

Up and over gates

Compact Panel C Protect Panel C



Please read this manual carefully and follow its recommendations. It contains the necessary information to guarantee safe installation and use, as well as proper maintenance of the overhead door.

IMPORTANT INFORMATION

- The gate may only be installed and adjusted by a person **COMPETENT**.
- Please read the entire manual before starting the assembly work.
- Do not open the door without hanging the guides (does not apply to Compact Panel C doors).
- Please keep these instructions carefully.
- Do not modify or remove any elements of the gate, it may damage the parts ensuring its safe use.

DESTINY

- The gate is designed to close private garages, it is perfect for individual construction, housing estate garage systems and light industry.

CONDITIONS OF USE AND SECURITY

- During the assembly, the health and safety regulations concerning the following works should be observed: assembly works, locksmith works, works carried out with electric tools, depending on the assembly technology used.
- It is not allowed to install any additional fillings or thermal insulation of the mantle without consulting the gate manufacturer.
- The springs are precisely adjusted to the weight of the door leaf and any additional elements installed on it may cause overload and malfunction of the door.
- Any electrical installation must be made in accordance with the regulations in force in a given country. Any electrical work may only be performed by an authorized installer.

The gate opens by moving the mantle along a curve in line with the guide track. There should be no obstacles in the way of movement of the wings. Be sure to keep moving wings, there are no people, especially children, or objects in its path.

ATTENTION! Danger of an accident.

ASSEMBLY CONDITIONS

- The Protect Panel C and Compact Panel C up-and-over door is a product intended for installation in the mounting hole, it is also adapted to be mounted behind the mounting hole. Up-and-over gates can be mounted on reinforced concrete walls, made of brick or steel frames. The room intended for the door installation should be completely finished and the walls plastered. The walls must not show any errors in execution.
- Both the side walls of the opening, the front wall and the door assembly lintel must be vertical.
- The upper surface of the opening (under the lintel) should be horizontal and parallel to the floor.
- The floor around the door sill should be level and made in such a way as to ensure free drainage of water.
- The correct operation of the gate largely depends on its correct installation.
- The manufacturer performs the assembly at an additional request of the client or recommends authorized assembly companies.
- In the event of self-assembly by the user, the recommendations of this manual must be strictly followed in order to avoid the door malfunction, premature wear and possible loss of warranty.
- Provide adequate ventilation (drying) of the garage.
- Before plastering the linings, the door must be protected, because the splinters of plaster, cement, gypsum, etc. leave stains.
- Before starting the installation, check the dimensions (width and height) of the opening in which the door will be installed.
- The door should be protected against aggressive and caustic substances, such as saltpetre compounds, acids, bases, salt, aggressive varnish or sealing materials from bricks or masonry. Otherwise there is a risk of corrosion.
- When components provided by different manufacturers or suppliers are used to assemble the gate, the installer of the gate in considered its manufacturer.
- No parts of the gate may be modified or removed. This may damage the parts that ensure its safe use. It is not allowed to change the gate assemblies.

- The gate should be used and used in accordance with its intended purpose. The selection and use of gates in the construction industry should be based on the technical documentation of the facility, prepared in accordance with applicable regulations and standards.
- Installation of the electric drive for the gate by a professional installer or a competent person should be performed in accordance with the drive installation manual.

TERMS AND DEFINITIONS

- Explanation of warning signs used in the manual:



Information
A sign that indicates important information



Attention!
sign indicating that attention should be paid

INSTRUCTIONS FOR ASSEMBLY OF UP AND OVER-DOORS

- Installation should be performed by an authorized service.
- Please read the assembly instructions before proceeding with the assembly.
- The manufacturer's warranty becomes void if installation is incorrect.
- Before starting the installation, check the dimensions of the mounting hole.
- All the steps of installing the up-and-over door described below must be carefully performed.



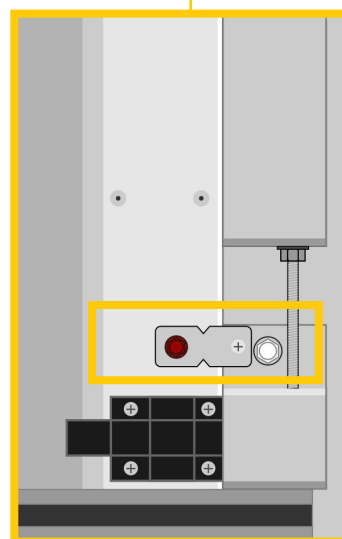
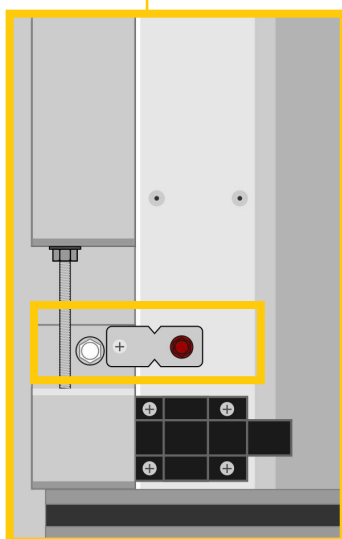
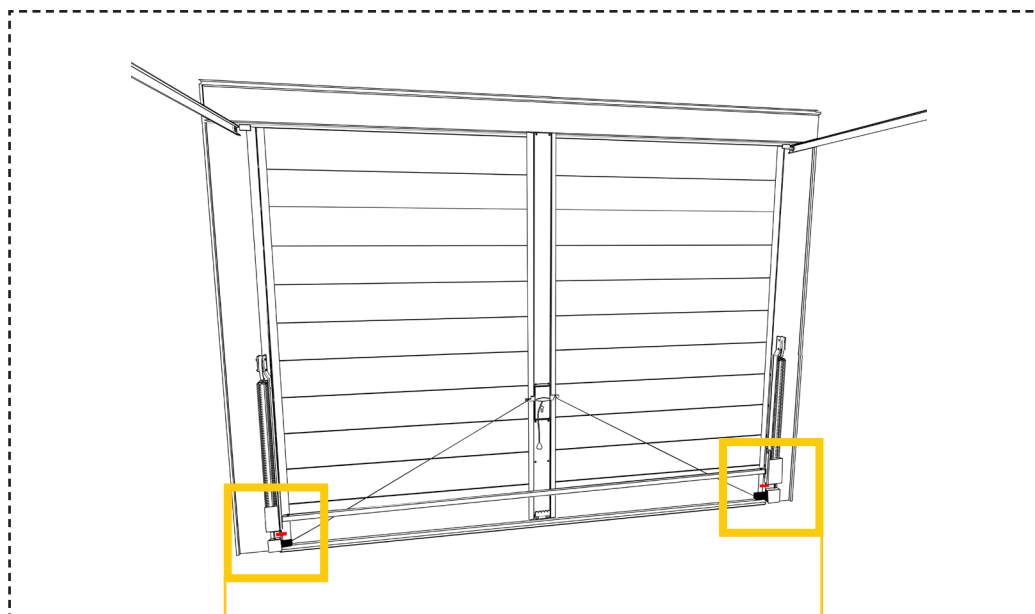
Please be careful when opening gates for self-filling (higher spring tension). Garage doors must not be lifted by the springs!



The gate is secured against accidental opening during transport. Transport securing elements are marked in red (Fig.01).

Fig. 01

Security for threshold and non-threshold gates



Up and over doors MOUNTING IN A HOLE

Before starting the assembly works, it is recommended to measure the light of the assembly opening. The garage door should be inserted into the opening. The diagram is presented in Fig. 02.

- First, install the handle Fig. 03.
- The mounting flat bars are already attached to the frame and to the sill, fig 04. When using other fasteners, make sure that they are at least as strong as those supplied by the manufacturer.

Fig. 02

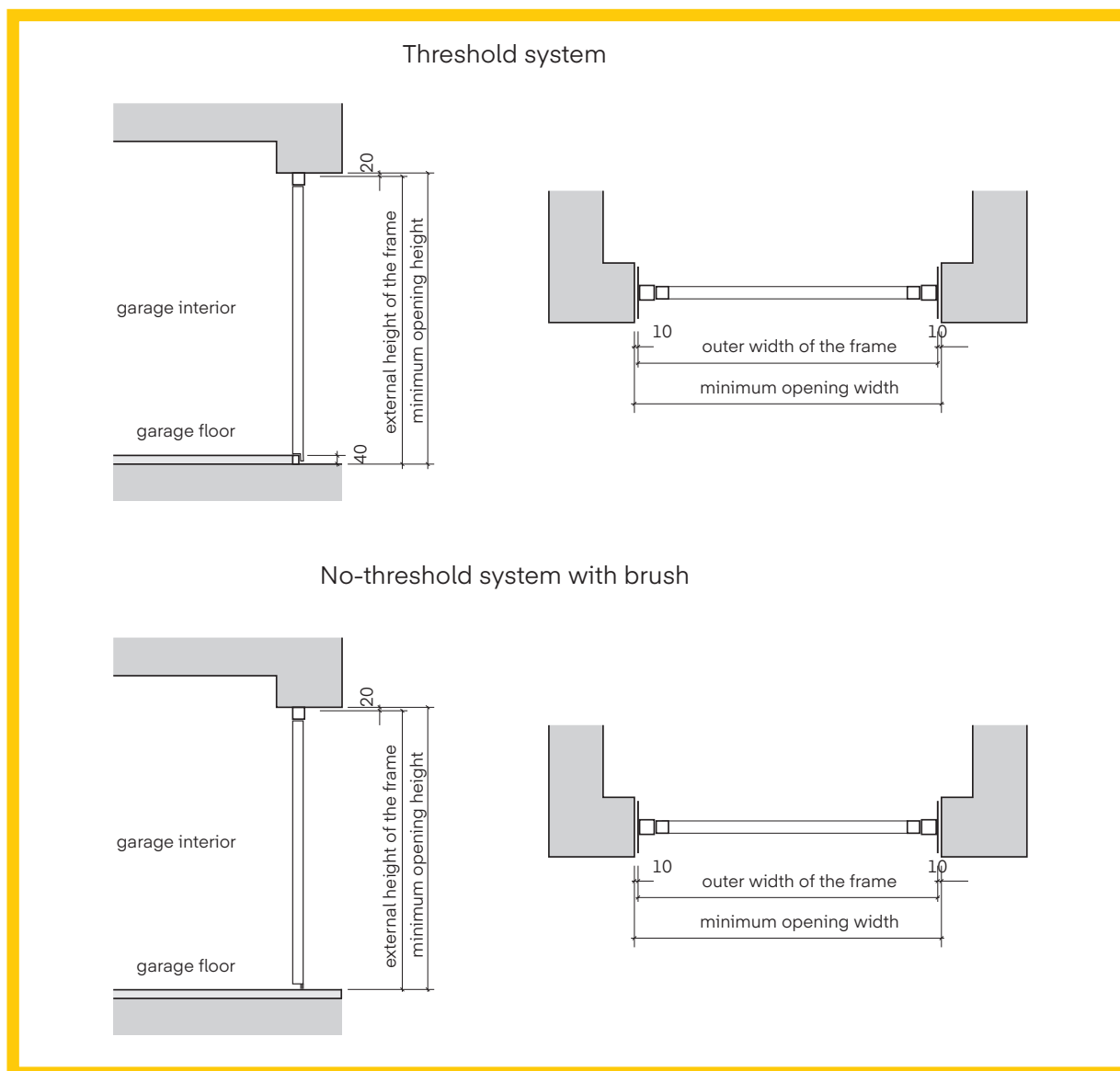
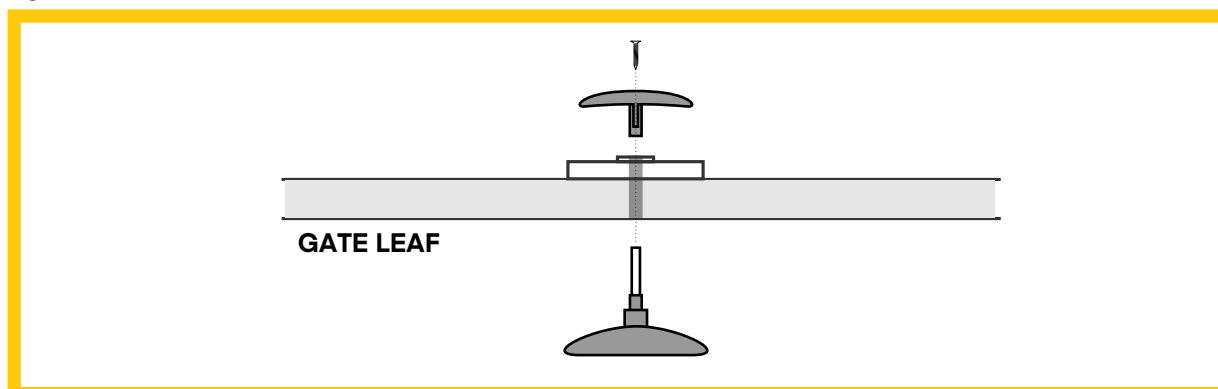


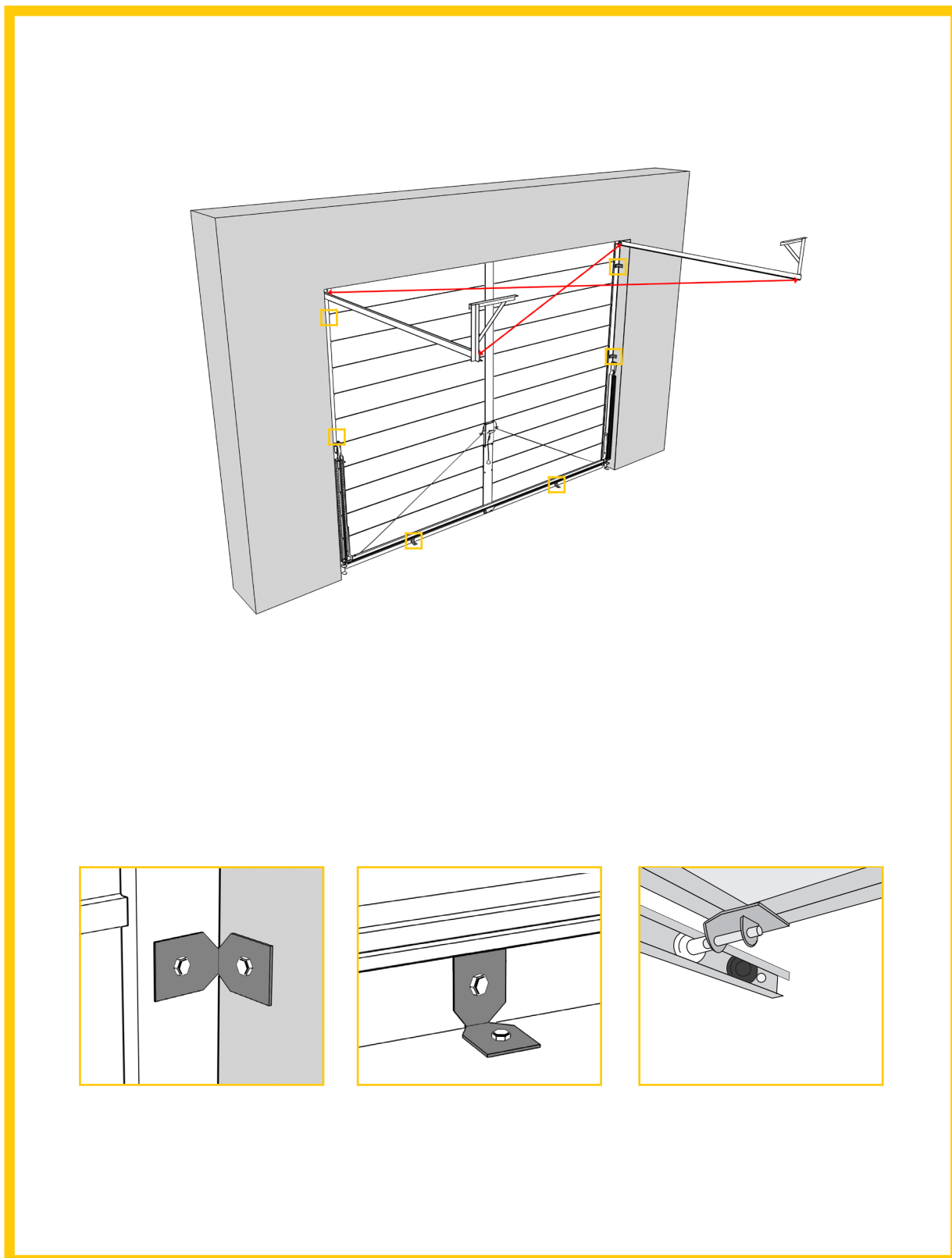
Fig. 03



- Insert the gate in the opening and secure it against falling.
- The flat bars should be screwed to the wall and to the base. The use of anchors is recommended for installation.
- Remove the transport protection.
- Level the frame to the gate leaf.
- Tighten the screws, taking care not to bend the frame.
- Ceiling guides should be lifted and secured against

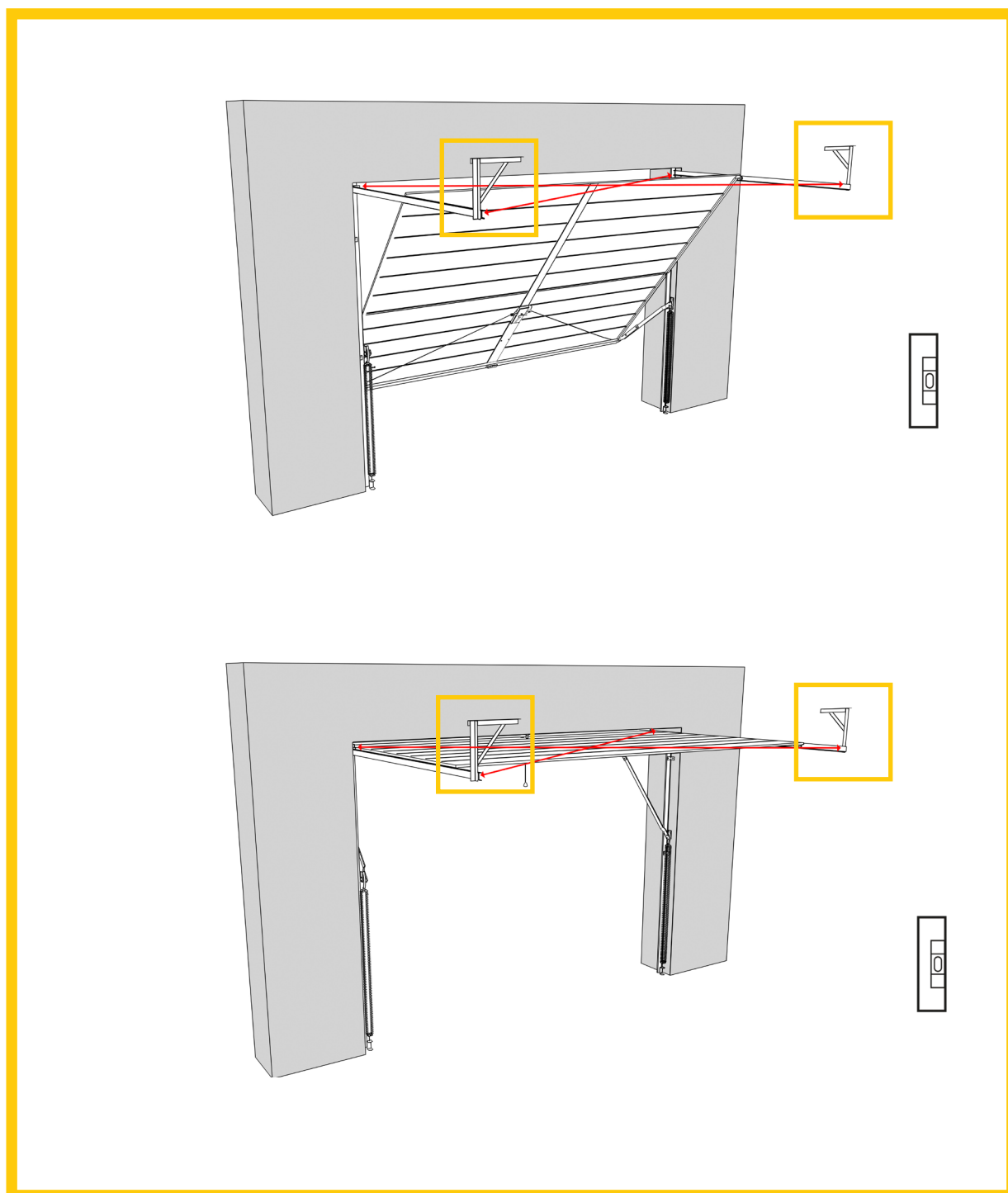
falling, remove the angles, cut to the ceiling level and assemble. Align the guides properly. It is imperative to keep the rails sloping towards the rear approx. 30-40 mm. The rails must be parallel to each other and perpendicular to the frame profile at the top. The installation has been correctly carried out, if the door in the open position is horizontal and on both sides it touches the rubber buffers (not applicable to Compact Panel C).

Fig. 04



- Screw the rails to the ceiling with the ceiling brackets (not applicable to the Compact Panel C door).
- Shorten the ceiling angles depending on the height of the ceiling (not applicable to the Compact Panel C door).
- Rubber bumpers prevent the door from rolling back (does not apply to the Compact Panel C door).
- At the gates with a lower threshold, screw the threshold part in the places most adjacent to the floor by drilling a hole in the right place, then screw it with dowels taking care not to bend the threshold.
- Perform a trial opening of the gate, checking it until it is fully open, paying attention to the correct tension of the springs, the leaf should be slightly pressed in the final phase of closing, while opening the leaf it should open almost automatically, but do not hit the bumpers.
- After installation, check all door parts and fasteners for completeness and correct operation. The door leaf is filled with galvanized steel sheet, coated with acrylic paint, additionally covered with a protective film. Immediately after the door is installed, the protective film must be removed. Otherwise, any damage to the filling will not constitute grounds for a complaint.
- Thermal protection (foam) and linings should be made in accordance with the construction practice.

Fig. 05

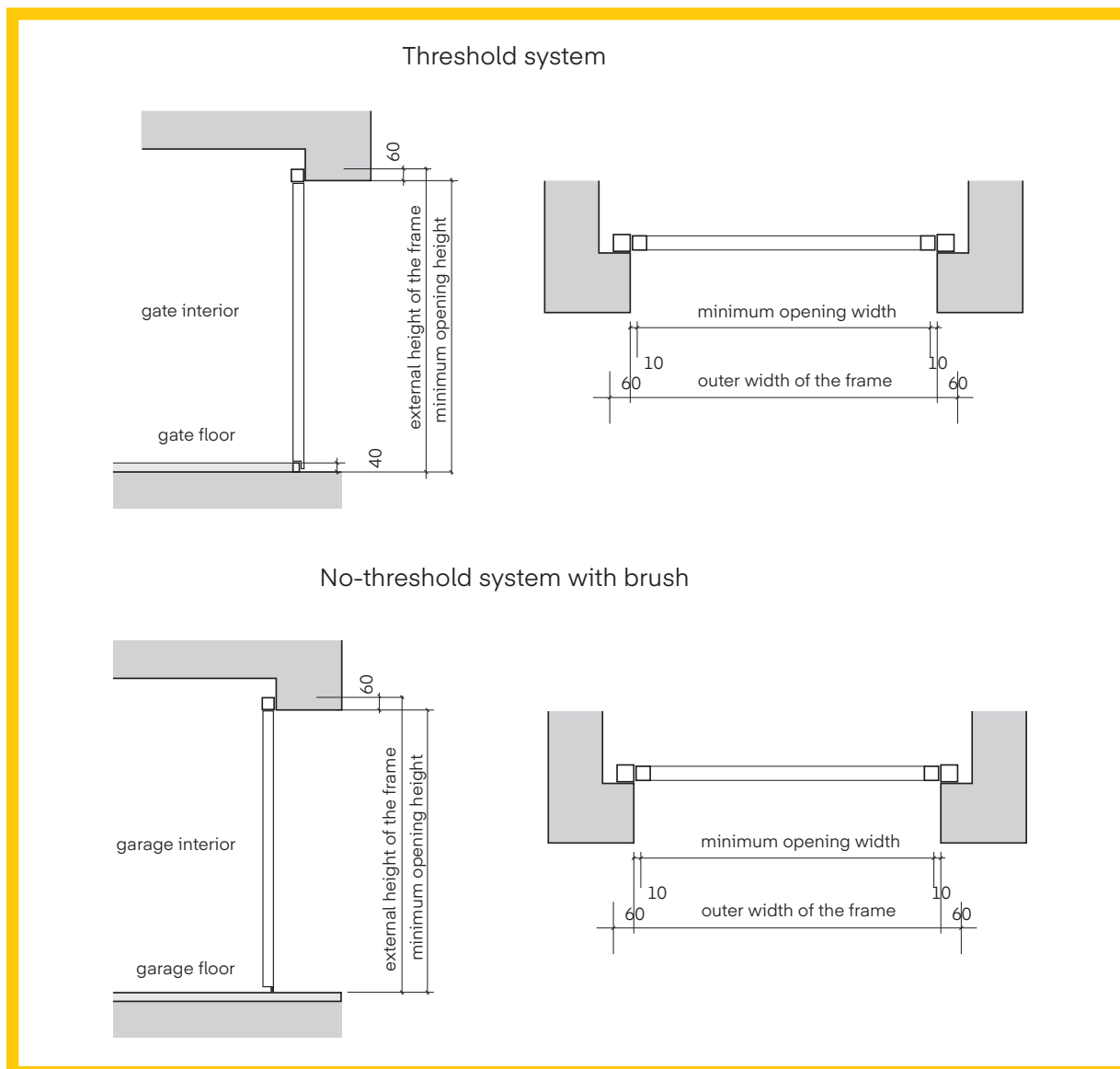


Up and over doors MOUNTING BEHIND THE HOLE

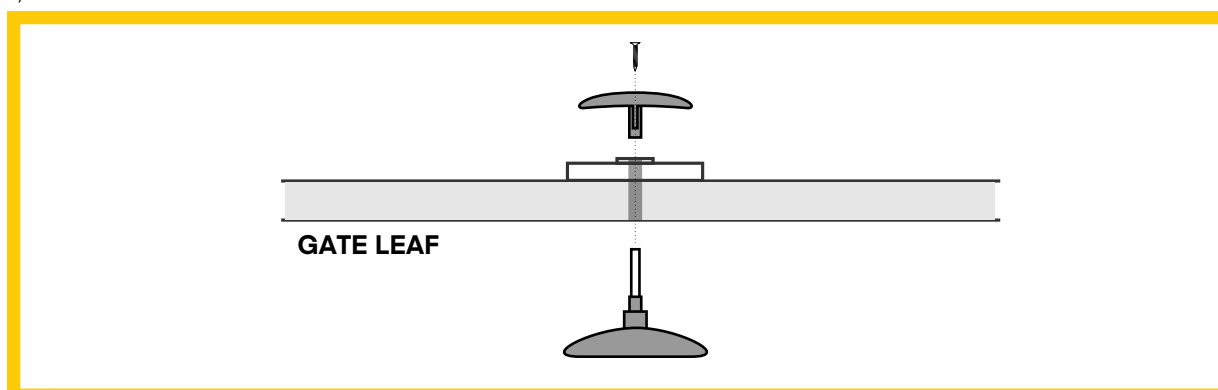
Before starting the assembly works, it is recommended to measure the light of the assembly opening. The garage door should be inserted behind the opening. The diagram is presented in Fig. 06.

- First, install the handle Fig. 07.
- The mounting flat bars are already attached to the frame and to the sill of fig 08. When using other fasteners, make sure that they are at least as strong as those supplied by the manufacturer.

Fig. 06



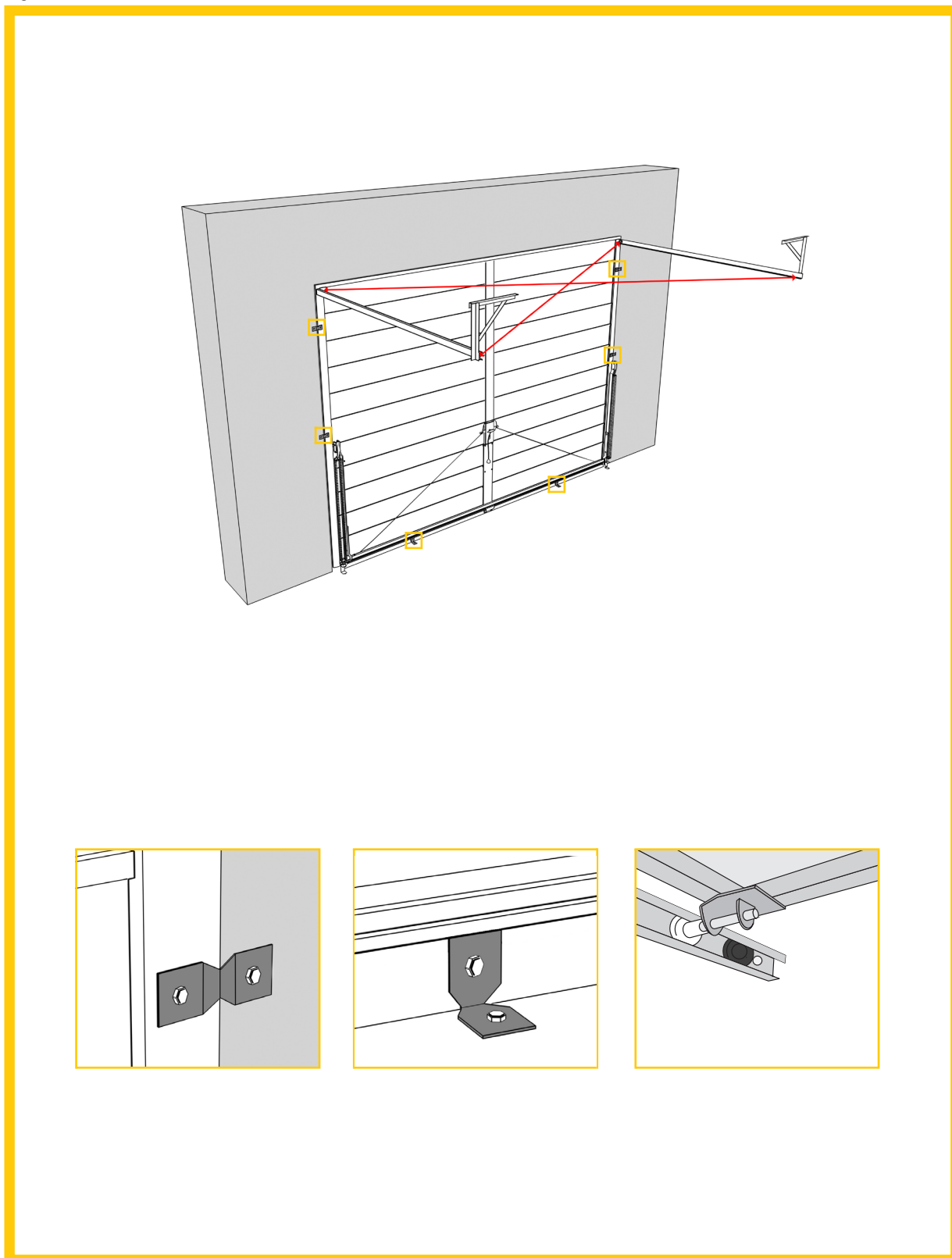
rys. 07



- Insert the gate in the opening and secure it against falling.
- The flat bars should be screwed to the wall and to the base. The use of anchors is recommended for installation.
- Remove the transport protection.
- Level the frame to the gate leaf.
- Tighten the screws, taking care not to bend the frame.
- Ceiling guides should be lifted and secured aga-

inst falling, remove the angles, cut to the ceiling level and assemble. Align the guides properly. It is imperative to keep the rails sloping towards the rear approx. 30-40 mm. The rails must be parallel to each other and perpendicular to the frame profile at the top. The installation has been properly carried out, if the door in the open position is horizontal and on both sides it touches the rubber buffers (not applicable to Compact Panel C).

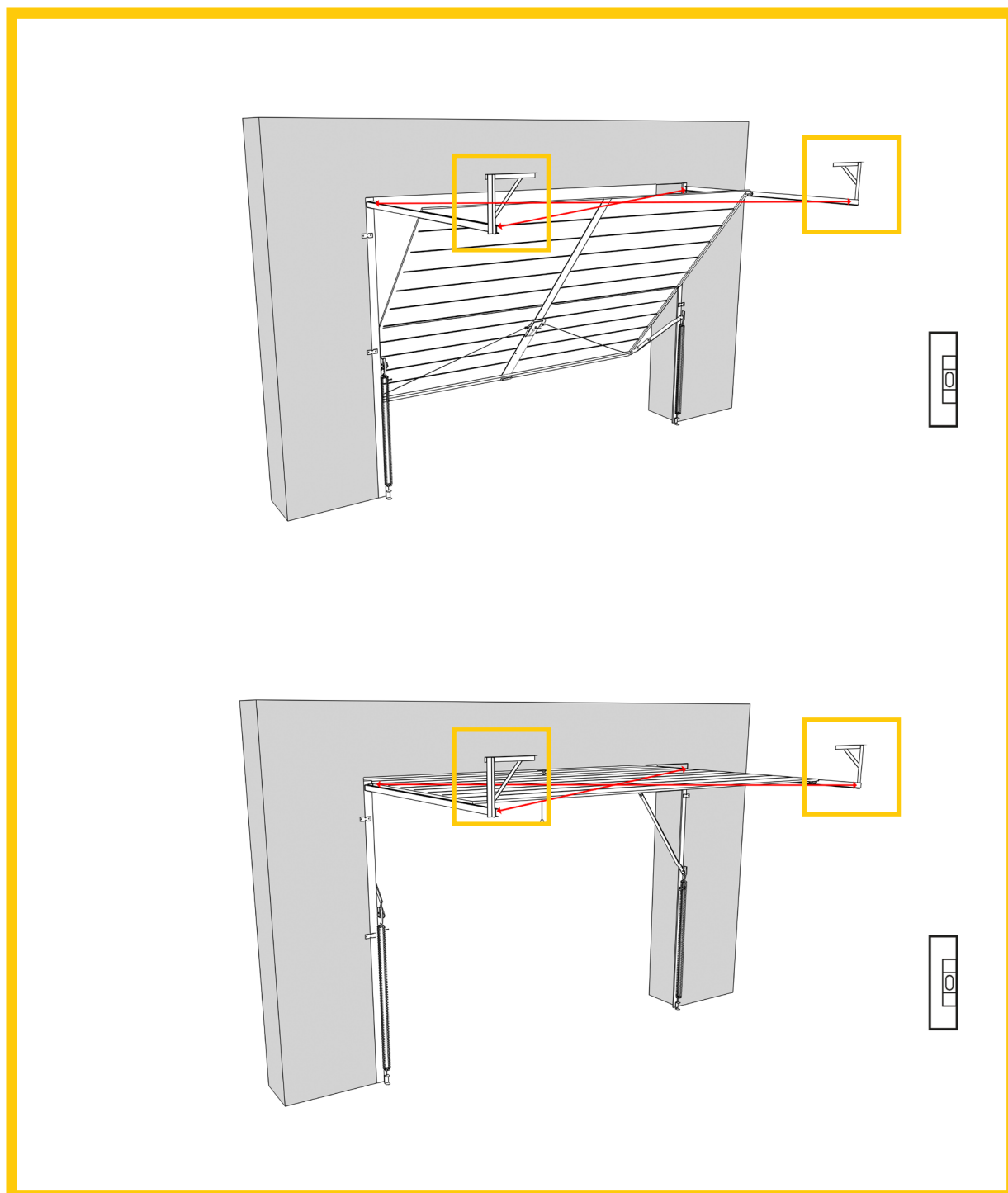
Fig. 08



- Screw the rails to the ceiling with the ceiling angles. Shorten the ceiling angles depending on the height of the ceiling (not for Compact Panel C).
- Rubber buffers prevent the door from rolling back (not for Compact Panel C).
- At the gates with a lower threshold, screw the threshold part in the places most adjacent to the floor by drilling a hole in the right place, then screw it with dowels taking care not to bend the threshold.
- Open the gate carefully and set the bolts to the open position.
- Perform a trial opening of the gate, checking it until it is fully open, paying attention to the correct tension of the springs,

- the leaf should be slightly pressed in the final phase of closing, while opening the leaf it should open almost automatically, but do not hit the bumpers.
- After installation, check all door parts and fasteners for completeness and correct operation. The door leaf is filled with galvanized steel sheet, coated with acrylic paint, additionally covered with a protective foil. Remove the protective foil immediately after installing the door. Otherwise, any damage to the filling will not constitute grounds for a complaint.
- Thermal protection (foam) and linings should be made in accordance with the construction practice.

Fig. 09



ADJUSTING THE TENSION OF THE SPRINGS



- To change the spring tension, the leaf must be placed in the open position. Before commencing adjustments, the gate must be secured against falling.
- To adjust the springs, first check their tension:

- Open the gate, raise the coat to half its height, the gate should remain in this position.
- If the door leaf drops significantly, increase the spring tension by adjusting it.
- If the door leaf visibly rises, reduce the spring tension by adjusting it.
- If the above-mentioned works are not carried out, there is a risk that the door curtain will suddenly fall and injure people or damage objects in the vicinity.



- The spring tension may only be changed by an authorized service center.



- The company reserves the right to make changes to the materials used in production and design changes resulting from technical progress.

TROUBLESHOOTING

- If the gate leaf resists or other faults appear, follow the instructions contained in the operating and maintenance manual.
- If in doubt, contact the installer or the manufacturer's authorized service network

ADDITIONAL REQUIREMENTS

- After completing the installation, check if the gate has a rating plate in accordance with the standard, and if it is missing, the rating plate should be mounted. After checking the correct operation of the gate, hand over the gate operating and maintenance manual to the owner.

- The door leaf is secured with a protective film. The foil should be removed at the latest within 2 weeks from the date of door installation, not later than one month from the date of purchase. Failure to do so will cause the foil to stick very strongly to the sheet under the influence of the heat of sunlight. This will make it impossible to peel off the foil and may lead to the destruction of the varnish coating of the panels.



ENVIRONMENTAL PROTECTION

- Packages
- Packaging elements (cardboard, plastics, etc.) are classified as waste suitable for recycling. Before disposing of the packaging, please follow local regulations for the material.
- Equipment scrapping
- The product consists of many materials. Most of the materials used are recyclable. Before throwing them away, they must be sorted and then delivered to a recycling center. Before scrapping, follow the local legal regulations for the material.



- Returning materials for recycling saves raw materials and reduces waste.

DISASSEMBLY

- Close and lock the gate.
- Carry out the steps in the installation manual in reverse order.

IMPORTANT INFORMATION

- After installation, make sure that when the door is open, the space between the door and the frame on both sides is the same fig. 10
- When the gate is open, the leaf should be horizontal, the self-latch should protrude beyond the frame, and the rollers in the guide should touch the rubber buffer.
- When the gate is closed, there should be a play of approx. 6 mm between the leaf and the slide mounted on the gate's frame so that the self-latch works properly. In the absence of play, the cause may be a poorly screwed threshold.



- It is forbidden to drive into the garage before the threshold is finished (screed, floor). It may damage the frame.

Fig. 10

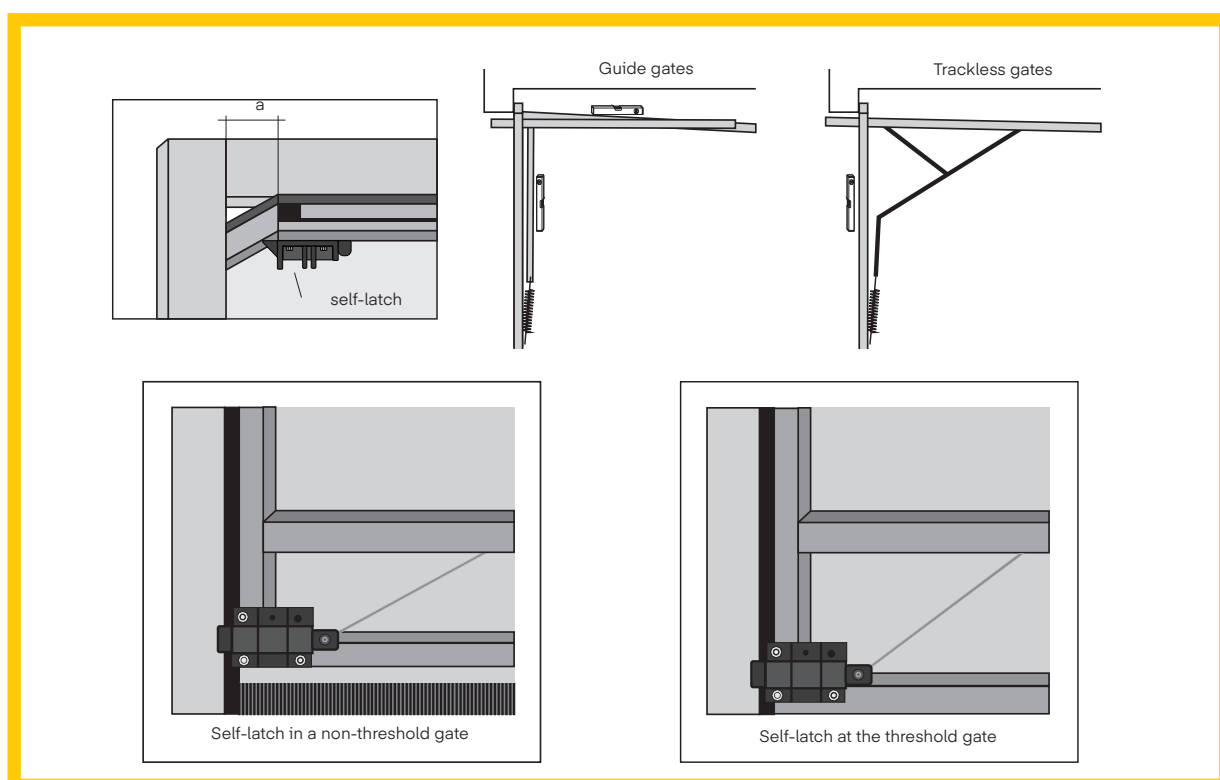
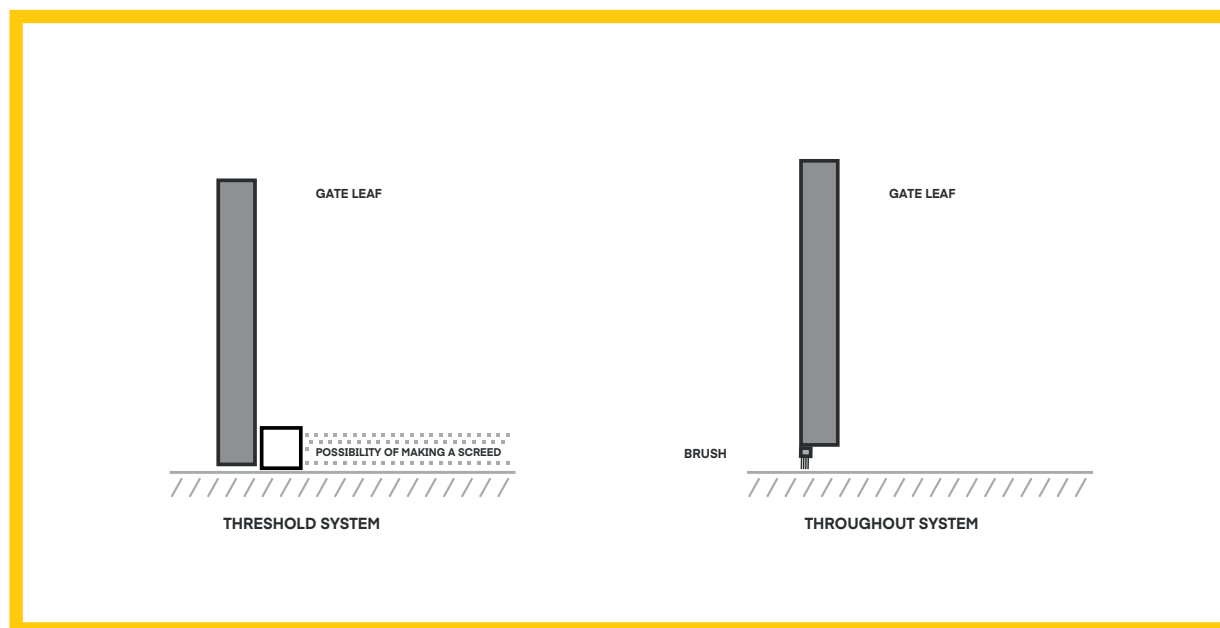


Fig. 11



CARE AND MAINTENANCE

- All operating activities must be carried out in accordance with the gate's Operation and Maintenance Manual. During all works related to the inspection and repairs of the gate, observe the health and safety regulations and the recommendations contained in the gate's Operation and Maintenance Manual.
- It is forbidden to open the door without mounted guides (not applicable to Compact Panel C doors).
- It is forbidden to obstruct the gate movement area. When closing or opening the gate, make sure that there are no people or objects, especially children, in the movement area.
- It is forbidden for people to stay or leave cars or other objects in the light of the open gate.
- It is forbidden to stay, walk, run or drive under the moving gate.
- It is forbidden to use the gate to lift objects or people.
- Children should not be allowed to play with the devices. Gate control transmitters should be kept away from children.
- It is forbidden to modify or remove any elements of the gate! This can damage parts that ensure its safe use.
- It is forbidden to install any additional fillings or thermal insulation of the leaf without written agreement with the door manufacturer. Springs are precisely adjusted to the weight of the door leaf and any additional elements installed on it may cause their overload and malfunction of the door.
- It is forbidden to use the door in case of any irregularities in the operation or damage to the door components. Discontinue use and contact an authorized service center.
- After installing the gate, the protective foil should be removed from the leaf sheathing immediately. Failure to do so will cause the foil to stick very strongly to the sheathing sheet under the influence of the heat of the sun's rays. This will prevent the foil from peeling off and may lead to the destruction of the varnish coating.
- Doors with electric drive must be opened in accordance with the Operator's Manual and Maintenance.
- The door should be protected against factors harmful to paint coatings and metals, e.g. caustic agents such as acids, alkalis, salts.
- The door should be protected against plaster splashes, paints and solvents during the finishing or renovation of the room

Before opening the gate for the first time, it must be checked in accordance with the Routine Maintenance Manual.

Opening - the gate should be opened manually only with the use of handles or external or internal handles intended for this purpose. Incorrect handling can cause an accident.

Closing - the gate should be closed manually by vigorously pushing it through the door handle of the sash, causing the latch bolts to automatically snap into the mating elements of the frame.

Locking (lock) of the gate - as standard, the gates are equipped with locks, which, if the gate does not have a drive, can be locked by removing the key from the lock, which will allow the handle to turn into the closed position by itself. When closing the gate with a bolt, leave the lever facing downwards after closing.

Unlocking (lock) the gate - use the key or the lock bolt: from the outside - turn the key by 180 ° clockwise, from the inside - move the lock bolt located next to the lock insert downwards and simultaneously turn the handle.



In the case of gates with an automatic system, follow the operator's manual.

The gate is not intended for use:

- in an explosive atmosphere,
- as a fireproof partition,
- in humid rooms,
- in rooms with chemicals harmful to protective and varnish coatings,
- from the sunny side in the case of dark colors of the door leaf sheathing,
- as the supporting structure of the building.

CURRENT MAINTENANCE INSTRUCTION

Actions that can be performed by the Owner after carefully reading the assembly instructions. The outer surface of the door leaf should be cleaned with a sponge and clean water or a commercially available paint cleaning agent. Do not use abrasive cleaners, sharp tools, or nitro solvent based cleaners.

The inspection work should be carried out at least once every 6 months. During the works it is necessary to:

- Lubricate the rails with silicone oil before starting the door and, if necessary, during operation.

- Do not oil the lock cylinder. If necessary, lubricate with graphite grease.
- During the inspections, check the elements fixing the door to the wall, bolts (screws), introducing rollers, in the event of finding any irregularities, they must be absolutely removed, before removing them, the door must not be operated.
- In the event of any irregularities in the operation or damage to the door components, discontinue use and contact an authorized service center.



The gates are equipped with self-latches that should not be lubricated.

The gate should be serviced at least once every 12 months. Maintenance should be performed by an authorized service. After approx. 5000 cycles, but no later than 12 months, the following works should be carried out:

- Spray the pivot points of the gate with silicone spray, clean the rails and also spray with silicone.
- The lock must not be oiled, if necessary, use graphite grease.
- Lubricate the hinge joints.
- Ensure proper water drainage and proper ventilation to prevent condensation (lack of proper ventilation may lead to corrosion of the gate elements).
- Check that the rollers are turning when opening and closing the jacket. If they resist or not turn at all, check their condition, especially the rollers.
- Protect the gate against contact with corrosive substances such as acids, bases, salt solutions and others.
- For cleaning and care of steel door surfaces, it is recommended to use mild household cleaning agents..
- Traces of flash rust must be removed immediately.
- Check bolts and connectors and tighten if necessary.
- Check the wearing parts and, if necessary, replace them with new original ones.
- Check the spring tension. If it is necessary to change the spring tension, please follow the instructions.
- The spring packages should be replaced after approximately 10,000 cycles.

This is approximately:

0 to 5 openings a day - after 6 years,
6 to 10 openings a day - after 3 years,
11 to 20 openings a day - after 2 years.



Protocols from maintenance and service repairs should be kept together with the warranty card.

Activities requiring a professional installer.

Any alterations and modifications to the gates. Any modifications must be agreed in advance with the manufacturer in writing. Otherwise, the warranty becomes void.

All complaints should be reported to the seller-company where the product was purchased.

The seller provides a warranty for a period of 12 months from the date of sale. Defects revealed during this period will be removed free of charge. The repair time is 14 days from the delivery of the product, or 21 days from the written complaint. The warranty period is extended by the repair time.

Warranty repair is understood as the performance of specialist activities appropriate to the removal of the defect covered by the warranty. Points showing material or construction deficiencies and therefore not working well will, in our opinion, be repaired or replaced with new ones. Replaced parts become the property of the manufacturer.

The warranty does not cover:

- products that have been installed by persons other than those authorized by GMS;
- products installed contrary to the instructions
- damaged mechanically, thermally, chemically and all others that have been damaged by the actions or omissions of the user or the action of external force, etc.
- **damaged as a result of:**
 - alterations and design changes made by the user or third parties,
 - misuse,
 - using defective products,
 - use of non-original materials or accessories,
 - wrong transportation.
- maintenance, replacement of parts with a specified lifetime (e.g. rollers).

The buyer's rights under the guarantee shall expire if the entire payment is not made on time.

In order to take advantage of the warranty, the buyer must notify the seller in writing by completing the manufacturer's complaint form within 3 days from the date the defect was discovered.

The warranty covers only gates installed in Poland.

The condition for the warranty to be valid is to present a completed and stamped warranty card in the following items:

- date of sale, invoice number, seal and signature of the seller,
- serial number,
- date and place of assembly,
- distributor's stamp and signature.