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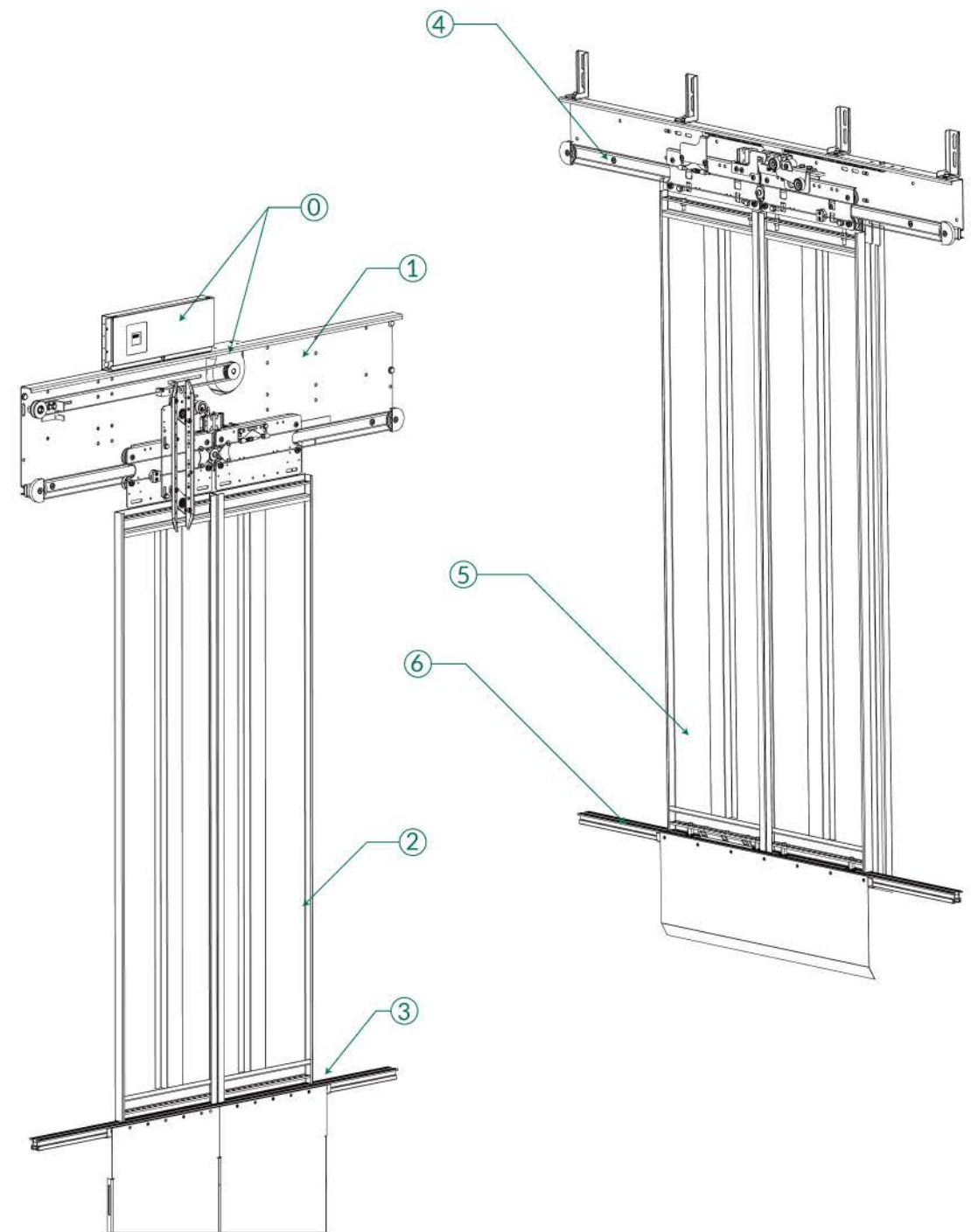
# DOOR MODERNIZATION SOLUTIONS

## 门改造解决方案



Suzhou Genesis Elevator Systems Co., Ltd.  
苏州启元电梯系统有限公司

MODERNIZATION DOORS  
电梯门改造



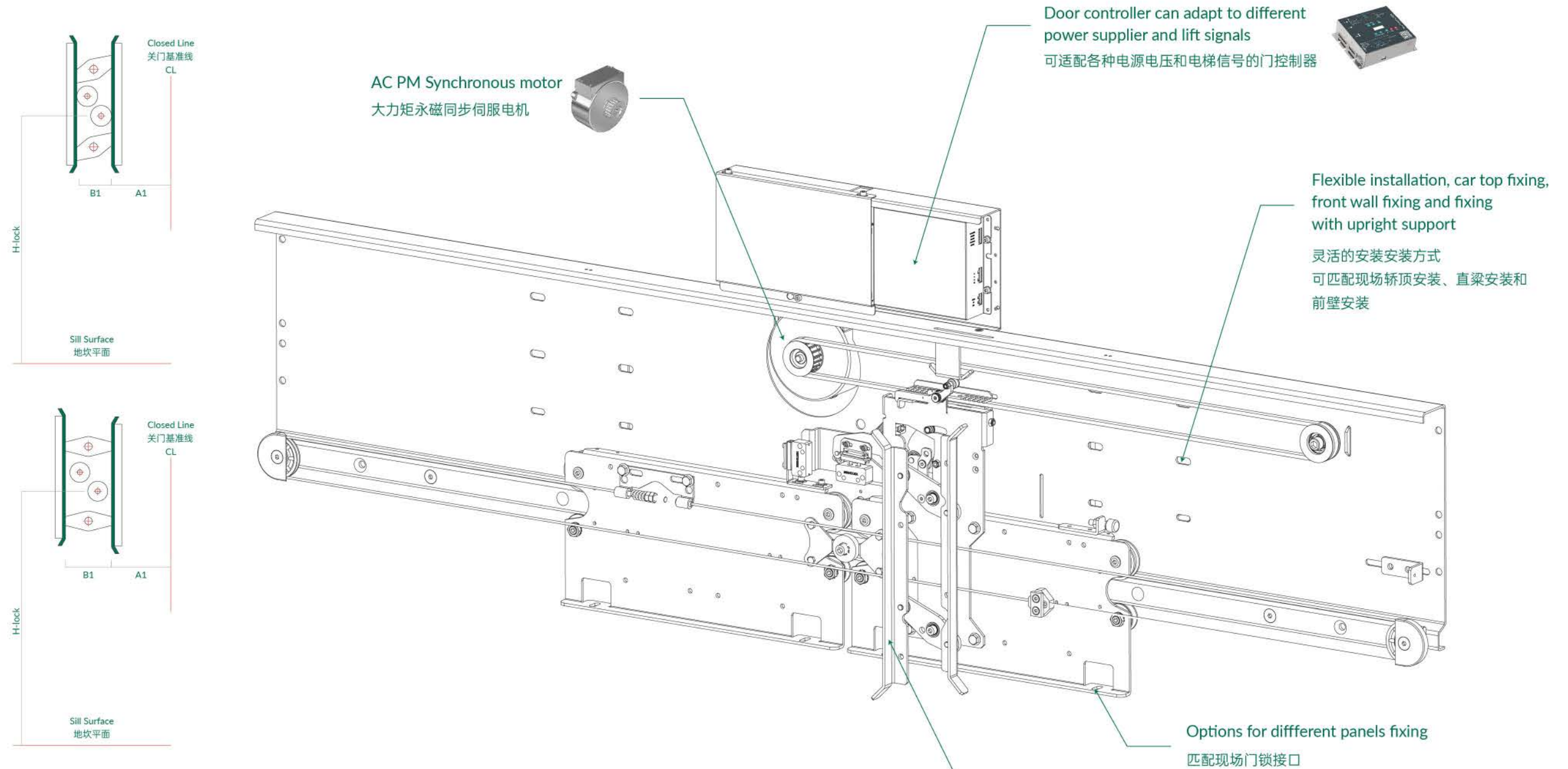
MODERNIZATION SOLUTIONS  
改造解决方案

Experiences in upgrading Wittur, Fermator, Schindler, KONE, OTIS, TKE, Mitsubishi, etc.  
模块化的设计方案可应对各种不同品牌门系统，如Wittur, Fermator, Schindler, KONE, OTIS, TKE, Mitsubishi等。

| Replacement Code<br>替换部件方案单号 | Car Door Modernization<br>轿门部分 |                           |                        |                             | Landing Door Modernization<br>层门部分 |                            |                                 |
|------------------------------|--------------------------------|---------------------------|------------------------|-----------------------------|------------------------------------|----------------------------|---------------------------------|
|                              | Door Drive Kit<br>门机驱动         | Door Operator Kit<br>门机组件 | Car Door Panel<br>轿门门板 | Car Door Sill Kit<br>轿厢地坎组件 | Landing Door Mechanism Kit<br>层门装置 | Landing Door Panel<br>层门门板 | Landing Door Sill Kit<br>层门地坎组件 |
|                              | ①                              | ②                         | ③                      | ④                           | ⑤                                  | ⑥                          |                                 |
| MOD-DR                       | ✓                              |                           |                        |                             |                                    |                            |                                 |
| MOD-OP                       |                                | ✓                         |                        |                             |                                    |                            |                                 |
| MOD-OH                       |                                | ✓                         |                        |                             | ✓                                  |                            |                                 |
| MOD-C1                       |                                | ✓                         | ✓                      |                             |                                    |                            |                                 |
| MOD-C1H                      |                                | ✓                         | ✓                      |                             | ✓                                  |                            |                                 |
| MOD-C2                       |                                | ✓                         | ✓                      | ✓                           |                                    |                            |                                 |
| MOD-C2H                      |                                | ✓                         | ✓                      | ✓                           | ✓                                  |                            |                                 |
| MOD-C2L2                     |                                | ✓                         | ✓                      | ✓                           | ✓                                  | ✓                          |                                 |
| MOD-LH                       |                                |                           |                        |                             | ✓                                  | ✓                          | ✓                               |

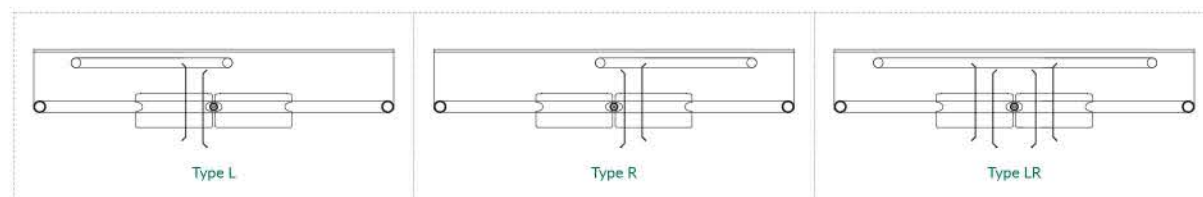
# RETRACTABLE COUPLER - CONTRACT RELEASE

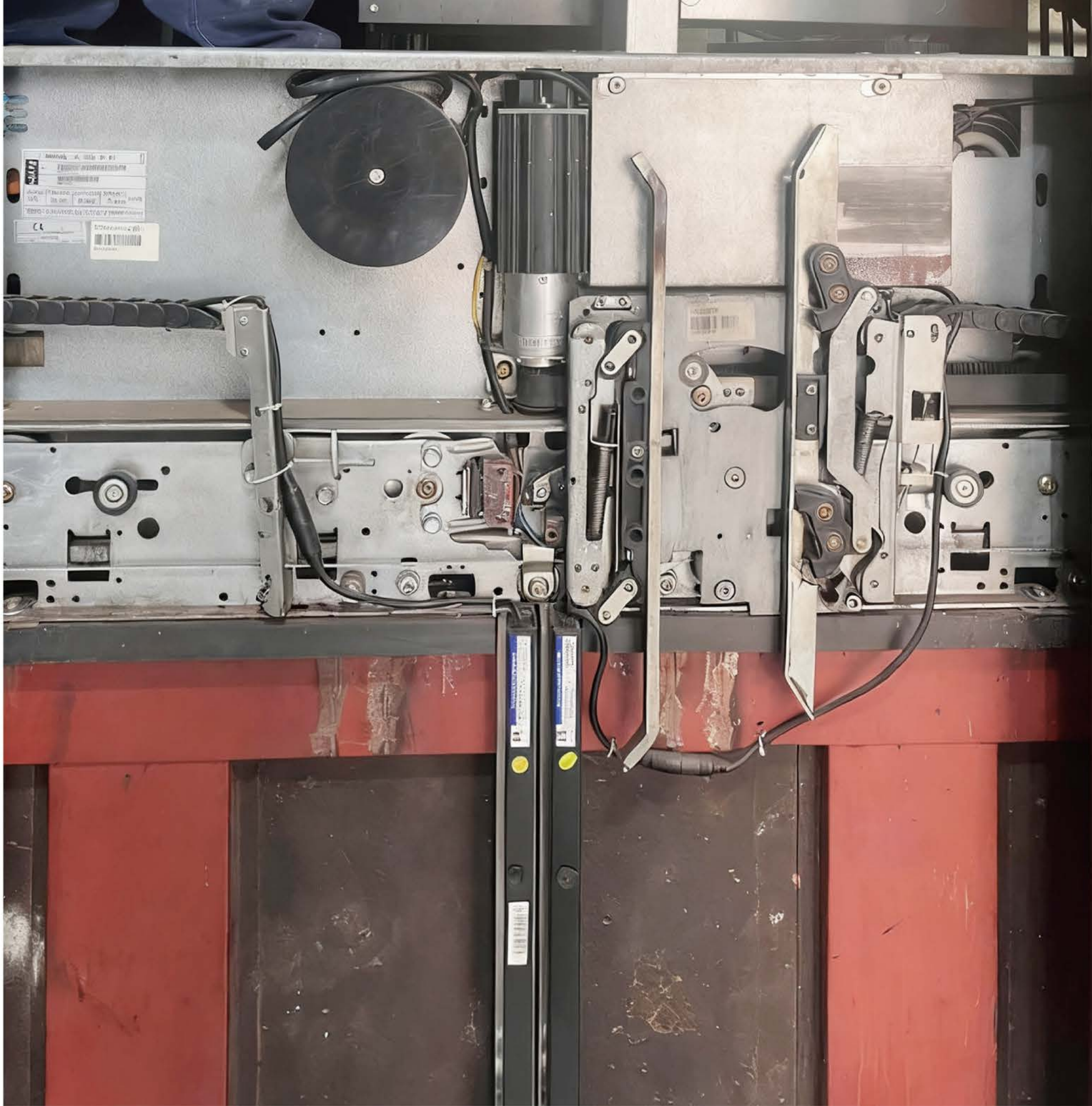
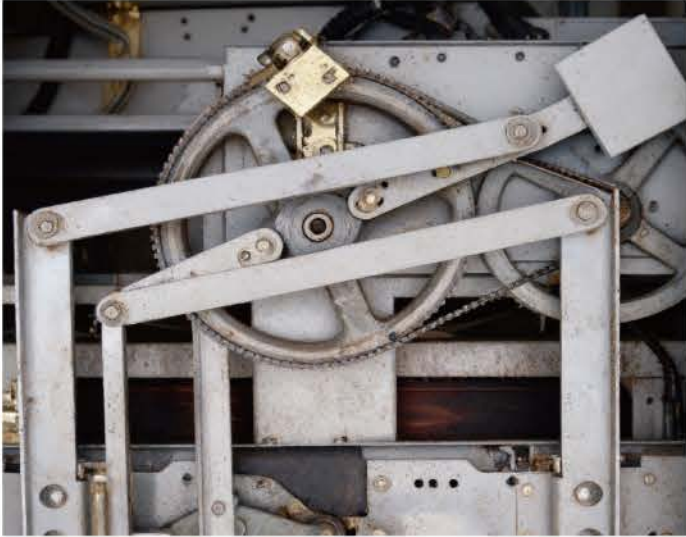
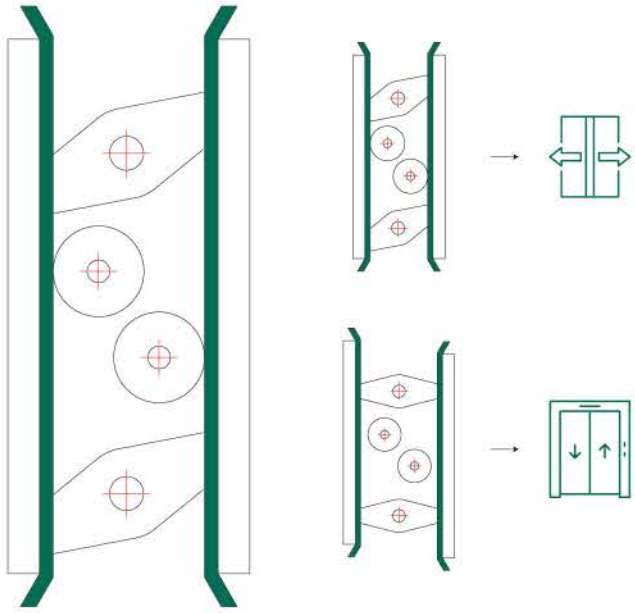
## 活动门刀——内夹开锁



Offer the following modification solutions (check the coupler position form the landing side)

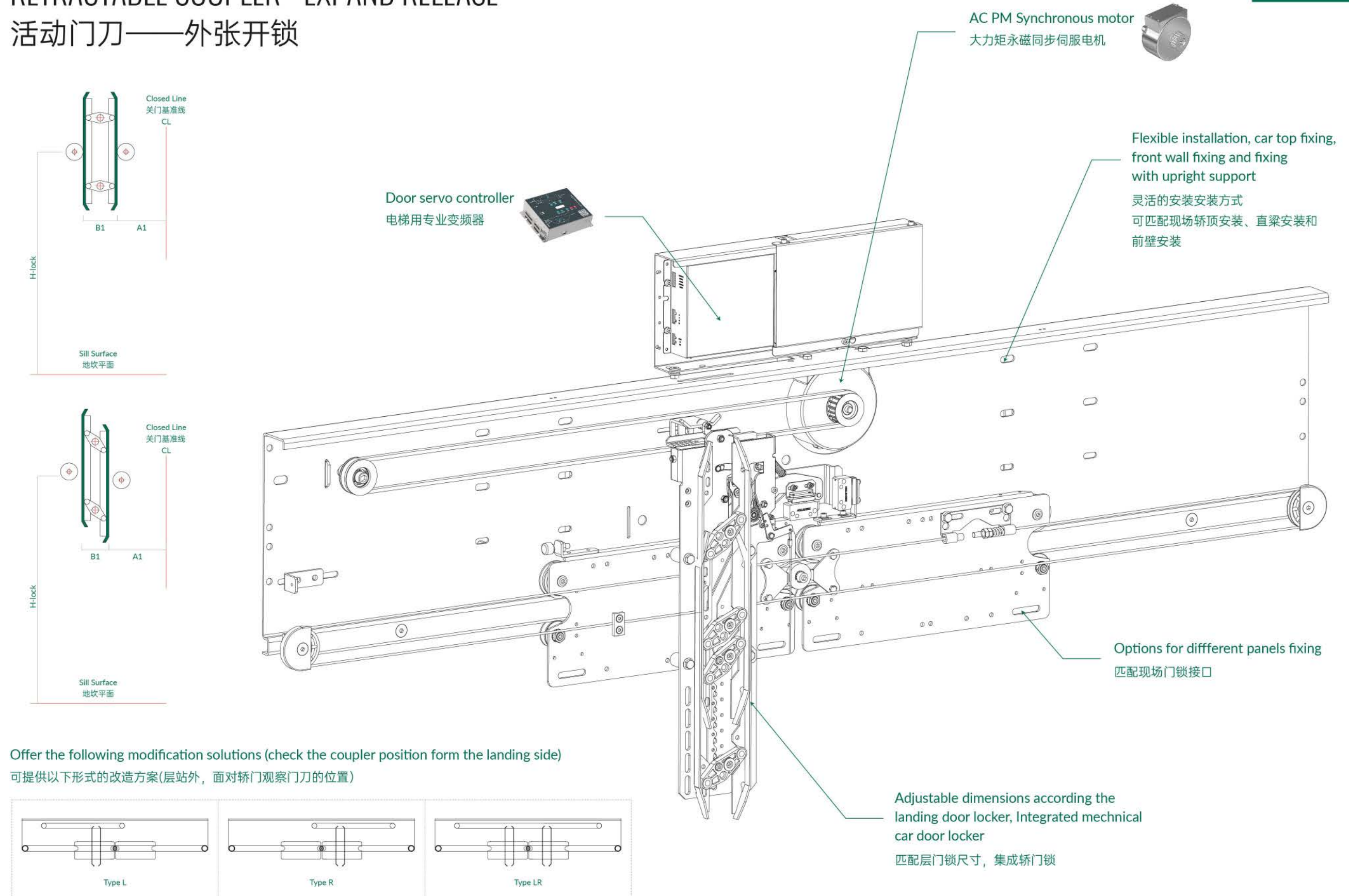
可提供以下形式的改造方案(层站外，面对轿门观察门刀的位置)





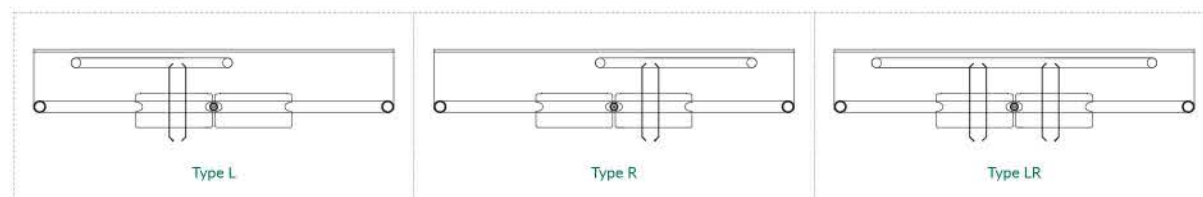
# RETRACTABLE COUPLER - EXPAND RELEASE

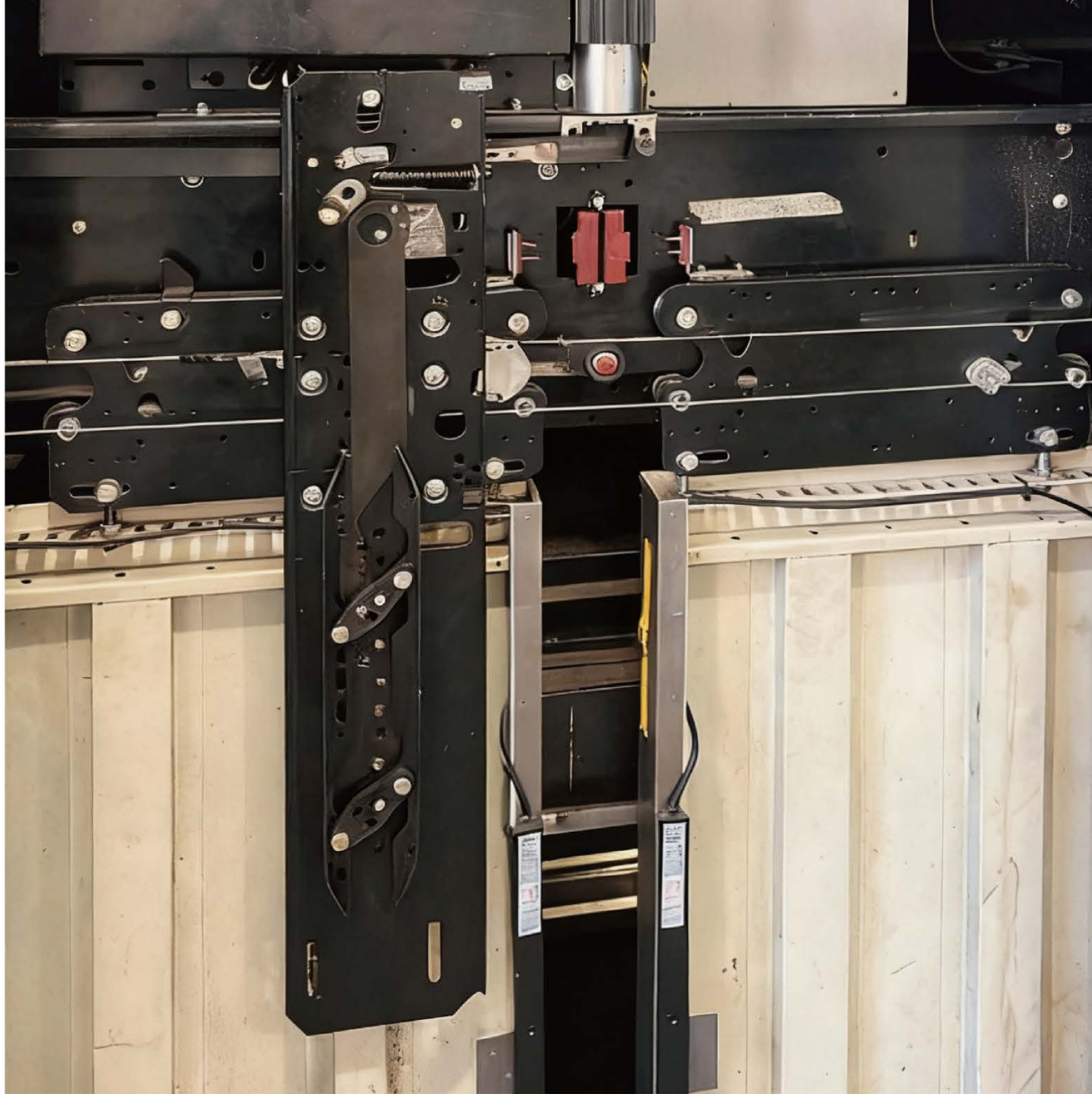
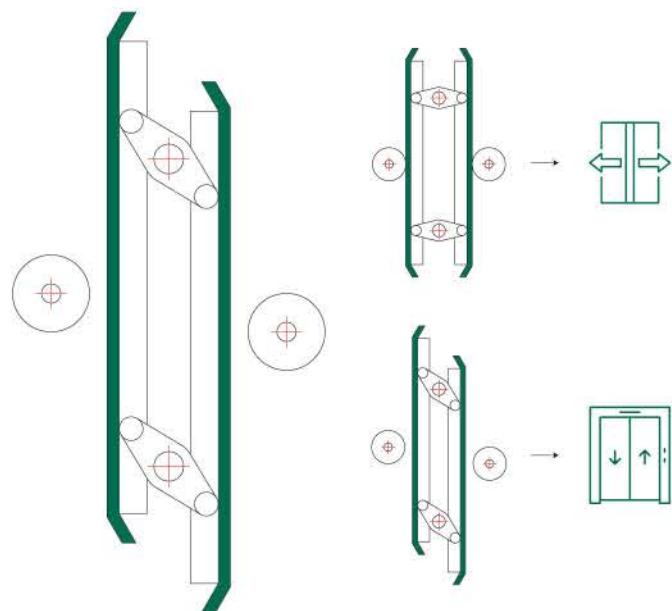
## 活动门刀——外张开锁



Offer the following modification solutions (check the coupler position form the landing side)

可提供以下形式的改造方案(层站外, 面对轿门观察门刀的位置)





# FIXED CAM 固定式门刀

Door servo controller  
电梯用专业变频器

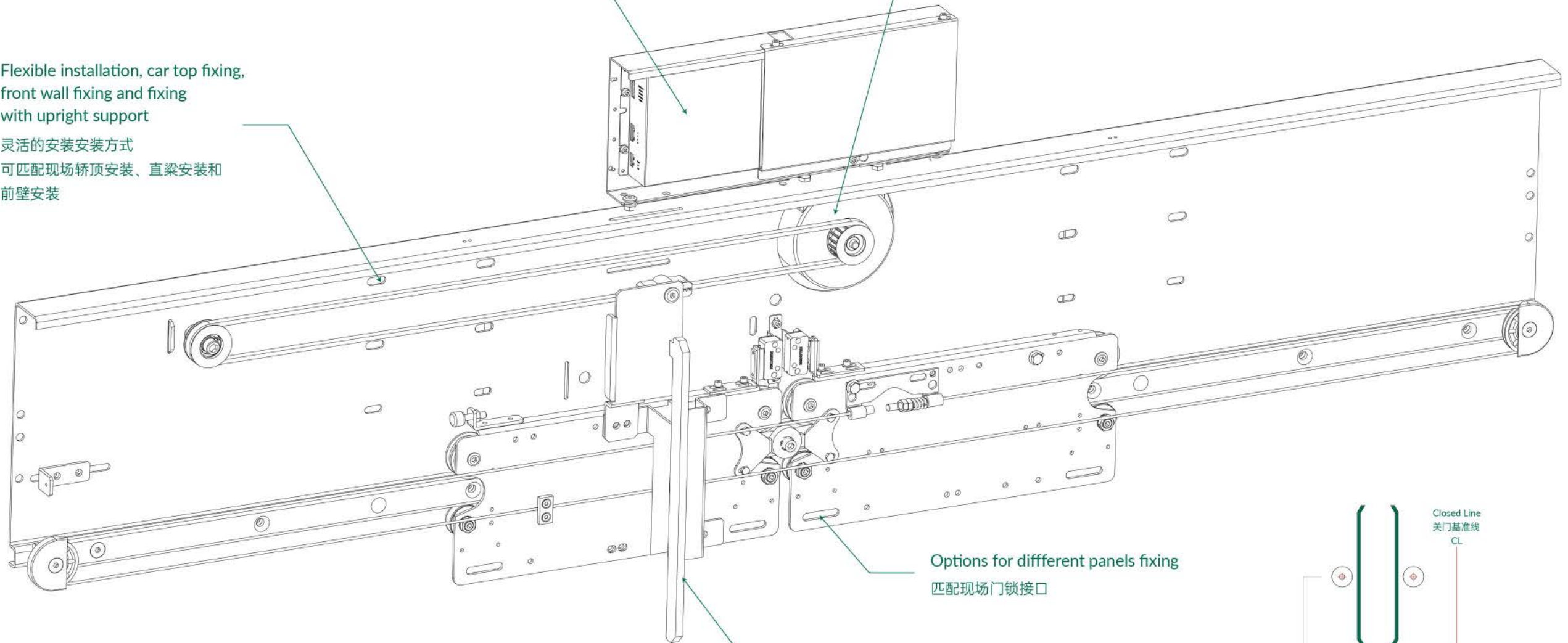


AC PM Synchronous motor  
大力矩永磁同步伺服电机



Flexible installation, car top fixing,  
front wall fixing and fixing  
with upright support

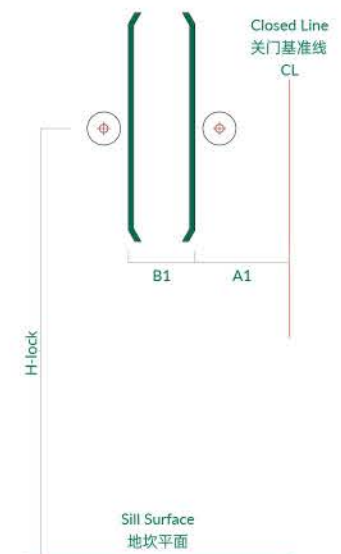
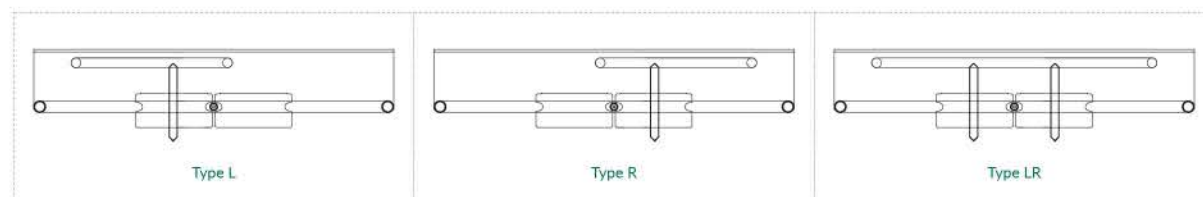
灵活的安装方式  
可匹配现场轿顶安装、直梁安装和  
前壁安装

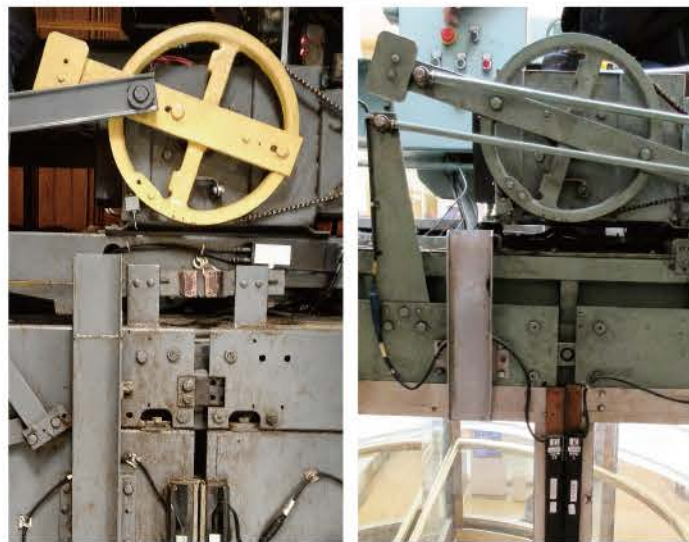
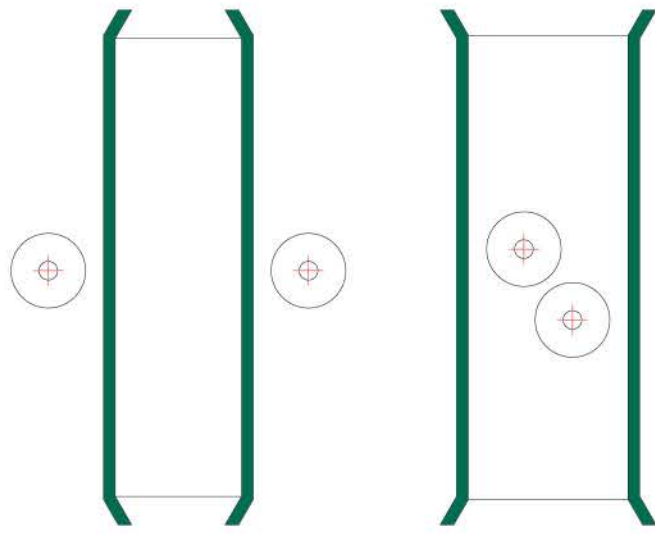


Options for different panels fixing  
匹配现场门锁接口

Adjustable dimensions according to  
landing door locker  
匹配层门锁尺寸

Offer the following modification solutions (check the coupler position form the landing side)  
可提供以下形式的改造方案(层站外, 面对轿门观察门刀的位置)





# DOOR DRIVE RENOVATION

## 门驱动的更新

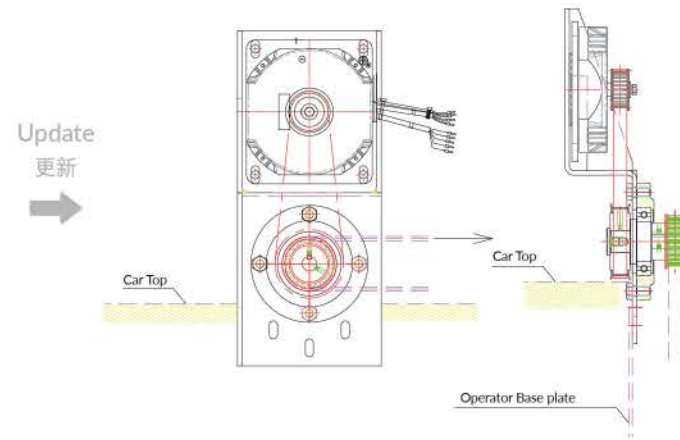
We offer the solution to update the door motor and controller only. Our door drive kits are compatible with existing door mechanical parts.

我们提供仅升级门电机和控制器的方案。我们的驱动组件可以适配原有门机械部件。

door controller with AC geared motor  
门控制器带交流齿轮电机



AC PM Synchronous Motor with belt driven  
交流永磁同步电机带皮带驱动



Description / 说明

AC Geared motor replaced by the AC PMS Motor with teeth belt reduction, The new kits fixed in the same holes of the old device.

交流齿轮电机被交流永磁同步电机带同步带减速替换；新的组件固定在原有装置的固定孔上。

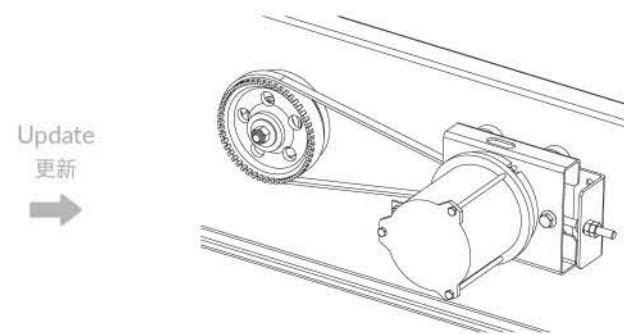
VF door controller with AC Asynchronous motor, with Poly V belt Reduction, encoder is same shaft with driven pulley

变频门机带异步电机，V型带减速，编码器与门机驱动轮同轴



The new door controller with latest drive technology, New AC motor and encoder

带有最新驱动技术的新型门控制器，新的电机和编码器



Description / 说明

New motor with adopt kits, can fix with the old hole.

新电机带有安装适配件，可安装与原有的孔上。

DC motor with gearbox and Door controller  
直流减速电机和门控制器



BLDC motor with more pulse encoder  
new door controller with more functions,  
integrated with the adjust buttons and display  
带有更多脉冲的无刷电机，更多功能的门控制器，  
集成调试的按键和显示

Update  
更新



Update  
更新



Description / 说明

The new motor can be installed directly in the original hole.

The door can be set directly through the button on the controller, without external tools.

新电机可直接安装在原有的孔上，门的参数设置可直接通过门控制器上的按键完成，无需专门的调试工具。

# DOOR SPARE PARTS

## 门备件

### Door Rollers / 门滚轮



### Locker Rollers / 门球



### Rope Roller / 绳轮



### Door Motor And Controller / 门电机和控制器



### Door Shoes / 门滑块



### Door Switches / 门开关



### Accessories / 附件

