


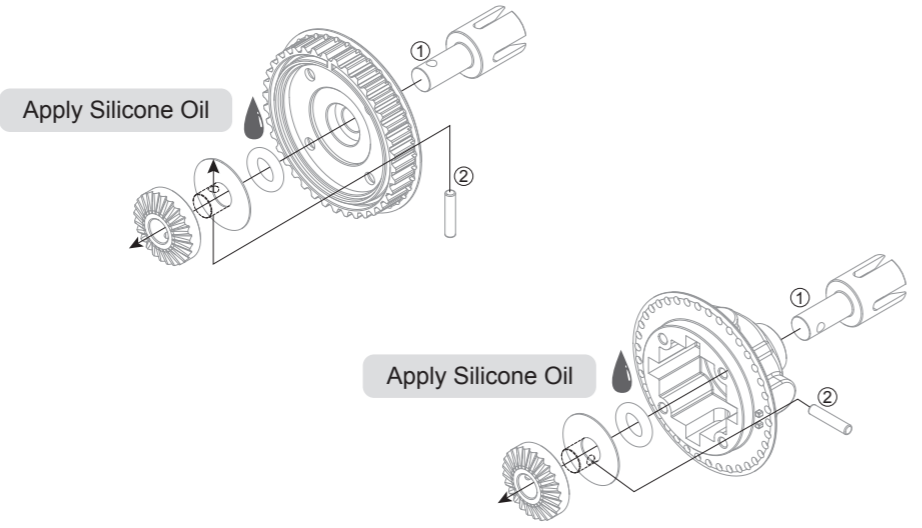




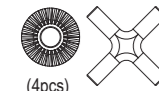


BAG 01

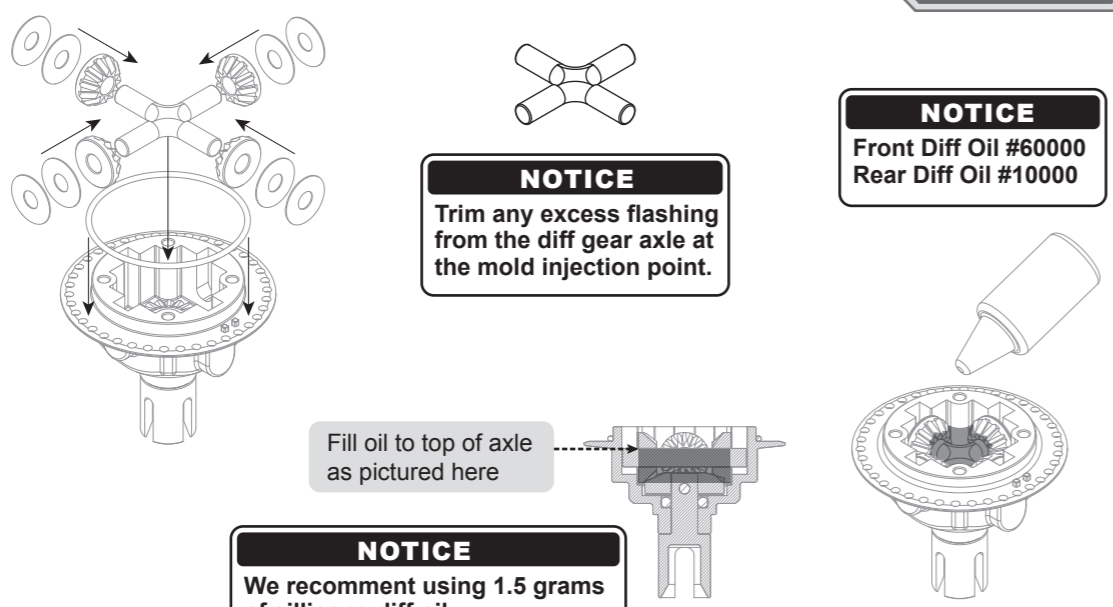
-  **R10102E**
Rear Diff Case
-  **R101110**
Diff Gears (with Axle)
-  **R103110**
Gear Diff Out Drive Spring Steel
-  **R103024**
Gear Diff Shim Big (4)



-  **R104006**
O'ring 5x2 (4)
-  **R106101**
Ø2x9.8 Pin (10)

BAG 01

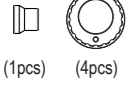
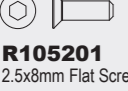

-  **R101110**
Diff Gears (with Axle)
(4pcs)
-  **R103023**
Gear Diff Shim Small (8)
-  **R104005**
O'ring 26x1 For Diff Case (2)

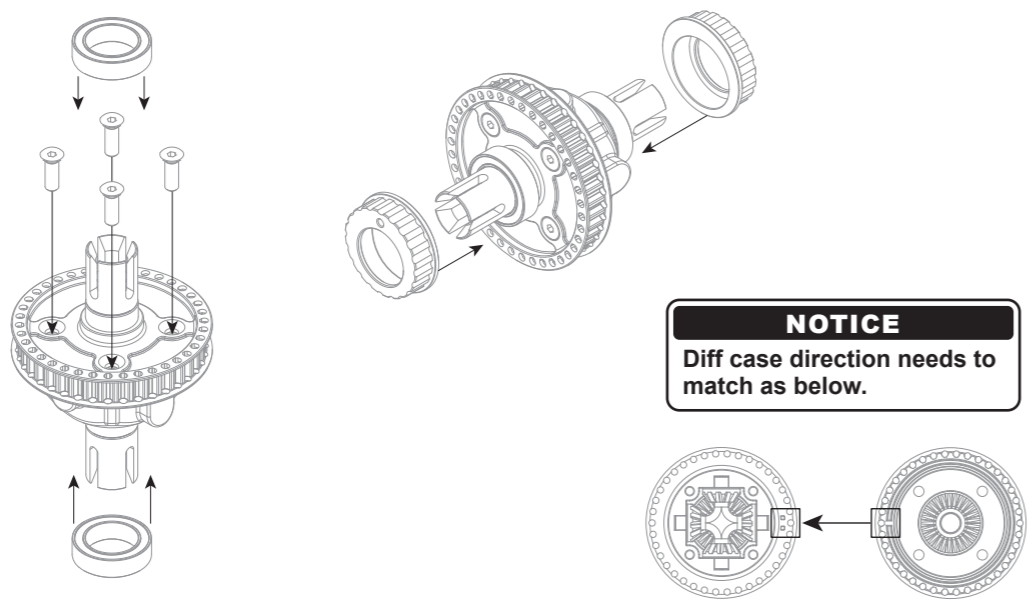


NOTICE
Front Diff Oil #60000
Rear Diff Oil #10000

NOTICE
We recommend using 1.5 grams of silicone diff oil.

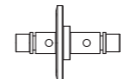
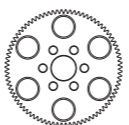
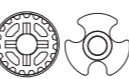
BAG 01

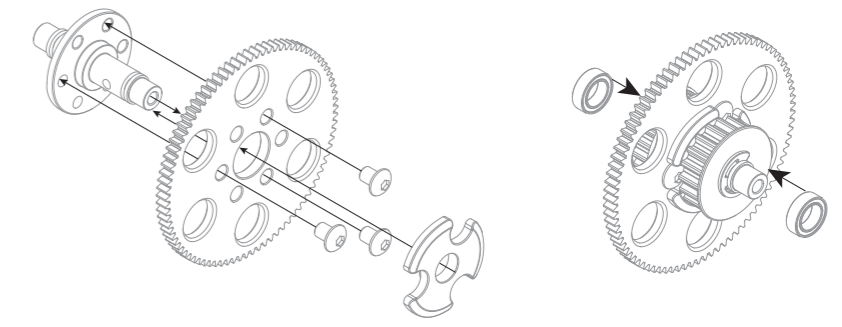
-  **R111160**
R11 Eccentric Hub (4)
-  **R105201**
2.5x8mm Flat Screw (10)
-  **R106021**
10x15x4mm Ball Bearing (4)







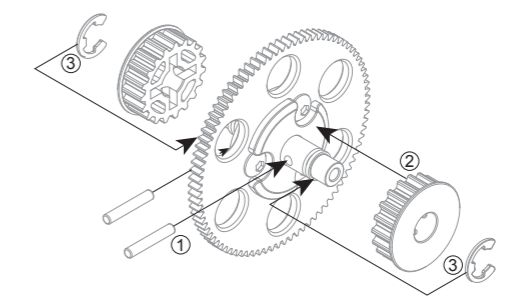
NOTICE
Diff case direction needs to match as below.

BAG 01











-  **R102004**
Spur Axle Alu
-  **R104101**
CNC Spur 84T(48dp)
-  **R10102C**
19T Belt Pulley Set (2)

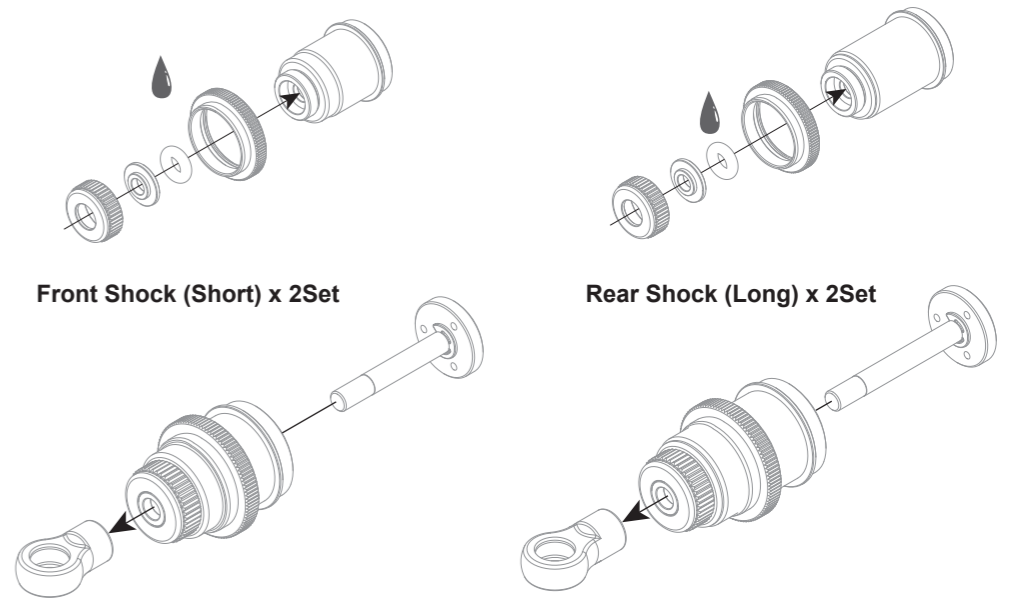


-  **R105103**
3x4 Round Screw (10)
-  **R105504**
E-Clip 4mm (8)
-  **R106104**
Ø2x11.8mm Pin (10)
-  **R106010**
5x8x2.5mm Ball Bearing (4)



BAG 02

-  **R104017**
Shock Piston Big Bore 1.1mm x3 (4)
-  **R103019**
Shock Shaft Short (2)
-  **R103013**
Shock Shaft (2)
-  **R104013**
O'ring 13x1 (2)
-  **R112032**
R11 Shock Adj Nut-Black (2)
-  **R112030**
R11 Shock Low Cap-Black (2)
-  **R104015**
Shock Shaft Shim (4)
-  **R102029**
Shock Body Alu Short (2)
-  **R102067**
Shock Body Long Big Bore (2)
-  **R101130**
Shock Ball Joint Set Big Bore
(4pcs) (2pcs) (2pcs) (4pcs)



Front Shock (Short) x 2Set

Rear Shock (Long) x 2Set

-  **R104002**
O'ring 3x2 (4)
-  **R105501**
E-Clip 2mm (10)

BAG 02

R112031
R11 Shock Cap-Black (2)

(4pcs) (2pcs)

(2pcs) (4pcs)

R101130
Shock Ball Joint Set Big Bore

R104016
Shock Membrane Big Bore (4)

Silicone Oil #500

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

25%
50%
75%
PUSH

To adjust the rebound amount of the shock, push the shock shaft in to the required level to remove excess oil during assembly

BAG 02

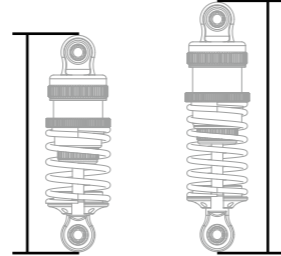
R103027
5.8mm Ball End Short (4)

R107042
Front Shock Spring short (Yellow)(2)

R107031
Rear Shock Spring Long (Green)(2)

Drill the shock cap here to help provide zero rebound and softer dampening (optional setting)

Front (Short) Set to 57.5mm
Rear (Long) Set to 59mm



Short Long

Build shocks to the following lengths

BAG 02

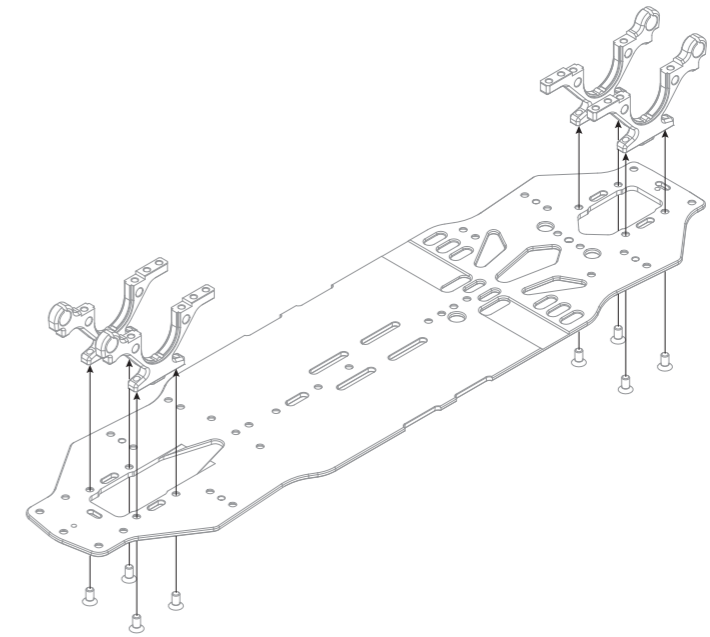


R112060
R11W Main Chassis-Alu

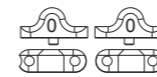


R112001
R11 Bulkhead

R105203
3x6mm Flat Screw (10)

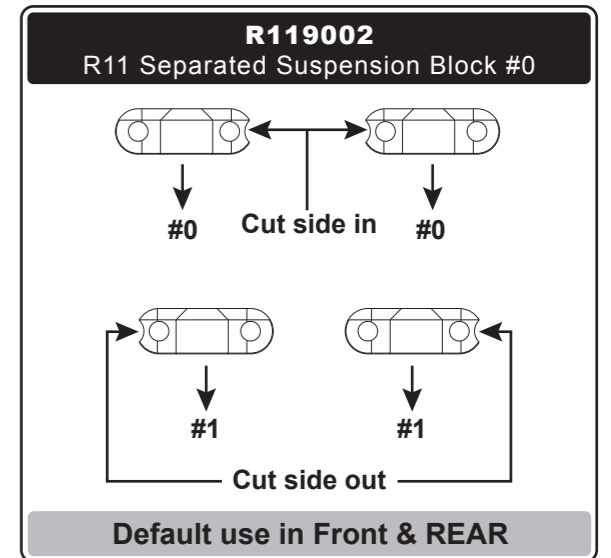
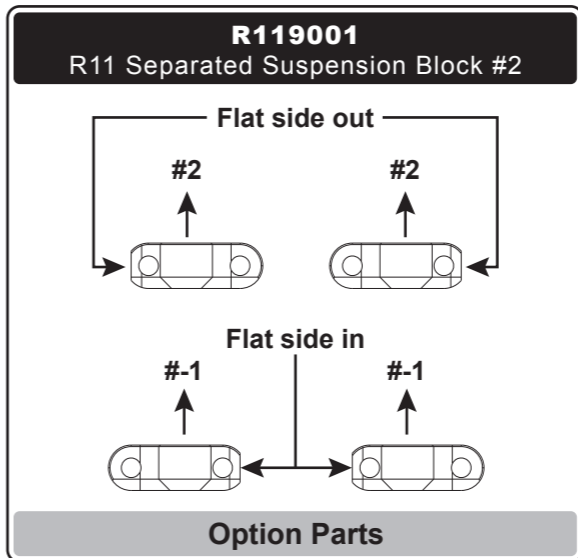
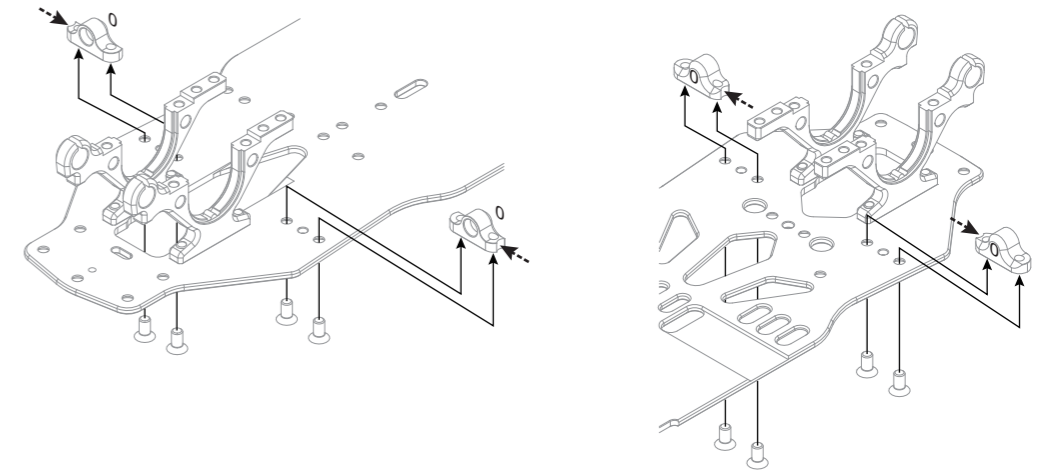


BAG 02

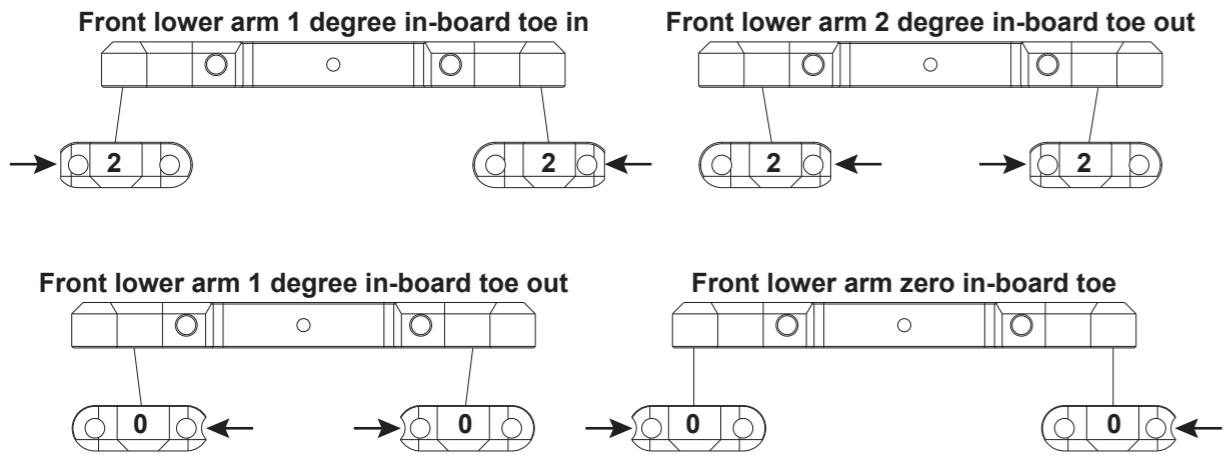


R119002
R11 Separated Suspension Block #0

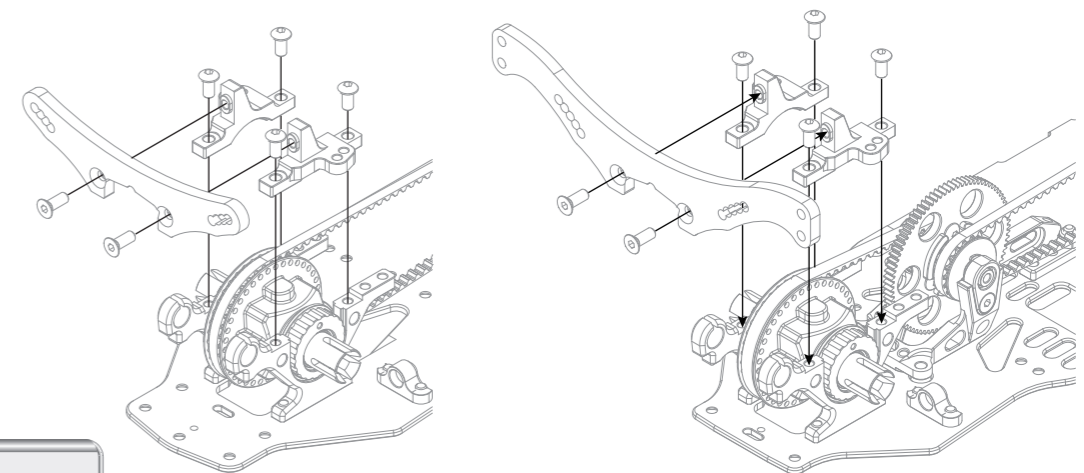
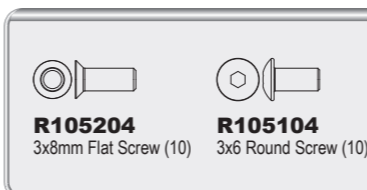
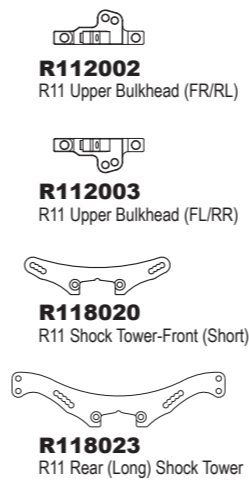
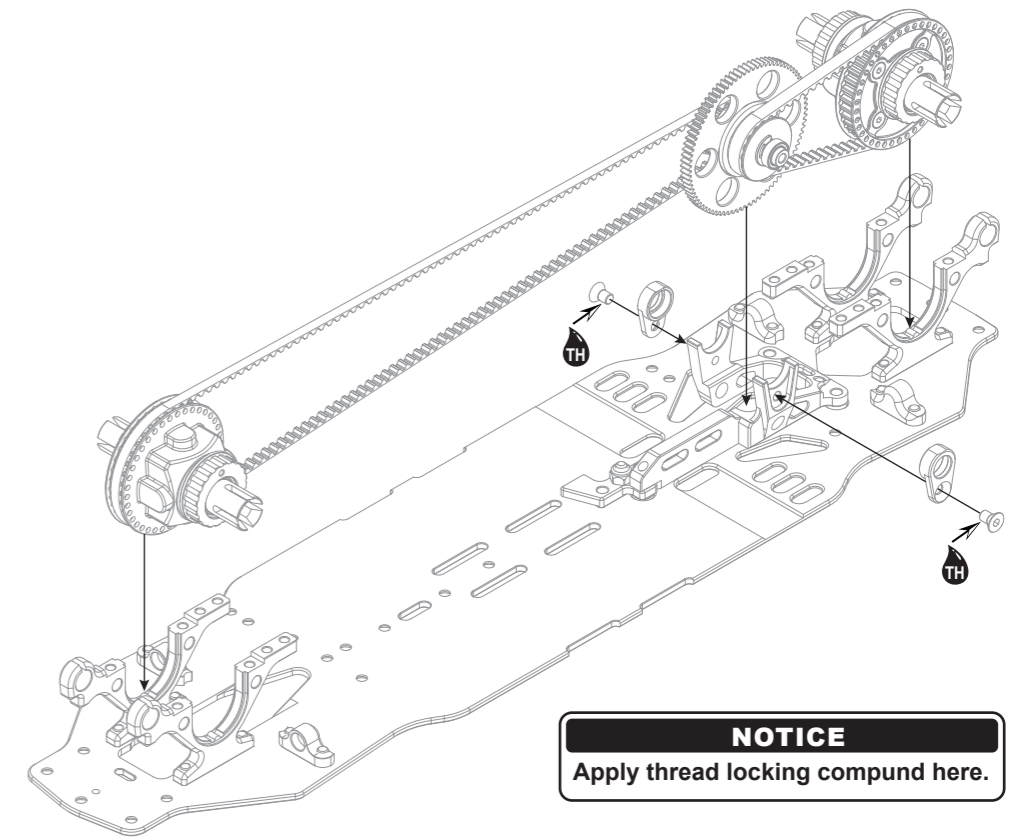
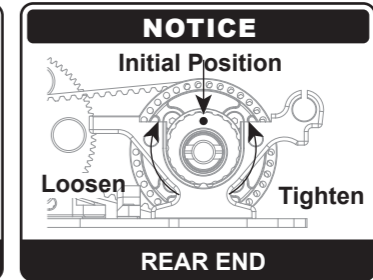
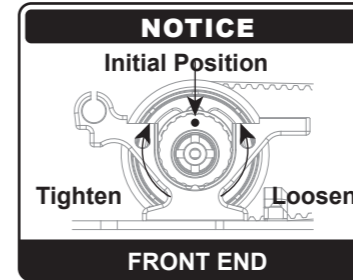
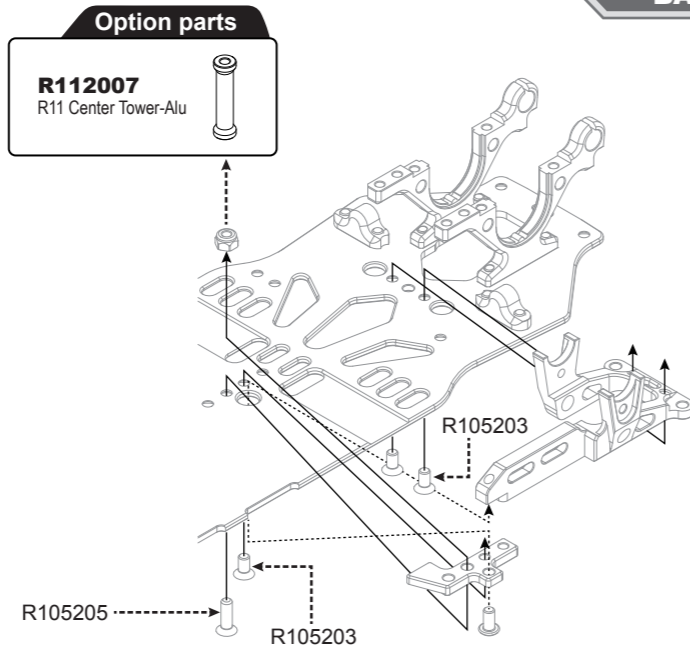
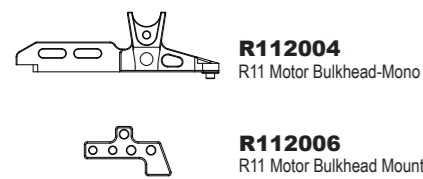
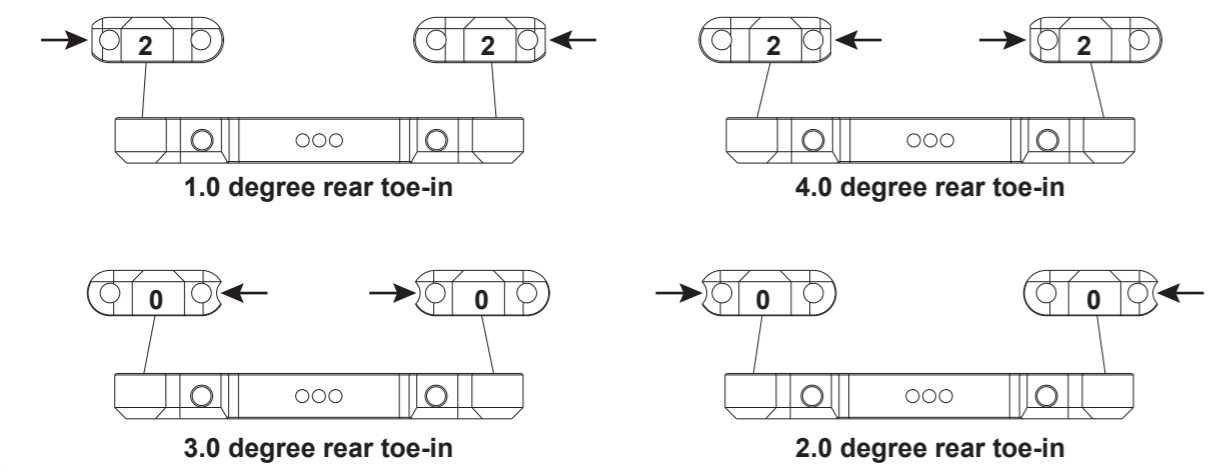
R105203
3x6mm Flat Screw (10)

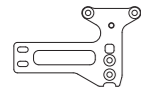
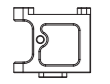




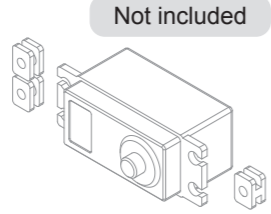
Front Suspension Block Chart with Suspension Block #1







Rear Suspension Block Chart with Suspension Block #3

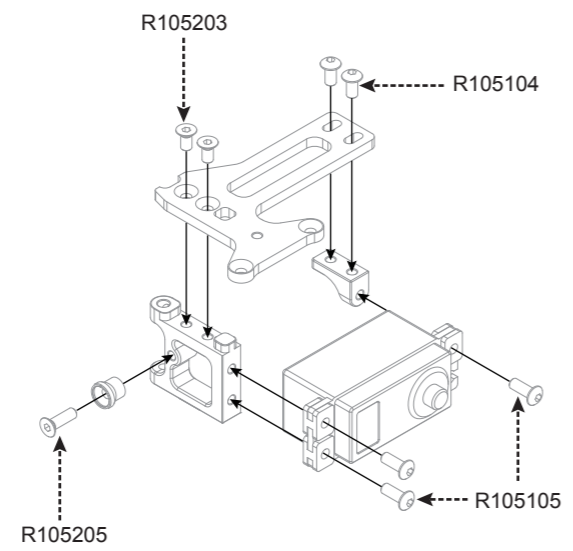





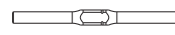
-  **R118013**
R11 Floating Servo Mount
-  **R112008**
R11 Servo Mount Base
-  **R112009**
R11 Servo Mount-Left
-  **R111160**
R11 Eccentric Hub (4)
(1pcs) (4pcs)

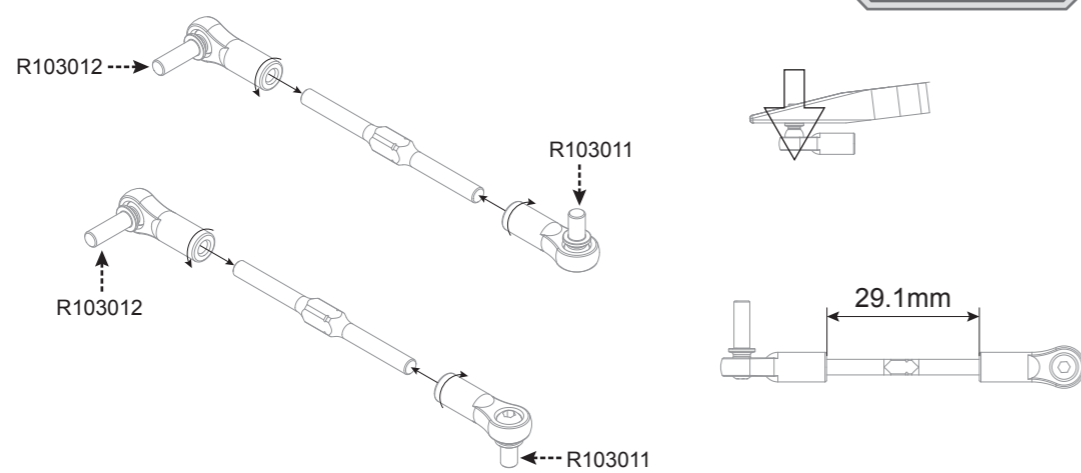


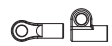



NOTICE
It is recommended to use servo mount rubber.

-  **R105205**
3x10mm Flat Screw (10)
-  **R105203**
3x6mm Flat Screw (10)
-  **R105104**
3x6 Round Screw (10)
-  **R105105**
3x8 Round Screw (10)










-  **R10107A**
Ball Joint 4.9mm open (6)
-  **R103011**
4.9mm Ball End Short (4)
-  **R103012**
4.9mm Ball End Long (4)
-  **R102817**
Turnbuckle 3x43mm ALU-7075

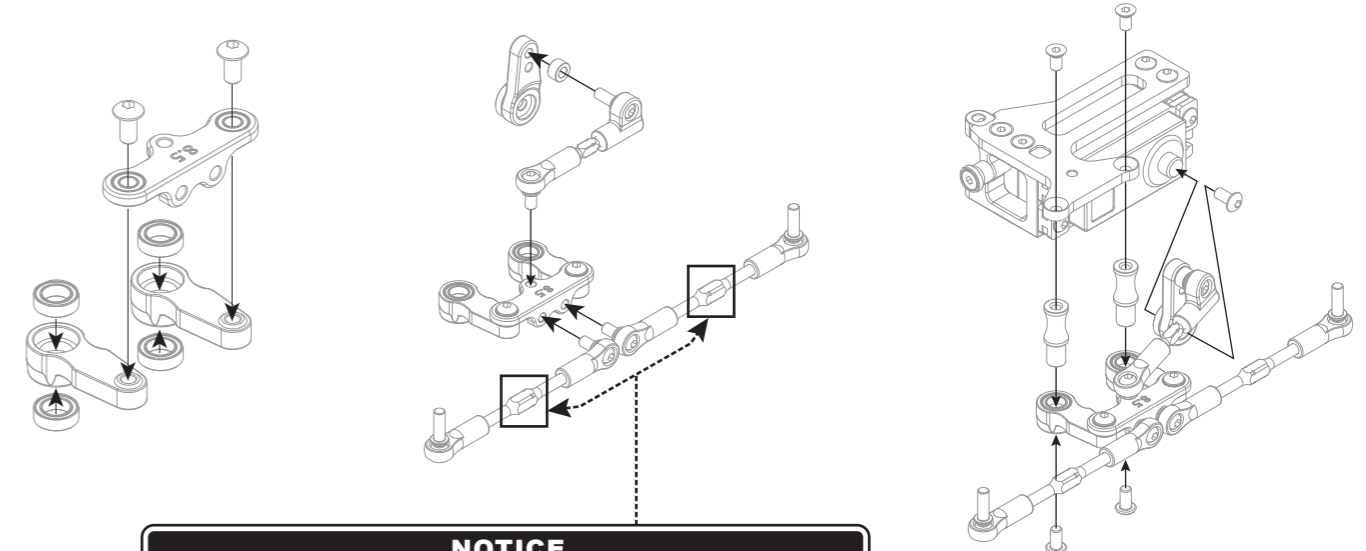


-  **R10107D**
Steering Rod Ball Joint
-  **R103011**
4.9mm Ball End Short (4)
-  **R103017**
4.9mm Ball End Med (4)
-  **R103030**
Turnbuckle 3x20mm (2)

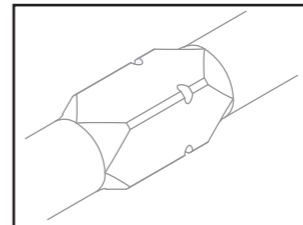



-  **R101060**
Servo Horn dual steering arm
-  **R112040**
Steering Plate 8.5
-  **R103041**
Floating Servo Mount Tower (2)

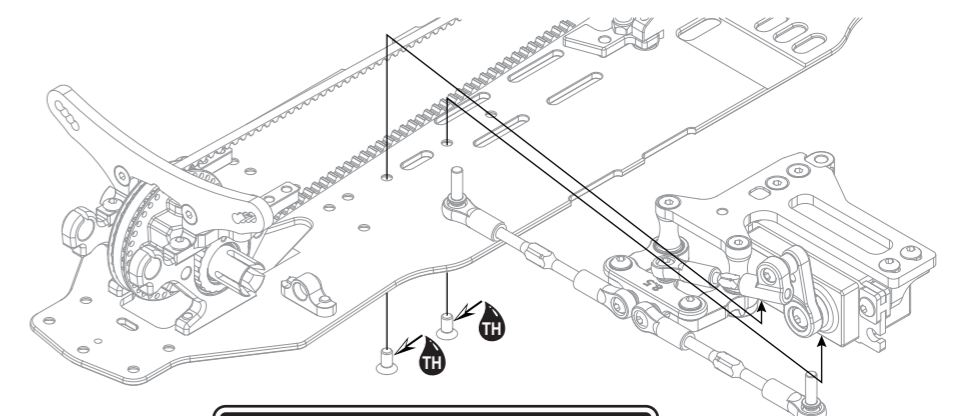
-  **R105104**
3x6mm Round Screw (10)
-  **R105203**
3x6mm Flat Screw (10)
-  **R102017**
3x5.5x3mm Alu Shims (4)
-  **R106010**
5x8x2.5mm Ball Bearing (4)



NOTICE
It is recommended to place the notch on each turnbuckle to the right side, which will make it easier to adjust camber and toe in the future.



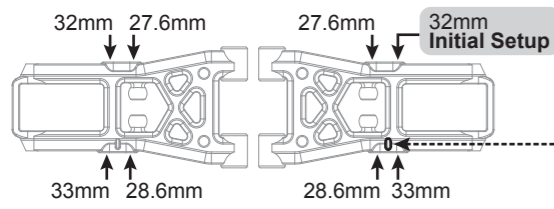
-  **R105203**
3x6mm Flat Screw (10)



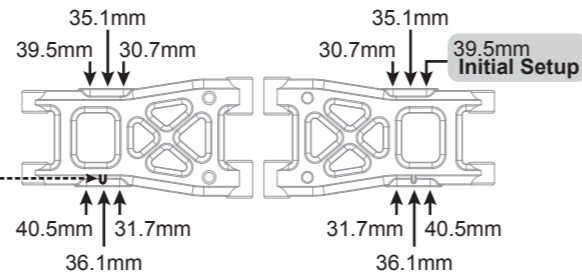
NOTICE
Apply thread locking compound here.

BAG 04

When assembling the front and rear arms, please pay attention to these notches for correct orientation.



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



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

R10107A
Ball Joint 4.9mm open (6)

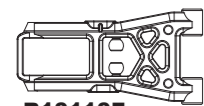
R10107C
Anti-Roll Bar Joint (4)

R103017
4.9mm Ball End Med (4)

R103008
Ball 5mm (4)

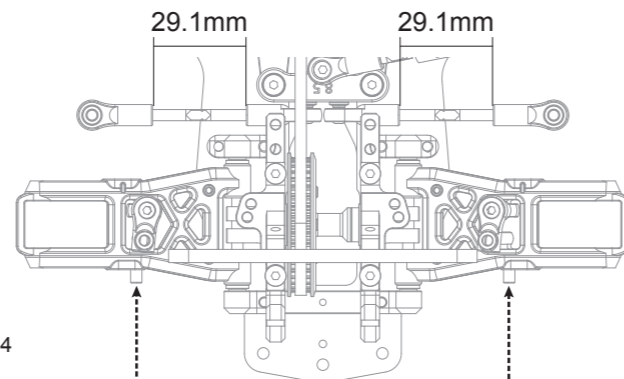
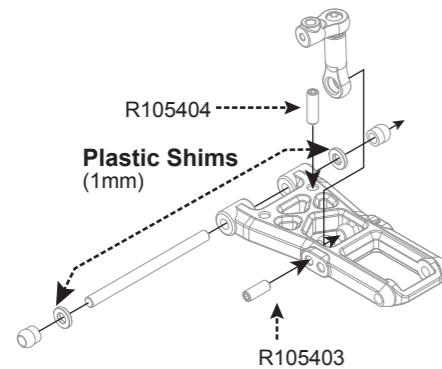
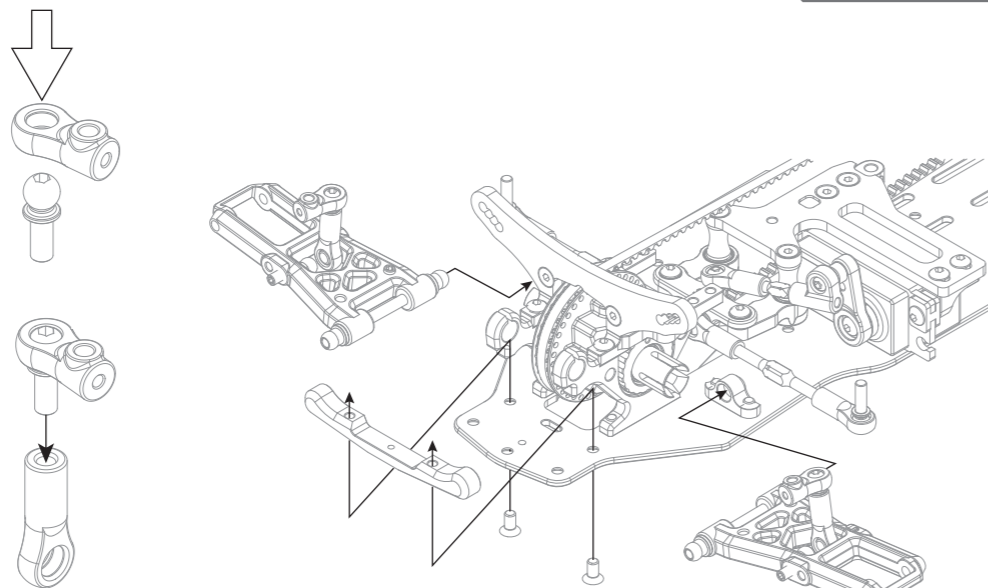
R10110A

R103040
Pivot Pin Inner (2)

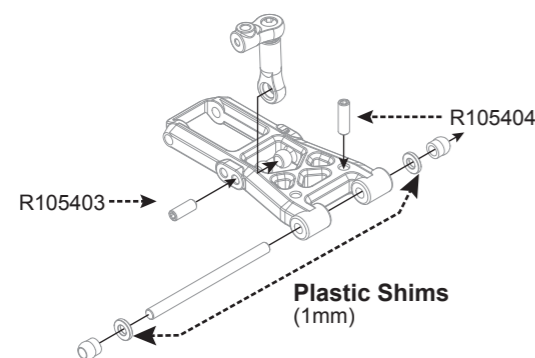


R10110F
Low Arm R Set with Shims

R112063
R11W Suspension Block #1



Use Default Setup 27.6mm Offset Hole



R105203
3x6mm Flat Screw (10)

R105403
3x8mm Set Screw (10)

R105404
3x10mm Set Screw (10)

BAG 04

R10107A
Ball Joint 4.9mm open (6)

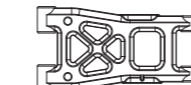
R103017
4.9mm Ball End Med (4)

R103011
4.9mm Ball End Short (4)

R103008
Ball 5mm (4)

R10110A

R103040
Pivot Pin Inner-Short (2)



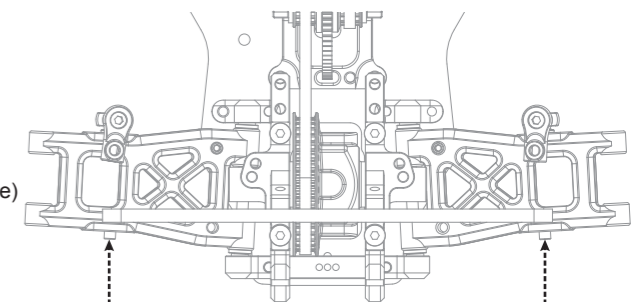
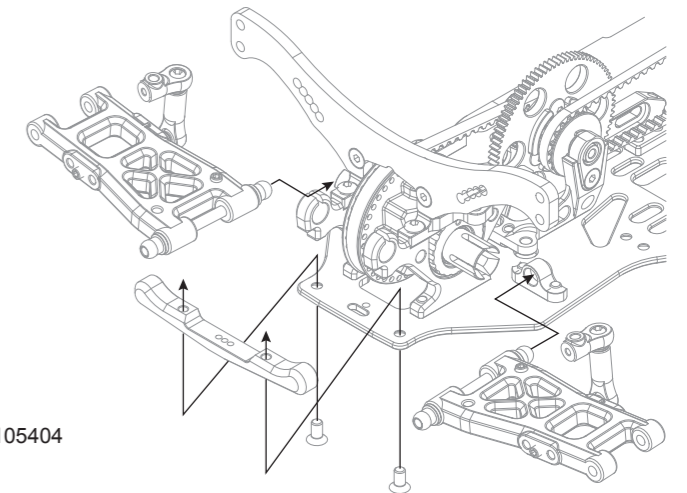
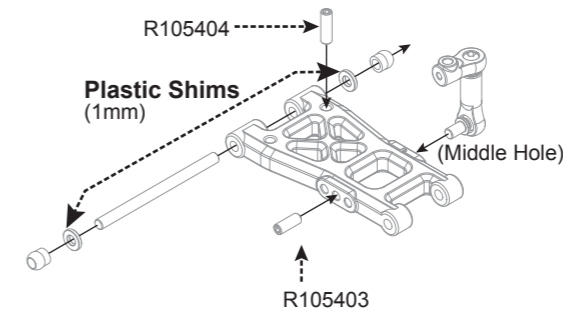
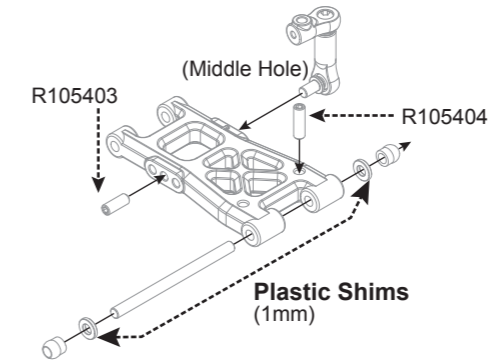
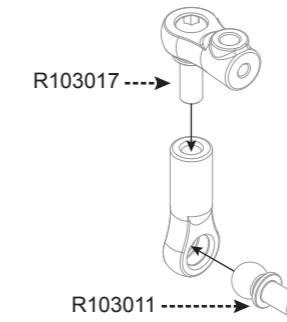
R10110R
Low Arm R Set with Shims

R112062
R11W Suspension Block #3

R105203
3x6mm Flat Screw (10)

R105403
3x8mm Set Screw (10)

R105404
3x10mm Set Screw (10)



Use Default Setup 35.1mm Offset Hole

BAG 05

R107001
CDV G-Clip (8)

R103002
Wheel Axle (2)

R103111
R10W Spring Steel Drive Shaft (2)

R103005
CVD Insert (2)

R102005
Hex Wheel Hub Alu (2)

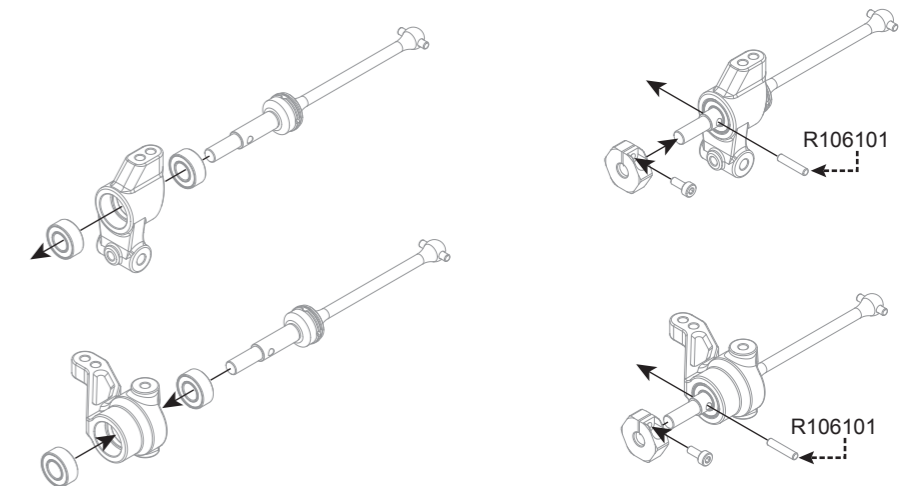
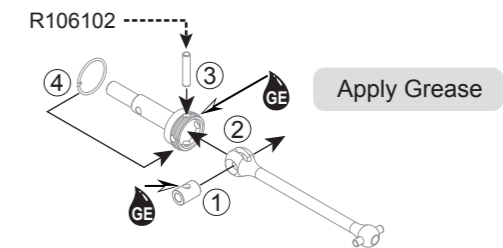
R101090
Steering Block and Upright

R106101
Ø2x9.8mm Pin (10)

R106102
Ø2x10mm Pin (10)

R105101
2x5mm Cap Screw (10)

R106012
5x10x4mm Ball Bearing (4)



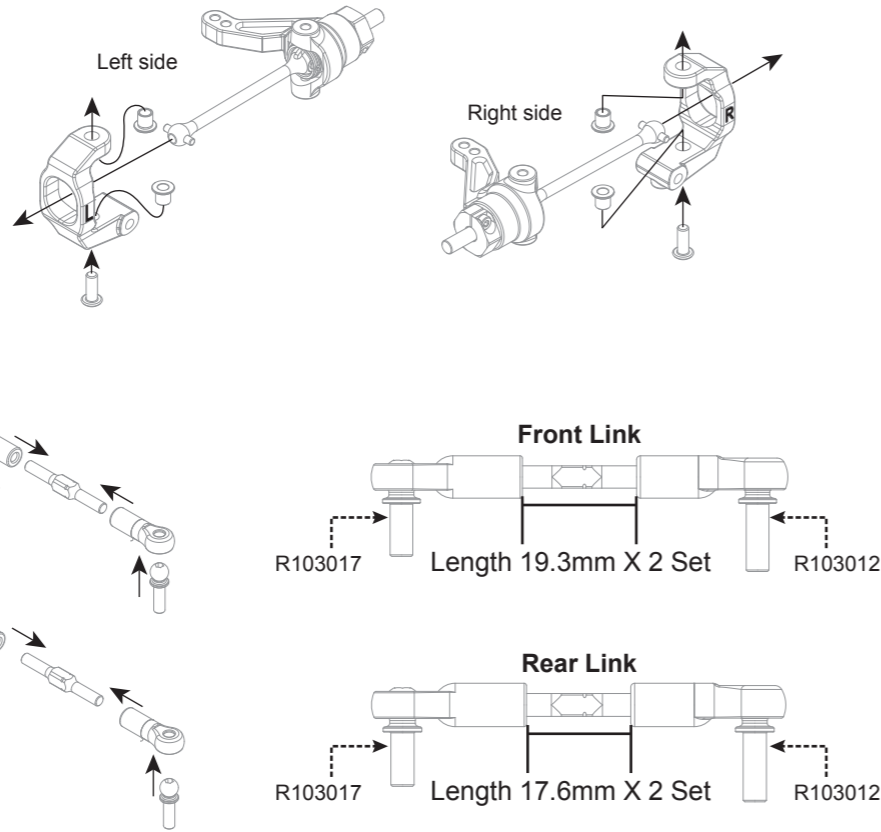
BAG 05

- R101080**
C-Hub 4 Right + Left
- R103007**
Steering Block Bushing (4)

R105105
3x8mm Round Screw (10)



- R10107A**
Ball Joint 4.9mm open (6)
- R10107B**
Ball Joint 4.9mm closed (4)
- R103012**
4.9mm Ball End Long (4)
- R102813**
Turnbuckle 3x28mm ALU-7075 (2)
- R103017**
4.9mm Ball End Med (4)



BAG 05

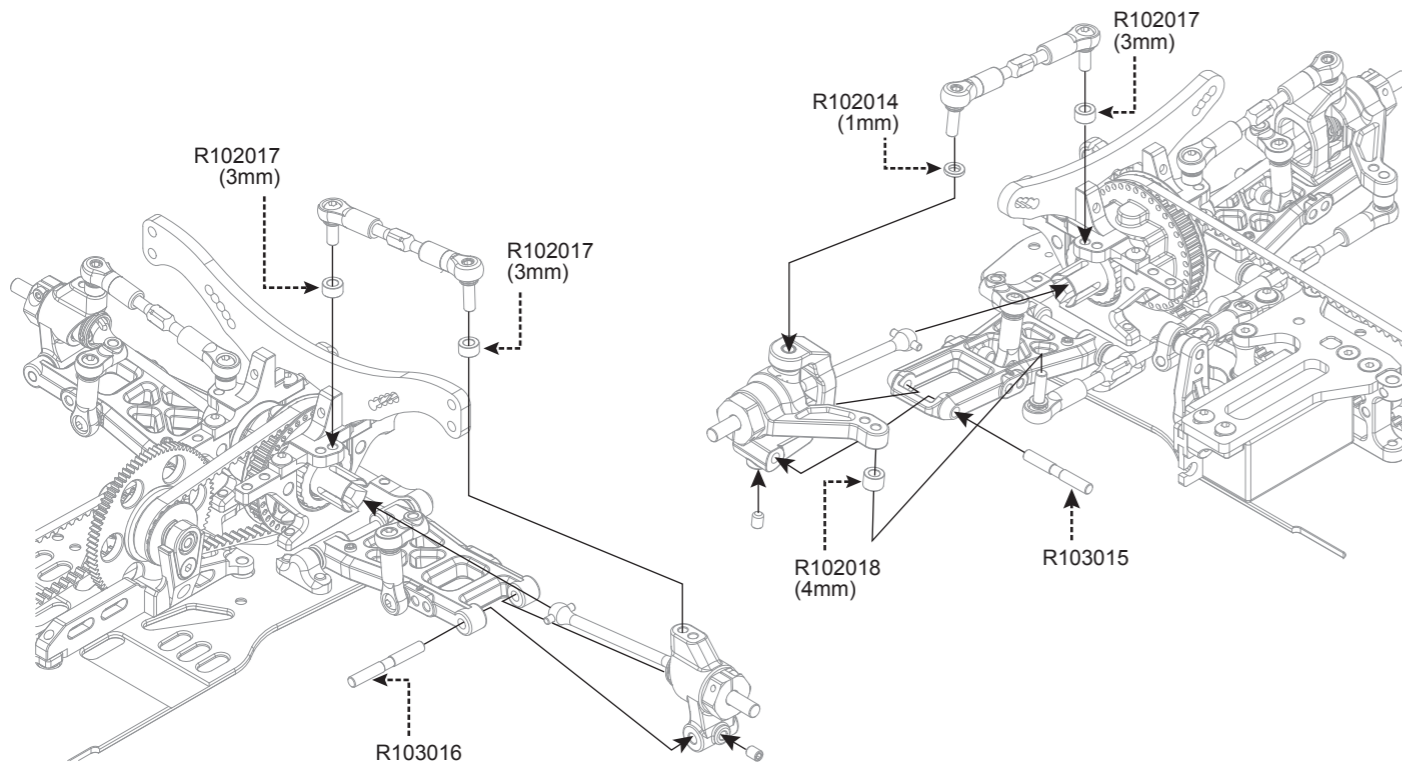
- R103015**
Pivot Pin Front-Out (23mm)(2)
- R103016**
Pivot Pin Rear-Out (25mm)(2)

R102017
3x5.5x3mm Alu Shims (4)

R102018
3x5.5x4mm Alu Shims (4)

R105402
3x4mm Set Screw (10)

R102014
3x5.5x1mm Alu Shims (4)

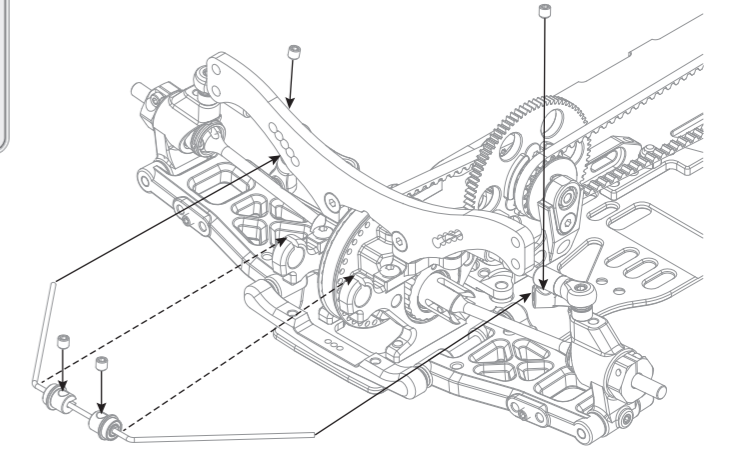


BAG 06

- R113001**
Anti-Roll Bar Holder (2)
- R107014**
Rear Anti-Roll Bar 1.3mm

R105401
3x3mm Set Screw (10)

R806001
3x6x2.5mm
Flange Ball Bearing (2)

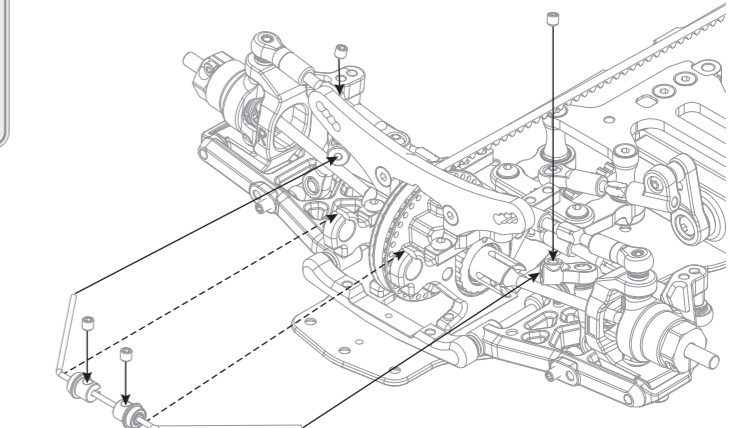
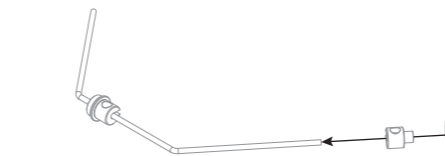


BAG 06

- R113001**
Anti-Roll Bar Holder (2)
- R107012**
Front Anti-Roll Bar 1.4mm

R105401
3x3mm Set Screw (10)


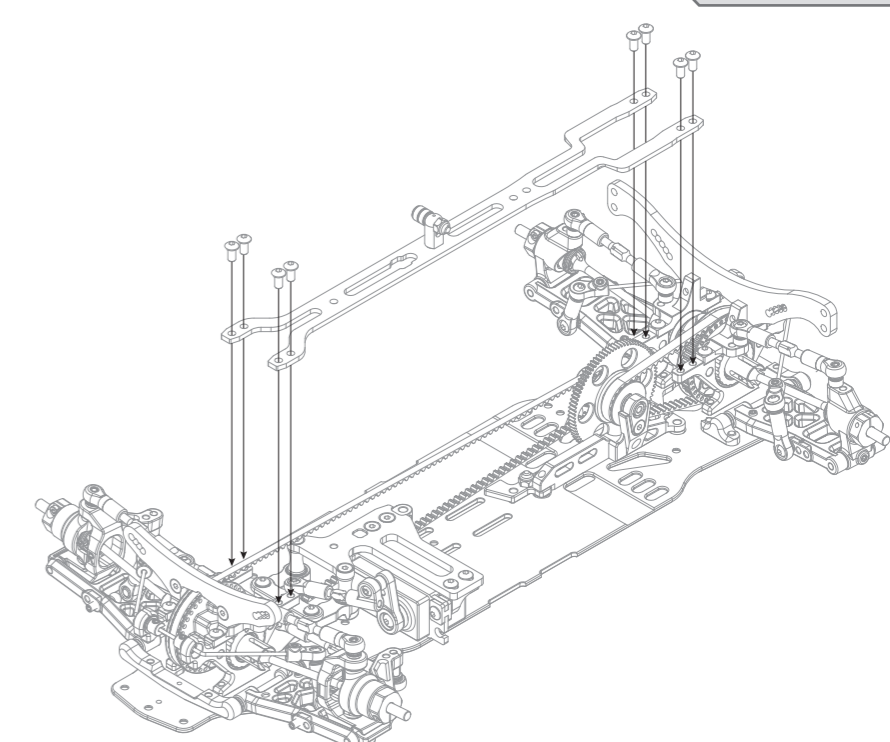
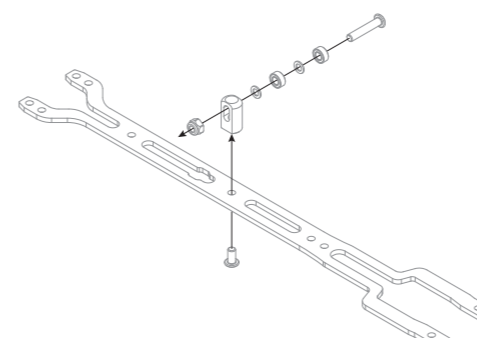
R806001
3x6x2.5mm
Flange Ball Bearing (2)



BAG 06

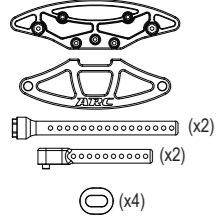
- R118002**
R11 Upper Deck 2.0mm
- R119003**
R11 Belt Tensioner

R105104
3x6mm Round Screw (10)

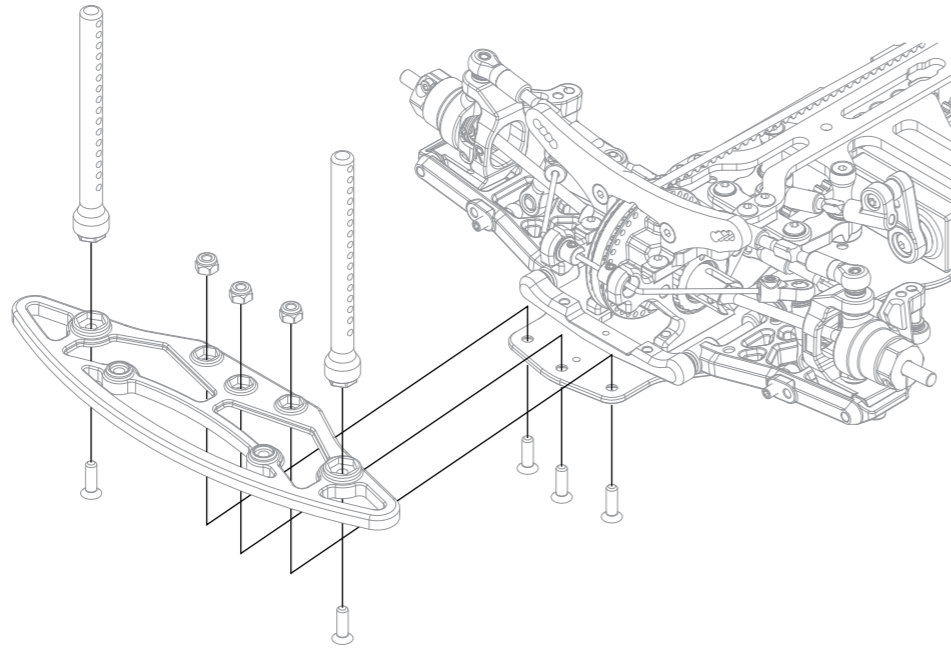
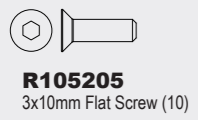



BAG 06

R101050
Bumper / Tower Set



R105150
3mm Nylon Nut (10)



R104010
Foam Bumper

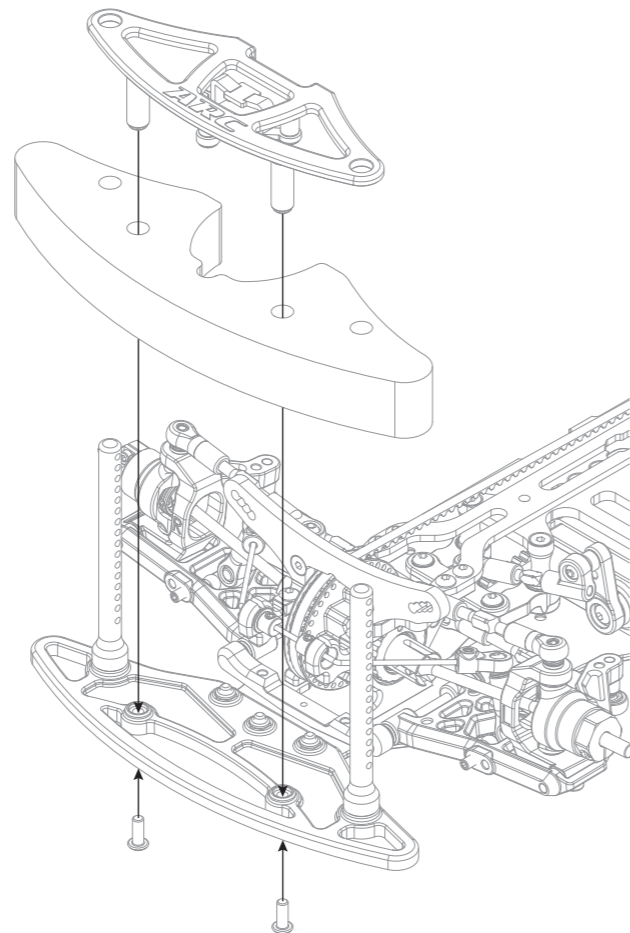
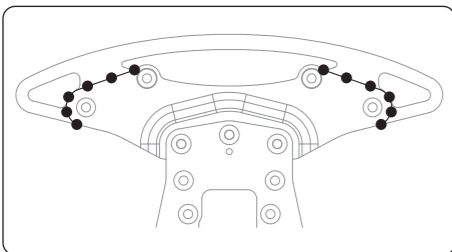


R105105
3x8mm Round Screw (10)



NOTICE

The lower bumper can be cut as marked to make it smaller and less likely to touch the racing surface during cornering, however it will provide less protection.



BAG 06

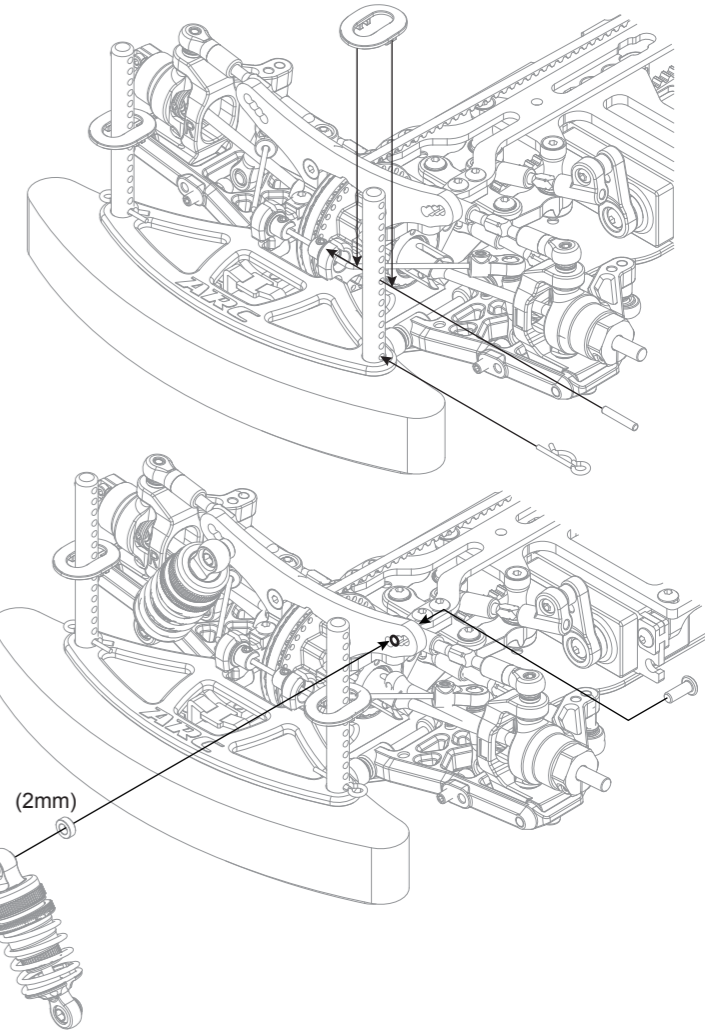
R101050
(2pcs) Bumper / Tower Set

R107002
R-Clip

R102015
3x5.5x2mm Alu Shims

R106104
Ø2x11.8mm Pin (10)

R105105
3x8mm Round Screw (10)



BAG 06

(2pcs)

(2pcs)

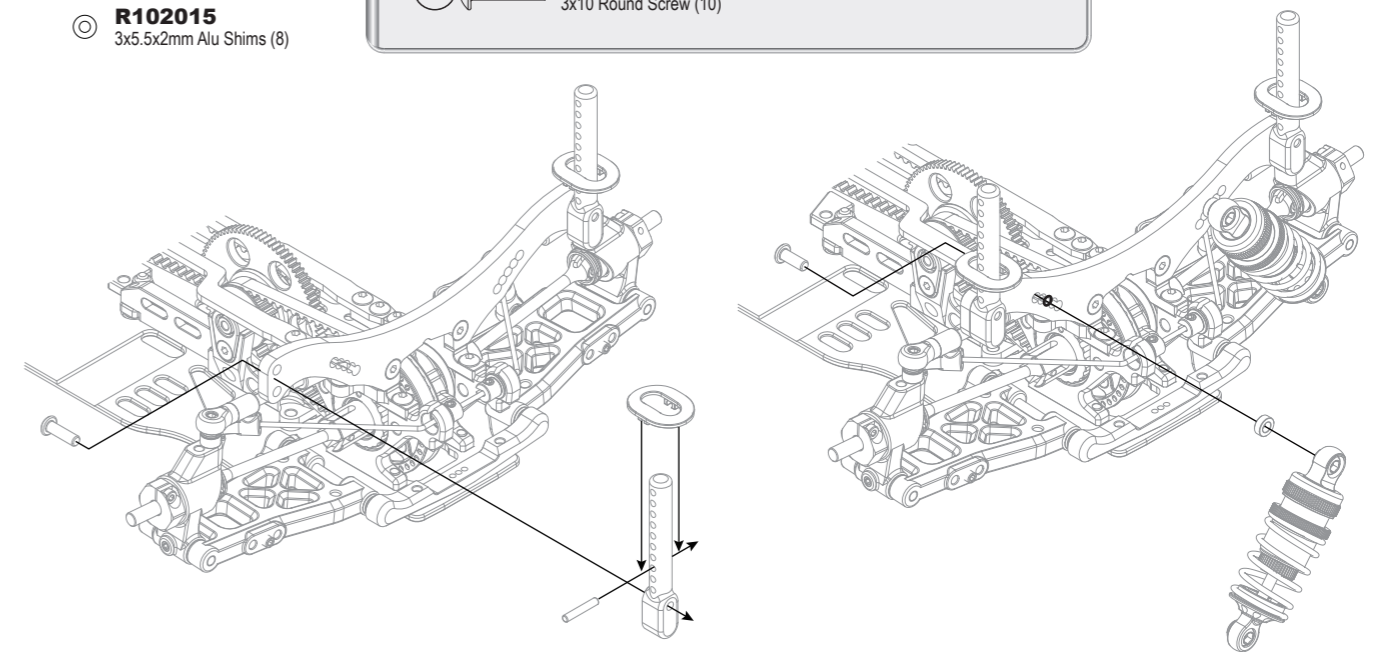
R101050
Bumper / Tower Set

R102015
3x5.5x2mm Alu Shims (8)

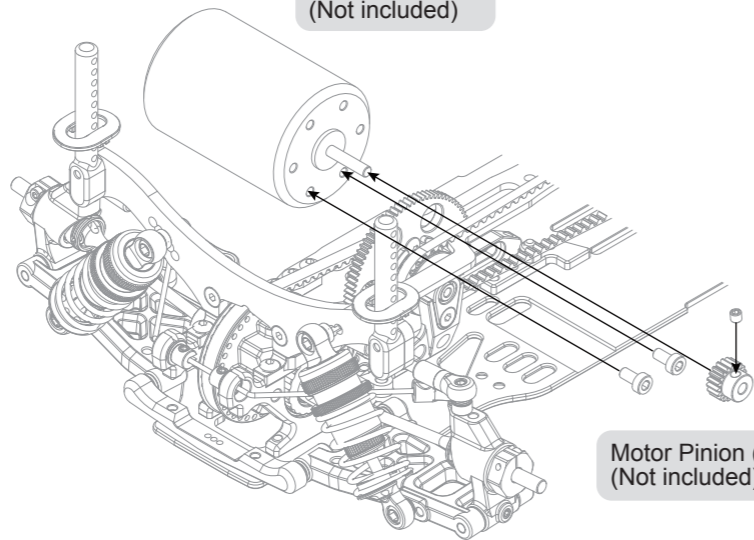
R105105
3x8mm Round Screw (10)

R105106
3x10 Round Screw (10)

R106104
Ø2x11.8mm Pin (10)



Brushless Motor
(Not included)



Motor Pinion (48p)
(Not included)

R105401
3x3mm Set Screw (10)

R105300
3x6mm Cap Screw (10)

R10110C
3x6x3mm Plastic Shims

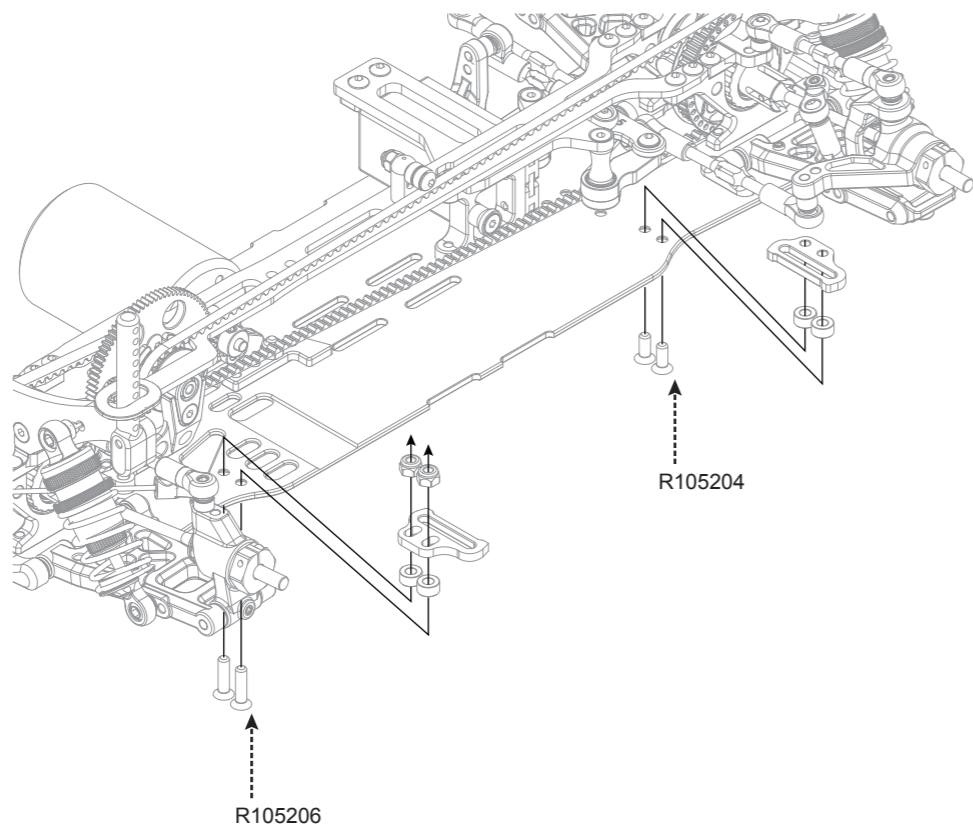
R118010
Battery Holder-Front

R118011
Battery Holder-Rear

R105204
3x8mm Flat Screw (10)

R105206
3x12mm Flat Screw (10)

R115001
3mm Nylon Nut-Black Alu (4)

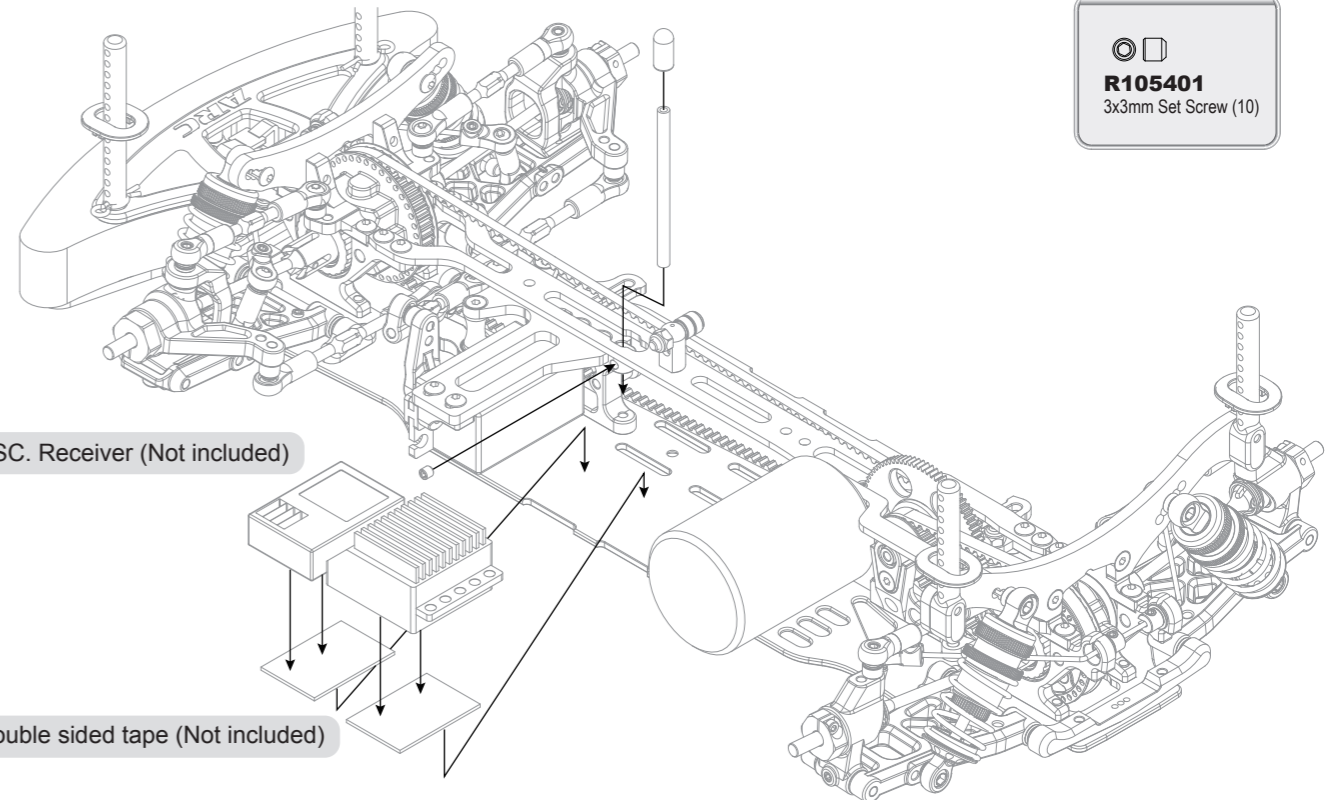


R105204

R105206

R104150
Antenna

R105401
3x3mm Set Screw (10)



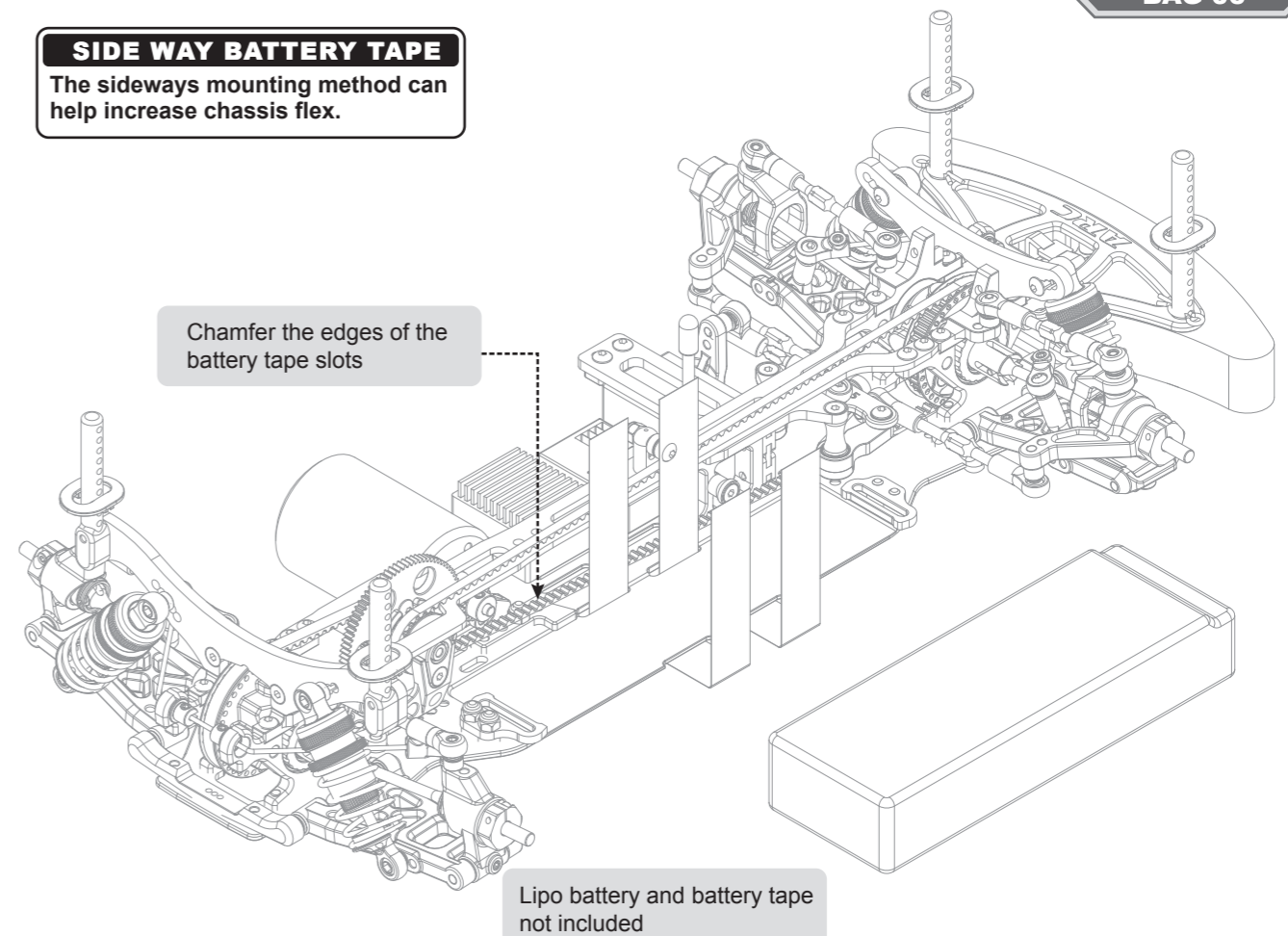
ESC. Receiver (Not included)

Double sided tape (Not included)

SIDE WAY BATTERY TAPE

The sideways mounting method can help increase chassis flex.

Chamfer the edges of the battery tape slots



Lipo battery and battery tape not included

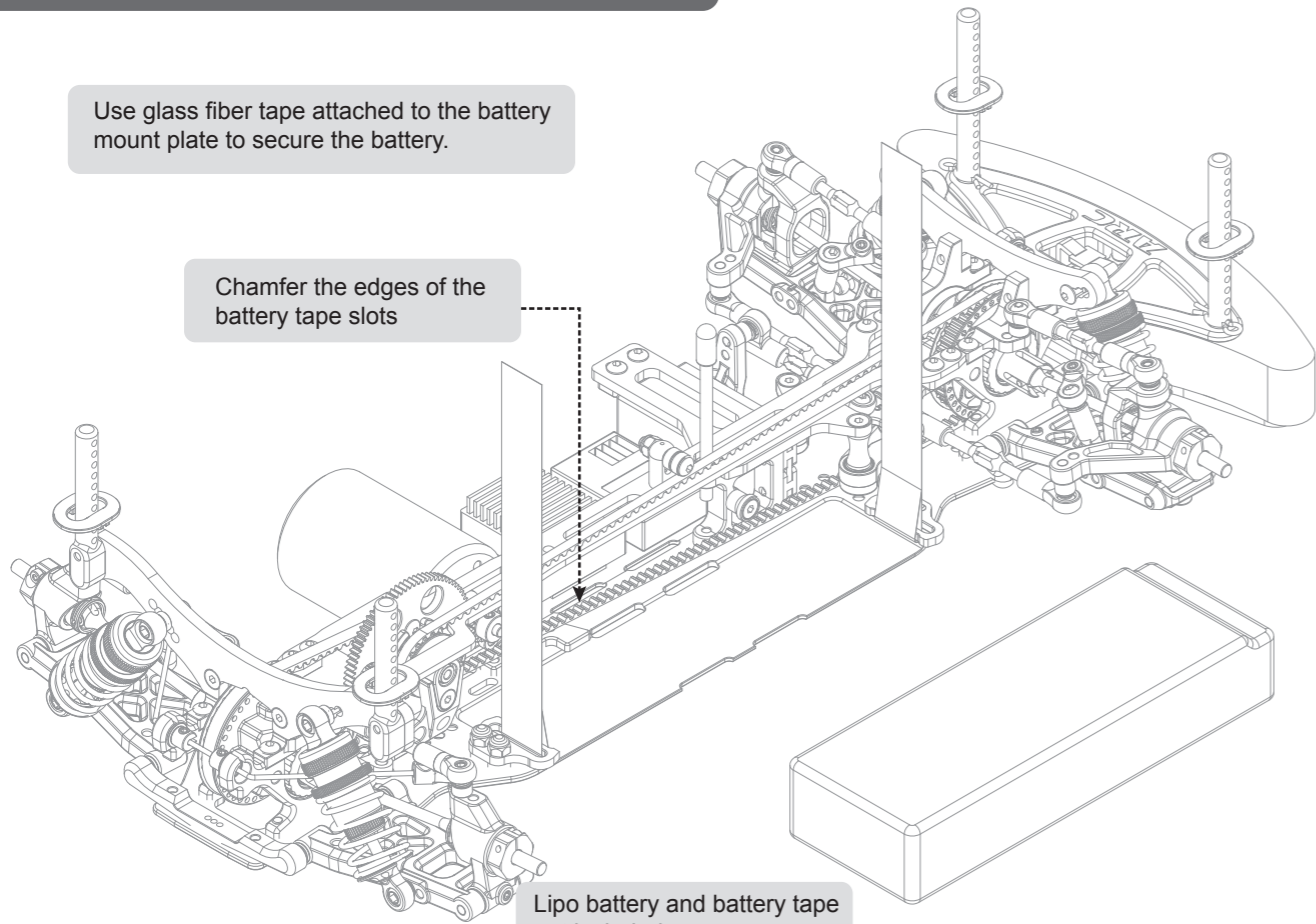
TRADITIONAL BATTERY MOUNTING METHOD

BAG 06

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

Chamfer the edges of the battery tape slots

Lipo battery and battery tape not included

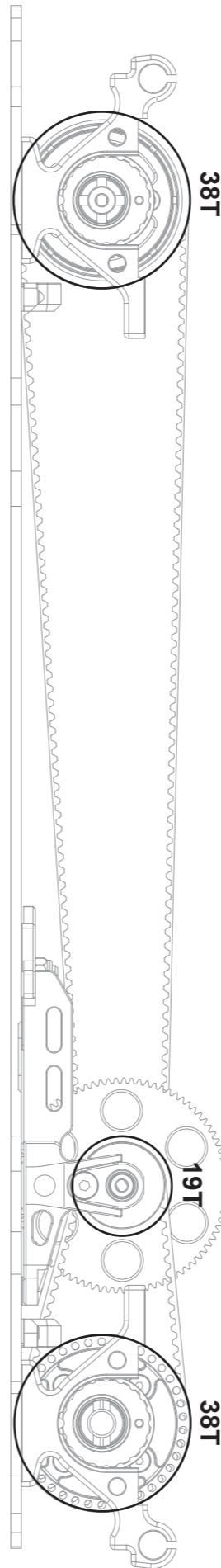
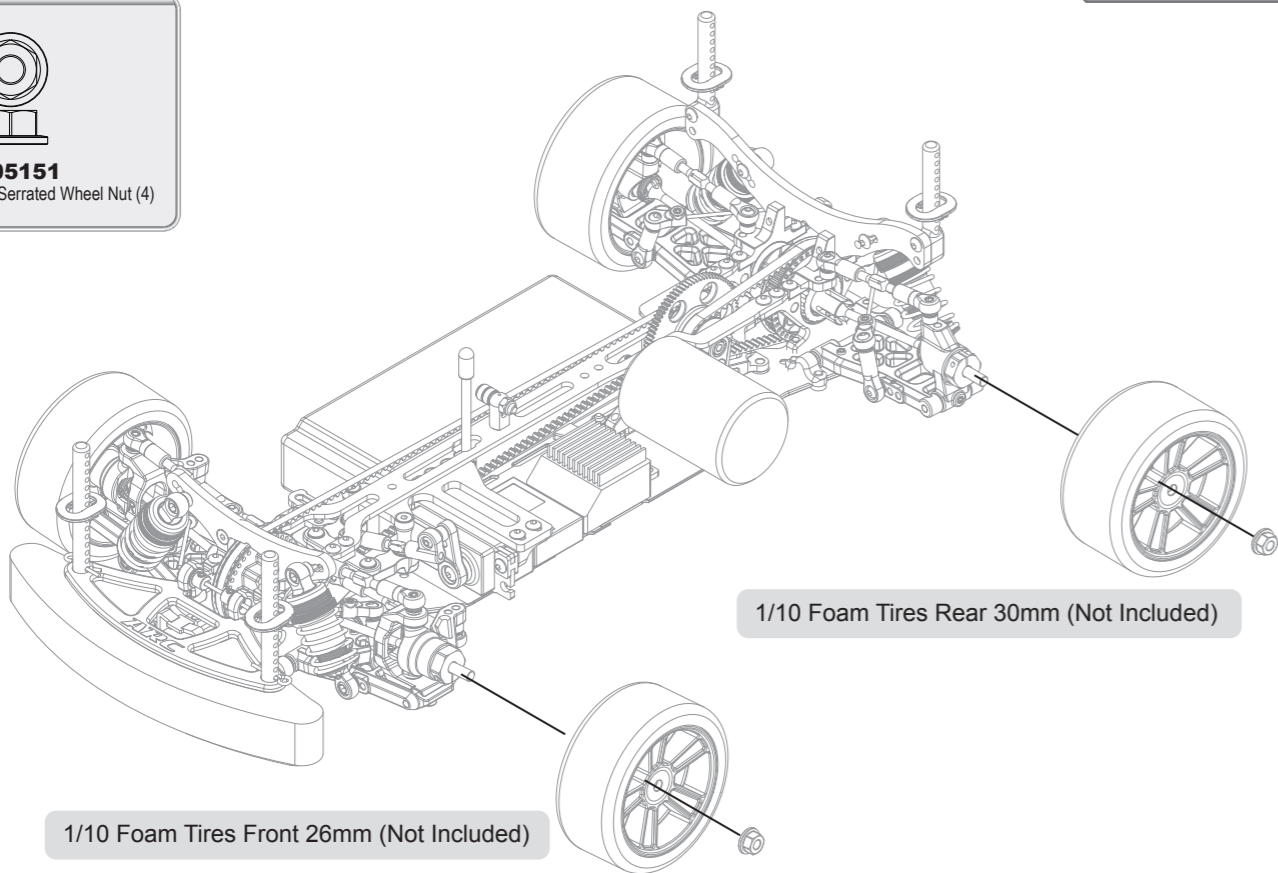


BAG 06



1/10 Foam Tires Rear 30mm (Not Included)

1/10 Foam Tires Front 26mm (Not Included)



ARC R1 Internal Gear Ratio = 2.0

ARC R11 GEAR RATIO CHART 48DP

Spur	56	58	60	62	64	66	68	70	72	74	76	78	80	81	82	83	84	85
Pinion	56	58	60	62	64	66	68	70	72	74	76	78	80	81	82	83	84	85
18	6.22	6.44	6.67	6.89	7.11	7.33	7.56	7.78	8.00	8.22	8.44	8.67	8.89	9.00	9.11	9.22	9.33	9.44
19	5.89	6.11	6.32	6.53	6.74	6.95	7.16	7.37	7.58	7.79	8.00	8.21	8.42	8.53	8.63	8.74	8.84	8.95
20	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.40	7.60	7.80	8.00	8.10	8.20	8.30	8.40	8.50
21	5.33	5.52	5.71	5.90	6.10	6.29	6.48	6.67	6.86	7.05	7.24	7.43	7.62	7.71	7.81	7.90	8.00	8.10
22	5.09	5.27	5.45	5.64	5.82	6.00	6.18	6.36	6.55	6.73	6.91	7.09	7.27	7.36	7.45	7.55	7.64	7.73
23	4.87	5.04	5.22	5.39	5.57	5.74	5.91	6.09	6.26	6.43	6.61	6.78	6.96	7.04	7.13	7.22	7.30	7.39
24	4.67	4.83	5.00	5.17	5.33	5.50	5.67	5.83	6.00	6.17	6.33	6.50	6.67	6.75	6.83	6.92	7.00	7.08
25	4.48	4.64	4.80	4.96	5.12	5.28	5.44	5.60	5.76	5.92	6.08	6.24	6.40	6.48	6.56	6.64	6.72	6.80
26	4.31	4.46	4.62	4.77	4.92	5.08	5.23	5.38	5.54	5.69	5.85	6.00	6.15	6.23	6.31	6.38	6.46	6.54
27	4.15	4.30	4.44	4.59	4.74	4.89	5.04	5.19	5.33	5.48	5.63	5.78	5.93	6.00	6.07	6.15	6.22	6.30
28	4.00	4.14	4.29	4.43	4.57	4.71	4.86	5.00	5.14	5.29	5.43	5.57	5.71	5.79	5.86	5.93	6.00	6.07
29	3.86	4.00	4.14	4.28	4.41	4.55	4.69	4.83	4.97	5.10	5.24	5.38	5.52	5.59	5.66	5.72	5.79	5.86
30	3.73	3.87	4.00	4.13	4.27	4.40	4.53	4.67	4.80	4.93	5.07	5.20	5.33	5.40	5.47	5.53	5.60	5.67
31	3.61	3.74	3.87	4.00	4.13	4.26	4.39	4.52	4.65	4.77	4.90	5.03	5.16	5.23	5.29	5.35	5.42	5.48
32	3.50	3.63	3.75	3.88	4.00	4.13	4.25	4.38	4.50	4.63	4.75	4.88	5.00	5.06	5.13	5.19	5.25	5.31
33	3.39	3.52	3.64	3.76	3.88	4.00	4.12	4.24	4.36	4.48	4.61	4.73	4.85	4.91	4.97	5.03	5.09	5.15
34	3.29	3.41	3.53	3.65	3.76	3.88	4.00	4.12	4.24	4.35	4.47	4.59	4.71	4.76	4.82	4.88	4.94	5.00
35	3.20	3.31	3.43	3.54	3.66	3.77	3.89	4.00	4.11	4.23	4.34	4.46	4.57	4.63	4.69	4.74	4.80	4.86
36	3.11	3.22	3.33	3.44	3.56	3.67	3.78	3.89	4.00	4.11	4.22	4.33	4.44	4.50	4.56	4.61	4.67	4.72
37	3.03	3.14	3.24	3.35	3.46	3.57	3.68	3.78	3.89	4.00	4.11	4.22	4.32	4.38	4.43	4.49	4.54	4.59
38	2.95	3.05	3.16	3.26	3.37	3.47	3.58	3.68	3.79	3.89	4.00	4.11	4.21	4.26	4.32	4.37	4.42	4.47
39	2.87	2.97	3.08	3.18	3.28	3.38	3.49	3.59	3.69	3.79	3.90	4.00	4.10	4.15	4.21	4.26	4.31	4.36
40	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00	4.05	4.10	4.15	4.20	4.25