

ARC

INSTRUCTION MANUAL





RI10 2015




www.arc-rc.com.tw

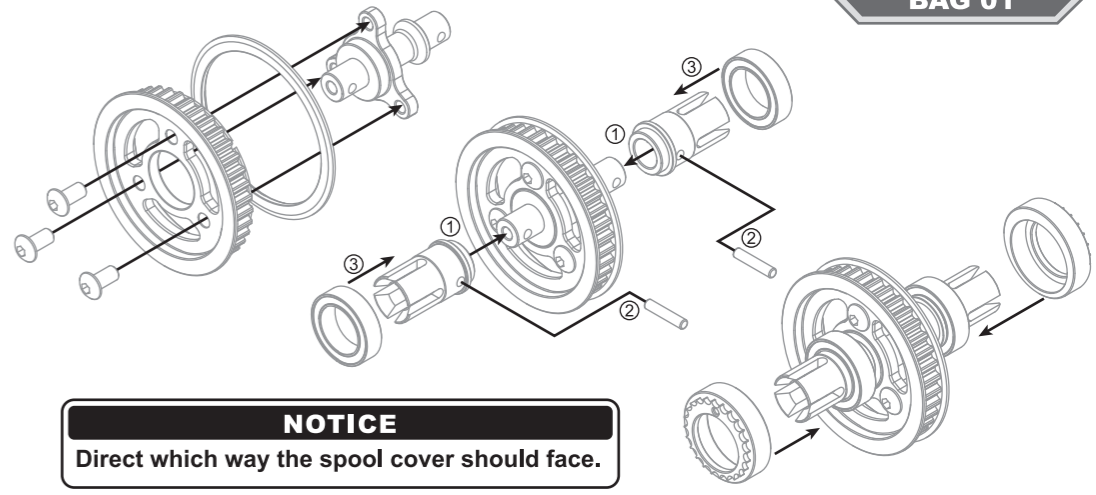
2015
RI10

NOTE :

BAG 01







-  **R102003**
Spool Axle Alu
-  **R10102A**
Front Spool Pulley Set 38T
-  **R103001**
Spool Outdrive (2pcs)
-  **R10101D**
Eccentric Hub

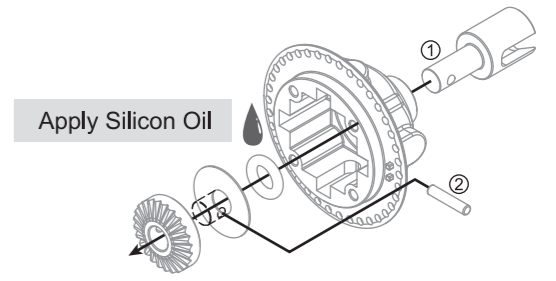
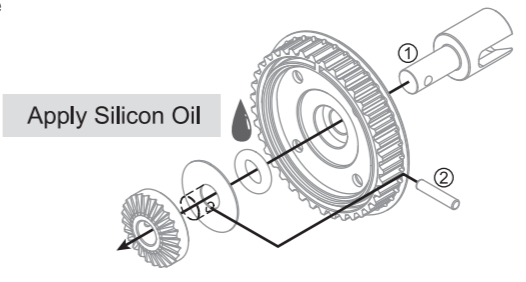
-  **R105104**
3x6 Screw
-  **R106101**
Ø2x9.8 Pin
-  **R106020**
10x15mm Ball Bearing



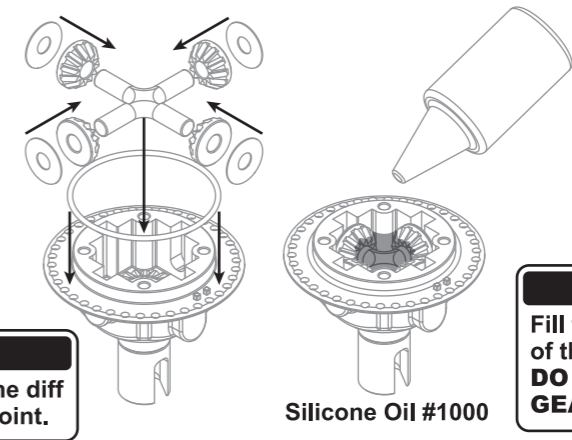
NOTICE
Direct which way the spool cover should face.

BAG 01

-  **R10102E**
Rear Diff Case
-  **R101110**
Diff Gears (with Axle)
-  **R102001**
Gear Diff Outdrive Alu
-  **R103024**
Gear Diff Shim Big
-  **R104006**
O'ring 5x2
-  **R106101**
Ø2x9.8 Pin





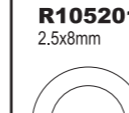
-  **R101110**
Diff Gears (with Axle)
x 4pcs
-  **R103023**
Gear Diff Shim small
-  **R104005**
O'ring 26x1

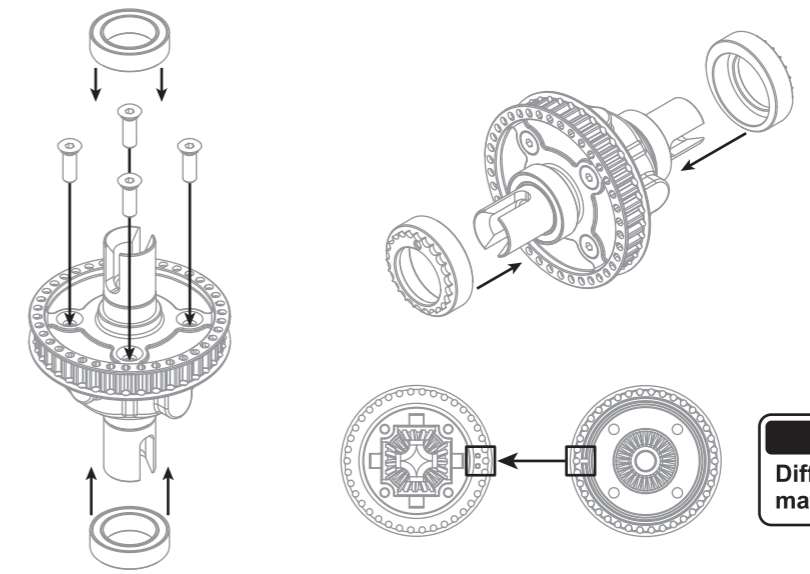


NOTICE
Trim any excess flashing from the diff gear axle at the mold injection point.

NOTICE
Fill the diff oil to just cover the inside bevel of the gears.
DO NOT COMPLETELY COVER THE GEARS WITH OIL.

BAG 01

-  **R10101D**
Eccentric Hub
-  **R105201**
2.5x8mm
-  **R106021**
10x15mm Ball Bearing



NOTICE
Diff case direction needs to match as below.

BAG 02

- R102034** Shock ADJ Nut Alu Short
- R102033** Shock Low Cap Alu short
- R103013** Shock Shaft
- R105501** E-Clip 2mm
- R104002** O'ring 3x2
- R102067** Shock Body Long Big Bore
- R104015** Shock Shaft Shim
- R104023** Shock Piston Big Bore Long 1.1mm x3

Apply shock oil before assembly

BAG 02

Option parts

- R104018** Shock Piston Big Bore 1.1mm x4
- R104013** O'ring 13x1

Silicone Oil #500

25%
50%
75%

PUSH

Fill the shock oil to the top of the shock body

Move the shaft up and down to let the air escape from the oil

Adjust shock rebound by push extra oil out from damper

Drill this hole through can provide softer rebound (Optional)

BAG 02

- R101130** Shock Ball Joint Set Big Bore (4pcs) (2pcs) (2pcs) (4pcs)
- R102030** Shock Cap Alu Short
- R103027** 5.8mm Ball End Short
- R104016** Shock Membrane Big Bore
- R107052** Front Shock Spring (Yellow)
- R107053** Rear Shock Spring (Blue)
- R109034** Shock Set (2pcs) (Long / Big bore)

Front (Short) Set to 63.5mm

Rear (Long) Set to 65mm

Shot Long

BAG 03

- R102004** Spur Axle Alu
- R104101** CNC Spur 84T(48dp)
- R10102C** 19T Belt Pulley Set
- R105103** 3x4 Screw
- R105004** E-Clip 4mm
- R106104** Ø2x11.8mm
- R106012** 5x10mm Ball Bearing

BAG 03

- R108009** 2.25mm Main Chassis
- R102501** Bulkhead Alu FL/RR
- R102502** Bulkhead Alu FR/RL
- R102025** Flex Motor Bulkhead (R)
- R102042** Flex Motor Tower
- R105204** 3x8mm
- R105203** 3x6mm

NOTICE

Apply CA Glue to the chassis edges and front bumper screws as highlighted.

BAG 03

- R102501** Bulkhead Alu FL/RR
- R102502** Bulkhead Alu FR/RL
- R102510** Suspension Alu Bracket #0
- R103022** Roll Center Shim 1.0mm
- R104051** R10 Rear Belt Rubber 3mm
- R104050** R10 Front Belt Rubber 3mm
- R102023** Flex Motor Bulkhead (L)
- R105203** 3x6mm

Kit	R103022	1.0mm
Option	R103021	0.5mm
Option	R103020	0.3mm

Internal Ratio 2.0

Front Pulley	Middle Pulley	Rear Pulley
38	19	38

NOTICE

Initial Position

Tighten Loosen

Loosen Tighten

BAG 03

- R102065** Bulkhead upper Alu FL/RR V2015
- R102066** Bulkhead upper Alu FR/RL V2015
- R103006** Steering Shaft
- R102512** Suspension Alu Bracket #1
- R108043** Front Shock Tower 3.5mm (V2015)
- R108042** Rear Shock Tower 3.5mm (V2015)
- R105105** 3x8mm
- R105203** 3x6mm
- R105204** 3x8mm
- R105205** 3x10mm
- R102018** 4mm

BAG 04

- R10107A** Ball Joint 4.9mm open
- R10107D** Steering Rod Ball Joint
- R103011** 4.9mm Ball End Short
- R103017** 4.9mm Ball End Med

Length 24mm X 2Set

Length 8.5mm X 1Set

BAG 04

- R101060** Servo Horn dual steering arm
- R102508** Steering Plate Alu 8.5
- R105104** 3x6mm
- R105105** 3x8mm
- R106010** 5x8 Ball Bearing

BAG 04

- R10107C** Anti-Roll Bar Joint
- R10107A** Ball Joint 4.9mm open
- R103012** 4.9mm Ball End Long
- R103008** Ball 5mm
- R103040** Pivot Pin Inner
- R10110F** Low Arm F Set with Shims
- R10110A**
- R10110B**
- R10110C**
- R105403** 3x8mm
- R105404** 3x10mm

BAG 04

- R102514** Suspension Alu Bracket #2
- R103022** Roll Center Shim 1.0mm
- R105204** 3x8mm

Kit	R103022	1.0mm
Option	R103021	0.5mm
Option	R103020	0.3mm

32mm 27.6mm 27.6mm 32mm

33mm 28.6mm 28.6mm 33mm Initial Setup

Front lower arms have 4 different shock positions. Make sure left and right sides are both symmetrical during assembly.

BAG 04

- R103011** 4.9mm Ball End Short
- R103012** 4.9mm Ball End Long
- R103008** Ball 5mm
- R103014** Pivot Pin Inner
- R10110R** Low Arm R Set with Shims
- R10110A**
- R10110B**
- R10110C**
- R105403** 3x8mm
- R105404** 3x10mm

BAG 04

- R102516** Suspension Alu Bracket #3
- R103022** Roll Center Shim 1.0mm
- R105204** 3x8mm

Kit	R103022	1.0mm
Option	R103021	0.5mm
Option	R103020	0.3mm

35.1mm 35.1mm

39.5mm 30.7mm 30.7mm 39.5mm Initial Setup

40.5mm 31.7mm 31.7mm 40.5mm

36.1mm 36.1mm

Rear lower arms have 6 different positions for shocks and anti-roll bars. Make sure left and right sides are symmetrical during assembly.

BAG 05

- R107001** CDV G-Clip
- R103002** Wheel Axle
- R103003** CVD Rear 44mm
- R103004** CVD Front 45.5mm
- R103005** CVD Insert
- R101030** C Cap 3.5mm
- R102005** Hex Wheel Hub Alu
- R101090** Steering Block and Upright
- R105101** 2x5mm
- R106101** Ø2x9.8mm
- R106102** Ø2x10mm
- R106012** 5x10mm Ball Bearing

Rear CVD 44mm

Front CVD 45.5mm

BAG 05

- R10107A** Ball Joint 4.9mm open
- R10107B** Ball Joint 4.9mm closed
- R101080** C-Hub 4 Right + Left
- R103007** Steering Block Bushing
- R105105** 3x8mm

Left side

Right side

BAG 05

- R103012** 4.9mm Ball End Long
- R103016** Pivot Pin Rear-Out (25mm)
- R103017** 4.9mm Ball End Med
- R102014** 1mm
- R102017** 3mm
- R105401** 3x3mm

R102018 (Med)

R103012 (Long)

R102014 (1mm)

R102017 (3mm)

R103017 Length 13.9mm X 4Set

BAG 05

- R103010** 4.9mm Ball End Open
- R103012** 4.9mm Ball End Long
- R103015** Pivot Pin Front-Out (23mm)
- R102015** 2mm
- R105402** 3x4mm
- R105106** 3x10mm

R103012 (Long)

R102018 (Med)

R102015 (2mm)

R105106



BAG 06

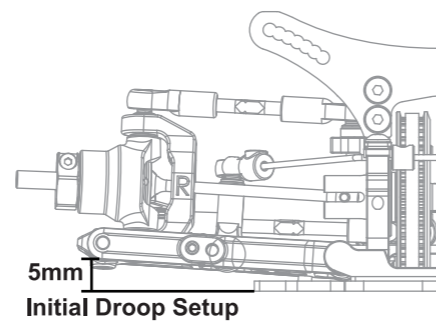
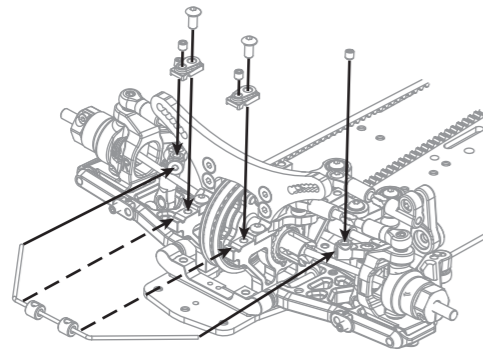
- R10101C** Anti-Roll Bar Holder
- R102006** Collar Alu
- R107012** Front Anti-Roll Bar 1.4mm
- R105401** 3x3mm
- R105104** 3x6mm

4.5mm Initial Droop Setup

BAG 06




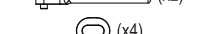

-  **R10101C**
Anti-Roll Bar Holder
-  **R102006**
Collar Alu
-  **R107013**
Rear Anti-Roll Bar 1.2mm

-  **R105401**
3x3mm
-  **R105104**
3x6mm



BAG 06

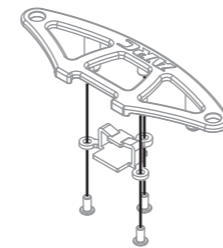
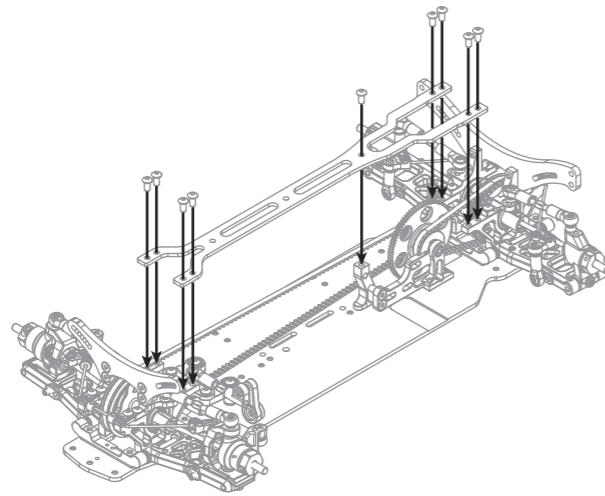
- R101050**
Bumper / Tower Set

- 
- 
-  (x2)
-  (x2)
-  (x4)

- R108040**
Upper Deck Carbon 2.0mm-V2015



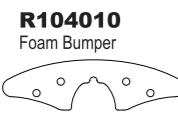
-  **R105104**
3x6mm





Mylaps transponder base
(Not Included)

BAG 06

-  **R105150**
3mm

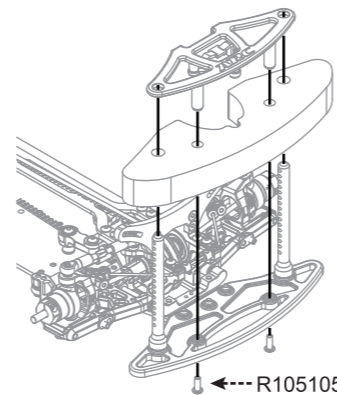
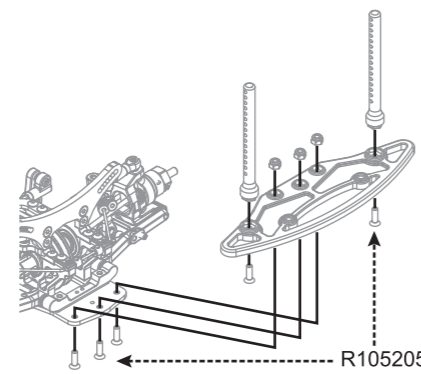


- R104010**
Foam Bumper

-  **R105105**
3x8mm
-  **R105205**
3x10mm



NOTICE

The bumper can be cut at the black lines to make it smaller.






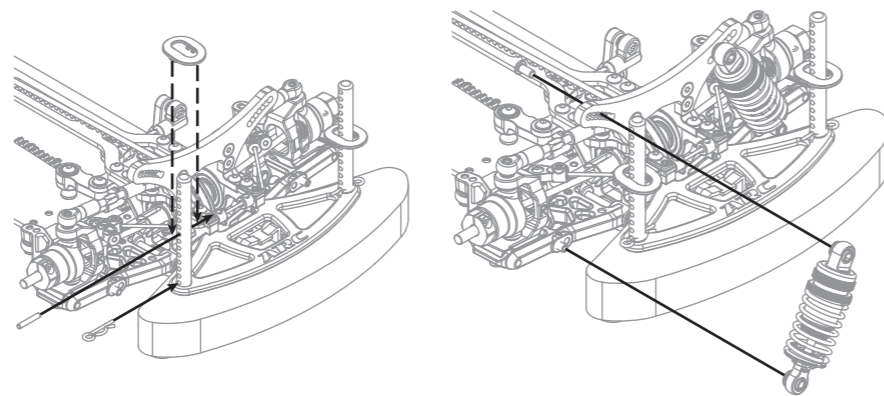
BAG 06

-  **R10510C**
Body Tower Set




-  **R105104**
3x6mm
-  **R106104**
Ø2x11.8mm

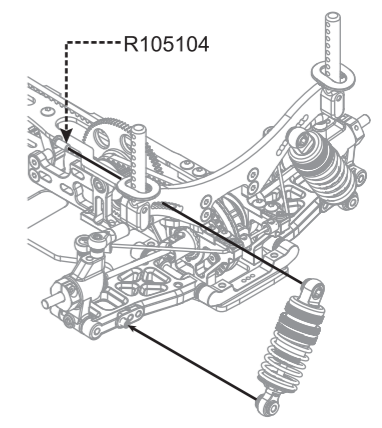
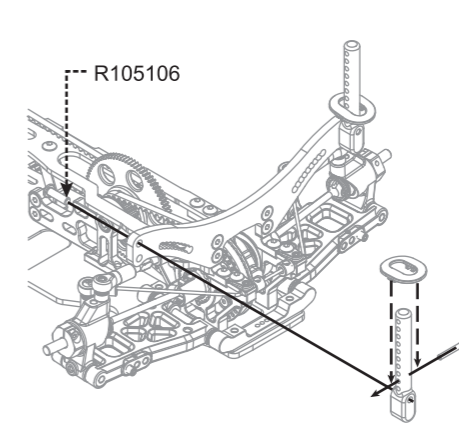
-  **R107002**
R-Clip

ARC R10 2015 SPRING RATE NEW LONG TYPE		
Soft		Hard
		
Color		
R107053 Blue	R107051 Green	R107052 Yellow
Spring Rate(kgf/mm)		
0.25g	0.27g	0.28g

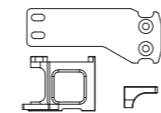


BAG 06




-  **R105104**
3x6mm
-  **R105106**
3x10mm
-  **R106104**
Ø2x11.8mm

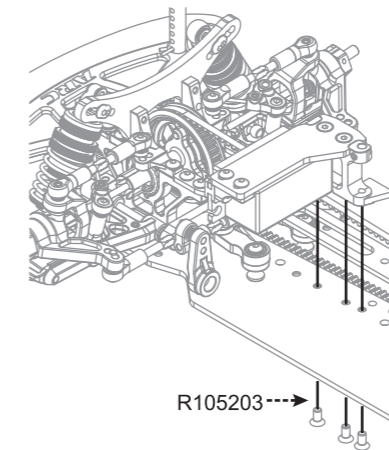


BAG 06

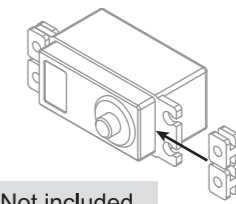


- R109013**
Floating Servo Mount V2

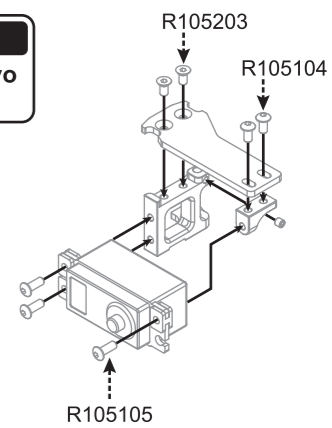
-  **R105104**
3x6mm
-  **R105105**
3x8mm
-  **R105203**
3x6mm




NOTICE
It is recommended to use servo mount rubber.





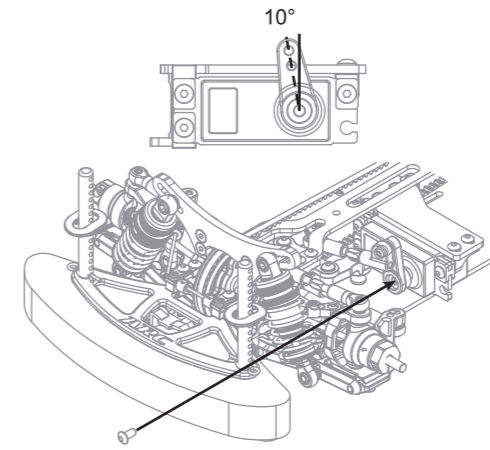
Not included



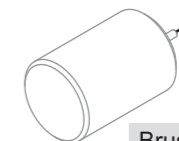
BAG 06

-  **R10106B**
Servo Horn dual steering arm
23T-Sanwa,KO
24T-Hitec
25T-Futaba,SAVOX

-  **R105104**
3x6mm
-  **R105301**
3x8mm



Motor Pinion (48p)
(Not included)

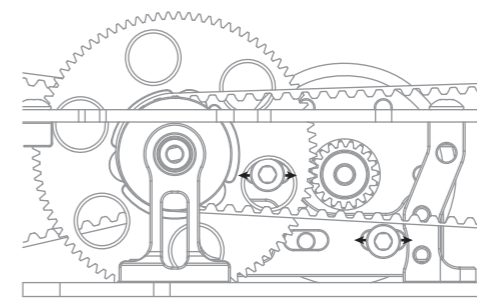


Brushless Motor
(Not included)

BAG 06

-  **R10101A**
Antenna Mount Set

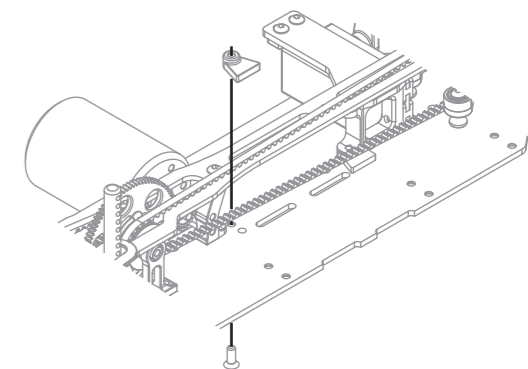
-  **R105203**
3x6mm



NOTICE

A gear mesh that is too tight will put extra strain on the spur gear. A gear mesh that is too loose will strip the spur.

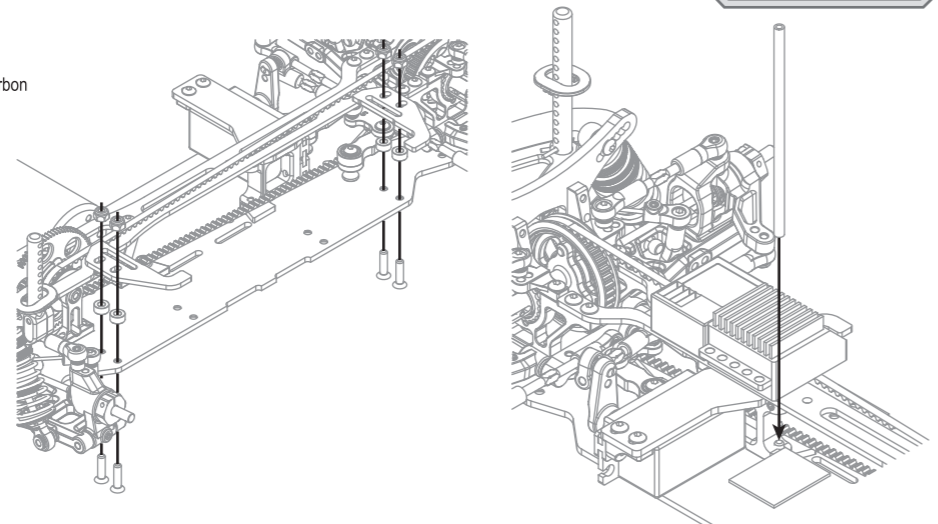
Gear mesh should have a minimal amount of play between spur and pinion.



- R105150**
3mm
- R10110C**
3mm
- R105206**
3x12mm

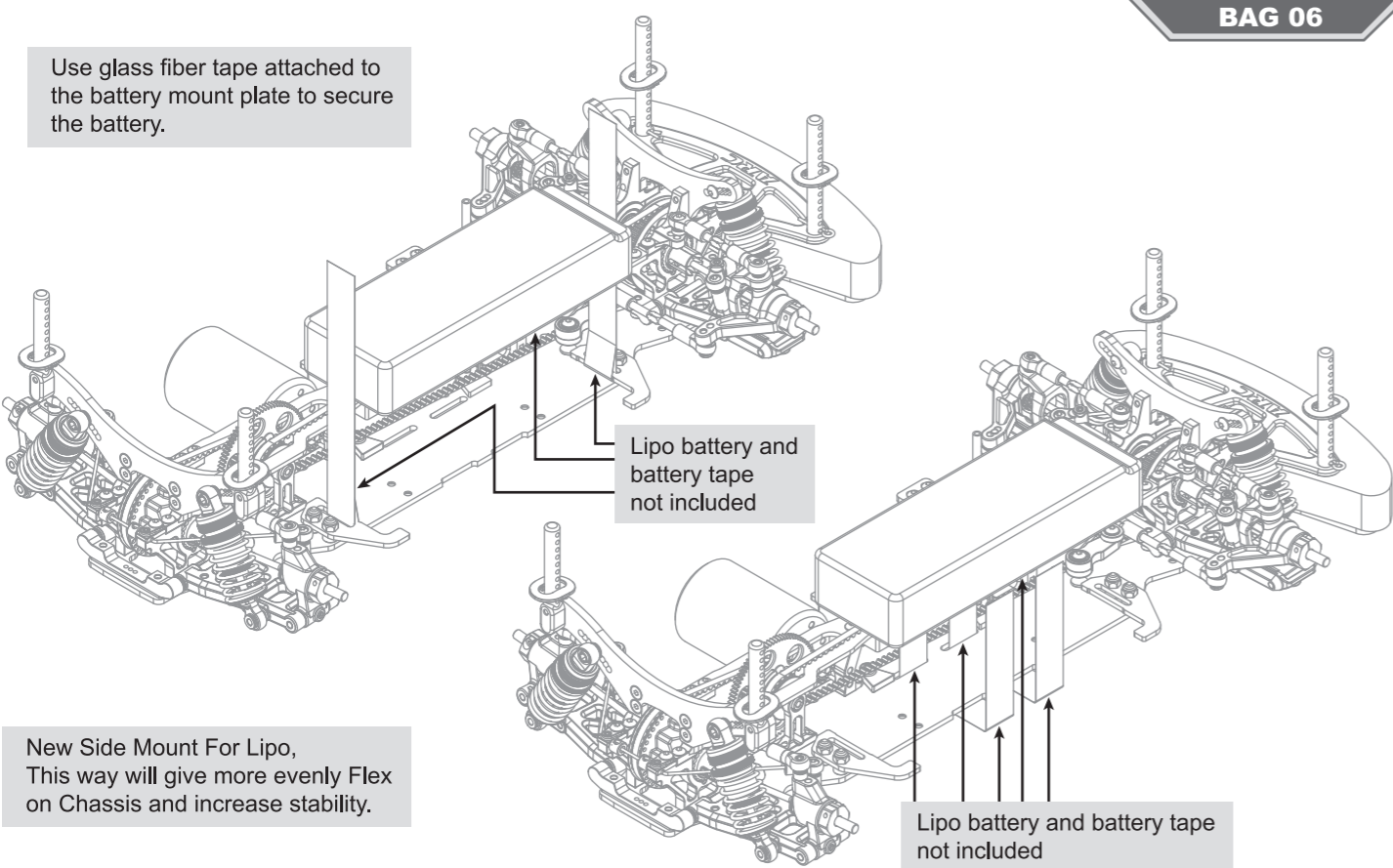
- R108006**
Battery Mount Plate Carbon
- R104150**
Antenna

NOTICE
Use a small file to round the edge of the battery holder, to prevent the battery tape from damage.



BAG 06

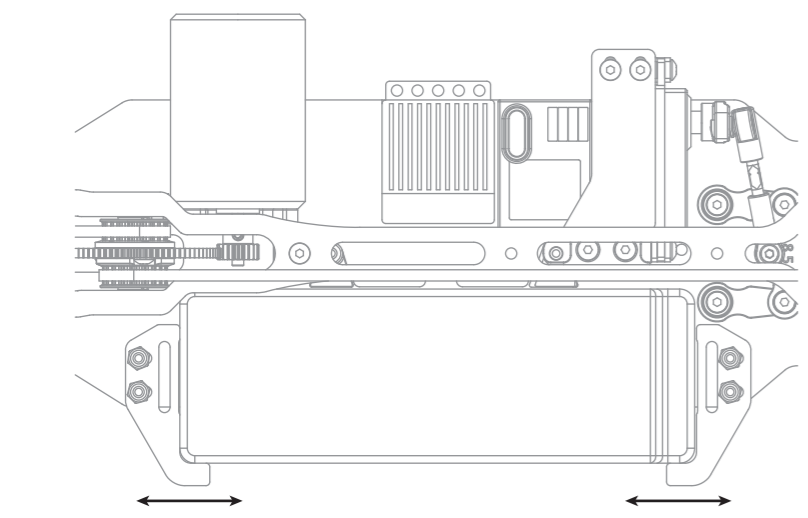
Use glass fiber tape attached to the battery mount plate to secure the battery.



New Side Mount For Lipo, This way will give more evenly Flex on Chassis and increase stability.

Lipo battery and battery tape not included

BAG 06



The battery location can be adjusted by moving the battery holders. This can be used to adjust the weight distribution.

RACE _____
 TRACK _____
 NAME _____
 CITY / COUNTRY _____
 DATE _____

TEMPERATURE	AIR	TRACK
QUALIFYING POSITION	BEST LAP TIME	FINAL POSITION
	SEC	RACE LENGTH
		MIN
TRACK CONDITION		
<input type="checkbox"/> TECHNICAL	<input type="checkbox"/> CARPET	<input checked="" type="checkbox"/> ASPHALT
<input type="checkbox"/> LOW	<input checked="" type="checkbox"/> MIXED	<input type="checkbox"/> FAST
TRACTION		
<input type="checkbox"/> LOW	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> HIGH

FRONT		REAR	
TRANSMISSION			
GEAR DIFF	GEAR DIFF	CST	
<input type="checkbox"/>	<input type="checkbox"/>	1000	
<input type="checkbox"/> ONE WAY	Number of Gears		
<input checked="" type="checkbox"/> SPOOL	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 4	
PINION	T	SPUR GEAR	T
R10 Internal Ratio		2.0	
FINAL DRIVE RATIO			

FRONT		REAR	
OIL	<input checked="" type="checkbox"/> 3 HOLE	SHOCK PISTON	<input checked="" type="checkbox"/> 3 HOLE
500	<input type="checkbox"/> 4 HOLE	HOLE SIZE	<input type="checkbox"/> 4 HOLE
CST		1.1	mm
SPRING		SPRING	
Yellow		BLUE	

TIRES	
RIM	
INSERTS	
ADDITIVE	

	Bumper
	<input type="checkbox"/> Standard
	<input checked="" type="checkbox"/> Cut
	BODY MOUNT DISTANCE
	7 mm
BODY	BLITZ GSF WING
	STANDARD

NOTE

