

INSTALLATION INSTRUCTIONS



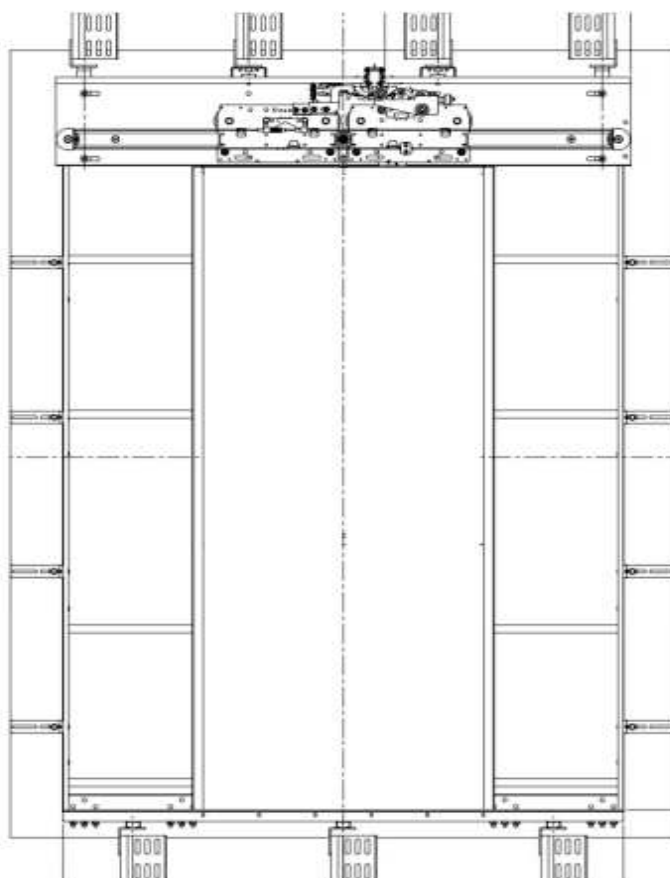
LLOYD'S BUILDING LONDON TOWER T2-T4-T6

14-219962-LANDING
Code 14-219962-CAR

Version 0

Date 28/06/2017

LANDING & CAR DOOR



No part of this publication may be reproduced or translated, even in part, without prior written permission from WITTUR.

Subject to change without notice!

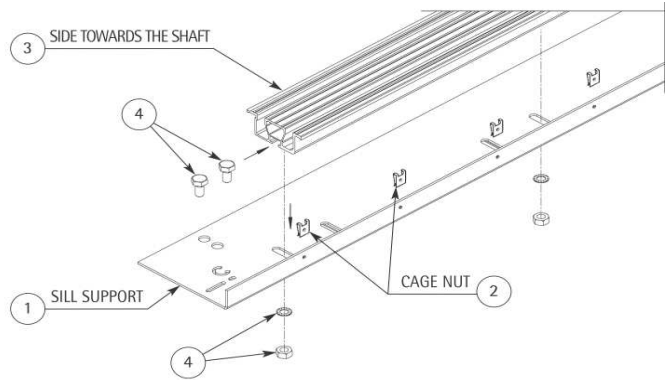
Questa pubblicazione non può essere riprodotta né tradotta, né interamente né in parte senza autorizzazione scritta della WITTUR.

Soggetto a modifica senza preavviso!

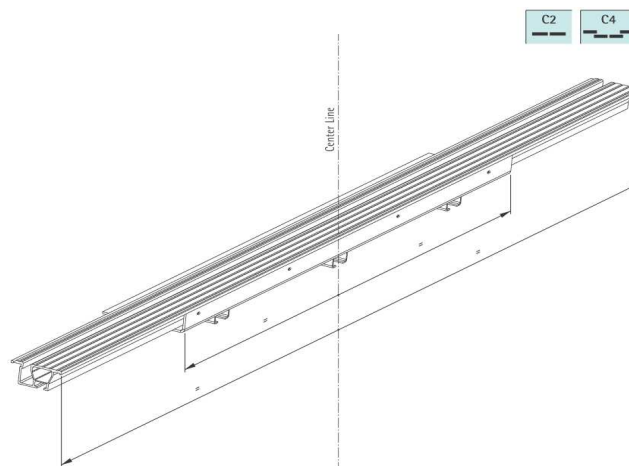
info@wittur.com
www.wittur.com

© Copyright WITTUR 2017

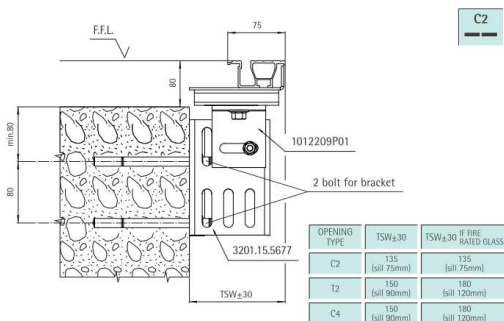
SILL ASSEMBLY



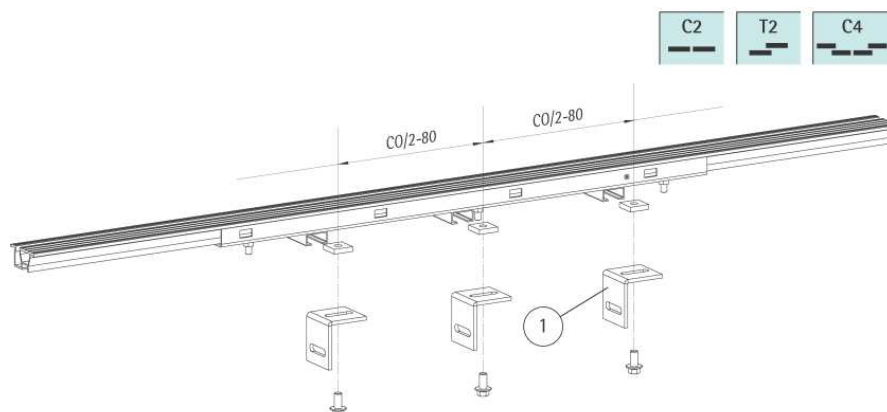
POSITIONING SILL



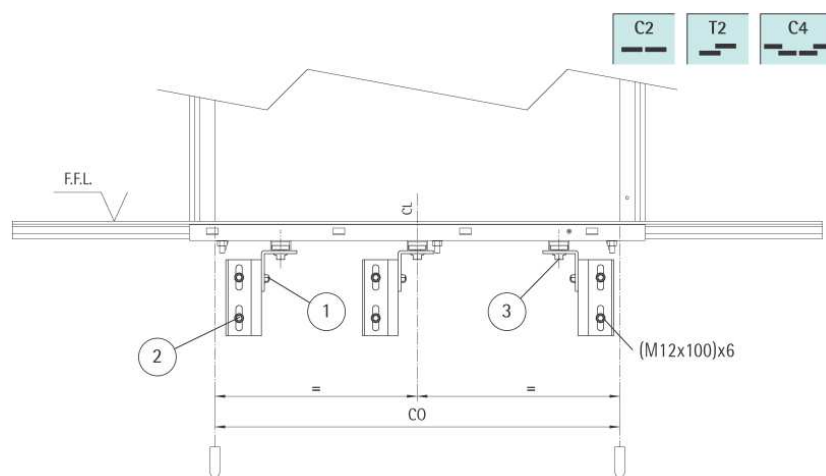
SILL BRACKETS

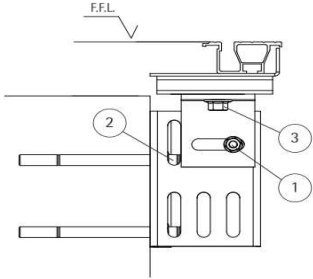


PREPARING THE SILL

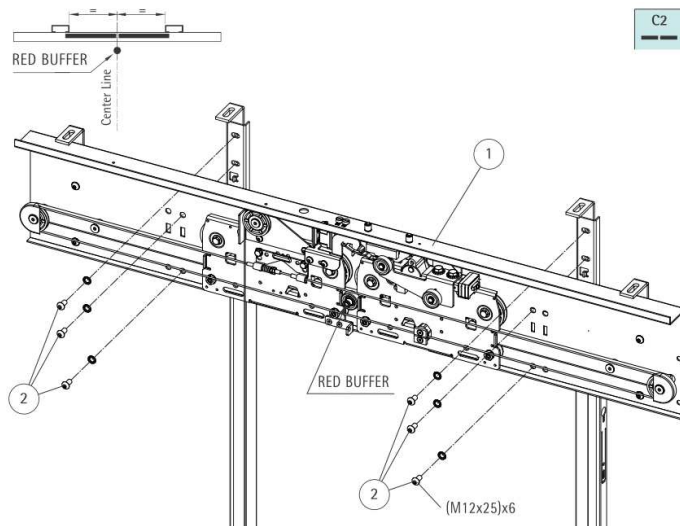


INSTALLATION OF THE SILL



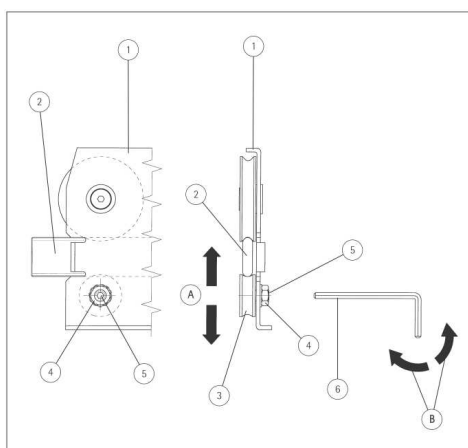
Step	Action	Note
1	Install the sill in to the wall brackets with hand tightened bolts (1).	
2	Adjust the sill sideways to the correct position and then tighten the bracket expander bolts (2).	
3	Adjust the sill profile to the correct height and depth positions. Ensure that the sill profile is horizontal and is not "tilting" before tightening the fixing screws (1) and sill bracket nuts (3).	

MECCANISM ASSEMBLED TO THE HEADER

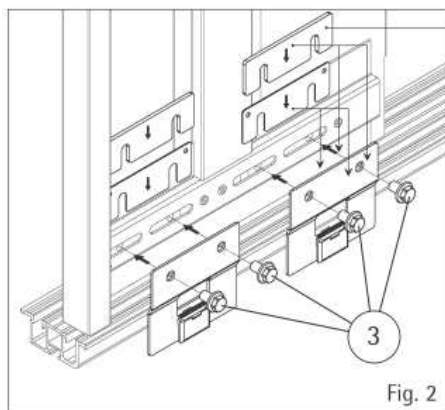


Step	Action	Note
1	Fix the mechanism (1) with screws (2).	The red buffer on top track in the central landing door, represents the vertical reference for the position of all landing doors (Center Line).

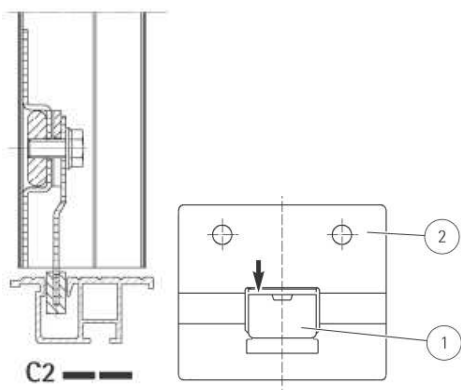
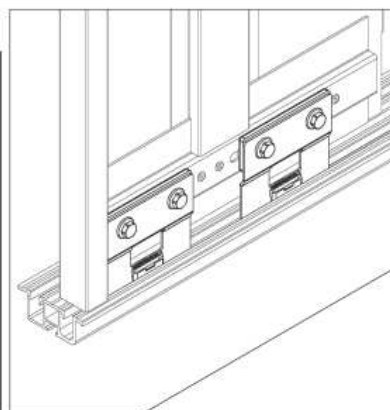
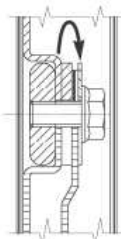
To get rid of the play between the hanger (1) and the sliding guide (2), adjust the excentric bolt on the bottom roller (3). Unscrew the bolt (4) with a 19 mm spanner and turn the excentric bolt (5) clockwise or anticlockwise, as indicated by the arrows (B) with a 6 mm allen-key (6) so as to get rid of the play between the guide and roller but leaving enough play to allow the roller to rotate freely. After this adjustment, rescrew the roller stopping bolt (4).



BOTTOM SLIDING SHOES ASSEMBLY

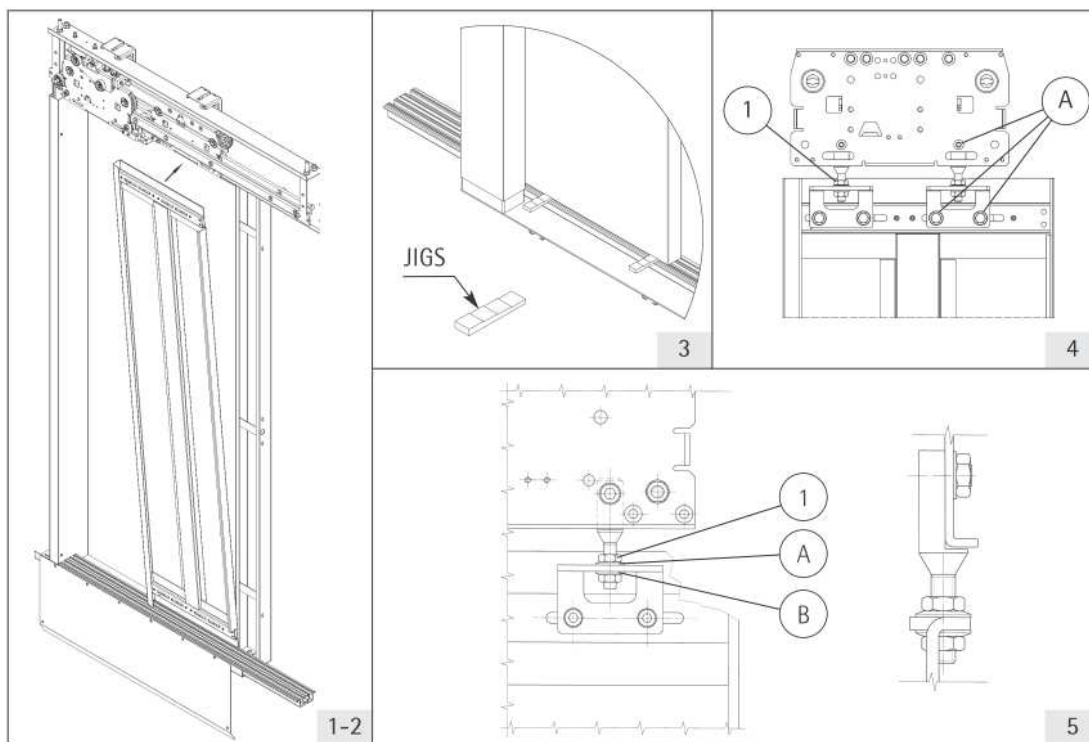


ATTENTION!
To avoid damage the panels, placing spacers not used to adjust in front of shoe support to compensate the screw length.



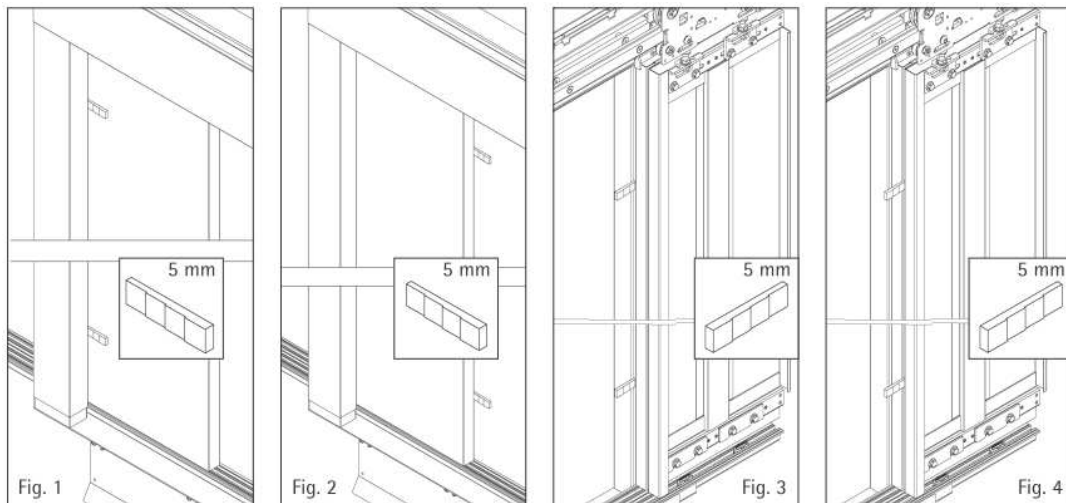
Step	Action
1	Insert the guide shoes (1) to the support (2) (Fig.1). Mount the fixation screws (3) (Fig.2).
2	Each panels must have at least two bottom sliding shoes.

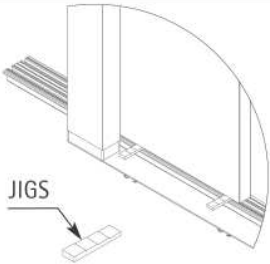
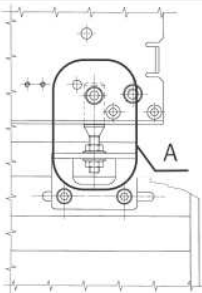
PANELS ASSEMBLY



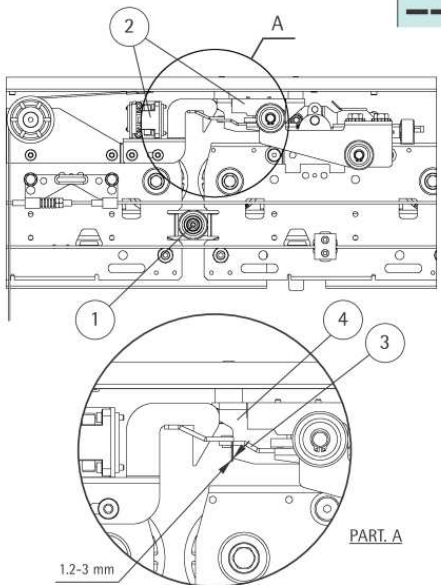
Step	Action	Note
1	Close the door.	Hangers in closed position.
2	Put in the door panel under the hanger (Fig.1-2).	From the side if smoke labyrinths.
3	Place 2 jigs under the door panel for 5 mm gap (Fig.3).	
4	Standard position for the fixing screws (A) of panel hanger bolts at the time of assembling (Fig.4).	All panels must have at least two fixing points. Check if the friction panel is minimized it is possible to adjust it with loosening the nut (1) and move the panel for have a minimum friction, after fix again the nut (1).
5	The "A" type conical washers should be placed on the top part of the door fixing profile. The "B" type flat washer beneath (Fig.5).	All panels must have at least two fixing points. Check if the friction panel is minimized it is possible to adjust it with loosening the nut (1) and move the panel for have a minimum friction.

ADJUSTMENT OF PANELS CLEARANCE

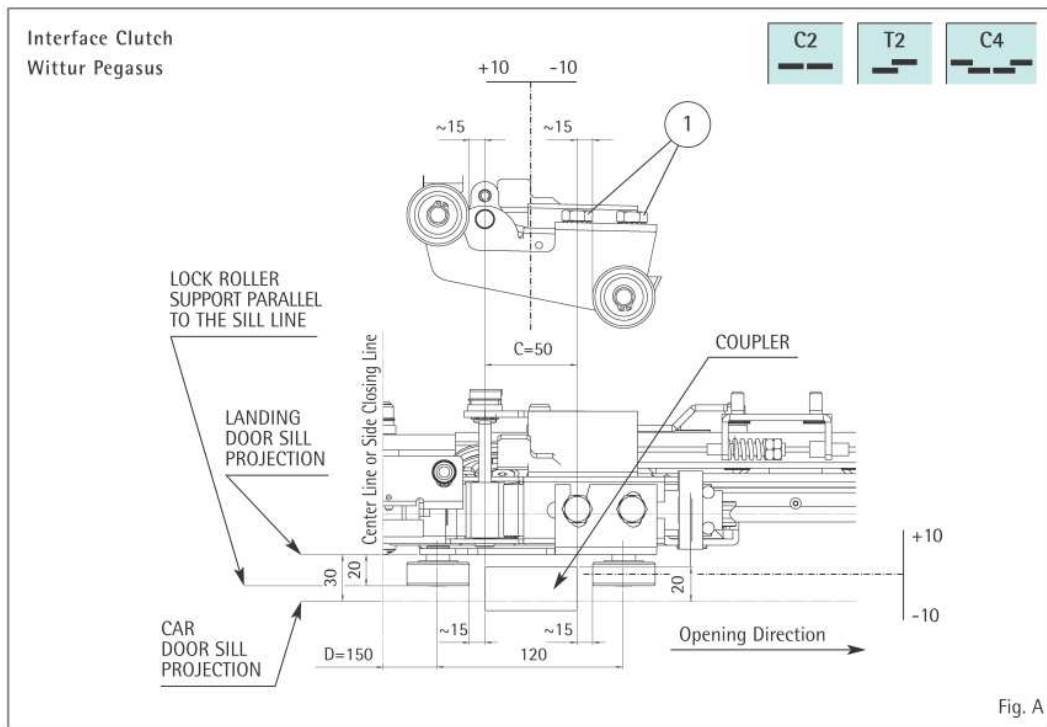


Step	Action	Note
1	Close the door.	Hangers in closed position.
2	Check that the gap between panels or side post is 5 mm and even.	Adjust the panel rear top fixing and/or rear bottom sill guide (Fig. 1-2-3-4).
3	Place 2 jigs under the door panel for 5 mm gap.	 <p>JIGS</p> <p>Fig. 5</p>
4	Check that the gap between panels or side post is 5 mm and even.	Adjust the panel front top fixing and/or front bottom guide.
5	After steps "3 and 4" tighten the screws joints (A) slightly and remove the jigs.	 <p>A</p> <p>Fig. 6</p>

LOCK CLEARANCE

Step	Action	Note
1	<p>Close the door fully so that the hangers are against the buffers (1) and check the lock function.</p> <ul style="list-style-type: none"> - The lock play should be 1.2-3 mm (not adjustable). - Ensure the lock play does not break the door contact (2) when panels are moved apart. 	<p>Hangers in closed position.</p>  <p>Hanger plates must touch the buffer (1) when the door is completely closed, there must be a clearance of 1.2-3 mm between the hook (3) and the counter lock (4). Hanger plates must touch the centre buffer first before the centre lists of door panels touch each other.</p>

POSITION OF THE COUPLER BETWEEN THE LANDING LOCK ROLLERS

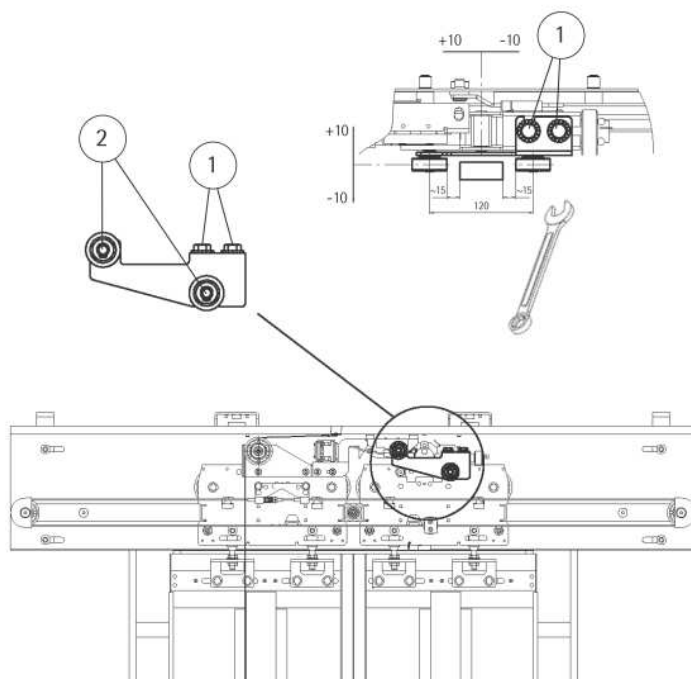


Step	Action
1	Loosen the bolt (1) with a CH 17 spanner and adjust the position the lock roller to the coupler according Fig.A. After this adjustment, tighten the bolt (1).

ADJUST THE LOCK ROLLERS TO THE COUPLER

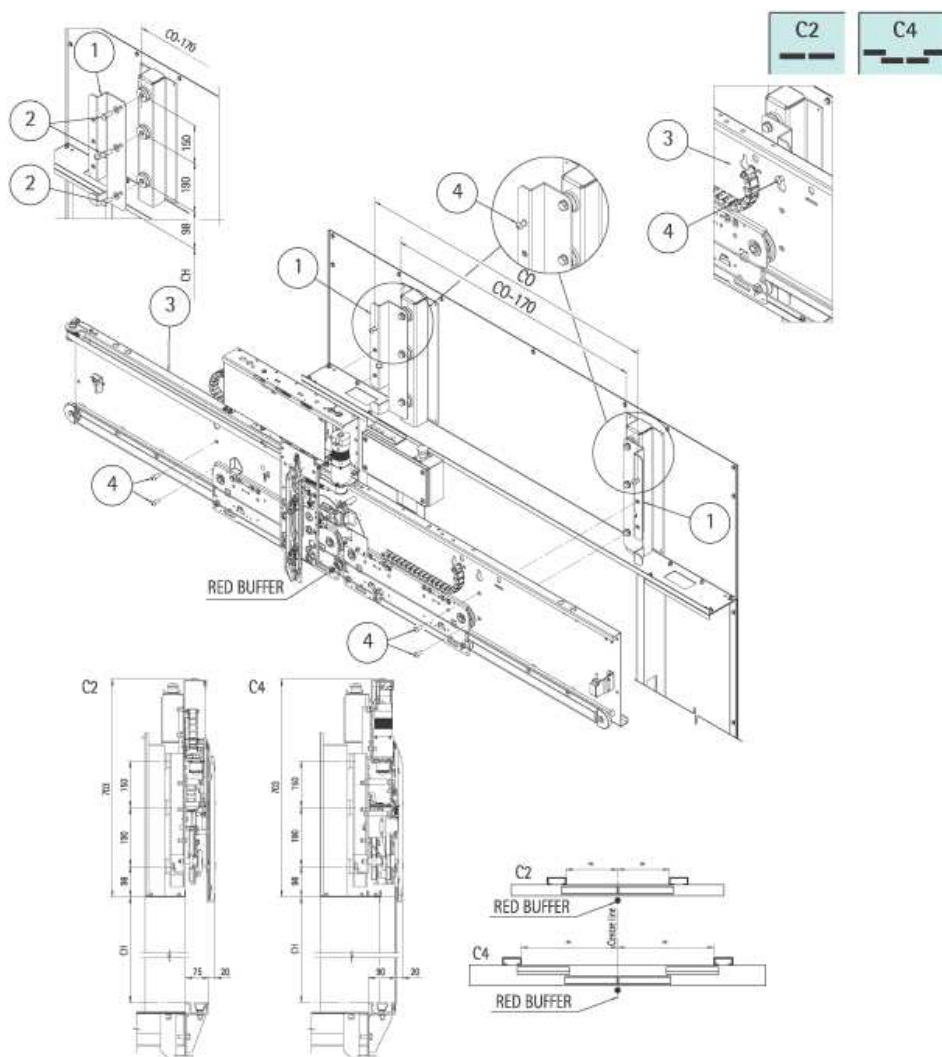
CENTRAL OPENING 2 PANELS LANDING DOOR

C2



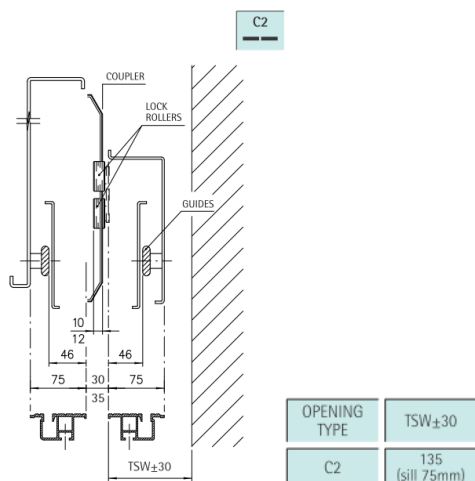
Step	Action
1	Using a CH 17 spanner, loosen screws (1) and set the lock roller position (2)

OPERATOR FIXING TO THE FRONT WALL

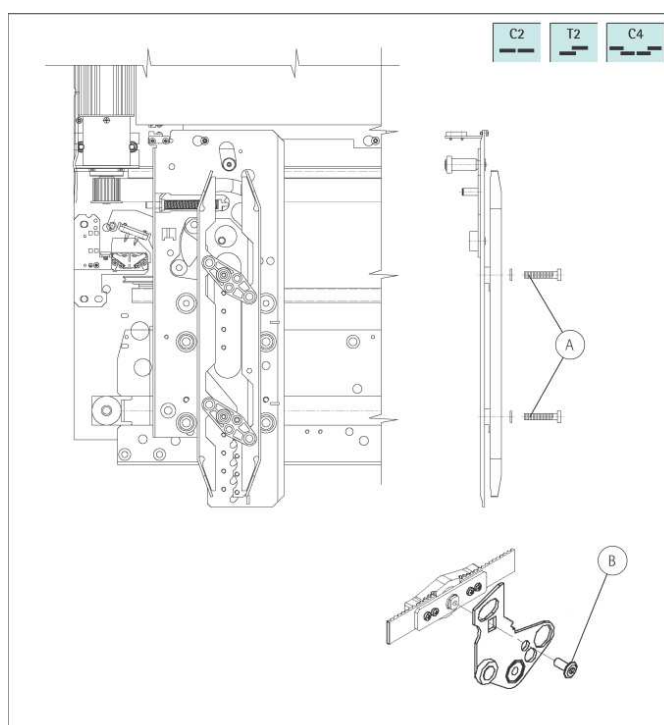


Action	Note
Fix the brackets (1) to the car front wall with the screws (2) in the holes.	
Place the operator (3) to car front wall and fix it with the screw (4).	The red buffer on top track in the central landing door, represents the vertical reference for the position of all landing doors (Center Line).

CAR AND LANDING DOOR ARRANGEMENT

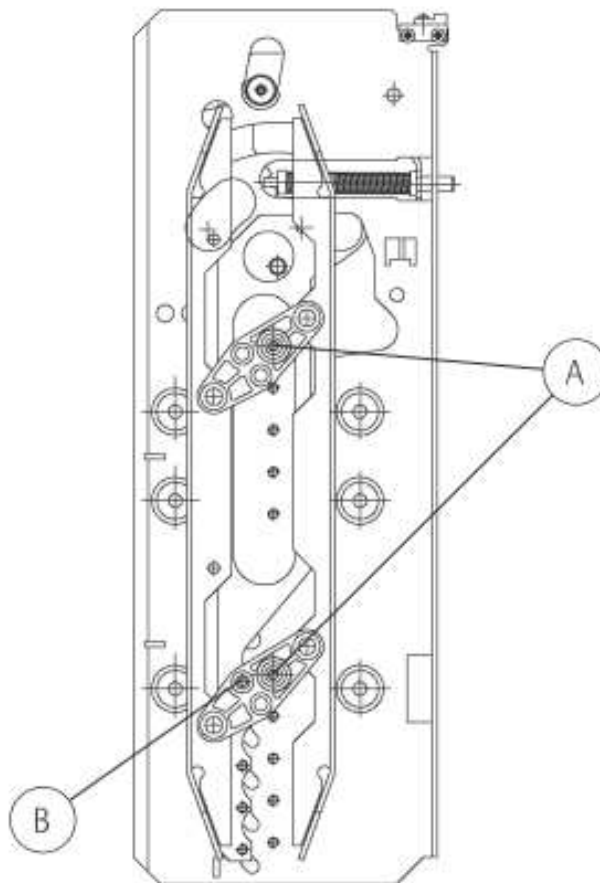


FIXING OF THE COUPLER



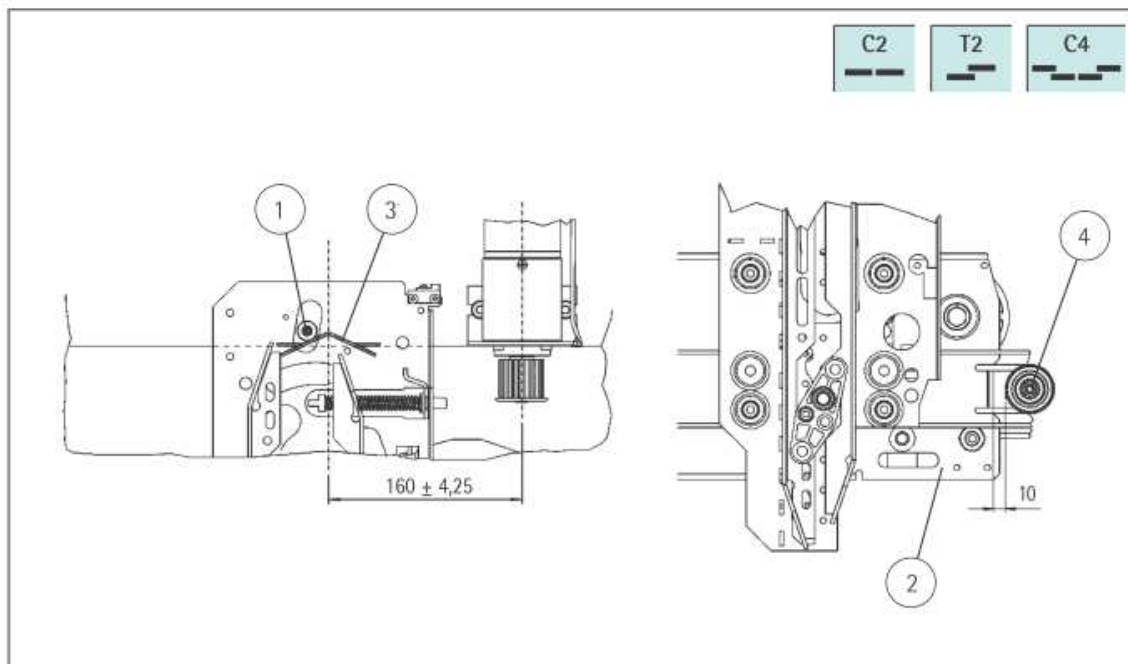
Step	Action	Note
1	Fix the coupler to car door mechanism.	Using 4 screws (A).
2	Fix the belt to the coupler.	Use 1 screw (B).

Coupler with shifting-offset from 0 up to 100 mm



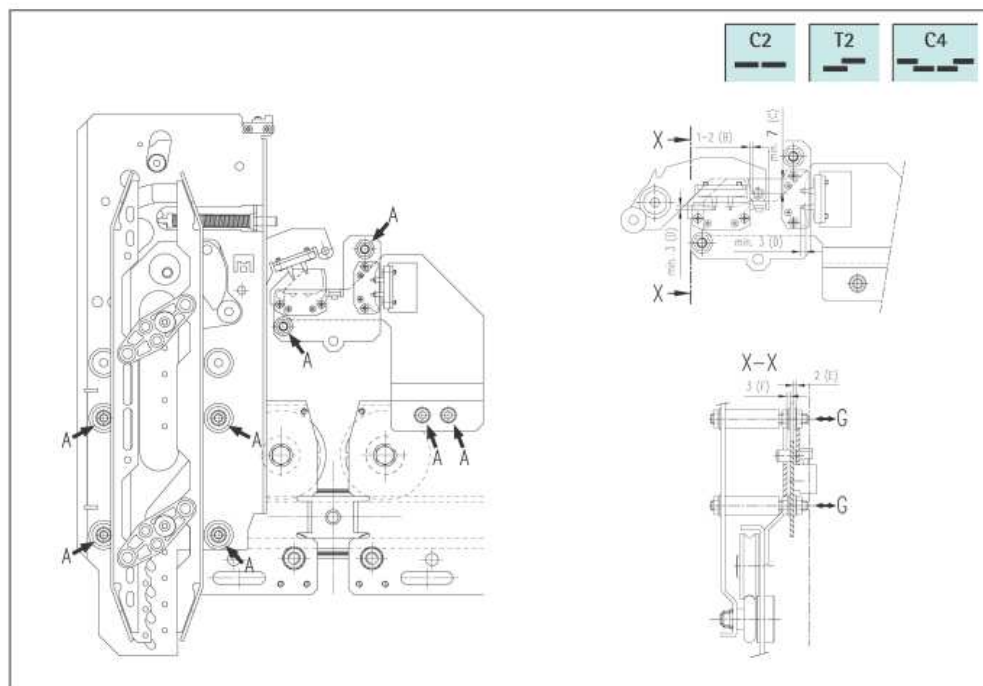
Step	Action	Note
1	Vanes offset adjusting.	Unloosing the screws (A) and the screw (B), by placing the vanes in the required position and re-tightening the screws (A) and screw (B). Further shifting-offsets every 25 mm are possible.

CLUTCH UNLOCKING – POSITION 10MM BEFORE CLOSING



Step	Action
1	Check Clutch Release Roller (1) X-Position by move Carriers (2) approximately 20mm towards open, then towards close until the carrier has 10mm distance to the closed Stopper Rubber (4). At this point the Clutch Release Roller (1) has to touch the slide (3) for start to Clutch closing.
2	Adjust the slide (3) if the requirements are not met.

CAR DOOR LOCK (CDL)



Step	Action
1	The car door lock must lock the door if the car is out of unlocking zone.
2	All parts of lock coupler, lock notch and additional lock notch (only centre opening) must be securely fixed (A).
3	Safety circuit must be interrupted if the door opens.
4	Gap between lock hook and notch should be 1-2 mm (B).
5	Contacts should be clean and have minimal wear (metal visible).
6	Lock hook and beak overlap when contact operates must be min. 7 mm (C).
7	The contact bridge should push the contact surface down min. 3 mm (D).
8	Electrical terminations should be tight and secure.
9	Contact bridge should be aligned to the middle of contact holes, not touching the hole edges.
10	The distance between the lock hook and the lock notch should be 2 mm (E). The distance between Lock notch and additional lock notch should be 3 mm (F). If necessary adjust the lock notch accordingly (G).