

No. 8610

1/10 電動越野車

小獵犬

BEAGLE



RADIO CONTROL ELECTRIC POWERED RACING CAR.

1/10 Scale, 4WD.

Length: 390m/m, Width: 238m/m,

Height: 120m/m, Wheelbase: 257m/m,

Total Weight: 1660g Motor: RS-540SD (Included)

Battery: 7.2V 1200mAh Ni-Cd Battery (not included)



GREAT VIGOR MODELS CO., LTD.

偉鋒科學模型有限公司

親愛的顧客：

承蒙購買“小獵犬”電動越野沙灘車，感激之至。在您組合本車前，希望能先詳閱本說明書，當能帶給您更多的組合樂趣，本公司並建議您，準備下列圖示之各有關配件及工具，若組合過程中，您發現本車之任何缺點，更希望您反應購買商店，經本公司彙整後必當予以改進，感謝您不吝指教！

Congratulations!

You have just purchased the BEAGLE, an innovator in the world of electric off road racing. This car will bring you many hours of competitive/fun racing if you carefully read and follow all of the enclosed directions. We do however suggest that before you start assembly, that you lay out all of your accessories and tools as pictured below. Please take the time to read through all of the directions before attempting construction, so that you will be familiar with the entire car kit.

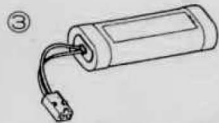
- ① 2CH遙控器 ———— 包括發射機 1 台、接收機 1 只、電池盒附開關 1 只、伺服機 2 只。
2 Channel Radio ———— Comprised of a transmitter, a receiver, 2 servos and a battery case with switch.



7.2V 慢速充電器
7.2V Slow Charger

種類繁多，諸家廠商各有優劣，但為維持電池壽命，建議您多使用慢充方式充電。

There are many different types of chargers. We suggest you use a slow charger.

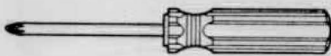


7.2V 1200mA 鎳鎘電池
7.2V 1200mAh Ni-Cd Battery

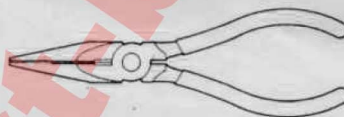
可連續充電的電池，價格比一般乾電池昂貴，但連續充電使用及高效率的放電性能，貴一點值得的。

The Ni-Cd battery is more expensive than a cell battery, but it is worth using for it can be recharged over and over again.

* 本公司為您準備於套件中：
INCLUDED IN THIS KIT :



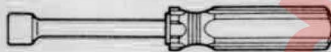
④ 1 號十字起子
Screw Driver (No. 1)



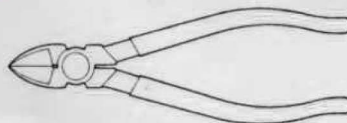
⑧ 尖嘴鉗
Needle Nose Plier



① 1.5%六角扳手
1.5m/m Allen Wrench



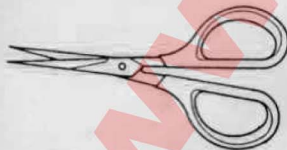
⑤ 5.5%及7%套筒扳手
5.5m/m; 7m/m Box Driver



⑨ 斜口鉗
Side Cutter



② 2%六角扳手
2m/m Allen Wrench



⑥ 美工用剪刀
Scissor



⑩ 7%開口扳手
7m/m Spanner



③ 防鬆膠
Screw Locking Cement



⑦ 美工刀
Cutter Knife



⑪ 潤滑脂
Silicon Grease

⑫ 馬達 —— 本車套件中附有RS-540SD馬達 1 只，為提高本車競速能力，建議您，如能使用較高轉速及扭力馬達，必使本車如虎添翼，更發揮其潛在的高性能。

12. Motor

A RS-540SD motor is included in this kit. We suggest that you use a high torque motor for better overall performance.

⑬ 另購零件 —— 本公司各經銷店另備有下列配件供選購：

(1) 培林 $4 \times 8\text{mm}$ → 可替換套件車內之 $4 \times 8\text{mm}$ 銅襯。

(2) 培林 $5 \times 10 \times 4\text{mm}$ → 可替換套件車內之 $5 \times 10\text{mm}$ 銅襯。

(3) “小獵犬”專用海綿輪胎 → 可使本車改裝成平跑車。

13. The following parts are available for optional purchase.

① Bearing $4 \times 8\text{mm}$ — Replace the bushing $4 \times 8\text{mm}$ in this kit.

② Bearing $5 \times 10 \times 4\text{mm}$ — Replace the bushing $5 \times 10\text{mm}$ in this kit.

③ Sponge tires for Beagle use exclusively — To turn this car into an on-road racer.

⑭ 車殼塗裝器具 —— (1) 水彩筆。

(2) 模型專用漆 → 可視您的喜好，購買多種顏色。

(3) 模型專用彩色膠布 → 亦有多種顏色供您選擇。

14. Painted tools for Body.

(1) Brush

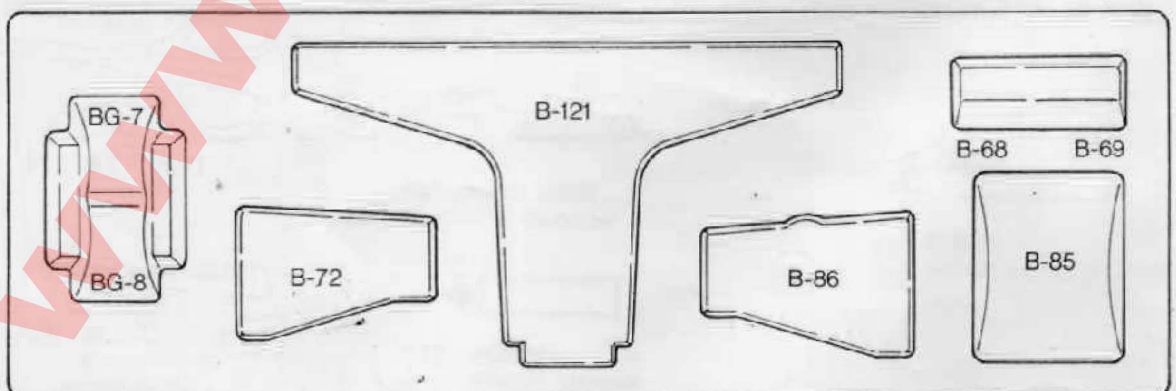
(2) Polycarbonate paints

(3) Line tape

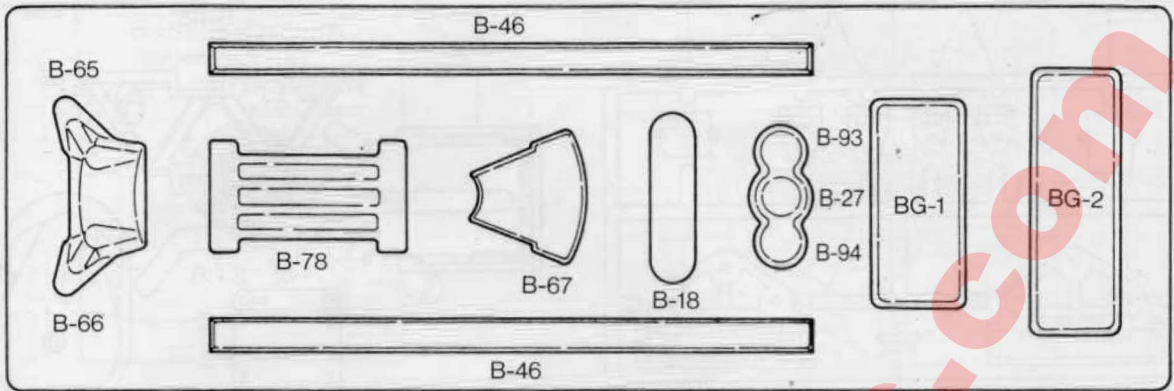
真空罩及其他主配件明細 VACUUM PACK & MAIN PARTS:

編號 NO.	品名 DESCRIPTION	數量 QUANTITY	備註 REMARK
BG-1	前油壓避震器 Front shock absorbers	2	未成品 (without shock oil)
BG-2	後油壓避震器 Rear shock absorbers	2	未成品 (without shock oil)
BG-7	前差速器 Front differential gear	1	
BG-8	後差速器 Rear differential gear	1	
B-16	輪胎 Tires	4	
B-17A	外輪骨 Wheel (1)	4	
B-17B	內套 Wheel (2)	4	
B-17C	內輪骨 Wheel (3)	4	
B-18	培林 8×14×4mm Bearing 8×14×4m/m	4	
B-27	大鋁齒 Pinion gear	1	19T
B-46	車身鋁條 Main chassis	2	
B-65	前輪轉向軸(左) Front rocker arm (L)	1	
B-66	前輪轉向軸(右) Front rocker arm (R)	1	
B-67	前後輪軸 Front & rear shaft	4	
B-68	轉向U型座(左) U-type hub (L)	1	
B-69	轉向U型座(右) U-type hub (R)	1	
B-72	前擺臂 Front suspension arm	2	
B-78	前後輪傳動桿 Front & rear swing shaft	4	
B-85	馬達保護片 Motor cover	1	
B-86	後擺臂 Rear suspension arm	2	
B-93	小鋁齒 Pinion gear (S)	1	12T
B-94	中鋁齒 Pinion gear (M)	1	15T
B-121	防撞板 Bumper	1	
B-123	車殼 Body	1	
B-125	貼紙 Decal sheet	1	
216/S	塑膠天線管 Antenna Pipe	1	

真空罩置物圖 VACUUM PACK NO. 1

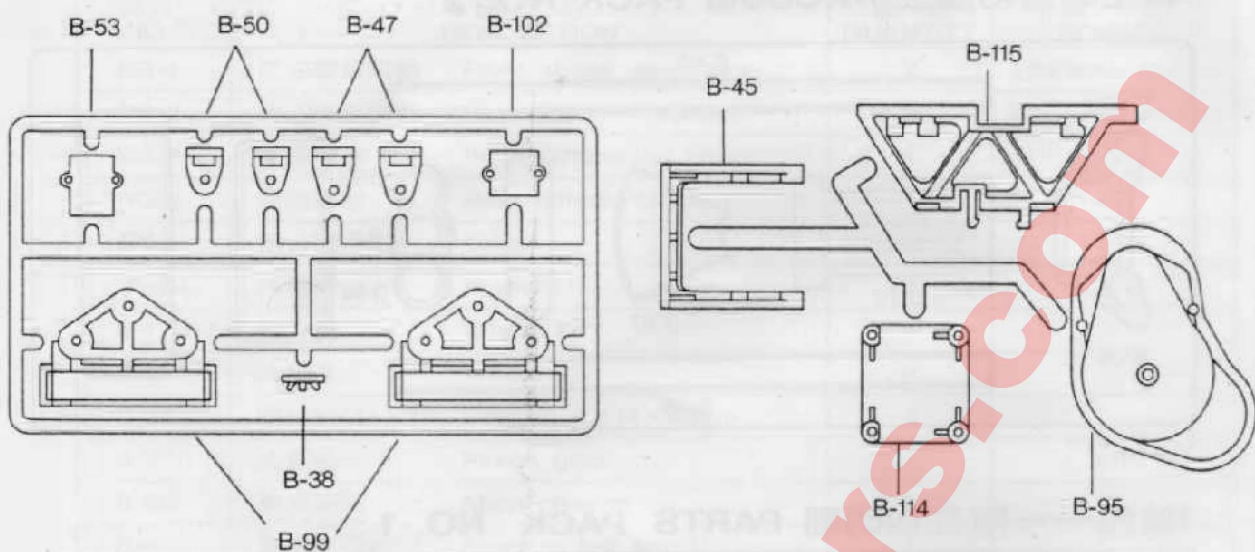


真空罩置物圖二 VACUUM PACK NO. 2



1號包——附件包明細 PARTS PACK NO. 1:

編號 NO.	品名 DESCRIPTION	數量 QUANTITY	備註 REMARKS
B-15	避震器油 Shock oil	1	
B-30	銅襯5×10×4m/m Bushing 5×10×4m/m	10	
B-38	後齒輪箱防塵蓋 Rear gear box cap	1	
B-45	防撞U型座 U-type support	1	
B-47	F.R.P.板後座 F.R.P. rear post	2	
B-50	F.R.P.板前座 F.R.P. front post	2	
B-53	鏈條引導片(下) Lower chain guide piece	1	
B-77	防鬆膠 Screw locking cement	1	
B-89	銅襯4×8×9.5m/m Bushing 4×8×9.5m/m	1	
B-95	傳動齒保護蓋 Gear cover	1	
B-99	電池固定座 Battery support	2	
B-102	鏈條引導片(上) Upper chain guide piece	1	
B-114	伺服機座 Servo mount	1	
B-115	支撐架 Radio plate support	1	
B-117	小束帶 Strap (S)	5	
B-119	中束帶 Strap (M)	1	
B-122	驅動螺帽 Drive washer	4	
B-124	大束帶 Strap (L)	2	
T-89	耳形插梢(大) Snap pin (L)	2	
207/1	1m/m雙面膠布 Twin tape 1m/m	1	
	1.5m/m六角扳手 Allen wrench 1.5m/m	1	
	2m/m六角扳手 Allen wrench 2m/m	1	
F-7	M4×10圓頭十字螺絲 Rd. hd. cross screw M4×10	1	
F-11	M4華司 Washer M4	5	
F-29	M4尼龍螺帽 Self-locking nut M4	5	
F-51	M3×12自攻螺絲 Tapping screw M3×12	2	
F-54	M2×8自攻螺絲 Tapping screw M2×8	20	



2號包——後齒輪箱組立明細

PARTS PACK NO.2—ASSEMBLY OF REAR GEAR BOX

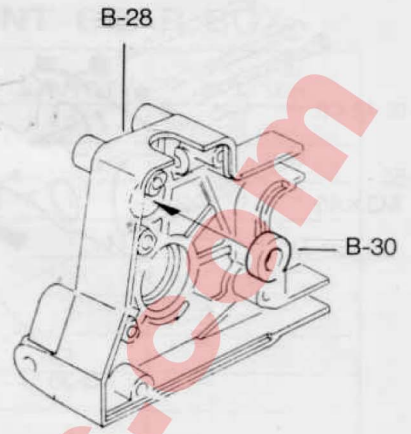
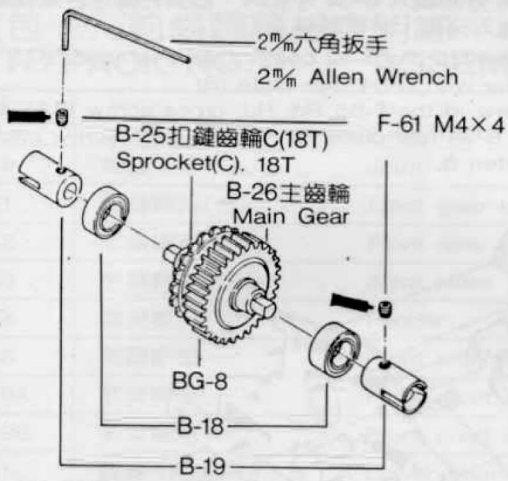
編號 NO.	品名 DESCRIPTION	數量 QUANTITY	備註 REMARK
B-19	軸套 Joint	2	
B-28	後齒輪箱(左) Rear gear box (L)	1	
B-29	後齒輪箱(右) Rear gear box (R)	1	
B-31	鏈條 Chain	1	
B-32	中心齒輪軸 Center gear shaft	1	
B-33	後側鋁板(左) Rear plate (L)	1	
B-34	後側鋁板(右) Rear plate (R)	1	
B-35	馬達保護片固定桿 Fixing collar	1	
B-36	逆轉齒輪 Counter gear	1	
B-37	逆轉齒輪軸 Counter gear shaft	1	
B-39	後避震器固定梢 Rear shock stud	2	
B-40	後避震器支撐鋁板 Rear shock plate	1	
F-32	M3彈簧華司 Spring washer M3	4	
F-42	M3尼龍螺帽 Self-locking nut M3	2	
F-48	M3×8圓頭十字螺絲 Rd. Hd. cross screw M3×8	3	
F-51	M3×12自攻螺絲 Tapping Screw M3×12	2	
F-53	M3×18自攻螺絲 Tapping Screw M3×18	3	
F-55	M3×45圓頭十字螺絲 Rd. Hd. cross screw M3×45	4	
F-61	M4×4無頭內六角螺絲 Screw Hex. Soc. head set M4×4	3	

組立前，請先取 PARTS TO BE USED:

真空罩 VACUUM PACK —— BG-8×1, B-18×2, B-27×1
 1號包 PARTS PACK NO. 1 —— B-30×2, B-38×1, B-77×1

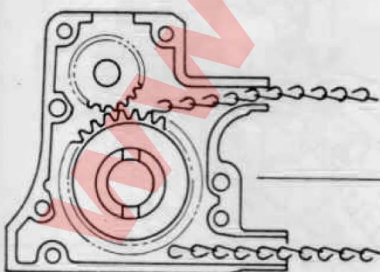
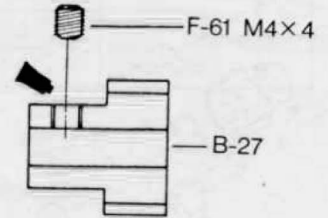
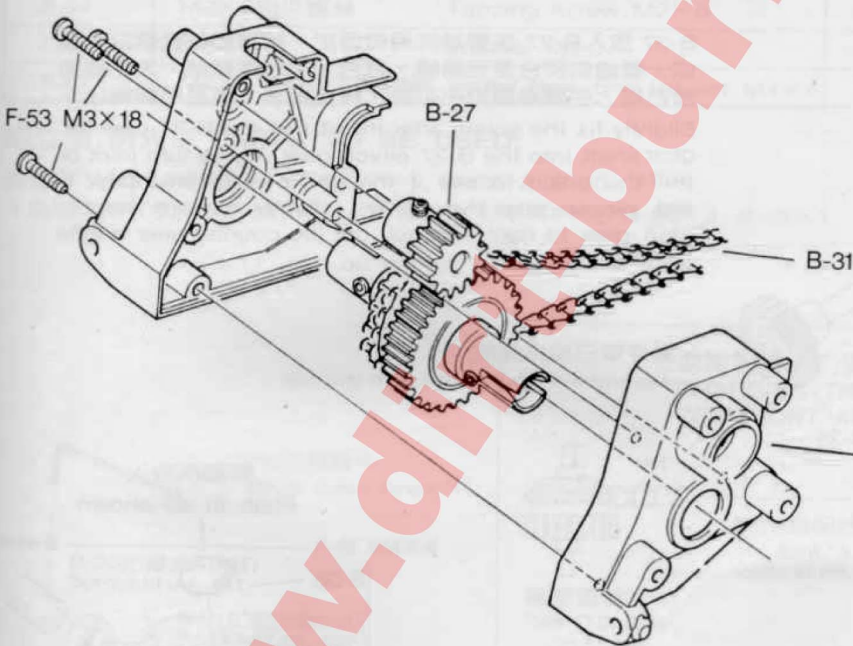
2m/m六角扳手×1

2m/m ALLEN WRENCH×1



- ① 先取B-19與BG-8組合。
- ② 再取B-31與BG-8上之B-25扣合。(注意鏈條鉤方向)
- ③ 套進B-28，但鏈條須先放入上方槽內。
- ④ 放入B-27再蓋上B-29。

1. Install the B-19 joint into the BG-8 rear diff. gear.
2. Set the B-31 chain on the B-25 sprocket (C). Be careful about the direction of the chain.
3. Install the parts into the B-28 rear gear box (L). The chain should be installed in the upper hollow.
4. Put in B-27 pinion gear and cover it with B-29 rear gear box (R).



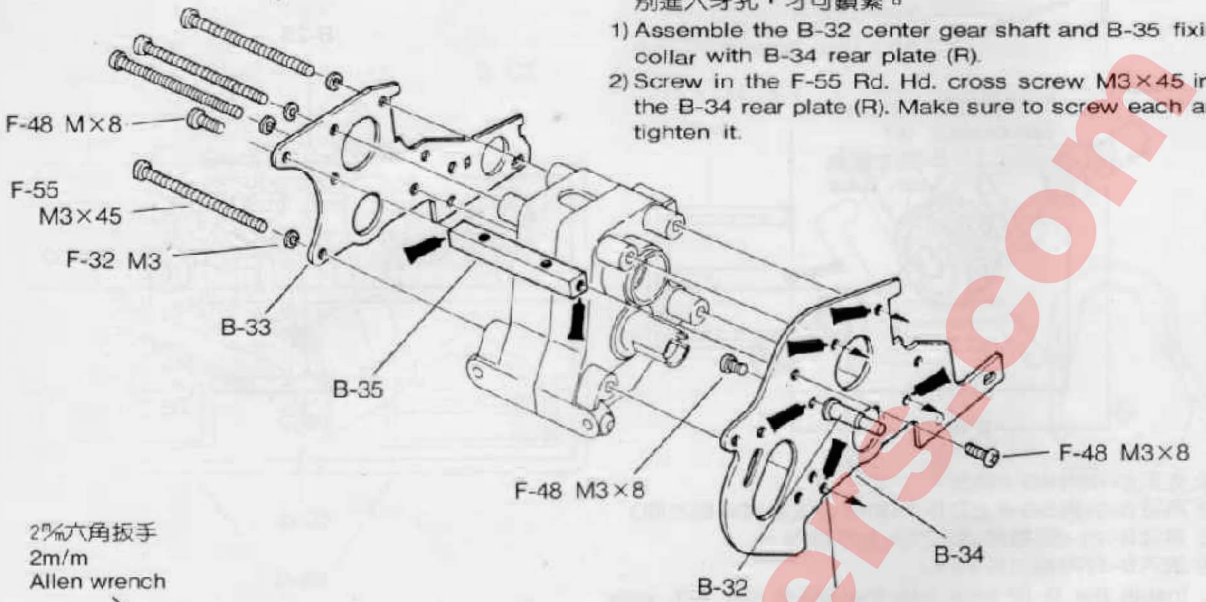
依圖示放置
Install the parts as shown.

①B-32及B-35先與B-34組合。

②F-55分別鎖入B-34牙孔內，但須先確定各螺絲尾已分別進入牙孔，才可鎖緊。

1) Assemble the B-32 center gear shaft and B-35 fixing collar with B-34 rear plate (R).

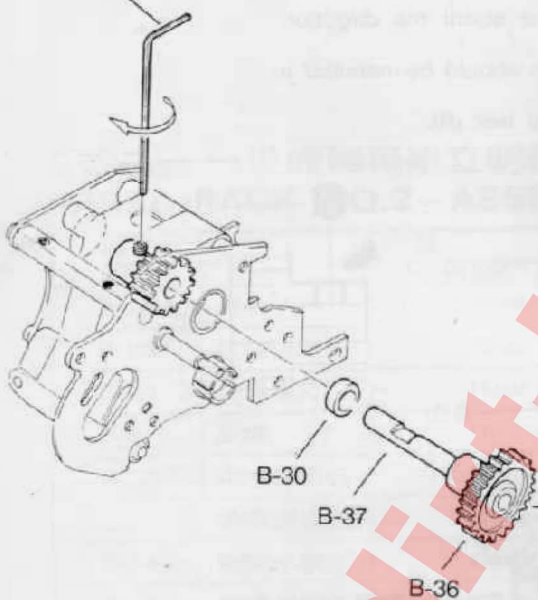
2) Screw in the F-55 Rd. Hd. cross screw M3×45 into the B-34 rear plate (R). Make sure to screw each and tighten it.



螺絲鎖入後與B-34平齊，螺絲尾部勿超出。

Tighten it to the same level as B-34 rear suspension plate (R).

2mm六角扳手
2m/m
Allen wrench



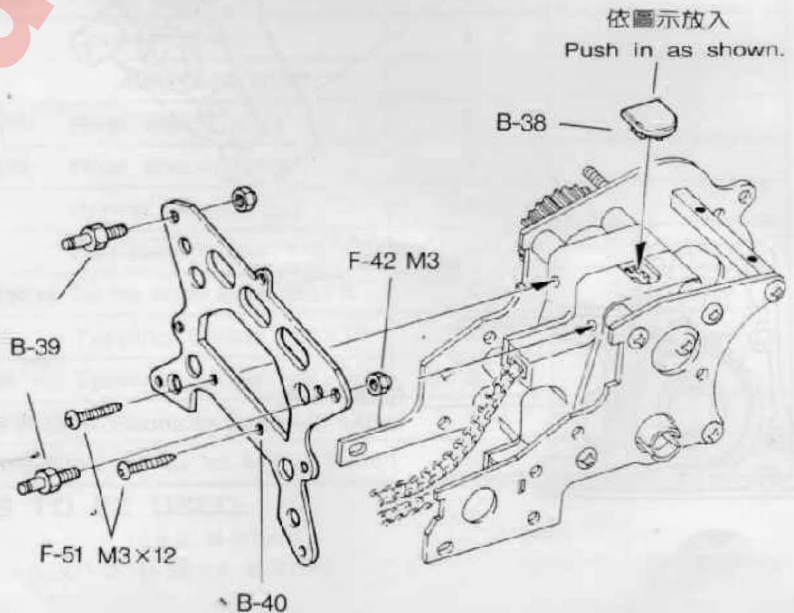
B-37 放入B-27 後螺絲先稍微固定，試轉動軸套或拉動鏈條，看齒輪咬合是否順暢，若否，再放鬆螺絲，大鉛齒稍微右移，逆轉齒輪拉出少許，再鎖螺絲，直至順暢為止。

Slightly fix the screw after insert. Put the B-37 counter gear shaft into the B-27 pinion gear. Try to turn joint or pull the chain to see if the gears mesh smoothly. If not, please relax the screws, slightly remove the pinion gear to right and pull out the counter gear a little until smooth, then tighten up.

套件車已組合完成

Assembled counter gear in this kit.

依圖示放入
Push in as shown.



B-40裝上B-39後，再與後齒輪箱組合

Fix the B-39 rear shock stud with B-40 rear shock plate and assemble with rear gear box.

3號包——前齒輪箱組立明細

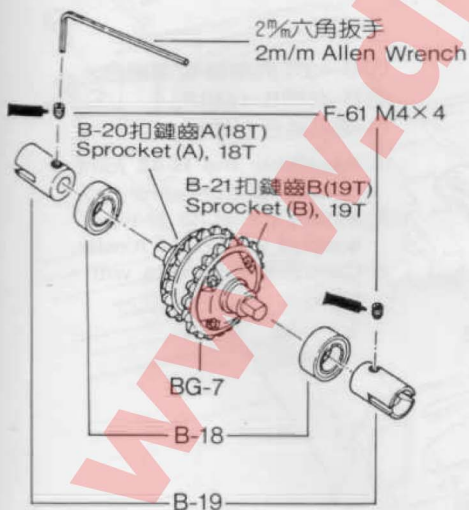
PARTS PACK NO. 3 — ASSEMBLY OF FRONT GEAR BOX

編號 NO.	品名 DESCRIPTION	數量 QUANTITY	備註 REMARK
B-19	軸套 Joint	2	
B-41	前齒輪箱(左) Front gear box (L)	1	
B-42	前齒輪箱(右) Front gear box (R)	1	
B-43	前擺臂連接鋁片 Joint plate	1	
B-44	擋泥板 Fender	1	
B-48	前側鋁板 Front side plate	2	
B-49A	前支軸座(左) Front pivot (L)	1	
B-49B	前支軸座(右) Front pivot (R)	1	
B-51	鏈條引導槽(下) Lower chain guide	1	
B-52	鏈條引導槽蓋(下) Lower chain cover	1	
F-1	M2.6×6圓頭十字螺絲 Rd. Hd. cross screw M2.6×6	6	
F-48	M3×8圓頭十字螺絲 Rd. Hd. cross screw M3×8	4	
F-49	M3×8自攻螺絲 Tapping screw M3×8	6	
F-50	M3×10自攻螺絲 Tapping screw M3×10	4	
F-51	M3×12自攻螺絲 Tapping screw M3×12	5	
F-52	M3×16自攻螺絲 Tapping screw M3×16	2	
F-53	M3×18自攻螺絲 Tapping screw M3×18	1	
F-54	M2×8自攻螺絲 Tapping screw M2×8	2	
F-57	M2.6華司 Washer M2.6	6	
F-61	M4×4無頭內六角螺絲 Screw Hex. Soc. Hd. set M4×4	2	

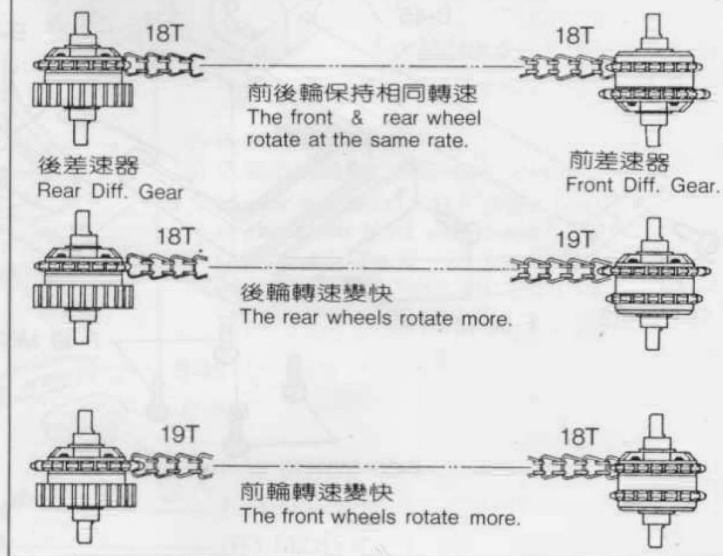
組立前,請先取 PARTS TO BE USED:

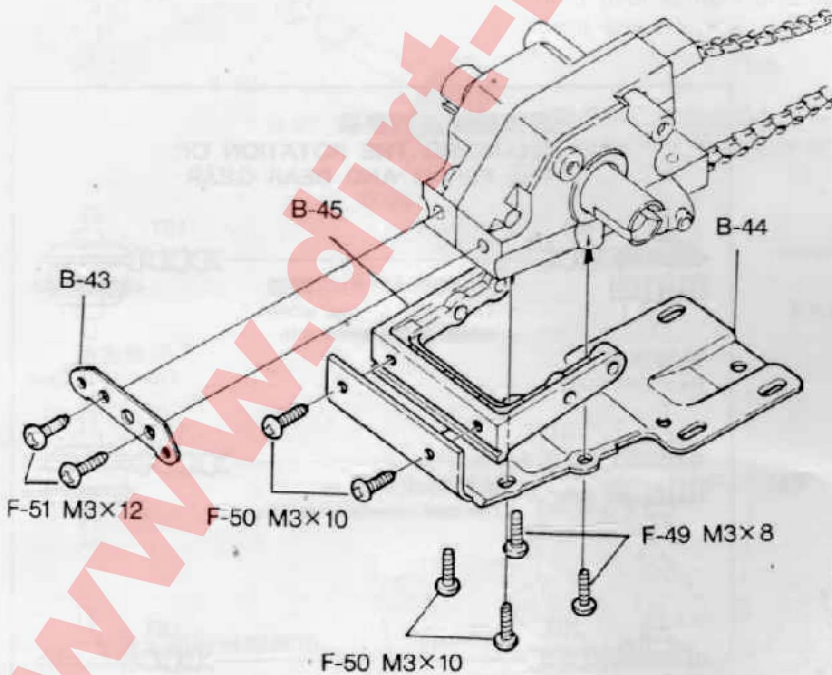
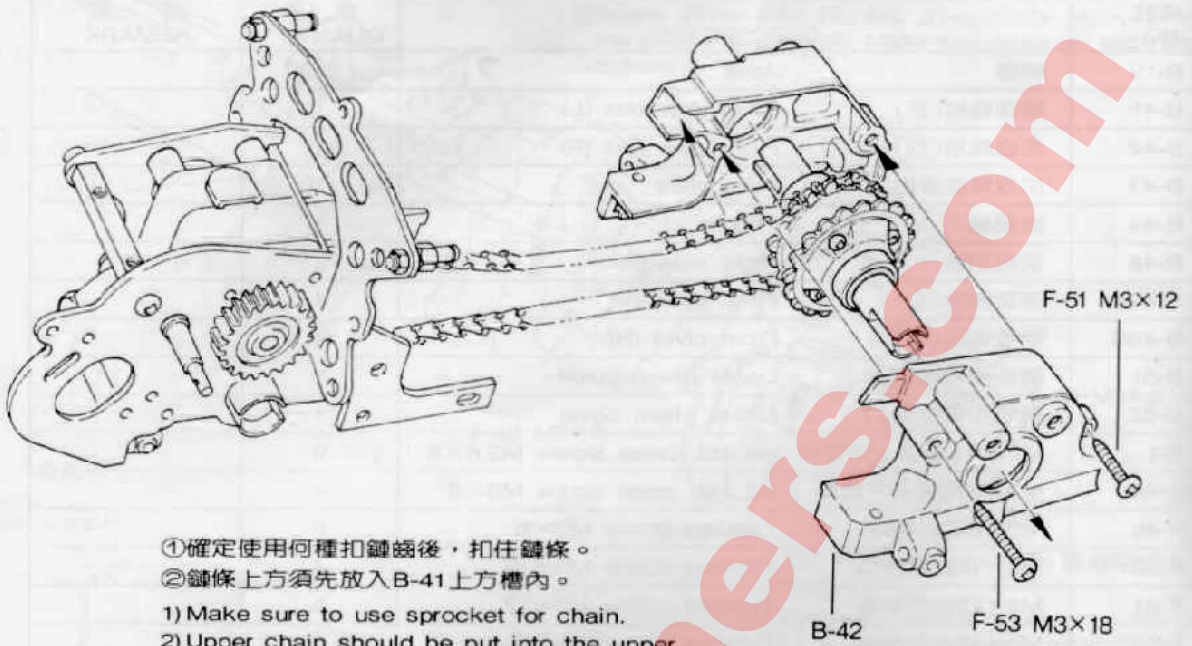
真空罩 VACUUM PACK — BG-7×1, B-18×2, B-46×2

1號包 PARTS PACK NO. 1 — B-45×1, B-47×2, B-50×2, B-53×1



前後輪轉速的變換 CHANGING THE ROTATION OF THE FRONT AND REAR GEAR



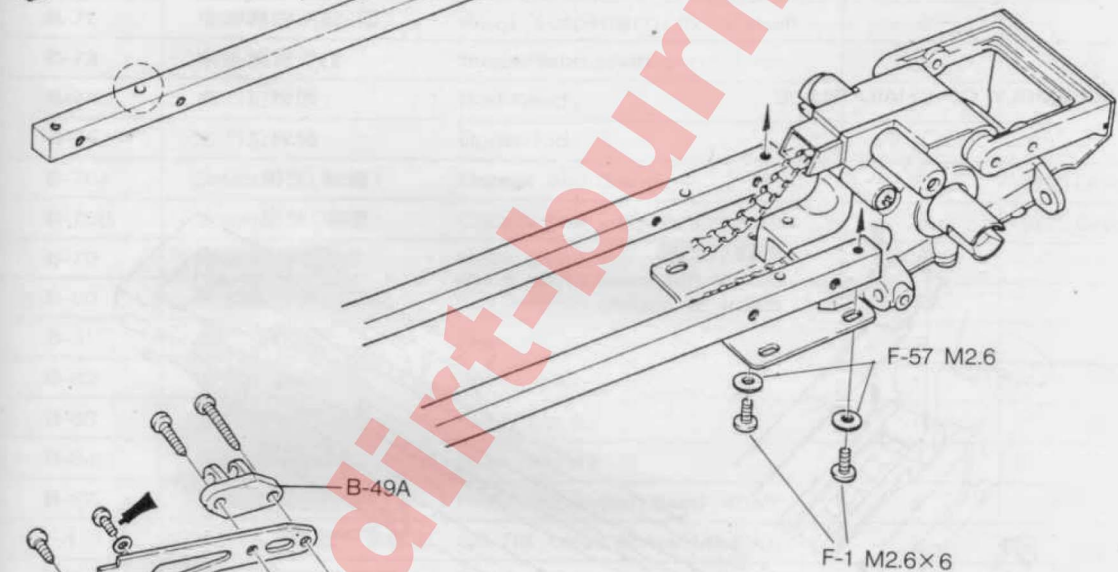
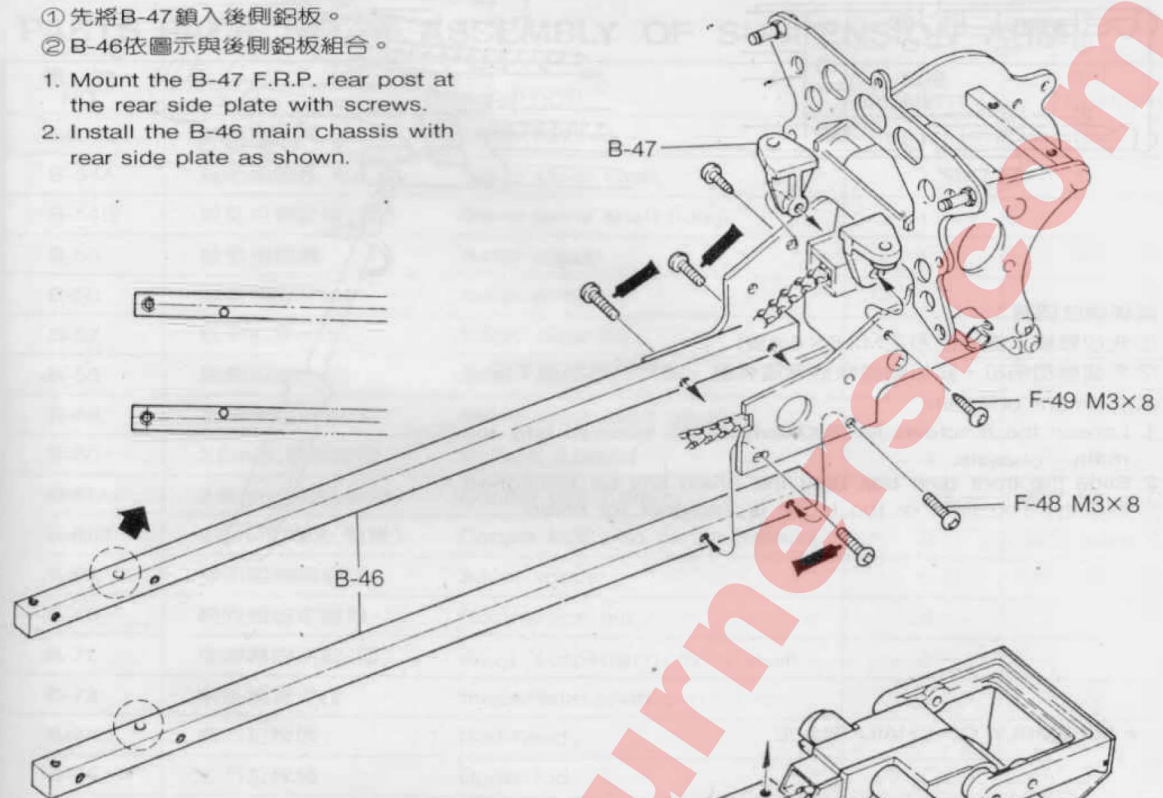


- ① B-43先與前齒輪箱組合。
- ② B-45與B-44組合。
- ③ 兩組結合上螺絲。

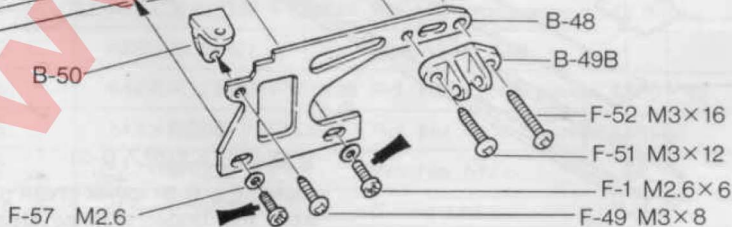
1. Assemble the B-43 joint plate with front gear box.
2. Mount the B-45 U-type support with B-44 fender.
3. Combine two parts with screws.

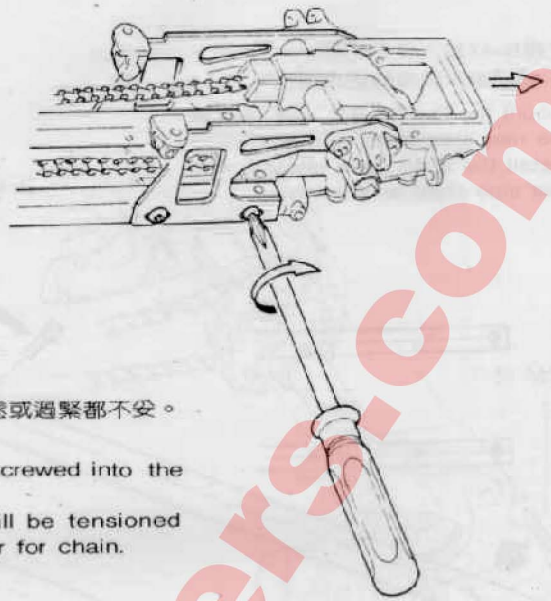
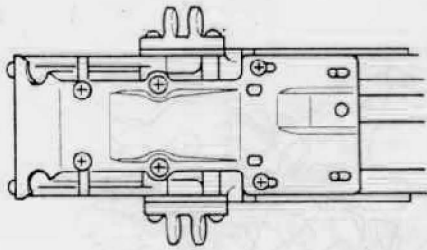
- ① 先將B-47鎖入後側鋁板。
 ② B-46依圖示與後側鋁板組合。

1. Mount the B-47 F.R.P. rear post at the rear side plate with screws.
 2. Install the B-46 main chassis with rear side plate as shown.



- ① B-50先鎖入B-48。
 ② 依圖示切角可分別B-49A, B-49B。
 1. Mount the B-50 F.R.P. front post at the B-48 front side plate.
 2. Distinguish the B-49A front pivot (L) and B-49B front pivot (R) by cutting angle as shown.





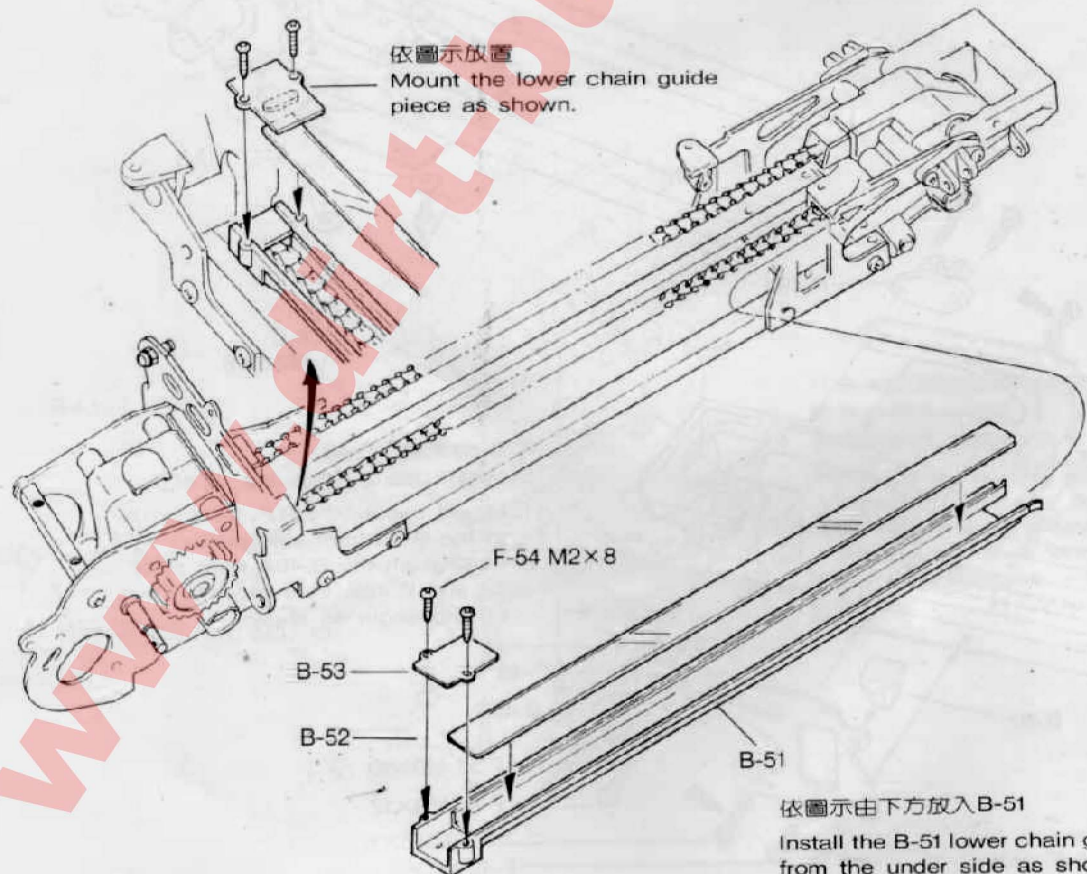
鏈條強度調整：

- ① 先放鬆鎖入鉛條前方之M2.6×6(6支)
- ② 前齒輪箱前拉，試拉動鏈條至適當強度，過鬆或過緊都不妥。

Adjustment of chain:

1. Loosen the 6 screws M2.6×6 which are screwed into the main chassis.
2. Slide the front gear box until the chain will be tensioned slightly. Too tight or too loose is improper for chain.

* ASSEMBLY OF CHAIN GUIDE



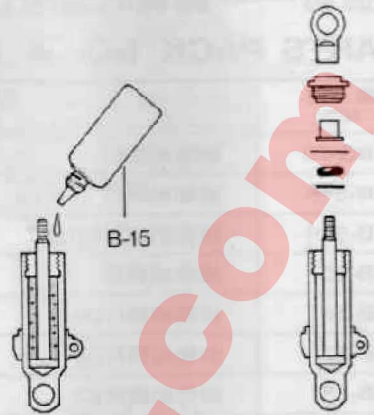
4號包——擺臂成型組立明細

PARTS PACK NO. 4 ASSEMBLY OF SUSPENSION ARM

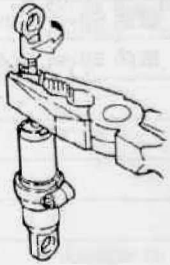
編號 NO.	品名 DESCRIPTION	數量 QUANTITY	備註 REMARK
BG-30	緩衝組連桿 Saver ballend	1	
B-54A	緩衝組銅柱 Servo saver shaft	1	
B-54B	緩衝組輔助軸(長) Servo saver shaft (long)	1	
B-55	緩衝組彈簧 Saver spring	1	
B-56	緩衝組膠片(A) Saver plate (A)	1	
B-57	緩衝組膠片(B) Saver plate (B)	1	
B-58	緩衝組膠片(C) Saver plate (C)	1	
B-59	緩衝組輔助軸(短) Servo saver shaft (short)	1	
B-60	2.6m/m 球型螺帽 Ballend 2.6m/m	3	
B-61A	2.6m/m 銅珠(無邊) Copper ball 2.6m/m	2	銀色 Silver Color
B-61B	2.6m/m 銅珠(有邊) Copper ball with flange 2.6m/m	2	銀色 Silver Color
B-62	緩衝組間隔鋁片 Saver spacer	1	
B-70	轉向軸固定螺絲 Rocker arm pin	4	
B-71	前擺臂固定軸(短) Front suspension fixed shaft	2	
B-73	前後擺臂支柱 Suspension shaft	4	
B-74	轉向拉桿頭 Rod head	12	
B-75	上方拉桿軸 Upper rod	4	
B-76A	3m/m 銅珠(無邊) Copper ball 3m/m	6	金色 Golden Color
B-76B	3m/m 銅珠(有邊) Copper ball with flange 3m/m	6	金色 Golden Color
B-79	前避震器固定梢 Front shock tip	2	
B-80	前避震器支撐鋁板 Front shock plate	1	
B-81	轉向拉桿軸 Turn rod	2	
B-82	後側板連接鋁桿 Joint collar	1	
B-83	後輪圈軸座(左) Rear hub (L)	1	
B-84	後輪圈軸座(右) Rear hub (R)	1	
B-87	後擺臂固定軸(長) Rear suspension fixed shaft	2	
F-1	M2.6×6圓頭十字螺絲 Rd. Hd. cross screw M2.6×6	1	
F-2	M3×10圓頭十字螺絲 Rd. Hd. cross M3×10	2	
F-3	M3×12圓頭十字螺絲 Rd. Hd. cross M3×12	8	
F-4	M3×15圓頭十字螺絲 Rd. Hd. cross M3×15	2	
F-10	M3華司 Washer M3	6	
F-24	3∅E型扣環 E-ring M3	4	
F-26	5∅E型扣環 E-ring M5	1	
F-33	M3×4無頭內六角螺絲 Screw Hex. Soc. Hd. set M3×4	4	
F-41	M2.6×15圓頭十字螺絲 Rd. Hd. cross screw M2.6×15	2	
F-42	M3尼龍螺帽 Nylon nut M3	6	
F-45	M2.6×12圓頭十字螺絲 Rd. Hd. cross screw M2.6×12	4	
F-48	M3×8圓頭十字螺絲 Rd. Hd. cross screw M3×8	4	
F-57	M2.6華司 Washer M2.6	6	
F-59	2.5∅E型扣環 E-ring M2.5	8	

組立前，請先取 PARTS TO BE USED:

- 真空罩 — BG-1×2, BG-2×2, B-65×1, B-66×1, B-67×4
 Vacuum pack — B-68×1, B-69×1, B-72×2, B-78×4
 B-85×1, B-86×2
 1號包 — B-15×1, B-30×8
 Parts pack No. 1

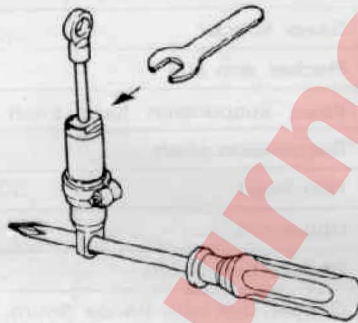


油量加至虛線位置
 Pour oil into the shaded position of the shock as shown.

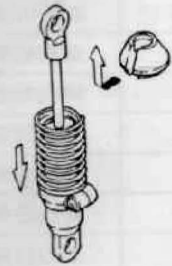


旋緊(鬆開)拉桿頭時，以墊物包住拉桿，以免夾傷。

When tightening or loosening the shock shaft, protect it with something to avoid any damage to the shock shaft.

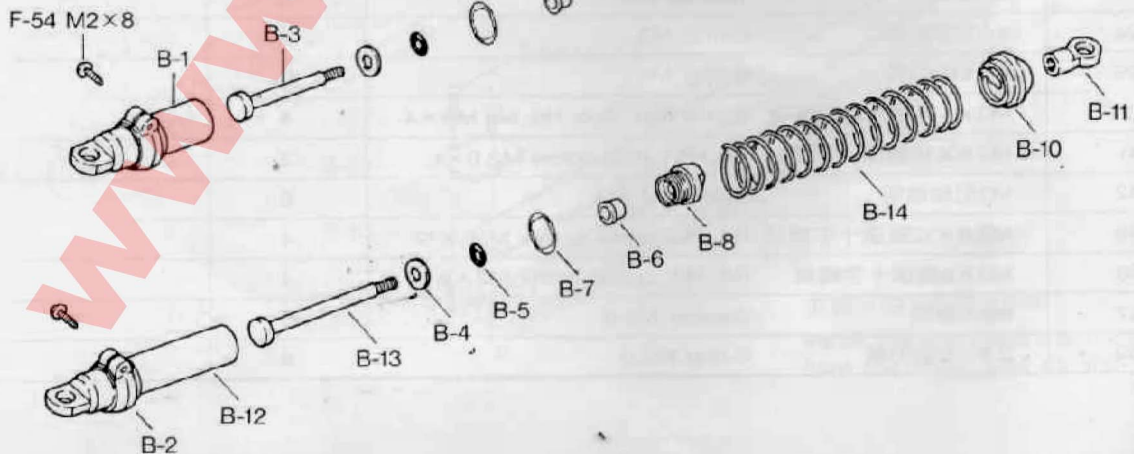


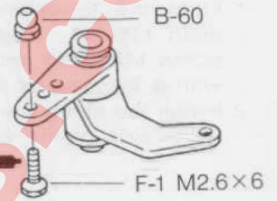
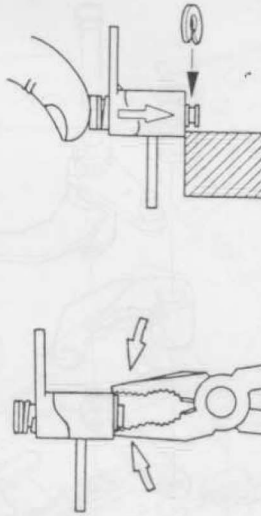
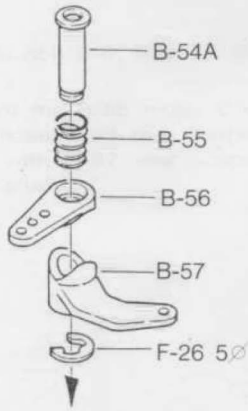
鎖緊至不漏油為止，以免損壞B-7
 Tighten it firmly, so that the oil cannot leak out.



- ①取出BG-1, BG-2, 依圖示逆向鬆開加油。
- ②加油完成組合後試壓，依需要由B-2調整彈簧強度。

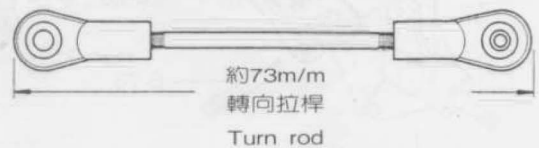
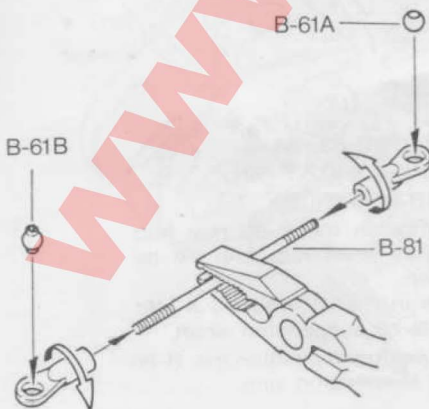
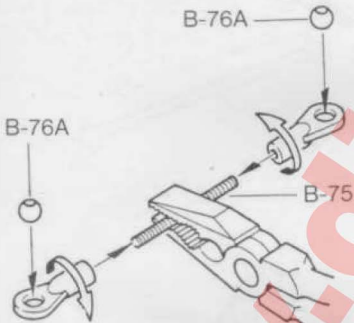
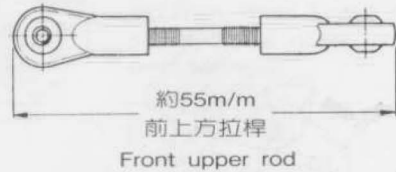
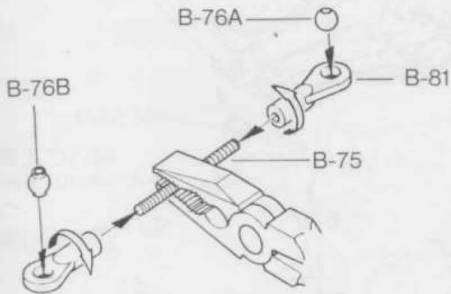
1. Disassemble the BG-1 front shock absorber and BG-2 rear shock absorber in opposite direction as shown and pour oil into the shock.
2. Press the piston up and down to see if air bubbles remains or not. Adjust the length of spring by B-2 spring adjuster.





- ①取出緩衝組包依圖示切下
B-56, 57, 58 組合。
1. Cut the B-56 servo plate (A),
(B), (C) from servo saver pack
as shown and assemble it.

- ②再取拉桿包，如圖組合拉桿各2組。
2. Make 2 sets of upper rods as shown.



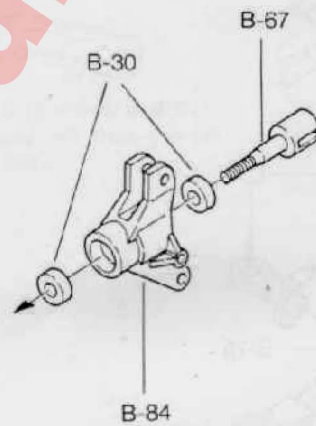
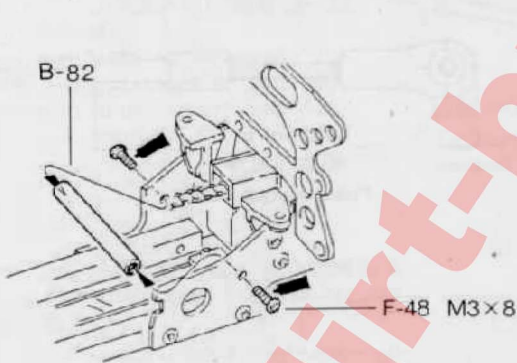
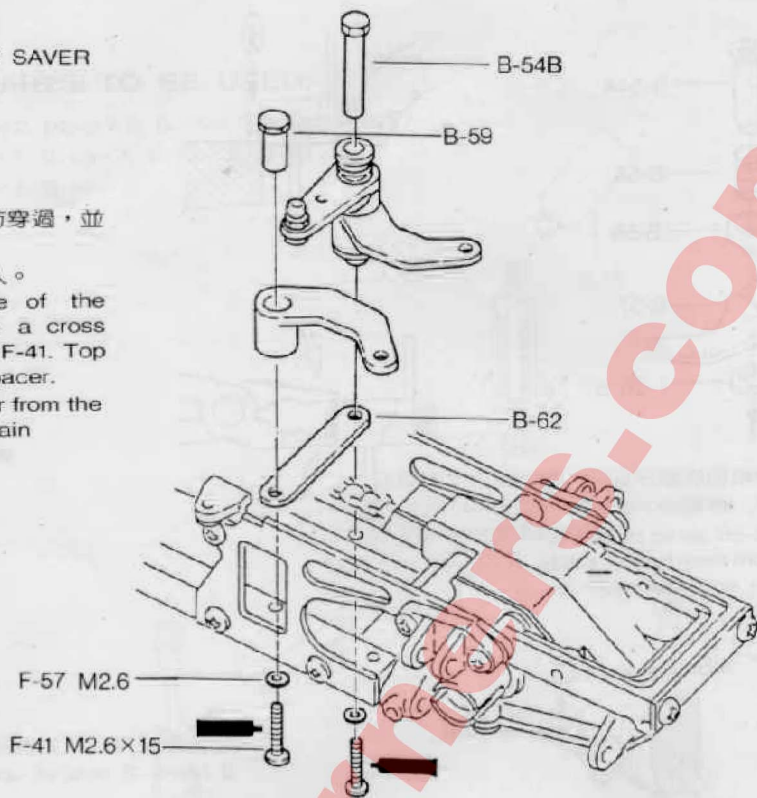
* ASSEMBLY OF SERVO SAVER

① F-41 M2.6×15 由下方穿過，並放上 B-62。

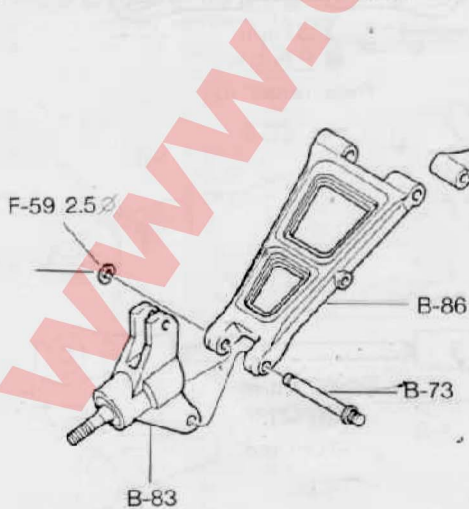
② 緩衝組由鏈條下方放入。

1. From the lower side of the main chassis, place a cross screw M2.6×15 and F-41. Top with a B-62 saver spacer.

2. Install the servo saver from the lower side of the chain



* ASSEMBLY OF SUSPENSION ARM



① 依圖分別 B-83, 84.

② B-73 一端先扣入 F-59

③ 注意 B-86 放置位置

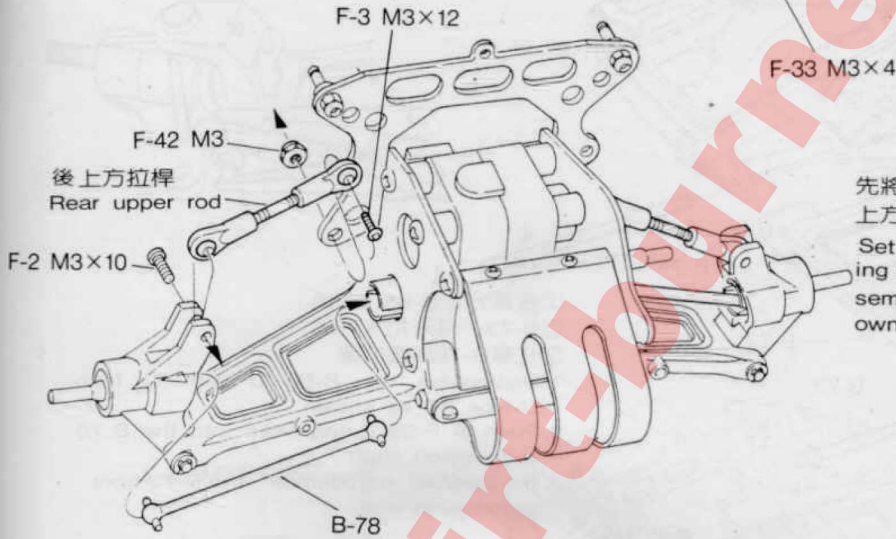
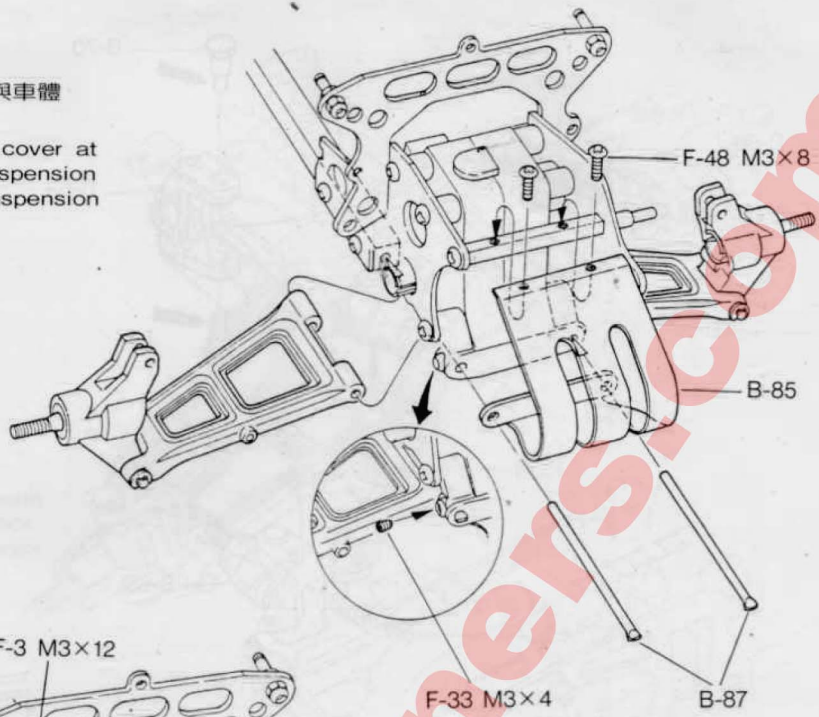
1. Distinguish the B-83 rear hub (L) from B-84 rear hub (R) as shown.

2. Push in F-59 E-ring M2.5 into the B-73 suspension shaft.

3. Be careful to position the B-86 rear suspension arm.

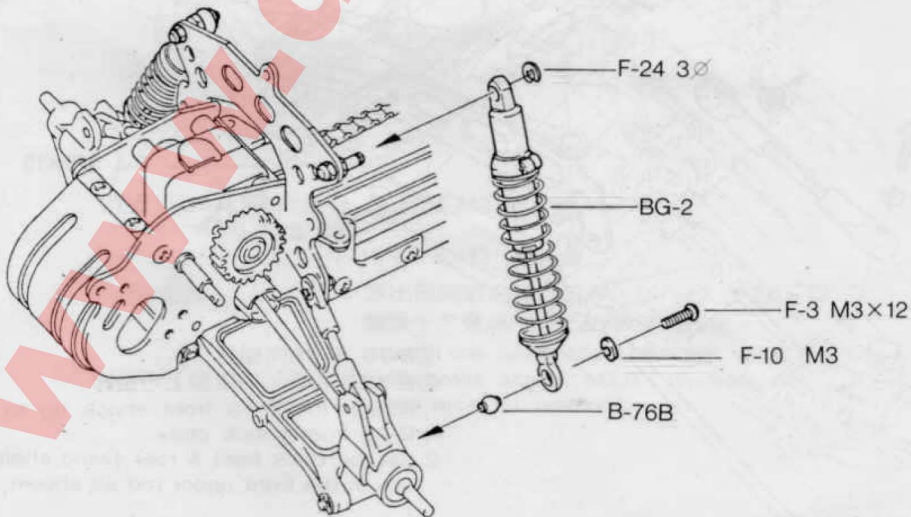
取出B-85以B-87使擺臂與車體
結合。

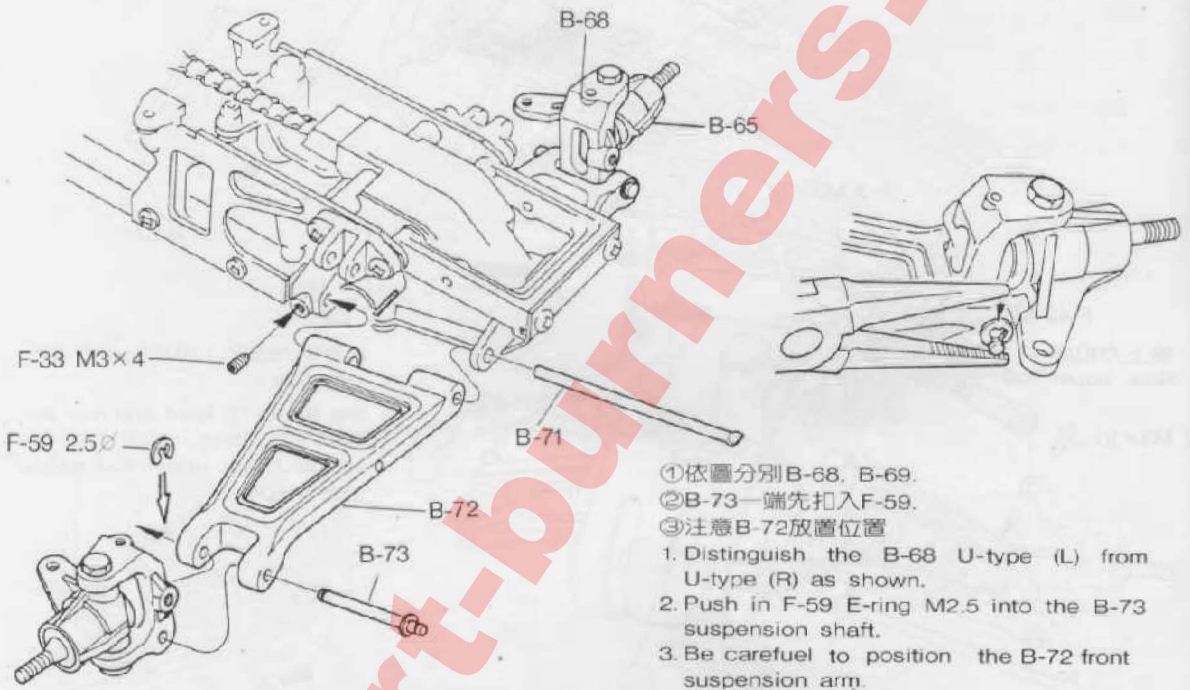
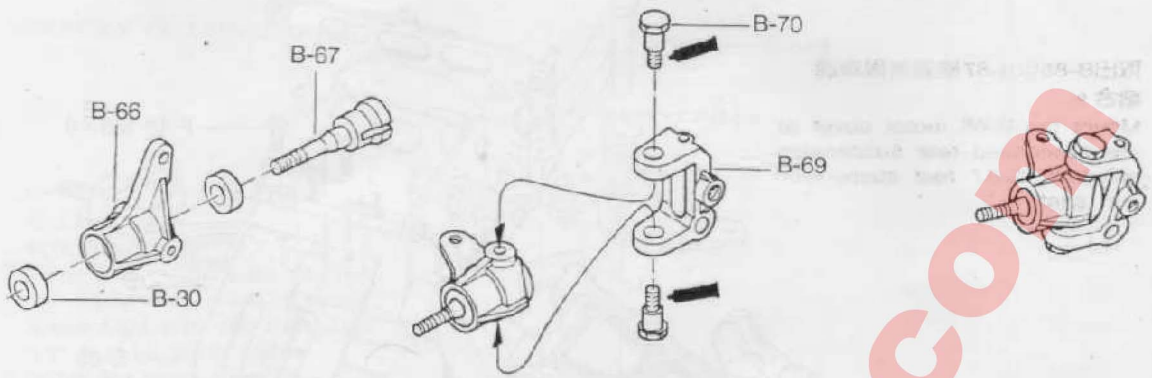
Mount the B-85 motor cover at
the assembled rear suspension
arm with B-87 rear suspension
arm shaft.



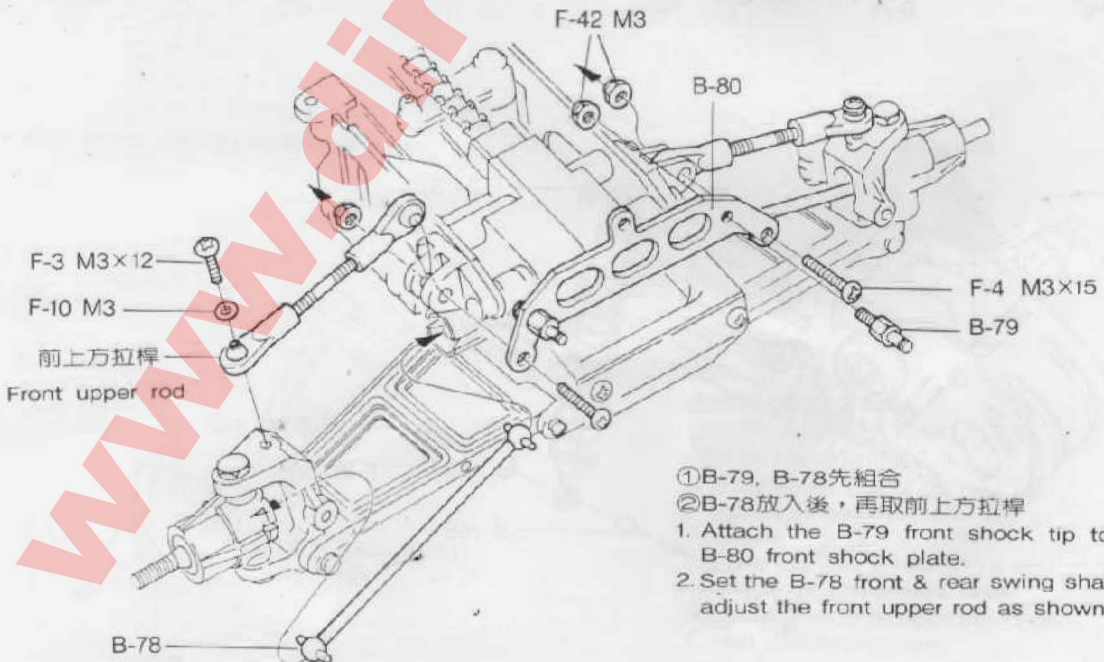
先將B-78放入，再取已組好之後
上方拉桿。

Set the B-78 front and rear sw
ing shaft, then install the as-
sembled rear upper rod, as sh-
own below.



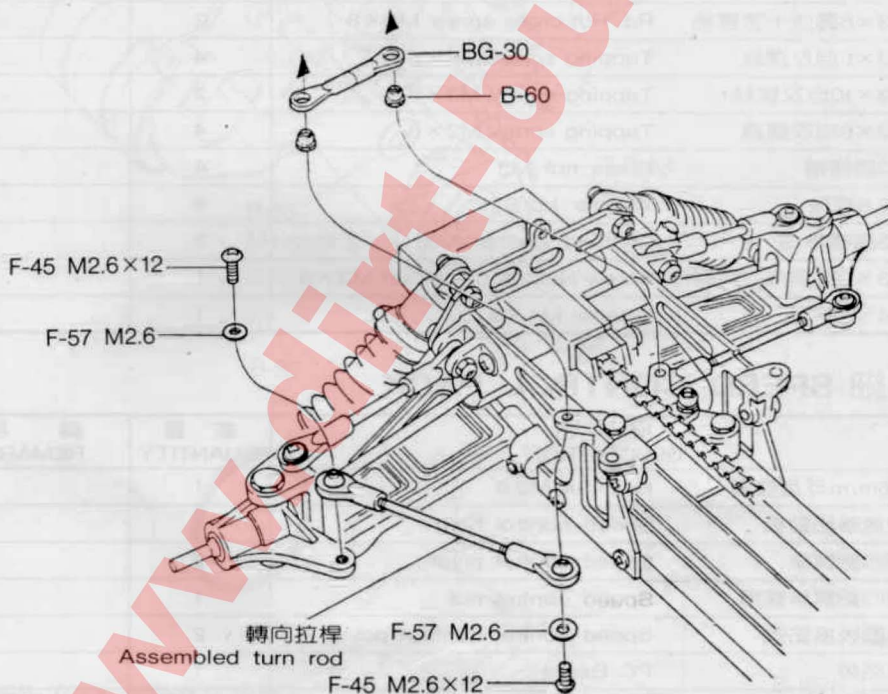
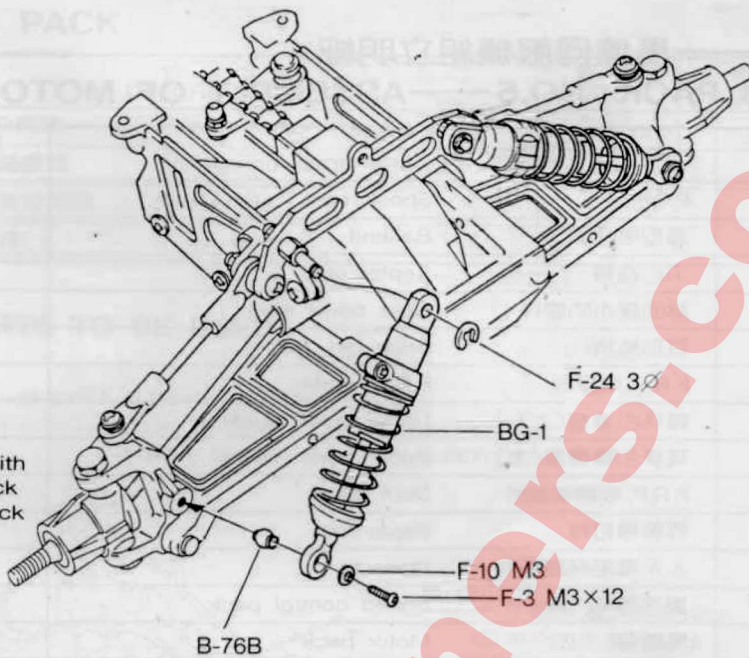


- ①依圖分別B-68, B-69.
 ②B-73一端先扣入F-59.
 ③注意B-72放置位置
1. Distinguish the B-68 U-type (L) from U-type (R) as shown.
 2. Push in F-59 E-ring M2.5 into the B-73 suspension shaft.
 3. Be careful to position the B-72 front suspension arm.



- ①B-79, B-78先組合
 ②B-78放入後, 再取前上方拉桿
1. Attach the B-79 front shock tip to the B-80 front shock plate.
 2. Set the B-78 front & rear swing shaft, and adjust the front upper rod as shown.

B-76先套入BG-1之拉桿頭。
 Push in B-76B copper ball with
 flange 3m/m, into the shock
 head of the BG-1 front shock
 absorber.



取出已組好之轉向拉桿，以F-45 M2.6x12
 圓頭十字螺絲由下方依序穿入固定。

Attach the assembled turn rod with the
 F-45 cross screw, M2.6x12, from the
 lower side as pictured.

5號包——馬達伺服機組立明細

PARTS PACK NO.5——ASSEMBLY OF MOTOR & SERVO

編號 NO.	品名 DESCRIPTION	數量 QUANTITY	備註 REMARK
B-5	P.3油封 Shock seal	1	
B-63	圓型尾桿頭 Ballend	2	
B-88	中心齒輪 Center gear	1	
B-96	單面膠布防塵條 Gear cover seal	1	
B-97	耳形插梢(小) Snap pin (S)	1	
B-98	F.R.P.車身板 F.R.P. plate	1	
B-100	鏈條引導槽(上) Upper chain guide	1	
B-101	鏈條引導槽蓋(上) Upper chain cover	1	
B-116	F.R.P.板補強鋁片 Strut plate	1	
B-118	伺服機拉桿 Servo rod	2	
B-120	水泥電阻保護鋁片 Protector	1	
	變速器包 Speed control pack	1	
	馬達包 Motor pack	1	
F-2	M3×10圓頭十字螺絲 Rd. Hd. cross screw M3×10	2	
F-10	M3華司 Washer M3	2	
F-43	M3×6大扁頭十字螺絲 Flat Hd. cross screw M3×6	7	
F-47	M2.6×8自攻螺絲 Tapping screw M2.6×8	4	
F-48	M3×8圓頭十字螺絲 Rd. Hd. cross screw M3×8	2	
F-49	M3×8自攻螺絲 Tapping screw M3×8	4	
F-50	M3×10自攻螺絲 Tapping screw M3×10	2	
F-54	M2×8自攻螺絲 Tapping screw M2×8	4	
F-56	M3銅螺帽 Brass nut M3	4	
F-57	M2.6華司 Washer M2.6	4	
F-58	M3齒輪華司 Toothed washer M3	2	
F-64	M3×3無頭內六角螺絲 Screw Hex. Soc. Hd. set M3×3	1	
F-65	M4×9華司 Washer M4×9	1	

變速器包明細 SPEED CONTROL PACK

編號 NO.	品名 DESCRIPTION	數量 QUANTITY	備註 REMARK
B-60	2.6m/m球型螺帽 Ball nut M2.6	1	
B-103	變速器移動板 Speed control horn	1	
B-104	空心鋁螺絲 Speed control pivot	1	
B-105	空心鋁螺絲螺帽 Speed control nut	1	
B-106	移動板接點頭 Speed control contact point	2	
B-108	電路板 PC Board	1	
B-109	變速器彈簧 Speed control spring	1	
B-110	變速器固定梢 Speed control fixed head	1	
B-111	降壓開關電源線 Regulator	1	
B-113	水泥電阻組 Resistor	1	
BG-56	7.2V母座矽質電源線 Connector	1	
F-1	M2.6×6圓頭十字螺絲 Rd. Hd. cross screw M2.6×6	2	
F-56	M3銅螺帽 Brass nut M3	2	

馬達包 MOTOR PACK

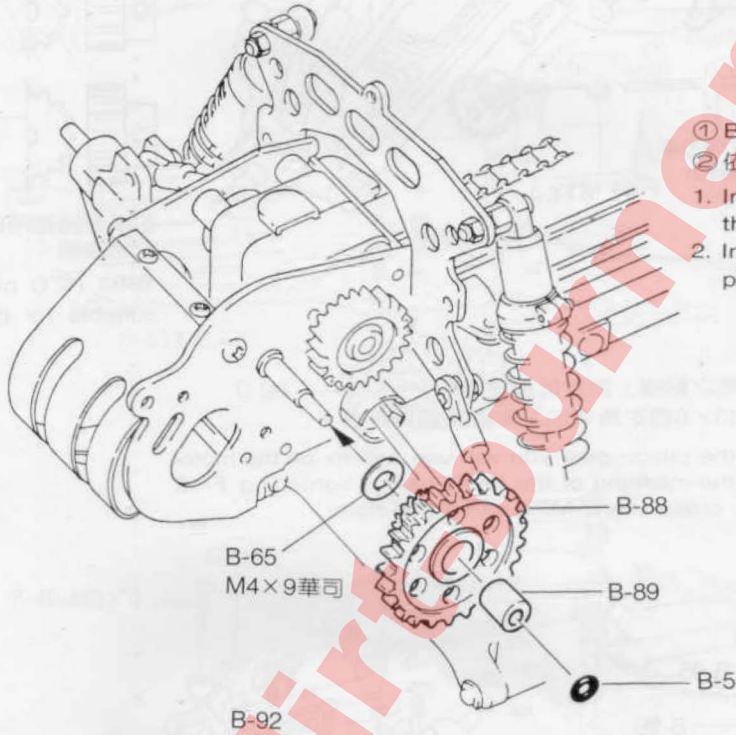
編號 NO.	品名 DESCRIPTION	數量 QUANTITY	備註 REMARK
B-90	RS-540SD馬達 Electric motor RS-540SD	1	
B-91	馬達防塵海綿套 Sponge cover	1	
B-92	馬達防塵套橡膠圈 Rubber tie	1	
B-107	馬達電源線(+, -) Motor cord	1	

組立前,請先取 PARTS TO BE USED:

遙控器 Radio — 2CH

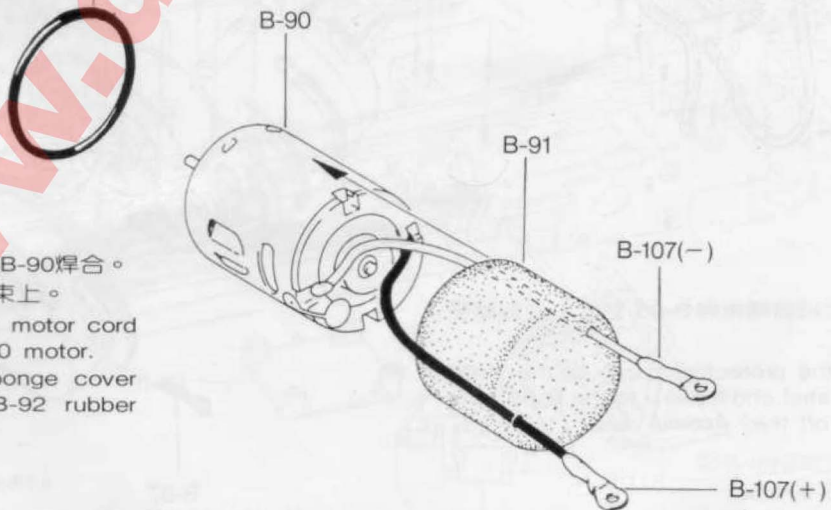
真空罩 Vacuum pack — B-93×1, B-94×1, 216/S×1

1 號包 Parts pack No. 1 — B-89×1, B-95×1, B-102×1, B-114×1,
B-115×1, B-117×5, B-119×1, 207/1×1



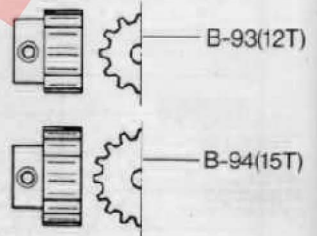
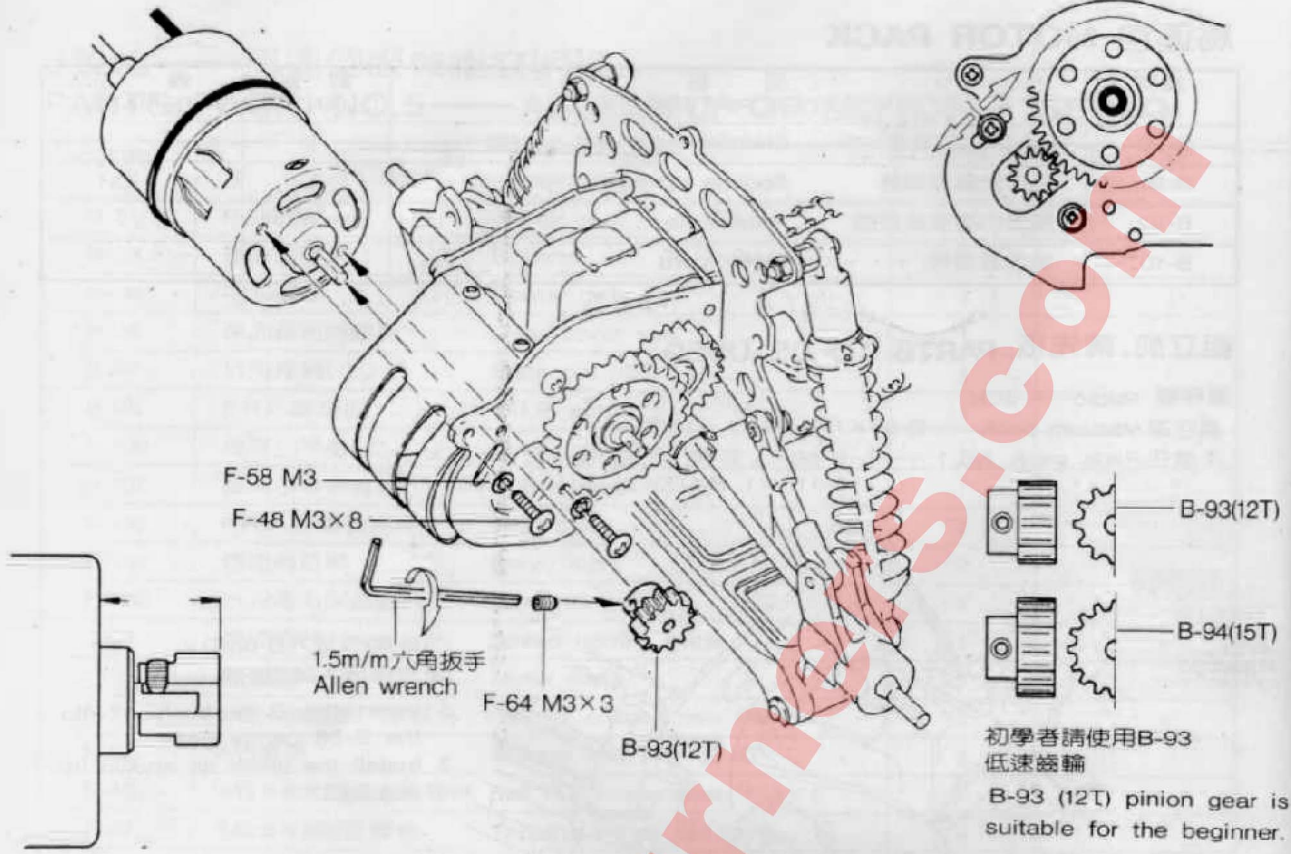
- ① B-89先放入B-88中。
- ② 依序放入其他配件。

1. Insert the B-89 bushing into the B-88 center gear.
2. Install the gears as shown in picture.



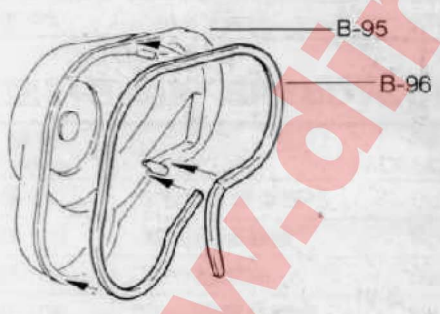
- ① 先將B-107(+, -)與B-90焊合。
- ② 套上B-91並以B-92束上。

1. Solder the B-107 motor cord (+, -) to the B-90 motor.
2. Cover the B-91 sponge cover and secure with B-92 rubber tie.

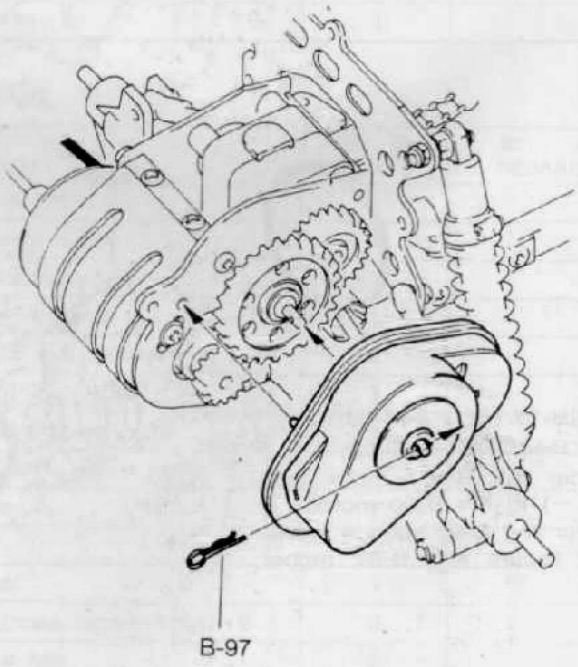


初學者請使用B-93
低速齒輪
B-93 (12T) pinion gear is
suitable for the beginner.

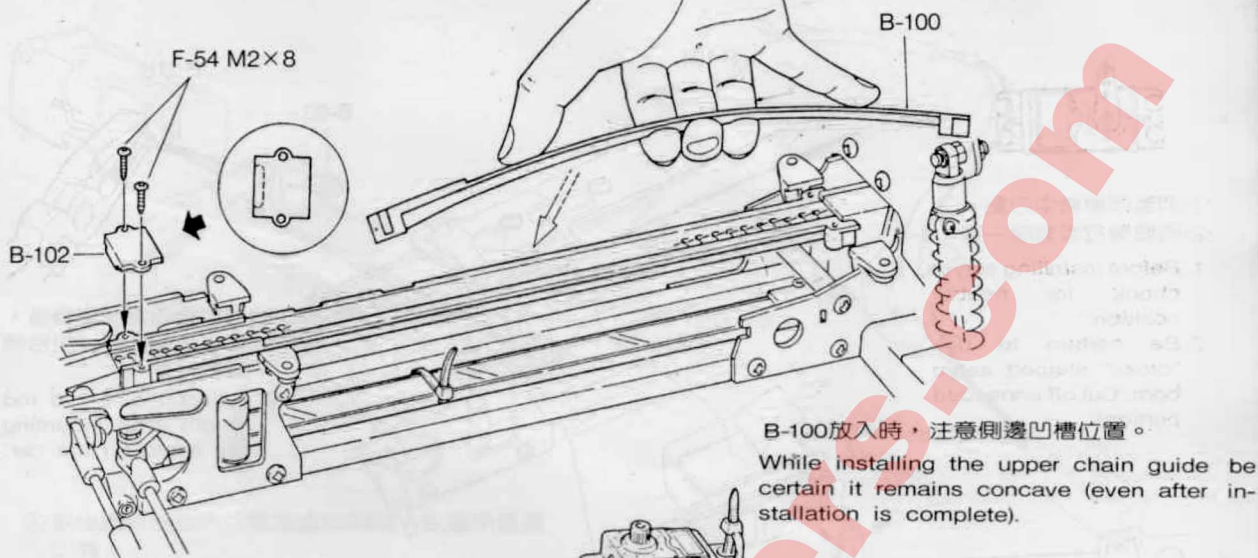
- ①選擇所需之鋁齒，固定於馬達軸心。
 - ②F-48 M3×8固定馬達前，先調整齒輪咬合。
1. Select the pinion gear you will use and fix on the motor.
 2. Adjust the meshing of the gears before tightening F-48 Rd. Hd. cross screw M3×8 into the motor.



B-96 上之離型紙撕開後與 B-95 黏合，並剪掉多餘部份。
Tear open the protective paper of the B-96 gear cover seal, and adhere to the B-95 gear cover. Cut off the excess seal.

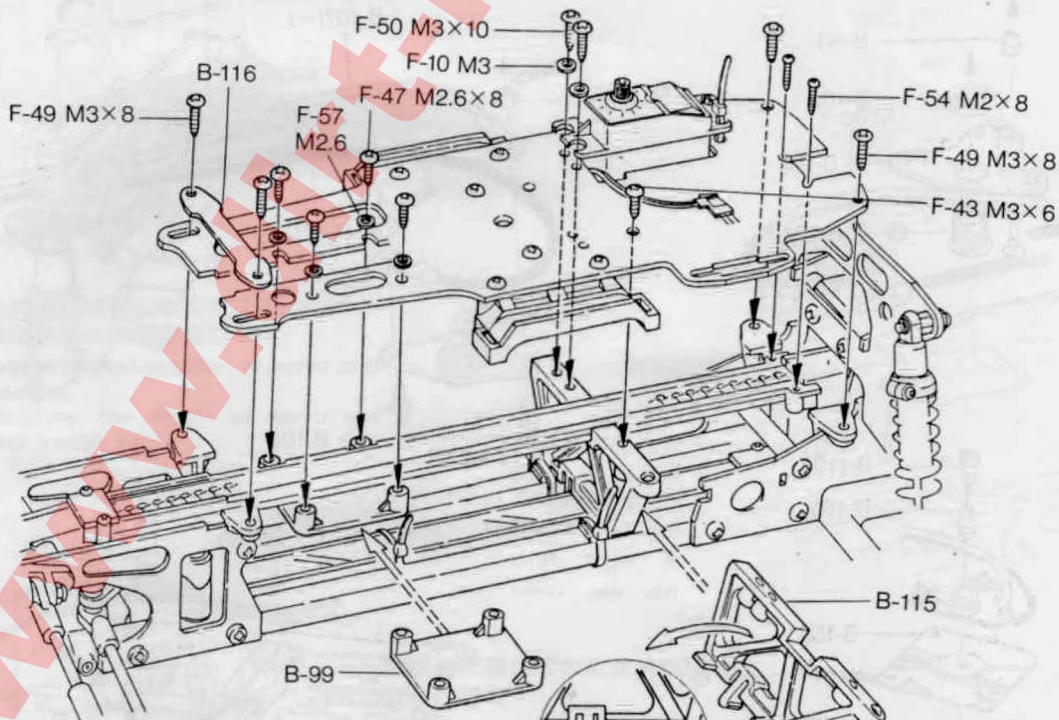
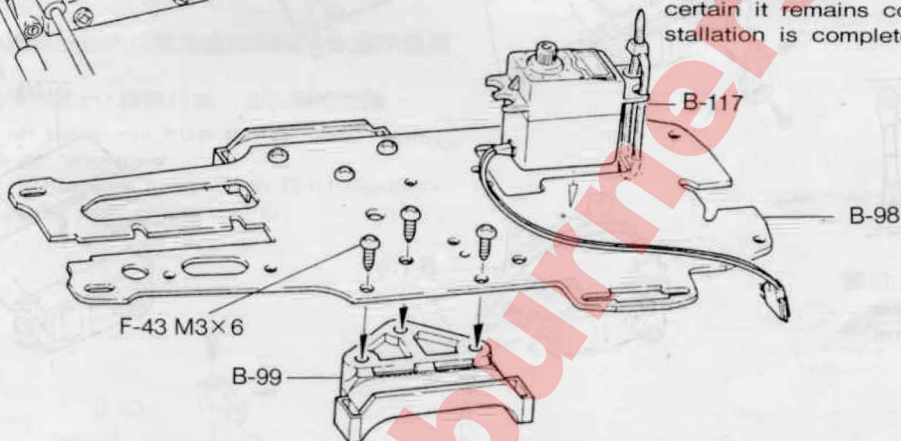


* ASSEMBLY OF CHAIN GUIDE



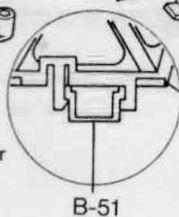
B-100放入時，注意側邊凹槽位置。

While installing the upper chain guide be certain it remains concave (even after installation is complete).

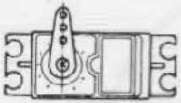


① B-115下方須嵌入B-51。

1. Insert the in B-51 lower chain guide into the lower side of the B-115 radio plate support.

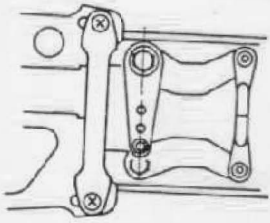


② B-99固定時，前平面靠上B-100之側邊凹槽。
2. Attach the concave side of the chain guard to the flat surface of the B-99 battery support.

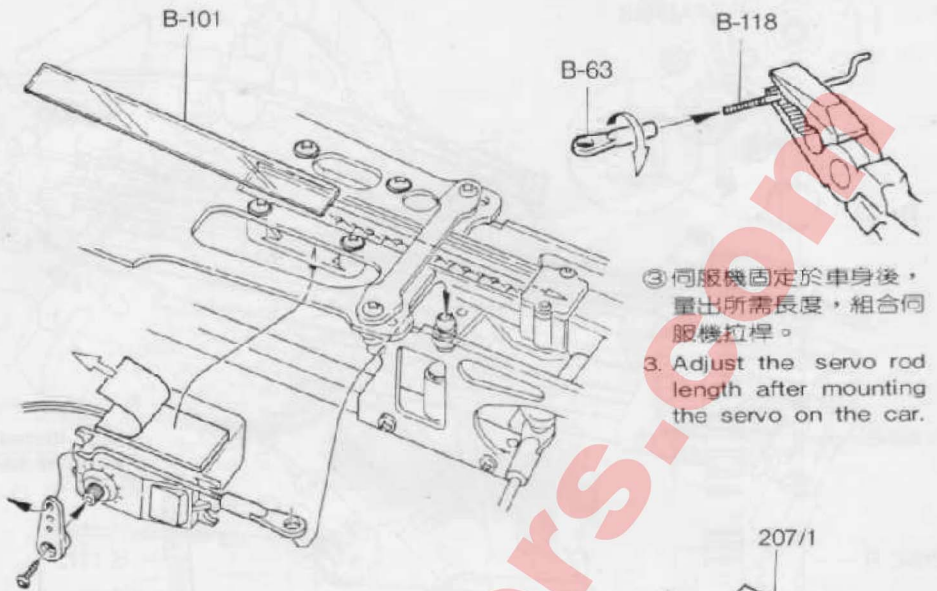


- ① 調整伺服機中心點。
- ② 伺服機拉板剪除一邊。

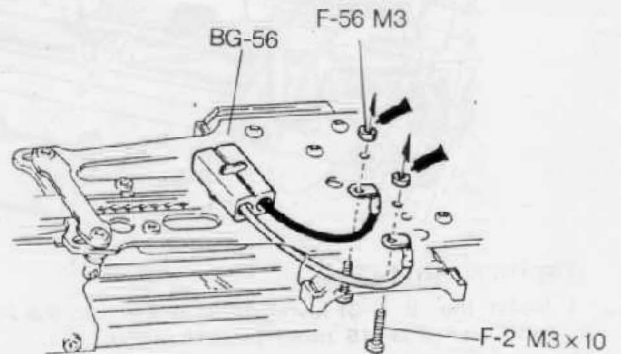
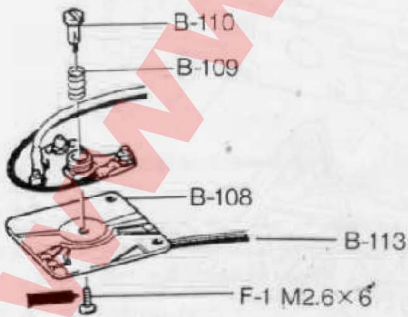
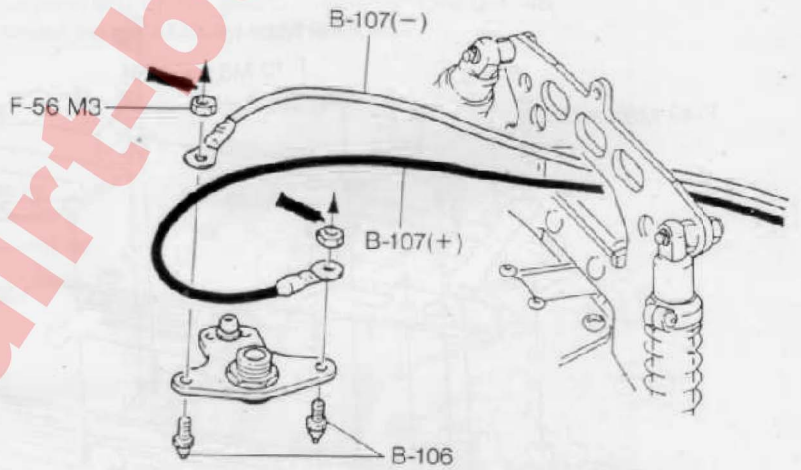
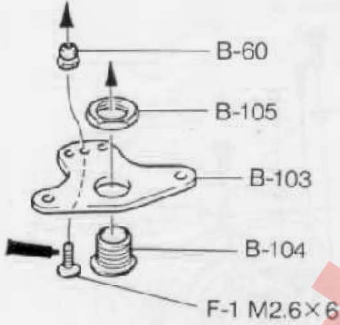
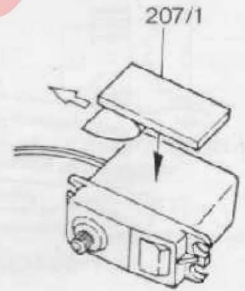
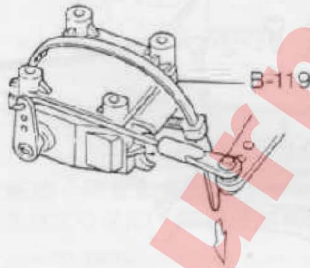
1. Before installing servos, check for neutral position.
2. Be certain to use "cross" shaped servo horn. Cut off unneeded portions.

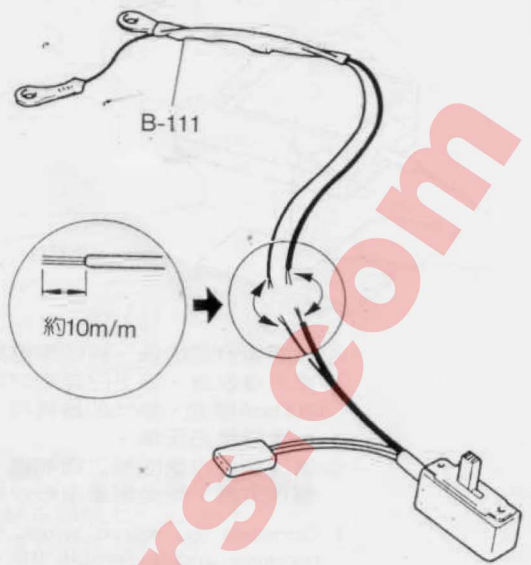
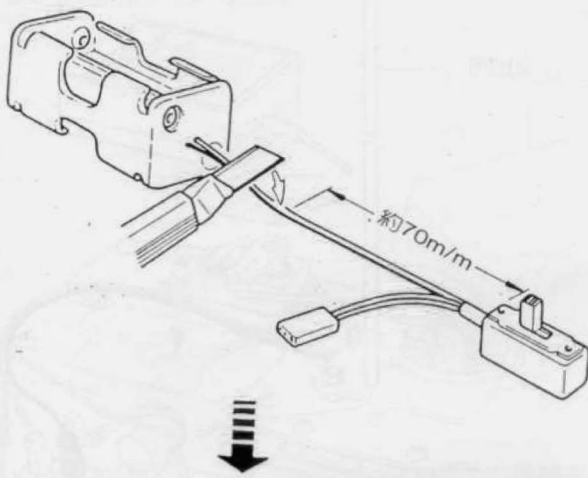


緩衝組膠片保持中心位置
Keep the servo saver plate in the neutral.



- ③ 伺服機固定於車身後，量出所需長度，組合伺服機拉桿。
3. Adjust the servo rod length after mounting the servo on the car.



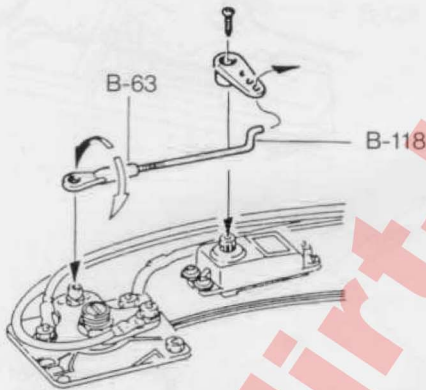


① 取出遙控器組內之電池盒附開關，依圖示長度切開。

② 剝線後與B-111纏繞打結，並以膠布包覆。

1. Cut off the wires from the receiver battery case as shown.

2. Twist wires and solder with B-111 regulator, and cover with shrink tubing.

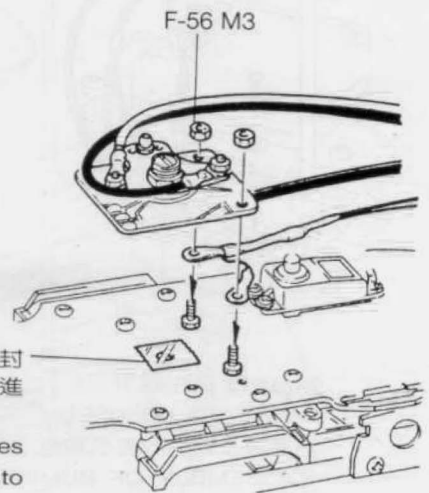
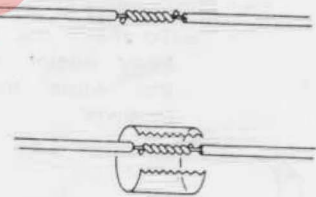


① 先調整伺服機及變速器之中心位置。

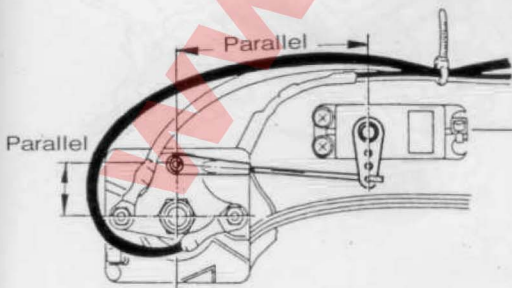
② 量出長度組合伺服機拉桿。

1. Adjust central position of servo and transfer.

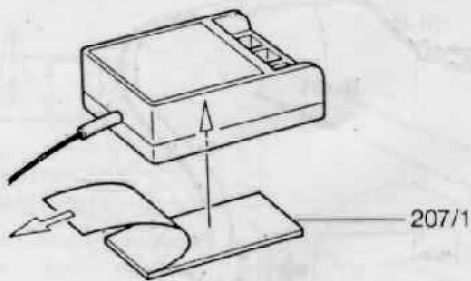
2. Measure the length of servo rod and install it.



取膠布將此孔封住，以防灰塵進入鏈條槽內。
Cover the holes with tape to keep out dirt.



請保持伺服機拉板及變速器移動板之平行位置。
Keep the servo horn and speed control horn as parallel.



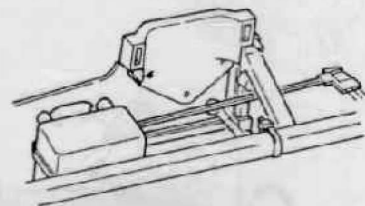
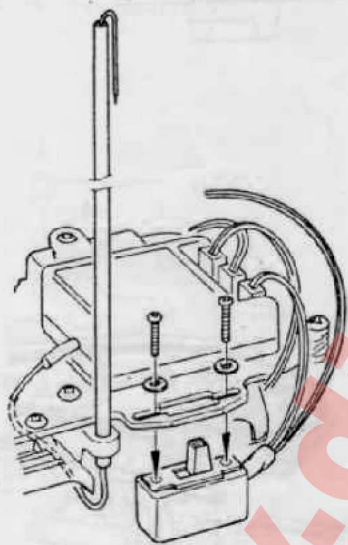
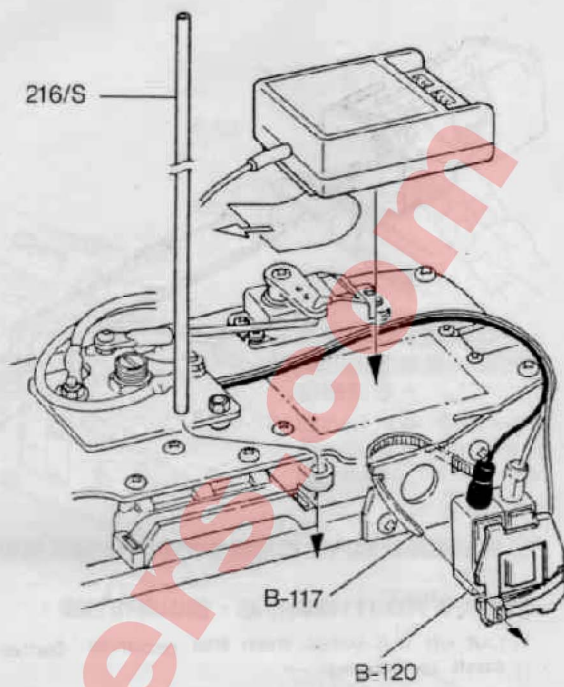
① 開關組合完成後，將伺服機電源線
插入接收機，裝上已充電之7.2V
1200mA電池，測試前輪轉向、馬達
、變速是否正確。

② 環繞於接收機四周之電池線，予以
整理束綁，可免影響車殼安裝。

1. Connect the servo wires to the
receiver and assemble the on/off
switch. Then connect the 7.2V
battery.

Now check to see if the steering
right/left is correct, and if motor
is going in correct direction.

2. To make the installation of the
body easier, neatly bundle all
the wires that surround the
receiver.



組合前，請先取：

PARTS TO BE USED:

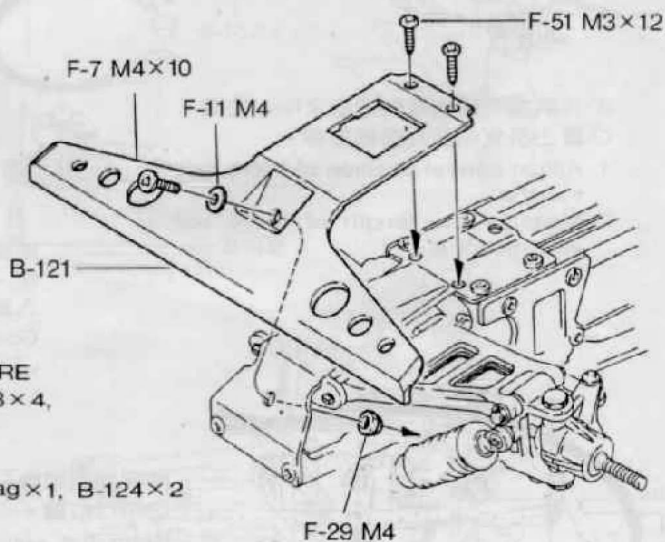
防撞板及輪胎的完成組合：

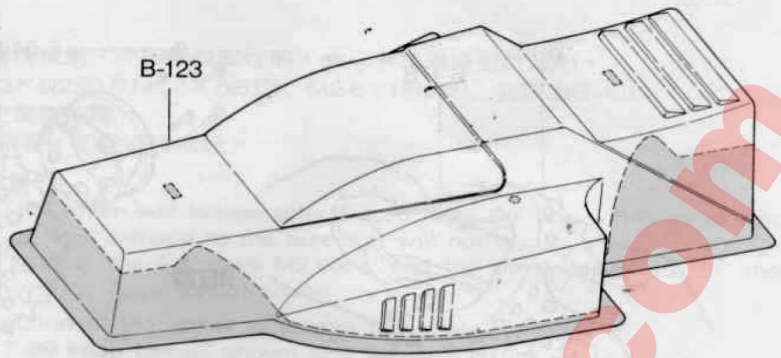
* ASSEMBLY OF BUMPER AND TIRE

B-121×1, B-16×4, B-17A×4, B-17B×4,
B-17C×4, B-123×1, B-125×1

1 號包——螺絲包×1, B-124×2

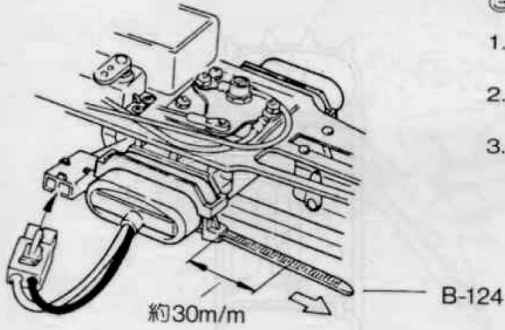
PARTS PACK NO. 1——Screws Bag×1, B-124×2



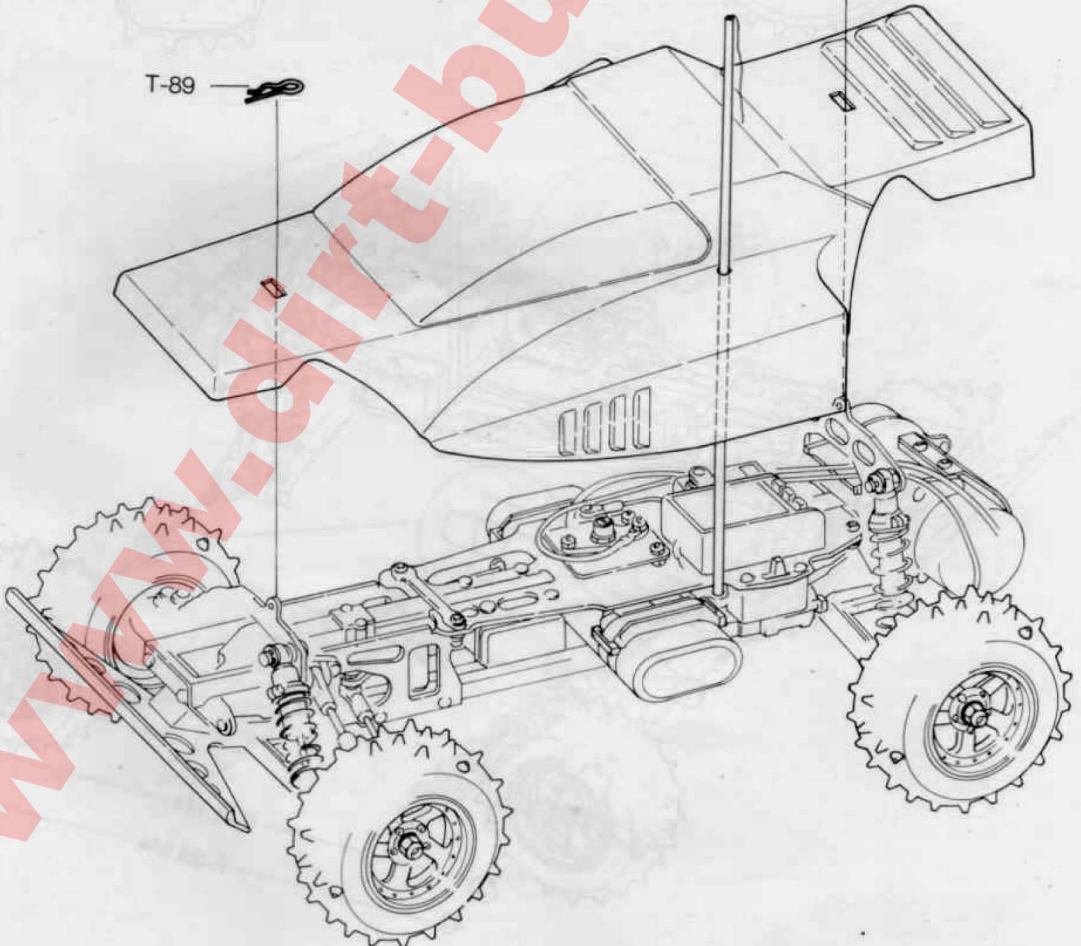


- ① 剪掉車殼虛線部份，並漆上您喜愛的顏色。
- ② 割開B-125，貼在車殼上。
- ③ 7.2V 1200mA電池以B-124束緊。

1. Cut off the shaded parts and paint color as you like.
2. Cut the B-125 decal sheet and stick on the body.
3. Bind the 7.2V battery with B-124 strap (L).



T-89



鏈條調整：

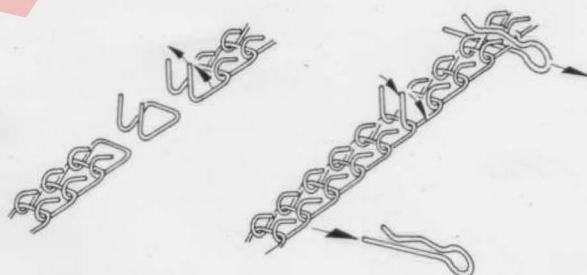
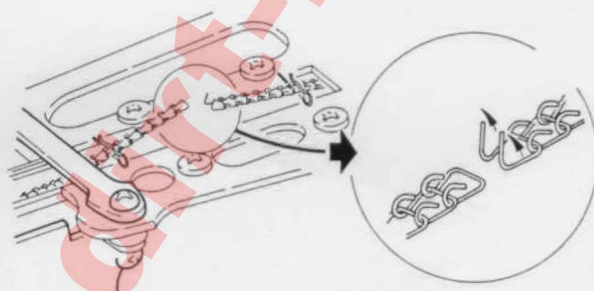
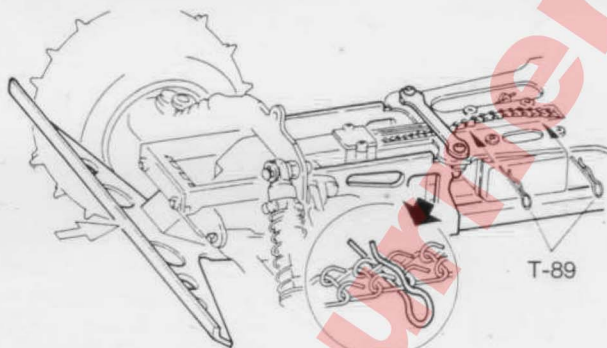
鏈條因使用過久會產生鬆垮現象，而影響傳動性能，故必須將鏈條酌量減除。

- ① 先鬆開固定B-116之M3×8(2支)及M2.6×6(6支)，M2.6×15(2支)，並取出B-101。
- ② 依箭頭方向往後推，使鏈條較鬆。
- ③ 依圖示，以T-89扣住兩邊，即可進行減除。

* ADJUSTMENT OF CHAIN:

Under normal operation, the chain will loosen after 5 to 6 runs. So, you will have to adjust the tension accordingly so that damage to the sprocket will not occur.

1. Loosen the 2 screws M3×8, the 6 screws M2.6×6, and the screw M2.6×15 in the B-116 strut plate. Remove the upper chain cover.
2. Push back in the direction of the arrow to loosen the chain.
3. Hold the chain with T-89 snap pin as shown and take away link.



零件明細表 PARTS LIST:

編號 NO.	品 名 DESCRIPTION	數量 QTY	編號 NO.	品 名 DESCRIPTION	數量 QTY
B-1	前油壓鋁管(短) Front shock case	2	B-33	後側鋁板(左) Rear plate (L)	1
B-2	彈簧調整頭 Spring adjuster	4	B-34	後側鋁板(右) Rear plate (R)	1
B-3	前避震器桿(短) Front shock piston (short)	2	B-35	馬達保護片固定桿 Fixing collar	1
B-4	銅華司(0.5×5.2×10m/m) Brass washer 0.5×5.2×10m/m	4	B-36	逆轉齒輪 Counter gear	1
B-5	P.3油封 Shock seal	9	B-37	逆轉齒輪軸 Counter gear shaft	1
B-6	鐵弗龍油封 Teflon seal	4	B-38	後齒輪箱防塵蓋 Rear gear box cap	1
B-7	塑膠華司 Plastic washer	4	B-39	後避震器固定梢 Rear shock stud	2
B-8	銅蓋 Shock stopper	4	B-40	後避震器支撐鋁板 Rear shock plate	1
B-9	前油壓彈簧(短) Front spring	2	B-41	前齒輪箱(左) Front gear box (L)	1
B-10	彈簧座 Spring cap	4	B-42	前齒輪箱(右) Front gear box (R)	1
B-11	拉桿頭 Shock head	4	B-43	前擺臂連接鋁片 Joint plate	1
B-12	後油壓鋁管(長) Rear shock case (long)	2	B-44	擋泥板 Fender	1
B-13	後避震器桿(長) Rear shock piston (long)	2	B-45	防撞U型座 U-type support	1
B-14	後油壓彈簧(長) Rear spring (long)	2	B-46	車身鋁條 Main chassis	2
B-15	避震器油 Shock oil	1	B-47	F.R.P板後座 F.R.P. Rear post	2
B-16	輪 胎 Tire	4	B-48	前側鋁板 Front side plate	2
B-17A	外 輪 骨 Wheel (1)	4	B-49A	前支軸座(左) Front pivot (L)	1
B-17B	內 套 Wheel (2)	4	B-49B	前支軸座(右) Front pivot (R)	1
B-17C	內 輪 骨 Wheel (3)	4	B-50	F.R.P板前座 F.R.P. Front post	2
B-18	培林8×14×4m/m Bearing 8×14×4m/m	4	B-51	鏈條引導槽(下) Lower chain guide	1
B-19	軸 套 Joint	4	B-52	鏈條引導槽蓋(下) Lower chain cover	1
B-20	扣鏈齒(A)18齒 Sprocket (A), 18T	1	B-53	鏈條引導片(下) Lower chain guide piece	1
B-21	扣鏈齒(B)19齒 Sprocket (B), 19T	1	B-54A	緩衝組鋼柱 Servo saver shaft	1
B-22	小傘齒(A) Bevel pinion (A)	4	B-54B	緩衝組輔助軸(長) Servo saver shaft (long)	1
B-23	小傘齒(B) Bevel pinion (B)	4	B-55	緩衝組彈簧 Saver spring	1
B-24	斜角軸 Bevel shaft	2	B-56	緩衝組膠片(A) Saver plate(A)	1
B-25	扣鏈齒(C)18齒 Sprocket (C), 18T	1	B-57	緩衝組膠片(B) Saver plate (B)	1
B-26	主 齒 輪 Main gear	1	B-58	緩衝組膠片(C) Saver plate (C)	1
B-27	大 鋁 齒 Pinion gear	1	B-59	緩衝組輔助軸(短) Servo saver shaft (short)	1
B-28	後齒輪箱(左) Rear gear box (L)	1	B-60	2.6m/m 球型螺帽 Ball nut M2.6	4
B-29	後齒輪箱(右) Rear gear box (R)	1	B-61A	2.6m/m 銅珠(無邊) Copper ball M2.6	2
B-30	銅襯5×10×4m/m Bushing 5×10×4m/m	10	B-61B	2.6m/m 銅珠(有邊) Copper ball with flange M2.6	2
B-31	鏈 條 Chain	1	B-62	緩衝組間隔鋁片 Saver spacer	1
B-32	中心齒輪軸 Center gear shaft	1	B-63	圓型尾桿頭 Ballend	4

編號 NO.	品名 DESCRIPTION	數量 Q'TY	編號 NO.	品名 DESCRIPTION	數量 Q'TY
B-64	2m/m 螺絲軸 Screw shaft 2m/m	4	B-97	耳形插梢(小) Snap pin (S)	1
B-65	前輪轉向軸(左) Front rocker arm (L)	1	B-98	F.R.P. 板 F.R.P. Plate	1
B-66	前輪轉向軸(右) Front rocker arm (R)	1	B-99	電池固定座 Battery support	2
B-67	前後輪軸 Front & rear shaft	4	B-100	鏈條引導槽(上) Upper chain guide	1
B-68	轉向U型座(左) U-type hub (L)	1	B-101	鏈條引導槽蓋(上) Upper chain cover	1
B-69	轉向U型座(右) U-type hub (R)	1	B-102	鏈條引導片(上) Upper chain guide piece	1
B-70	轉向軸固定螺絲 Rocker arm pin	4	B-103	變速器移動板 Speed control horn	1
B-71	前擺臂固定軸 Front suspension fixed shaft	2	B-104	空心鋁螺絲 Speed control pivot	1
B-72	前擺臂 Front suspension arm	2	B-105	空心鋁螺絲螺帽 Speed control nut	1
B-73	前後擺臂支柱 Suspension shaft	4	B-106	移動板接點頭 Speed control contact point	2
B-74	轉向拉桿頭 Rod head	12	B-107	馬達電源線(+、-) Motor cord	1
B-75	上方拉桿軸 Upper rod	4	B-108	電路板 PC Board	1
B-76A	3m/m 銅珠(無邊) Copper ball M3	6	B-109	變速器彈簧 Speed control spring	1
B-76B	3m/m 銅珠(有邊) Copper ball with flange M3	6	B-110	變速器固定梢 Speed control fixed head	1
B-77	防鬆膠 Screw locking cement	1	B-111	降壓開關電源線 Regulator	1
B-78	前後輪傳動桿 Front & rear swing shaft	4	B-112	7.2V 母座矽質電源線 Connector	1
B-79	前避震器固定梢 Front shock tip	2	B-113	水泥電阻組 Resistor	1
B-80	前避震器支撐鋁板 Front shock plate	1	B-114	伺服機座 Servo mount	1
B-81	轉向拉桿軸 Turn rod	2	B-115	支撐架 Radio plate support	1
B-82	後側板連接鋁桿 Joint collar	1	B-116	F.R.P. 板補強鋁片 Strut plate	1
B-83	後輪圈軸座(左) Rear hub (L)	1	B-117	小束帶 Strap (S)	5
B-84	後輪圈軸座(右) Rear hub (R)	1	B-118	伺服機拉桿 Servo rod	2
B-85	馬達保護片 Motor cover	1	B-119	中束帶 Strap (M)	1
B-86	後擺臂 Rear suspension arm	2	B-120	水泥電阻保護鋁片 Protector	1
B-87	後擺臂固定軸 Rear suspension fixed shaft	2	B-121	防撞板 Bumper	1
B-88	中心齒輪 Center gear	1	B-122	驅動螺帽 Drive washer	4
B-89	銅襯 4×8×9.5m/m Bushing 4×8×9.5m/m	1	B-123	車殼 Body	1
B-90	RS-540SD 馬達 RS-540SD Electric motor	1	B-124	大束帶 Strap (L)	2
B-91	海綿套 Sponge cover	1	B-125	貼紙 Decal sheet	1
B-92	橡膠圈 Rubber tie	1	207/1	1m/m 雙面膠布 Twin tape 1m/m	1
B-93	小鋁齒 Pinion gear (S)	1	216/S	塑膠天線管 Antenna Pipe	1
B-94	中鋁齒 Pinion gear (M)	1		1.5m/m 六角扳手 Allen wrench 1.5m/m	1
B-95	傳動齒保護蓋 Gear cover	1		2m/m 六角扳手 Allen wrench 2m/m	1
B-96	單面膠布防塵條 Gear cover seal	1	T-89	耳形插梢(大) Snap pin (L)	2

訂購零件包明細表 ORDER PARTS LIST:

零組件編號 ORDER NO.	名稱 DESCRIPTION	單位 UNIT	零件內容 CONTENTS
BG-1	前油壓避震器 Front shock absorbers	對 pair	B-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11×2
BG-2	後油壓避震器 Rear shock absorbers	對 pair	B-2, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14×2
BG-3	輪胎 Tires	對 pair	B-16×2
BG-4	輪圈 Wheels	組 set	B-17A, B-17B, B-17C×1
BG-5	培林8×14×4m/m新品 Bearing 8×14×4m/m	對 pair	B-18×2
BG-6	軸套 Joint	對 pair	B-19×2
BG-7	前差速器 Front differential gear	組 set	B-20, 21, 24×1; B-22, 23×2
BG-8	後差速器 Rear differential gear	組 set	B-24, 25, 26×1, B-22, 23×2
BG-9	大鋸齒 Pinion gear	只 pc	B-27×1
BG-10	後齒輪箱組 Rear gear box	組 set	B-28, 29, 38×1
BG-11	銅襯5×10×4m/m Bushing 5×10×4m/m	對 pair	B-30×2
BG-12	鏈條 Chain	條 pc	B-31×1
BG-13	後剎鋁板組 Rear plate set	組 set	B-32, 33, 34×1
BG-14	馬達保護片組 Motor cover set	組 set	B-35, 85×1
BG-15	馬達傳動齒組 Counter gear set	組 set	B-5, 36, 37, 88, 89×1
BG-16	後避震器固定梢 Rear shock stud	對 pair	B-39×2
BG-17	後避震器支撐鋁板 Rear shock plate	組 set	B-40×1
BG-18	前齒輪箱組 Front gear box	組 set	B-41, 42×1
BG-19	前擺臂連接鋁片 Front suspension joint plate	組 set	B-43×1
BG-20	擋泥板(鋁) Fender	組 set	B-44×1
BG-21	防撞U型座 U-type support	組 set	B-45×1
BG-22	車身鋁條 Main chassis	對 pair	B-46×2
BG-23	F.R.P.板後座組 F.R.P. Rear post	組 set	B-47×2
BG-24	前側鋁板 Front side plate	對 pair	B-48×2
BG-25	前支軸座 Front pivot set	組 set	B-49A, 49B×1
BG-26	F.R.P.板前座組 F.R.P. Front post	組 set	B-50×2
BG-27	鏈條引導槽(下) Chain guide set (lower)	組 set	B-51, 52, 53×1
BG-28	緩衝組 Servo saver set	組 set	B-54A, 54B, 55, 56, 57, 58, 59, 62×1, B-60×3
BG-29	避震器油 Shock oil	罐 pc	B-15×1
BG-30	緩衝組連桿 Saver ballend	支 pc	B-63×2, B-64×1

零組件編號 ORDER NO.	名稱 DESCRIPTION	單位 UNIT	零件內容 CONTENTS
BG-31	前輪轉向軸 Front rocker arm set	對 pair	B-65, 66×1
BG-32	前後輪軸 Front & rear shaft	對 pair	B-67×2
BG-33	轉向U型座 U-type hub set	組 set	B-68, 69×1
BG-34	轉向軸固定螺絲 Rocker arm pin, 4pcs/bag.	包 bag	B-70×4
BG-35	前擺臂固定軸 Front suspension shaft	組 set	B-71×2
BG-36	前擺臂 Front suspension arm	組 set	B-72×2
BG-37	前後擺臂支柱 Suspension shaft, 2pcs/bag.	包 bag	B-73×2
BG-38	上方拉桿組 Upper rod set	組 set	B-74×2, B-75, 76A, 76B×1
BG-39	前後輪傳動桿 Front & rear swing shaft	對 pair	B-78×2
BG-40	前避震固定梢 Front shock stud	對 pair	B-79×2
BG-41	前避震器支撐鋁板 Front shock plate	組 set	B-80×1
BG-42	轉向連桿 Turn rod set	組 set	B-74×2, B-81, 61A, 61B×1
BG-43	後側板連接鋁桿 Joint collar	包 bag	B-82×1
BG-44	後輪圈軸座 Rear hub	組 set	B-83, 84×1
BG-45	後擺臂 Rear suspension arm	組 set	B-86×2
BG-46	後擺臂固定軸 Rear suspension shaft	組 set	B-87×2
BG-47	540馬達 Motor	只 pc	B-90×1
BG-48	馬達防塵套 Motor sponge cover	組 set	B-91, 92×1
BG-49	小鋁齒 Pinion gear (S)	只 pc	B-93×1
BG-50	中鋁齒 Pinion gear (M)	只 pc	B-94×1
BG-51	傳動齒保護蓋 Gear cover set	組 set	B-95, 96, 97×1
BG-52	F.R.P. 車身板 F.R.P. Plate	片 pc	B-98×1
BG-53	電池固定座 Battery support	對 pair	B-99×2
BG-54	鏈條引導槽(上) Chain guide set (upper)	組 set	B-100, 101, 102×1
BG-55	變速器組 Speed control set	組 set	B-106×2, B-103, 104, 105, 108, 109, 110, 111, 60×1
BG-56	7.2V 母座矽質電源線 Connector	組 set	B-112×1
BG-57	伺服機座 Servo mount	只 pc	B-114×1
BG-58	F.R.P. 板支撐架 Radio plate support	只 pc	B-115×1
BG-59	F.R.P. 板補強鋁片 Strut plate	片 pc	B-116×1
BG-60	小束帶 Strap (S), 5pcs/bag.	包 bag	B-117×5

零組件編號 ORDER NO.	名稱 DESCRIPTION	單位 UNIT	零件內容 CONTENTS
BG-61	伺服機拉桿 Servo rod	組 set	B-63, 118×2
BG-62	中束帶 Strap (M), 5pcs/bag.	包 bag	B-119×5
BG-63	水泥電阻保護鉛片 Resistor protector	包 bag	B-117, 120×1
BG-64	防撞板 Bumper	包 pc	B-121×1
BG-65	驅動螺帽 Drive washer, 4pcs/bag.	包 bag	B-122×4
BG-66	車殼 Body	包 pc	T-89×2, B-123×1
BG-67	大束帶 Strap (L), 4pcs/bag.	包 bag	B-124×4
BG-68	貼紙 Decal sheet	張 pc	B-125×1
BG-69	3m/m銅珠(無邊) Copper ball M3	包 bag	B-76A×10
BG-70	3m/m銅珠(有邊) Copper ball with flange M3	包 bag	B-76B×10
BG-71	2.6m/m銅珠(無邊) Copper ball M2.6	包 bag	B-61A×10
BG-72	2.6m/m銅珠(有邊) Copper ball with flange M2.6	包 bag	B-61B×10
BG-73	防鬆膠 Screw locking cement	支 pc	B-77×1
BG-74	小獵犬專用海綿輪胎 Sponge tires	包 set	240×4
BG-75	耳形揸梢(小) Snap pin(S)	包 bag	B-97×10
BG-76	轉向拉桿頭 Rod head	包 bag	B-74×12
BG-77	前差速器扣鏈齒組 Front diff. sprocket gear set	組 set	B-20, 21×1
BG-78	前差速器小傘齒組 Diff. bevel pinion set	組 set	B-22, 23×1
BG-79	後差速器主齒·扣鏈齒組 Rear diff. sprocket gear set	組 set	B-25, 26×1
BG-80	緩衝組輔助軸(組) Rear servo saver shaft set	組 set	B-54A, 54B, 59×1
BG-81	緩衝組膠片 Saver plate set	組 set	B-56, 57, 58×1
BG-82	2.6m/m球型螺帽 Ballnut 2.6m/m	包 bag	B-60×10
BG-83	圓型尾桿頭 Ballend	包 bag	B-63×10
BG-84	銅襯4×8×9.5m/m Bushing 4×8×9.5m/m	包 bag	B-89×2
BG-85	P.C.板附銀接點頭 Speed control contact point	包 bag	B-108×1, B-106×2
BG-86	銀接點頭 Contact point	包 bag	B-106×2
BG-87	水泥電阻 Resistor	組 set	B-113×1