MS-01D Pro

1 / 10 DRIFT CHASSIS

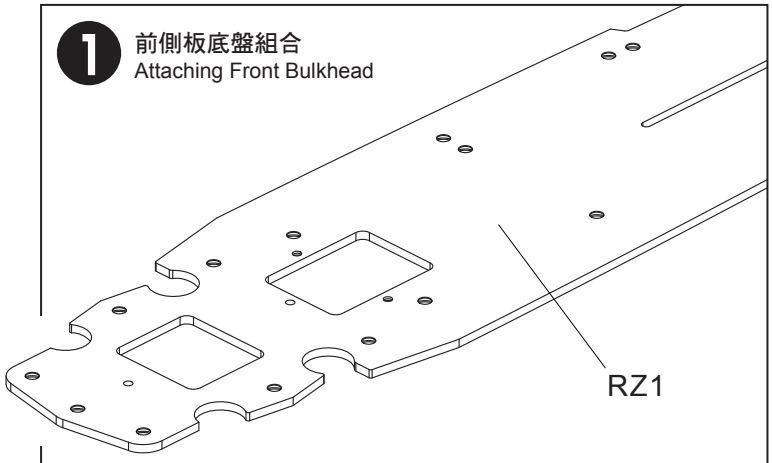
MST max SPEED TECHNOLOGY

ADDENDUM MANUAL

Carefully read through this addendum manual before you reading the original **MS-01D pro** instruction manual and assembling your new **MS-01D pro**. You should read through this addendum manual completely and mark each step in the standard manual that is found in this manual. When the marked step is reached in the standard manual, refer to this addendum for new assembly instructions pertaining to the new **MS-01D pro**.

請在您閱讀原版本 **MS-01D pro** 說明書前,先仔細閱讀此本 **MS-01D pro** 附件說明書! 您應該仔細比對原版本 **MS-01D pro** 說明書與此**MS-01D pro** 附件說明書中,每一步驟的編號與次序目的是為了新版本的零件需取代或調整原版本的零件裝配方式! 詳細請參閱本附件內容~

1 前側板底盤組合
Attaching Front Bulkhead



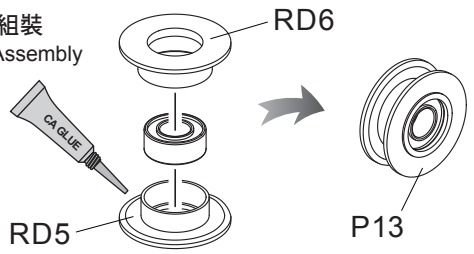
請將 **RZ1** 取代塑膠底盤。
Please exchange plastic chassis for **RZ1**.

2 馬達座底盤組合
Attaching Motor Mount

The new lower deck is upgraded to better performance and stiffness, so the 210112 Main shaft mount supporting bar of last edition had been canceled. Please purchase additionally for higher stiffness setting requirement!

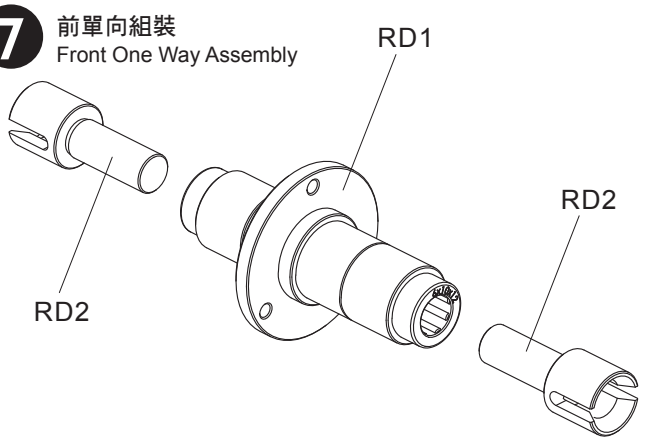
因新版本更換纖維底盤，性能與剛性已有大幅提升，所以原廠已取消 210112 主軸座支撐桿的設定! 如需更高剛性的設定，請另購!

4 後皮帶壓輪組裝
Rear Pulley Assembly



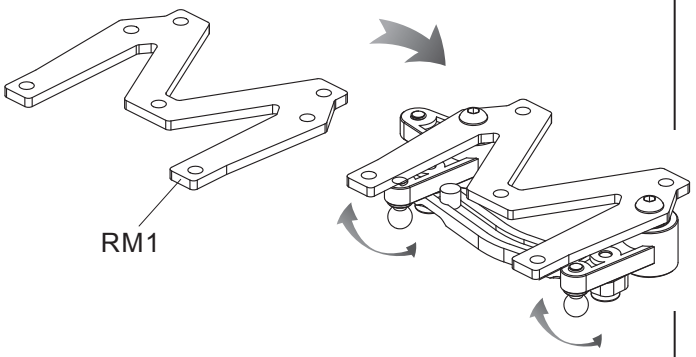
請將 **RD6** & **RD5** 取代 **P13**。
Please exchange **P13** for **RD6** & **RD5**.

7 前單向組裝
Front One Way Assembly



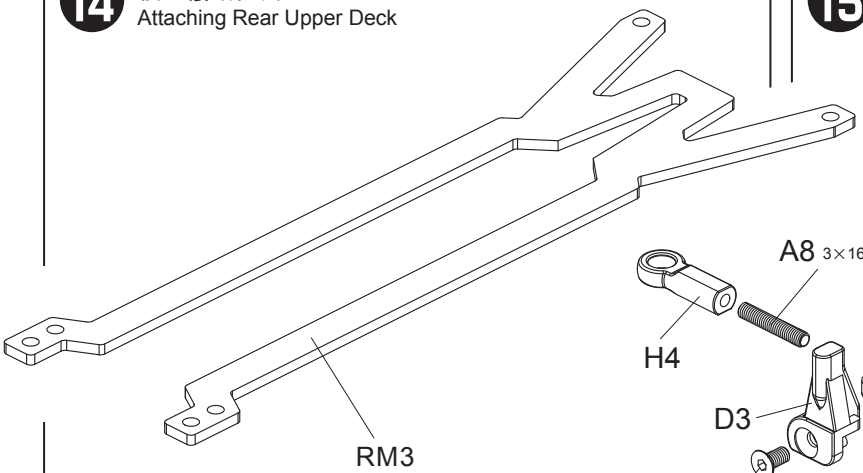
請將 **RD1** & **RD2** 取代 **D1** & **D2**。
Please exchange **D1** & **D2** for **RD1** & **RD2**.

11 轉向搖臂組裝
Steering Arm Assembly



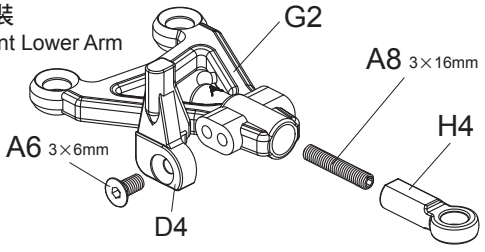
請將 **RM1** 取代 **M1**。
Please exchange **M1** for **RM1**.

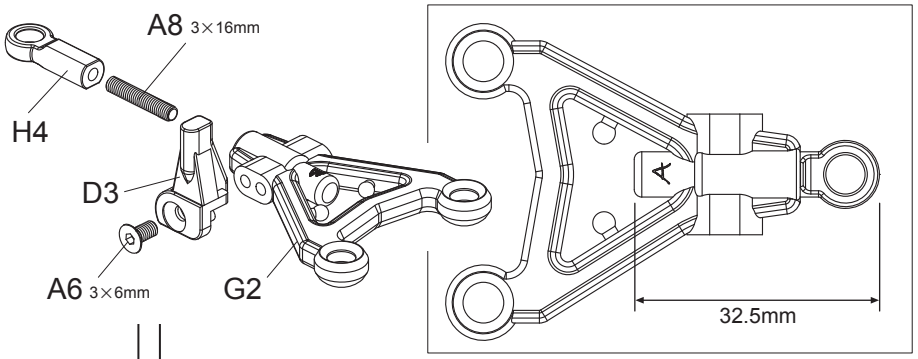
14 後二樓板組裝
Attaching Rear Upper Deck



請將 **RM3** 取代 **M3**。
Please exchange **M3** for **RM3**.

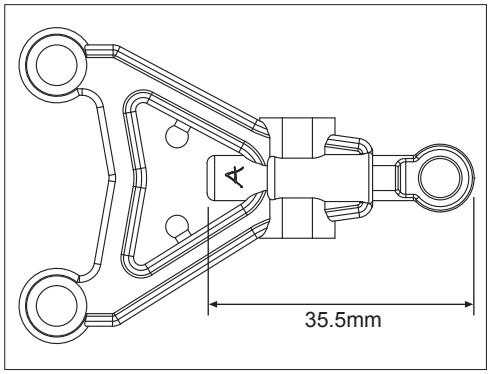
15 前下擺臂組裝
Attaching Front Lower Arm





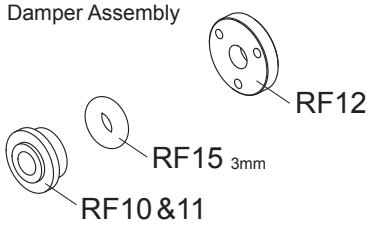
改變原設定值至如圖。
Change the setting to shown in figure.

16 後下擺臂組裝
Attaching Rear Lower Arm



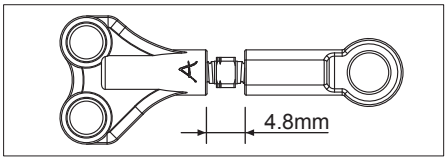
※ 改變原設定值至如圖。
Change the setting to shown in figure.

17 避震器組裝
Damper Assembly



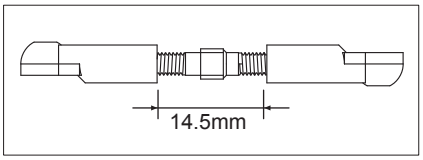
請將 **RF12, RF15, RF10&11**
取代 **F12, F15, F10&11**。
Please exchange **F12, F15, F10&11**
for **RF12, RF15, RF10&11**.

22 前上擺臂組裝
Attaching Front Upper Arm



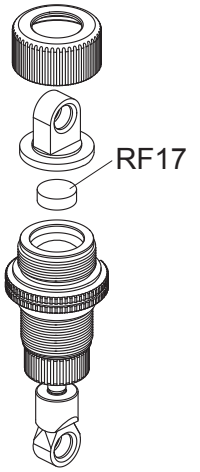
※ 改變原設定值至如圖。
Change the setting to shown in figure.

24 轉向拉桿組裝
Steering Rod Assembly



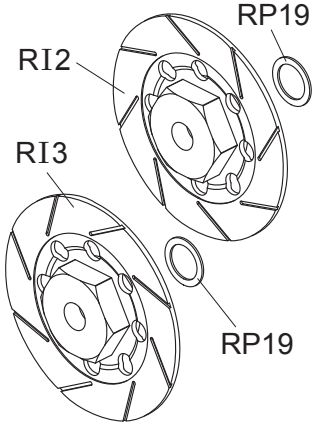
※ 改變原設定值至如圖。
Change the setting to shown in figure.

19 避震油組裝
Damper Oil



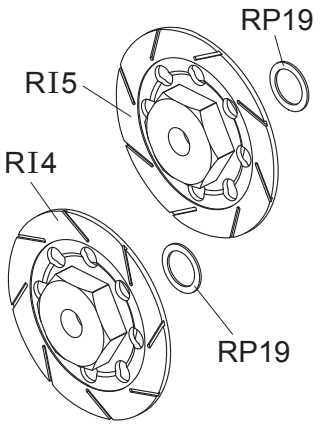
新增 **RF17** 6.5×2 泡綿。
Add **RF17** 6.5×2 sponge.

26 前輪座組裝
Front Axle Assembly



請將 **RI2, RI3** 取代 **I2, I3**。
Please exchange **I2, I3** for **RI2, RI3**.
新增 **RP19** 3×7×0.3 墊片。
Add **RP19** 3×7×0.3 spacer.

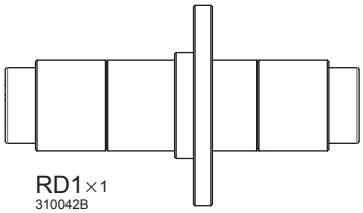
28 後輪座組裝
Rear Axle Assembly



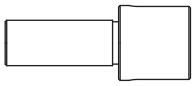
請將 **RI5, RI4** 取代 **I2, I3**。
Please exchange **I2, I3** for **RI5, RI4**.
新增 **RP19** 3×7×0.3 墊片。
Add **RP19** 3×7×0.3 spacer.

REPLACED PARTS

RD PARTS

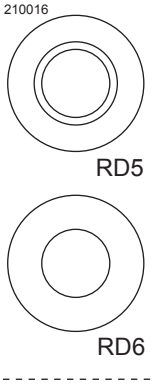


RD1×1
310042B
Alum. one way(blue)
單向組(藍)



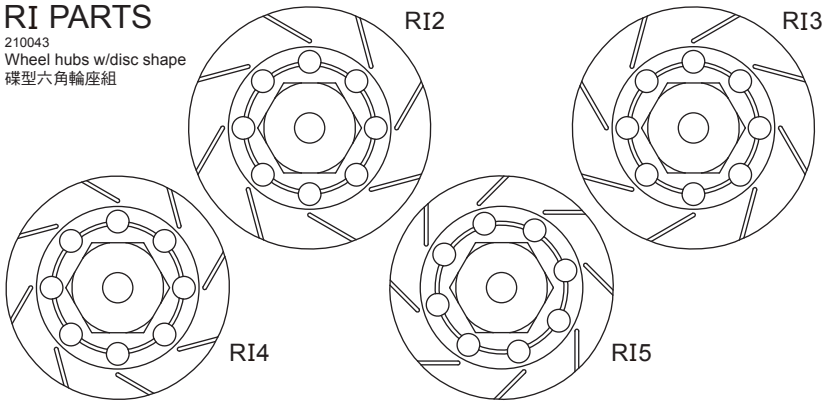
RD2×2
310043
One way joint
單向接杯

210016



RI PARTS

210043
Wheel hubs w/disc shape
碟型六角輪座組



RF PARTS



RF15×4
130028
Damper O-ring P3 (blue)
阻尼器O環 P3 (藍)



RF17×4
130021
6.5×2 sponge
6.5×2 泡綿

210235×4
Piston spacer set
避震器活塞墊片組

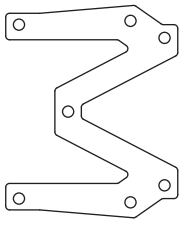


RF10&11



RF12

RM PARTS





RM3×1 MS Rear upper deck(FRP)2.0
210284 MS 纖維後二樓板2.0

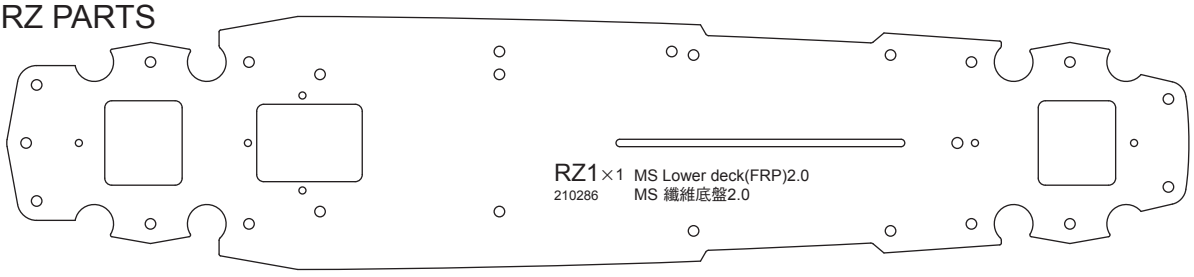
RM1×1 MS Front upper deck(FRP)2.0
210283 MS 纖維前二樓板2.0

RP PARTS



RP19×4
310023
5×7×0.3 spacer
5×7×0.3 墊片

RZ PARTS



RZ1×1 MS Lower deck(FRP)2.0
210286 MS 纖維底盤2.0

MS-01D Pro

1 / 10 DRIFT CHASSIS

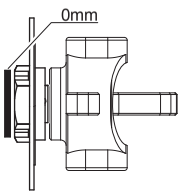
SETUP SHEET

ORINGINAL SETTING V1.0

DATE: _____ SURFACE: _____ NOTE: _____

TRACK: _____ GRIP: _____

Front Wheel Hubs



Front Caster

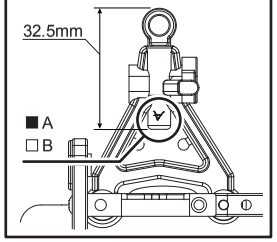
Front lower arm "A"

☐ 4° ☐ 7° ■ 10° ☐ 14°

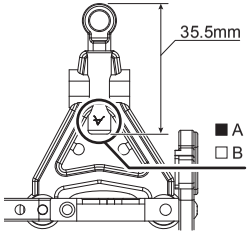
Front lower arm "B"

☐ 0° ☐ 4° ☐ 7° ☐ 10°

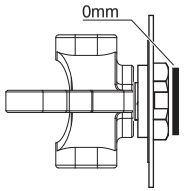
Front Lower Arm



Rear Lower Arm



Rear Wheel Hubs



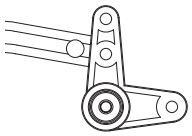
FRONT / REAR

Tire: _____ Tire: _____

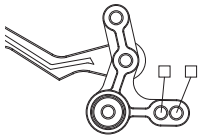
Wheel: _____ Wheel: _____

Offset: _____ Offset: _____

Steering Arm

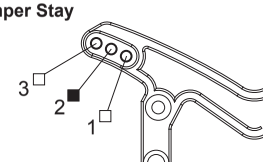


■ Plastic



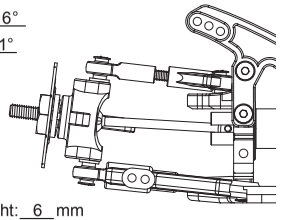
☐ Alum. Steering Arm

Front Damper Stay



Camber: 6°

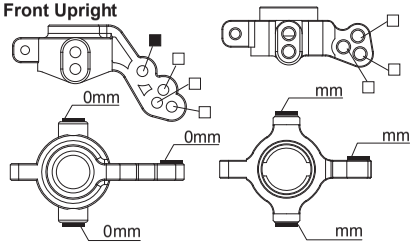
Toe-in: +1°



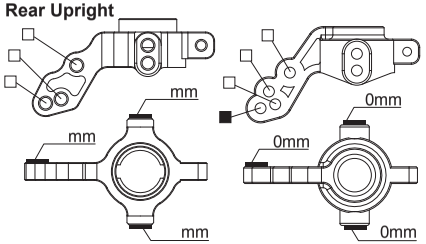
Ride Height: 6 mm

Droop: 6 mm

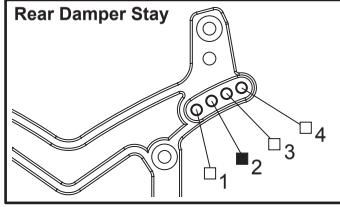
Front Upright



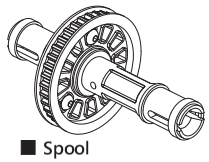
Rear Upright



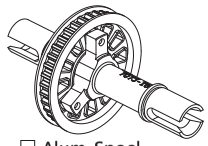
Rear Damper Stay



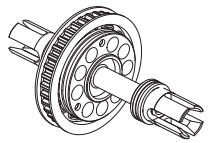
Rear Diff



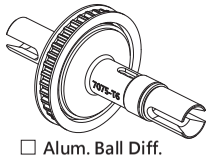
■ Spool



☐ Alum. Spool

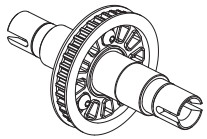


☐ Separating Spool

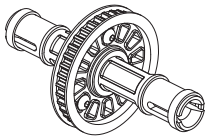


☐ Alum. Ball Diff.

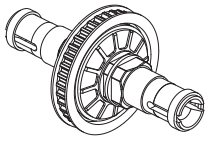
Front Diff.



■ Alum. One way

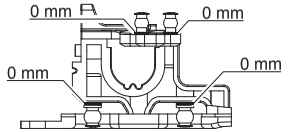


☐ Spool

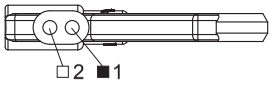


☐ Ball Diff.

Front Rollcenter



Front Lower Arm



Front Damper

Shock Oil: 300

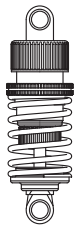
Length: 62 mm

Spring: 28 mm

Spring Color: Gold

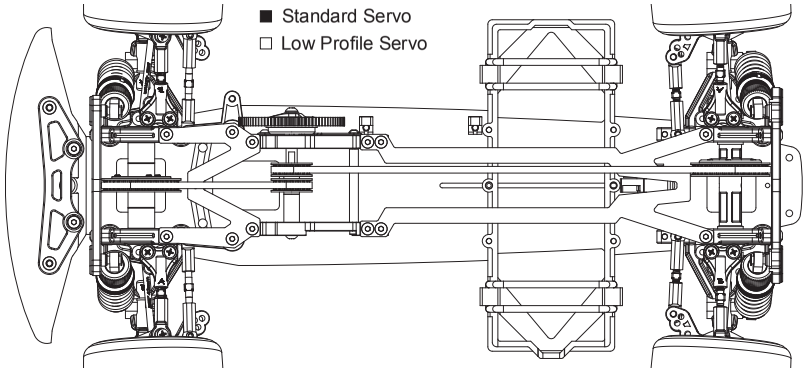
Piston: 1.2 mm

Piston Hole: 3



■ Standard Servo

☐ Low Profile Servo



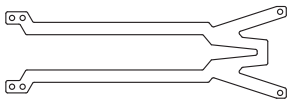
CS Ratio: ■ 1.0 ☐ 1.38 ☐ 1.54 ☐ 1.66 ☐ 1.82 ☐ 2.0

Gear Ratio: (Spur: 88 T / Pinion: _____T) x 2.0 = _____

Motor & ESC: _____ Battery: _____

Chassis & Upper Deck

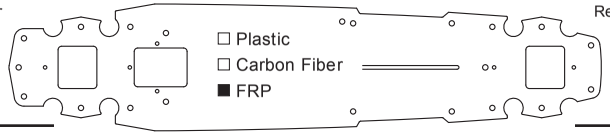
☐ Plastic
☐ Carbon Fiber
■ FRP



☐ Plastic
☐ Carbon Fiber
■ FRP

Front Anti-Roll Bar

☐ 1.0mm
☐ 1.2mm
☐ 1.4mm



☐ Plastic
☐ Carbon Fiber
■ FRP

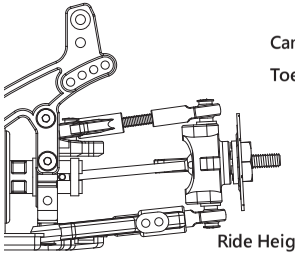
Rear Anti-Roll Bar

☐ 1.0mm
☐ 1.2mm
☐ 1.4mm

Rear Damper Stay

Camber: 4°

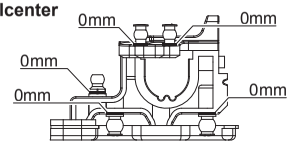
Toe-in: 4°



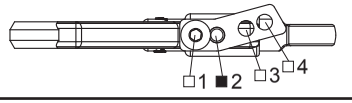
Ride Height: 5 mm

Droop: 7 mm

Rear Rollcenter



Rear Lower Arm



Rear Damper

Shock Oil: 300

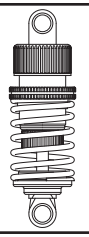
Length: 62 mm

Spring: 28 mm

Spring Color: Gold

Piston: 1.2 mm

Piston Hole: 3



Ballast:

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PARTS CODE

110001	Round head screw M3×6 (10)	110029	Round head screw M3×12 (6)	210014	O PARTS	210194	Steel CVD universal shaft (2)
110002	Round head screw M3×8 (10)	120001	Ball bearing 10×15 (4)	210016	R PARTS	210198	Steel turnbuckle 3x28 (blue) (2)
110003	Round head screw M2.5×6 (6)	120002	Ball bearing 5×10 (4)	210043	Wheel hubs w/disc shape	210235	Piston spacer set
110004	Round head screw M2×4 (6)	120003	Ball bearing 5×8 (4)	210101	Alum. Servo mount (2)	210283	MS Front upper deck (FRP) 2.0
110005	Flat head screw M3×8 (10)	130002	O-ring 11.5×1.5 (4)	210105	Alum. turnbuckle 3×60 (1)	210284	MS Rear upper deck (FRP) 2.0
110006	Set screw M3×5 (6)	130003	Battery O-ring (S) (2)	210111	CS pulley set (1.54/1.66/1.82)	310001	Ball connector 4.8×4.5 (5)
110007	Set screw M3×6 (6)	130004	Oil seal (4)	210111-1	40T pulley	310003	Cylinder cap (2)
110009	Set screw M3×20 (6)	130005	Bumper (A)	210111-2	11T/12T/13T pulley	310004	Spring retainer (2)
110010	Round head screw M2.5×14 (6)	130006	Double sided tape (5)	210115	Alum. damper set (4)	310005	Rod guide cap (2)
110011	Cap head screw M3×6 (6)	130007	Antenna pipe (2)	210116	Alum. spur gear holder cover	310006	Wheel axle (2)
110012	Cross round head screw M3×11 (10)	130008	Black grease	210117	Alum. spur gear holder	310007	CVA swing shaft 42 (2)
110013	E-clip E2.0 (10)	130009	Damper oil #300	210123	Alum. belt stabilizer mount	310008	Piston rod (4)
110014	Cross round head screw M3×13 (10)	130011	Tools	210132	4.8 ball connector (5)	310009	Direct center shaft
110015	Flange nut M4 (4)	130028	Damper O-ring P3 (blue) (10)	210133	5.8 ball connector (5)	310016	CVA universal shaft set 42
110016	R-clip R6 (10)	210002	C PARTS	210135	Alum. main shaft mount R/L	310019	Alum. spacer 3×5.5×2.0
110017	Shaft 2×9.8 (10)	210004	E PARTS	210144-2	Coil spring set 28mm (medium) (gold) (2)	310023	Spacer 5×7×0.3 (8)
110018	Shaft 2×13.8 (5)	210005	F PARTS	210145	Brake calipers (4)	310042B	Alum. one way (general) (blue)
110019	Shaft 2×11.8 (5)	210006	G PARTS	210146	Steel CVD universal shaft set 42 (2)	414225	Drive belt-225
110021	Lock nut M3 (5)	210007	H PARTS	210151	Alum. damper cylinder (4)	414228	Drive belt-228
110023	Set screw M3×16 (6)	210008	I PARTS	210155	Servo Saver Spring(medium)(blue)	414486	Drive belt-486
110024	Flat head screw M3×6 (10)	210009	J PARTS	210166	Steel turnbuckle 3x20 (blue) (2)		
110025	Round head taping screw 2.6X10 (6)	210010	K PARTS	210168	Steel turnbuckle 3x25 (blue) (2)		
110026	Round head screw M3×10 (10)	210012	N PARTS	210183	Alum. steering post (2)		
110027	Cap head screw M2×8 (6)	210013	Spur gear 88T-48P	210193	Cross joint (4)		

OPTION PARTS CODE

310013	Pinion stocker	210121	Alum. spool unit	210145B	Brake calipers-blue (4)	210205-4	DK Coil spring 30mm (super soft) (white) (2)
310017	Alum. spacer 3x5.5x0.5	210122	Alum. steering arm	210145GD	Brake calipers-Gold (4)	210206	Alum. Antenna Pipe Mount (Generalized)
310018	Alum. spacer 3x5.5x1.0	210124	Alum. belt pulley	210145R	Brake calipers-red (4)	210207	Alum. Pulley 10T
310020	Spacer 3x5x0.1 (8)	210125	Carbon front upper deck 2.0	210147	Servo Saver Spring (hard) (black)	210208	Alum. Pulley 11T
310021	Spacer 3x5x0.3 (8)	210126	Carbon rear upper deck 2.0	210148	Alum. motor heatsink	210209	Alum. Pulley 12T
310022	Spacer 5x7x0.1 (8)	210127	Carbon front damper stay 2.5	210157	Alum. CVD universal shaft set 42 (2)	210210	Alum. Pulley 13T
310024	Spacer 10x12x0.1 (8)	210128	Carbon rear damper stay 2.5	210159	5.8x4 ball connector (4)	210211	Alum. Pulley 18T
310025	Spacer 10x12x0.3 (8)	210130	Carbon lower deck 2.0	210160	5.8x6 ball connector (4)	210272	4mm Alum. turnbuckle wrench
310028B	Alum. spacer 3x5.5x3.0 (blue)	210134	Alum. upper bulkhead R/L (blue)	210161	4.8 ball connector nut (4)	210273	Coil spring set 29mm (8)
414222J	Drive belt-222 (Japan)	210136	Alum. bulkhead R/L (blue)	210162	Alum. small belt pulley mount	210273-1	Coil spring 29mm (hard) (silver)
414225J	Drive belt-225 (Japan)	210137	4mm Turnbuckle wrench	210163	Alum. hex wheel hubs (4)	210273-2	Coil spring 29mm (medium) (gold)
414486J	Drive belt-486 (Japan)	210140	Carbon battery holder set (black)	210178	Front motor mount conversion kit	210273-3	Coil spring 29mm (soft) (red)
210102	Alum. one way unit	210142	Alum. bumper support	210190	Reinforced suspension arm set (2)	210273-4	Coil spring 29mm (super soft) (white)
210110	Stabilizer set (F/R)	210143	Alum. Wheel Hubs (Brake Disc Shaped) (4)	210204	Alum. separating spool unit	210282	MST Diffuser
210112	Main shaft mount supporting bar	210144	Coil spring set 28mm	210205	DK Coil spring set 30mm	210285B	Alum. spring retainer (blue)
210113	Rear ball diff unit	210144-1	Coil spring set 28mm (hard) (silver) (2)	210205-1	DK Coil spring 30mm (hard) (silver) (2)		
210118	Alum. upright (blue) (2)	210144-3	Coil spring set 28 (soft) (red) (2)	210205-2	DK Coil spring 30mm (medium) (gold) (2)		
210120	Alum. high torque servo saver (F/KO)	210144-4	Coil spring set 28 (super soft) (white) (2)	210205-3	DK Coil spring 30mm (soft) (red) (2)		

部品編號

110001	六角半圓頭螺絲-M3×6 (10)	110029	六角半圓頭螺絲-M3×12 (6)	210014	O 部品	210194	鋼製 CVD 傳動軸 (2)
110002	六角半圓頭螺絲-M3×8 (10)	120001	培林-10×15 (4)	210016	轉向擋座	210198	鋼可調拉桿 3×28(藍) (2)
110003	六角半圓頭螺絲-M2.5×6 (6)	120002	培林-5×10 (4)	210043	碟型六角輪座組	210235	避震器活塞墊片組
110004	六角半圓頭螺絲-M2×4 (6)	120003	培林 5×8 (4)	210101	鋁合金伺服機座 (2)	210283	MS 纖維前二樓板2.0
110005	六角沉頭螺絲-M3×8 (10)	130002	O環-11.5×1.5 (4)	210105	鋁可調拉桿 3×60	210284	MS 纖維後二樓板2.0
110006	六角止付螺絲-M3×5 (6)	130003	電池O環(S) (2)	210111	反胎齒比總成(1.54/1.66/1.82)	310001	內六角公球頭4.8×4.5 (5)
110007	六角止付螺絲-M3×6 (6)	130004	避震氣室 (4)	210111-1	皮帶齒40T	310003	避震器上蓋 (2)
110009	六角止付螺絲-M3×20 (6)	130005	防撞泡棉(A)	210111-2	皮帶齒11T/12T/13T	310004	避震器調整環 (2)
110010	六角半圓頭螺絲-M2.5×14 (6)	130006	泡棉雙面膠 (5)	210115	鋁合金避震器組 (4)	310005	避震器下蓋 (2)
110011	六角有頭螺絲-M3×6 (半牙) (6)	130007	天線管 (2)	210116	鋁合金主齒固定板 (1)	310006	萬向接杯 (2)
110012	十字扁頭螺絲-M3×11 (10)	130008	黑色油膏	210117	鋁合金主齒固定座	310007	CVA狗骨42 (2)
110013	E扣-2.0 (10)	130009	避震油 300#	210123	鋁合金可調後皮帶壓輪座	310008	避震軸心 (4)
110014	十字扁頭螺絲-M3×13 (10)	130011	工具包	210132	4.8金屬球頭 (5)	310009	主齒軸
110015	凸緣螺帽-M4 (4)	130028	阻尼器O環P3(藍) (10)	210133	5.8金屬球頭 (5)	310016	CVA傳動軸組42
110016	R銷-6 (10)	210002	C 部品	210135	鋁合金主軸座 R/L	310019	鋁墊片3×5.5×2.0
110017	插銷-2×9.8 (10)	210004	E 部品	210144-2	避震彈簧28mm(中)(金) (2)	310023	墊片5×7×0.3 (8)
110018	插銷-2×13.8 (5)	210005	F 部品	210145	煞車卡鉗(無烤漆) (4)	310042B	鋁合金單向組(一般型)(藍)
110019	插銷-2×11.8 (5)	210006	G 部品	210146	鋼製CVD傳動軸組42 (2)	414225	皮帶-225
110021	防鬆螺帽-M3 (5)	210007	H 部品	210151	鋁合金避震筒身 (4)	414228	皮帶-228
110023	六角止付螺絲-M3×16 (6)	210008	I 部品	210155	緩衝器簧圈/中(藍)	414486	皮帶-486
110024	六角沉頭螺絲-M3×6 (10)	210009	J 部品	210166	鋼可調拉桿 3×20(藍) (2)		
110025	自攻六角半圓頭螺絲-2.6×10 (6)	210010	K 部品	210168	鋼可調拉桿 3×25(藍) (2)		
110026	六角半圓頭螺絲-M3×10 (10)	210012	N 部品	210183	轉向支柱 (2)		
110027	六角有頭螺絲-M2×8 (6)	210013	大齒盤88T-48	210193	連接軸 (4)		

改裝品編號

310013	MST齒輪收集器	210121	金屬直軸組	210145B	煞車卡鉗(電鍍藍) (4)	210205-4	DK避震彈簧30mm(超軟)(白) (2)
310017	鋁墊片3×5.5×0.5	210122	鋁合金轉向雙搖臂組	210145GD	煞車卡鉗(電鍍金) (4)	210206	鋁合金天線管座(通用型)
310018	鋁墊片3×5.5×1.0	210124	鋁合金後皮帶壓輪	210145R	煞車卡鉗(電鍍紅) (4)	210207	鋁合金皮帶輪10T
310020	墊片3×5×0.1 (8)	210125	碳纖維二樓板 F 2.0	210147	緩衝器簧圈/硬(黑)	210208	鋁合金皮帶輪11T
310021	墊片3×5×0.3 (8)	210126	碳纖維二樓板 R 2.0	210148	鋁合金馬達散熱片(可固定風扇)	210209	鋁合金皮帶輪12T
310022	墊片5×7×0.1 (8)	210127	碳纖維避震架 F 2.5	210157	鋁合金CVD傳動軸組42 (2)	210210	鋁合金皮帶輪13T
310024	墊片10×12×0.1 (8)	210128	碳纖維避震架 R 2.5	210159	5.8×4 球頭螺絲 (4)	210211	鋁合金皮帶輪18T
310025	墊片10×12×0.3 (8)	210130	碳纖維底盤 2.0	210160	5.8×6 球頭螺絲 (4)	210272	4mm 鋁合金拉桿扳手
310028B	鋁墊片3×5.5×3.0(藍)	210134	鋁合金上蓋組 R/L(藍)	210161	4.8 外六角球頭螺帽 (4)	210273	避震彈簧組29mm (8)
414222J	日製皮帶-222	210136	鋁合金側板 R/L (藍)	210162	鋁合金小皮帶壓輪座組	210273-1	避震彈簧29mm(硬)(銀)
414225J	日製皮帶-225	210137	4mm 拉桿板手	210163	鋁合金六角輪座 (4)	210273-2	避震彈簧29mm(中)(金)
414486J	日製皮帶-486	210140	碳纖維電池座組(黑)	210178	FS 前置馬達套件	210273-3	避震彈簧29mm(軟)(紅)
210102	鋁合金前單向組	210142	鋁合金防撞板上蓋	210190	強化擺臂組 (2)	210273-4	避震彈簧29mm(超軟)(白)
210110	防傾桿組(半車份/前後通用)	210143	鋁合金剎車碟六角輪座(1車份)	210204	鋁合金直軸組	210282	MST後擾流板
210112	主軸座支撐桿	210144	避震彈簧組28mm	210205	DK避震彈簧組 30mm	210285B	鋁合金彈簧托盤(藍)
210113	後金屬滾珠差速器組	210144-1	避震彈簧28mm(硬)(銀) (2)	210205-1	DK避震彈簧30mm(硬)(銀) (2)		
210118	鋁合金轉向輪座(2/前後通用)(藍)	210144-3	避震彈簧28mm(軟)(紅) (2)	210205-2	DK避震彈簧30mm(中)(金) (2)		
210120	鋁合金強力伺服緩衝器(F/KO)	210144-4	避震彈簧28mm(超軟)(白) (2)	210205-3	DK避震彈簧30mm(軟)(紅) (2)		