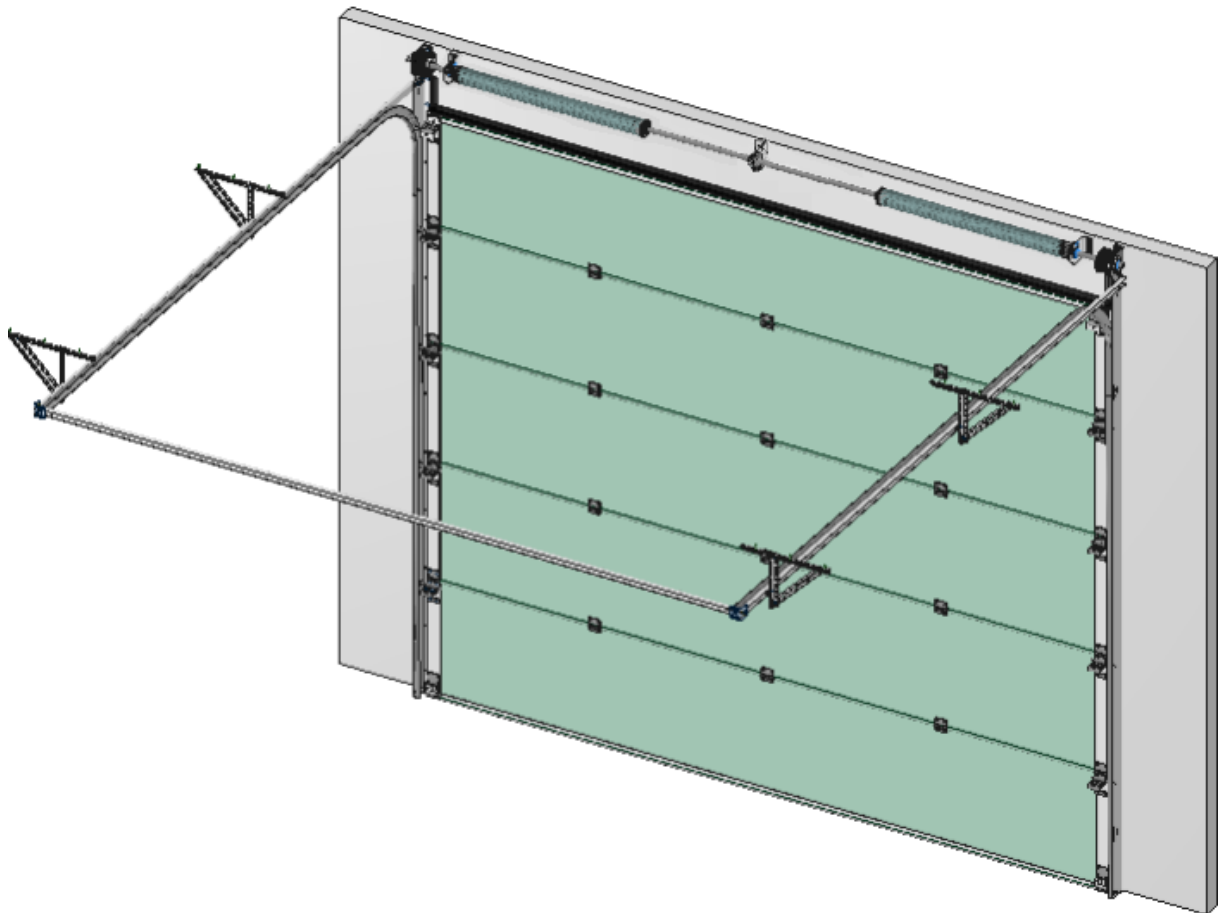




MANUFACTURER OF THE SECTIONAL GARAGE DOOR

# SEGMENTAL GARAGE DOOR ASSEMBLY INSTRUCTIONS SRF 350



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## 1. WARRANTY CONDITIONS:

THE INSTRUCTIONS HAVE BEEN MADE TO BE USED BY QUALIFIED PERSONS AND NOT INTENDED FOR USE BY UNAUTHORISED PERSONS OR DO-IT-YOURSELF ENTHUSIASTS. THE INSTRUCTIONS HAVE BEEN PREPARED IN DRAWINGS AND DESCRIPTIVE PART. IN CASE OF QUESTIONS REGARDING ASSEMBLY OR UNCLEAR INSTRUCTIONS, PLEASE CONTACT FILL. THE INSTRUCTIONS ONLY PRESENT THE CORRECT ASSEMBLY OF THE DOOR ELEMENTS.

## 2. ASSEMBLY CONDITIONS:

UNPROFESSIONAL ASSEMBLY, ANY ALTERATIONS TO GARAGE DOOR OR THE MOTOR, WHICH DO NOT COMPLY WITH THIS INSTRUCTIONS MAY CAUSE DAMAGE TO ELEMENTS WHICH ARE COMPONENTS OF THE DOOR, OR BODILY HARM TO THE PEOPLE OPERATING THE DOOR. IT ALSO APPLIES TO DAMAGE CAUSED AS A RESULT OF IMPROPER OPERATING OR NOT FOLLOWING THE INSTRUCTIONS GIVEN HERE. THE PRESENTED SYSTEM FOR RESIDENTIAL BUILDINGS CAN BE ASSEMBLED, CONNECTED AND OPERATED ONLY BY TRAINED PEOPLE.

- THE GARAGE DOOR CAN BE ASSEMBLED, ACTIVATED AND PUT IN TO OPERATE ONLY BY AN AUTHORISED AND TRAINED PERSON.
- MAKE SURE THAT ELECTRIC CURRENT IS SWITCHED OFF WHILE WORKING ON ELECTRICAL DEVICES!
- NEVER TURN OFF THE SAFETY DEVICES!
- SOME PARTS HAVE SHARP EDGES, SO PROTECTIVE GLOVES SHOULD BE USED.
- NEVER USE A GARAGE DOOR IN CASE OF A VISIBLE DAMAGE OF SAFETY DEVICES.
- USE GLOVES AND SAFE FOOTWEAR DURING THE ASSEMBLY, AND PUT ON PROTECTIVE GLASSES WHILE DRILLING!
- MAKE SURE THAT THE WORK IS DONE IN A STABLE ENVIRONMENT.
- SECURE THE ASSEMBLY SITE SO THAT OTHER PEOPLE AND CHILDREN CAN STAY AT SAFE DISTANCE.
- MAINTENANCE CAN BE CARRIED OUT ONLY BY AN AUTHORISED PERSON OR AN AUTHORISED COMPANY.
- USE APPROPRIATE TOOLS, ESPECIALLY WHILE TENSIONING TORSION SPRINGS.

## 3. MATERIAL FOR FIXING INSIDE A BUILDING

THE MATERIAL FOR FIXING THE GARAGE DOOR INSIDE A BUILDING IS NOT A COMPONENT OF GARAGE DOOR. THE ASSEMBLER IS RESPONSIBLE FOR THE USE OF RIGHT MATERIAL CONNECTING THE GARAGE DOOR CONSTRUCTION TO THE LINTEL.

## 4. ASSEMBLY KIT

- FULL SET OF GUIDES (HORIZONTAL AND VERTICAL)
- COMPLETE SHAF (SPRINGS, SPRING PROTECTION, CABLE DRUMS AND BEARINGS)
- PANELS
- PERFORATED ANGLE OR SYSTEM SUSPENSIONS
- BOX CONTAINING ELEMENTS JOINING PANELS DEPENDING ON THE VERSION, SUPPORTING ROPES, SCREWS, ETC

## 5. TOOLS FOR ASSEMBLY

THE TOOLS WHICH ARE NECESSARY FOR A QUICK AND PROPER ASSEMBLY:

- DRILL
- DRILL BITS FOR DOWELS (E.G. 8MM, 10MM, 12MM)
- SCREW GUN
- DRILL BIT 4.2MM, 8.0MM, 13MM
- SOCKET BITS 10MM, 13MM
- CROSS HEAD BIT
- ANGLE GRINDER WITH METAL DISC
- FL AT/ SOCKET WRENCH
- SET OF ALLEN KEYS
- CARPENTRY CLAMPS
- PENCIL OR A MARKER
- LEVEL
- MEASURING TAPE
- LADDER OR SCAFFOLDING
- RODS FOR SPRINGING

## 6. INSPECTION AND MAINTENANCE IMMEDIATELY AFTER ASSEMBLY

AFTER COMPLETING THE ASSEMBLY, THE ASSEMBLER SHOULD CAREFULLY CHECK IF ALL THE COMPONENTS ARE INSTALLED IN ACCORDANCE WITH THE INSTRUCTIONS, PROPERLY TIGHTENED AND HE SHOULD ALSO:

- LUBRICATE THE BEARINGS AND ROLLS
- LUBRICATE THE SIDE AND MIDDLE HINGE PINS
- LUBRICATE THE SUPPORTING ROPE
- LUBRICATE THE GASKETS
- REMOVE THE PROTECTIVE FOIL FROM THE PANELS
- STICKING THE IDENTIFICATION CARD AND REQUIRED WARNING STICKERS

## 7. HANDING THE FINISHED PRODUCT TO THE CUSTOMER

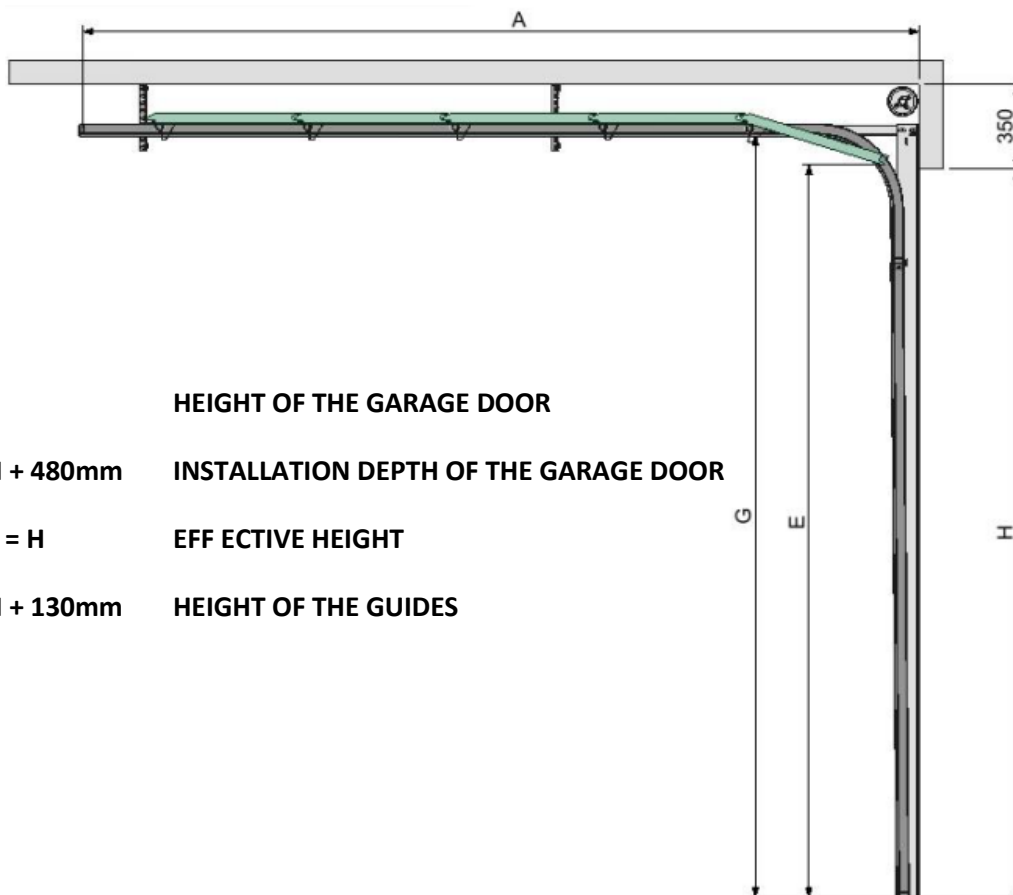
WHILE HANDING THE GARAGE DOOR TO THE USER, THE COMPANY CONDUCTS TRAINING IN THE FIELD OF OPERATING, MAINTENANCE AND PROVIDES THE FOLLOWING DOCUMENTS:

- DECLARATIONS OF PERFORMANCE
- A PROOF OF PURCHASE
- WARRANTY CARD
- INSTRUCTIONS FOR USE, OPERATION AND MAINTENANCE OF THE GARAGE DOOR

## 8. ELECTRIC DRIVE

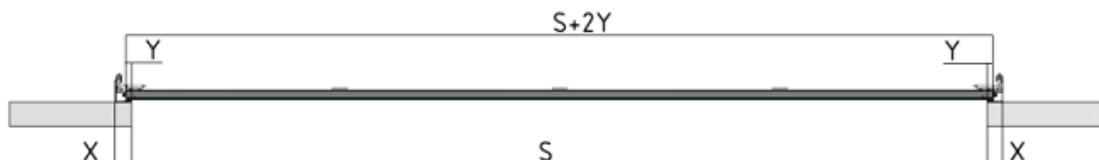
ALL THE ELECTRIC DEVICES (INCLUDING DRIVES) BEING COMPONENTS OF THE GARAGE DOOR SHOULD MEET THE REQUIREMENTS OF THE RELEVANT EU DIRECTIVES AND STANDARDS. INSTALLATION OF THE DRIVE SHOULD BE DONE IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY ITS MANUFACTURER. IN CASE OF POWER FAILURE AND LACK OF A SEPARATE ENTRANCE TO THE GARAGE, THE DOOR SHOULD BE EQUIPPED WITH A LOCK UNLOCKING THE DRIVE.

## 9. VIEW OF THE GARAGE DOOR – VERTICAL SECTION

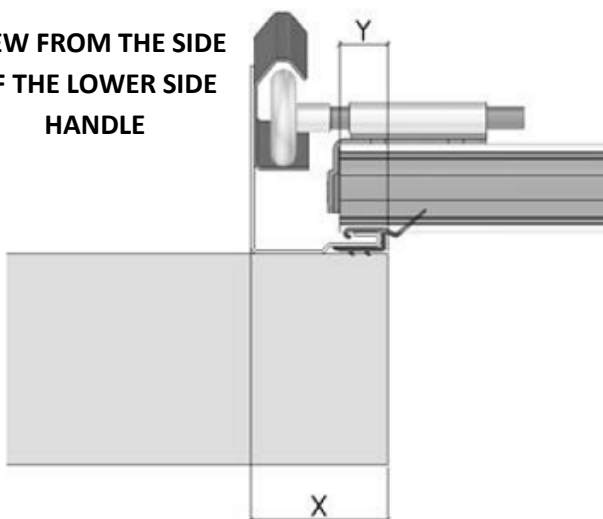


H		HEIGHT OF THE GARAGE DOOR
A	$H + 480\text{mm}$	INSTALLATION DEPTH OF THE GARAGE DOOR
E	$E = H$	EFFECTIVE HEIGHT
G	$H + 130\text{mm}$	HEIGHT OF THE GUIDES

## 10. VIEW OF THE GARAGE DOOR-TRANSVERSE SECTION

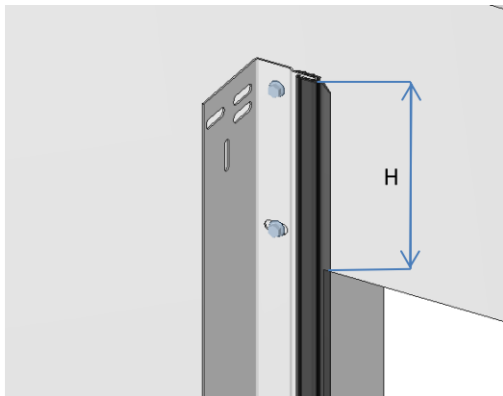


VIEW FROM THE SIDE  
OF THE LOWER SIDE  
HANDLE

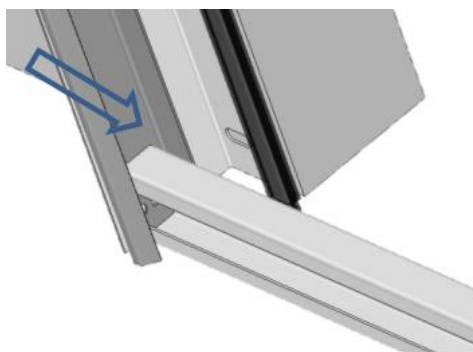
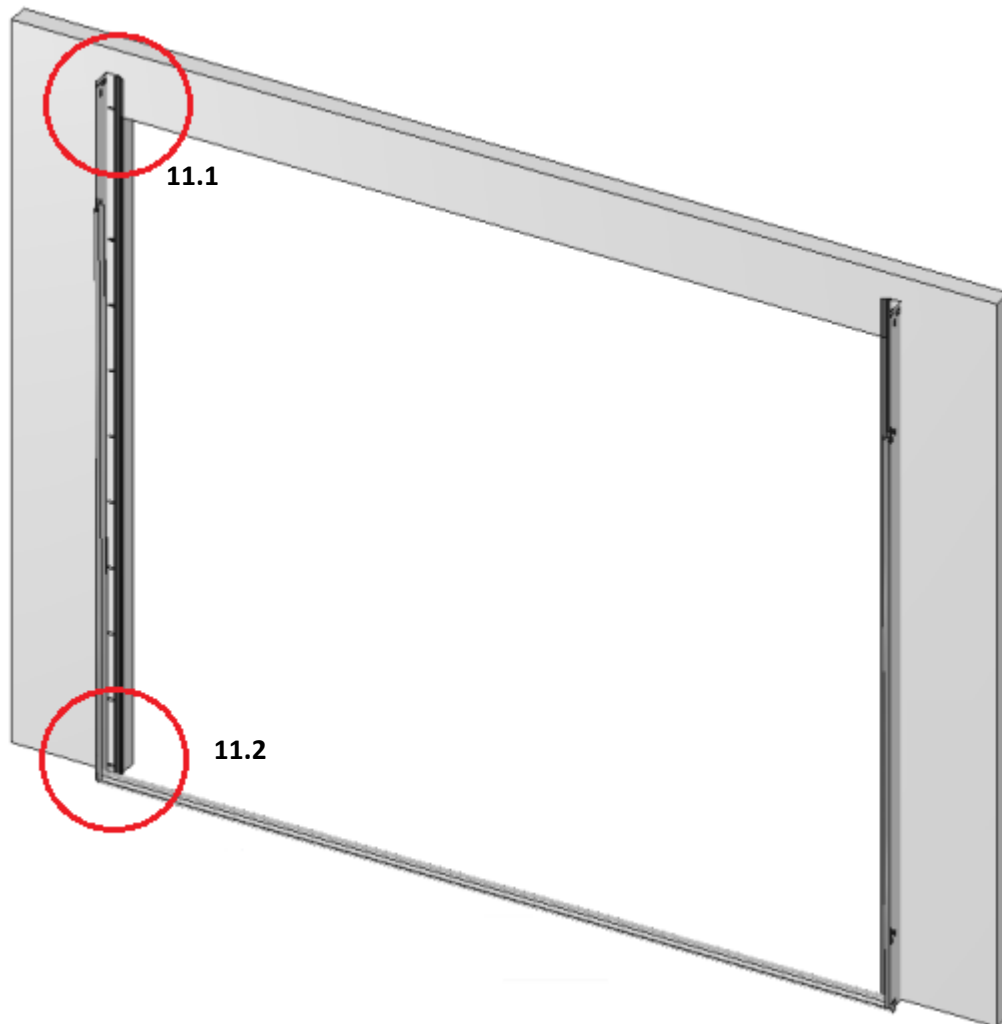


S	WIDTH OF THE GARAGE DOOR
$S + 2Y$	WIDTH OF THE DOOR PANELS
$X = 65\text{mm}$	SETTING THE VERTICAL ANGLE FROM THE EDGE OF THE WALL
$Y = 15\text{mm}$	SETTING THE DOOR PANELS

## 11. INSTALLATION OF THE VERTICAL GUIDES

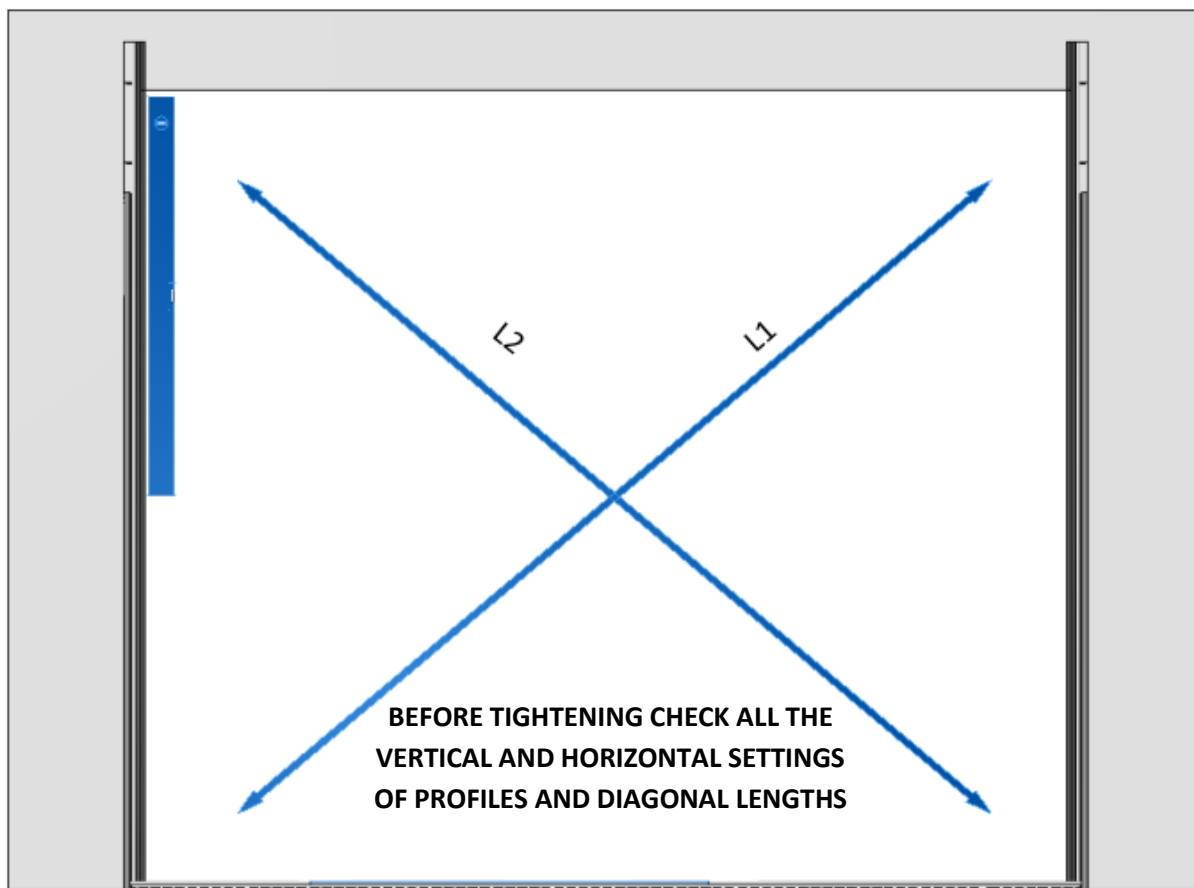


**11.1 PUT THE END OF THE ANGLE AT HEIGHT H=185MM ABOVE THE LINTEL.**

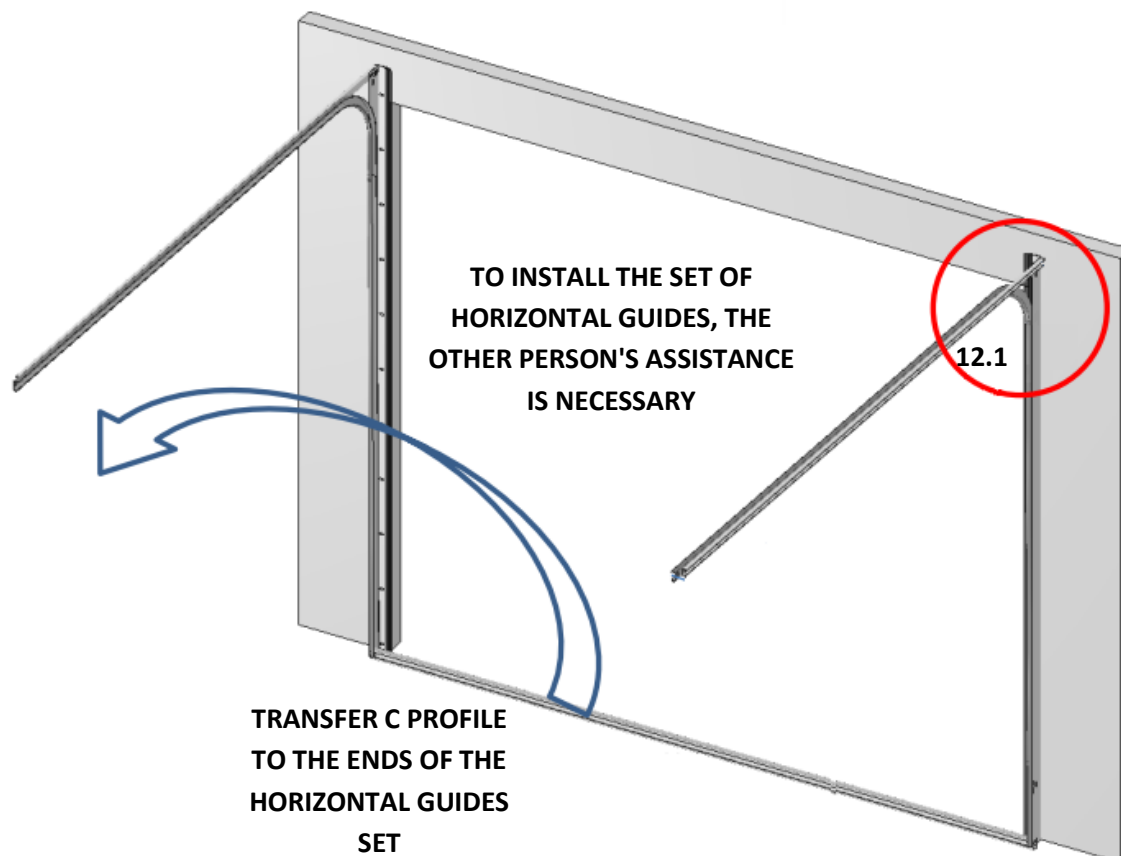


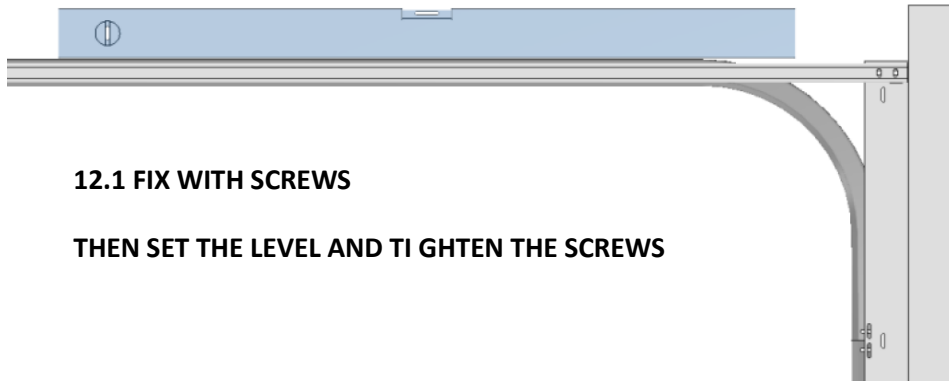
**11.2 IN ORDER TO SET THE VERTICAL GUIDES CORRECTLY USE THE C PROFILE DISTANCE**

**WARNING: THE PROFILE LENGTH + 125mm**



## 12. INSTALLATION OF THE HORIZONTAL GUIDES

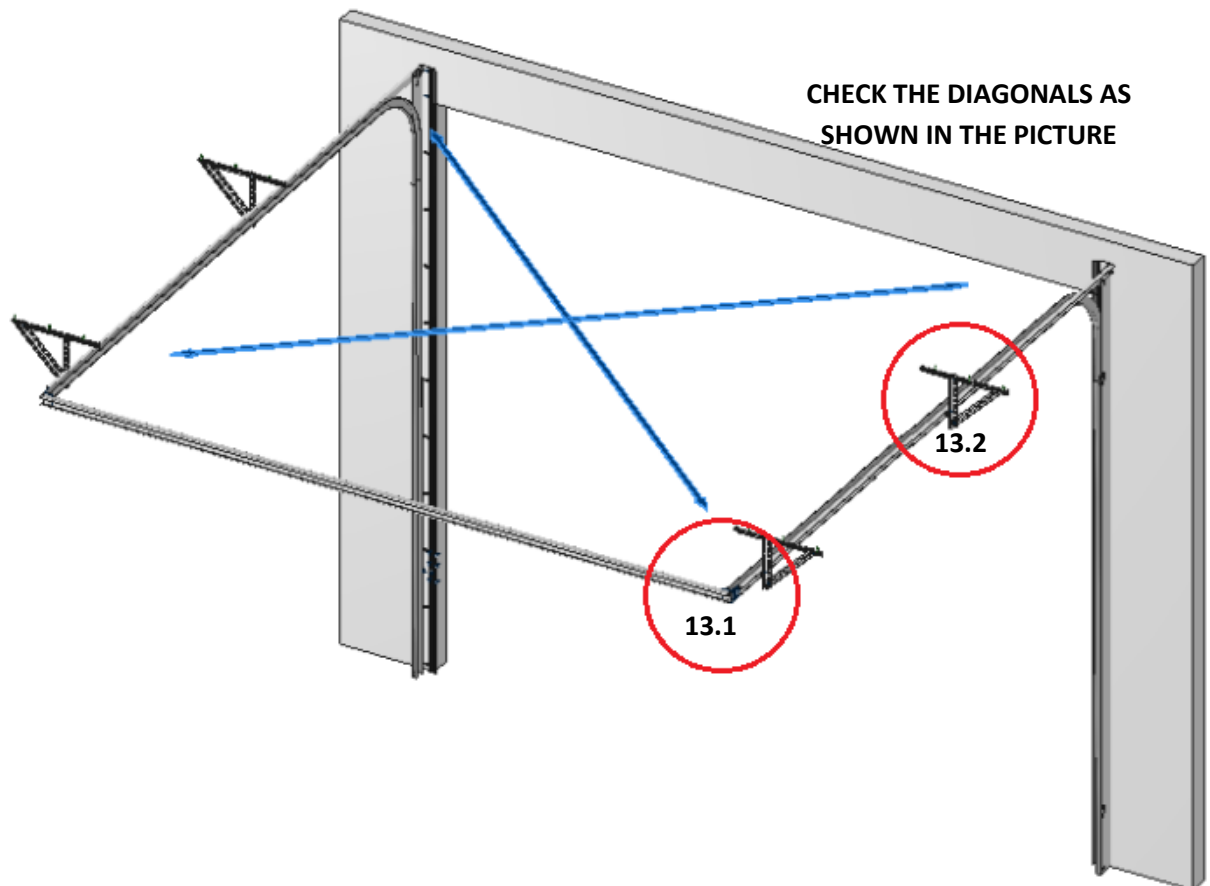




12.1 FIX WITH SCREWS

THEN SET THE LEVEL AND TIGHTEN THE SCREWS

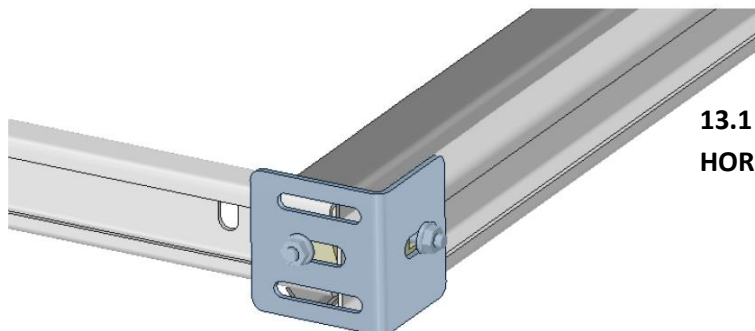
### 13. C PROFILE INSTALLATION AT THE ENDS OF THE GUIDES



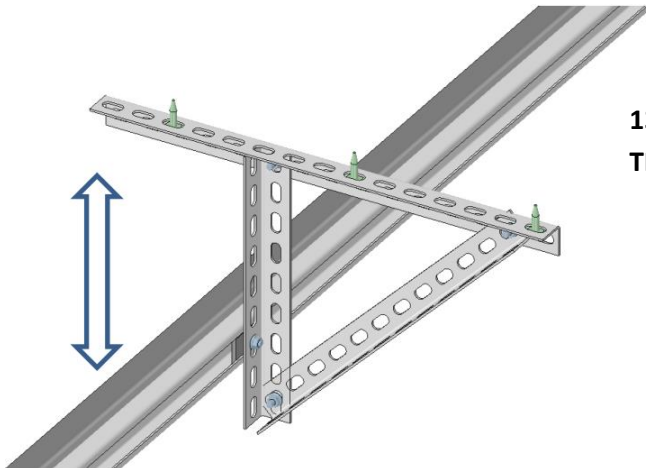
CHECK THE DIAGONALS AS SHOWN IN THE PICTURE

13.1

13.2

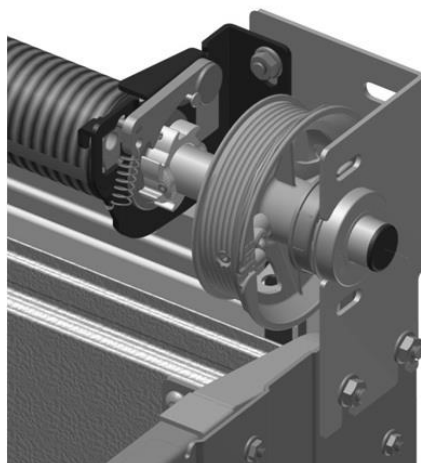
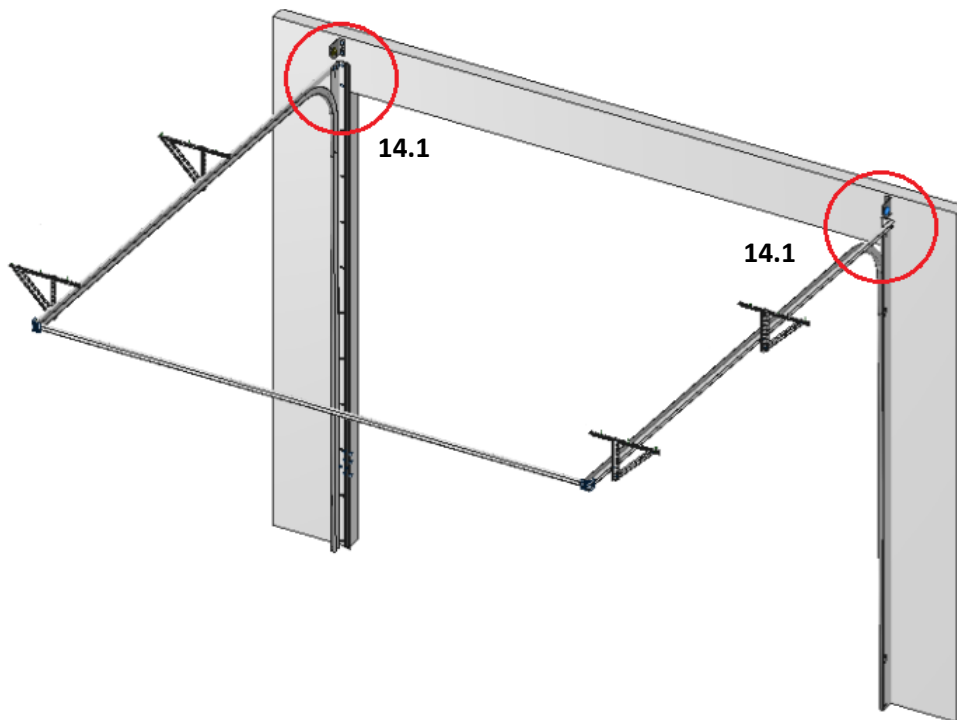


13.1 PLACE THE C PROFILE PARALLEL WITH THE HORIZONTAL GUIDES



13.2 MAKE HOLES IN THE CEILING TO ATTACH THE GUIDES' HANDLES

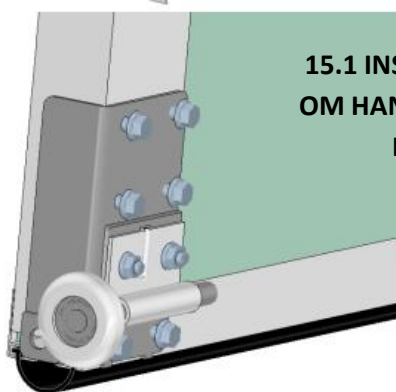
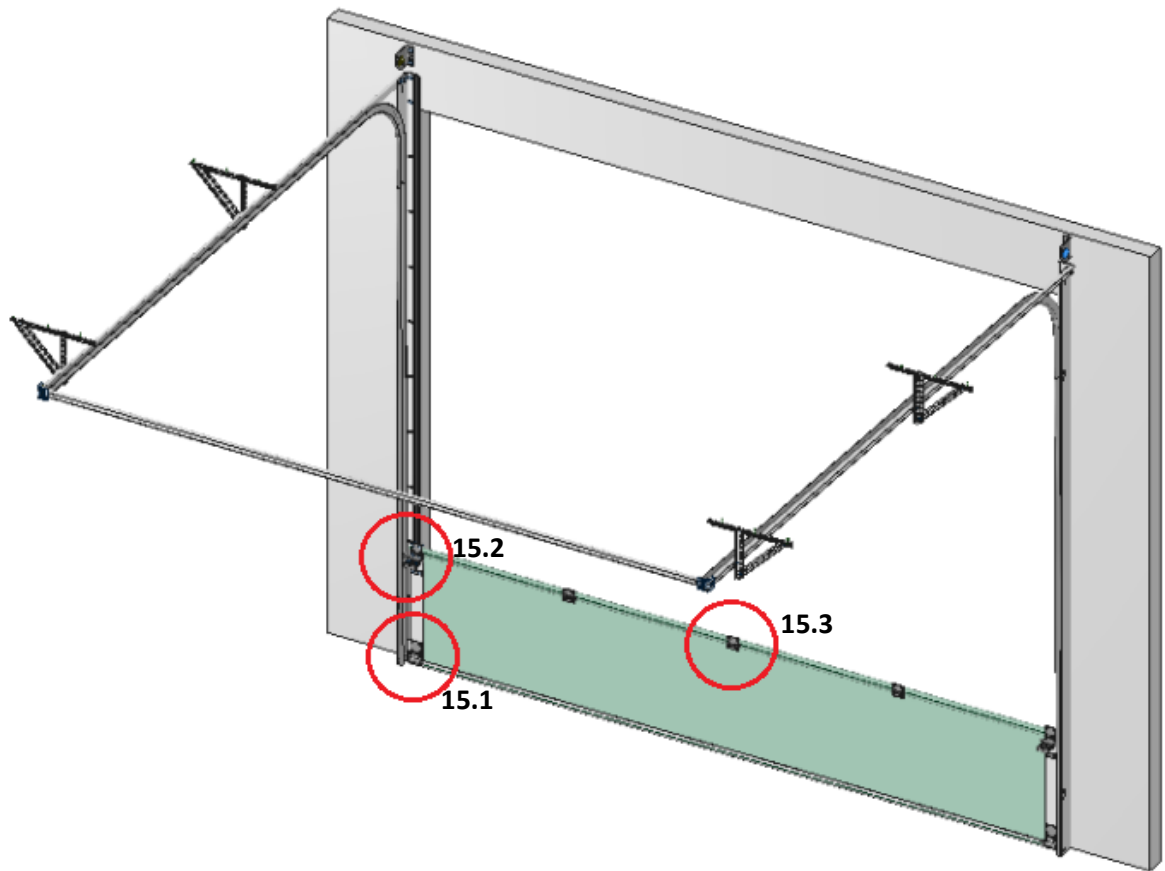
## 14. INSTALLATION OF THE SHAF WITH SPRINGS



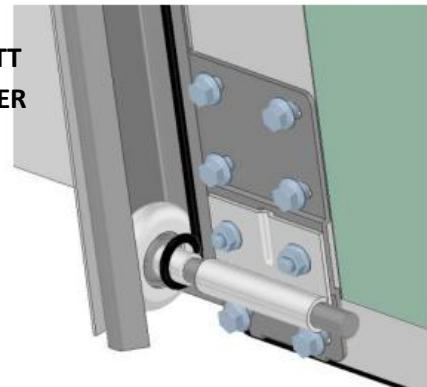
14.1 SLIDE THE COMPLETE SHAF INTO THE STRUT, SLIDE THE BEARINGS APART. TIGHTEN THE SAFETY DEVICES AND DRUMS.

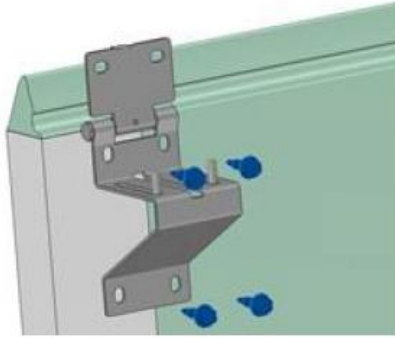


## 15. INSTALLATION OF THE FIRST PANEL

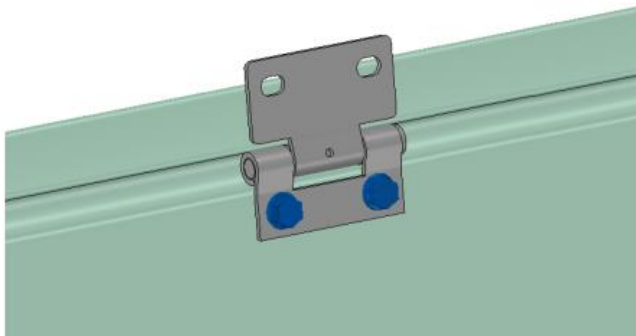


**15.1 INSTALLATION OF THE BOTTOM HANDLE. ADJUST THE ROLLER INSIDE THE GUIDE.**



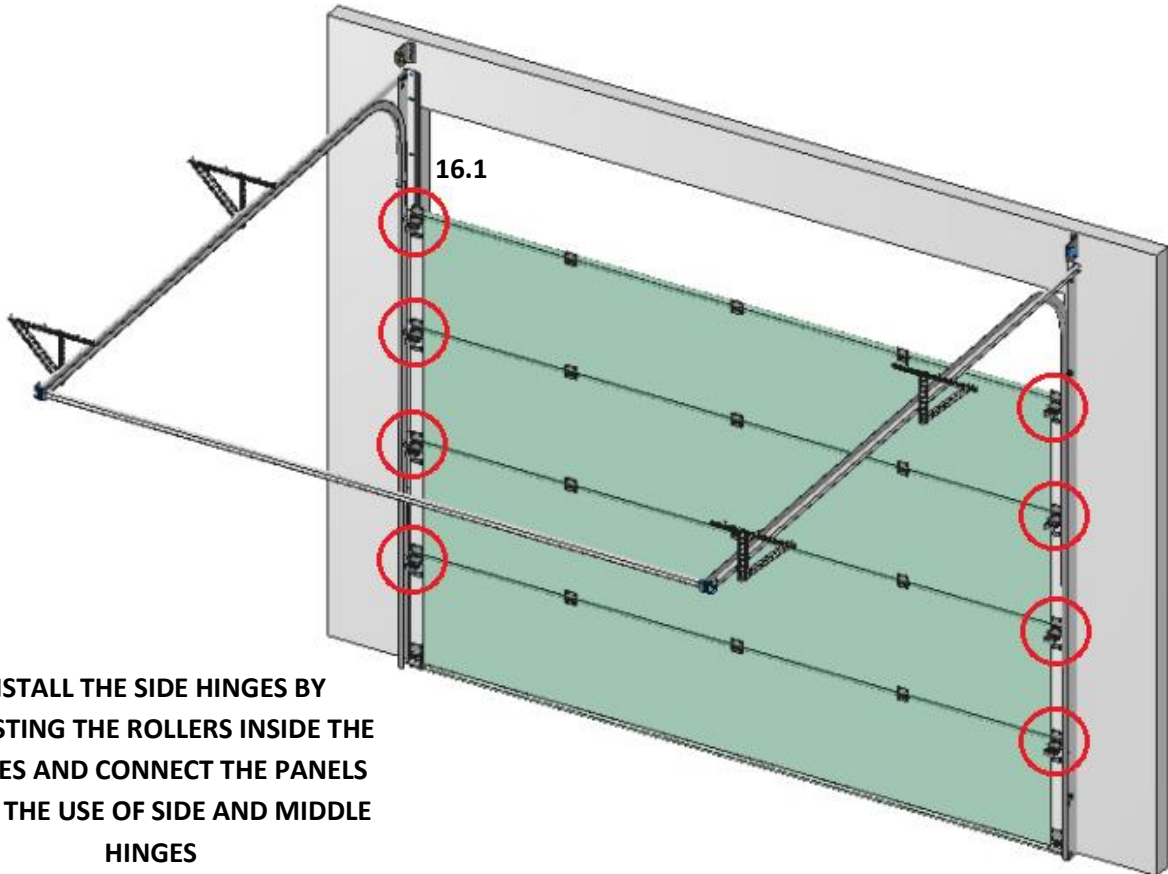


15.2 SCREW THE SIDE HINGES TO THE PANEL

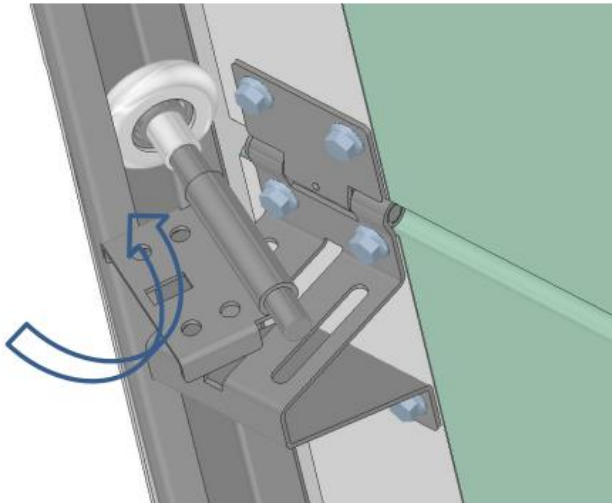


15.3 SCREW THE MIDDLE HINGES OF THE PANEL

## 16. INSTALLATION OF THE SUBSEQUENT PANELS

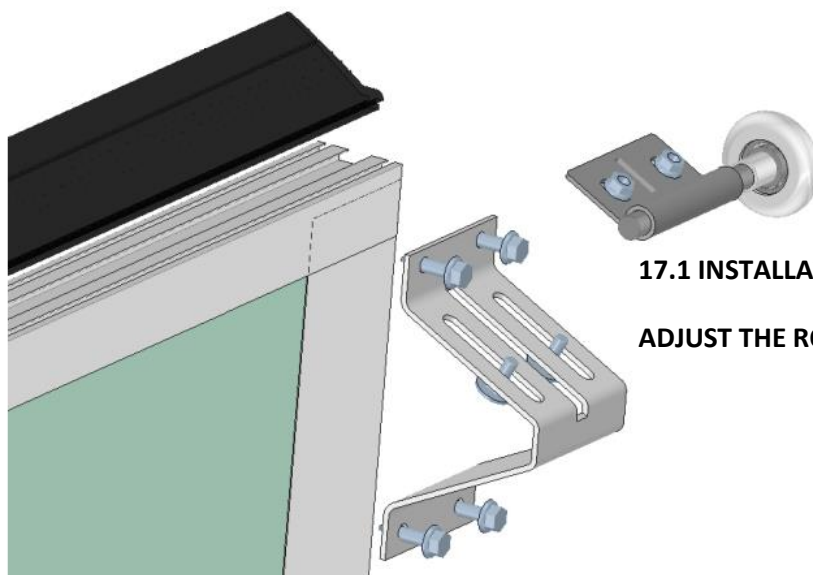
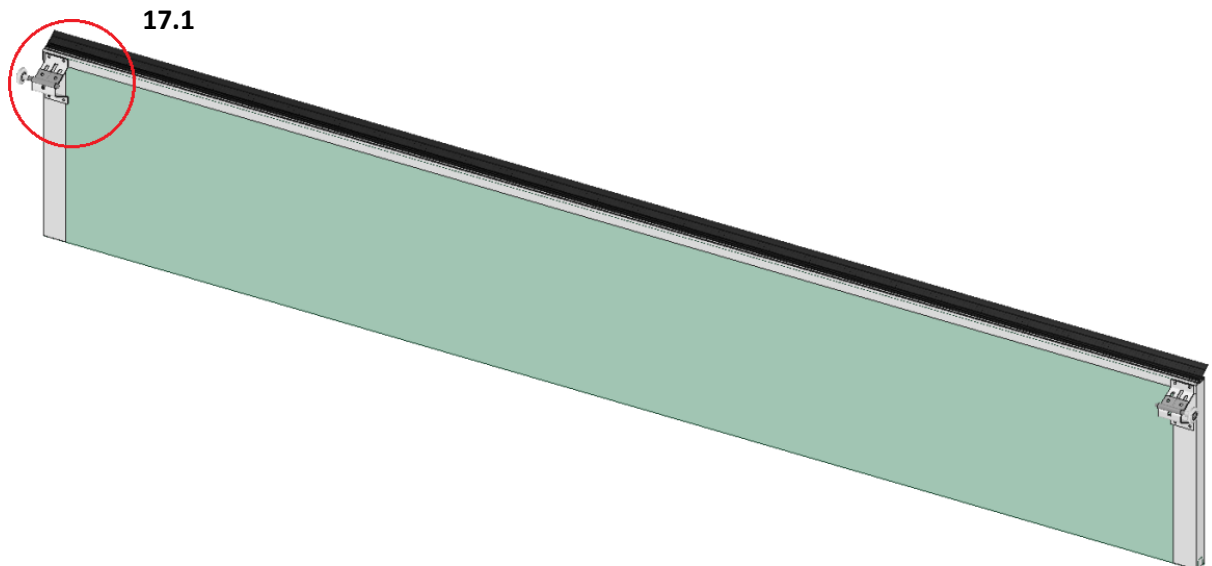


INSTALL THE SIDE HINGES BY  
ADJUSTING THE ROLLERS INSIDE THE  
GUIDES AND CONNECT THE PANELS  
WITH THE USE OF SIDE AND MIDDLE  
HINGES



**16.1 NOTE: FIRST PUT THE ROLLERS INTO THE GUIDE AND THEN FASTEN THEM TO THE HINGE**

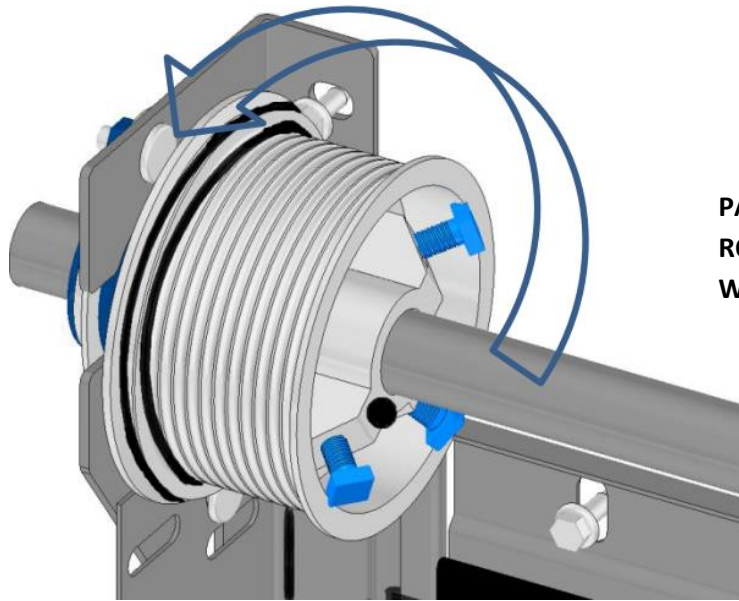
## 17. INSTALLMENT OF THE UPPER PANEL



**17.1 INSTALLATION OF THE UPPER HANDLE.**

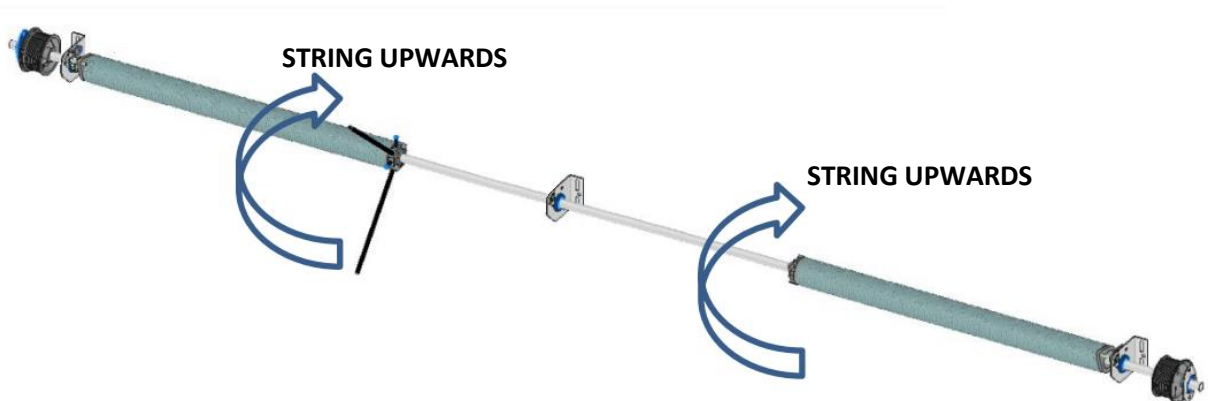
**ADJUST THE ROLLER INSIDE THE GUIDE**

## 18. INSTALLATION OF THE ROPE



PASS THE ROPE BEHIND THE SIDE HINGE ROLLERS AND THROUGH THE INTERVENING WHEEL

## 19. STRINGING THE SPRINGS. VIEW FROM THE OUTSIDE OF THE GARAGE DOOR

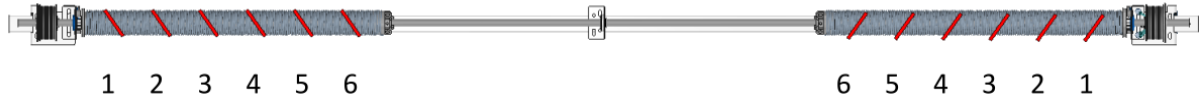


# SEGMENTAL GARAGE DOOR ASSEMBLY INSTRUCTIONS

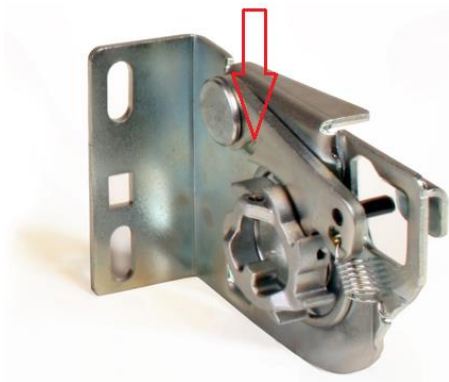
TENSIONING THE TORSION SPRINGS REQUIRES A LOT OF FORCE AND CAUTION. INSTALLATION, SERVICING AND REPAIRS CAN ONLY BE CARRIED OUT BY QUALIFIED PEOPLE.

LEFT SPRING

RIGHT SPRING



NUMBER OF THE SPRING REVOLUTIONS			
HEIGHT	4 PANELS	5 PANELS	6 PANELS
2000	7.1 ROTATION	6.8 ROTATION	---
2125	7.6 ROTATION	7.3 ROTATION	---
2250	8.0 ROTATION	7.7 ROTATION	---
2375	8.4 ROTATION	8.7 ROTATION	---
2500	8.5 ROTATION	9.2 ROTATION	---
2750	---	9.4 ROTATION	9.2 ROTATIONS
3000	---	10.3 ROTATION	10 ROTATION



AFTER ADJUSTING THE SPRINGS, REMOVE THE WEDGES FROM THE SAFETY DEVICES IMMEDIATELY !!!

## NOTE

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