HCP-E 電子拖輪安裝手冊
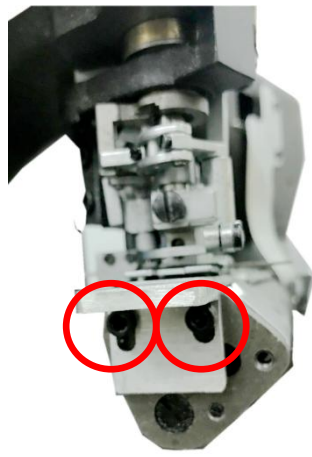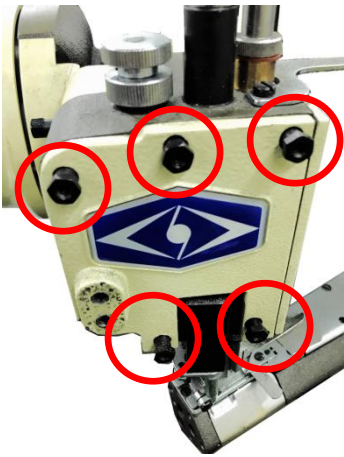## THE INSTRUCTION GUIDE BOOK
FOR COMPUTERIZED PULLER

安裝前,請詳細閱讀安裝說明書

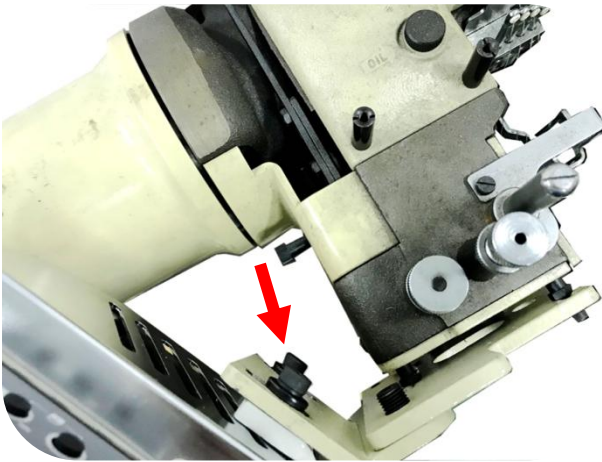PLEASE READ INSTRUCTIONS & ASSOCIATED DRAWINGS BEFORE INSTALLATION

HCP-E For 四針六線直驅式電子平車拖輪安裝說明

Computerized Puller With Direct-Driving Device installation Guide

1.鎖上螺絲

To lock the screws

2.鎖上螺絲(有兩顆)

To lock the screw (with two screws)
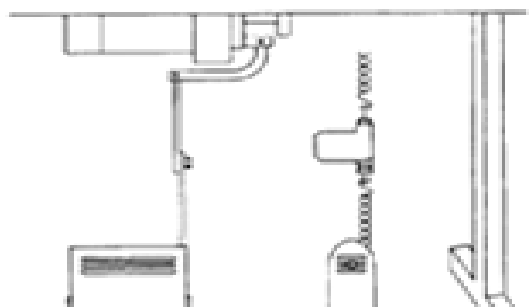

3.換上手輪

Put on the handwheel

4.安裝譯碼器

To install the translator
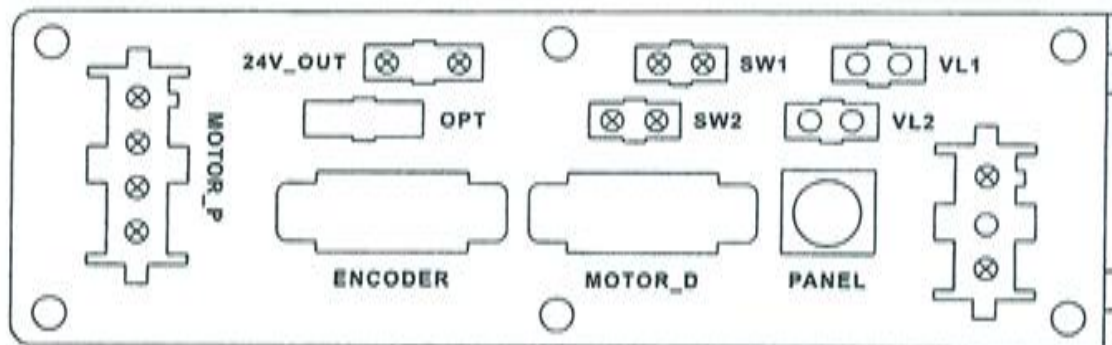

5. 安裝譯碼器固定架

To install the translator holder

6.安裝懸吊開關

To install a suspension microswitch

安裝說明書
USER INSTRUCTIONS
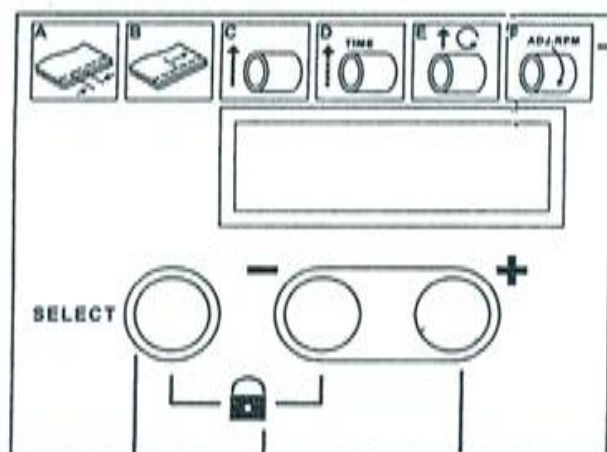
控制箱端口
PORT FOR CONTROL BOX

MOTOR_P	步進馬達電源 Stitch size
MOTOR_D	步進馬達編碼器 Encoder for stepping motor
ENCODER	主軸編碼器 Encoder for machine shaft
24V_OUT(紅)Red	抬升拖輪電磁鐵 Roller up solenoid
PANEL	控制面板 Control panel

SW_1(白)White	開關信號(倒縫壓桿用) Switch signal for back sewing bar
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VL_1(黑)Black	倒縫電磁鐵信號24V 24V signal for back sewing solenoid
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面板功能
PANEL FUNCTION

A. 針距設定 (0.1mm ~ 9.9mm)
Stitch size

B. 啟動針數設定 (0 ~ 99)
Start stitches before roller work

C. 停車抬滾輪動作 (0: 關閉 1: 剪線後 2: 停車與剪線後)
Roller up in sewing stop
(0:Close 1:After cutting 2:Stop and after cutting)

D. 停車抬滾輪延時 (0.1s ~ 9.9s)
Delay time for Roller up in sewing stop

E. 倒針滾輪動作 (0: 抬起 1: 倒轉)
Action of roller in back sewing
(0:Roller up 1:Roller reverse)

F. 滾輪速度微調 (0 ~ 9) defaul:5
Adjustment roller speed

SELECT

增減量調整
Reduce or plus
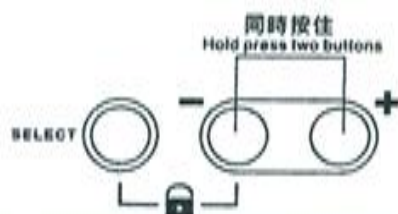
功能鎖定
Function lock

功能選擇/參數設定
Function select / Parameter

安裝說明書
USER INSTRUCTIONS

定位校正
ADJUSTMENT POSITION

❶ 關閉電源．
Power off.

❷ 同時按壓減量鍵和增量鍵後開啟電源．
Hold press reduce and plus then power on.

同時按住
Hold press two buttons

SELECT — +

❸ 固定好主軸編碼器並確認無晃動．
Fasten encoder for shaft then confirm not have sway.

❹ 放鬆手輪與聯軸器之間的螺絲．
Loose screw between hand wheel and coupling.

❺ 轉動手輪使縫紉機處於送料起始狀態．
Rotation hand wheel until feeding mechanical in start position.

❻ 縫紉機維持送料起始狀態下,旋轉主軸編碼器
直到控制面板顯示0000．
Hold feeding mechanical in start position then rotation encoder
,until panel show to "0000".

❼ 鎖緊手輪與聯軸器之間的螺絲．
Lock screw between hand wheel and coupling.

面板功能鎖定
LOCK FOR PANEL FUNCTION

❶ 關閉電源．
Power off.

❷ 同時按壓功能選擇鍵和減量鍵後開啟電源．
Hold press SELECT and reduce then power on.

同時按住
Hold press two buttons

SELECT — +

❸ 當控制面板顯示ON,代表功能已鎖定．
When panel show to "ON", function already to locked.

❹ 鎖定時,功能BCDE為不可調整狀態．
In lock situation, function BCDE can not adjustment.

鎖定的範圍
Locked range

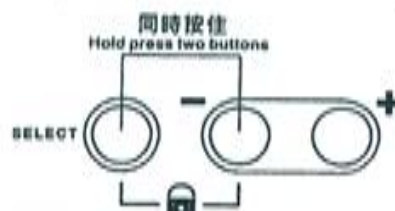### 使用前的參數確認
ATTENTION BEFORE USE

❶ 拖輪直徑 (參數01可調整,出廠預設55mm)
Diameter for roller(Adjustment from parameter"01", default value:55mm)

❷ 主軸旋轉方向 (參數04可調整, 出廠預設平縫機方向)
Rotation direction(Adjustment from parameter"04")

❸ 傳動比例 (參數13可調整,出廠預設1:1)
Drive scale(Adjustment from parameter"13", default value: 1:1)

❹ 針距設定 (面板功能A可調整,出廠預設3.5mm)
Sewing stitch(Adjustment from function"A"on panel, default value:3.5mm)

滾輪速度微調
ADJUSTMENT ROLLER SPEED

❶ 使用面板功能 ,確實調整針距與縫紉機符合．

Use and confirm sewing stitch is correct.

❷ 在拖動效果不理想的情況下,可使用功能 來微調滾輪速度．

If drag effect is not good, use to adjustment roller speed.

HCP-E 電子拖輪安裝手冊
THE INSTRUCTION GUIDE BOOK
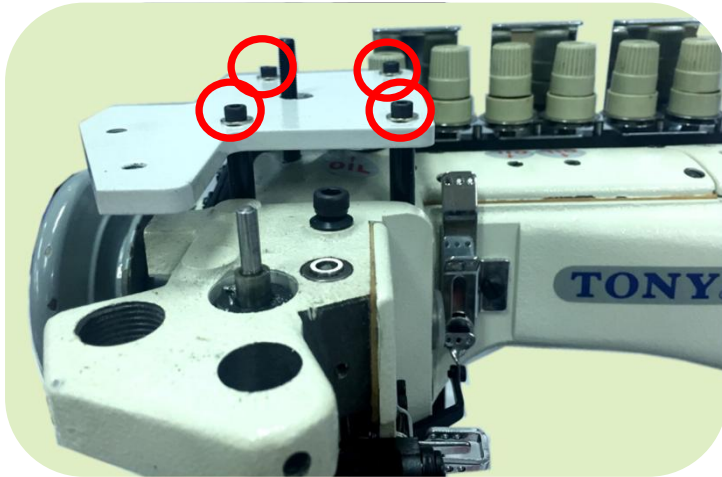## FOR COMPUTERIZED PULLER
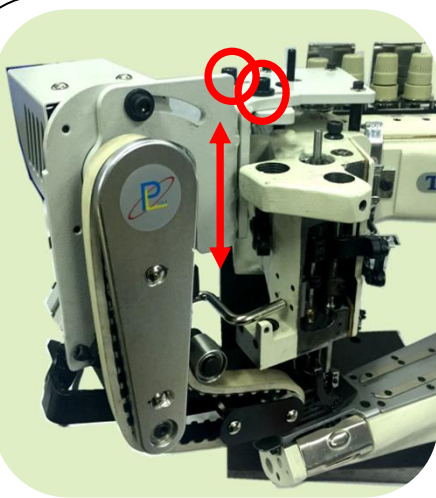

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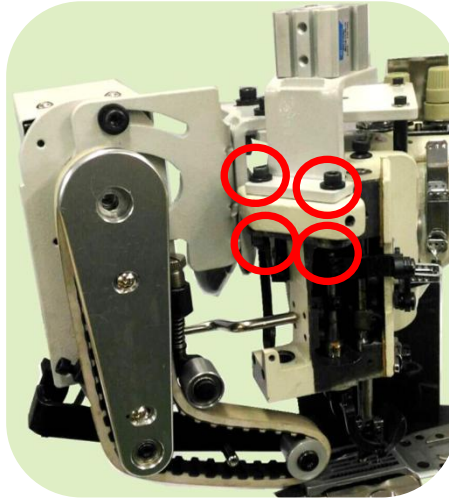
HCP-E For35800 直驅式電子平車拖輪安裝說明

Computerized Puller With Direct-Driving Device installation

1.鎖上螺絲並固定支架
Lock the screws and fix the bracket

2.裝上拖輪,箭頭處可上下調整
Install the pullerl, the arrow can be adjusted up and down.

3.裝上輔助抬押腳
Install auxiliary lift foot

4.選擇適合的螺絲
Select the appropriate screws

5.安裝譯碼器
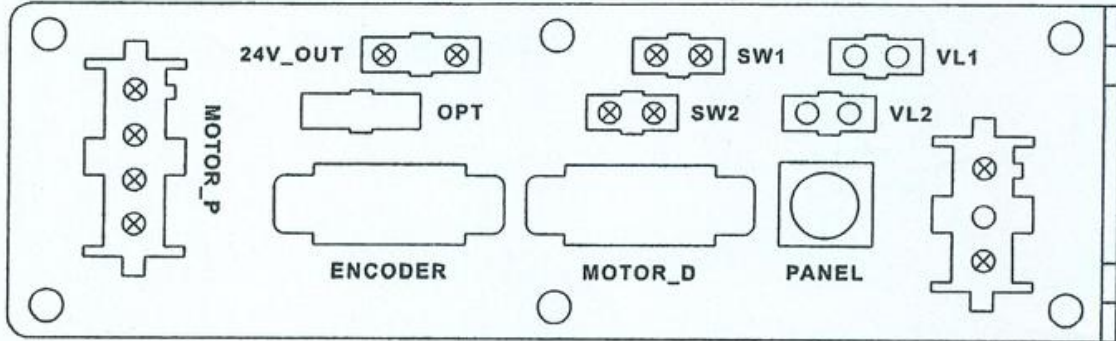Install the translator

6. 安裝譯碼器固定架
Install the translator holder

7.安裝氣動懸吊開關
Install a pneumatic suspension switch

安裝說明書
USER INSTRUCTIONS
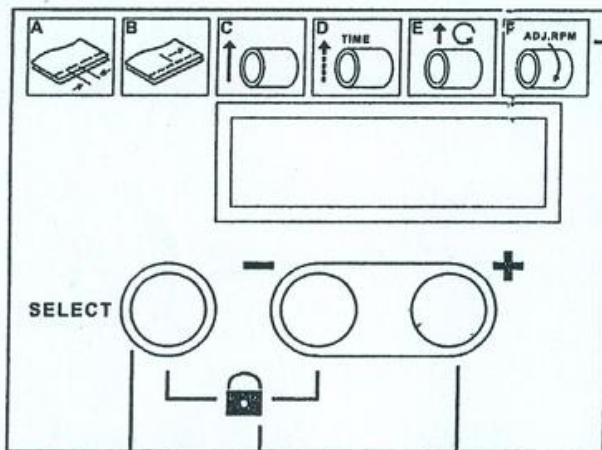
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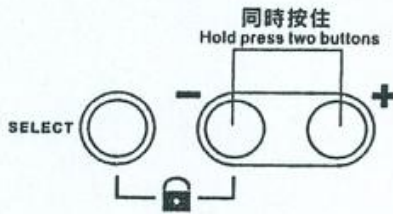
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功能選擇/參數設定
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❶ 關閉電源．
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Hold feeding mechanical in start position then rotation encoder
,until panel show to "0000" .

❼ 鎖緊手輪與聯軸器之間的螺絲．
Lock screw between hand wheel and coupling.

面板功能鎖定
LOCK FOR PANEL FUNCTION

❶ 關閉電源．
Power off.

❷ 同時按壓功能選擇鍵和減量鍵後開啟電源．
Hold press SELECT and reduce then power on.

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