



C1&CM (Rail)

Instruction Manual

●Caution

Thank you very much for purchasing our product.

Please read this instruction manual carefully before installation to use the product for a long time.

Precautions on Installation

Improper handling of aluminum products during installation may cause abnormal corrosion, resulting in unexpected troubles, please pay attention to the following points.

1. Please confirm that the product is suit for the construction place's weather conditions (wind, snow, etc.).
2. To prevent damage, please do not construct this product where the snow slide directly on the product.
3. Avoid installation of the product in areas where strong winds blow, especially on cliff tops, on the roof top, or on the pathway of the wind.
4. Avoid installation of the product at places with large vertical difference such as edge. In windy areas, install the product not to be fluttered by wind. This product should be installed only on the ground.
5. The foundation drawing indicates the depth of embedding of the product. Pay sufficient attention to the amount (volume) of the foundation concrete when embedding the product in a weak ground. When the product is to be used in cold districts where frost heave is likely to occur, place foundation to the frost heave line or lower.
6. Using sea sand for making mortar may cause corrosion due to its high salt content. Please avoid use of sea sand or wash it thoroughly before using it for mortal.
7. Adhesive bonds for mortar and concrete may cause corrosion, therefore, avoid using them or choose the adhesive bonds which do not have calcium chlorides, chlorine compounds, or sodium silicate.
8. Make it sure not to attach mortal or concrete extract on the surface and inside of the aluminum products during construction. Those extract are strong alkaline and may cause uneven color or corrosion.
9. When using bonds or chemicals which may occur the corrosion during the construction work, avoid contact to the aluminum products.

10. Please check the screws again that they are tighten up enough after completion of the installation work.
10. Avoid contact of aluminum products with dissimilar metals such as copper plate and lath. If their contact is inevitable, cover the surface with a plastic tape or insulate it with paint, etc.
11. Do not modify or remodel the product.
12. Please put items or equipment in order, and ensure the security especially collapse and falling while working in a high place and intensity of illumination by light in construction site.
13. Please make sure the security by each other and check the operator's health and implement the health management.

Packing List

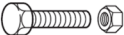
●CR1/1M

	CODE	Packing Name	3S	31S	32S	33S	34S	35S	36S	37S	38S	39S	4S	41S	42S	43S	44S	45S	46S	47S	48S	49S	5S	51S	52S	53S	54S	55S	56S	57S	58S	59S	6S
H12	SR-K193	Lock Door Stop Post H12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H14	SR-K194	Lock Door Stop Post H14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Common Packages	FRB1	Rail Parts Set 3 Connections	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1												
	FRB2	Rail Parts Set 4 Connections															1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
	SR-K265	SR Flat Rail Burying Parts Box S Width 400	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Flat Rail	FRS40-120-1	Stainless Steel Flat Rail 40-120 (1)	2	1	1	1	1									2	2	1	1														
	FRS40-130-1	Stainless Steel Flat Rail 40-130 (1)						1					1					1			1						1					1	
	FRS40-140-1	Stainless Steel Flat Rail 40-140 (1)		1															1				1					1					
	FRS40-150-1	Stainless Steel Flat Rail 40-150 (1)			1				2	1				1							1								1				
	FRS40-160-1	Stainless Steel Flat Rail 40-160 (1)				1	1	1			1				1		1	1							2	1					1		
	FRS40-170-1	Stainless Steel Flat Rail 40-170 (1)								1	1	2				1			1	1		1			1		1	1	1	1	1		
	FRS40-170-2	Stainless Steel Flat Rail 40-170 (2)																				2	1			1	1					1	
	FRS40-220-1	Stainless Steel Flat Rail 40-220 (1)	1	1	1	1	1	1	1	1	1	1					1	1	1	1	1	1		1	1	1	1						1
	FRS40-220-2	Stainless Steel Flat Rail 40-220 (2)											1	1	1	1					1						1	1	1	1	1	1	1

Parts List

Lock Door Stop Post		Code/Packing Name	
		SR-K193	SR-K194
		Lock Door Stop Post H12	Lock Door Stop Post H14
Parts Name	Shape	Quantity	Quantity
Door Stop Post H12		1	
Door Stop Post H14			1
Anchor Stick		1	1

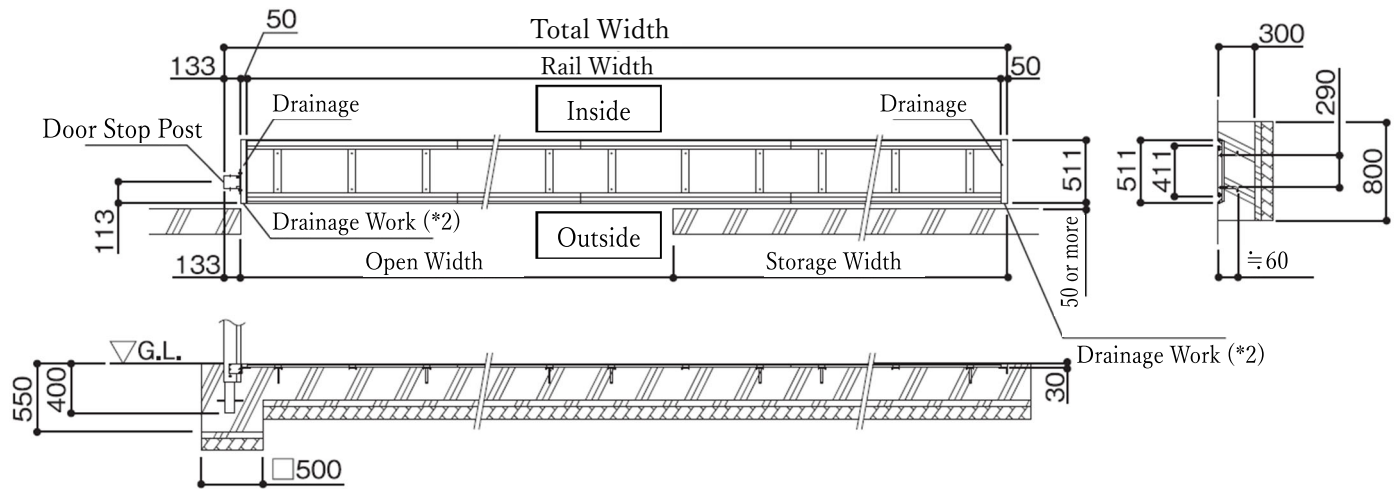
Rail Parts Box		Code/Packing Name	
		FRB1	FRB2
		Rail Parts Set (3 Connections)	Rail Parts Box (4 Connections)
Parts Name	Shape	Quantity	Quantity
Anchor Bolt M12 × 150L		12	16
Rail Joint		8	12
Rail Connect Bolt Set Pan-head Screw M5 × 15L (8PCS)		2	3

Burying Parts Box		Code/Packing Name	
		SR-K265	
		SRF Burying Parts Box S Width 400	
Parts Name	Shape	Quantity	
Flat Rail Attachment		4	
Post Attachment F (Width 400)		2	
Screw Set Hexagon Bolt & Nut (M8 × 20L × 4pcs) Pan-head Screw (M5 × 15L × 4pcs) Pan-head Self Drill Screw (M5 × 16L × 4pcs)	  	1	
Instruction Manual		1	

Stainless Steel Flat Rail		Code/Packing Name							
		FRS40-120-1	FRS40-130-1	FRS40-140-1	FRS40-150-1	FRS40-160-1	FRS40-170-1	FRS40-170-2	FRS40-220-1
		Stainless Steel Flat Rail Width 400							
Parts Name	Shape	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
Stainless Flat Rail 400 × 1200L		1							
Stainless Flat Rail 400 × 1300L			1						
Stainless Flat Rail 400 × 1400L				1					
Stainless Flat Rail 400 × 1500L					1				
Stainless Flat Rail 400 × 1600L						1			
Stainless Flat Rail 400 × 1700L							1	2	
Stainless Flat Rail 400 × 2200L									1
									2

Installation Drawing

● Flat Stainless Rail Width 400



*1 Install the long rail to short rail from storage side.

<For CR1/2 35S size should install the rail from short to long from storage side.>

*2 For drainage of water from drainage at the end of the rail, design the drainage route with considering the situation of the site.

*3 Foundation part is basic size. Please design it with considering the situation of the site.

■ Code and Dimension Table

CR ■ F ○ ○ (R · L) - (S) Size S □ □

1 or 1M H12 R: Right Side Close Opening Width Colour
H14 L: Left Side Close Single Open

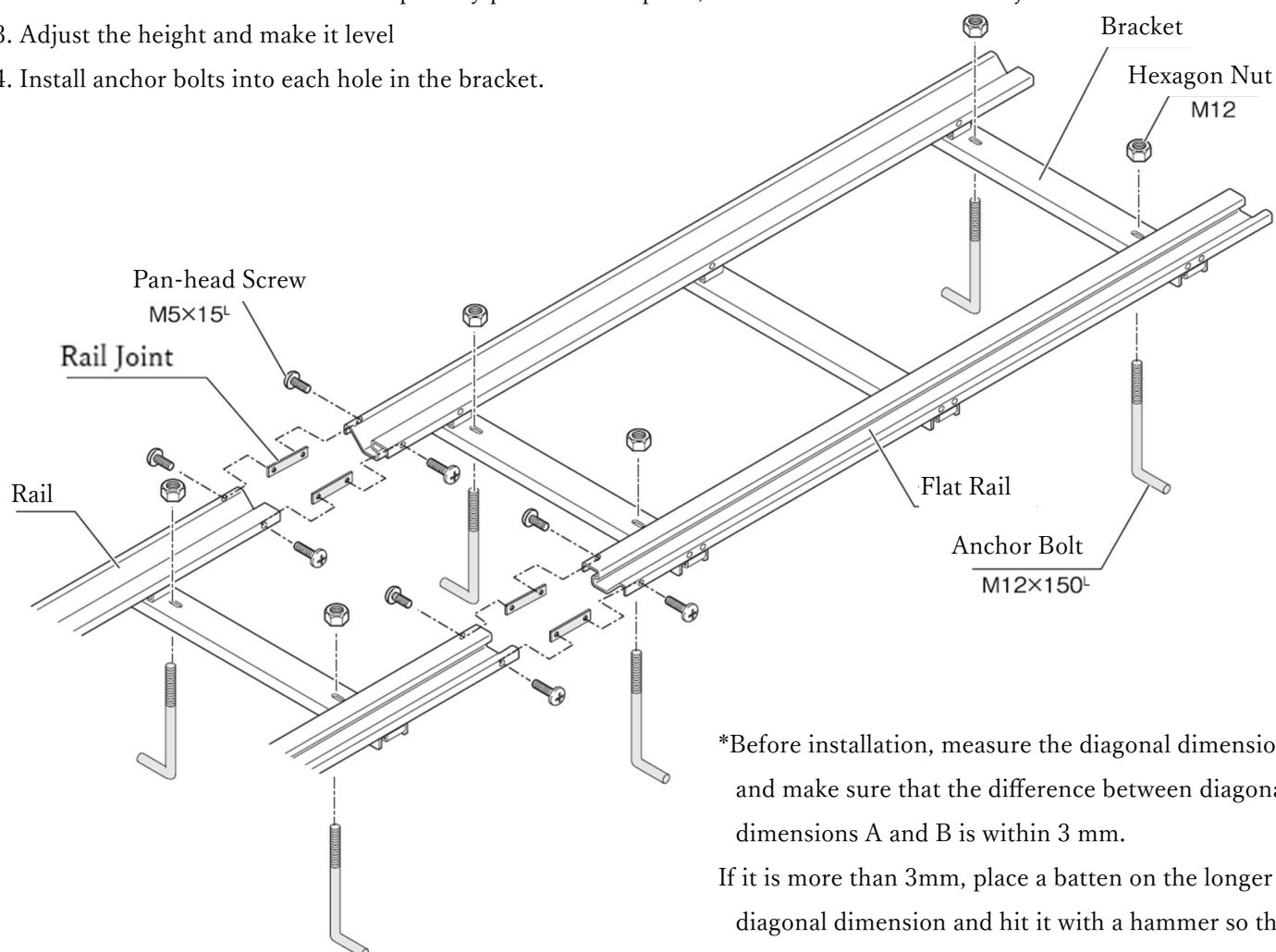
Flat Rail S: Stainless Steel Rail

Size	Total Width	Door Width	Open Width	Storage Width
3S	4833	3242	3000	1700
31S	5033	3342	3100	1800
32S	5133	3442	3200	1800
33S	5233	3542	3300	1800
34S	5233	3642	3400	1700
35S	5333	3742	3500	1700
36S	5433	3842	3600	1700
37S	5633	3942	3700	1800
38S	5733	4042	3800	1800
39S	5833	4142	3900	1800
4S	5933	4242	4000	1800
41S	6133	4342	4100	1900
42S	6233	4442	4200	1900
43S	6333	4542	4300	1900
44S	6433	4642	4400	1900
45S	6433	4742	4500	1800

Size	Total Width	Door Width	Open Width	Storage Width
46S	6633	4842	4600	1900
47S	6733	4942	4700	1900
48S	6833	5042	4800	1900
49S	6933	5142	4900	1900
5S	7033	5242	5000	1900
51S	7233	5342	5100	2000
52S	7333	5442	5200	2000
53S	7433	5542	5300	2000
54S	7533	5642	5400	2000
55S	7633	5742	5500	2000
56S	7733	5842	5600	2000
57S	7833	5942	5700	2000
58S	7933	6042	5800	2000
59S	8033	6142	5900	2000
6S	8133	6242	6000	2000

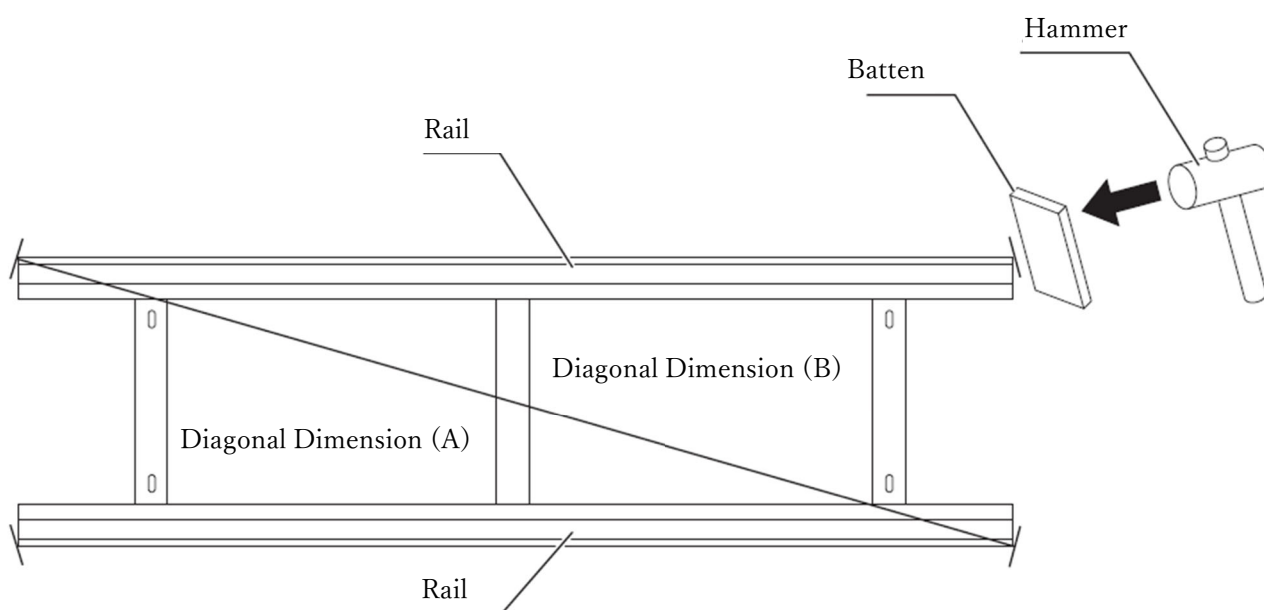
1 Installation of Rail

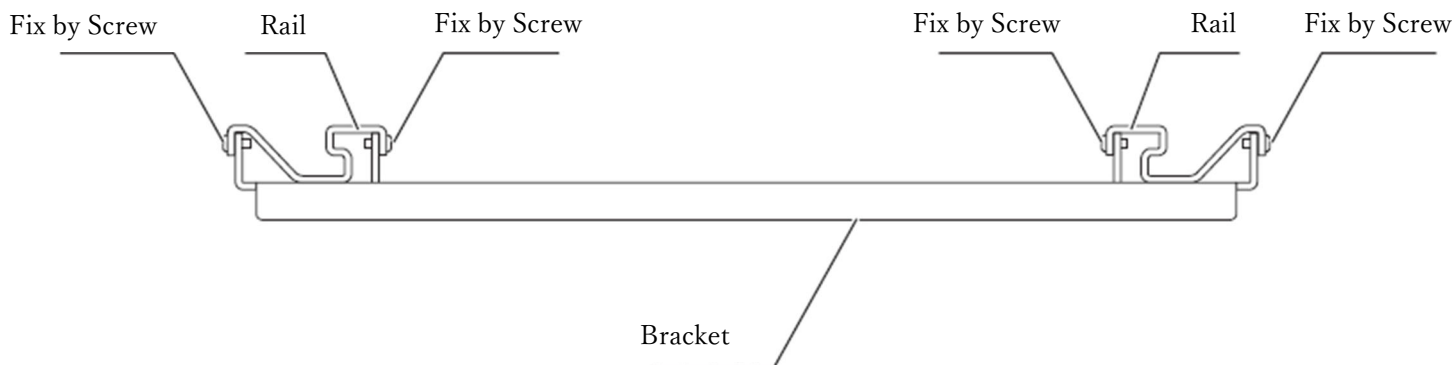
1. Remove any soil or sand from the installation site so that the concrete base for the rails can be thicker than the front and rear walkways.
2. Place the rails on blocks etc. to temporarily place them in place, then connect them with rail joints.
3. Adjust the height and make it level
4. Install anchor bolts into each hole in the bracket.



*Before installation, measure the diagonal dimensions and make sure that the difference between diagonal dimensions A and B is within 3 mm.

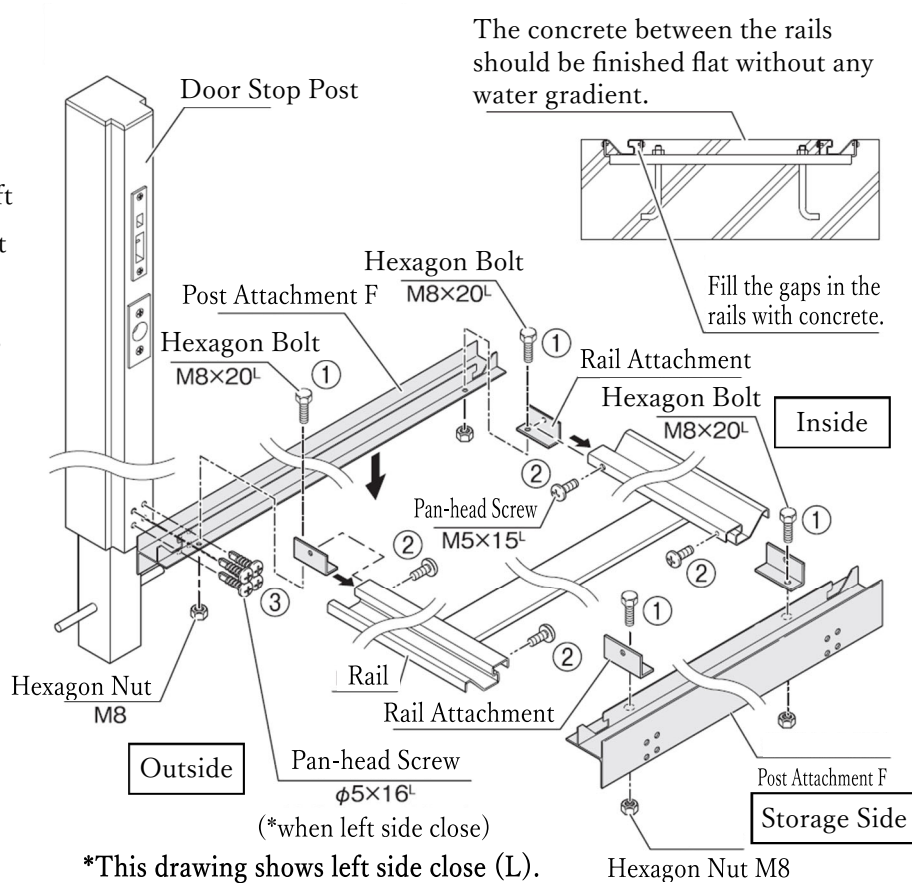
If it is more than 3mm, place a batten on the longer diagonal dimension and hit it with a hammer so that the diagonal dimensions A and B are equal.





2 Installation of Door Stop Post and Post Attachment

1. Install rail attachment to post attachment F.
2. Install rail attachment F to rail.
3. Confirm whether right side close or left side close. Then install post attachment F to door stop post.
4. Eliminate bends and gaps in rail joints by using leveling string.
5. Confirm door stop post's vertical and parallel.
6. Bury rail and post by concrete.





SHIKOKU

C1&CM (Main Body)

Instruction Manual

●Caution

Thank you very much for purchasing our product.

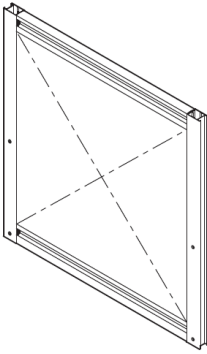
Please read this instruction manual carefully before installation to use the product for a long time.

Precautions on Installation

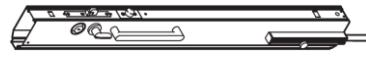
Improper handling of aluminum products during installation may cause abnormal corrosion, resulting in unexpected troubles, please pay attention to the following points.

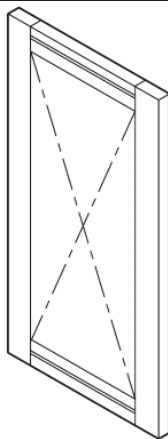
1. Please confirm that the product is suit for the construction place's weather conditions (wind, snow, etc.).
2. To prevent damage, please do not construct this product where the snow slide directly on the product.
3. Avoid installation of the product in areas where strong winds blow, especially on cliff tops, on the roof top, or on the pathway of the wind.
4. Avoid installation of the product at places with large vertical difference such as edge. In windy areas, install the product not to be fluttered by wind. This product should be installed only on the ground.
5. The foundation drawing indicates the depth of embedding of the product. Pay sufficient attention to the amount (volume) of the foundation concrete when embedding the product in a weak ground. When the product is to be used in cold districts where frost heave is likely to occur, place foundation to the frost heave line or lower.
6. Using sea sand for making mortar may cause corrosion due to its high salt content. Please avoid use of sea sand or wash it thoroughly before using it for mortal.
7. Adhesive bonds for mortar and concrete may cause corrosion, therefore, avoid using them or choose the adhesive bonds which do not have calcium chlorides, chlorine compounds, or sodium silicate.
8. Make it sure not to attach mortal or concrete extract on the surface and inside of the aluminum products during construction. Those extract are strong alkaline and may cause uneven color or corrosion.
9. When using bonds or chemicals which may occur the corrosion during the construction work, avoid contact to the aluminum products.

Parts List

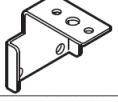
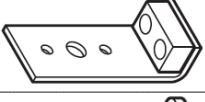
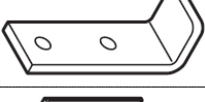
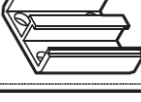
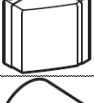
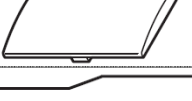
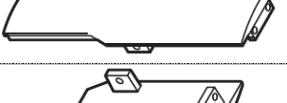
Main Body Panel		Code/ Package Name							
		CR1	CR-K1	CR-K2	CR-K3	CR-K4	CR-K5	CR-K6	CR-K7
		CR1M	CR-K9	CR-K10	CR-K11	CR-K12	CR-K13	CR-K14	CR-K15
			CR	CR	CR	CR	CR	CR	CR
Parts Name	Shape	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
CR Main Body Panel 0.8M-H12		1							
CR Main Body Panel 0.8M-H14			1						
CR Main Body Panel 0.9M-H12				1					
CR Main Body Panel 0.9M-H14					1				
CR Main Body Panel 1.0M-H12						1			
CR Main Body Panel 1.0M-H14							1		
CR Main Body Panel 1.1M-H12								1	
CR Main Body Panel 1.1M-H14									1

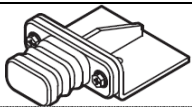
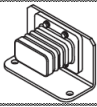
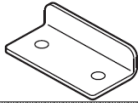
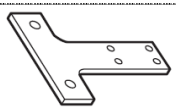
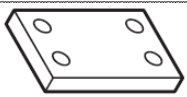
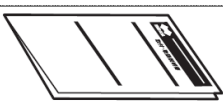
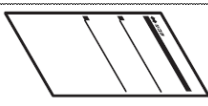
Wheel Frame		Code/ Package Name						
		CR-K17	CR-K18	CR-K19	CR-K20	CR-K21	CR-K22	CR-K23
		Wheel Frame C-1 (Width 400)	Wheel Frame C-2 (Width 400)	Wheel Frame C-3 (Width 400)	Wheel Frame C-4 (Width 400)	Wheel Frame C-5 (Width 400)	Wheel Frame C-6 (Width 400)	Wheel Frame C-7 (Width 400)
		Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
Wheel Frame C-1		1						
Wheel Frame C-2			1					
Wheel Frame C-3				1				
Wheel Frame C-4					1			
Wheel Frame C-5						1		
Wheel Frame C-6							1	
Wheel Frame C-7								1
Wheel KS		2	2	2	2	2	2	2
Wheel Frame Cap S		2	2	2	2	2	2	2
Wheel Frame Attachment Bolt Set	See Bolt Set Specification	1	1	1		1	1	1

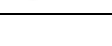
Lock Door Frame		Code/ Package Name			
		SR-K160	SR-K161	SR-K167	SR-K168
		Lock Door Frame H12 (R)	Lock Door Frame H14 (R)	Lock Door Frame H12 (L)	Lock Door Frame H14 (L)
Parts Name	Shape	Quantity	Quantity	Quantity	Quantity
Lock Door Frame H12 (R)		1			
Lock Door Frame H14 (R)			1		
Lock Door Frame H12 (L)				1	
Lock Door Frame H14 (L)					1

Guard Fence		Code/ Package Name	
		SR-K202	SR-K203
		Guard Fence H12 (Width 400)	Guard Fence H14 (Width 400)
Parts Name	Shape	Quantity	Quantity
Guard Fence H12		1	
Guard Fence H14 (Width 400)			1

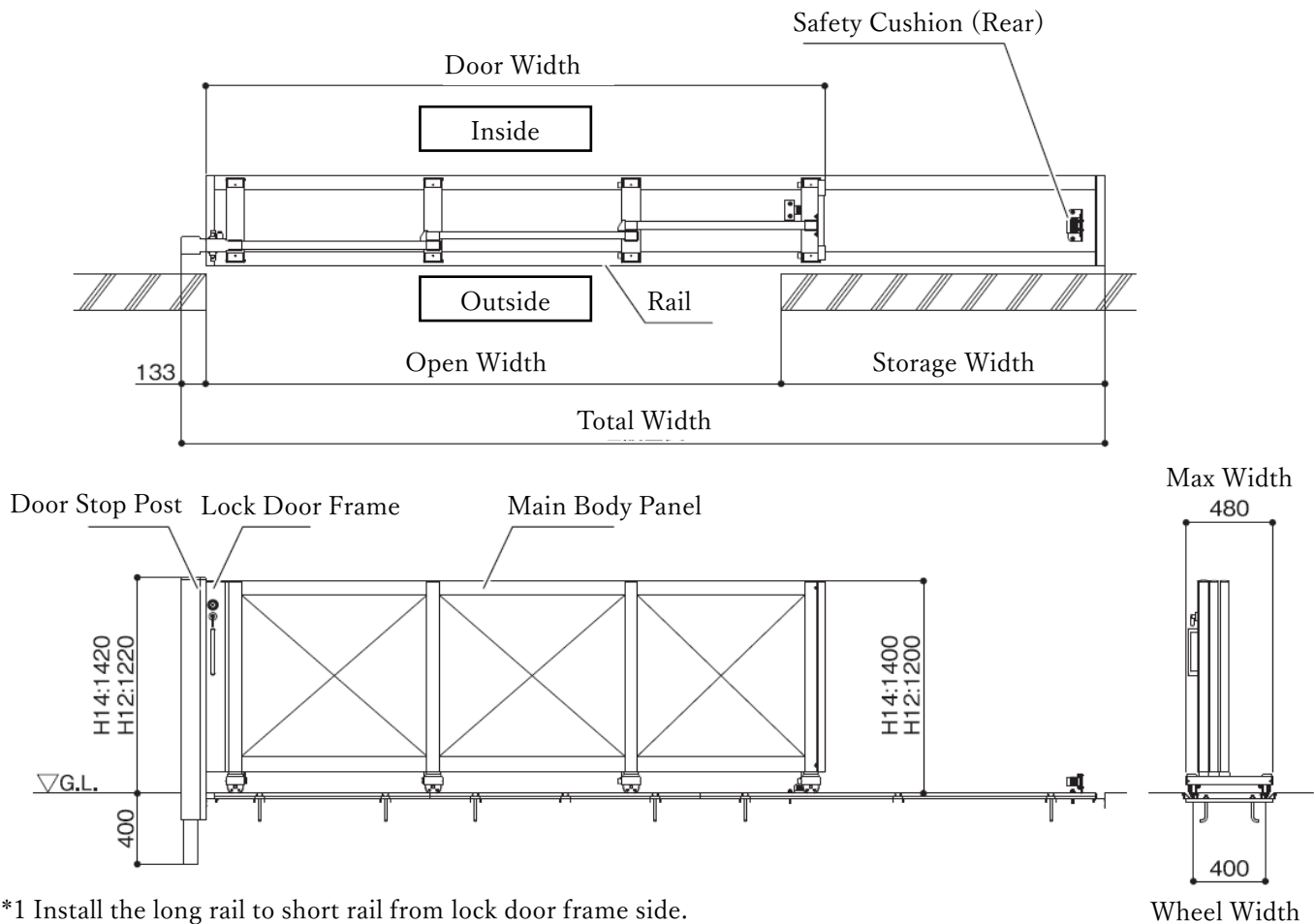
Vertical Door Frame Cover		Code/ Package Name	
		SR-K213	SR-K214
		Vertical Door Frame Cover H12	Vertical Door Frame Cover H14
Parts Name	Shape	Quantity	Quantity
Vertical Door Frame Cover H12		1	
Vertical Door Frame Cover H14			1

Parts Box		Code/ Package Name			
		CR-K24	CR-K25	CR-K26	CR-K27
		Parts Box (3 Connections)	Parts Box (4 Connections)	Parts Box (5 Connections)	Parts Box (6 Connections)
Parts Name	Shape	Quantity	Quantity	Quantity	Quantity
Guide Roller (Upper Side) Round Hole Processd		2	3	4	5
Guide Roller (Underside) Long Hole Processed		2	3	4	5
Reinforce Bracket B		4	5	6	7
Hook S		2	3	4	5
Hook Receiver		2	3	4	5
Roller Bracket Spacer		4	6	8	10
Spacer Back Plate		4	6	8	10
Roller Bracket Cover		4	6	8	10
Wheel Frame Cushion S		4	6	8	10
Vertical Door Frame Cap		5	7	9	11
Vertical Door Frame Cap (Upper Side)		1	1	1	1
Vertical Door Frame Cap (Underside)		1	1	1	1

Parts Box		Code/ Package Name			
		CR-K24	CR-K25	CR-K26	CR-K27
		Parts Box	Parts Box	Parts Box	Parts Box
Parts Name	Shape	Quantity	Quantity	Quantity	Quantity
Safety Cushion (Front)		1	1	1	1
Safety Cushion (Rear)		1	1	1	1
Front Stopper C		1	1	1	1
Flush Bolt Holder		2	2	2	2
Guard Fence Attachment		2	2	2	2
Guard Fence Attachment Back Plate		2	2	2	2
Rail Cleaner		1	1	1	1
Instction Manual		1	1	1	1
Operating Instruction		1	1	1	1
For Customer		1	1	1	1
SR 400 Screw Set	See Bolt Set Specification	1	1	1	1
GF/Door Frame Anchor Screw Set	See Bolt Set Specification	1	1	1	1
Width 400 3 Connections Screw Set	See Bolt Set Specification	1			
Width 400 4 Connections Screw Set	See Bolt Set Specification		1		
Width 400 5 Connections Screw Set	See Bolt Set Specification			1	
Width 400 6 Connections Screw Set	See Bolt Set Specification				1

Bolt Set Specification			Code/ Package Name						
			SR 400 Screw Set	GF/ Door Frame Anchor Screw Set	Width 400 3 Connections Screw Set	Width 400 4 Connections Screw Set	Width 400 5 Connections Screw Set	Width 400 6 Connections Screw Set	Wheel Frame Attachment Bolt Set
Parts Name	Spec		Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
Hexagon Bolt	M6 × 15L		4						
Truss Screw	M6 × 12L		6		10	14	18	22	
Truss Screw	M5 × 12L		1		10	11	13	14	
Hexagon Bolt	M8 × 20L		2		6	8	10	12	
Bolt Cap	φ 13		3						
Hexagon Cap Nut	M8			4					
Flat Washer	8			4					
Spring Washer	8-2			4					
Hexagon Bolt	M6 × 16L			1					
Hexagon U Nut	M6			1					
Truss Screw	M6 × 25L			1					
Post Installed Anchor	M10 × 100L			4					
Pan-head Screw	M5 × 30L				5	7	9	11	
Flat Washer	5				5	7	9	11	
Hexagon Bolt	M6 × 15L				18	22	26	30	
Pan-head Screw	M5 × 12L				2	3	4	5	
Hexagon Bolt	M6 × 30L				18	26	34	42	
Truss Screw	M6 × 12L				4	6	8	10	
Truss Tapping Screw	φ 5 × 12L				18	22	26	30	
Flat Head Screw	M5 × 16L (D8)				10	12	14	16	
Hole Cover	φ 9-1.3t				16	23	30	37	
Tap Hole Cap	M5				5	7	9	11	
Tap Hole Cap	M8				2	2	2	2	
Vertical Door Frame Sticker	45 × 33.5				6	8	10	12	
Hexagon Bolt	M8 × 25L								4

Installation Drawing



*1 Install the long rail to short rail from lock door frame side.

<The panel has 3 lengths, 1.1m, 1.0m, 0.9m and 0.8m.>

*2 This drawing shows CR (1/1M)F(12/14)L-S32S. When right side close (R), the things will be opposite.

Code and Dimension Table

CR ■ F ○ ○ (R • L) - (S) Size S □ □

1 or 1M H12 R: Right Side Close Opening Colour
H14 L: Left Side Close Width Single Open

Flat Rail S: Stainless Steel Rail

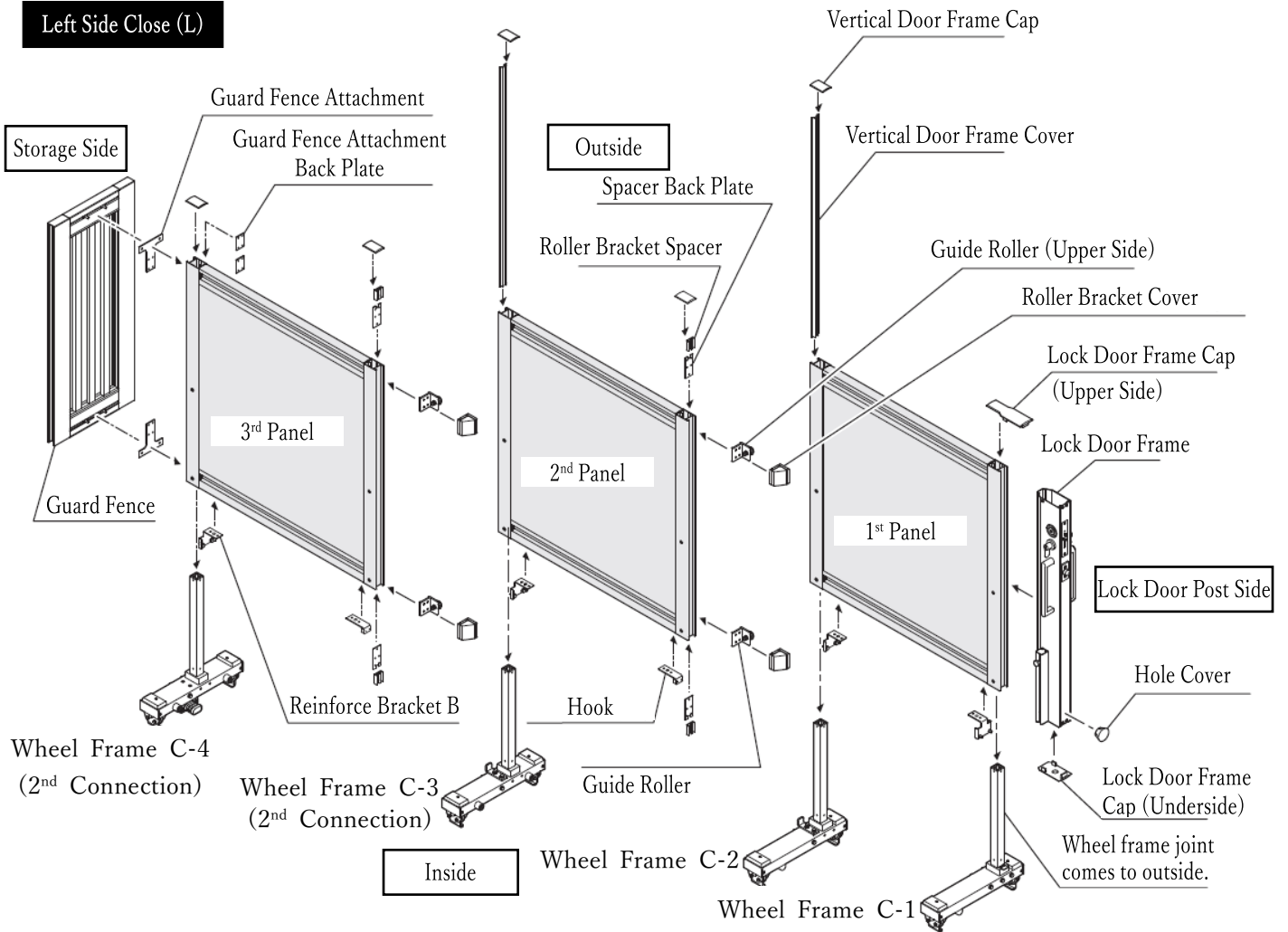
Size	Total Width	Door Width	Open Width	Storage Width
3S	4833	3242	3000	1700
31S	5033	3342	3100	1800
32S	5133	3442	3200	1800
33S	5233	3542	3300	1800
34S	5233	3642	3400	1700
35S	5333	3742	3500	1700
36S	5433	3842	3600	1700
37S	5633	3942	3700	1800
38S	5733	4042	3800	1800
39S	5833	4142	3900	1800
4S	5933	4242	4000	1800
41S	6133	4342	4100	1900
42S	6233	4442	4200	1900
43S	6333	4542	4300	1900
44S	6433	4642	4400	1900
45S	6433	4742	4500	1800

Size	Total Width	Door Width	Open Width	Storage Width
46S	6633	4842	4600	1900
47S	6733	4942	4700	1900
48S	6833	5042	4800	1900
49S	6933	5142	4900	1900
5S	7033	5242	5000	1900
51S	7233	5342	5100	2000
52S	7333	5442	5200	2000
53S	7433	5542	5300	2000
54S	7533	5642	5400	2000
55S	7633	5742	5500	2000
56S	7733	5842	5600	2000
57S	7833	5942	5700	2000
58S	7933	6042	5800	2000
59S	8033	6142	5900	2000
6S	8133	6242	6000	2000

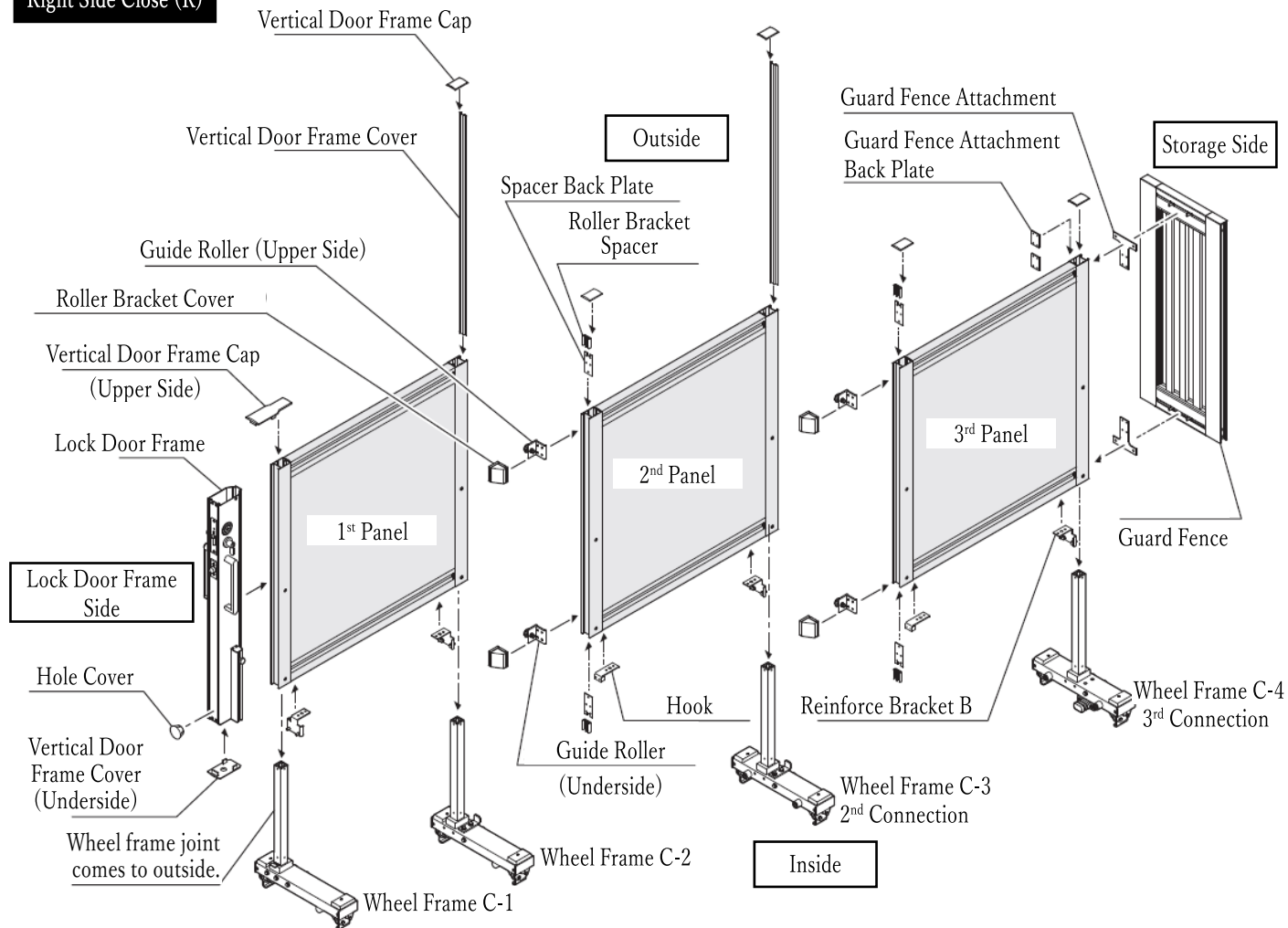
Construction Flow

1. Install the long main body panels in order starting from the door stop post side.

Left Side Close (L)

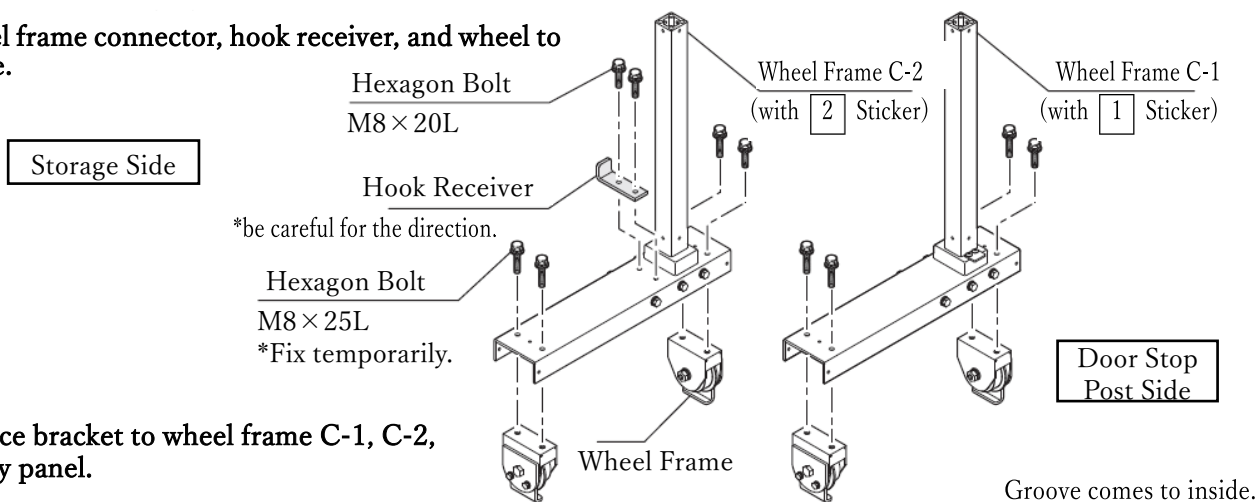


Right Side Close (R)

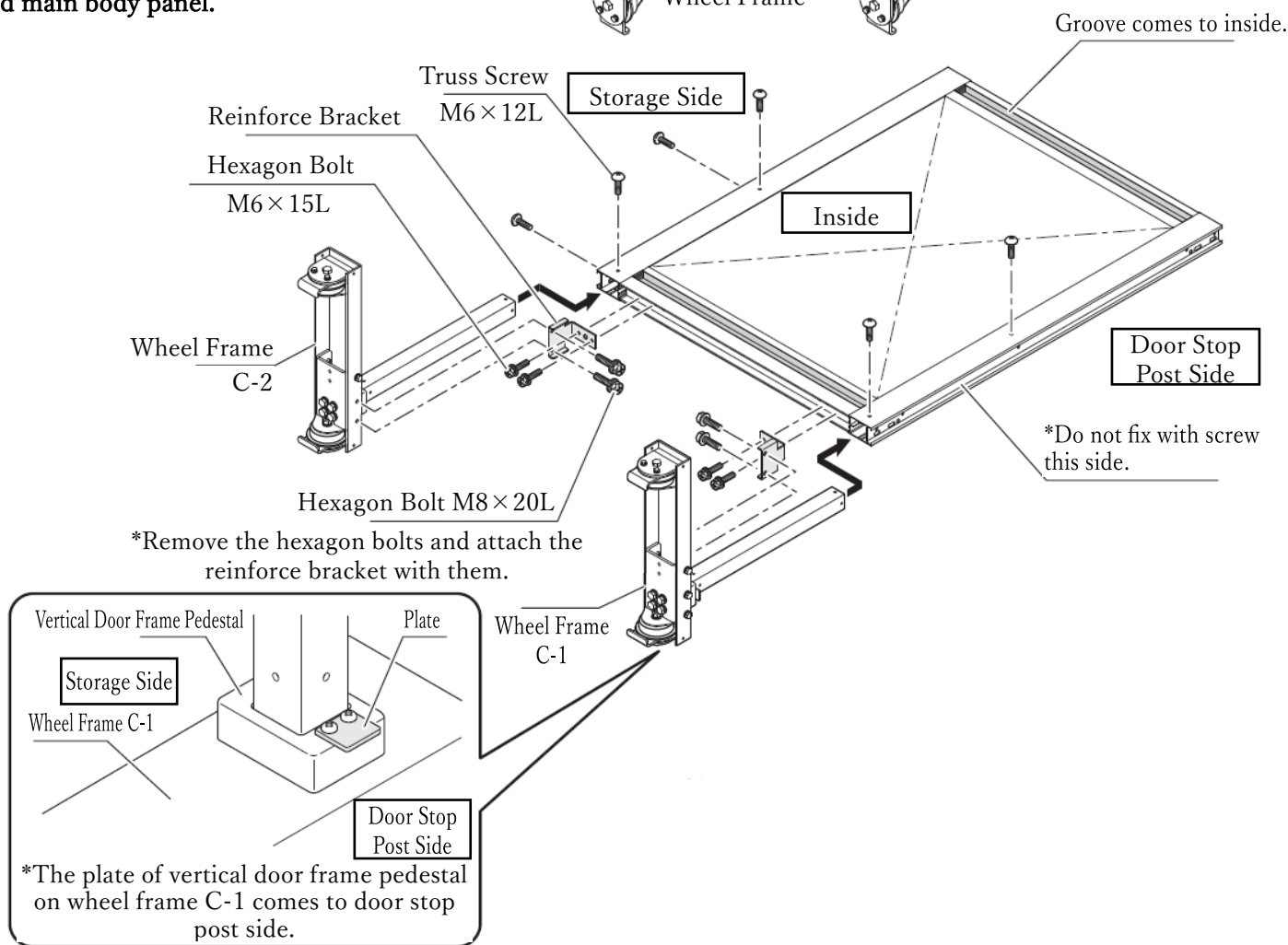


1 Installation of 1st Panel

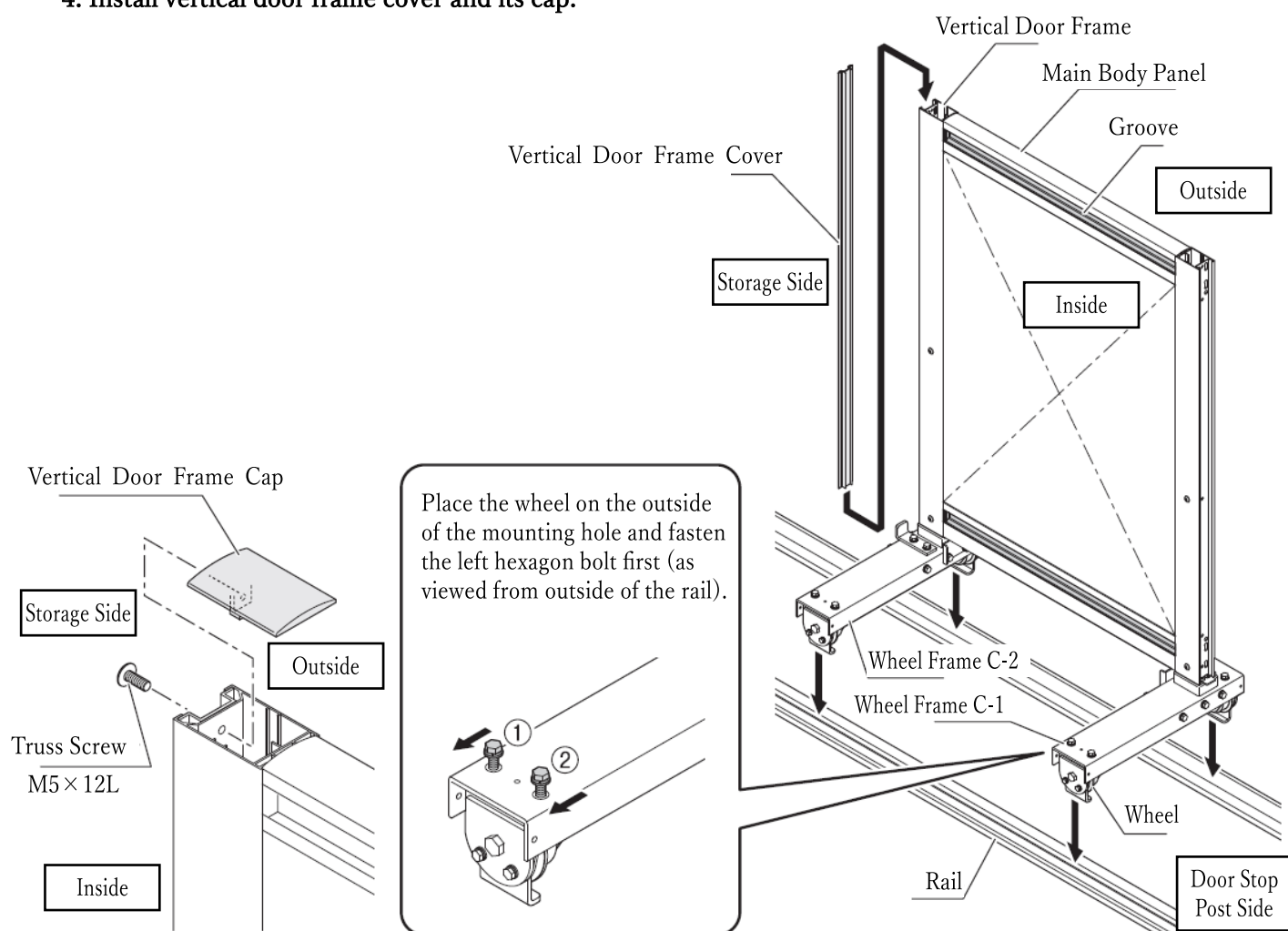
1. Install wheel frame connector, hook receiver, and wheel to wheel frame.



2. Install reinforce bracket to wheel frame C-1, C-2, and main body panel.



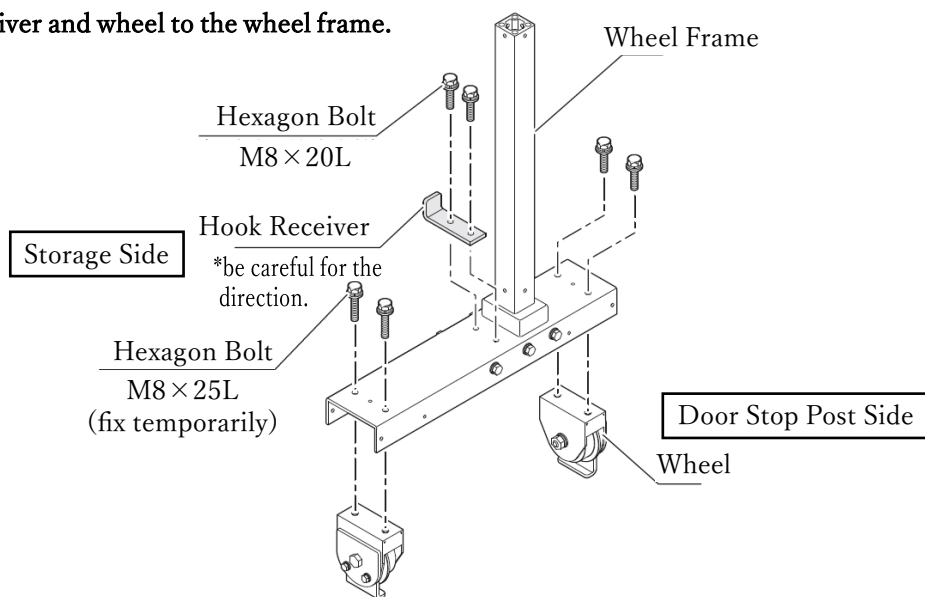
3. Put 1st panel with assembled parts on the rail.
4. Install vertical door frame cover and its cap.



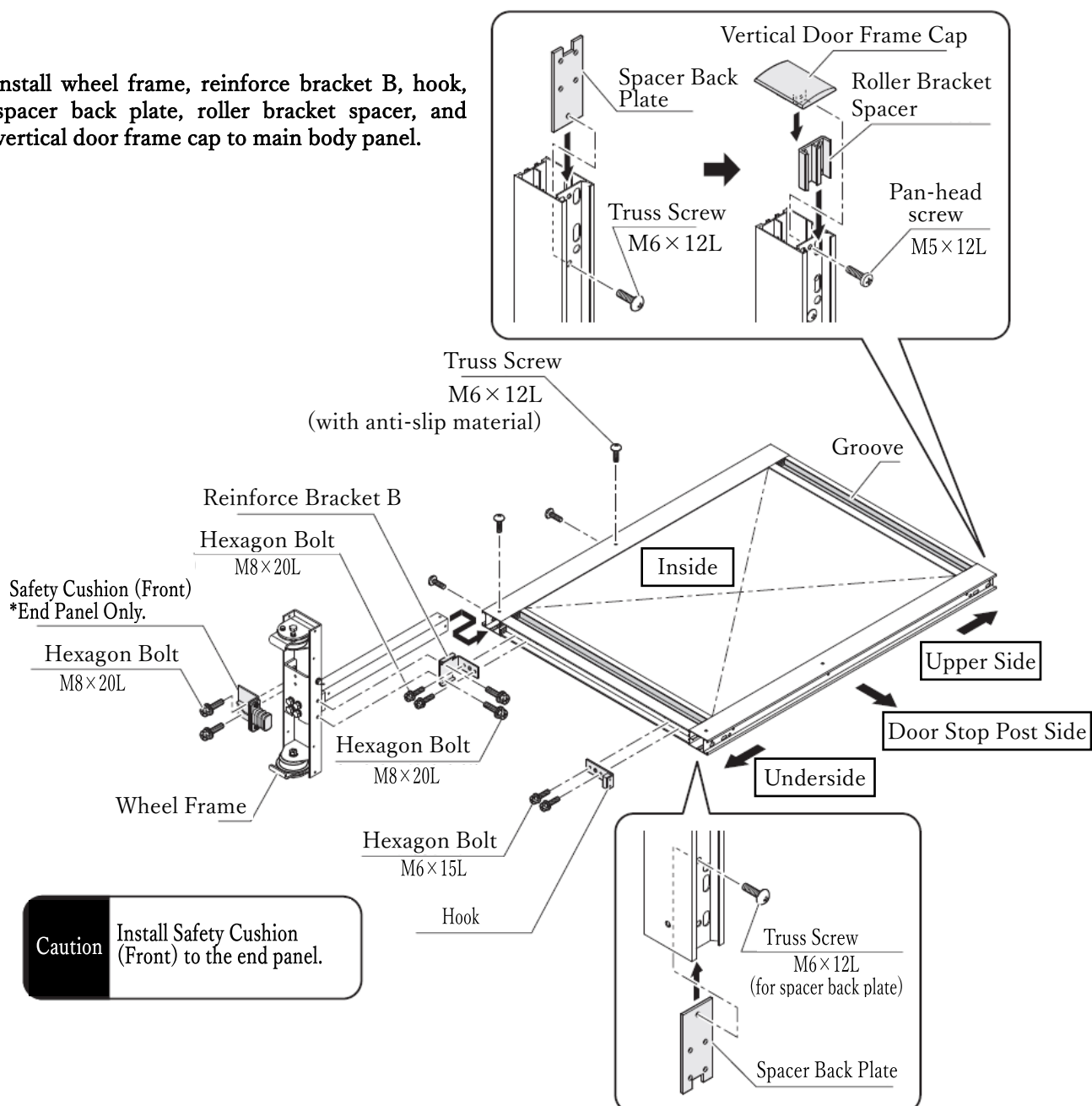
2

Installation of the 2nd and Subsequent Main Body

1. Install hook receiver and wheel to the wheel frame.

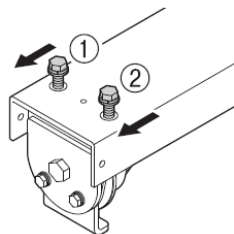


2. Install wheel frame, reinforce bracket B, hook, spacer back plate, roller bracket spacer, and vertical door frame cap to main body panel.

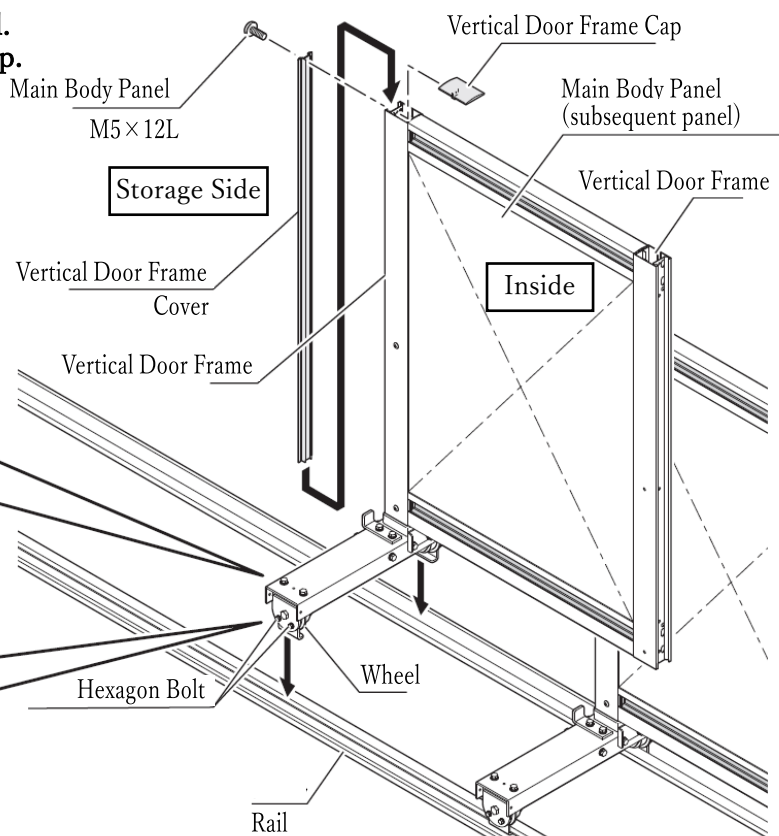


3. Put panel with assembled parts on the rail.
4. Install vertical door frame cover and its cap.

Place the wheel on the outside of the mounting hole and fasten the left hexagon bolt first. (as viewed from the outside of the rail.)



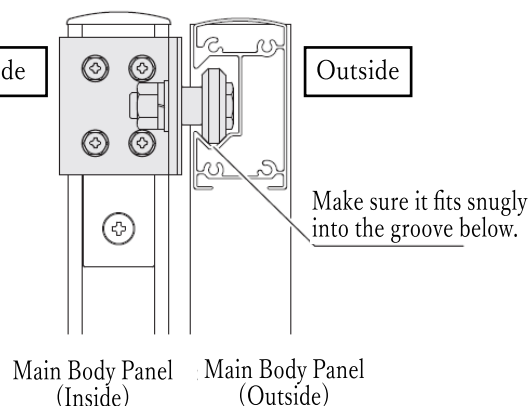
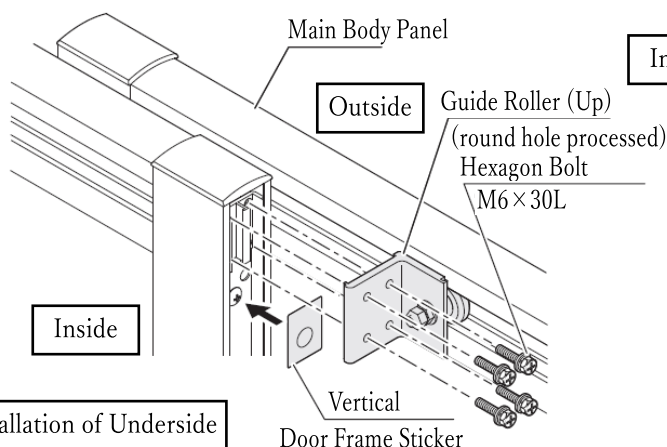
After completion of adjustment, firmly fix all hexagon bolts on all wheels.



3 Installation and Adjustment of the Guide Roller

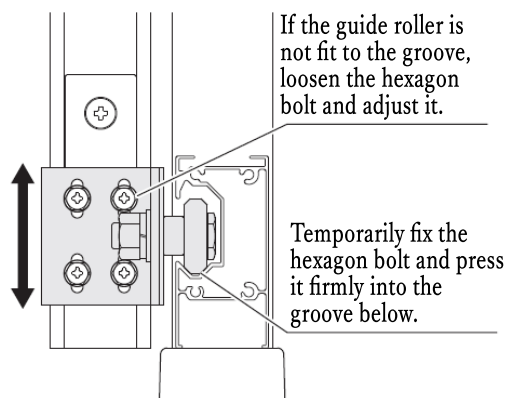
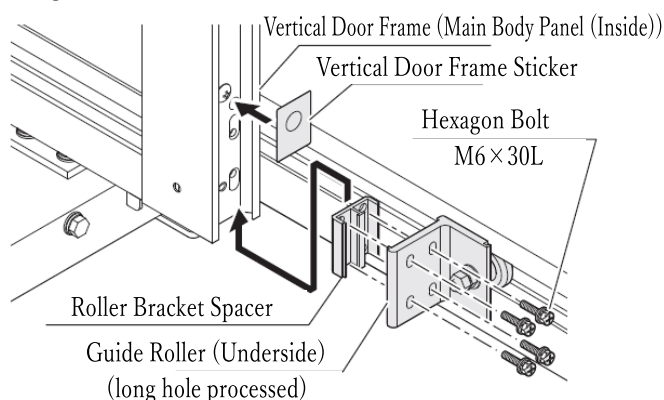
Installation of Upper Side

1. Put vertical door frame sticker on the vertical door frame.
2. Install guide roller (upper side) to vertical door frame.



Installation of Underside

3. Put vertical door frame sticker on the vertical door frame.
4. Insert roller bracket spacer to vertical door frame from the groove of underside of the vertical door frame.
5. Install guide roller (underside).

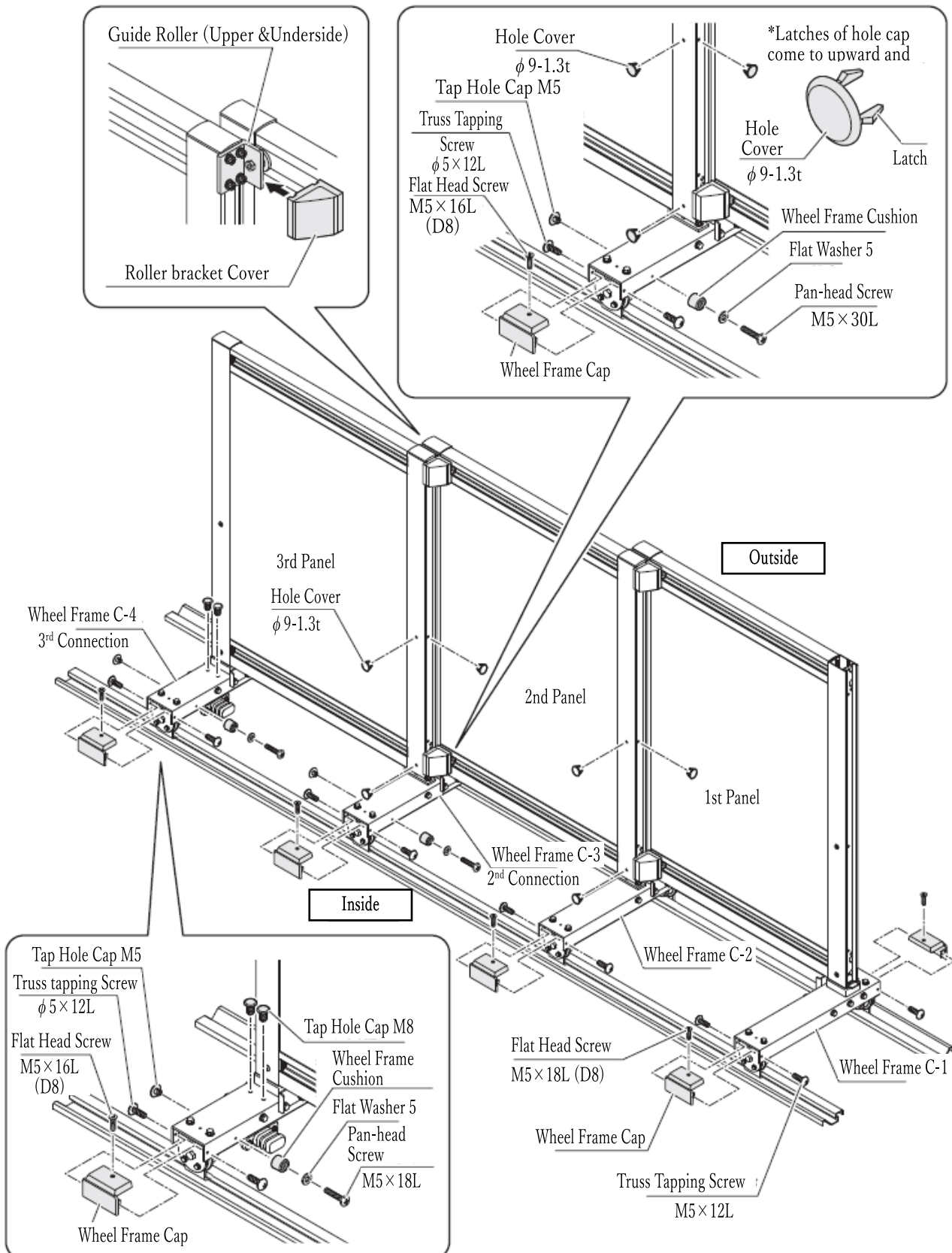


4 Installation of Main Body Panel (3rd Subsequence~)

If the size of the CR has more than 3 connections of main body panel, follow the same procedure of 2 → 3 .

5 Installation of Wheel Frame Cap, Cushion, Roller Bracket Cover, and Hole Cap

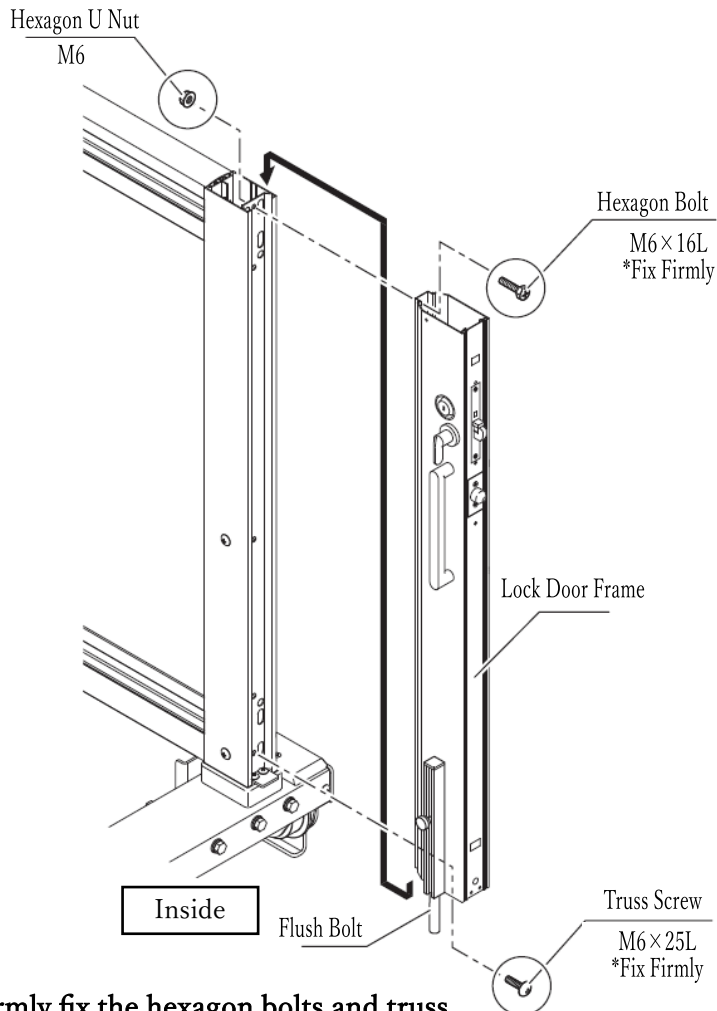
1. Install wheel frame cap, wheel frame cushion, roller bracket cover, tap hole cap M5, M8, and hole cover ϕ 9-1.3t.



6 Installation of Lock Door Frame

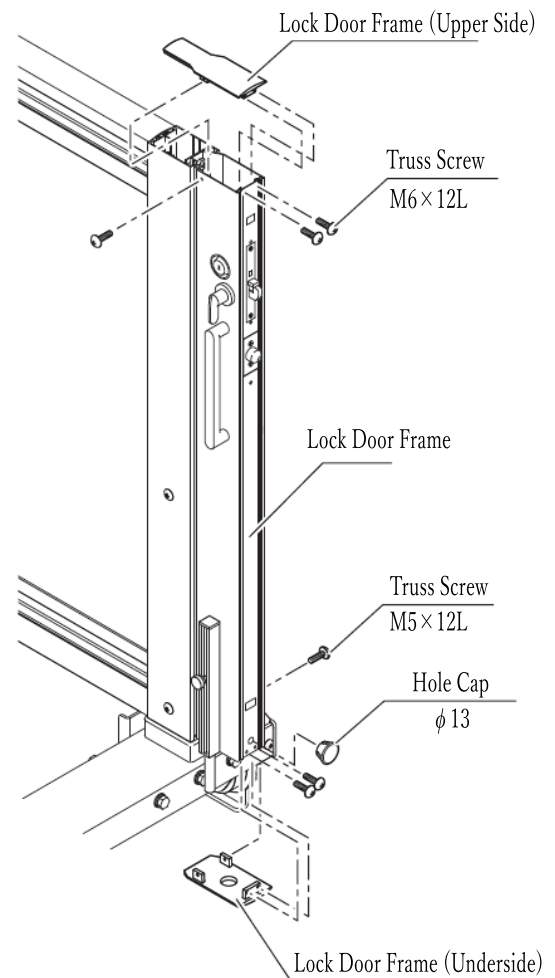
1. Install lock door frame to main body panel's vertical door frame.
2. Install lock door frame cap and hole cap.

■ Installation of Lock Door Frame



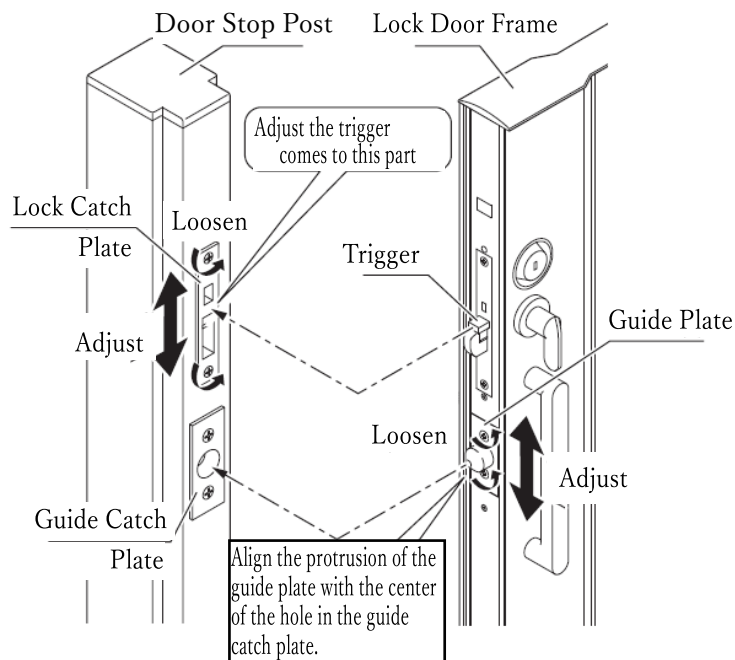
■ Firmly fix the hexagon bolts and truss screws.

■ Installation of Lock Door Frame Cap



7 Adjustment of Lock Catch Plate and Guide Plate

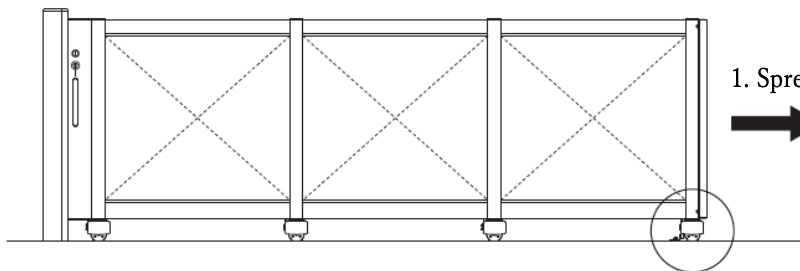
1. Adjust the height of lock catch plate and guide plate.



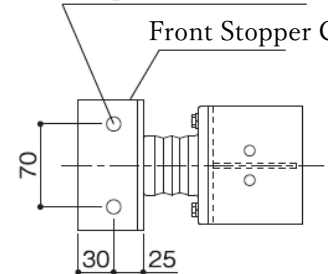
8 Installation and Adjustment of Front Stopper C

1. Spread the gate while locking it with door stop post.
2. Place the front stopper C in the position shown in the drawing below and mark the position of anchor.

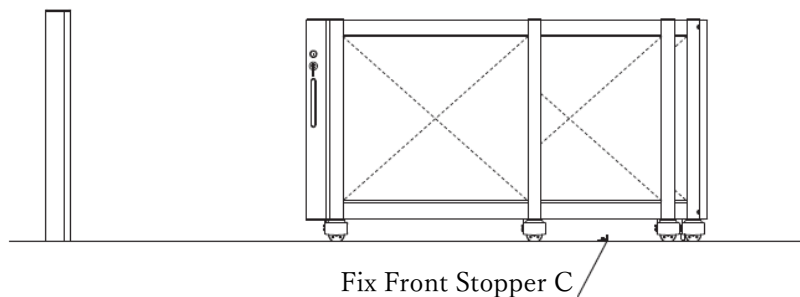
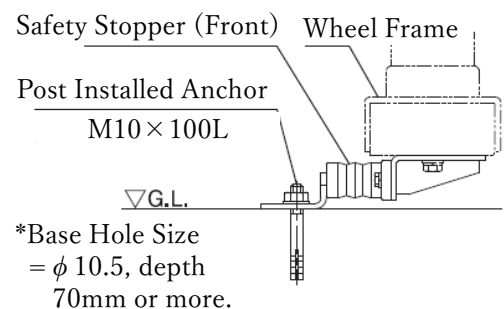
2. Mark the position of the anchor.



1. Spread the gate.

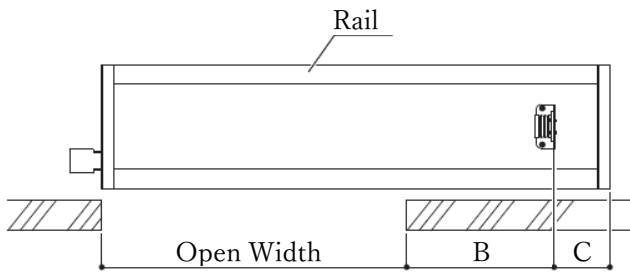


3. Unlock the gate.
4. Drill holes for the anchors. Then fix the front stopper C with post installed anchor (M10×100L). At this time, the safety cushion (front) will be on the storage side of the front stopper C.

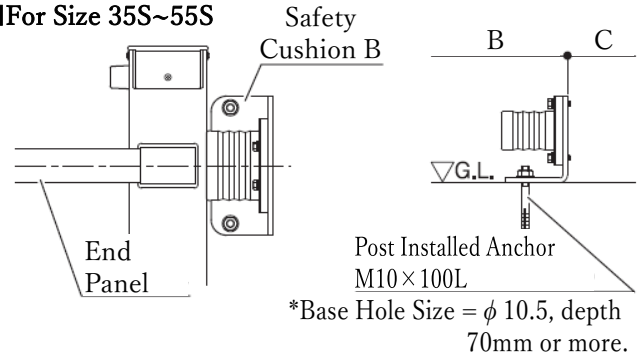


9 Installation of Safety Cushion B

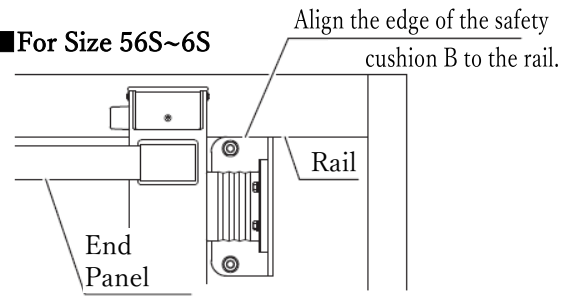
1. Drill holes for the anchor with the dimension written in the table, and fix the safety cushion B with post installed anchor(M10×100L)



■For Size 35S~55S



■For Size 56S~6S



(mm)

Size	B	C
3S	1570	130
31S	1670	130
32S	1670	130
33S	1670	130
34S	1595	105
35S	1595	105
36S	1595	105
37S	1695	105

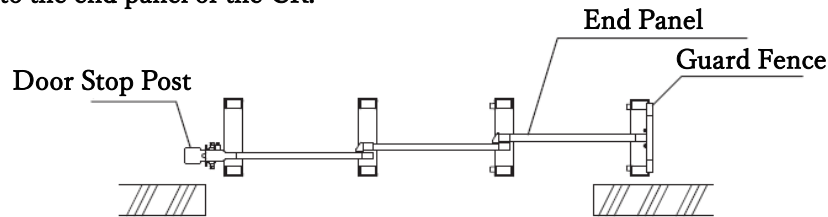
Size	B	C
38S	1695	105
39S	1695	105
4S	1695	105
41S	1795	105
42S	1795	105
43S	1795	105
44S	1795	105
45S	1720	80

Size	B	C
46S	1820	80
47S	1820	80
48S	1820	80
49S	1820	80
5S	1820	80
51S	1920	80
52S	1920	80
53S	1920	80

Size	B	C
54S	1920	80
55S	1920	80
56S	1945	55
57S	1945	55
58S	1945	55
59S	1945	55
6S	1945	55

10 Installation of Guard Fence

1. Install the guard fence to the end panel of the CR.

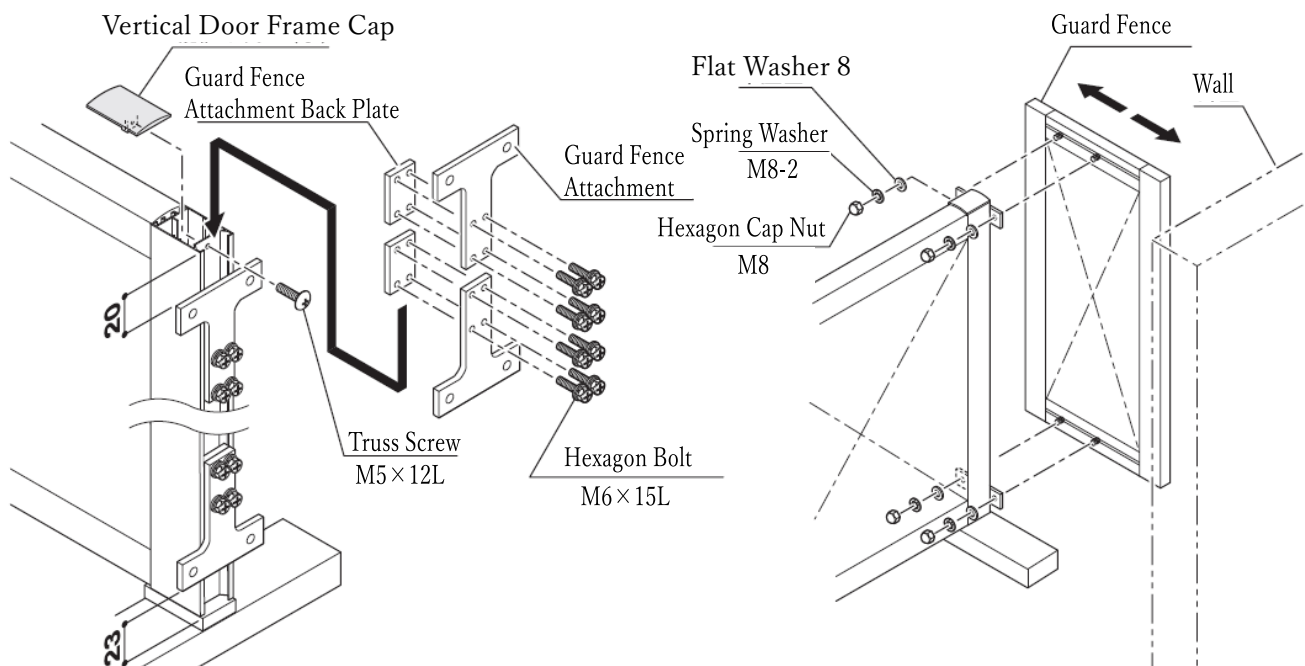


2. Insert the guard fence attachment back plate to the vertical door frame's groove.

3. Attach the vertical door frame cap.

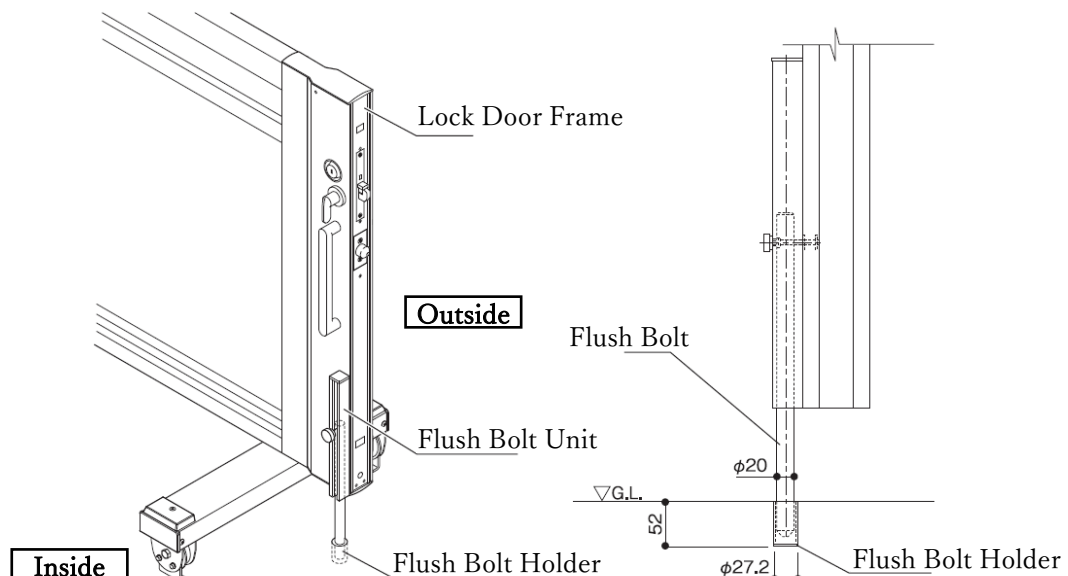
4. Fix the guard fence attachment to the position drawn below.

5. To not to the space between guard fence and wall are widely open, adjust the position of guard fence.



11 Installation of Flush Bolt

1. Bury flush bolt holder after confirmation of the flush bolt's position when fully closed and opened.



12

Check Items After Compilation of Installation

Check Item	Solution
Is it possible to lock and unlock with a key?	If the key is difficult to turn or the hook is stuck and difficult to remove, adjust the height of the lock catch plate and lock front plate. (See 7)Also, please record the key number as it will be necessary to reorder if you lose it.
Is the safety cushion (rear) B installed in the correct position?	When the door is fully open, make sure that the wheel frame (End) touches the safety cushion (rear) B. (See 9)
Is the safety cushion (front) installed in the correct position?	When the door is fully closed, make sure that the safety cushion's rubber is not crushed. (See 8)
Are the fall prevention plates installed in the correct position?	Make sure the fall prevention plate does not come into contact with the rail when opening or closing. Also, retighten the fall prevention plate mounting bolts (Hexagon Bolt). (See 2)
Are any screws and bolts loose or forgotten to be installed?	After completing all installation, check that all screws and bolts are securely fastened.