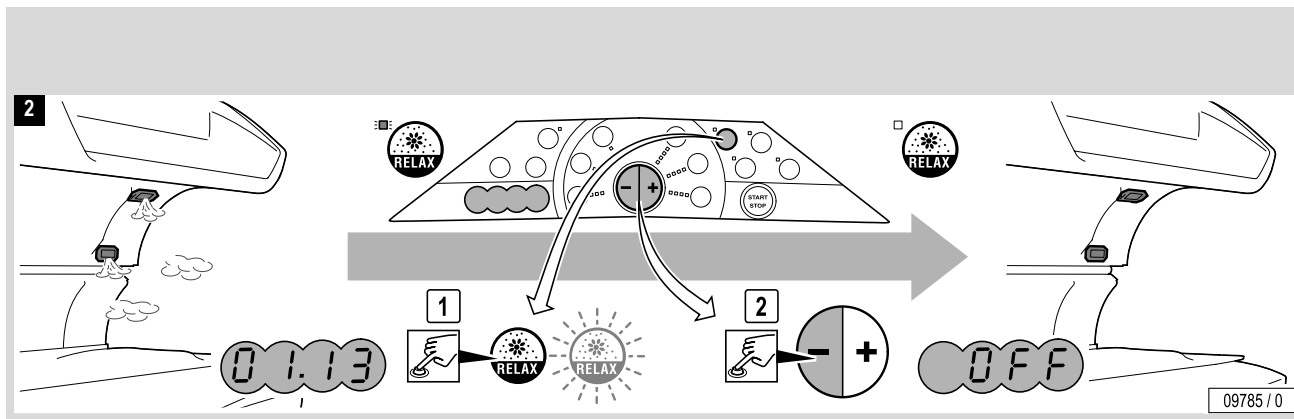


08623 / 0



09784 / 0

Switching AROMA on and off (e.g.: RELAX)

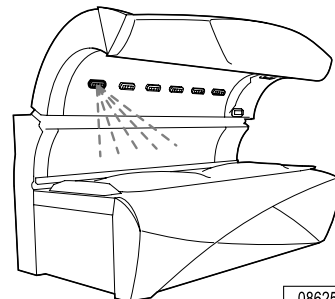


Switching AQUA FRESH body nozzles on and off

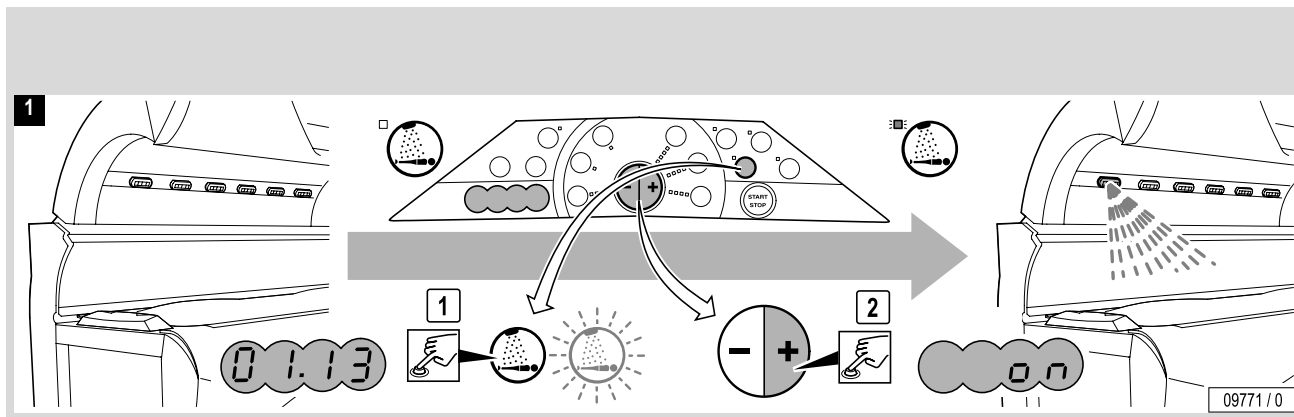
AFFINITY TWIN POWER

AFFINITY SMART POWER

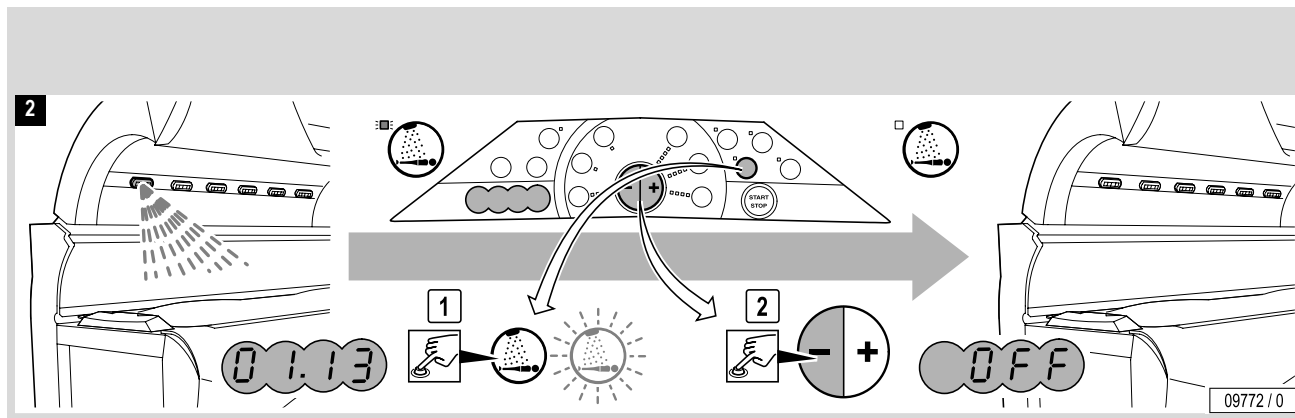
AFFINITY DYNAMIC POWER



08625 / 0



Switching AQUA FRESH body nozzles on and off

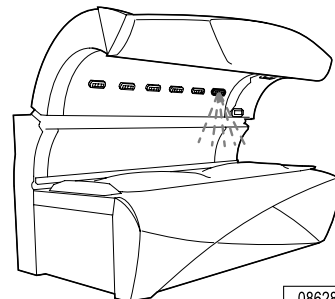


Switching AQUA FRESH head nozzles on and off

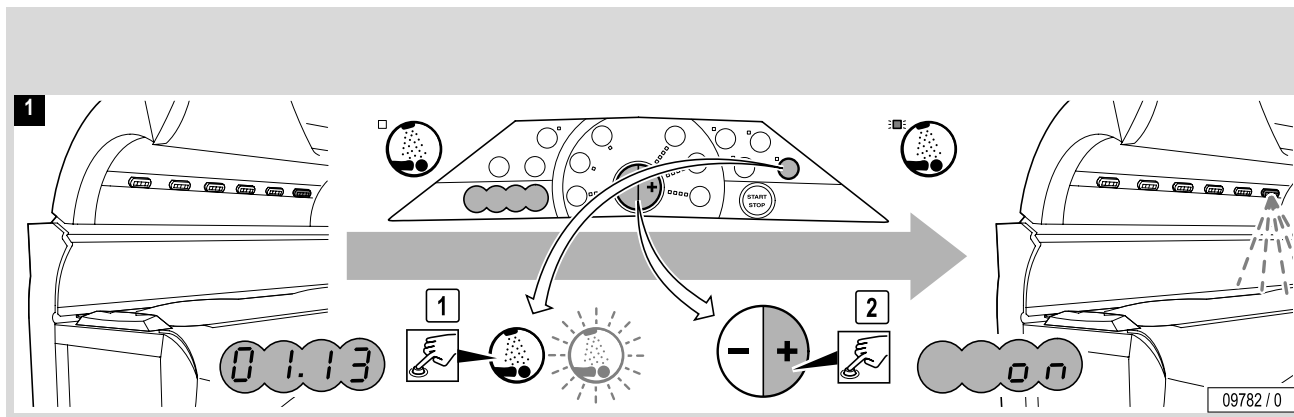
AFFINITY TWIN POWER

AFFINITY SMART POWER

AFFINITY DYNAMIC POWER



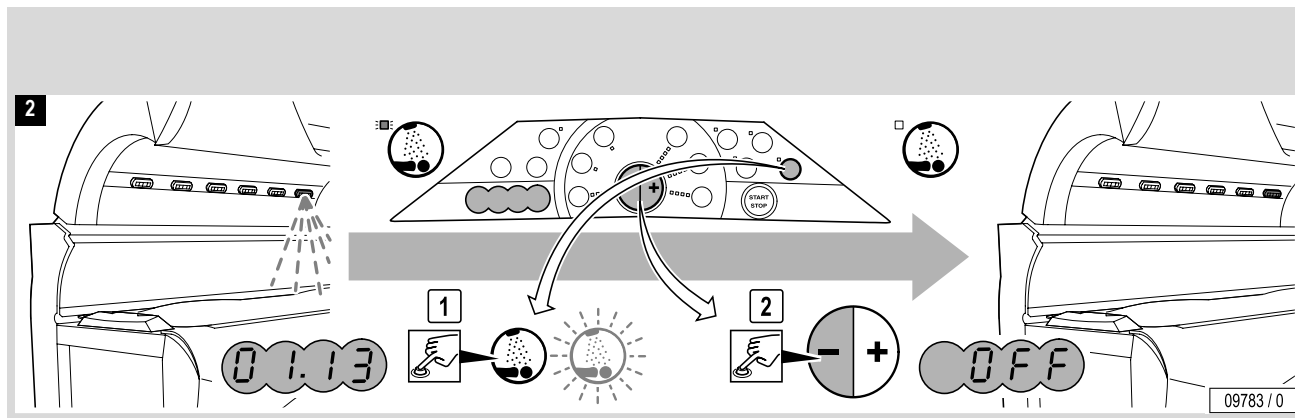
08628 / 0



09782 / 0

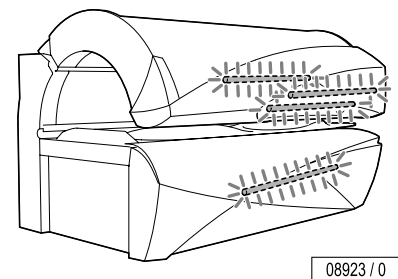
...

Switching AQUA FRESH head nozzles on and off

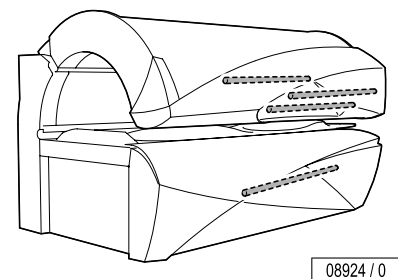


Stand-by

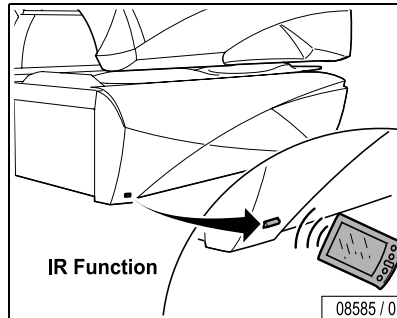
1



2



08924 / 0



IR Function

08585 / 0



Default values





Danger to life!

The sunbed must be set to zero-potential when performing maintenance work requiring the opening of the sunbed.
See Page 78.

Maintenance and care play a major role in deciding whether the sunbed meets the requirements placed on it in a satisfactory manner. Compliance with the specified maintenance intervals and the careful conducting of the maintenance and care work are therefore absolutely necessary.

The current operating hours of maintenance parts can be called up in service mode - see from page 78.

Remount any protective devices (e.g. filter panels) after completing work.

We point out that the sunbed must be subjected to regular inspections by our customer service or an approved specialised company every 12 months (from commissioning) to maintain its proper condition!



Note!

In the AFFINITY 660/880 DYNAMIC POWER and DYNAMIC POWER IQ the lamp output is electronically regulated. Therefore, the entire UV low-pressure lamp set must be replaced after the specified operating time. The new UV low-pressure lamps are not operable until the appropriate chip card is inserted (see Page 92).



Warning!

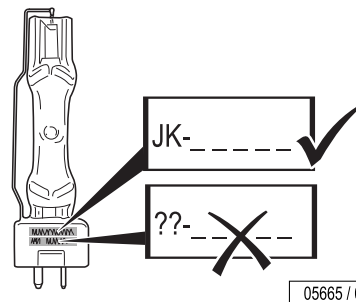
Only use genuine **spare parts** of the same type! The use of other parts invalidates the CE conformity!
Any liability for damage or injury proven to be the result of the use of non-genuine spare parts is excluded.



Fire hazard!

High pressure lamps that have not been approved by Ergoline can explode. Hot lamp components can set other parts on fire. People can be killed or severely injured due to smoke and fume inhalation.

- Only fit high pressure lamps recommended by Ergoline.
- Clean the inside of the sunbed regularly. Fluff is inflammable!



...

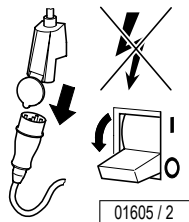
Deenergise sunbed and secure against being switched on again



Danger to life!

If work is to be performed on the sunbeds, they must be deenergised. That means that all live cables must be switched off.

Switching off the sunbed alone is insufficient, as certain points may remain energised. Therefore, switch off fuses before performing any work and – if possible – remove them.



A prohibition sign with the text: "Work in progress!"

- "Place:"
- "Sign may only be removed by:" must always be securely mounted immediately.



01511 / 1



Danger to life!

No-entry signs must not be fixed to live parts nor touch these.

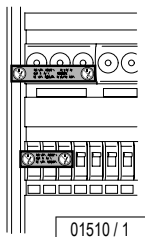


Danger to life!

Severe accidents can occur due to mistaken re-connection. Immediately after deenergising, secure all switches or fuses used for deenergising against being switched on again.

- Lock the fuse box with a padlock.

- In case of circuit breakers which cannot be unscrewed, a strip of adhesive tape may be applied over the actuation lever with the wording "Do not switch, danger!".



...

Faults

Error codes¹⁾ are output to the display to simplify troubleshooting:

- If a fault occurs, the error code flashes in the display.
- If several faults occur, the fault messages are displayed alternately.
- Fault clearance is acknowledged by pressing the **START/STOP** button.
- If the fault cannot be cleared, inform Customer Service – see page 2.



1) see also Error codes, order no. 800751



Cleaning



Risk of infections!

Infections can be spread by skin contact.

All objects/sunbed parts, which can come into contact with the user during tanning, must be disinfected after every tanning session:

- Acrylic glass panel
- Headrest
- Handles and control panel
- Adjustable air nozzles
- Protective goggles
- MP3 cable

Fast disinfectant cleaner®

Antifect concentrate, 250 ml

Spray bottle, 1 ltr. (empty)

Spray head

Mixing container, 5 ltr. (empty)

Order No.: ▲ 800 1813-..

Order No.: ▲ 800 1513-..

Order No.: ▲ 800 1613-..

Order No.: ▲ 800 1713-..



Note:

For thorough disinfection, the application time must be adhered to.

Follow the manufacturer's instructions for use.

Acrylic glass surfaces



Warning!

Do not rub with a dry cloth – danger of scratching!

For fast, hygienic proper cleaning of acrylic glass surfaces, use the specially developed fast disinfectant cleaner Antifect®.

Other cleaning agents, especially concentrated disinfectants or solvents (e.g. Lysoform, ethyl alcohol or other liquids containing alcohol) must never be used for cleaning.

Failure to observe this voids all guarantee claims.

▲: JK-Licht GmbH – see page 2.



Plastic surfaces

For cleaning the remaining plastic surfaces, it is best to use warm water and a leather cloth. Never use aggressive cleaning agents containing alcohol, e.g. the commercially available Sagrotan, or ethereal oils. These may lead, in the long run, to damages not covered by the guarantee.

During cleaning a slight discolouration of the leather cloth by the rubber seals must be expected for production-related reasons.



Note:

Prevent damage to the acrylic glass and plastic surfaces. Remove rings, watches, bracelets etc. before the start of cleaning work.



02756 / 0

Filter and filter mats



Filter in base

Dry cleaning: Vacuum cleaner (depending on the degree of soiling)

Moist cleaning: water and detergent, also a dishwasher.



Filter mats in canopy, in shoulder tanner

Dry cleaning: vacuum cleaner

Moist cleaning: water and a mild detergent. Do **not** use a washing machine.



Warning! The sunbed may be damaged by moisture!

When re-assembling, the cleaned filters and filter mats must be dry.



Warning! Risk of damage to the sunbed!

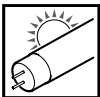
Regularly check filter mats and cooling fins of the air conditioning system and clean if necessary - see page 89.

For cleaning of the cooling fins we recommend use of the special fin comb, part.-no. 15720470.



Cleaning filter panels and lamps

The UV high-pressure lamps used are broadband radiators that can be operated with different wattages (approx. 240-520 W).



UV low pressure lamps: Clean with clear water
(moist cloth)



UV high pressure lamps: Glass flask with industrial alcohol
if required.



Filter panels: Clean with clean water
(moist cloth).



AQUA FRESH

The AQUA FRESH function sprays a fine mist of AQUA SOLAR WITH SKIN+ ADDITIVE into the tanning chamber.



Customer hazard!

Water that has been contaminated with bacteria can cause skin rashes and other allergic reactions in sunbed users.



- Therefore, do not fill the AQUA FRESH canister with tap water or any other liquid.



- Only replace the AQUA FRESH canister with a genuine canister.



- Do not add any liquid remaining in the old canister to the new canister!
- Ensure that the maximum temperature specified is not exceeded during transport and storage.
- Note the expiry date on the canister.

AROMA

The AQUA FRESH AROMA system also includes fragrances with the scents "Relax" and "Vital", which are distributed via the head nozzles.

A third aroma "Cubicle" is distributed in the cubicle.



Note:

Alternatively further fragrances are available. More information is available from JK-Licht GmbH.

Acrylic covers

The acrylic covers for the sunbeds are produced of acrylic glass developed especially for this application. The acrylics used are characterised by a particularly high UV permeability and resistance, as well as an easy-care, hygienic surface that is gentle to the skin.

The acrylic covers are formed to sunbed-specific shapes in a technically complex production process. Despite state-of-the-art production know-how, the presence of minor spots, air bubbles or streaks in the acrylic panels is unavoidable. In addition, hairline cracks can occur on the acrylic glass panel during operation.

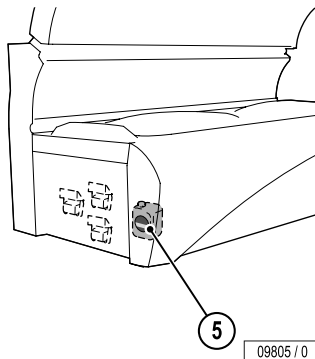
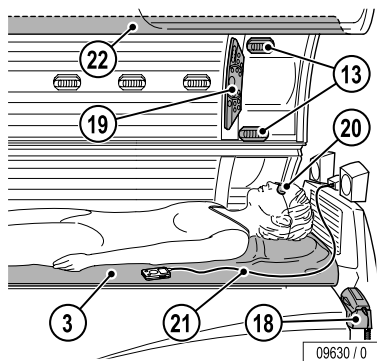
These occurrences are material-dependent and are unavoidable in processing, however have no significant effect on the utility value and can therefore not be recognised as defects.



Warning!

Cosmetics or sun screen products must be removed prior to tanning as they can cause damage (e.g. fine cracks on the surface) when used continuously.





After each tanning



13 Adjustable air nozzles 81

19  81

20  81

21 MP3 cable  81


3  81

18  91

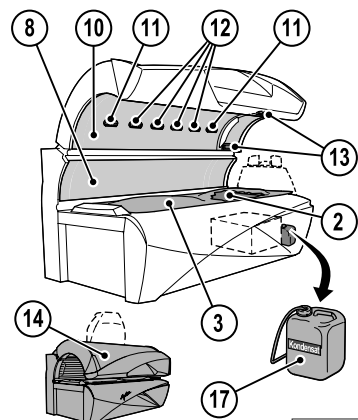


Cleaning must be confirmed by pressing the START/STOP button (if the warm-down time of the main fan has finished).

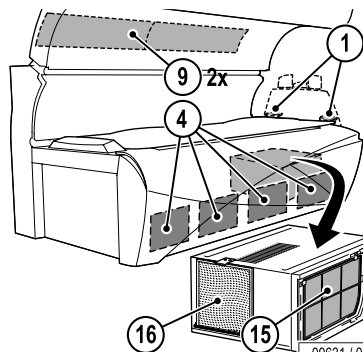
Intervals

5  Intervals, see "Product information
AQUA SYSTEM"
(order no.: ▲ 801610-..).





09787 / 0



09631 / 0



② - ⑭



81

⑤



125

⑰



Empty



120

50 h



④



115

⑨



117

①



118

⑮



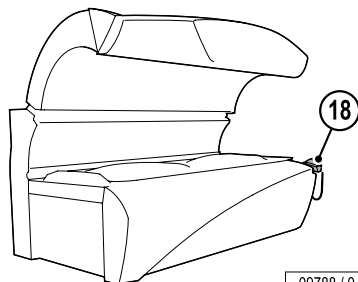
120

⑯

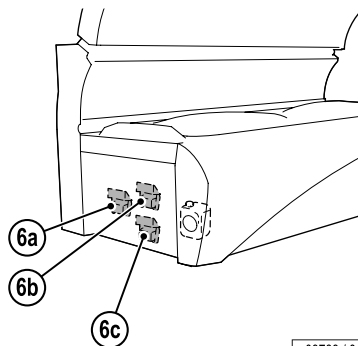


120

...



09788 / 0



09789 / 0

30 days



18



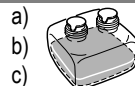
The sensor must be recalibrated every 30 working days, so that the user's tanning type can be determined reliably and the lamp output matched to the tanning type. Calibration: see separate guide "Calibration" (Order no.: ▲ 842952-..)



300 h



6

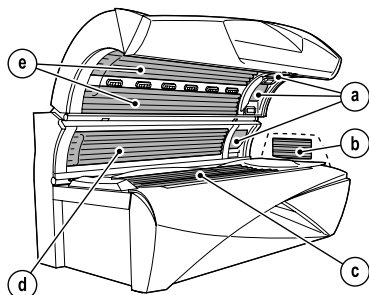


a)
b)
c)

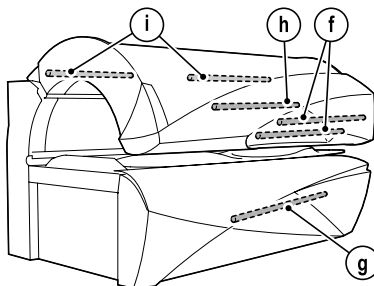


84, 84





08634 / 1



08535 / 2

500 h



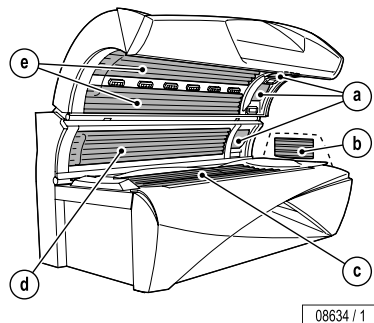
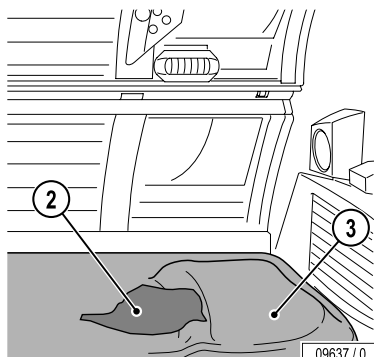
a)				104, 107
b)				96
c)				94
d)				98
e)				100

1000 h



b) - e)				94, 96, 98, 100
f) g) h)				102, 110, 112
i)				113

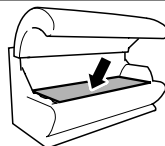
...



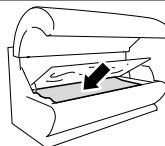
1500 h



②



③



3000 h

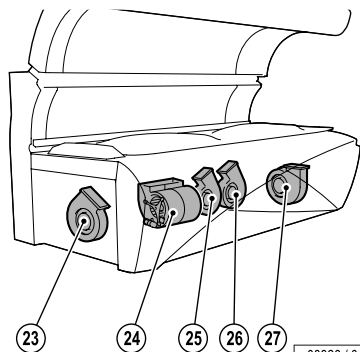


a)



104,
107





40 000 h



23

24

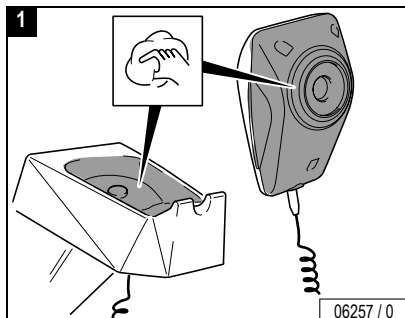
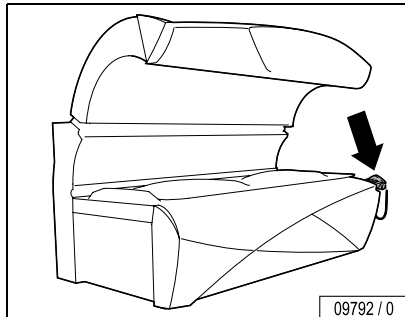
25

26

27



Sensor and base station cleaning (DYNAMIC POWER IQ)



Disinfect sensor and base station after each use with Antifect®.



Warning!

Do not spray or immerse! Wipe only with a soft and slightly damp cloth!



Warning!

Do not rub with a dry cloth – danger of scratching!

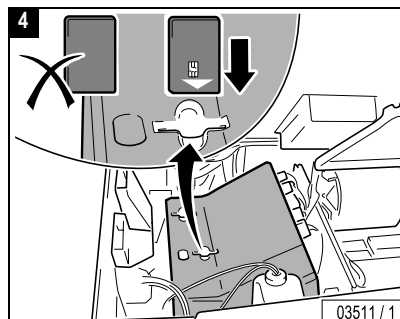
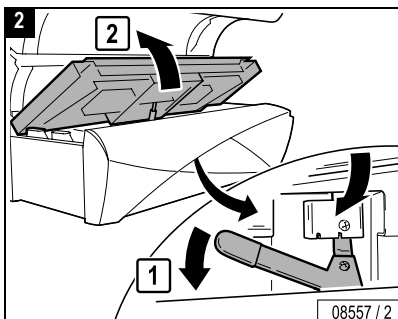
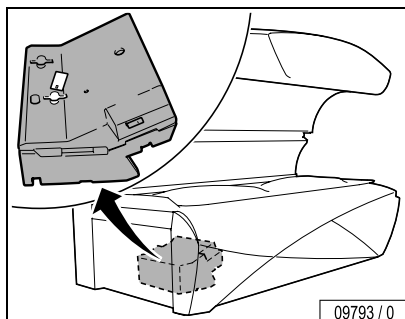
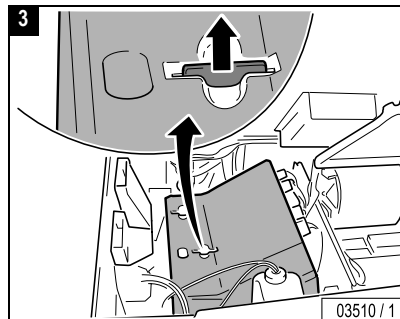
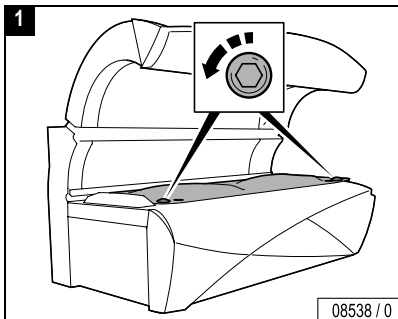
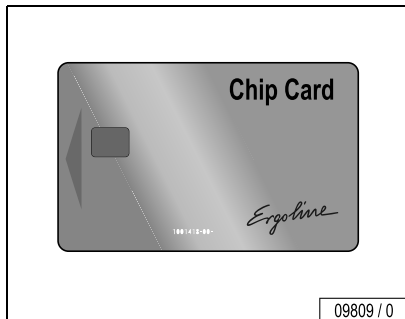
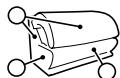
For cleaning of sensor and base station use only the specially developed fast disinfectant cleaner Antifect®.

Other cleaning agents, especially concentrated disinfectants or solvents (e.g. Lysoform, ethyl alcohol or other liquids containing alcohol) must never be used for cleaning.

Lens and rubber seals will be permanently damaged.

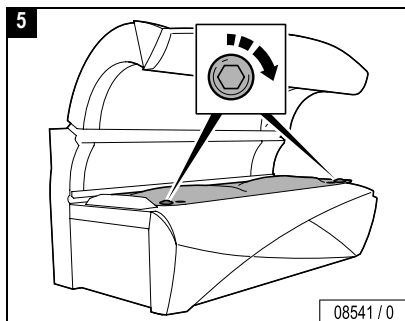
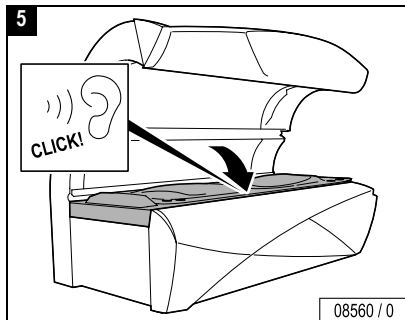
Failure to observe this invalidates all guarantee claims.

Inserting the chip card of the new lamp set (DYNAMIC POWER)

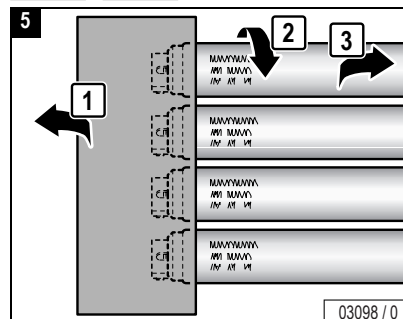
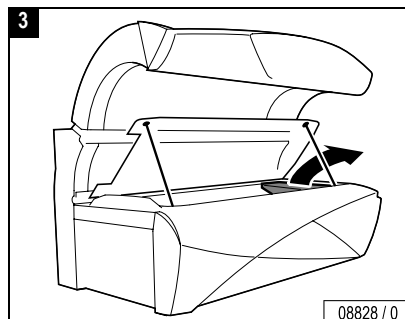
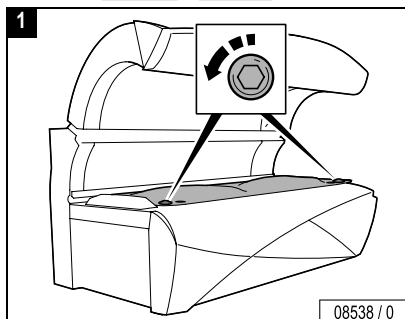
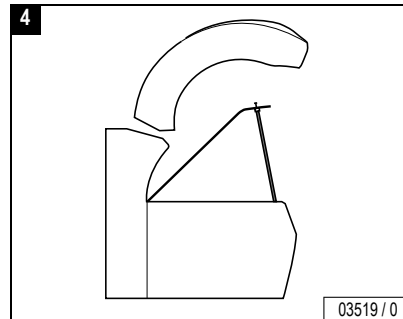
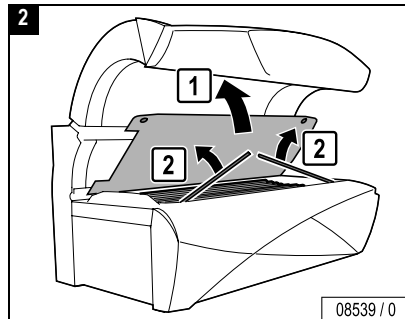
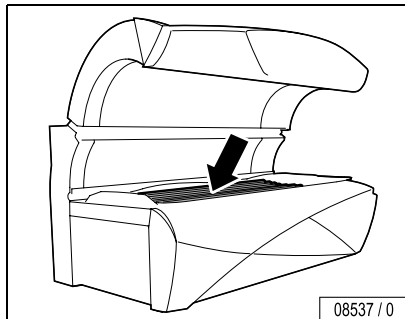
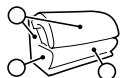


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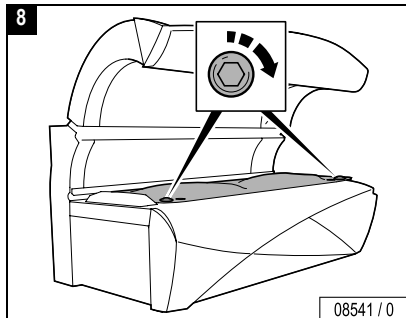
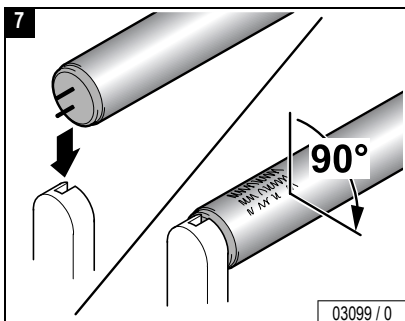
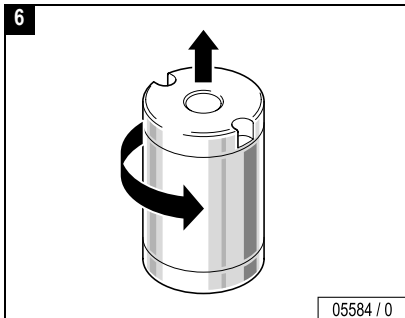
Inserting the chip card of the new lamp set (DYNAMIC POWER)



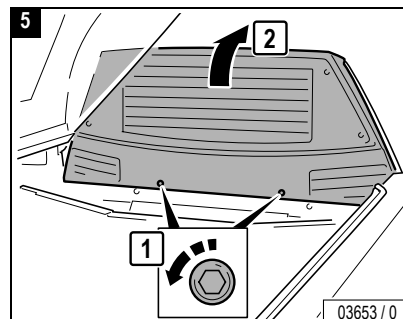
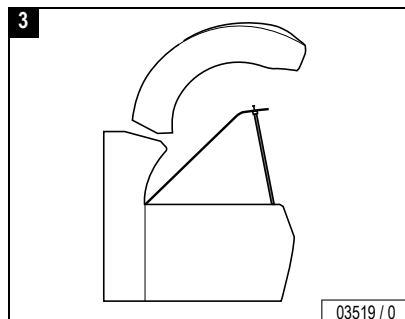
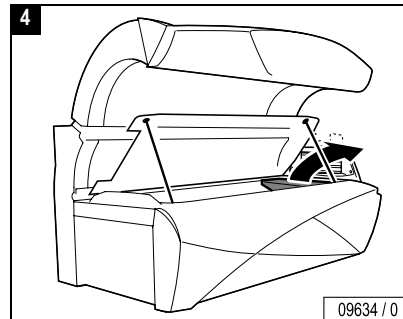
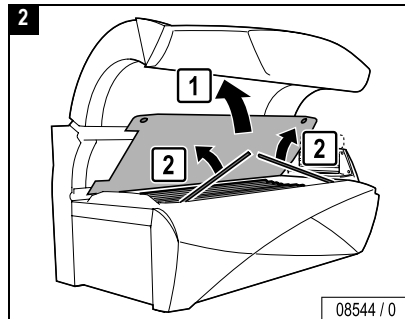
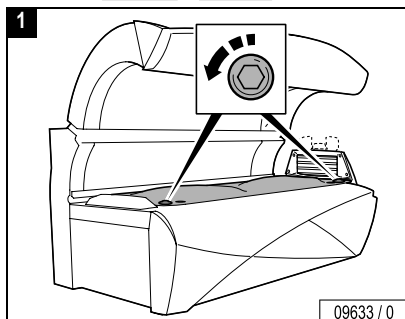
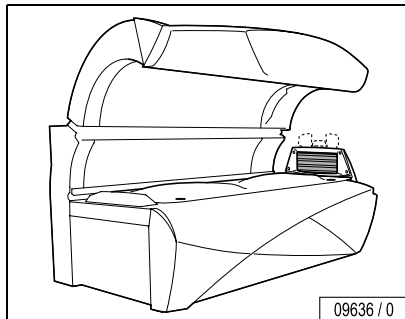
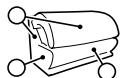
Cleaning/replacing UV low-pressure lamps in the sunbed base

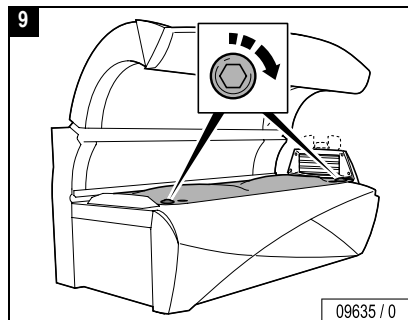
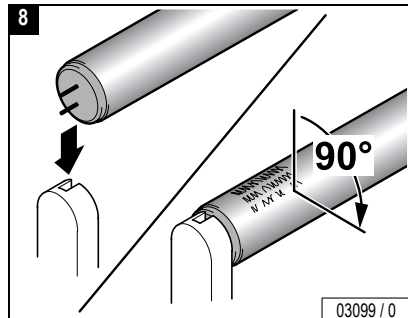
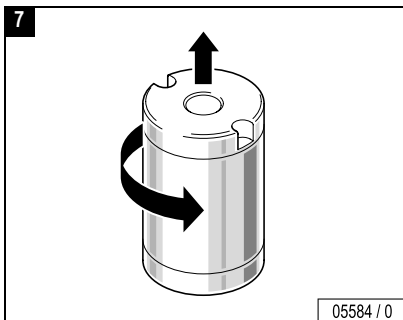
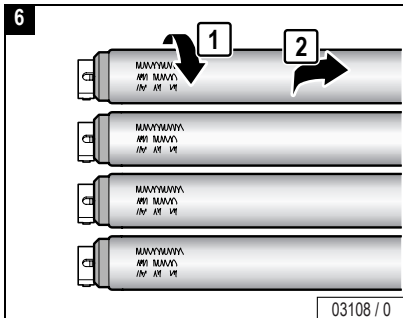


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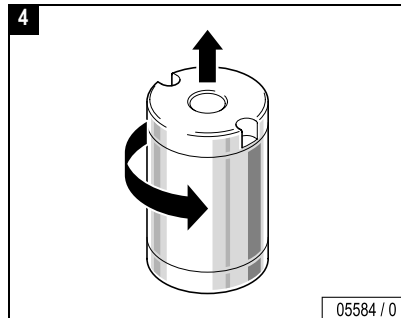
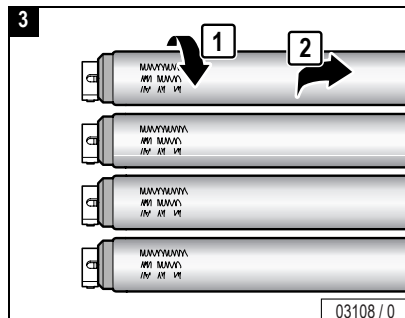
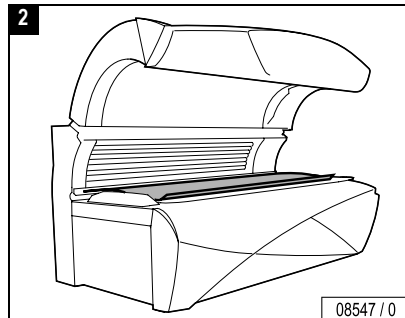
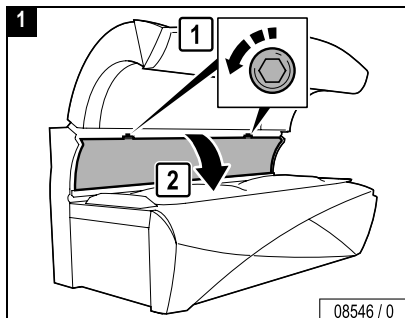
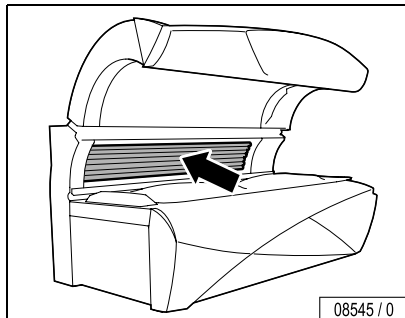
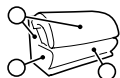


Cleaning/replacing UV low-pressure lamps in the shoulder tanner

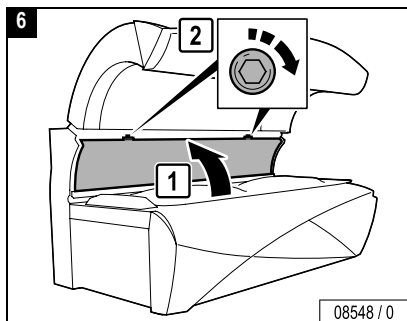
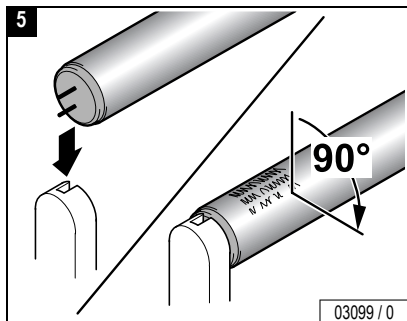




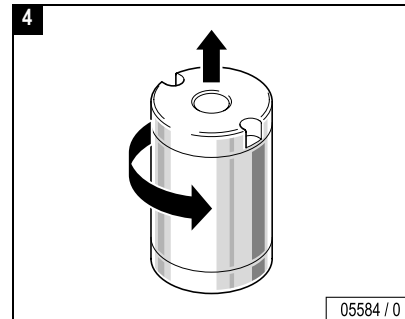
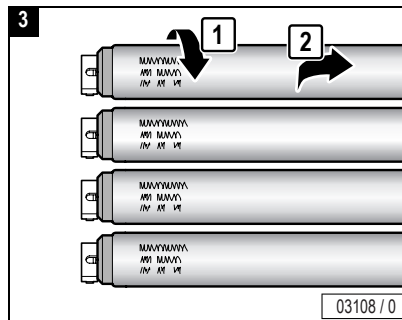
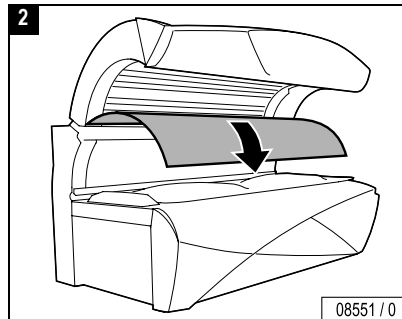
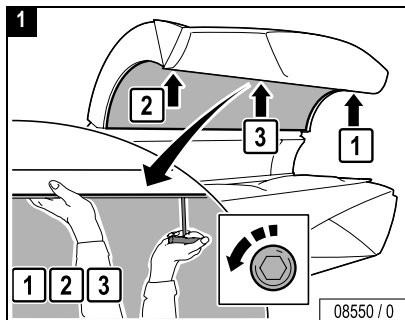
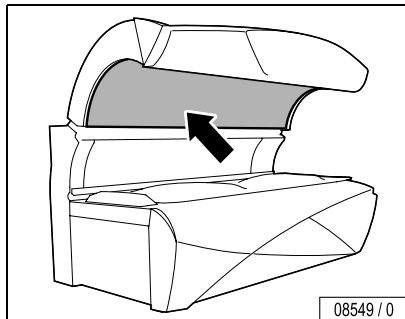
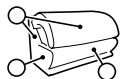
Cleaning/replacing UV low-pressure lamps in the side section



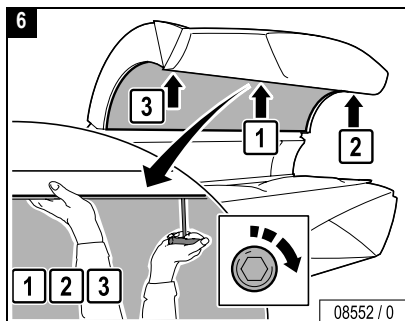
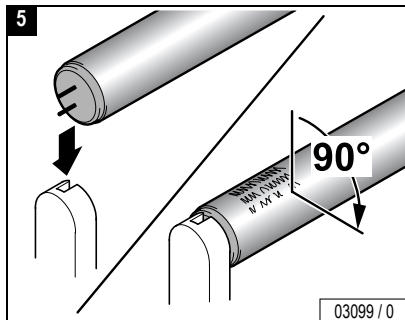
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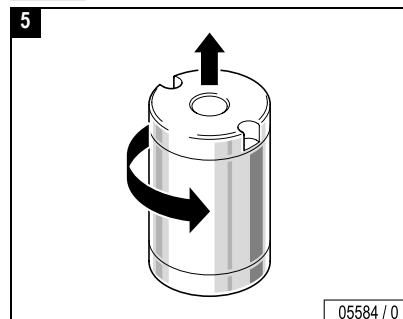
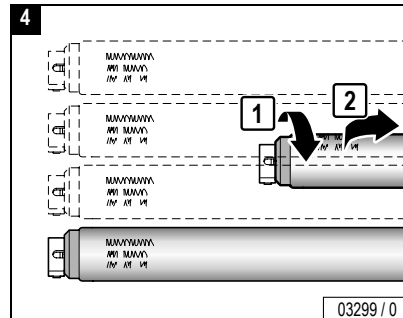
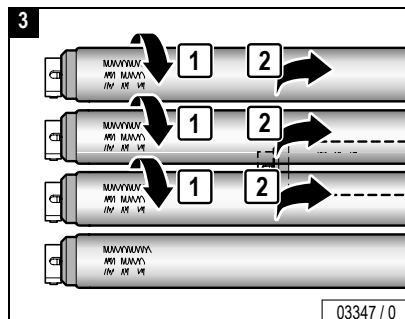
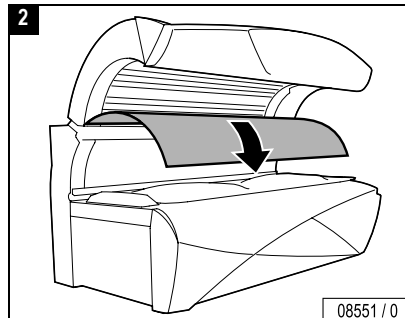
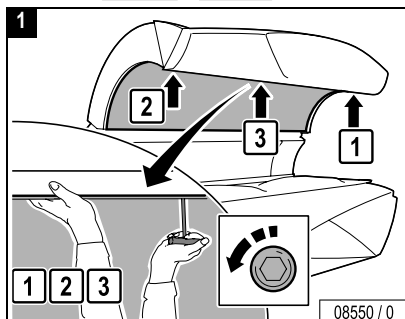
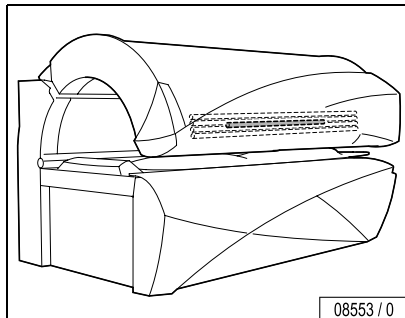
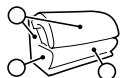
Cleaning/replacing UV low-pressure lamps in the canopy



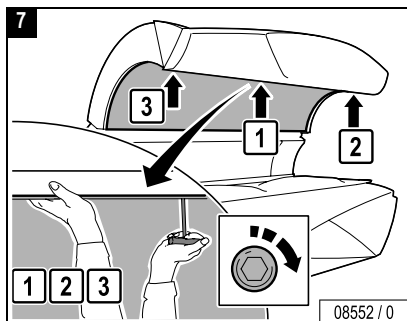
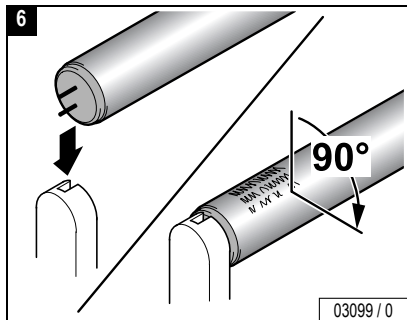
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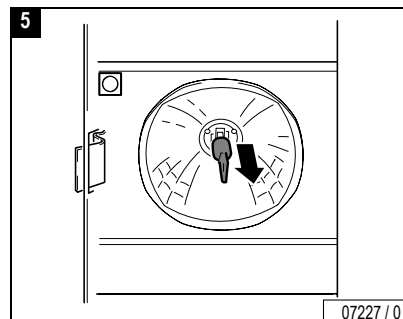
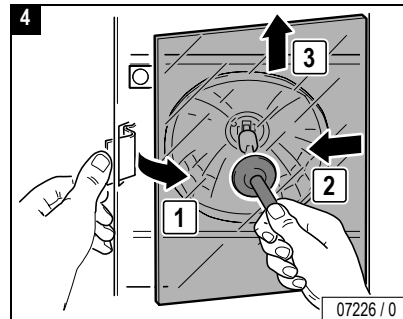
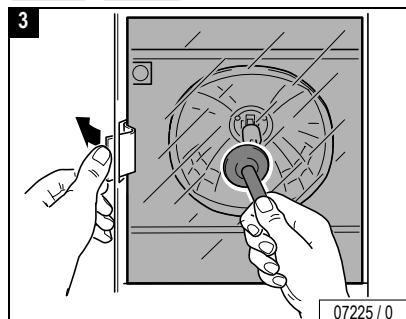
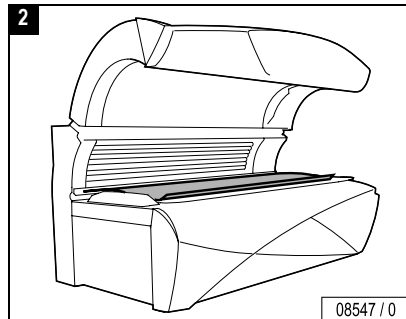
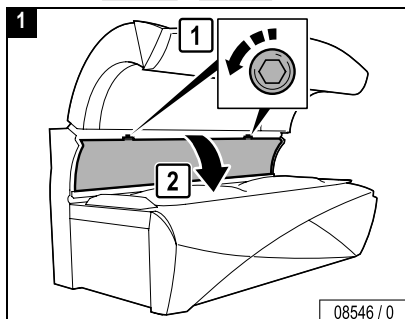
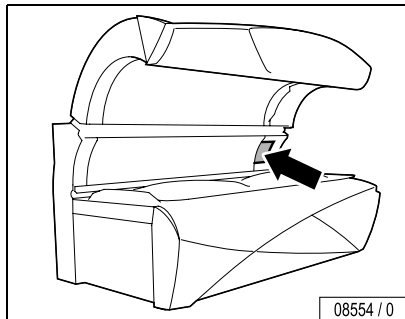
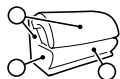


Cleaning/replacing interior lighting



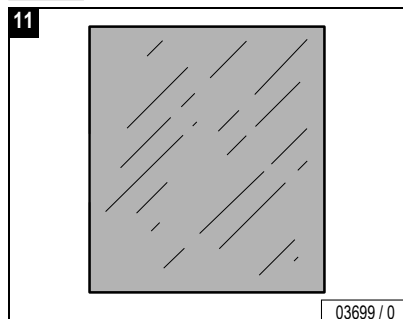
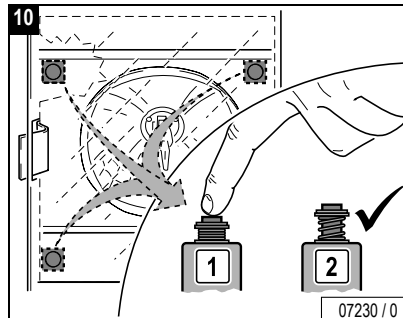
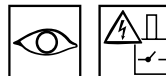
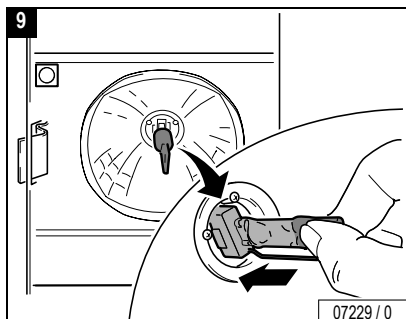
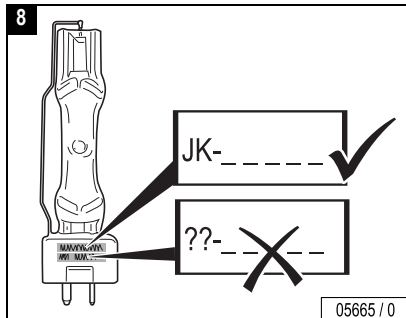
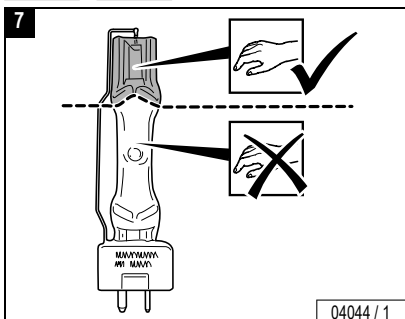
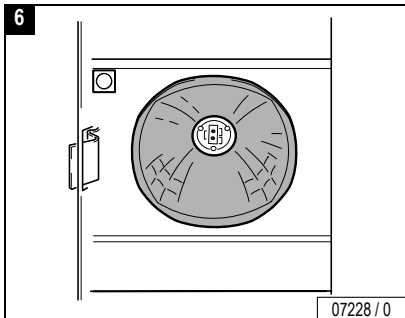
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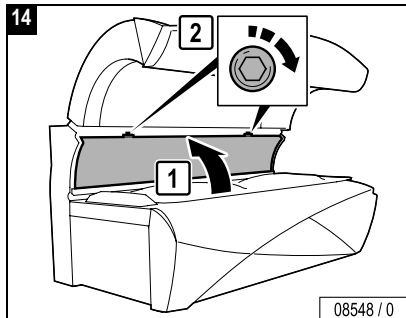
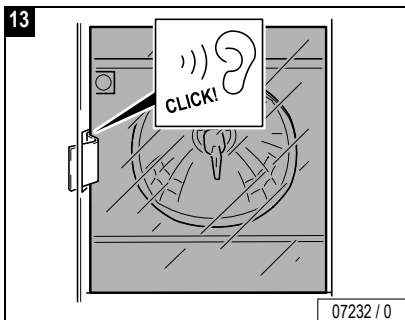
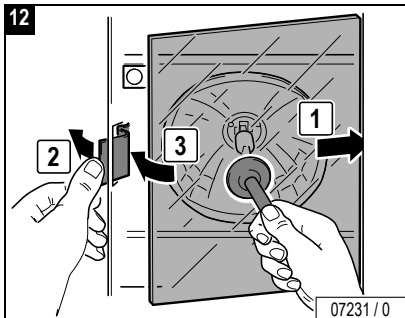
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Cleaning/replacing UV high-pressure lamps and filter panels in the side section

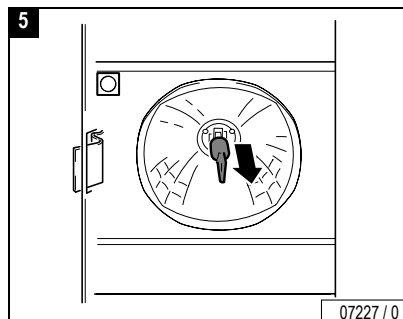
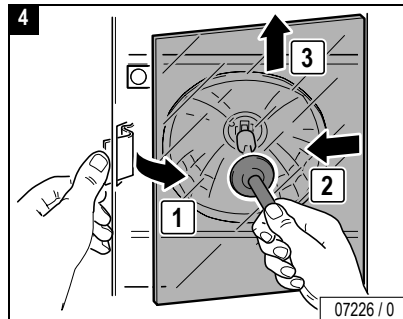
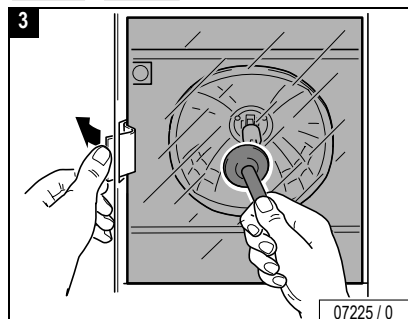
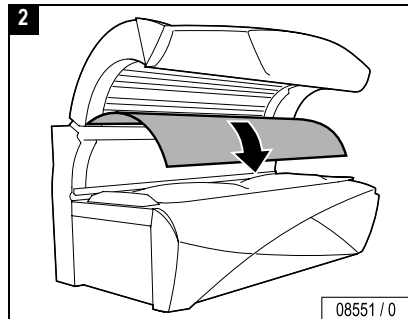
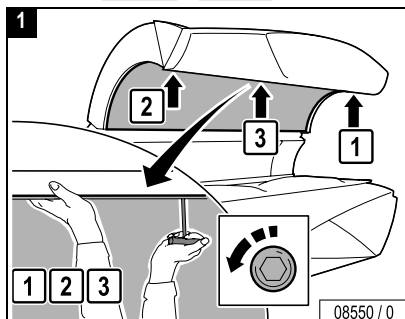
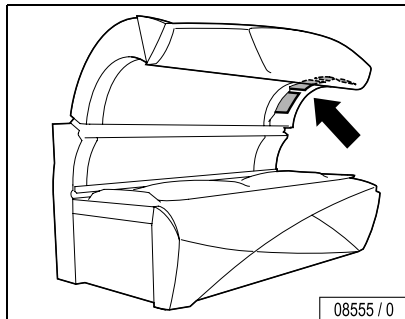
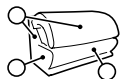


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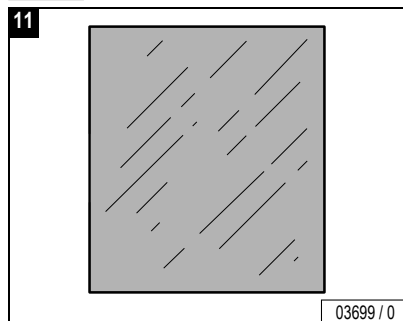
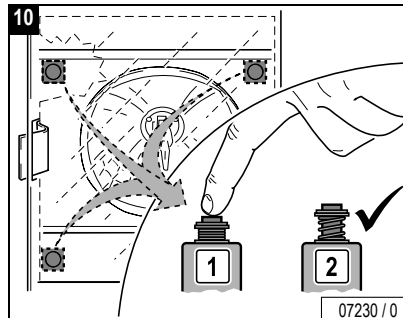
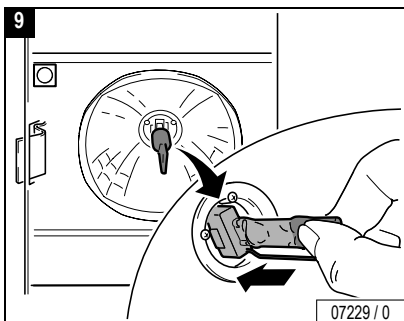
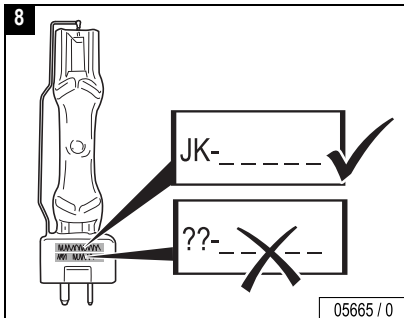
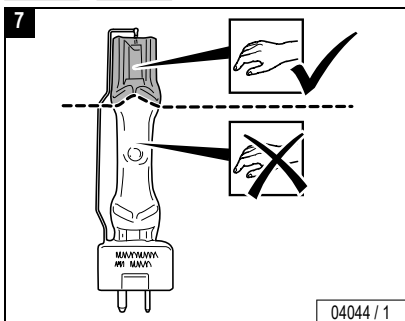
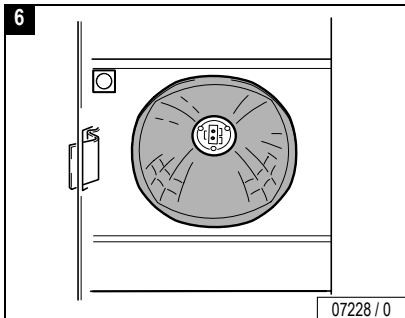
Cleaning/replacing UV high-pressure lamps and filter panels in the side section



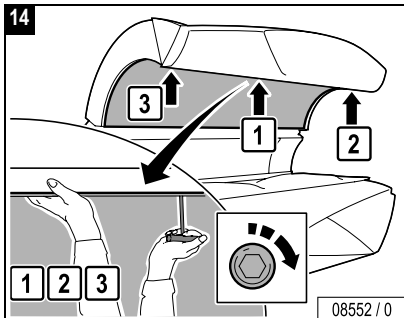
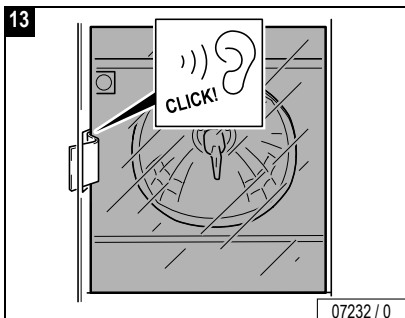
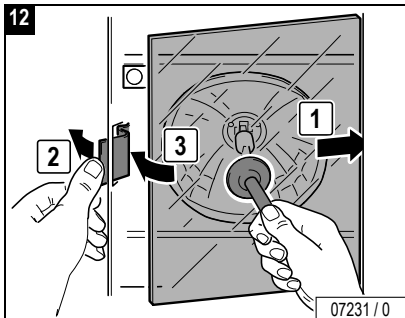
Cleaning or replacing UV high-pressure lamps and filter panels in the canopy



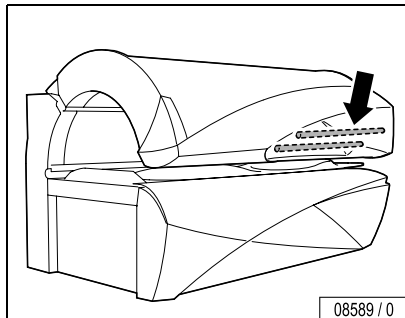
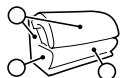
Cleaning or replacing UV high-pressure lamps and filter panels in the canopy



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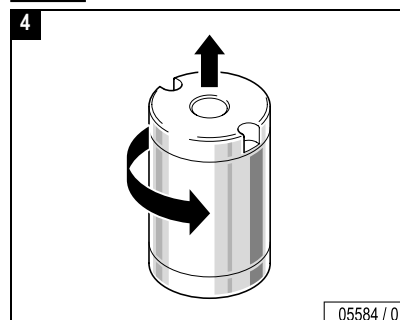
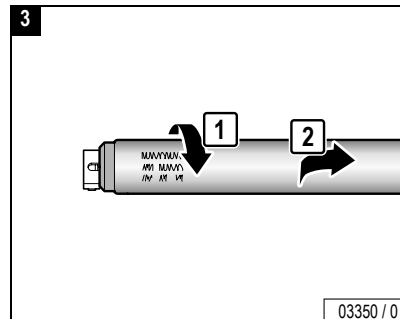
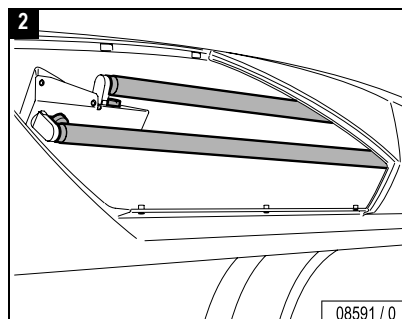
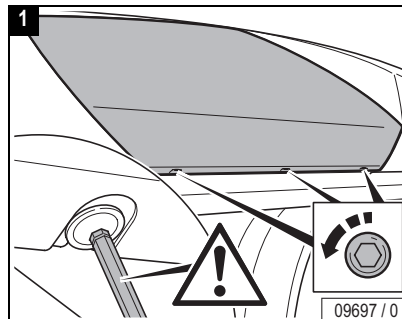


Cleaning/replacing decorative lighting in the canopy

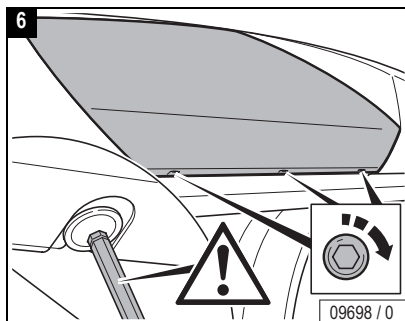
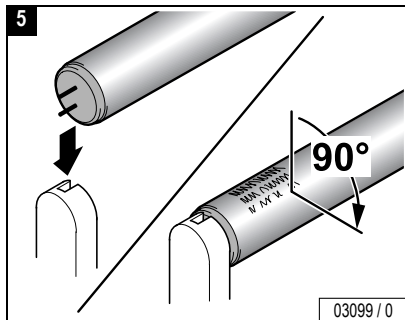


Warning!

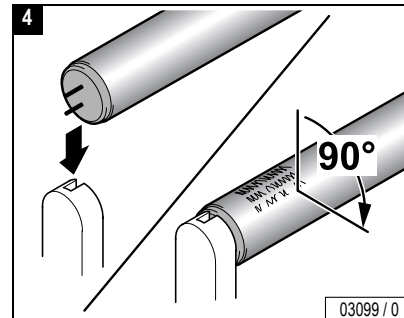
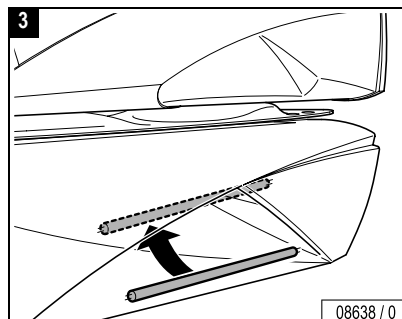
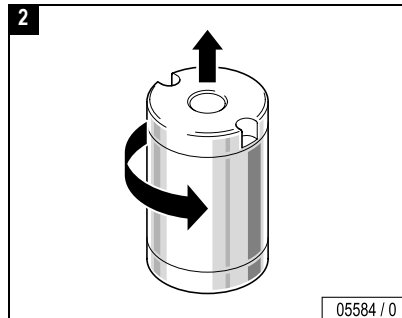
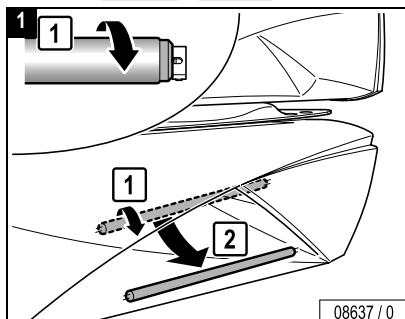
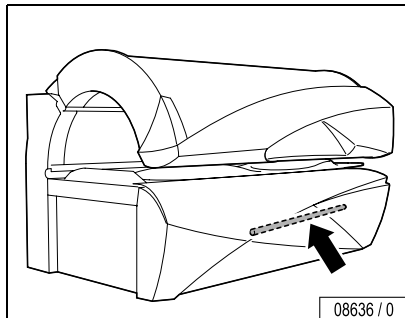
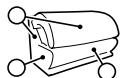
Paint damage is possible! When screwing maintain a distance from the bottom edge.



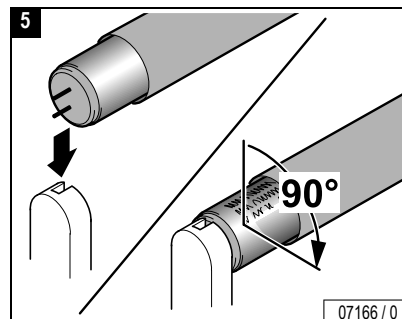
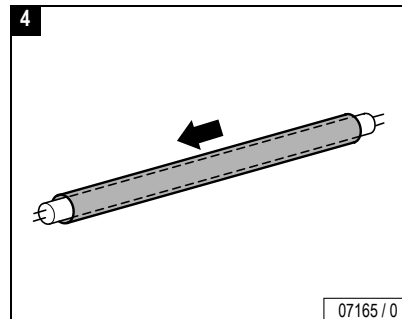
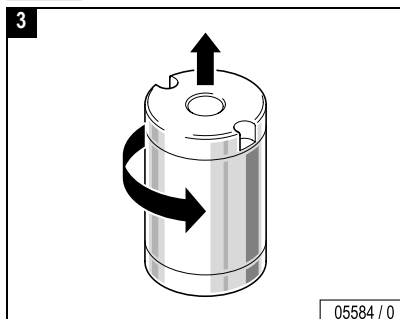
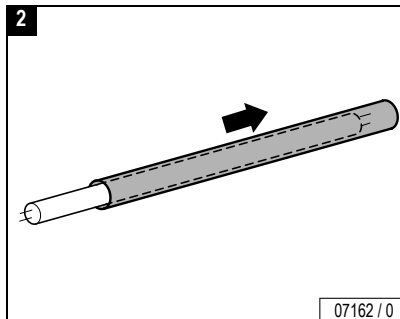
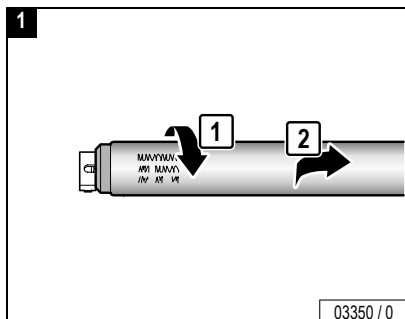
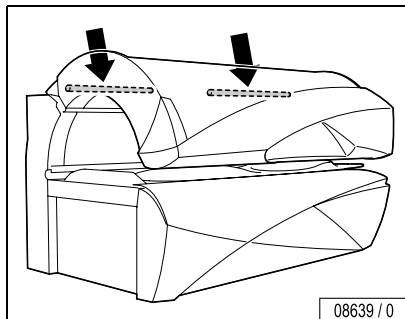
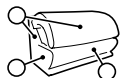
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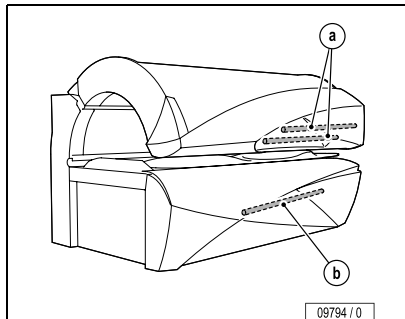
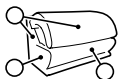
Cleaning/replacing decorative lighting in front panel



Cleaning/replacing ambient light (cubicle lighting) (accessories)



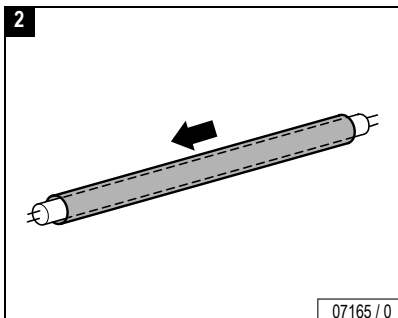
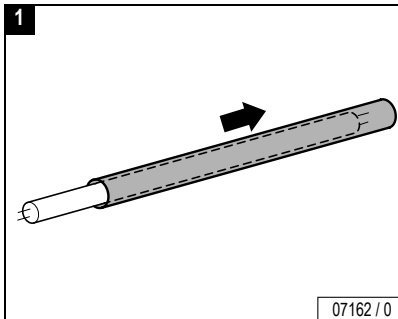
Cleaning/replacing mood light (accessories)



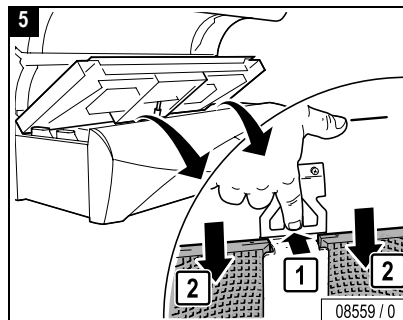
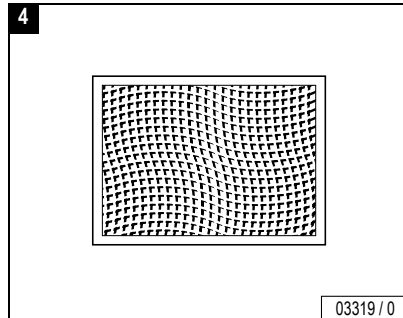
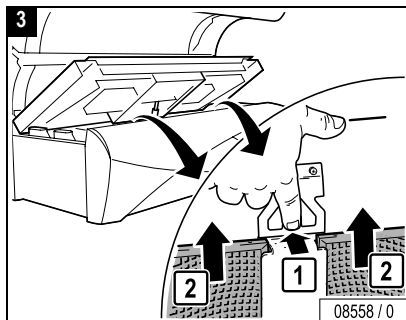
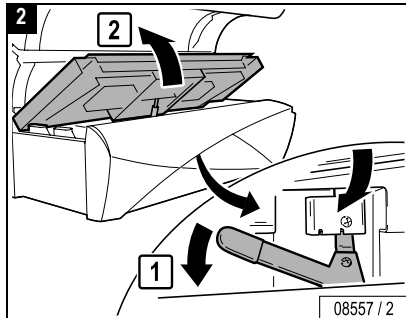
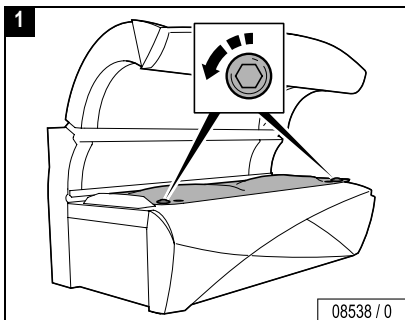
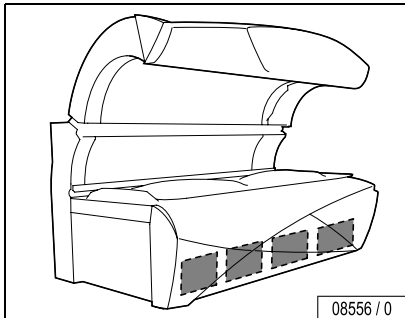
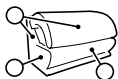
a) Page 110

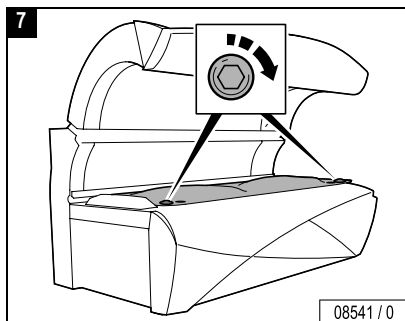
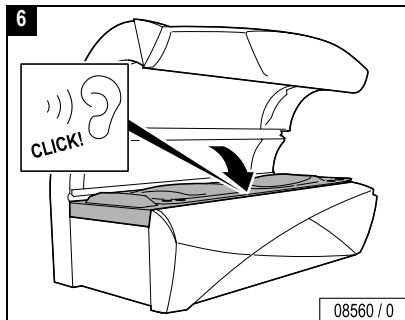
b) Page 112

d) –

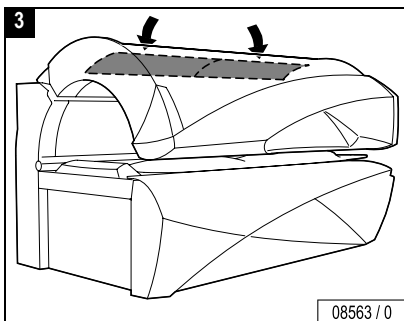
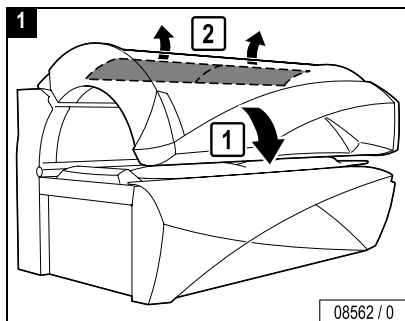
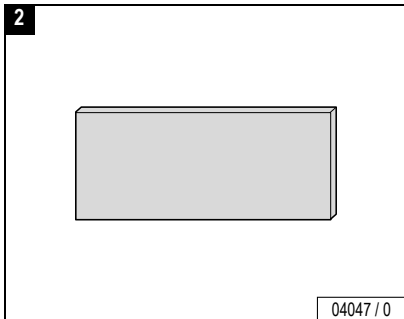
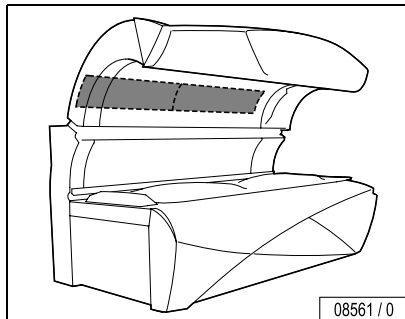
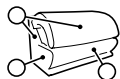


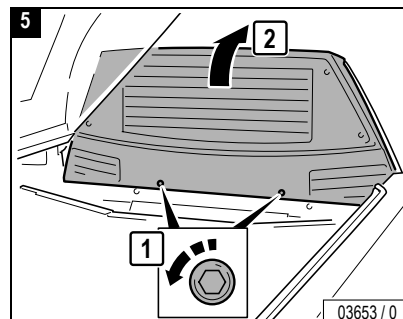
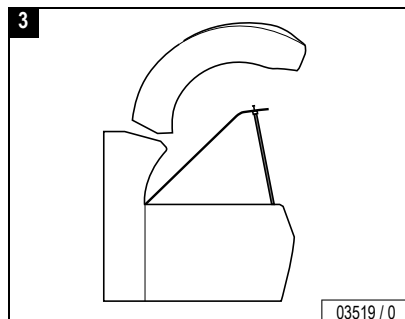
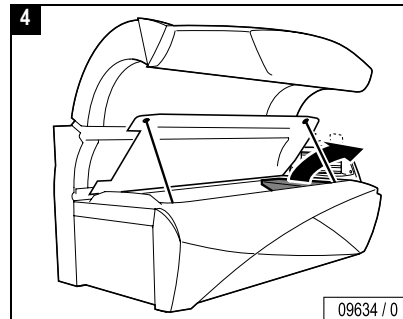
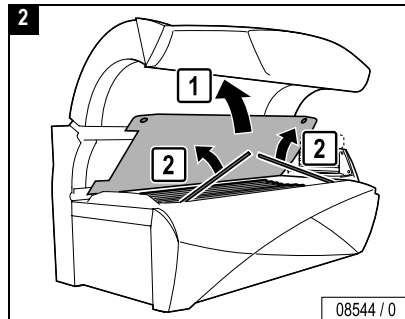
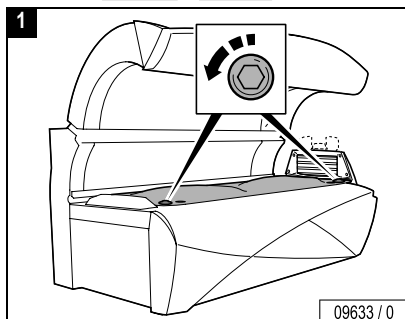
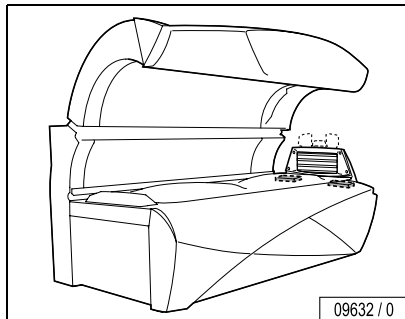
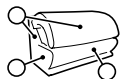
Cleaning the base filter



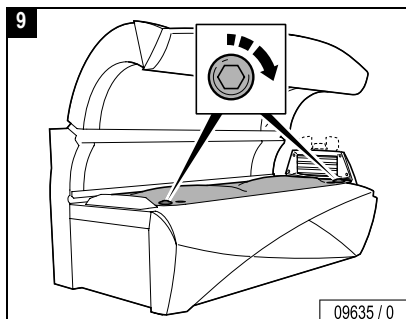
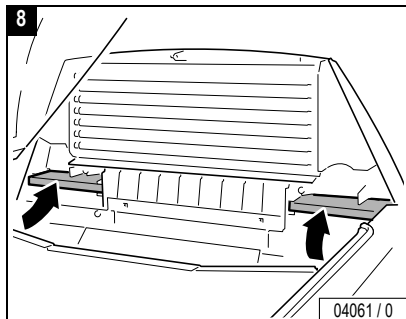
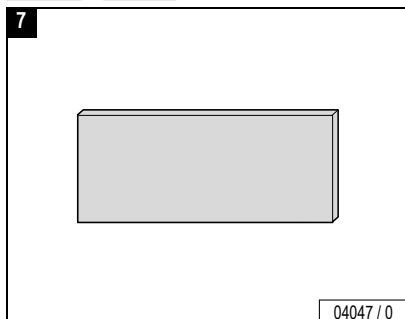
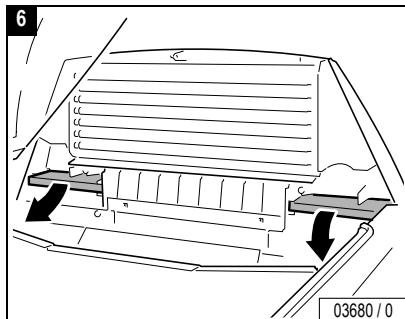


Cleaning/replacing filter mats in the canopy





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Climatronic emptying the condensation tank and cleaning the filter



Regelmäßige Sichtprüfung!
Regular visual check!
Contrôle visuel régulier!

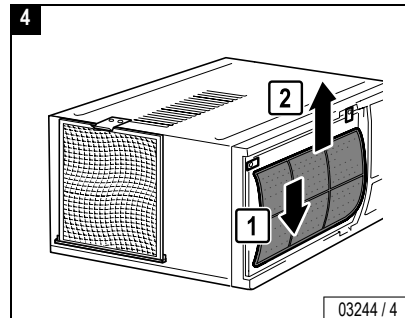
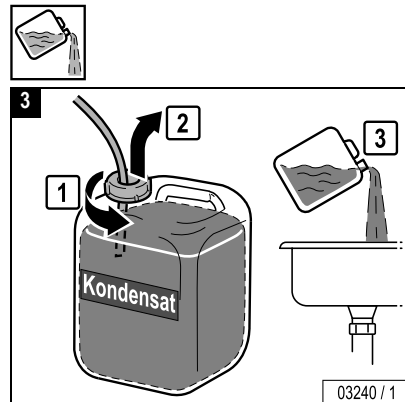
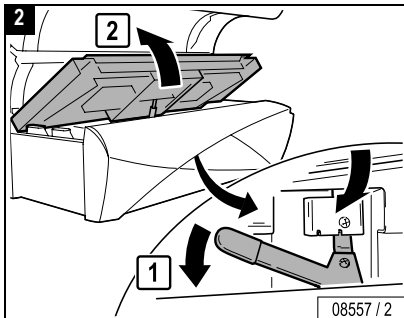
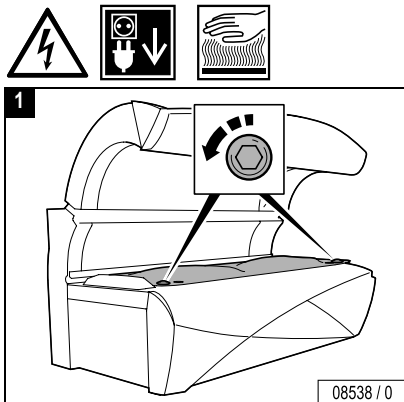
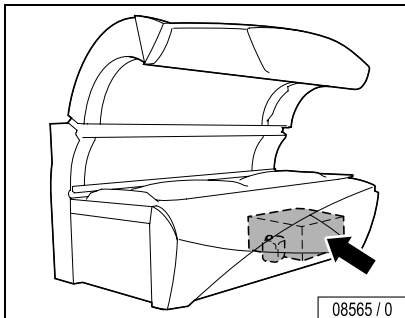
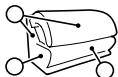
Gefahr von Geräteschäden!
Risk of damage to equipment!
Risque de détérioration de l'appareil!

Filtermatten reinigen!
Renew filter mats!
Nettoyer les mats filtrants!

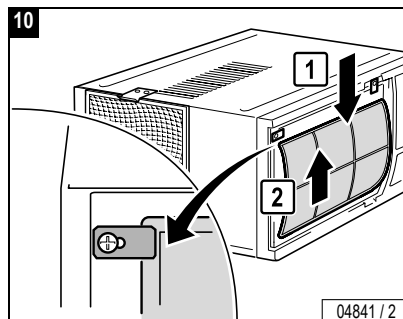
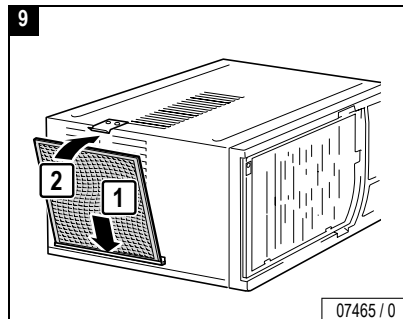
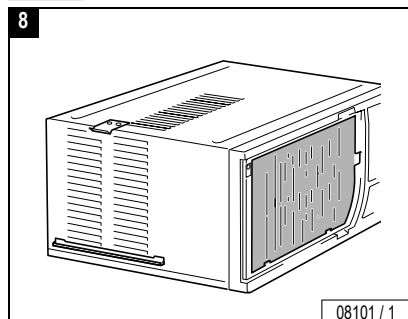
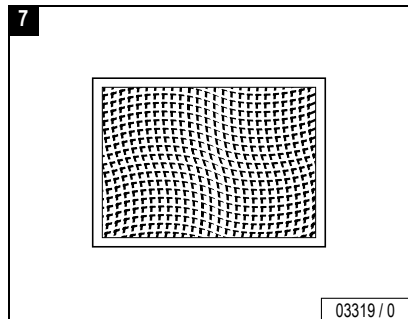
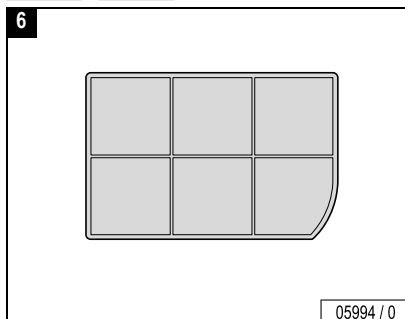
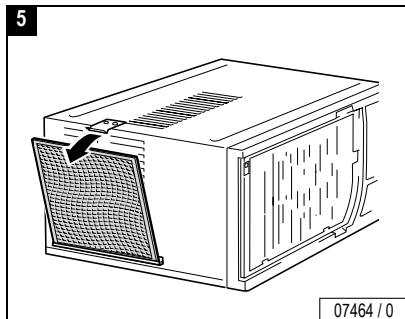
Kühlrippen reinigen!
Clean cooling fins!
Nettoyer les barres de refroidissement!

Kondensatbehälter entleeren!
Empty condensation container!
Vidanger le réservoir à condensation!

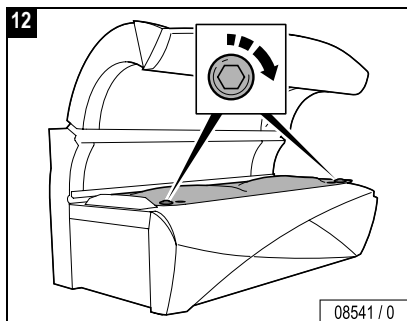
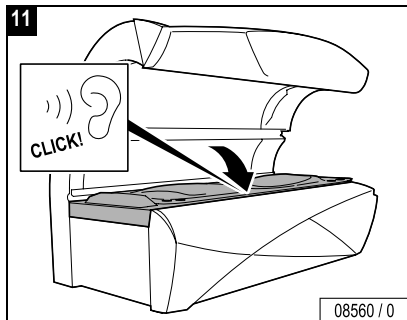
100103-00



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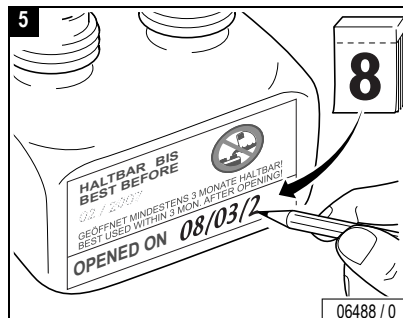
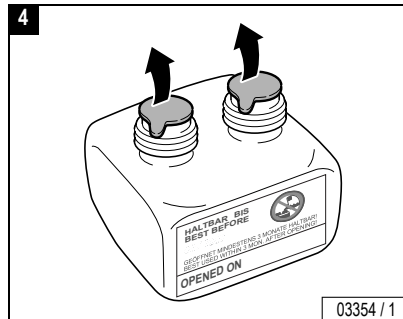
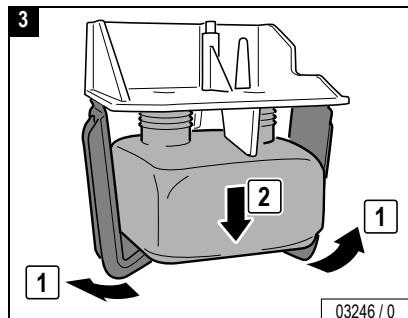
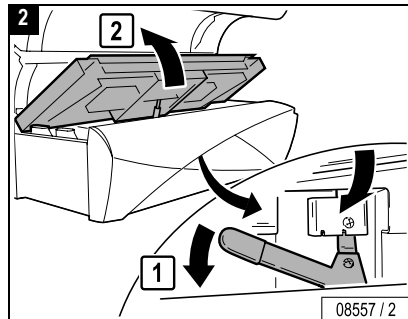
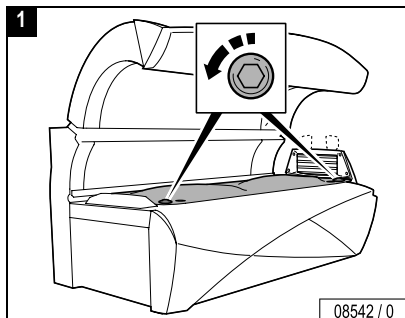
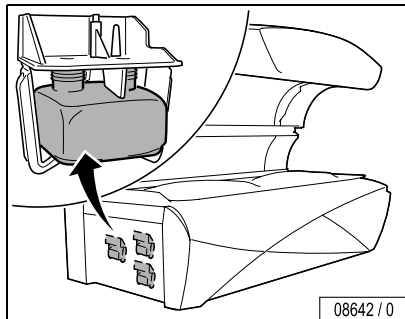
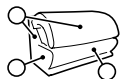


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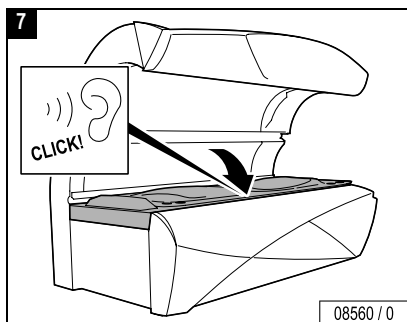
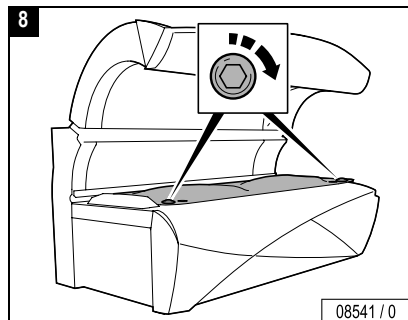
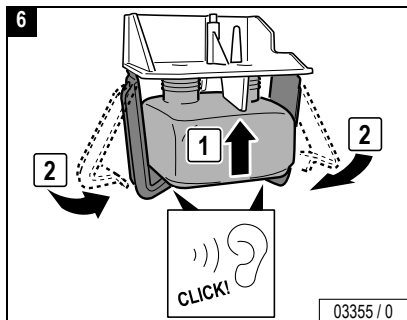


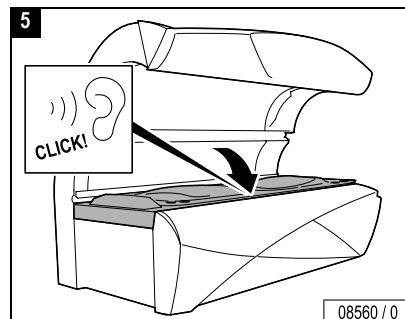
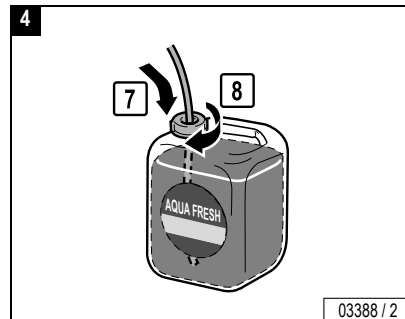
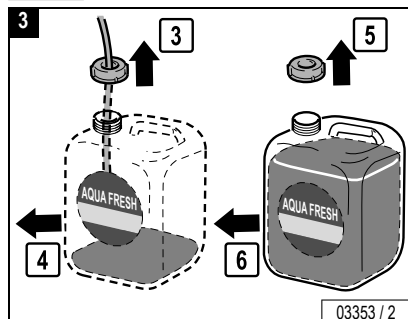
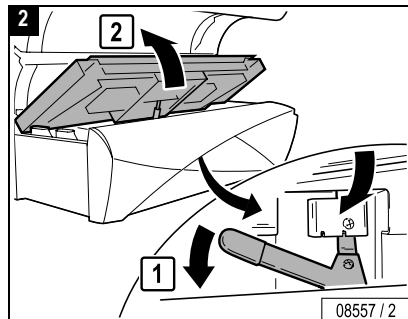
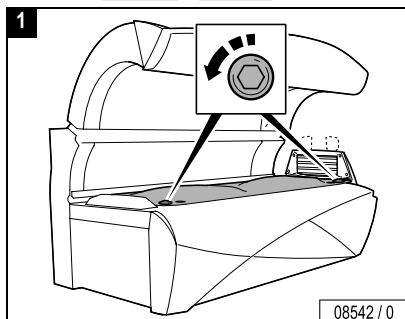
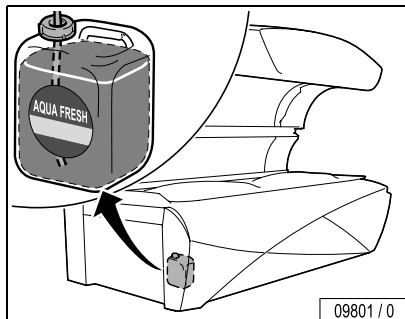
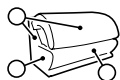
Replacing the AROMA tank

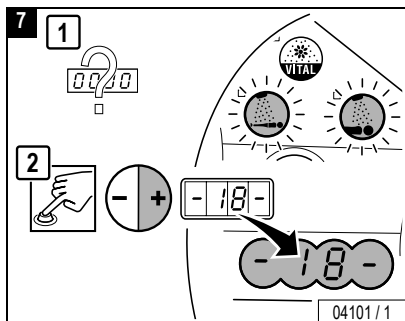
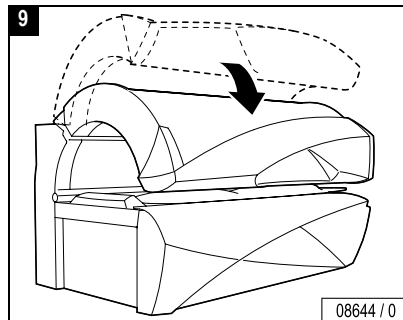
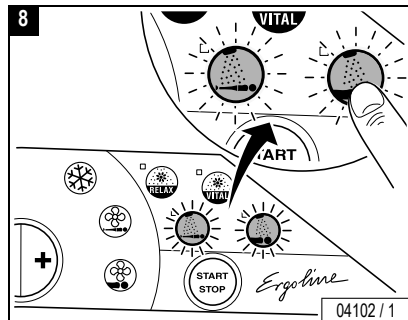
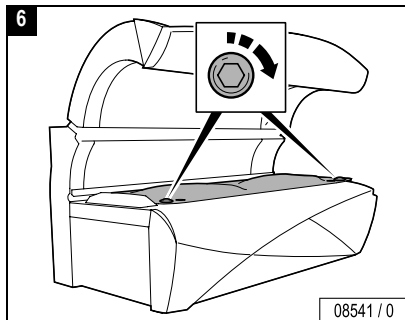
AROMA



Replacing the AROMA tank

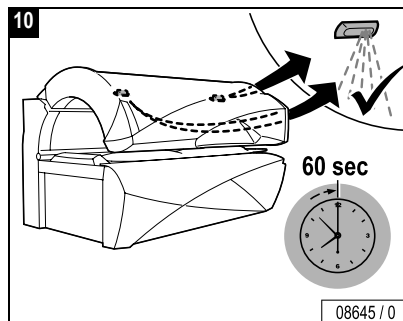







Note:


After replacing the canister, the system must be vented. To do this change to service mode and select function 18 (see page 78).



Connected load, power and installation location

Sunbed type:	AFFINITY 500 SUPER POWER	AFFINITY 500 TWIN POWER	AFFINITY 600 TWIN POWER	AFFINITY 800 TWIN POWER	AFFINITY 660 SMART POWER
Rated powerconsumption:	7 800 W	10 300 W	10 800 W	12 700 W	12 900 W
Rated voltage:	400-415V ~3N				
Rated frequency:	50 Hz				
Rated fuses:	3 x 16 A (delay)	3 x 25 A (delay)		3 x 35 A (delay)	
Test symbol:					
Noise level at 1 m from the sunbed:	67,2 dB(A)			68,9 dB(A)	67,2 dB(A)
Noise level in sunbed:	< 81 dB(A)				



Sunbed type:	AFFINITY 880 SMART POWER	AFFINITY 660 DYNAMIC POWER	AFFINITY 880 DYNAMIC POWER	AFFINITY 660 DYN. POWER IQ	AFFINITY 880 DYN. POWER IQ
Rated powerconsumption:	14400 W	17500 W	18500 W	17500 W	18500 W
Rated voltage:	400-415V ~3N				
Rated frequency:	50 Hz				
Rated fuses:	3 x 35 A (delay)				
Test symbol:					
Noise level at 1 m from the sunbed:	68,9 dB(A)	67,2 dB(A)	68,9 dB(A)	67,2 dB(A)	68,9 dB(A)
Noise level in sunbed:	< 81 dB(A)				

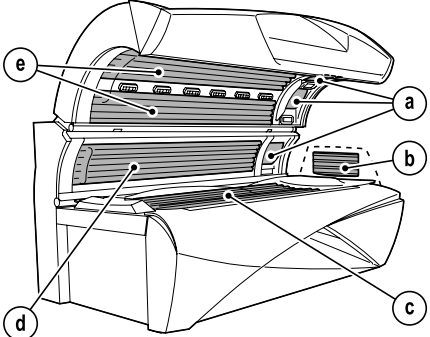




UV lamps, starters, filter panels	Order number and lamp description	AFFINITY 500 SUPER POWER ¹⁾	AFFINITY 500 TWIN POWER ¹⁾	AFFINITY 600 TWIN POWER ¹⁾	AFFINITY 800 TWIN POWER ¹⁾	AFFINITY 660 SMART POWER ¹⁾
<p>08634 / 1</p>	Low pressure lamps					
	▲ 12461- Ergoline Super Power 100W	43 c, d, e	17 f	18 f	18 f	
	▲ 1002094- Ergoline Turbo Power 160W		26 g, h	28 g, h	24 g, h	
	▲ 1002096- Ergoline Smart Power 160W					46 c, d, e
	▲ 12832- Ergoline 25W	7 ²⁾ b	7 ²⁾ b	7 ²⁾ b	7 ²⁾ b	7 ²⁾ b
	Starter					
	▲ 10002- Starter S12 (c, d, e)	43	43	46	50	46
	▲ 10047- Starter S10 (b)	7 ²⁾	7 ²⁾	7 ²⁾	7 ²⁾	7 ²⁾
	High pressure lamps and filter panels					
	▲ 12645- Ergoline ultra 520W (a)	3	3	3	4	3
	● 1001526- Ultra Performance 412 (a)	3	3	3	4	3
<p>1) Sunbed is supplied without lamps. 2) Accessories (shoulder tanner)</p>						





UV lamps, starters, filter panels	Order number and lamp description	AFFINITY 880 SMART POWER ¹⁾	AFFINITY 660 DYNAMIC POWER ¹⁾	AFFINITY 880 DYNAMIC POWER ¹⁾	AFFINITY 660 DYNAMIC POW. IQ	AFFINITY 880 DYNAMIC POW. IQ
 <div data-bbox="528 756 620 781">08634 / 1</div>	Low pressure lamps					
	▲ 1002096- Ergoline Smart Power 160W	50 c, d, e				
	▲ 1002023- Ergoline Dynamic Power 160W		46 c, d, e	50 c, d, e		
	▲ 1002022- Ergoline Dynamic Power 160W				46 c, d, e	50 c, d, e
	▲ 12832- Ergoline 25W	7 ²⁾ b	7 ²⁾ b	7 ²⁾ b	7 b	7 b
	Starter					
	▲ 10002- Starter S12 (c, d, e)	50	-	-	-	-
	▲ 10047- Starter S10 (b)	7 ²⁾	7 ²⁾	7 ²⁾	7 ²⁾	7 ²⁾
	High pressure lamps and filter panels					
	▲ 12645- Ergoline ultra 520W (a)	4	3	4	3	4
	● 1001526- Ultra Performance 412 (a)	4	3	4	3	4
	1) Sunbed is supplied without lamps. 2) Accessories (shoulder tanner)					



Decorative lighting (all models)

The diagram shows a perspective view of a lamp fixture. Label 'h' points to a horizontal row of small lights on the top surface. Label 'f' points to a curved row of small lights on the side. Label 'g' points to a horizontal row of small lights on the front surface.

08925 / 0

Standard lamps

f)

2 x

blue

36 W

▲11792-..

g)

1 x

blue

58 W

▲12063-..

h)

1 x

blue

30 W

▲12377-..

Starter

f) g) h)

4 x

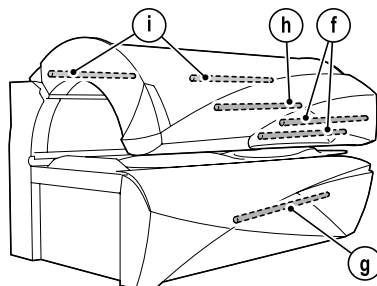
S10

▲10047-..









Decorative lighting (accessories)







08535 / 2

Ambient Light (cubicle lighting)

i)	2 x		blue	36 W	▲ 11797-..
or	2 x		white	36 W	▲ 1002113-..
with	2 x		Makrolon tube red or yellow or magenta		▲ 1500716-.. ▲ 1500708-.. ▲ 1500710-..
	2 x		S10		▲ 10047-..

Mood Light

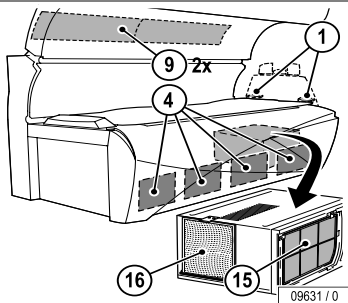
f)	2 x		white	36 W	▲ 1002113-..
with	2 x		Makrolon tube red or yellow or magenta		▲ 1500713-.. ▲ 1500706-.. ▲ 842758-..
g)	1 x		white	58 W	▲ 1002089-..
with	1 x		Makrolon tube red or yellow or magenta		▲ 1500717-.. ▲ 1500709-.. ▲ 1500712-..

d)

-



Filter, AQUA FRESH, AROMA



④ 4 x ▲ 51937-..

⑨ 2 x ▲ 800601-..

① 2 x ▲ 800278-..

⑮ 1 x ▲ 51975-..

⑮ 1 x ▲ 51937-..

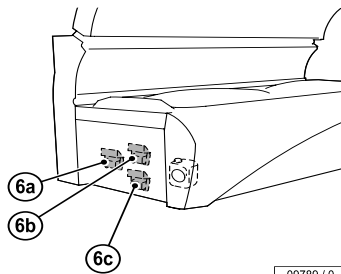
⑤ 1 x ▲ 3651903-..

AQUA FRESH, 6000 ml

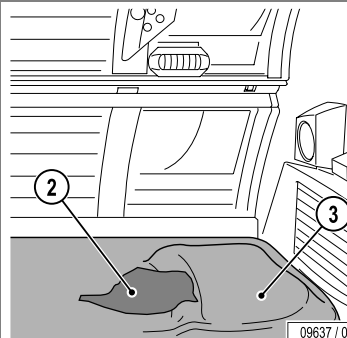
- ⑥ a) ▲ 3652003-..
b) ▲ 3652103-..
c) ▲ 3652203-..

AROMA, 100ml

- a) Relax
b) Vital
c) Cabin



Acrylic glass, fan, accessories



AFFINITY 800/880:

③ 1x ● 1000756-..

② 1x ● 800665-..

AFFINITY 500/600/660:

③ 1x ▲ 1000744-..

② 1x ▲ 800400-..

⑳ 1x ▲ 84592-..

㉑ 1x ▲ 1001855-..

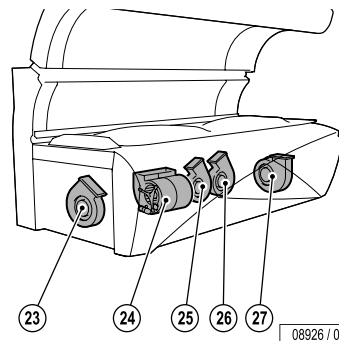
㉓ 1x ● 11440-..

㉔ 1x ● 12858-..

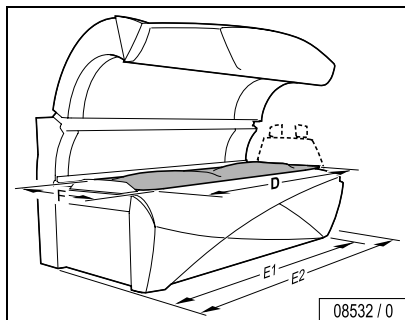
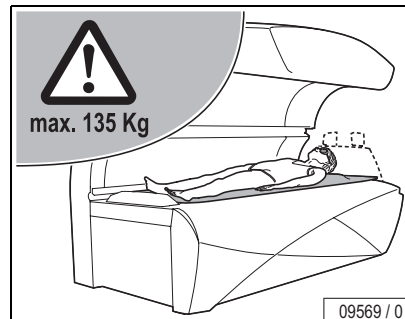
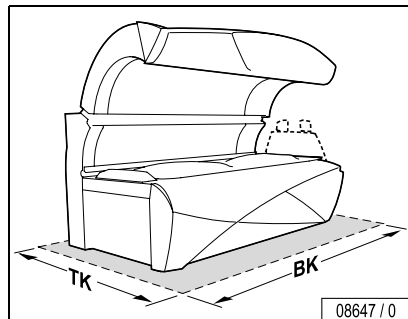
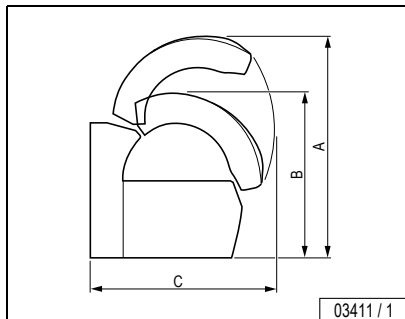
㉕ 1x ● 11440-..

㉖ 1x ● 11440-..

㉗ 1x ● 11440

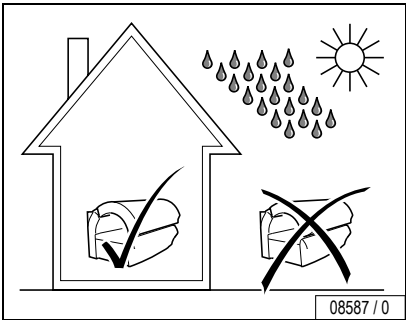
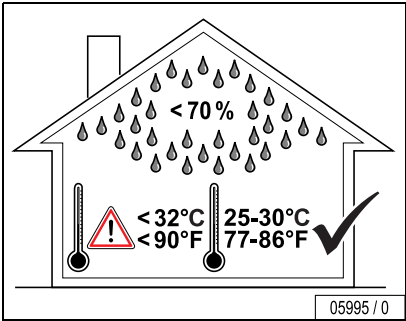


Dimensions



	AFFINITY 500/600/660	AFFINITY 800/880
A =	1,740 mm	1,795 mm
B =	1,340 mm	1,360 mm
C =	1,420 mm	1,520 mm
D =	2,000 mm	2,000 mm
E1 =	2,260 mm	2,260 mm
E2 =	2,350 mm	2,350 mm
F =	800 mm	900 mm
TK =	2,300 mm	2,300 mm
BK =	2,400 mm	2,400 mm

Installation location



JK timer controls

MCS III plus34010600



MCS IV plus34010400



MCS VI34009700



Studiopilot34009900



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