# Top Studio Detail Master

## 1/12 Chain Set 7 RS250RW

www.topstudiohobby.com

**FOR HASEGAWA RS250RW TD23069**

💧 使用快幹膠 Using CA glue

⊗ 不要使用快幹膠粘接 No need to cement

🖊 使用粘紙用的普通膠水，暫時固定零件，之後可用水洗掉。
Using adhesive for paper to fix the parts temporary

### 金屬部件 Metal Parts

| | | |
|---|---|---|
| 1 | ⬡ | ×4 |
| 2 | 🔩 | ×4 |
| 3 | ▭ | ×150 |
| 4 | ▭ | ×1 |
| 5 | 0.5mm 錫線 0.5mm solder line | ×1 |
| 6 | 1.0mm 錫線 1.0mm solder line | ×1 |

蝕刻片 A × 1
**Photo-etched plate A × 1**

1/12 CHAIN SET FOR RS250RW TD23069
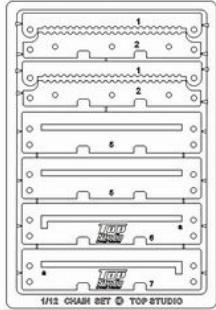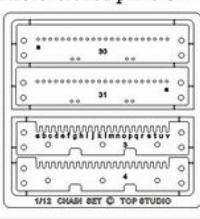
蝕刻片 B1 × 1 Photo-etched plate B1 × 1

TOP STUDIO CHAIN SET B1  C3:003
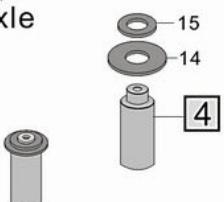
蝕刻片 B2 × 1 Photo-etched plate B2 × 1

TOP STUDIO CHAIN SET B2  C3:006
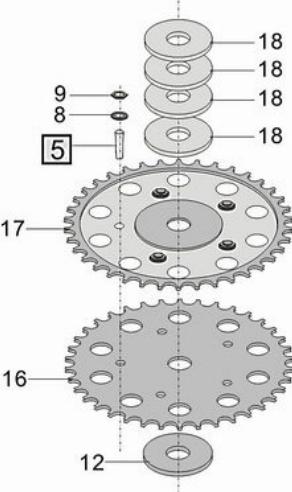
蝕刻片 D × 1  Photo-etched plate D × 1

1/12 CHAIN SET © TOP STUDIO

蝕刻片 C × 1
**Photo-etched plate C × 1**

1/12 CHAIN SET © TOP STUDIO
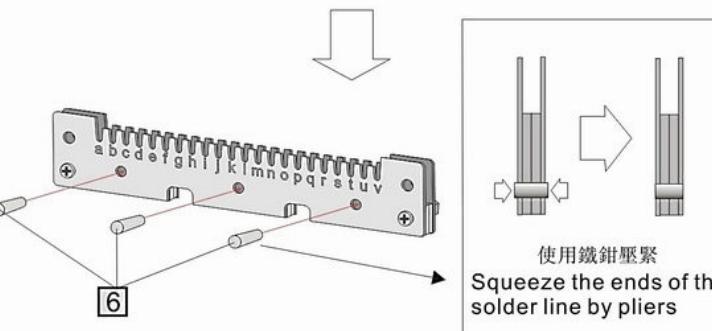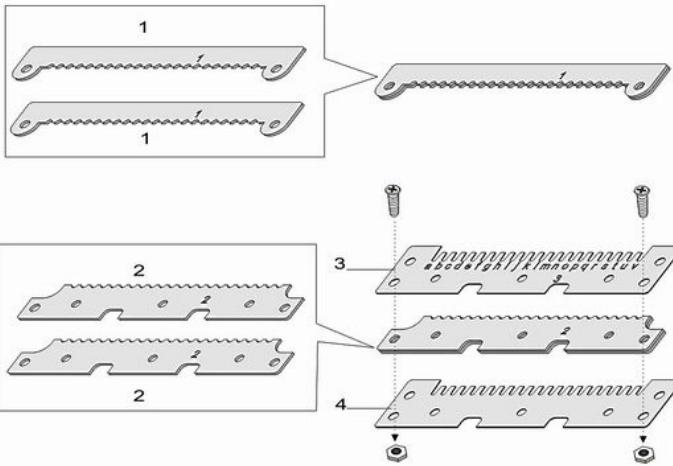
### 1 💧 小齒輪和軸 Small Gear and Axle

軸 Axle — 15, 14, 4

小齒輪 Small Gear — 10, 10, 11

### 2 💧 大齒輪 Large Gear

18, 18, 18, 18
9, 8
5
17
16
12

### 3 💧 組合工具 Assembly Tool

1, 1, 1

2, 2, 2

3
4

使用鐵鉗壓緊
Squeeze the ends of the solder line by pliers

6
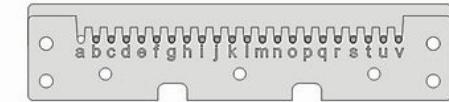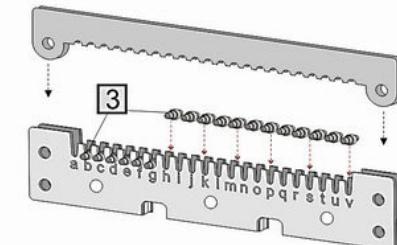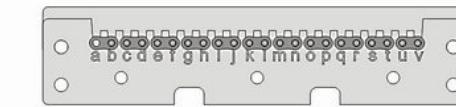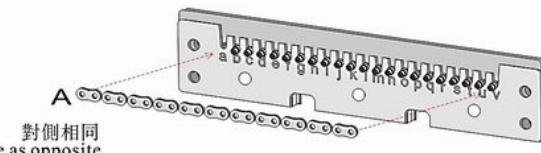
### 4 ⊗ 制作鏈條 Chain building

從b開始把 3 放進工具，注意不要放進a.
Place the part 3 onto the assembly tool, starting from postion b (not a) to position v

3
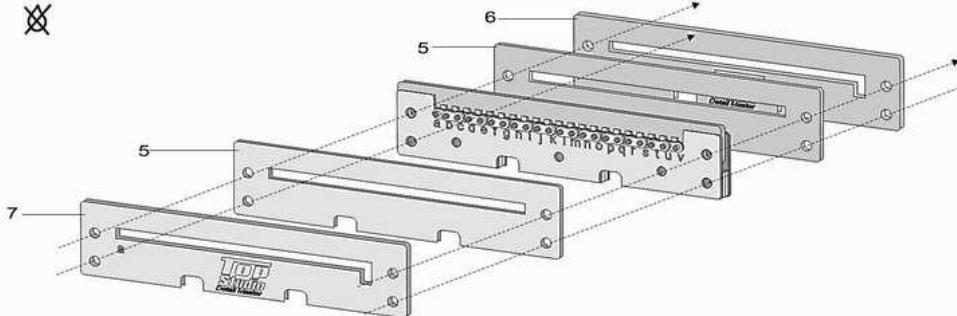
### 5 ⊗ 制作鏈條 Chain building

A  B

注意A，B的孔有差別，不要混淆使用。
Attention: Don't mix up with A and B, the size of the middle holes are different

A

對側相同
Same as opposite

### 6 ⊗ 制作鏈條 Chain building

B

對側相同
Same as opposite

**➐** ✄

6

5

5

7

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**➑** ✄

Place the part B here

B

31

30

1

2

B

B

a

a

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**➒**
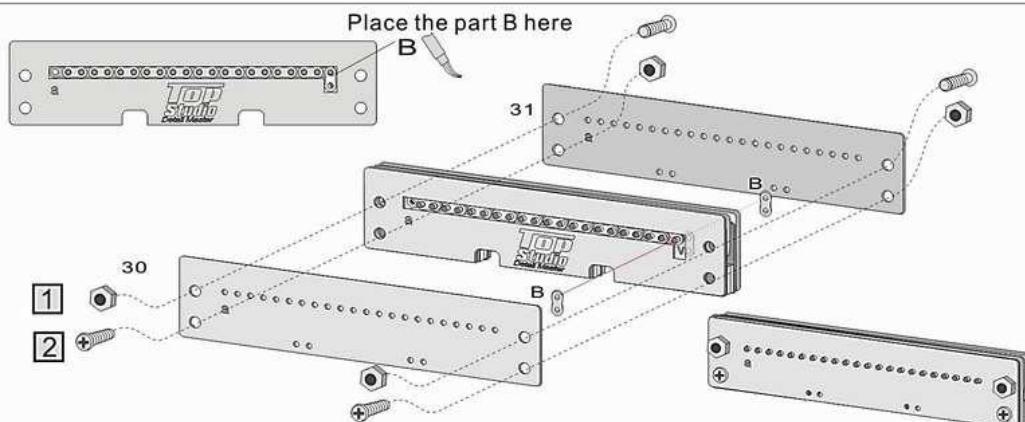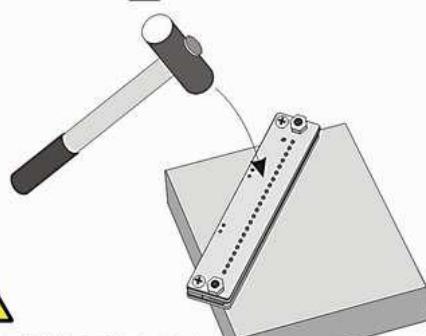
使用小鐵錘敲打 3 使鏈條固定。
Use a small hammer to strike part 3 with light force
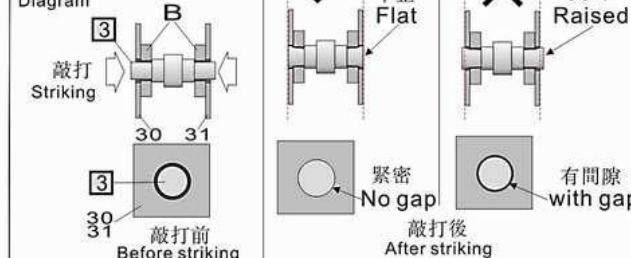
⚠ 注意:敲打不能太用力，這是製作的關鍵。
Attention: striking it gently with patience is the key

墊低的材料最好使用平整鋼材，如果找不到合適的材料，可使用鐵鉗代替。
Use a flat metal base to support. If no metal base found, use the flat surface of the piler as base instead.

示意圖
Diagram

B

3

敲打
Striking

3

30    31

3

30
31

敲打前
Before striking

✓ 平整
Flat

✗ 突出
Raised

緊密
No gap

有間隙
with gap

敲打後
After striking

敲打後拆開30，31，用鑷子檢查B是否牢固，如有鬆散按下圖處理。
Remove 30, 31 after striking then check the chain is tight enough.

| 鬆脫現象
If chain is Loose | 解決辦法
Solution |
| --- | --- |
| 大部分鬆脫
Most parts are loose | 重復步驟 ➑➒
repeat the step ➑➒ |
| 個別鬆脫
Some parts are loose | 拆開30或31輕輕敲打 3
remove 30 or 31 and tap 3
敲打
Striking
30or31
30or31 |
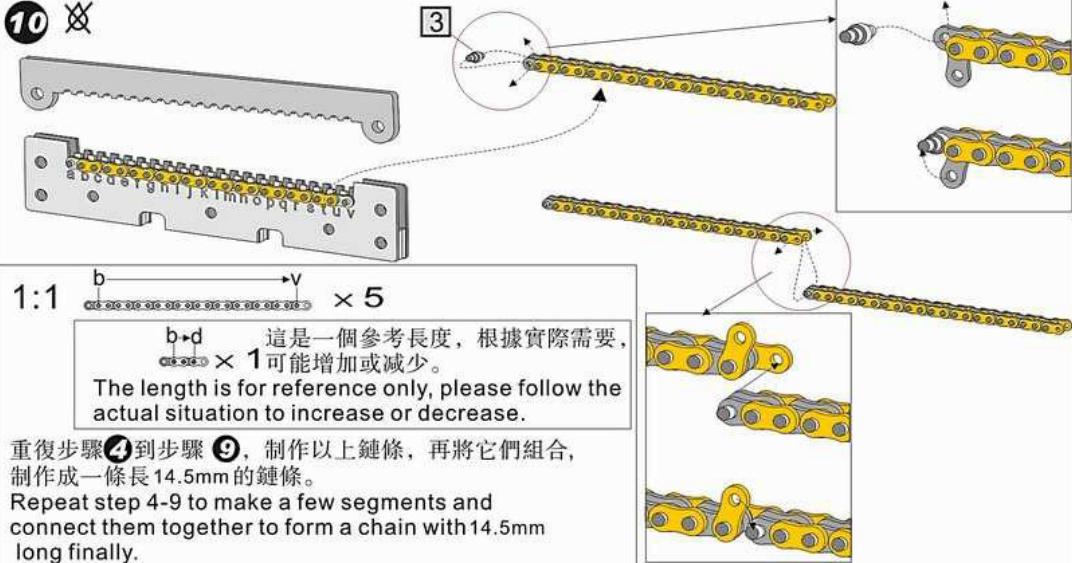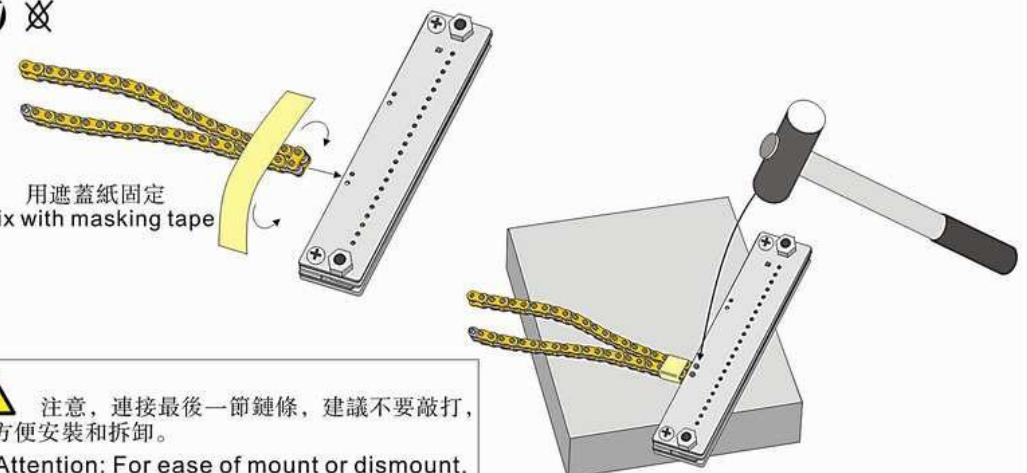
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**➓** ✄

3

1:1    b ⟶ v   × 5

b→d
× 1    這是一個參考長度，根據實際需要，可能增加或減少。
The length is for reference only, please follow the actual situation to increase or decrease.

重復步驟 ➍ 到步驟 ➒，制作以上鏈條，再將它們組合，制作成一條長14.5mm的鏈條。
Repeat step 4-9 to make a few segments and connect them together to form a chain with 14.5mm long finally.

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**⓫** ✄

用遮蓋紙固定
Fix with masking tape

⚠ 注意，連接最後一節鏈條，建議不要敲打，方便安裝和拆卸。
Attention: For ease of mount or dismount, don't strike the last piece of chain.

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**⓬**

通過調整A13安裝的位置，可調節鏈條鬆緊
Before adhereing the part A13, moving it to a right position for adjusting the chain tightness

軸
Axle

A13

發動機
Engine