

**HINAKA**  
FLUID POWER

## **BPT系列打刀缸修理包使用教學** BPT series booster cylinder repair kits instructions

20220321 / 編輯人：林威 / 負責人：林威 / 校核：林清富、陳薪安



HINAKA  
FLUID  
POWER

- 注意事項 Precautions
- 結構介紹 Structure introduction
- 修理包內容 Repair kit contents
- 更換須知 Replacement notice



# 注意事項

Precautions

## 注意事項 Precautions

- 請參考圖面及影片安裝施工。

Please refer to the drawings and videos for installation and construction.

- 請確認密封件安裝位置及方向。

Please confirm the installation position and direction of the seals.

- 鋁管安裝時需確認是否緊密。

When installing the aluminum pipe, it is necessary to confirm whether it is tight.

- 導氣管安裝時需下壓緊密。

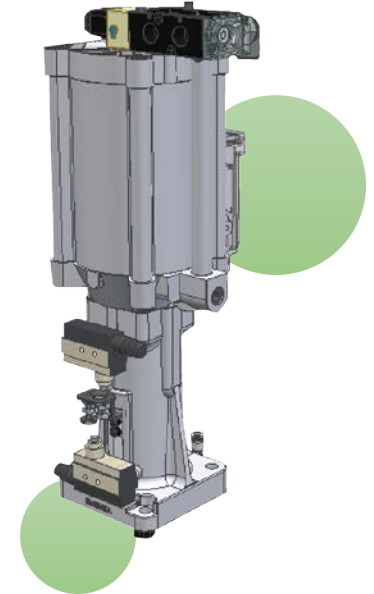
When installing the air pipe, it needs to be pressed down tightly.

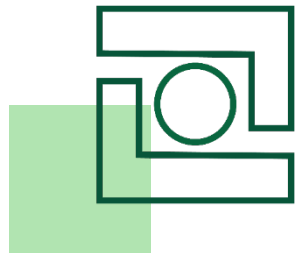
- 背托環若變形請勿使用。

Do not use if the backup ring is deformed.

- 安裝時注意中間蓋進氣孔與後蓋進氣孔是否垂直對齊。

When installing, pay attention to whether the air inlet hole of the middle cover is vertically aligned with the air inlet hole of the rear cover.





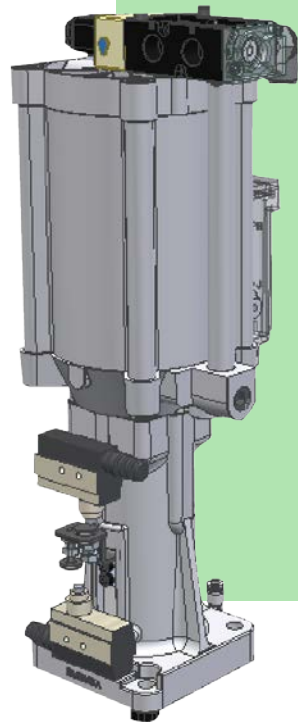
結構介紹

Structure introduction

HINAKA  
FLUID  
POWER

## 結構介紹

Structure introduction



中日增壓缸

### BPT系列

HINAKA Booster Cylinder – BPT series

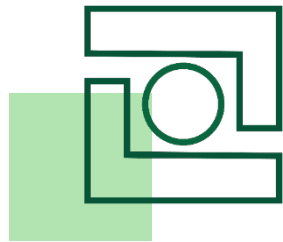
後蓋  
Rear Cover

後段缸體  
Rear Cylinder

中間蓋  
Middle Cover

前段缸體  
Front Cylinder

吹氣軸承環  
Air blow bearing



# 修理包內容

Repair kit contents

## 修理包內容

Repair kit contents

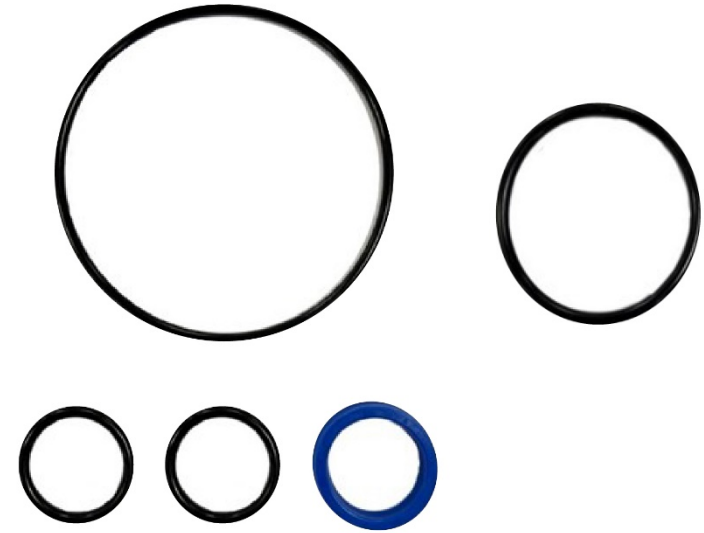
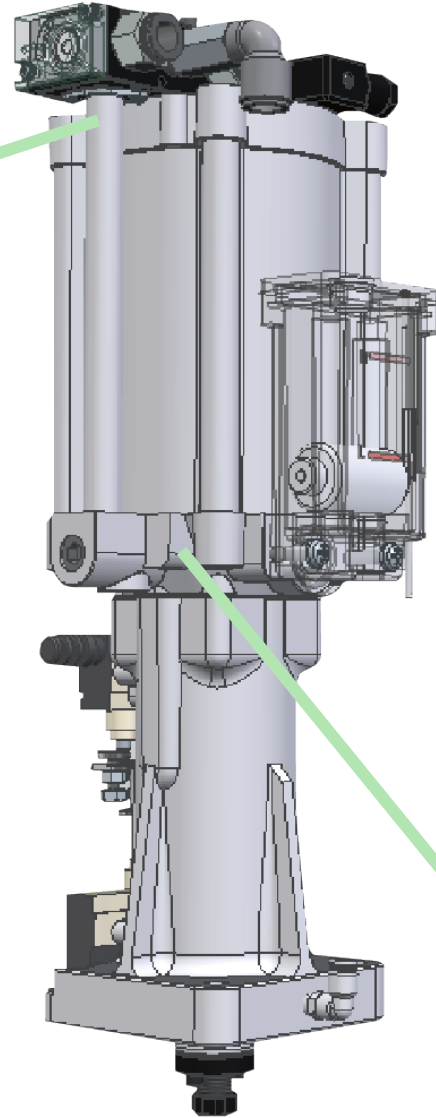
### 後蓋密封件更換組合

Rear cover seals replacement set



O型圈G95x1, 緩衝環x1, 緩衝卡環x1

O-Ring G95x1, buffer ringx1, buffer snap ringx1



O型圈G95 x1, U型環 x1, O型圈G45 x1,  
O型圈P16 90度 x2,  
O-ring G95x1, U-ring x1, O-ring G45x1,  
O-ring P16 90° x2

### 中間蓋密封件更換組合

Middle cover seals replacement set



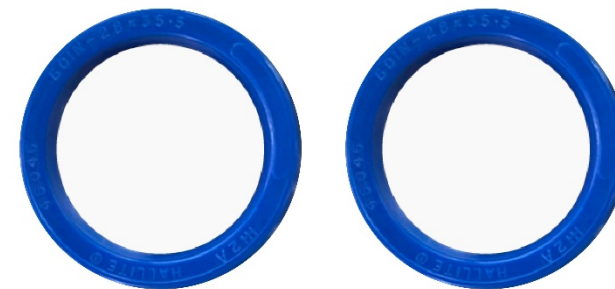
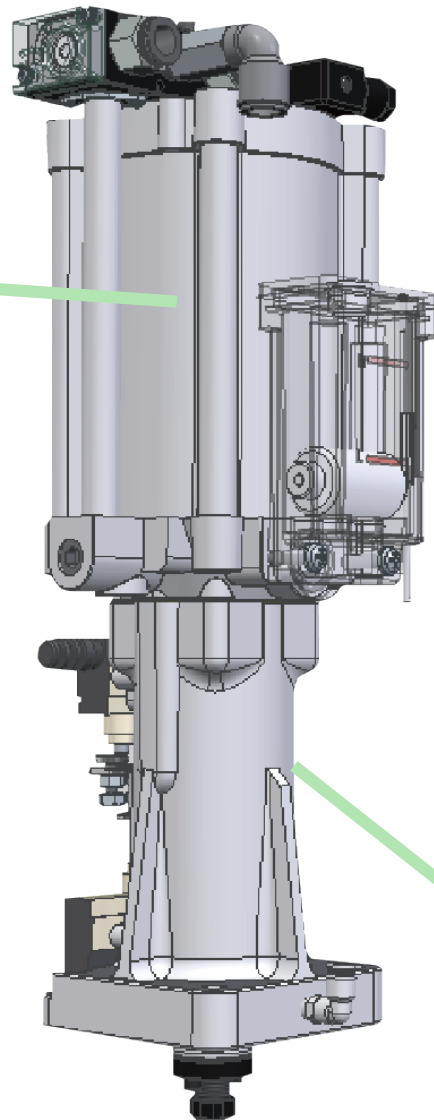
# 修理包內容

Repair kit contents

**後段活塞**密封件更換組合  
Rear piston seals replacement set



8字環100x1  
8 type ring 100x1

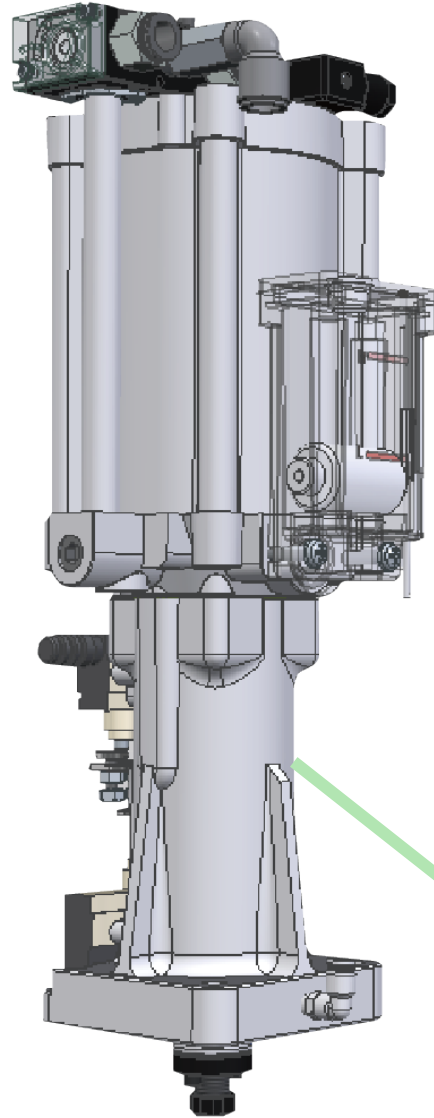


U型環 x1  
U-ring x2

**油腔內活塞**密封件更換組合  
Front piston seals replacement set

# 修理包內容

Repair kit contents



套筒(原有內容物)  
Sleeve(original content)

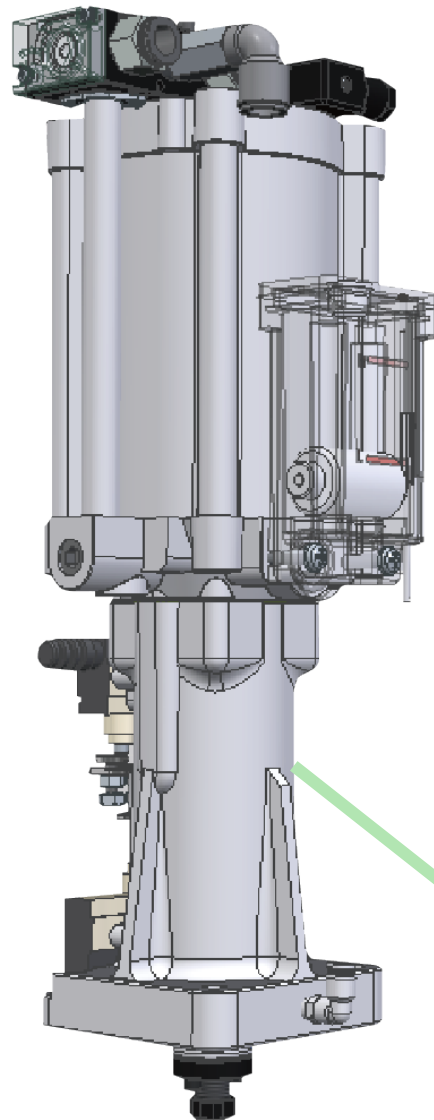


O型環 S-35 x1  
O-ring S-35 x1

**油腔內活塞**密封件更換組合  
Front piston seals replacement set

## 修理包內容

Repair kit contents

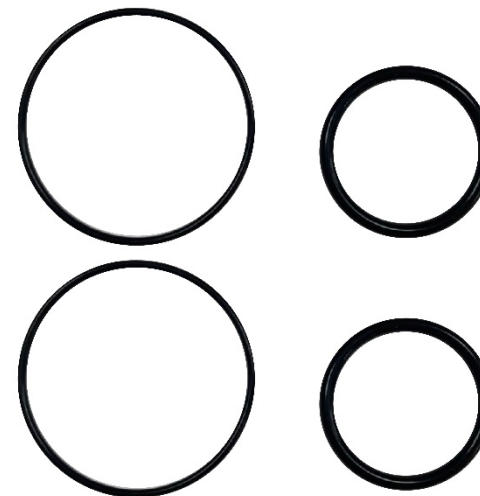
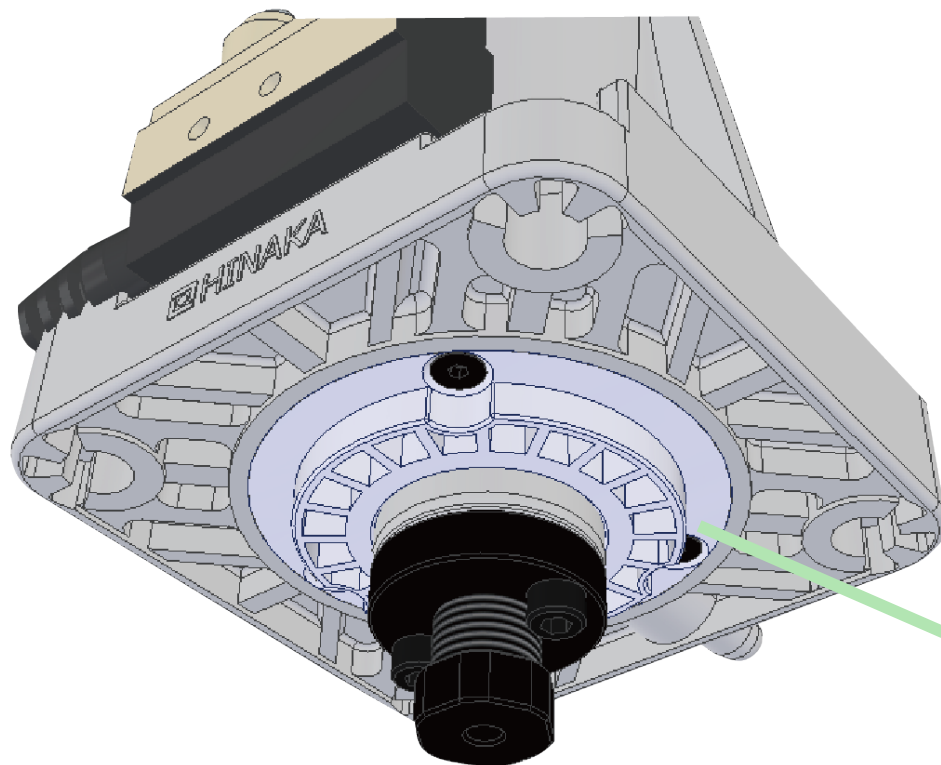


刮塵軸封環 RP-35 x1, O型圈 S-35 x1  
Seals RP-35 x1 , O-ring S-35 x1

**油腔內活塞**密封件更換組合  
Front piston seals replacement set

# 修理包內容

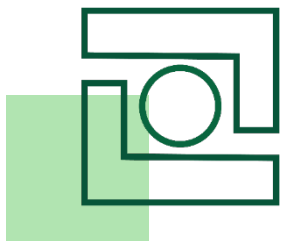
Repair kit contents



O型圈 S53 x2, O型圈 P-35 x2  
O-ring S53 x2, O-ring P-35x2

**吹氣軸承環**密封件更換組合

Air blow bearing seals replacement set



# 更換須知

Replacement notice

# 後蓋更換

## Rear cover replacement

後蓋

Rear  
Cover

中間蓋

Middle  
Cover

後段缸體

Rear Cylinder

前段缸體

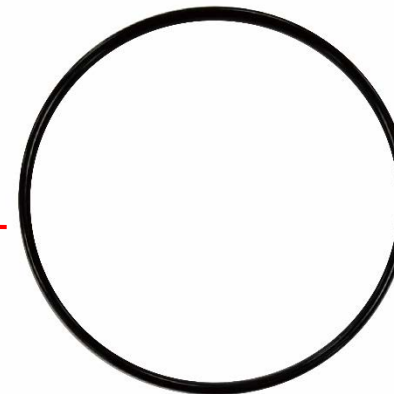
Front Cylinder

吹氣軸承環

Air blow bearing

最外圍安裝 - O型圈G95x1

Peripheral installation - O-ring G95x1

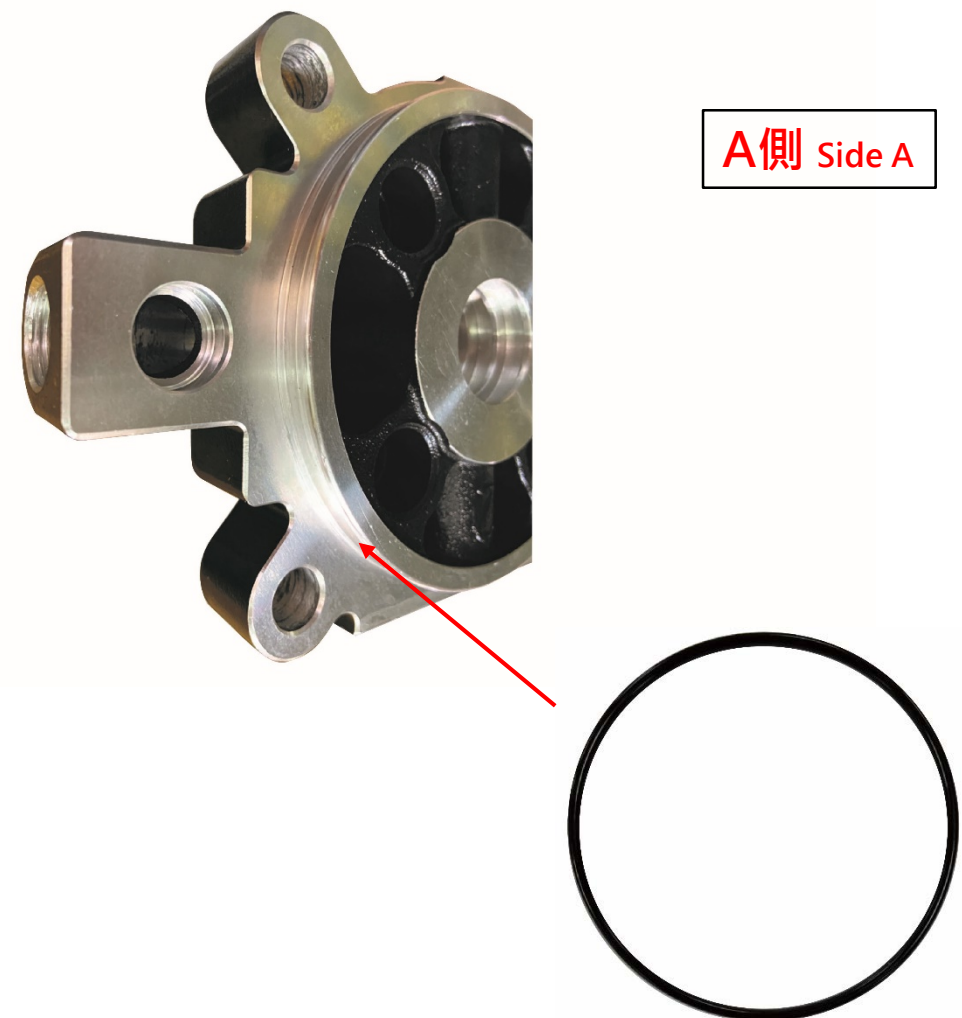
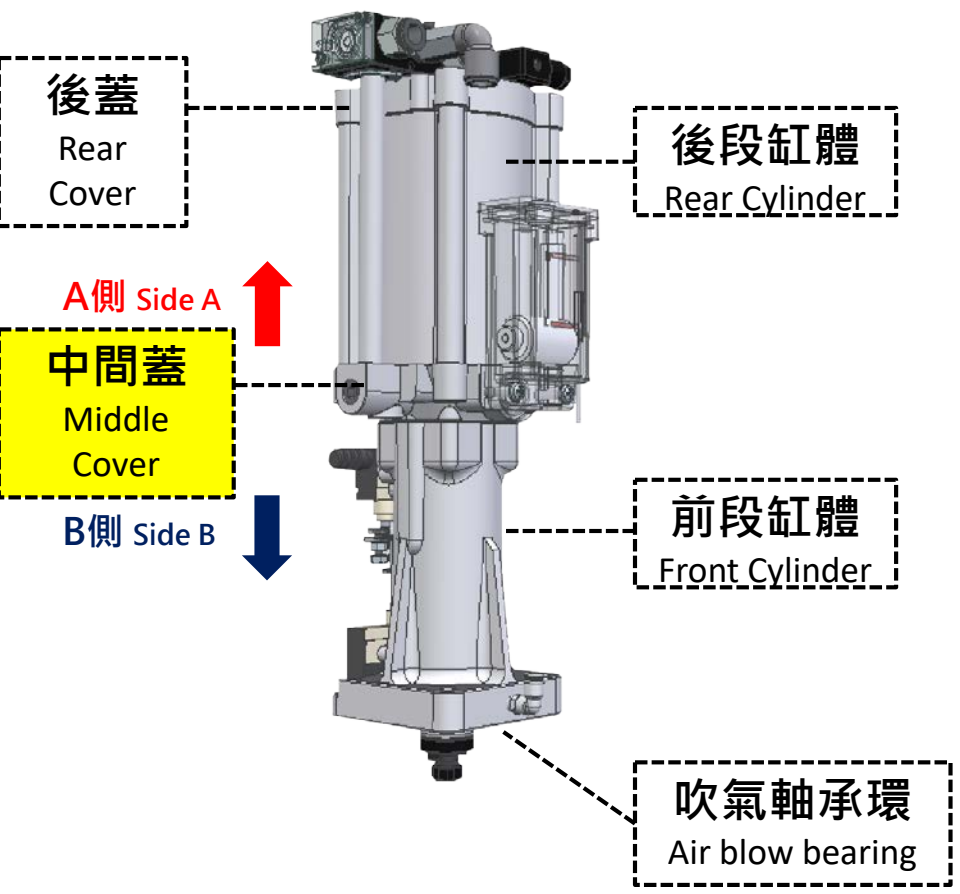


凸面朝上 - 緩衝環x1

Convex side up - buffer ring x1

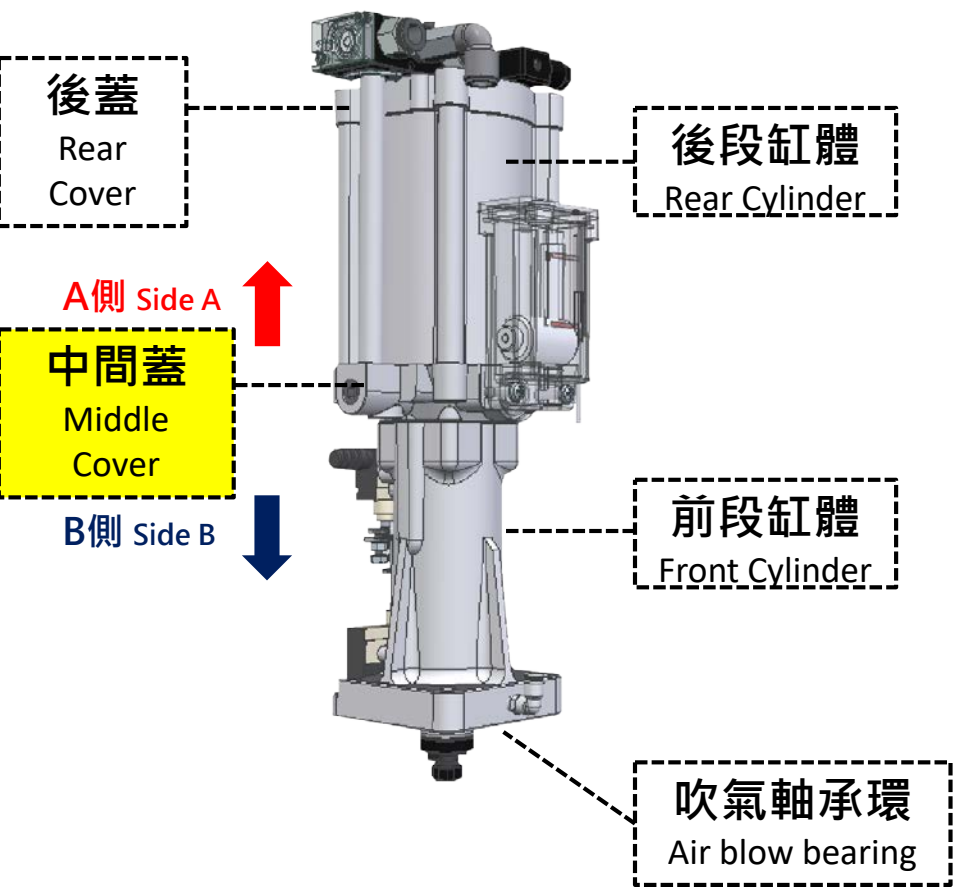
# 中間蓋更換

Middle cover replacement



最外圍安裝 - O型圈G95x1  
Peripheral installation - O-ring G95x1

# 中間蓋更換 Middle cover replacement



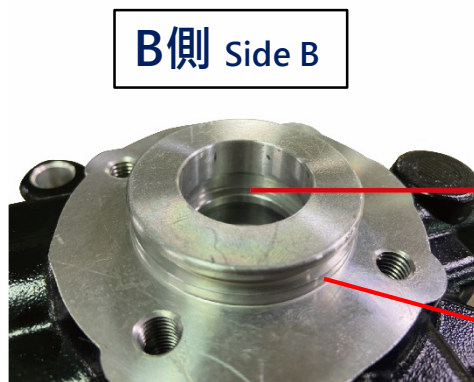
上層 upper chamber  
O型圈 P-16 90度x1  
O-ring P-16 90°

注意安裝順序  
Pay attention to the installation order



下層 lower chamber  
U型環x1  
U-ring x1

此面朝上(刻字面朝上溝槽面向下)  
This side up (Lettering surface up and groove surface down)



O型圈P-16 90度x1  
O-ring P-16 90° x1

注意安裝順序  
Pay attention to the installation order



O型圈G45 x1  
O-ring G45x1



# 前段油腔活塞更換

Rear piston replacement

後蓋  
Rear  
Cover

後段缸體  
Rear Cylinder

中間蓋  
Middle  
Cover

前段缸體  
Front Cylinder

吹氣軸承環  
Air blow bearing



注意方向  
Pay attention to the installation

U型環 x2  
U-ring x2

# 前段油腔活塞更換

Rear piston replacement

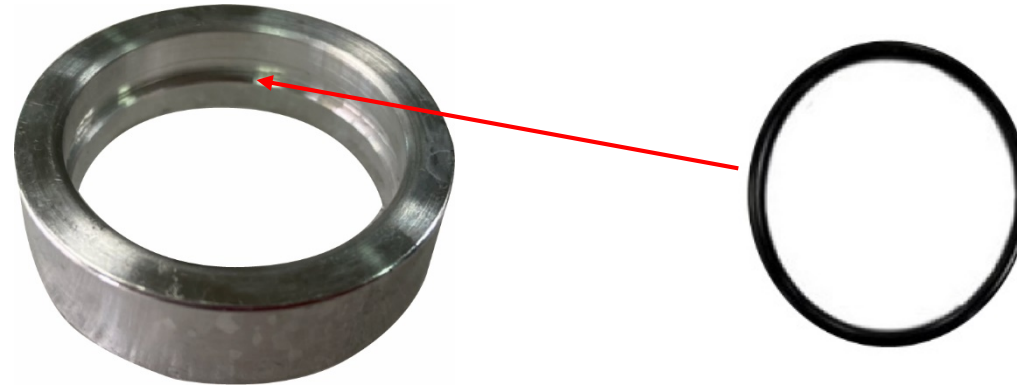
後蓋  
Rear  
Cover

後段缸體  
Rear Cylinder

中間蓋  
Middle  
Cover

前段缸體  
Front Cylinder

吹氣軸承環  
Air blow bearing



O型環 S-35 x1  
O-ring S-35 x1

# 前段油腔活塞更換

Rear piston replacement

後蓋

Rear  
Cover

後段缸體

Rear Cylinder

中間蓋

Middle  
Cover

前段缸體

Front Cylinder

吹氣軸承環

Air blow bearing



禿面朝上  
Uplift side towards the top

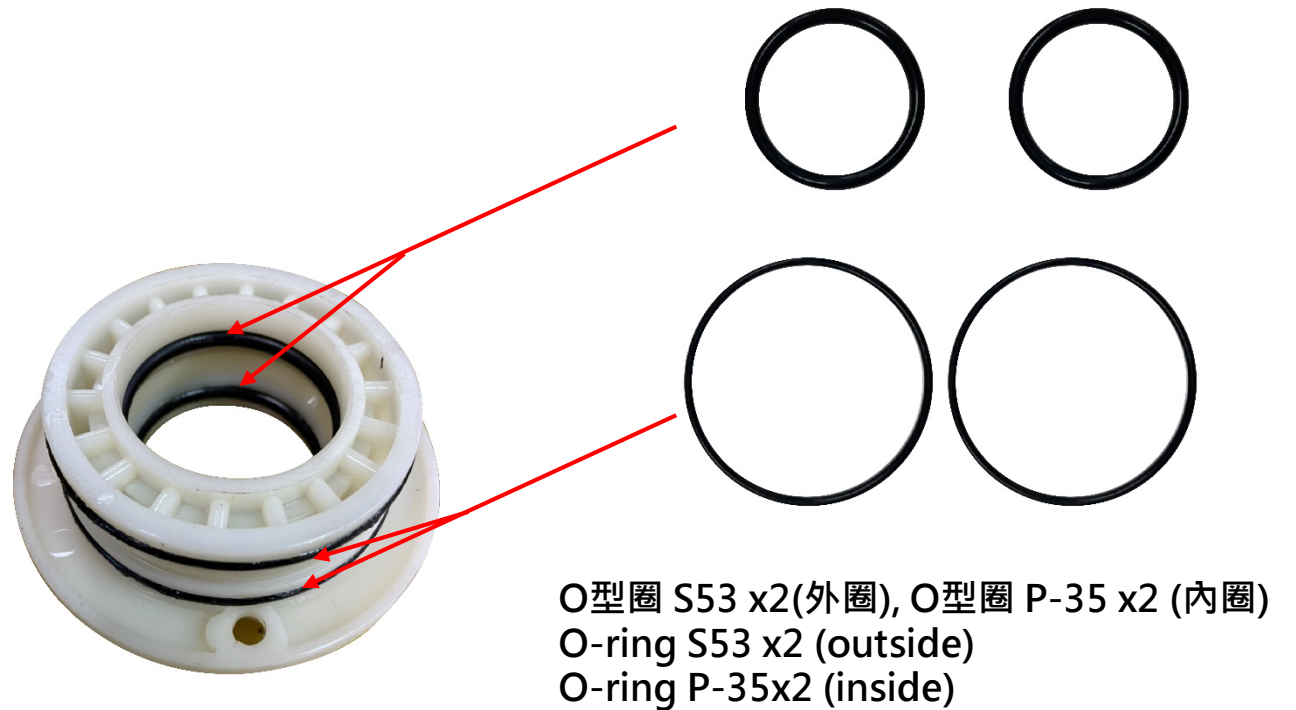
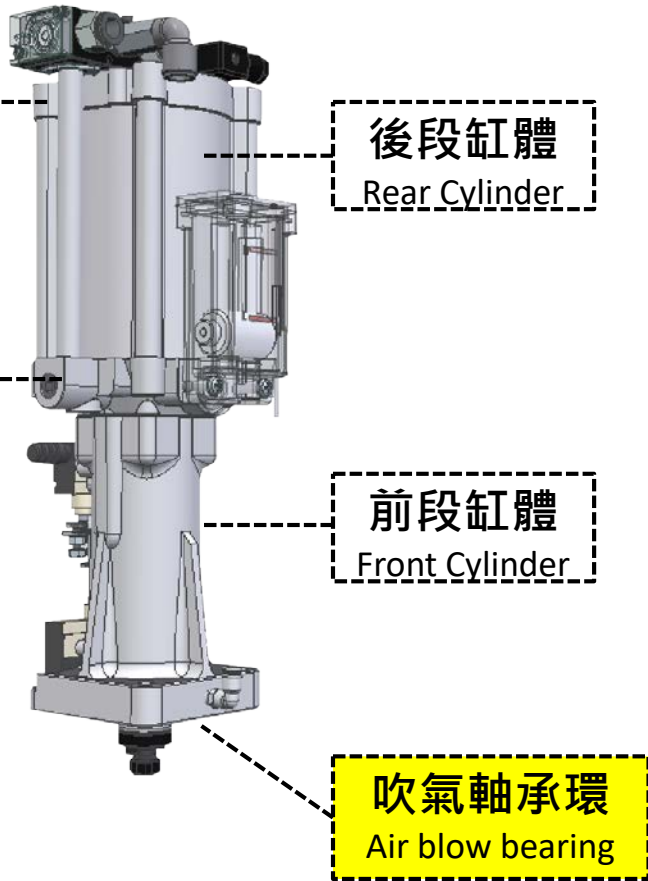
刮塵軸封環 RP-35 x1, O型圈 S-35 x1  
Seals RP-35 x1, O-ring S-35 x1



\*安裝方式密封圈面朝上  
Seals ring facing up when installing

# 後段活塞更換

Rear piston replacement



# 後段活塞更換

Rear piston replacement

後蓋

Rear  
Cover

中間蓋

Middle  
Cover

後段缸體

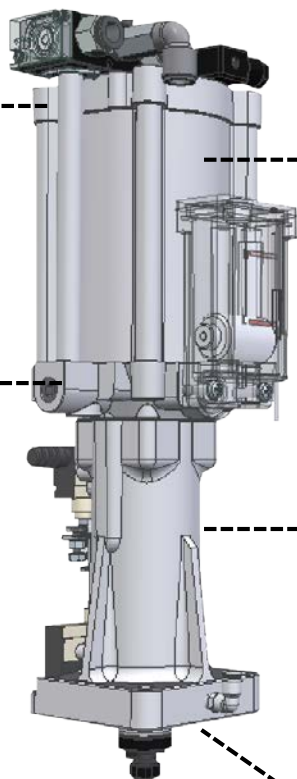
Rear Cylinder

前段缸體

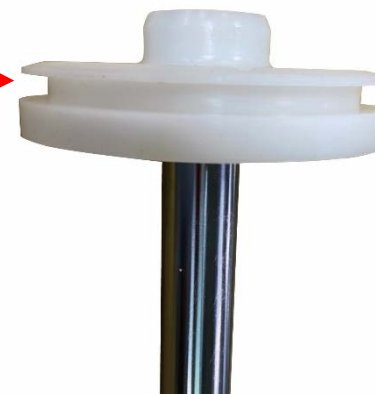
Front Cylinder

吹氣軸承環

Air blow bearing



安裝於後段活塞上 - 8字環100x1  
Installed on the rear piston - 8 type ring 100x1





感謝您的觀看  
Thanks for Your Listening