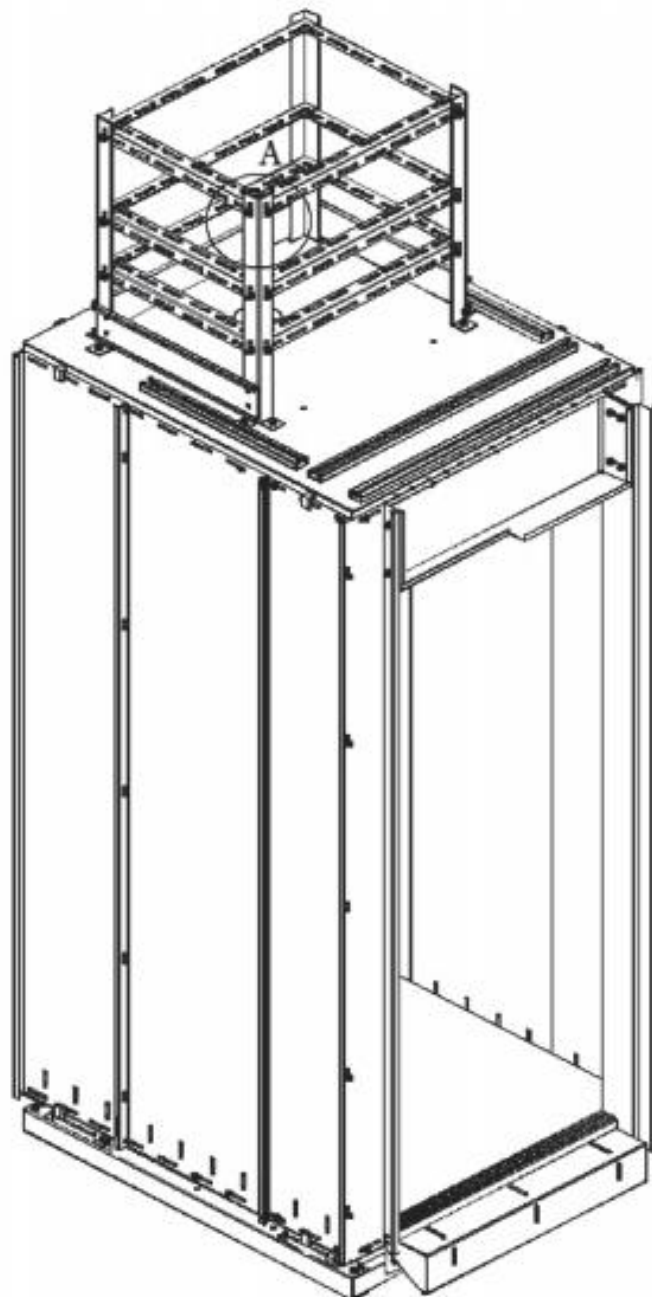


CABIN INSTALLATION MANUAL



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ELEVATOR

Warning and Suggestions



For long service life and to ensure that your installation has a faultless, please read carefully and follow the introductions.

- Only the qualified staff should make the instalation.
- Distribution and any partial or whole reproduction of all the instructions, informations, details and drawings which are mentioned in this manual requires permission from HKS HAS ASANSÖR A.Ş.
- Dimensions are given for referance. HKS HAS ASANSÖR A.Ş. keeps the right to make any changes without notice .
- The manufacturer HKS HAS ASANSÖR A.Ş. will not hold any responsibility for possible damages arising from improper use of the product.
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- Keep this manual as long as you use the product.
- The warranty of these products valid for 2 years.
- Thank you for your attention and prefer our products.

1. Introduction

This guide is explaining how to assemble car which was produced by HKS HAS ASANSÖR A.Ş. Also we prepared this manual step by step to simplify installation of car for our valuable customer.

For easy installation please read this manual carefully before installation and follow instruction step by step. It includes important informations and clues.

This guide was prepared for general car model. Please contact the manufacturer for models with varying.

1.1. Shipping and Storage Suggestions

- To avoid damage to the product please use forklift or pallet truck.
- Avoid putting heavy objects on products and step on parts of car.
- Avoid puddle environment and protect products direct sunlight. Otherwise cause damage to the product.
- Ensure that all products are working or not missing products. If there are, contact with the manufacturer immediately.

2. Part List

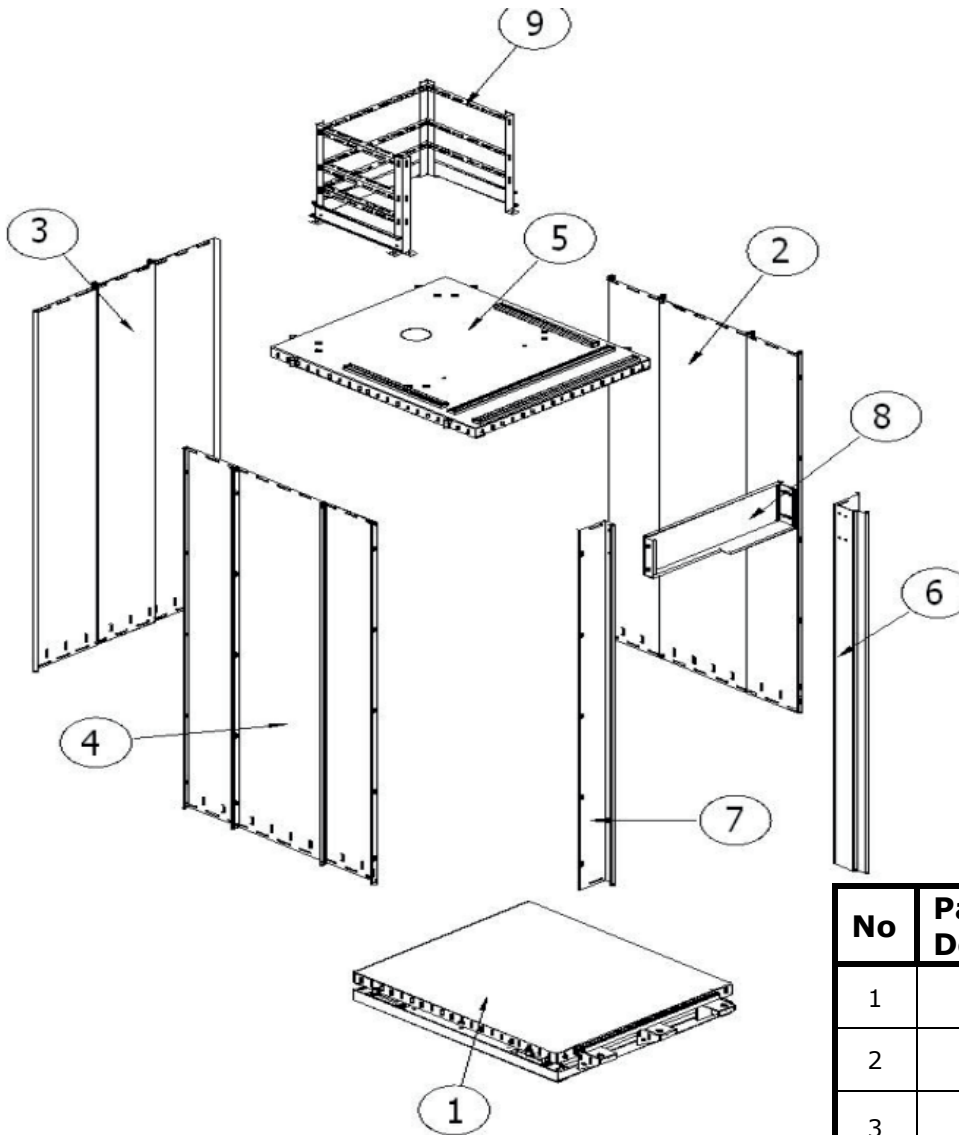


Figure 1

No	Part Description	QTY
1	Car Base	1
2	Right Panel	1
3	Rear Panel	1
4	Left Panel	1
5	Car Ceiling	1
6	Entrance Right Panel	1
7	Entrance Left Panel	1
8	Entrance Upper Panel	1
9	Safety Balustrade	1

This guide was prepared for our valuable customer to simplify installation of Has Elevator Cars. Assembly manual includes general concept of cars aseembly. Please contact with manufacturer for models with varying.

3. Installation

3.1 Assembly Of Car Floor

Assemble the floor frame parts (number 12-3 and 4) which are produced according to car width and car depth by using M16 flange nuts and bolts. As it described in figure 3 and 4, assemble overload sensors by using M12*30 bolts and nuts which are in their box.

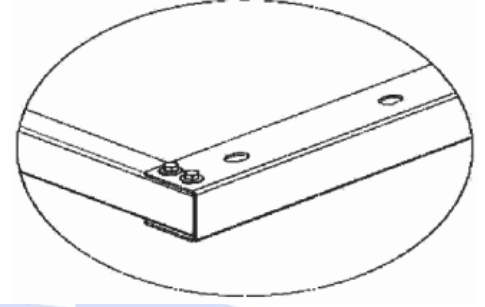


Figure 3

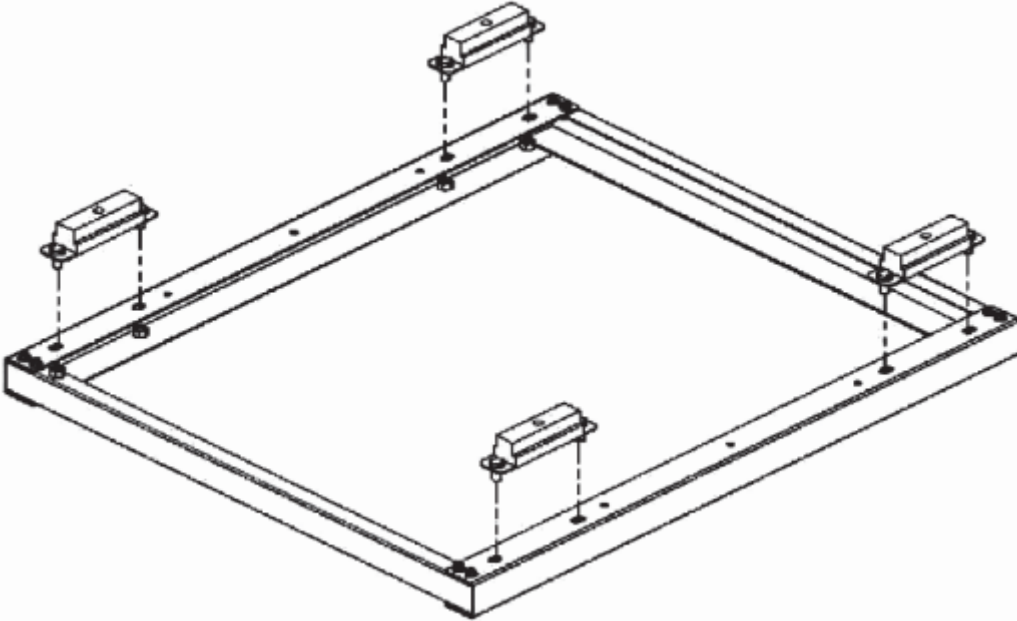
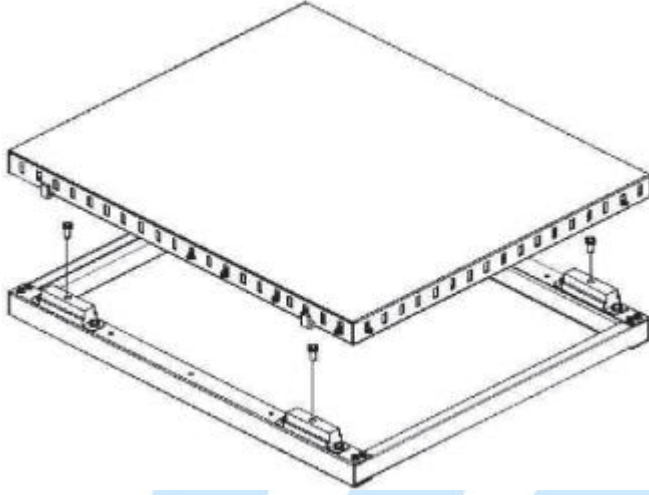
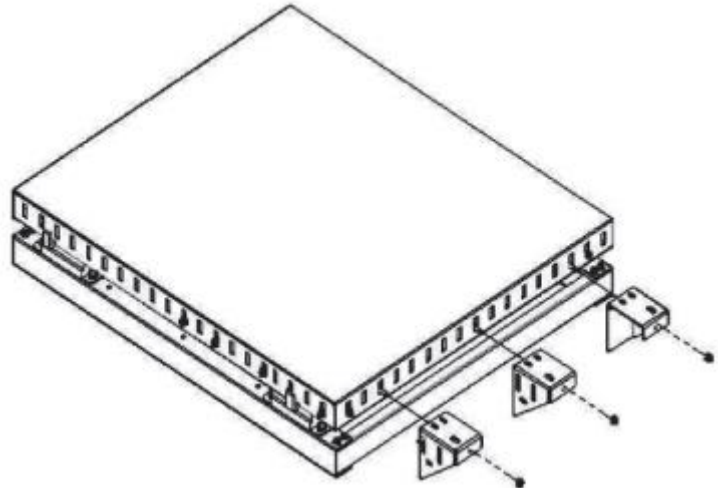


Figure 4

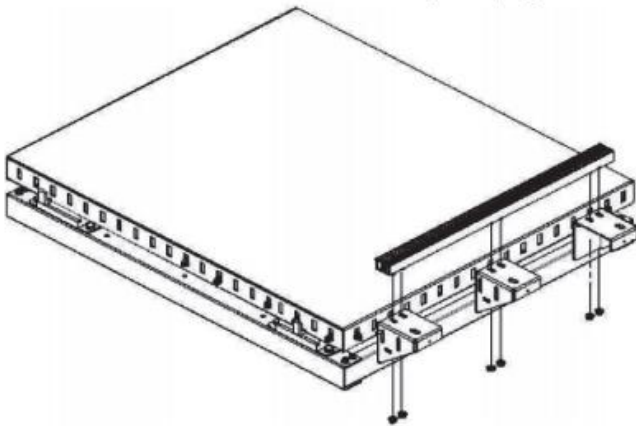
Assemble car floor frame with the car floor by using M12*30 bolts and nuts. Then assemble sill brackets by using M8*20 bolts and nuts as it described in figure 6. Finally assemble front sill over the sill brackets by using M8 flange bolts and nuts (figure 7).



Frame 6



Frame 7



Frame 8

3.2. Assembly Of Cabin Panels

First of all ,insert the car base (1) to the right place according to which type elevator you will use. Then respectively assemble right panel (2) ,rear panel (3) and left panel (4) to car base. As it described in detail drawing (figure 9) join panels with car base by using M8 cage nuts which is on car base and M8x20 flange bolts.Be sure that all of upper panels edge are at the same level.

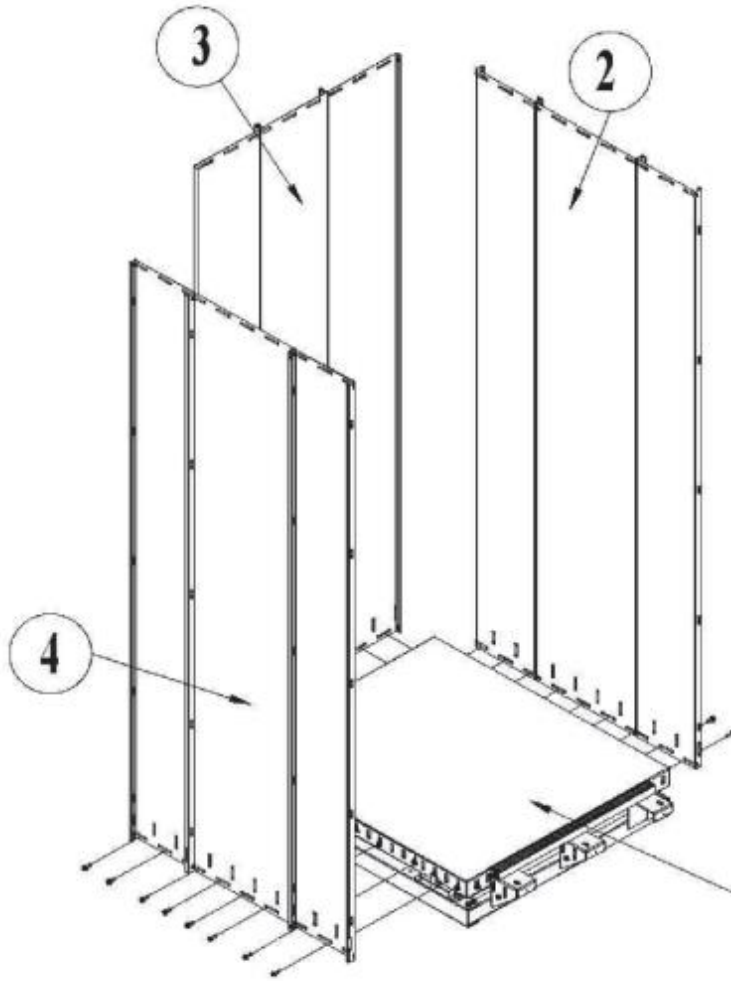
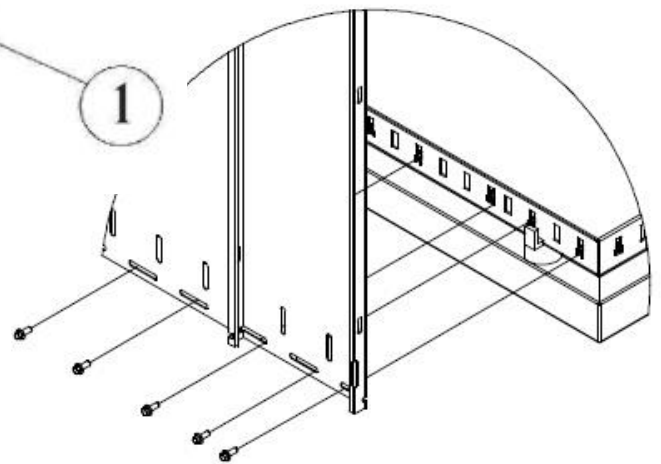


Figure 8



DETAIL A

Figure 9

3.3. Assembly Of Interior Ceiling

Interior ceiling assembled to the car ceiling with M6x12 allen-head bolts as it decribed in detail drawing (figure 11). The other edge of interior ceiling is fixed with hinge to car ceiling (figure 10). In case you need loosen or tighten allen-head bolt as it described in detail drawing (figure 11).

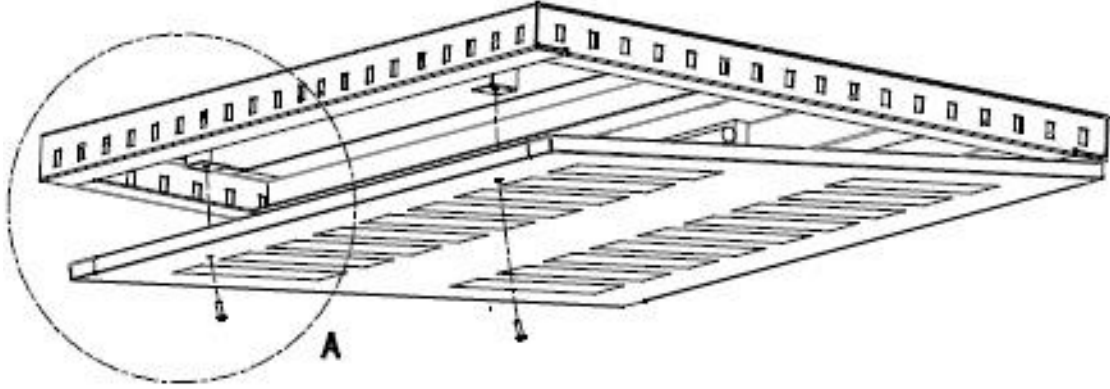


Figure 10

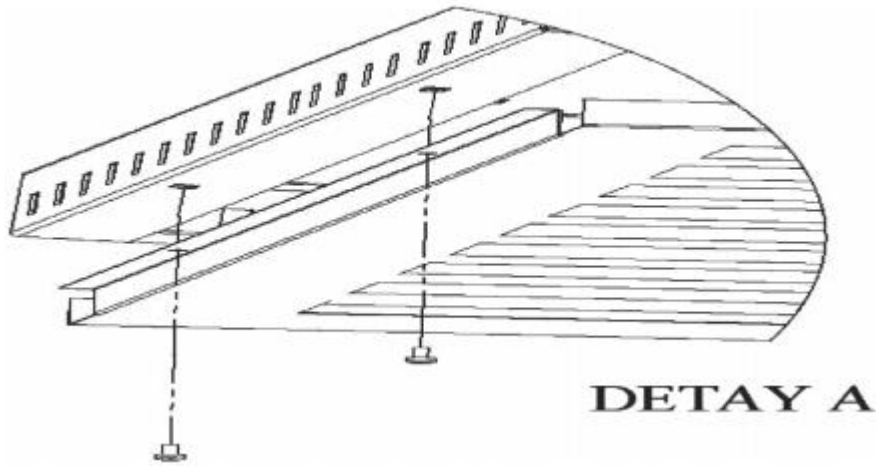


Figure 11

3.4. Assembly Of Car Ceiling

After assembling panels join car ceiling(5) to the system (figure 12). As it described in detail drawing (figure 13) assemble car ceiling to the panels by using M8 cage nuts and M8x20 flange bolts by passing through the slots.

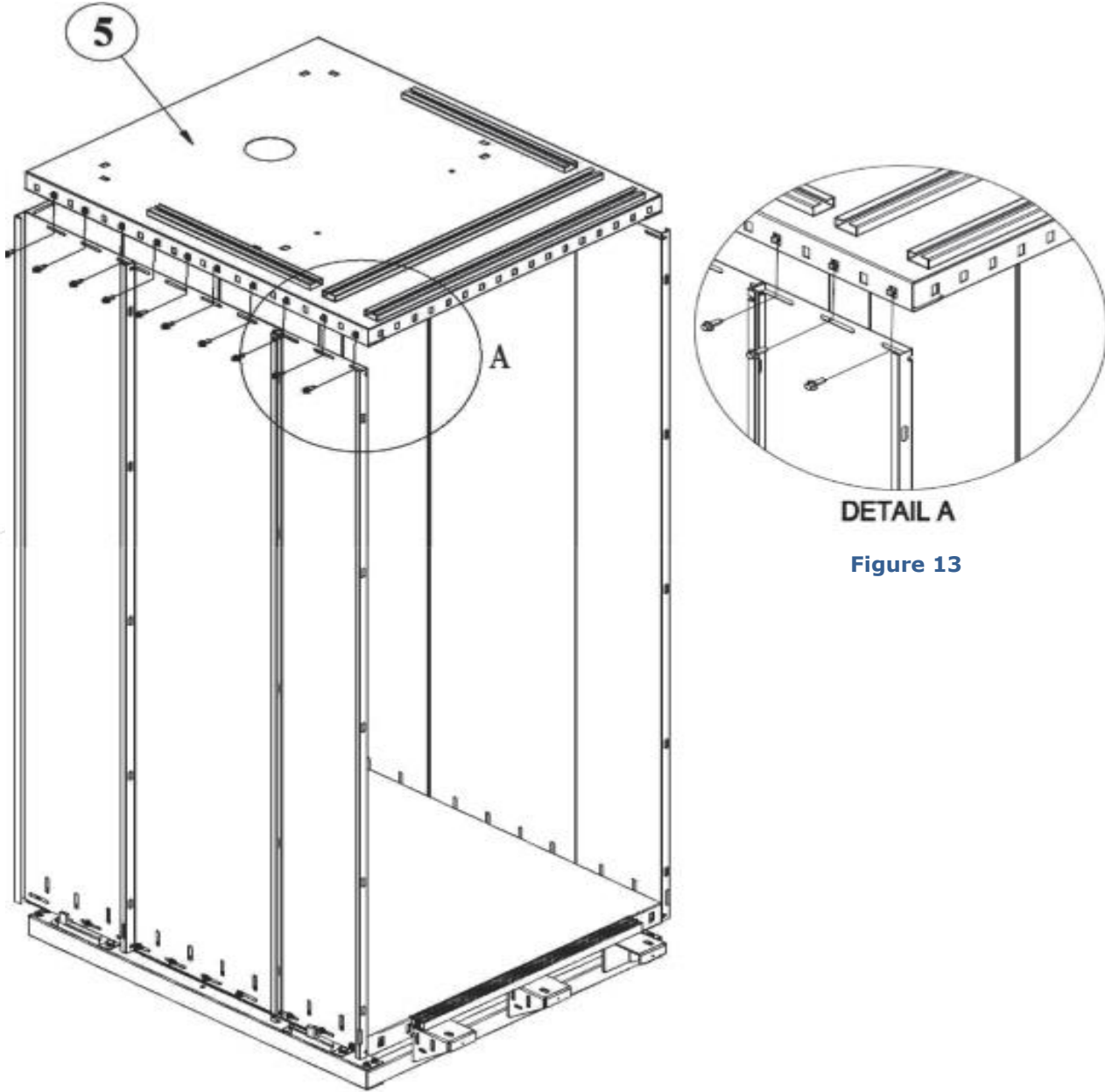


Figure 12

Figure 13

3.5. Assembly Of Entrance Panels

Before assemble entrance panels be sure that all panels are at the same upper levels. Next by using M8x20 flange bolts and M8 flange nuts assemble right entrance panel (6) and left entrance panel (7) with the help of slots on panels.

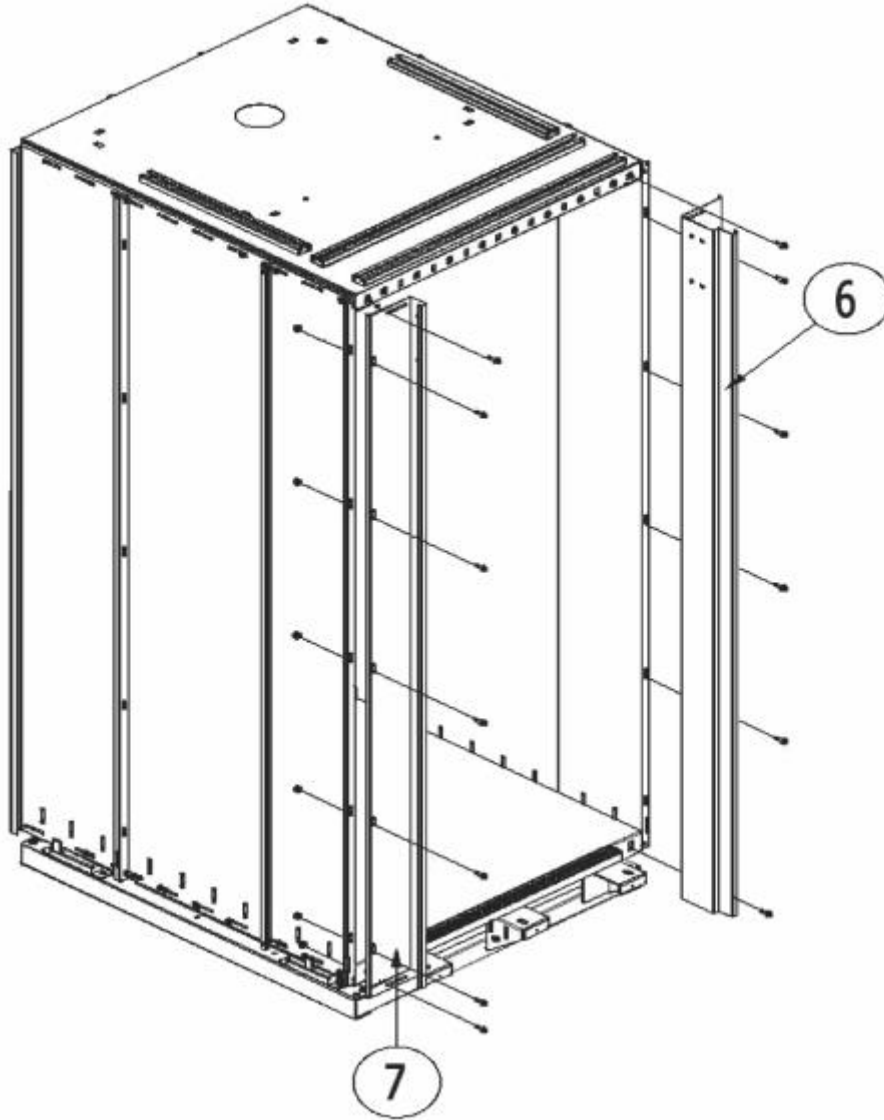


Figure 14

3.6. Assembly Of Entrance Upper Panel

As it deccribed in detail drawing (figure 16,17) insert entrance upper panel (8) between right and left entrance panel and assemble it (figure 15) to the car ceiling by using M8x20 flange bolts and M8 flange nuts. Before tightening make sure that upper panel is same level with the car ceiling.

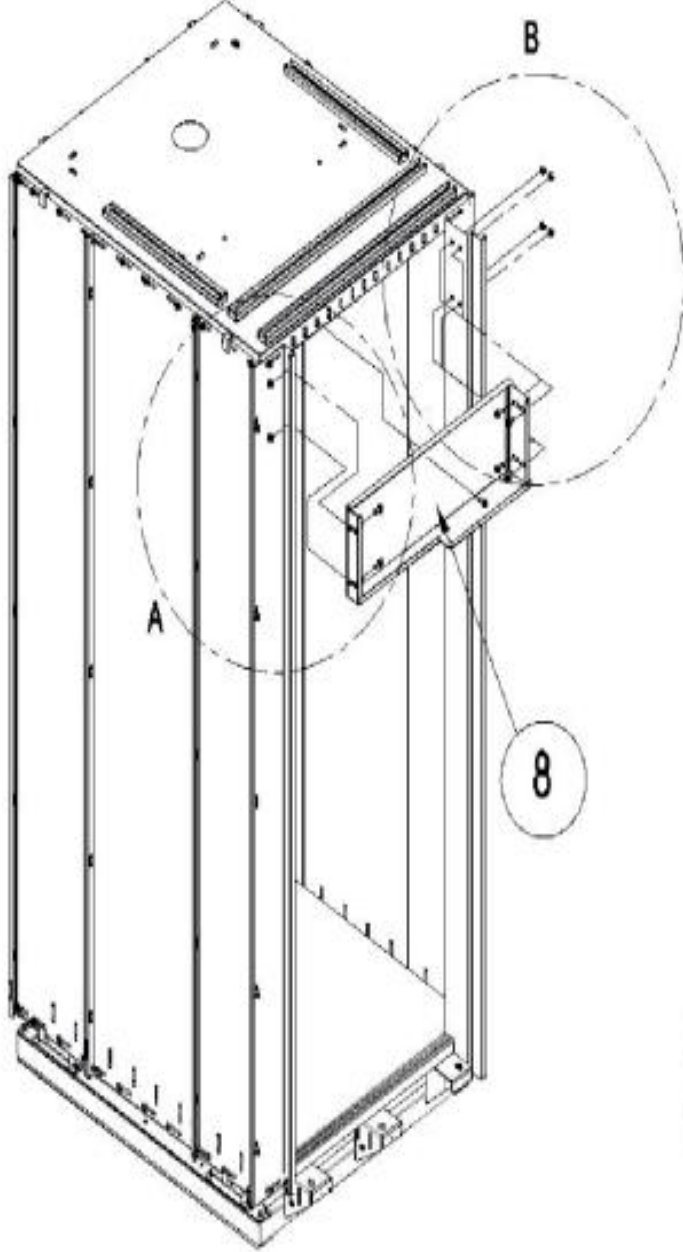
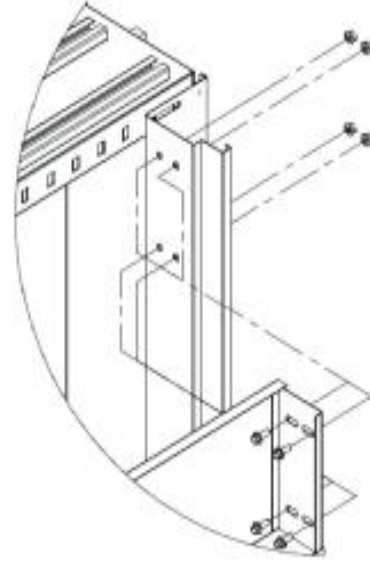
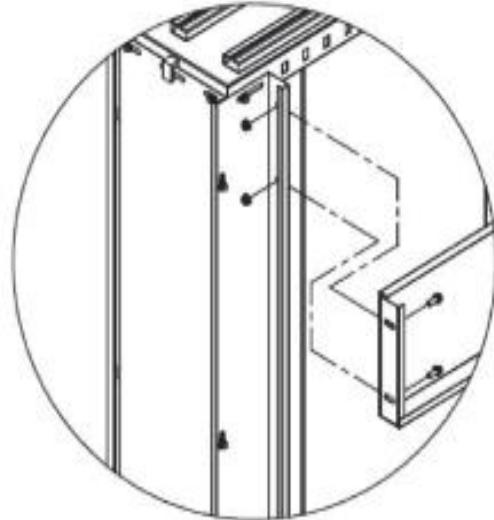


Figure 15



DETAIL B

Figure 16



DETAIL A

Figure 17

3.7. Assembly Of Car Safety Balustrade

3.7.1. Part List

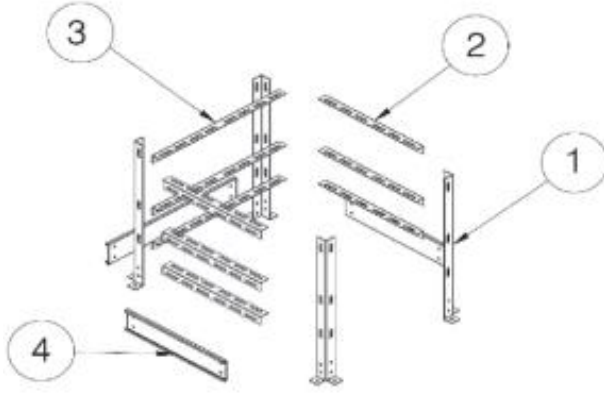


Figure 18

No	Part Description	QTY
9.1.	Corner Profile	4
9.2.	Balustrade Sheet (Side)	6
9.3.	Balustrade Sheet (Rear)	3
9.4.	Toe Guard	3

3.7.2. Assembly Of Corner Profile

As it described in detail drawing (figure 14) assemble corner profile by using M8x20 flange bolts and M8 cage nuts to the top of car ceiling.(figure 13)

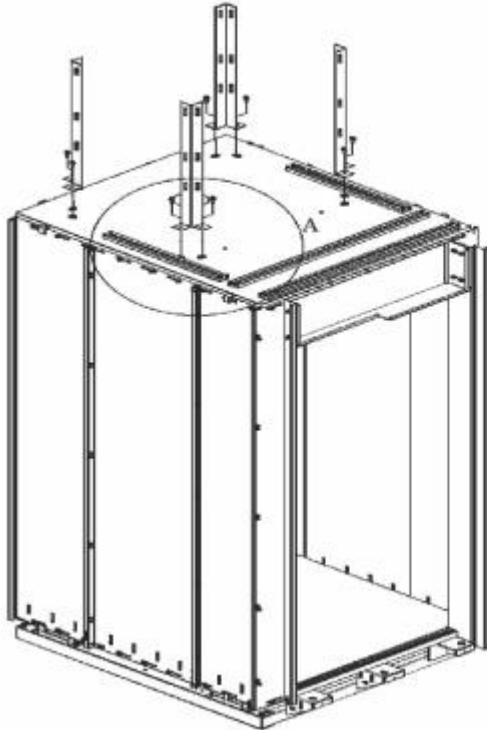


Figure 19

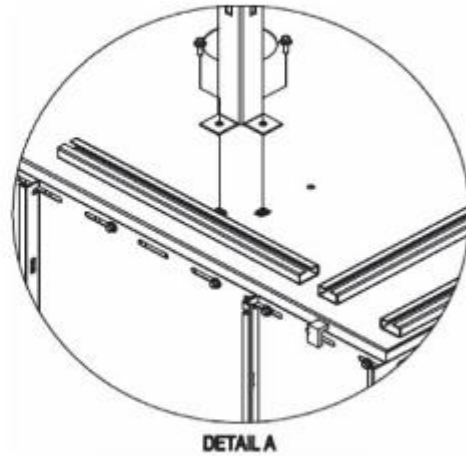


Figure 20

3.7.3. Assembly Of Balustrade Sheet

After assembling corner profiles insert balustrade sheet between corner profiles by using M8x20 flange bolts and M8 cage nuts as it described in detail drawing (figure22) and finish installation of car (figure2).

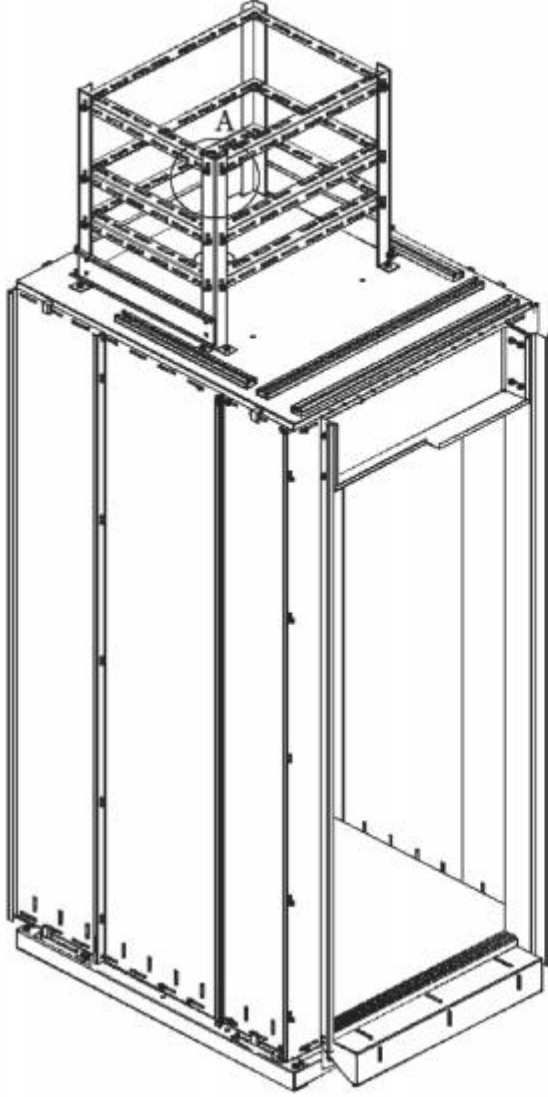


Figure 21

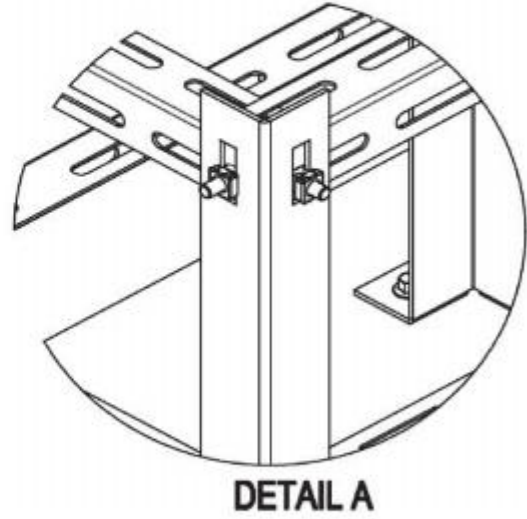


Figure 22



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