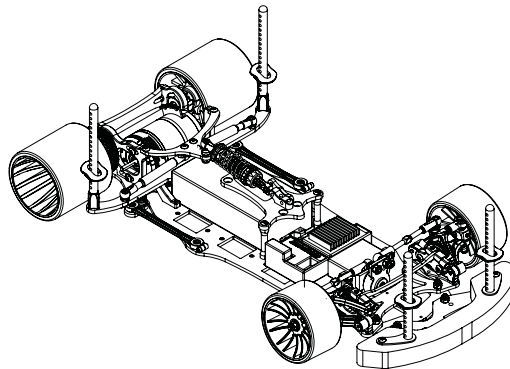


COMPETITION GRADE HIGH PERFORMANCE RADIO CONTROL RACING CAR CHASSIS KIT

LIGHTNING10

1/10 SCALE ELECTRIC COMPETITION CAR KIT



INSTRUCTIONS MANUAL

vbc racing



Thank you for purchasing VBC Racing product.

Things that we should remind you.

This VBC Racing kit is a high performance, racing grade car kit intended for experienced racers. The kit compose of VBC formulated composite materials, top quality full carbon fiber chassis and high grade 7075 material which will give you a competitive edge over the others.

Novice racer should seek advice from more experienced racer before assembly.

Always keep this instruction manual handy at all times for quick reference even after completing the assembly.

Before your assembly, sand the chassis edges.

Sand the chassis edges with #600 sand paper and apply CA glue to the edges and counter sink holes.

Need help or support.

If you need help or you would like to leave us a comment, please email to our support team: support@vbc-racing.com or visit our web site www.vbc-racing.com



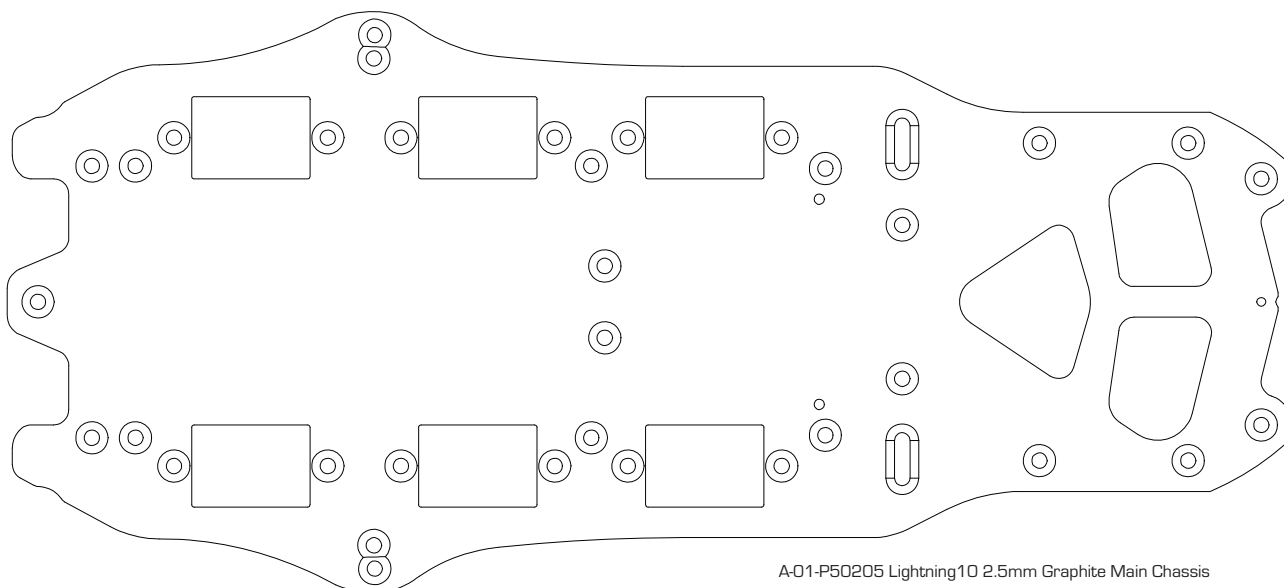
1

Graphite Edges Protection Procedure

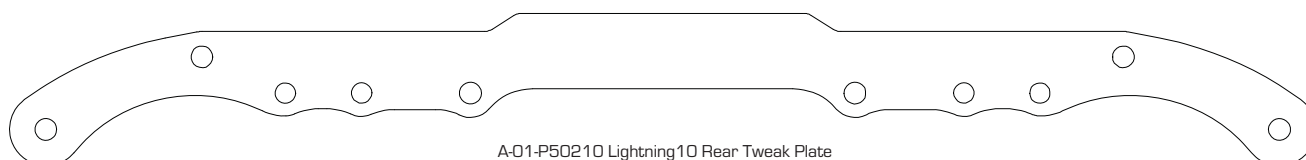


*Not included in this kit

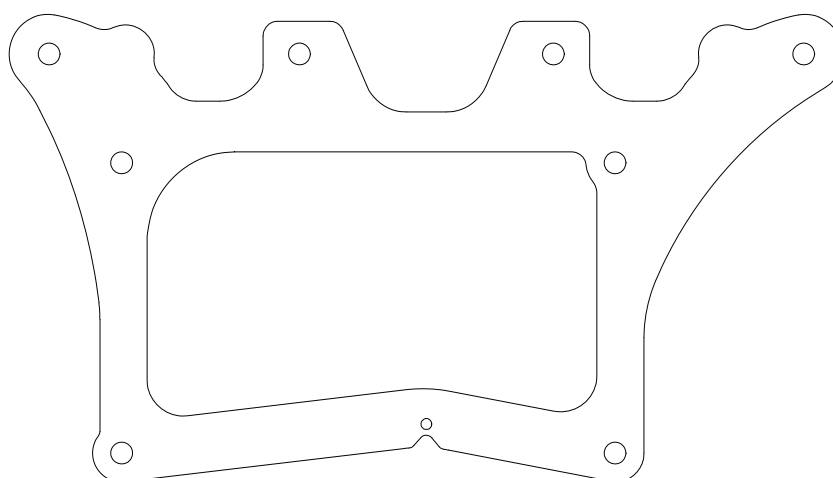
Sand the chassis edges with #600 sand paper(not included) and apply CA glue(not included) to the edges of the chassis.



A-01-P50205 Lightning10 2.5mm Graphite Main Chassis

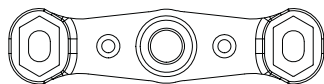


A-01-P50210 Lightning10 Rear Tweak Plate

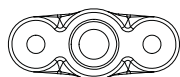


A-01-VBC-5083 Lightning12 Graphite Lower Pod Plate

Sand the below graphite edges with #600 sand paper and apply CA glue to the edges.

2***Pivot Brace Assembly Part 1***

Pivot Brace D-05-VBC-0101 x 1



Pivot Brace Cover D-05-VBC-0101 x 1



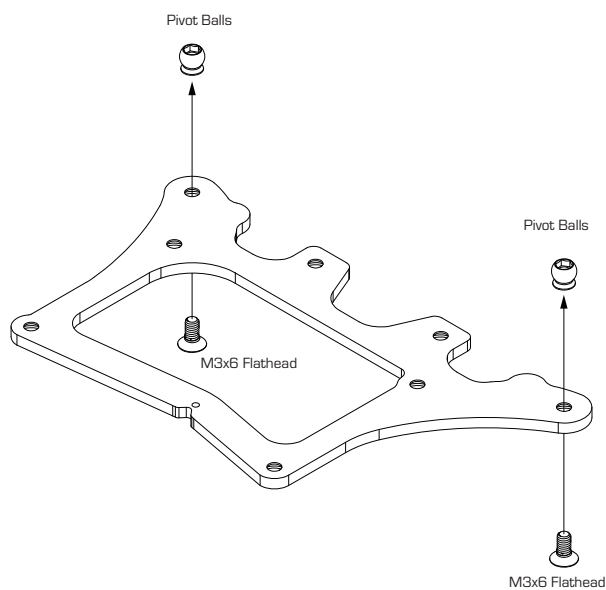
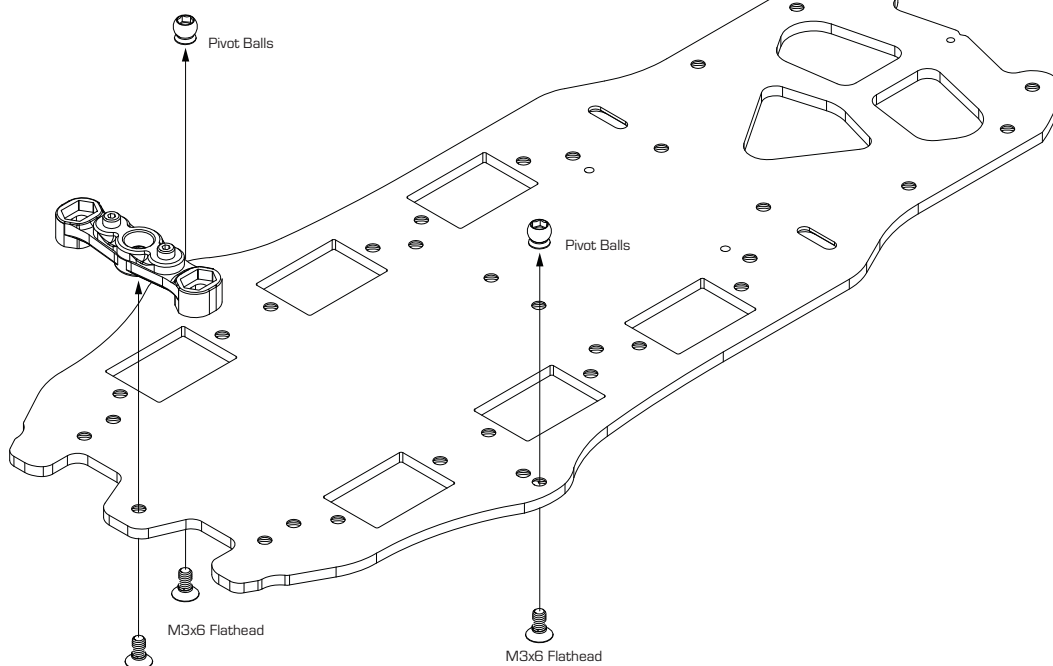
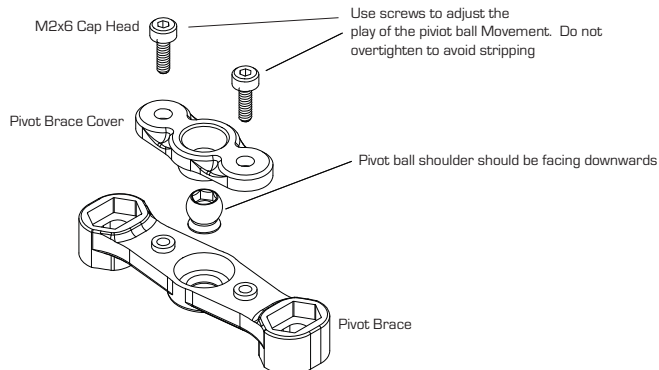
M2x6 Cap Head C-02-SC-R2.0x6 x 2



Pivot Balls A-03-VBC-1027 x 5



M3x6 Flathead C-02-SC-F0306 x 5



2

Pivot Brace Assembly Part2



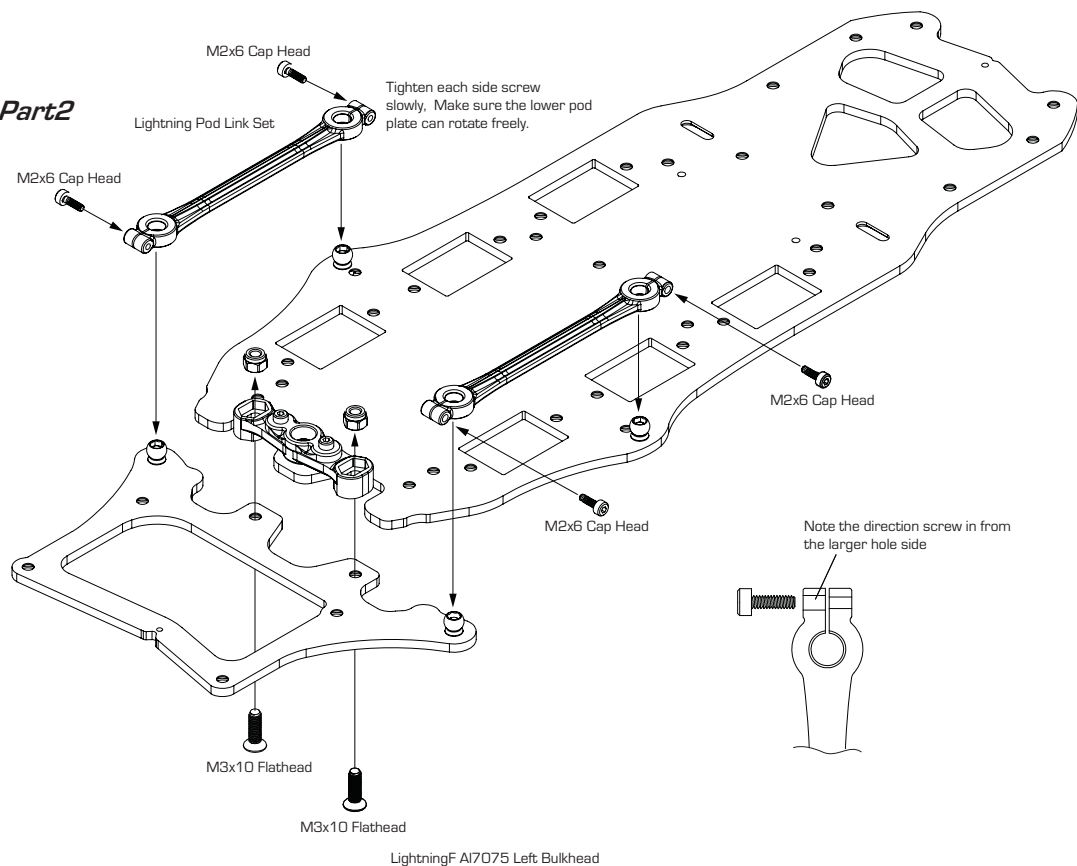
M2x6 Cap Head C-02-SC-R2.0x6 x 4



M3 Locknut C-02-SC-NN03 x 2

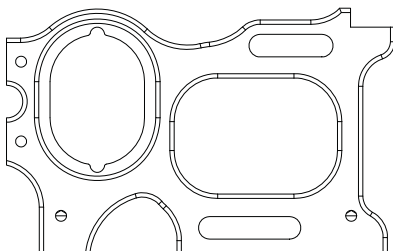


M3x10 Flathead C-02-SC-F0310 x 2

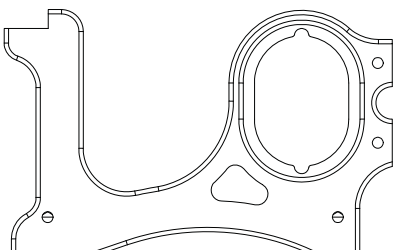


3

Rear Bulkhead Assembly Part1



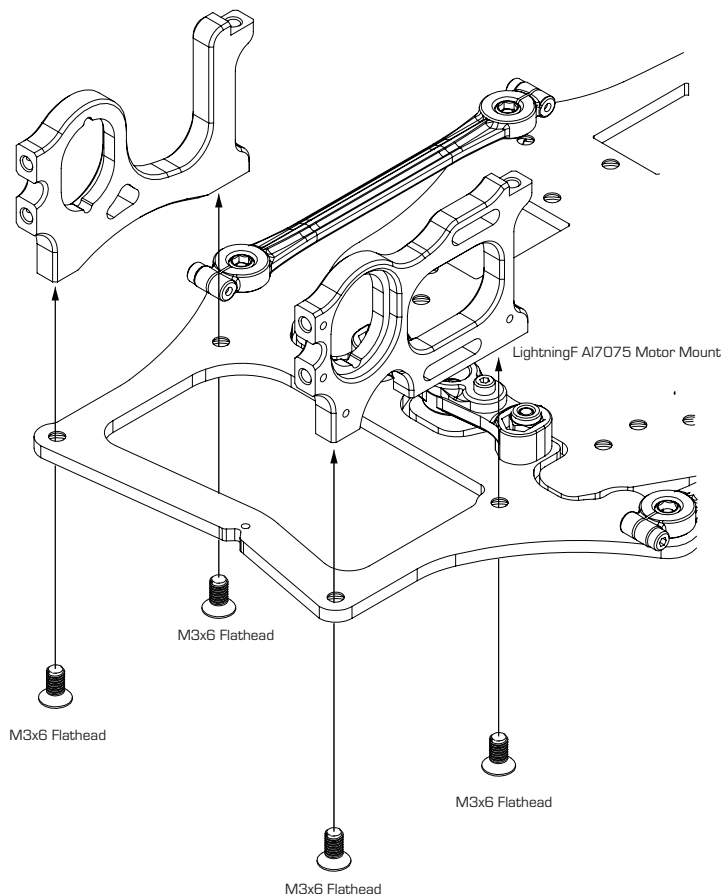
LightningF AI7075 Motor Mount B-02-VBC-5128 x 1



LightningF AI7075 Left Bulkhead B-02-VBC-5129 x 1

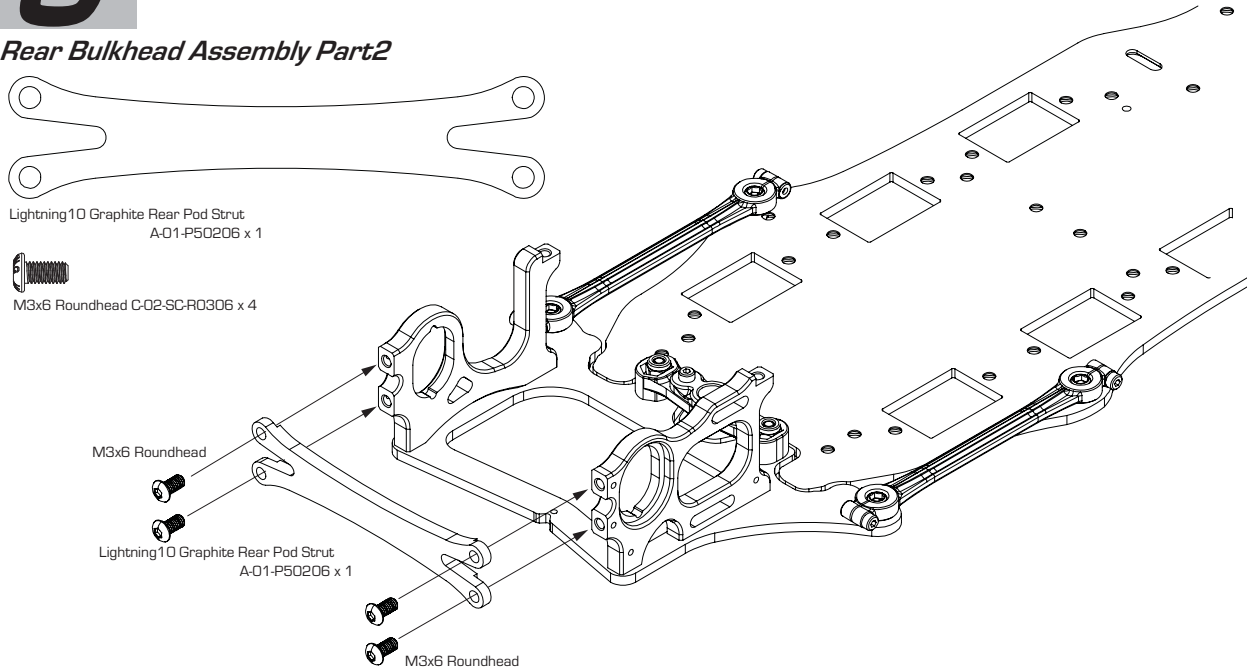


M3x6 Flathead C-02-SC-F0306 x 4



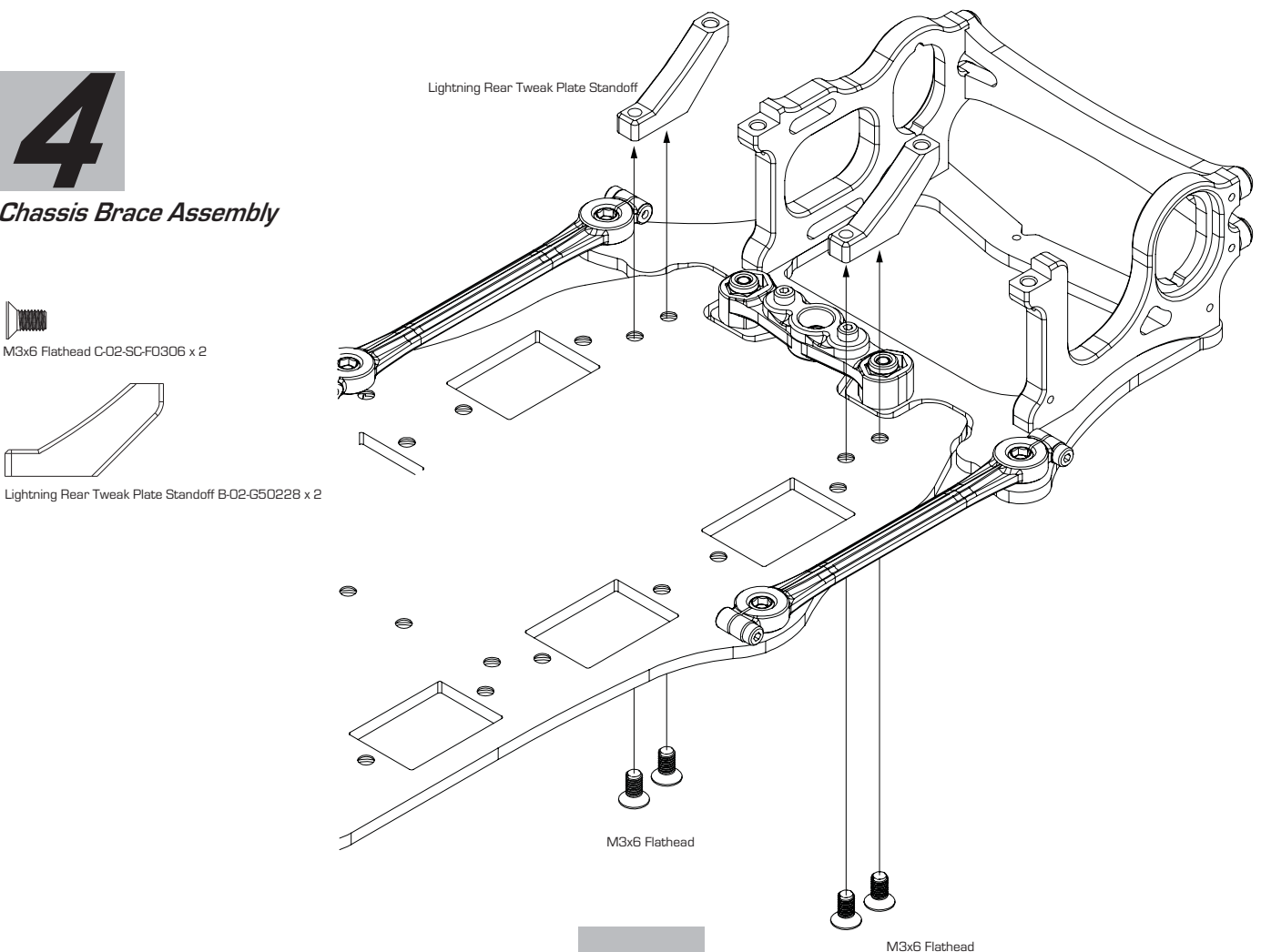
3

Rear Bulkhead Assembly Part2



4

Chassis Brace Assembly



BAG MARKED **STEP2-5**



4



4.7mm Ball Nuts B-02-VBC-5020 x 2



M3x6 Roundhead C-02-SC-R0306 x 4



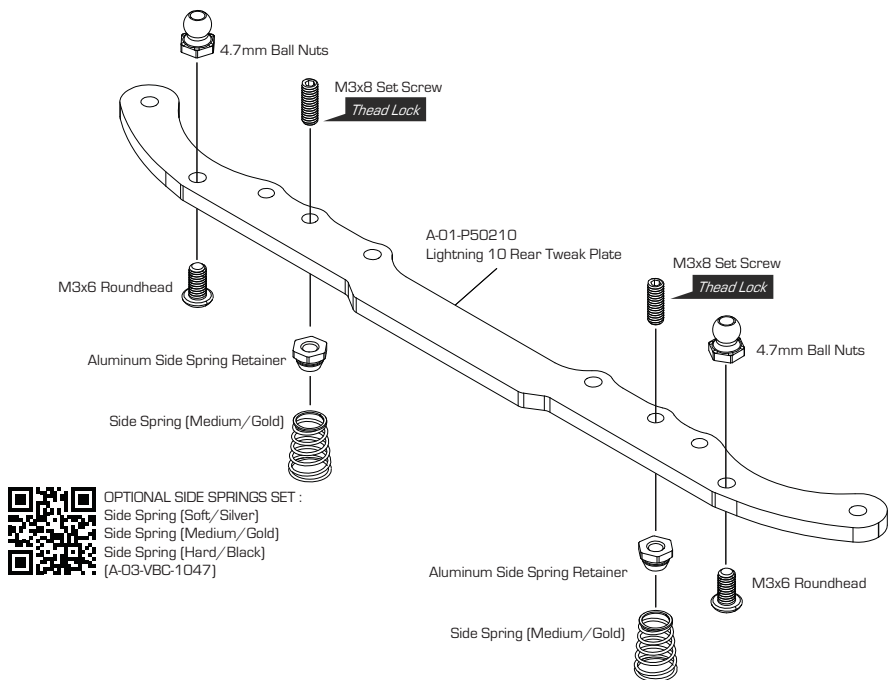
Aluminum Side Spring Retainer B-02-VBC-5074 x 2



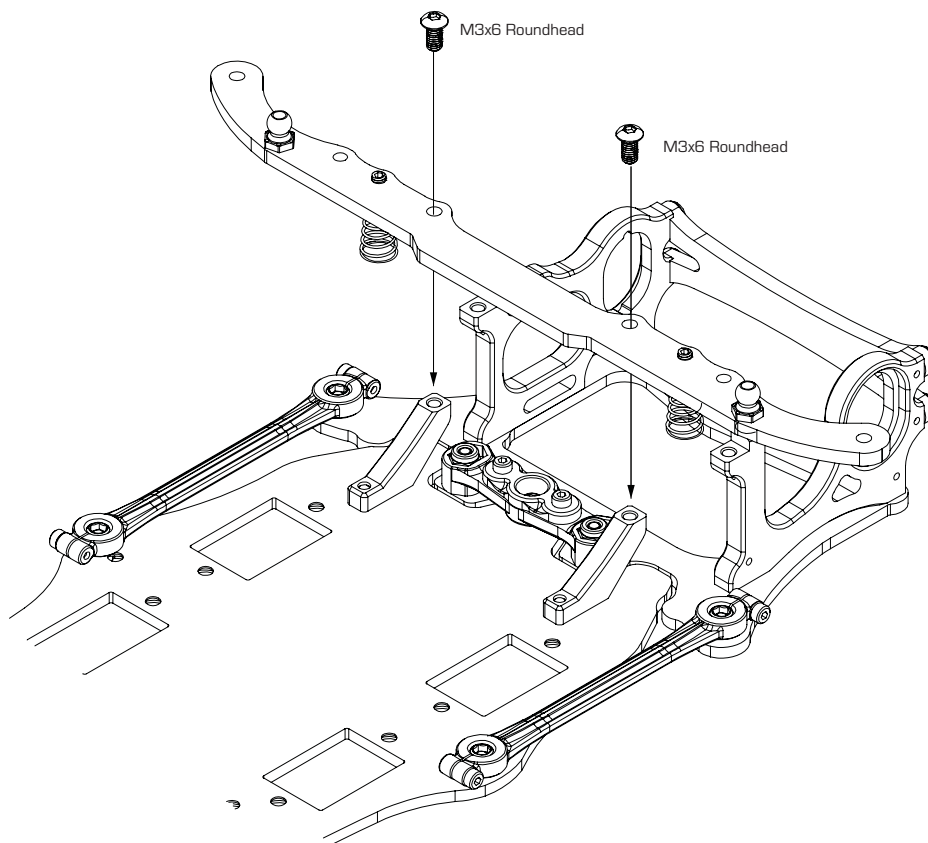
Side Spring (Medium/Gold) A-03-VBC-1047 x 2



M3x8 Set Screw C-02-SC-SS-0308 x 2



OPTIONAL SIDE SPRINGS SET :
Side Spring (Soft/Silver)
Side Spring (Medium/Gold)
Side Spring (Hard/Black)
[A-03-VBC-1047]



5



Ball Connector 4.7x17mm A-02-VBC-5092 x 1



4.7mm Ball Nuts B-02-VBC-5020 x 2



T2 7075 Spacer B-02-VBC-0019-20 x 2



T1 7075 Spacer B-02-VBC-0019-10 x 1



M3x6 Roundhead C-02-SC-R0306 x 4



M3 Locknut C-02-SC-NN03 x 1



Lightning Damper Tube Shaft D-05-VBC-0103 x 2



Lightning Damper Tube D-05-VBC-0103 x 2



Turnnuckle Cup (Short) A-03-VBC-5021 x 4

Ball Connector 4.7x17mm

2mm Spacer

2mm Spacer

1mm Spacer

M3x6 Roundhead

Lightning10 Graphite Rear Shock Mount Plate

4.7mm Ball Nuts

M3 Locknut

Turnbuckle Cup (Short)

Friction Grease

MAKE TWO

Lightning Damper Tube Shaft Set

Turnbuckle Cup (Short)

M3x6 Roundhead

M3x6 Roundhead

6



OPTIONAL LIGHTNING FRONT AXLE :
Lightning Inline Front Axle C-02-P50211



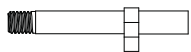
M2.5 x 6 x 0.5 Spacer C02P50259 x 2



M2.5x4 Roundhead C-02-SC-R2504 x 4



Ball Connector 4.7x12mm A-02-VBC-5015 x 2



Lightning12 Front Axle B-02-VBC-5060 x 2



Pivot Ball B-02-VBC-5068 x 4



M3x15mm Turnbuckle, Black A-02-VBC-5053 x 2



Lightning12 Front Upper Arm Eyelet
A-02-VBC-5092 x 2



M3x10 Roundhead C-02-SC-R0310 x 4



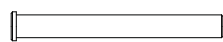
M3x12 Flathead C-02-SC-F0312 x 4



Lightning12 Front Upper Arm Spacer, 1.5mm
A-01-VBC-5048 x 2



M3.3x0.4 Kingpin Shim C-02-VBC-5069 x 22



Lightning12 Kingpin C-02-VBC-5044 x 2



Front Spring [Medium/Gold] C-02-VBC-5042 x 2



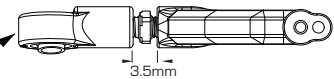
M2x8 Caphead C-02-SC-R2.0x8 x 2



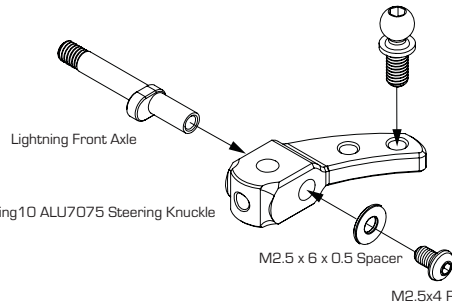
M3x3 Set Screw C-02-SC-SS-0303 x 2

Make Two (Left And Right Side)

Please note the direction of
the Upper Arm Eyelet as they
are offset.



Ball Connector 4.7x12mm



Lightning10 ALU7075 Steering Knuckle

M2.5 x 6 x 0.5 Spacer

M2.5x4 Roundhead

Pivot Ball

Lightning12 Front Upper Arm Eyelet

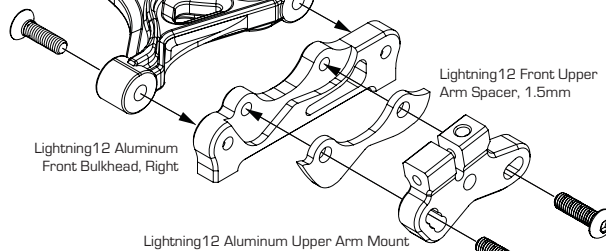
M3x15mm Turnbuckle, Black

Lightning12 Front Upper Arm

Pivot Ball

M3x12 Flathead

Lightning12 Front Lower Arm
A-02-VBC-5067



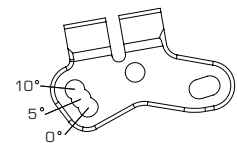
Lightning12 Aluminum
Front Bulkhead, Right

Lightning12 Aluminum Upper Arm Mount

Lightning12 Front Upper
Arm Spacer, 1.5mm

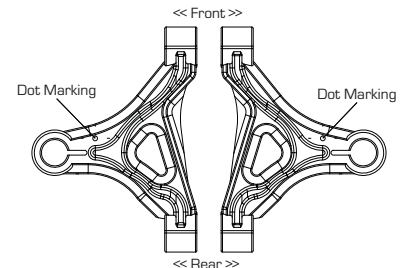
M3x10 Roundhead

Upper Arm Mount Active Caster Setup



Note : 10° Is The Standard Setup

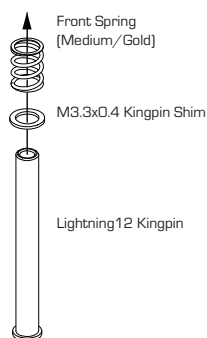
Note : Lower arm in the same direction,
dot marking should be facing up



OPTIONAL FRONT UPPER ARM SPACER SET :
0.5mm / 1.0mm Adjust Spacer
(D-05-VBC-0109)



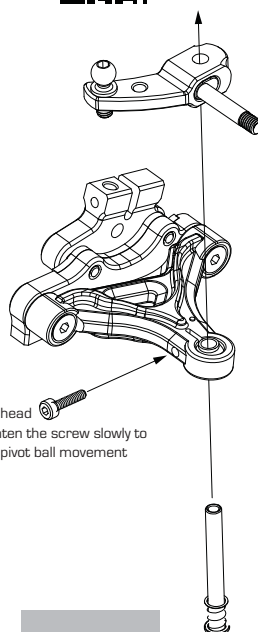
OPTIONAL FRONT SPRINGS :
Front Spring [Soft/Silver] C-02-VBC-5041
Front Spring [Hard/Black] C-02-VBC-5043



Front Spring
[Medium/Gold]

M3.3x0.4 Kingpin Shim

Lightning12 Kingpin



M2x8 Caphead
Note : Tighten the screw slowly to
adjust the pivot ball movement

M3x3 Set Screw

BAG MARKED **STEP 6**

vbc racing

6

Front Suspension Assembly



Lightning Height Adjust Spacer, 1.5mm
A-01-VBC-5045 x 2



M3x12 Flat Head Screw C-02-SC-F0312 x 4



M2x4 Roundhead Screw C-02-SC-R0204 x 2



2mm Upper Hinge Pin C-02-VBC-5054 x 2



Caster Spacer, 0.8mm D-05-VBC-0110 x 2



Caster Spacer, 1.2mm D-05-VBC-0110 x 2



M3x2mm Set Screw C-02-SC-SS-0302 x 2

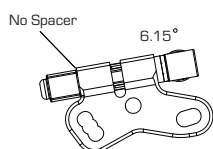
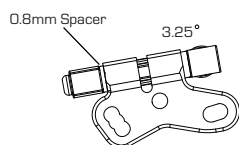
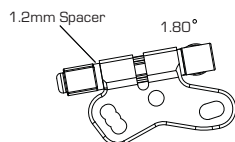


Lightning10 Front Hinge Brace A-01-G50229 x 1

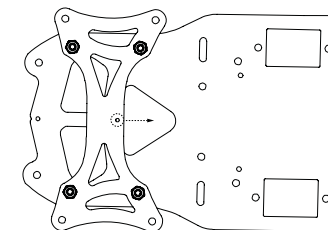
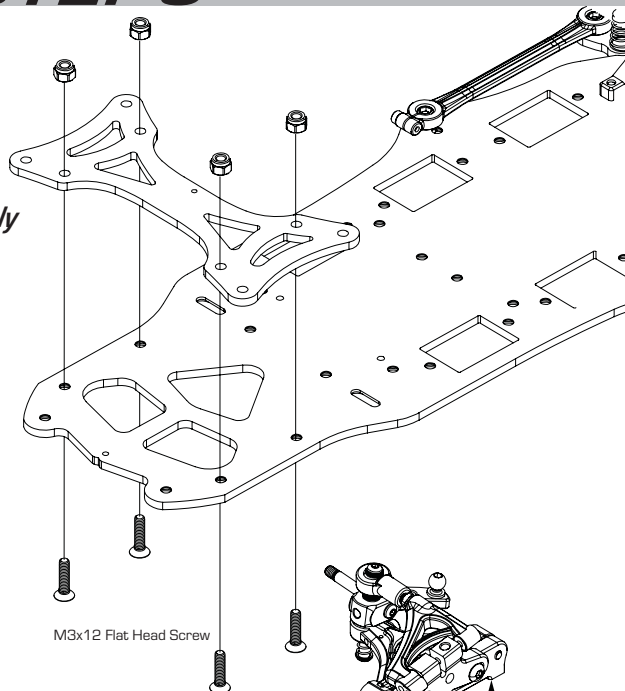


M3x8 Roundhead C-02-SC-R0308 x 4

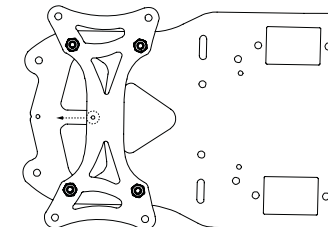
Caster Adjustments



OPTIONAL HEIGHT ADJUST SPACER SET :
0.5mm/ 1.0mm Height Adjuster Spacer
(D-05-VBC-0108)



Wheel Base 250mm Setup



Wheel Base 253mm Setup

Height Adjust Spacer, 1.5mm

Height Adjust Spacer
1.5mm

M3x8 Roundhead

Caster Spacer,
1.2mm

Caster Spacer,
0.8mm

M3x8 Roundhead

M3x2mm Set Screw

2mm Upper Hinge Pin

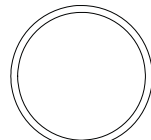
2mm Upper Hinge Pin

M2x4 Roundhead Screw

M2x4 Roundhead Screw

7

Ball Differential Assembly



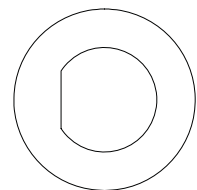
Differential Seal O-ring B-02-VBC-5082 x 2



Ball Bearing Flanged 3/8"x1/4"
C-02-BB-3814F x 4



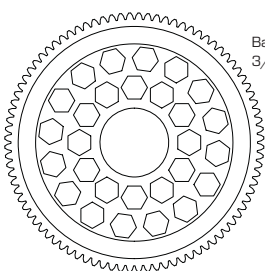
Ball Bearing 3/8"x1/4" C-02-BB-3814 x 1



Differential Drive Ring B-02-VBC-1001 x 2



1/8" Differential Balls C-02-DB-0801S x 16



64 Pitch 88T Spur Gear A-03-P50232 x 1



Thrust Cone B-02-VBC-5081 x 1



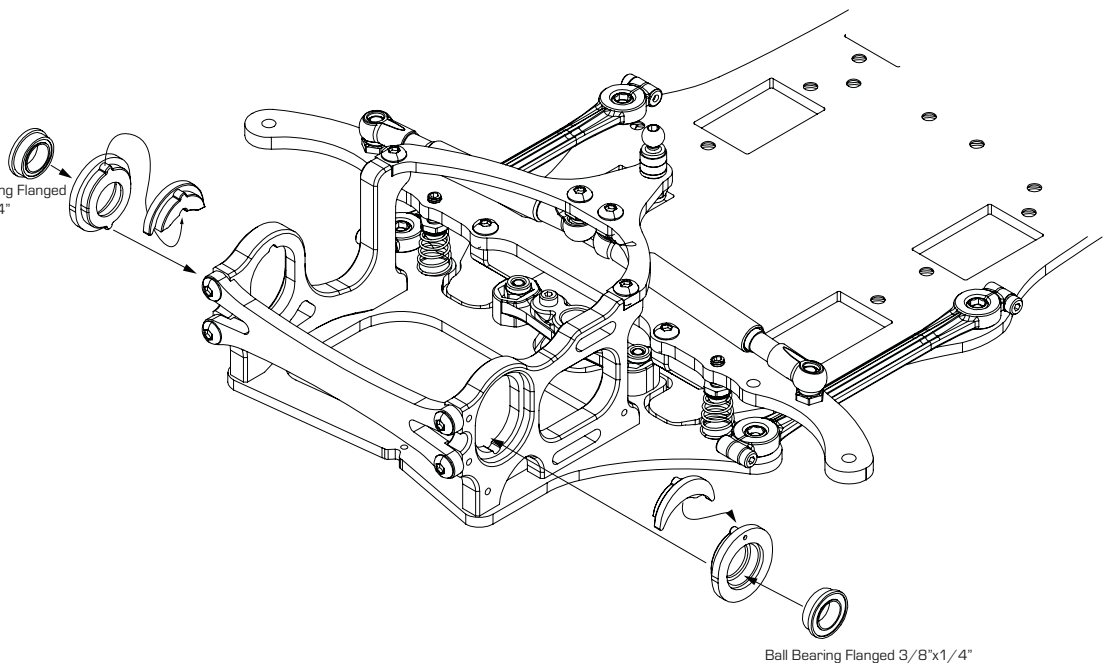
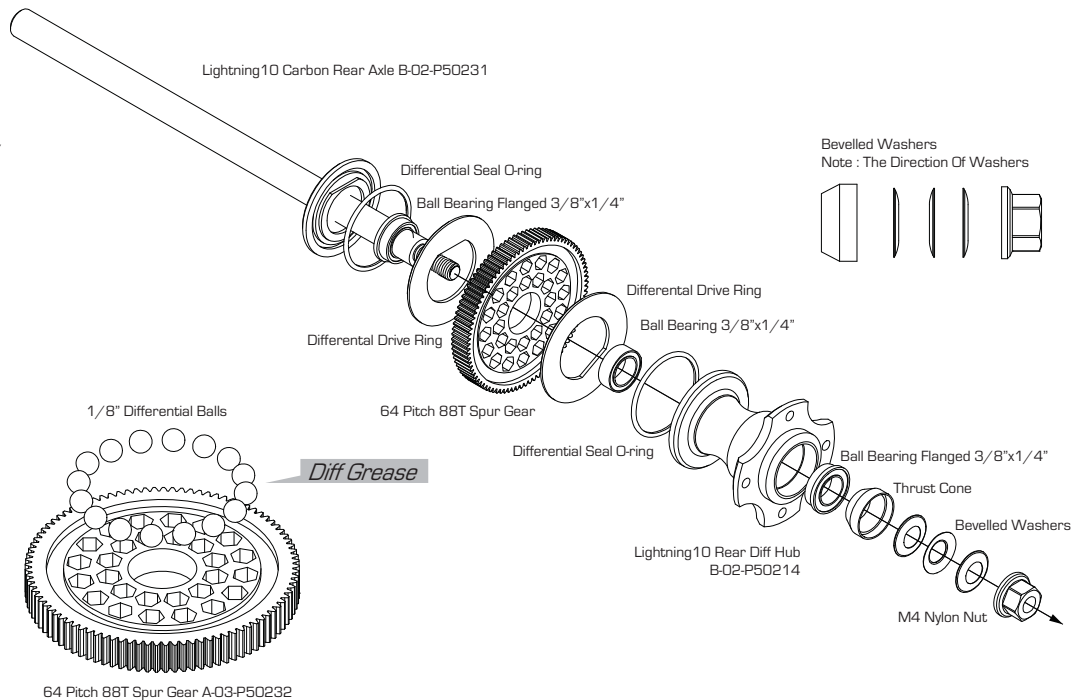
Bevelled Washer C-02-VBC-5076 x 3



M4 Nylon Nuts A-02-VBC-5075 x 1

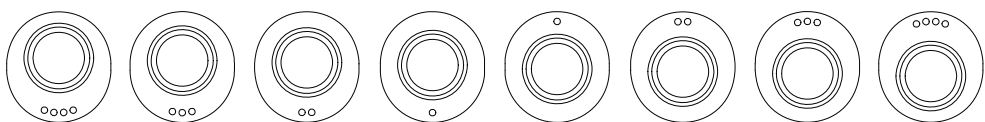


Axle Height Adjuster Spacer A-01-VBC-5131 x 2



Lightning 12 Axle Height Adjuster
D-05-VBC-0114

High Low

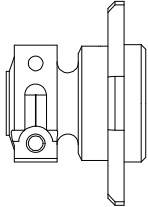


7

Ball Differential Assembly



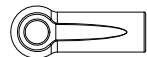
M2.5x8 Cap Head Screw C-02-SC-R2508 x 2



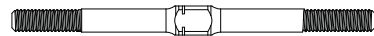
Lightning10 Left Rear Wheel Hub B-02-P50213 x 1

8

Servo And Top Plate Assembly



Turnbuckle Cup (Long) A-03-VBC-5016 x 4



50mm Turnbuckle for Lightning Series B-02-P50234 x 2



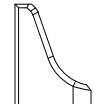
M3x6x0.5mm Spacer B-02-VBC-5093 x 4



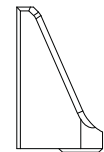
M3x8 Roundhead C-02-SC-R0308 x 4



Servo Spacer B-02-VBC-5013 x 2



Alum Servo Mount B-02-VBC-5012 x 2



Alum Servo Mount for Low Profile Servo B-02-P50262



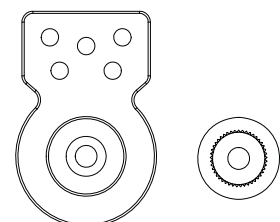
Ball Connector 4.7x12mm A-02-VBC-5015 x 2



T1 7075 Spacer B-02-VBC-0019-10 x 2

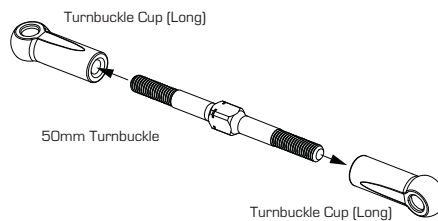
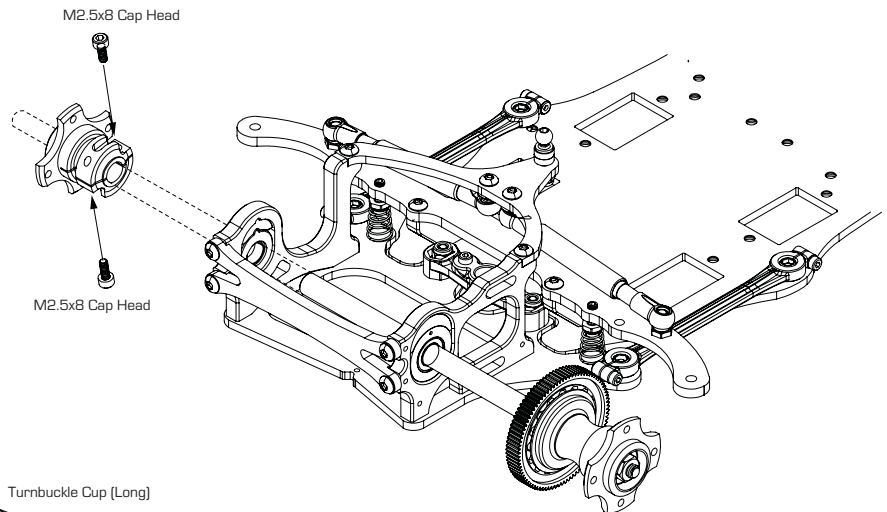


M3 Locknut C-02-SC-NN03 x 2

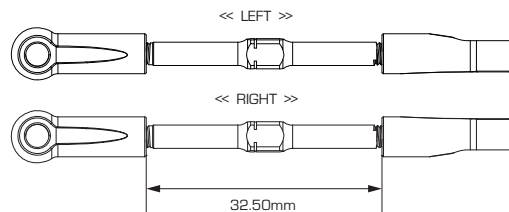


Servo Saver Set B-03-VBC-5017 x 1

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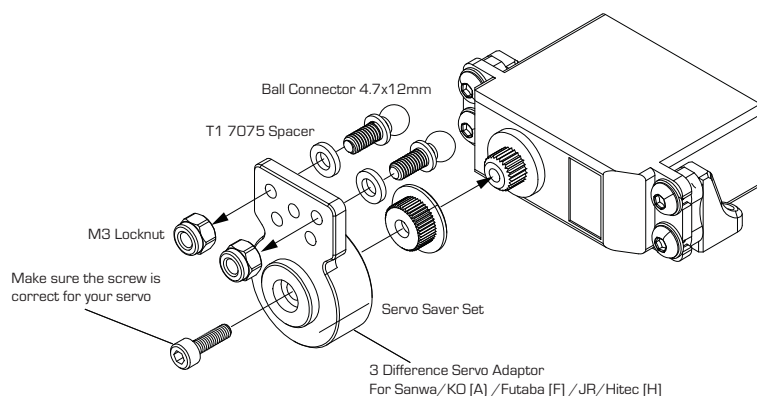
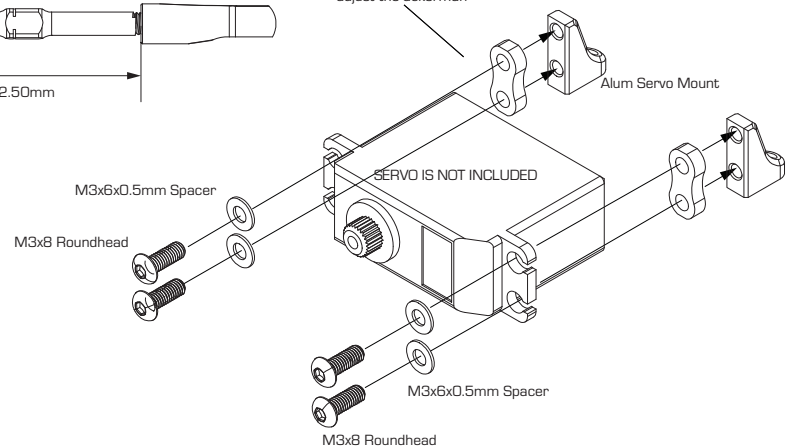


Optional : Tie Rod Wrench Set D-05-VBC-0048



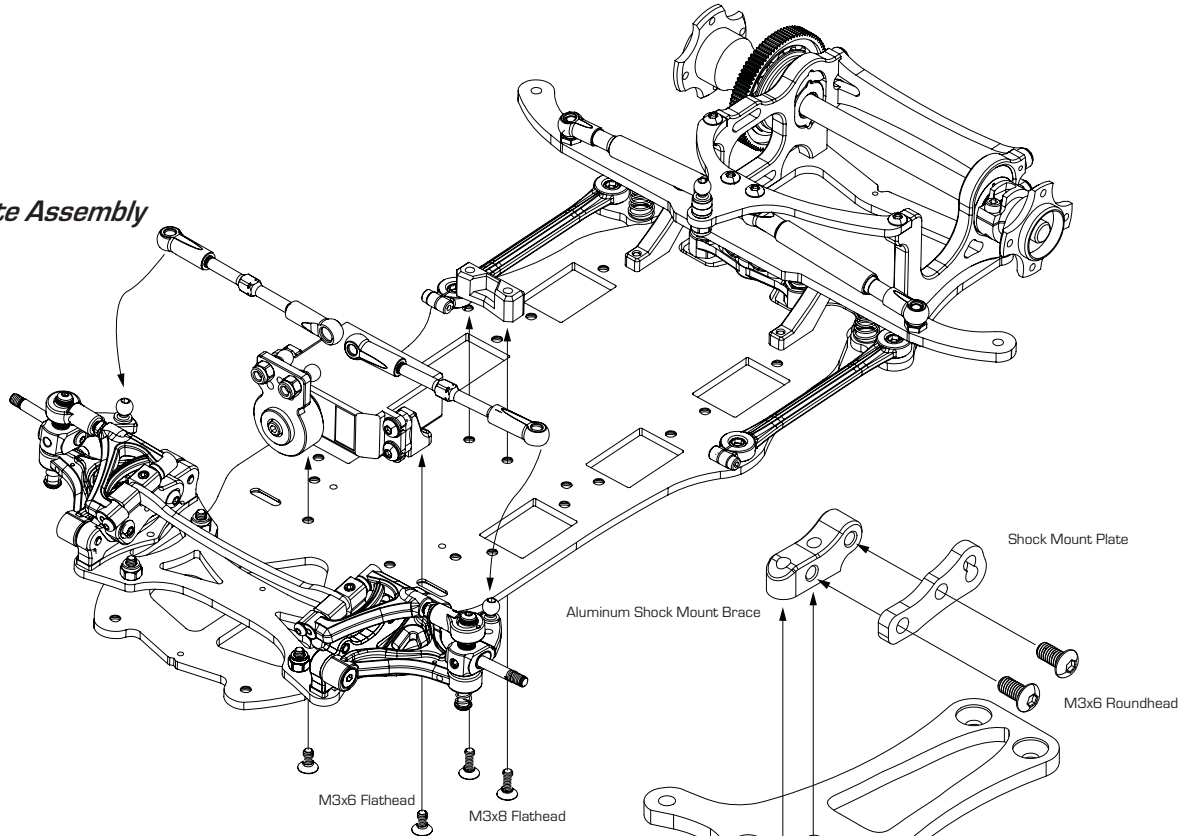
1mm Servo Spacer
Note : Use this Spacer To
adjust the ackerman

*B-02-VBC-5012 Alum Servo Mount
for mini servo setup and B-02-P50262
for standard servo setup



8

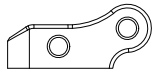
Servo And Top Plate Assembly



M3x6 Flathead C-02-SC-F0306 x 6



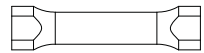
M3x6 Roundhead C-02-SC-R0306 x 4



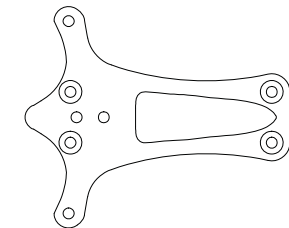
Aluminum Shock Mount Brace A-01-VBC-5003 x 1



Shock Mount Plate A-01-VBC-5004 x 1

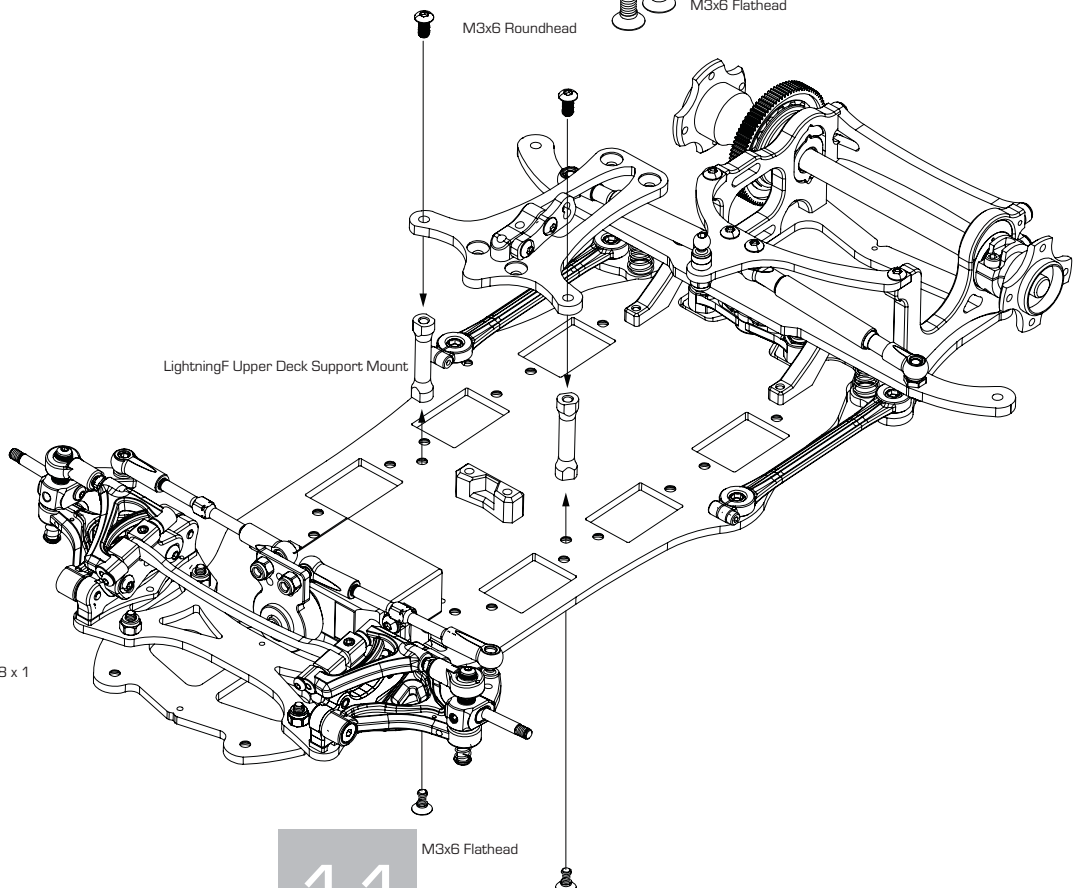


LightningF Upper Deck Support Mount B-02-VBC-5096 x 2



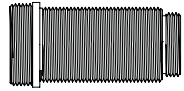
Lightning10 Graphite Front Shock Mount Plate A-01-P50208 x 1

Lightning10 Graphite Front Shock Mount Plate
A-01-P50208

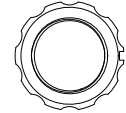


9

Assemble TBX Shock



TBX Shock Body B-02-VBC-5023 x 1



TBX Spring Adjuster B-02-VBC-5024 x 1



M1.5x10 O-ring C-02-VBC-5035 x 1



TBX Shock Bottom Cap B-02-VBC-5025 x 1



Shock Bottom O-ring Guard A-02-VBC-5030 x 1



M2x6mm O-ring [Blue] C-02-VBC-5037 x 1



M2x6mm O-ring [Clean] R-02-P50264 x 1



TBX Piston [2 Holes] A-02-VBC-5027 x 1



TBX Piston [3 Holes] A-02-VBC-5028 x 1

Lightning12 TBX Shock Shaft C-02-VBC-5026 x 1



M1.5 E-Clip C-02-VBC-5038 x 2



TBX Shock Ball End B-02-VBC-5033 x 1



TBX Shock O-ring Guard A-02-VBC-5029 x 1



TBX Shock Thru Cap A-02-VBC-5031 x 1

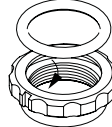


M1.0x7.5 O-ring C-02-VBC-5036 x 1



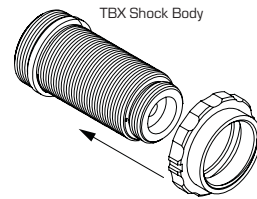
5mm Pivot Ball A-03-VBC-1027 x 1

M1.5x10 O-ring

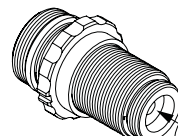


TBX Spring Adjuster

Insert Sealer O-Ring inside the Spring Adjuster Groove



TBX Shock Body



Note The Direction Of O-ring Guard

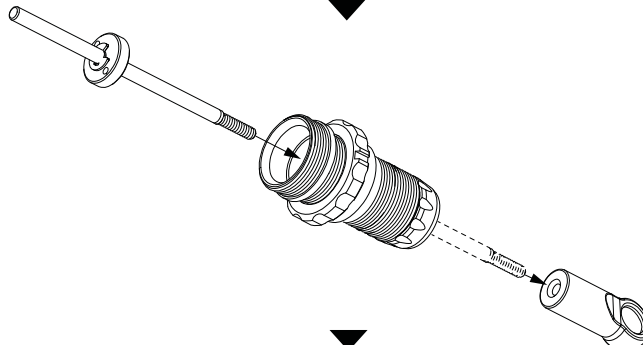


M2x6mm O-ring [Clean]



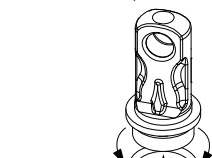
TBX Shock Bottom Cap

Shock Bottom O-ring Guard



TBX Shock Ball End

TBX Shock Thru Cap



M1.0x7.5 O-ring



Note The Direction Of O-ring Guard

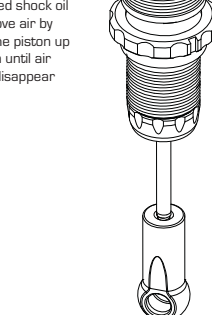


M2x6mm O-ring[Blue]



TBX Shock O-ring Guard

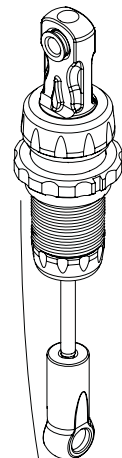
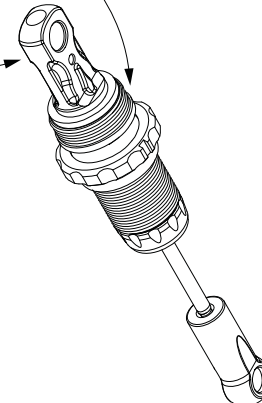
Fill supplied shock oil and remove air by moving the piston up and down until air bubbles disappear



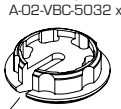
Aluminum Shock Cap B-02-VBC-5022



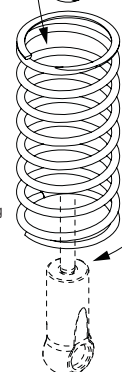
5mm Pivot Ball



TBX Spring Retainer A-02-VBC-5032 x 1



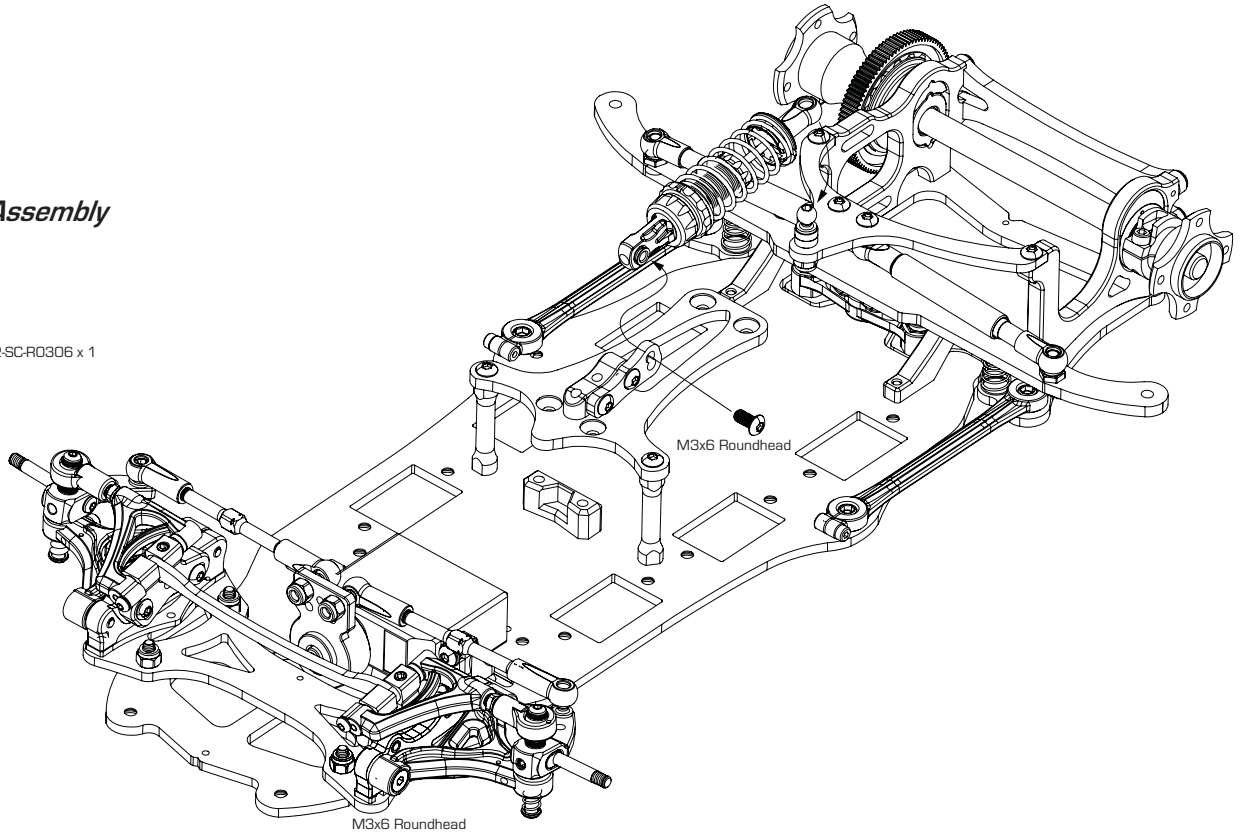
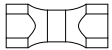
Lightning12 TBX Spring [Gold/Medium] C-02-VBC-5034



OPTIONAL LIGHTNING12 TBX SPRINGS :
C-02-VBC-5039 [Med. Soft/Silver]
C-02-VBC-5040 [Med. Hard/Black]

9**TBX Shock Assembly**

M3x6 Roundhead C-02-SC-R0306 x 1

**10****Front Bumper Assembly**

14mm Aluminum Standoff B-02-VBC-5073 x 2



M3x6 Roundhead C-02-SC-R0306 x 2



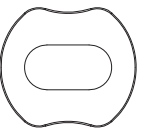
M3x6mm Flat Head Screw C-02-SC-F0306 x 2



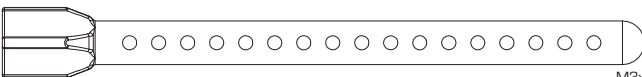
M3x10mm Flat Head Screw C-02-SC-F0310 x 2



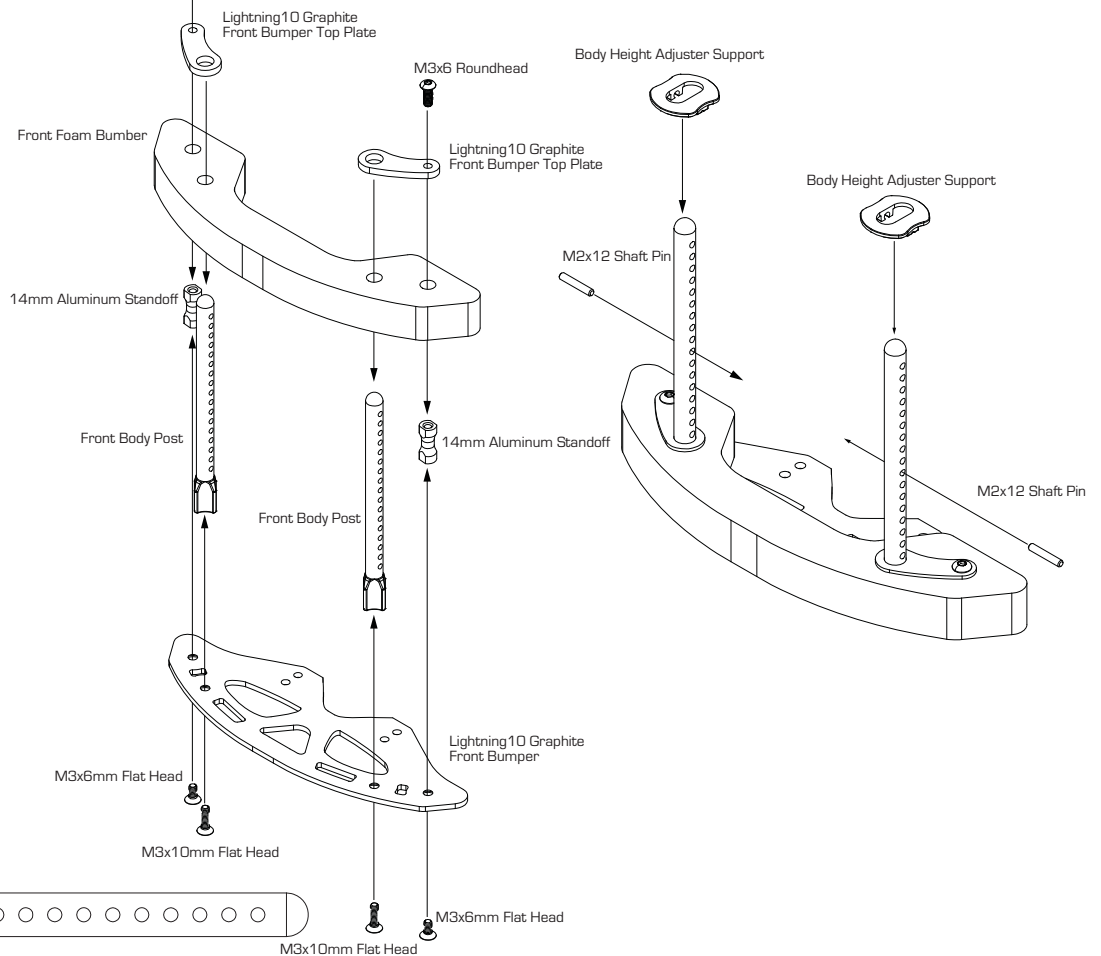
M2x12 Shaft Pin B-02-VBC-0022 x 2



Body Height Adjuster Support A-03-VBC-0015 x 2



Front Body Post A-03-VBC-0013 x 2

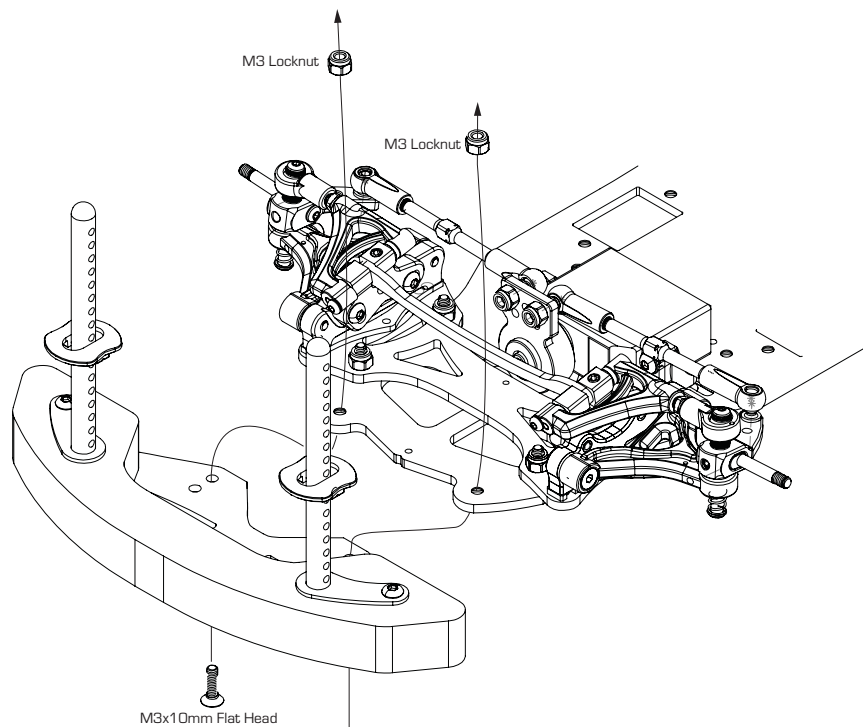


11**Installing Front Bumper**

M3 Locknut C-02-SC-NN03 x 2



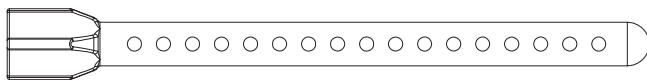
M3x10mm Flat Head Screw C-02-SC-F0310 x 2

**12****Rear Body Post Assembly**

M2x12 Shaft Pin B-02-VBC-0022 x 2



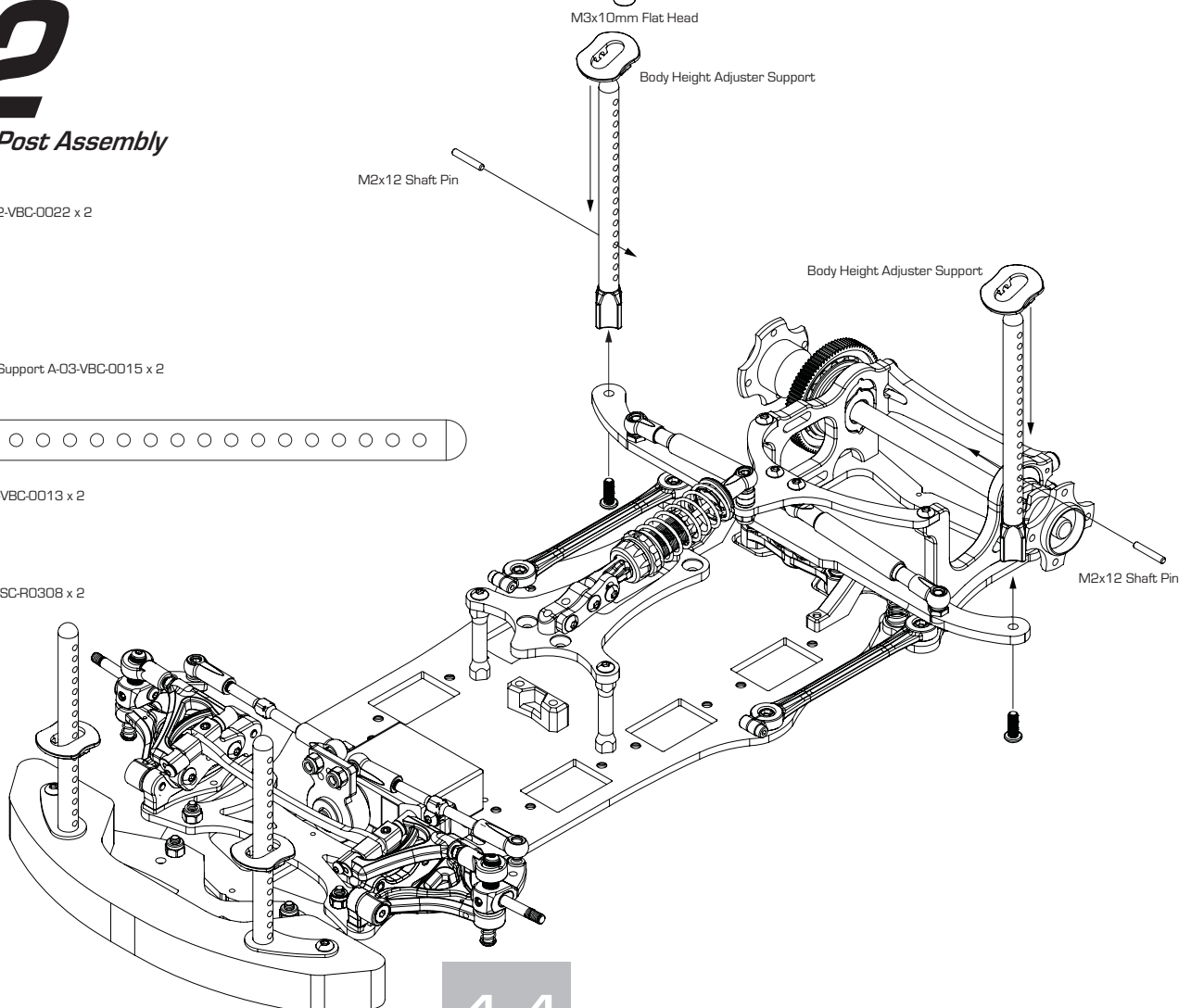
Body Height Adjuster Support A-03-VBC-0015 x 2

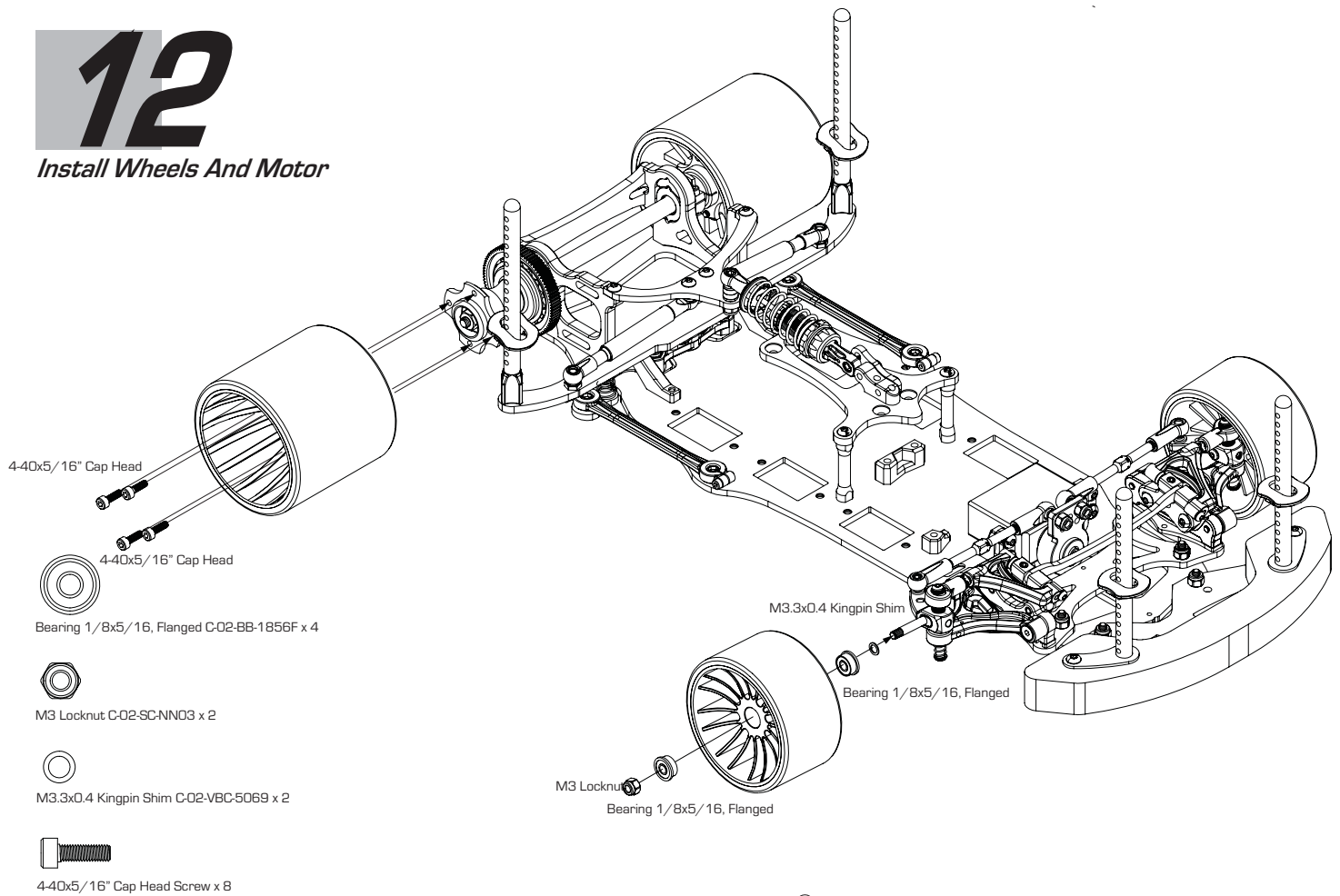
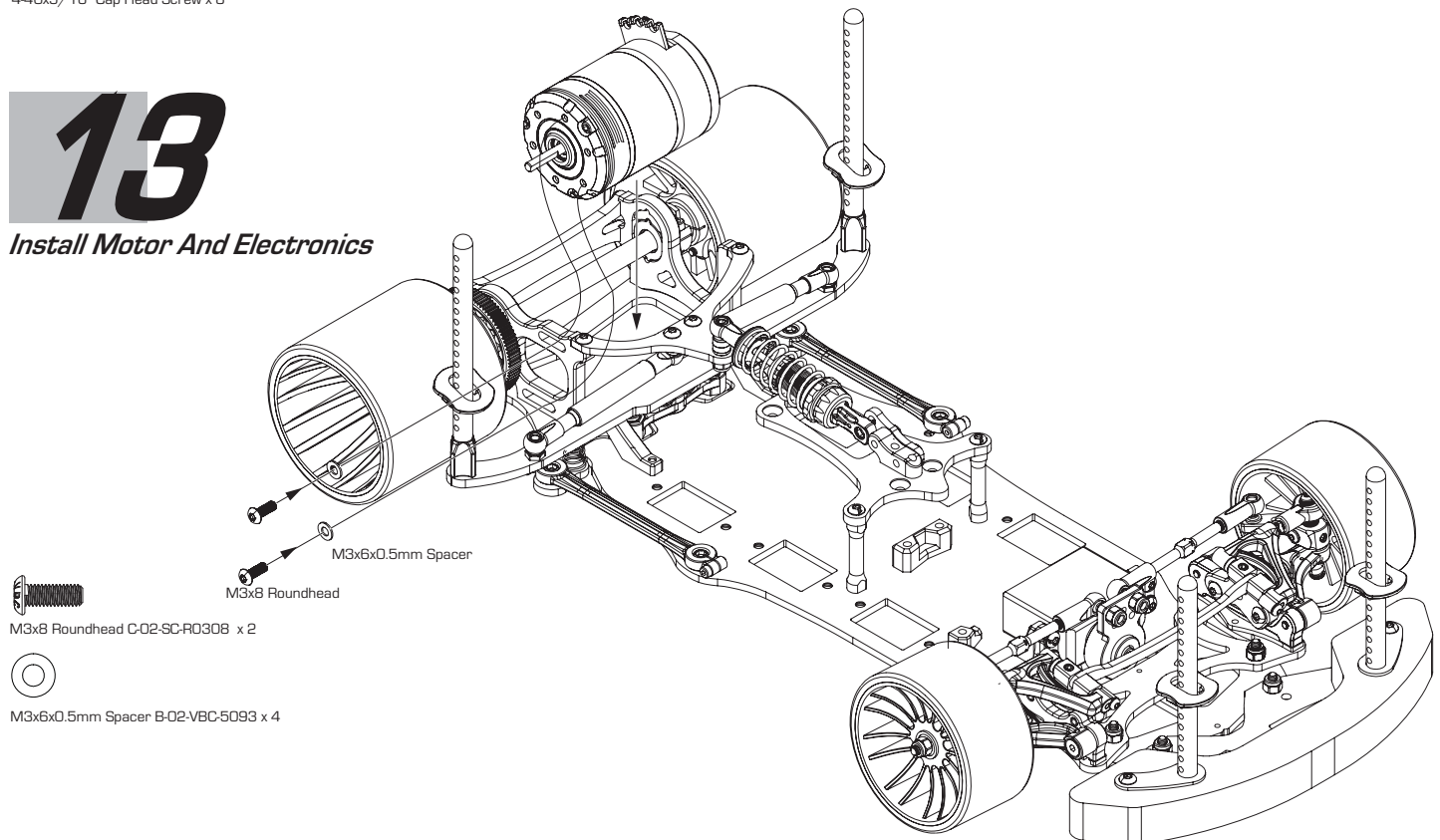


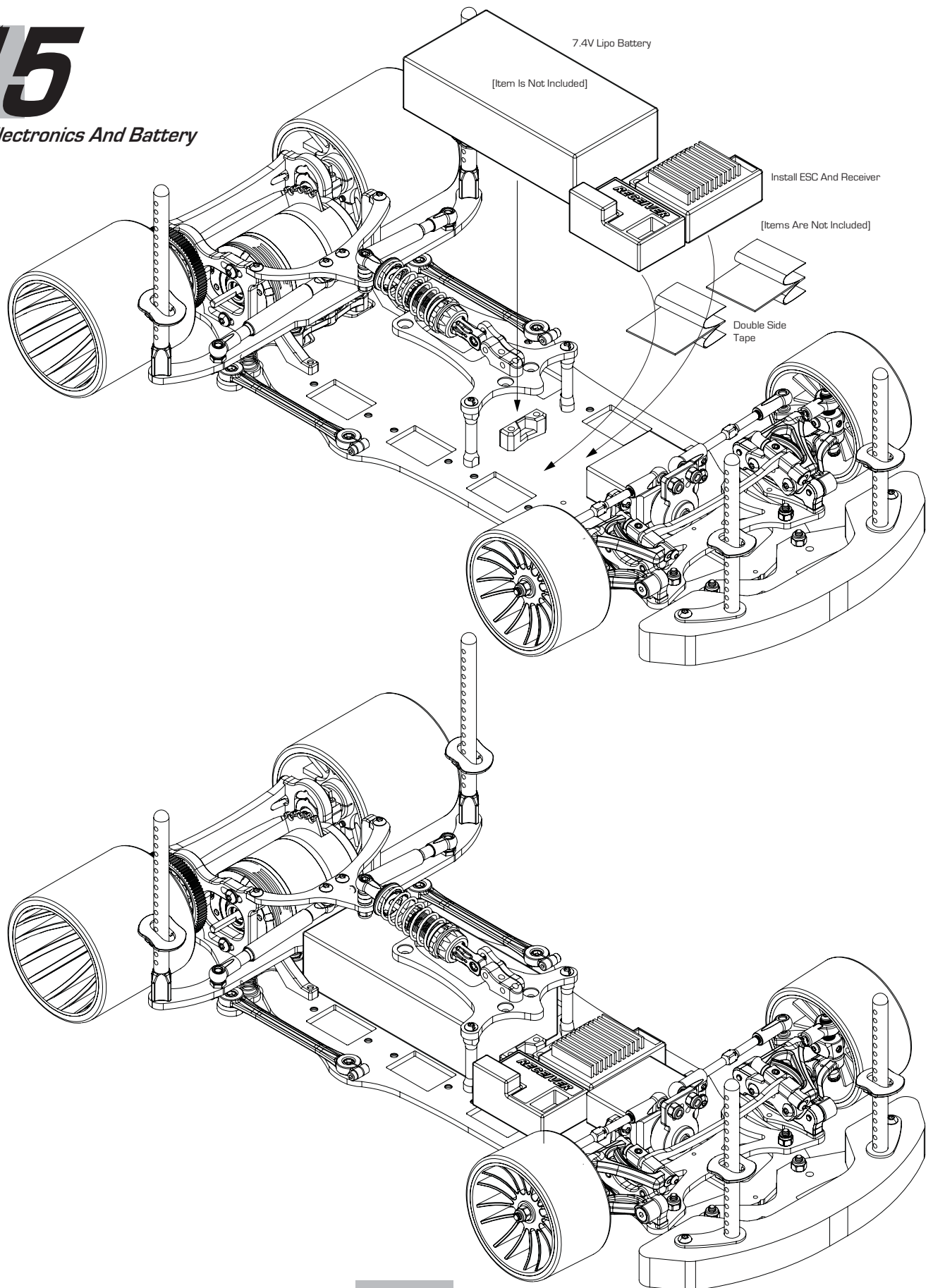
Front Body Post A-03-VBC-0013 x 2



M3x8 Roundhead C-02-SC-R0308 x 2

**14**

12**Install Wheels And Motor****13****Install Motor And Electronics**

15**Install Electronics And Battery**

LIGHTNING-10 PARTS LIST

Order Number	Package Descriptions	Parts Number	Parts Descriptions	Quantity in a pkg
D-05-VBC-50245	Lightning10 Decals	X-05-P50245	Lightning10 Decals	2
A-01-P50205	Lightning10 2.5mm Graphite Main Chassis	A-01-P50205	Lightning10 2.5mm Graphite Main Chassis	1
A-01-VBC-5003	Lightning Alum Shock Mount Brace	A-01-VBC-5003	Lightning Alum Shock Mount Brace	1
A-01-G50227	Lightning10 Front Suspension Plate	A-01-G50227	Lightning10 Front Suspension Plate	1
D-05-VBC-0157	Lightning10 Graphite Front Bumper Set	A-01-P50207 A-01-P50240	Lightning10 Graphite Front Bumper Lightning10 Graphite Front Bumper Top Plate	1 2
A-01-P50208	Lightning10 Graphite Front Shock Mount Plate	A-01-P50208	Lightning10 Graphite Front Shock Mount Plate	1
B-02-VBC-5005	Lightning 17mm Aluminum Standoff	B-02-VBC-5005	17mm Aluminum Standoff	4
B-02-G50228	Lightning Rear Tweak Plate Standoff	B-02-G50228	Lightning Rear Tweak Plate Standoff	2
A-01-VBC-5004	Lightning Shock Mount Plate	A-01-VBC-5004	Shock Mount Plate	1
D-05-VBC-0101	Pivot Brace for Lightning/Assoc.R5 series	A-03-VBC-5007 A-03-VBC-5008	Pivot Brace (bottom) Pivot Brace (cover)	1 1
A-03-VBC-5009	Pod Link Set for Lightning/Assoc.R5 series	A-03-VBC-5009	Pod Link	2
A-03-VBC-1027	Pivot Balls for Lightning/Assoc.R5 series	A-03-VBC-1027	5mm Pivot Ball	5
D-05-VBC-0012	Body Posts Pack	A-03-VBC-0013 A-03-VBC-0015 B-02-VBC-0076 B-02-VBC-0020-12	Front Body Post Rear Body Post Body Height Adjuster Support Body Clip M2x12 Shaft Pin	2 2 4 8 4
B-02-VBC-0076	Body Clips	B-02-VBC-0076	Body Clips	20
B-02-VBC-5012	Alum Servo Mount for Lightning/Assoc.R5 series	B-02-VBC-5012	Aluminum Servo Mount	2
B-02-VBC-5013	Servo Spacer for Lightning/Assoc.R5 series	B-02-VBC-5013	Servo Spacer	2
B-02-P50234	50mm Turnbuckle for Lightning Series	B-02-P50234	50mm Turnbuckle for Lightning Series	2
B-02-VBC-5015	Ball Connector 4.7x12mm (5pcs)	B-02-VBC-5015	Ball Connector 4.7x12mm (5pcs)	5
A-03-VBC-5016	Turnbuckle Cup (Long)	A-03-VBC-5016	Turnbuckle Cup (Long)	8
B-03-VBC-5017	Servo Saver Set for Lightning/Assoc.R5 series	B-03-VBC-5017	Servo Saver Set	1
D-05-VBC-0103	Damper Tube Set for Lightning/Assoc.R5 series	B-02-VBC-5018 B-02-VBC-5019	Damper Tube Shaft Damper tube	1 1
B-02-VBC-5020	4.7mm Ball Nuts	B-02-VBC-5020	4.7mm Ball Nuts	5
A-03-VBC-5021	Turnbuckle Cup (Short)	A-03-VBC-5021	Turnbuckle Cup (Short)	4
D-05-VBC-0104	TBX Center Shock Set for Lightning/Assoc.R5 series			2
D-05-VBC-0104		B-02-VBC-5022	TBX Shock Cap	1
		B-02-VBC-5023	TBX Shock Body	1
		B-02-VBC-5024	TBX Spring Adjuster	1
		C-02-VBC-5025	TBX Shock Bottom Cap	1
		A-02-VBC-5027	Lightning TBX Shock Shaft	1
		A-02-VBC-5028	TBX Pelion (2 Holes)	1
		A-02-VBC-5029	TBX Pelion (3 Holes)	1
		A-02-VBC-5030	Shock O-ring Guard	1
		A-02-VBC-5031	Shock Bottom O-ring Guard	1
		A-02-VBC-5032	TBX Shock Trnu Cap	1
		B-02-VBC-5033	TBX Spring Retainer	1
		C-02-VBC-5034	Lightning TBX Spring (Medium)	1
		C-02-VBC-5035	M1.5x10 O-ring	1
		C-02-VBC-5036	M1.0x7.5 O-ring	1
		A-03-VBC-1027	5mm Pivot Ball	1
		B-02-VBC-5015	Ball Connector 4.7x12mm (5pcs)	1
		C-02-VBC-5038	M1.5 E-Clip	2
		B-02-VBC-5039	Lightning10 Front Bulkhead, Left	1
		B-02-VBC-5040	Lightning12 Alum Front Bulkhead, Right	1
		A-03-P-50257	V2 Front Lower Arm for Lightning Series	2

Order Number	Package Descriptions	Parts Number	Parts Descriptions	Quantity in a pkg
D-05-VBC-0105	TBX Shock Body Set for Lightning/Assoc.R5 series	B-02-VBC-5022 B-02-VBC-5023 B-02-VBC-5024 B-02-VBC-5025	TBX Shock Cap TBX Shock Body TBX Spring Adjuster TBX Shock Bottom Cap	1 1 1 1
C-02-VBC-5026	TBX Shock Shaft for Lightning/Assoc.R5 series	C-02-VBC-5026	Lightning TBX Shock Shaft	1
D-05-VBC-0106	TBX Shocks Parts Set for Lightning/Assoc.R5 series	A-02-VBC-5027 A-02-VBC-5028 A-02-VBC-5029 A-02-VBC-5030	TBX Pelion (2 Holes) TBX Pelion (3 Holes) Shock O-ring Guard Shock Bottom O-ring Guard	2 2 2 2
D-05-VBC-0107	TBX Plastic Parts Set for Lightning/Assoc.R5 series	A-02-VBC-5031 A-02-VBC-5032 B-02-VBC-5033	TBX Shock Trnu Cap TBX Spring Retainer Shock Ball End	1 1 1
C-02-VBC-5034	TBX Spring (Medium) for Lightning/Assoc.R5 series	C-02-VBC-5034	Lightning TBX Spring (Medium)	2
C-02-VBC-5035	M1.5x10 O-ring	C-02-VBC-5035	M1.5x10 O-ring	10
C-02-VBC-5036	M1.0x7.5 O-ring	C-02-VBC-5036	M1.0x7.5 O-ring	10
C-02-VBC-5037	M2x6 O-ring	C-02-VBC-5037	M2x6 O-ring	10
C-02-VBC-5038	M1.5 E-Clip	C-02-VBC-5038	M1.5 E-Clip	10
C-02-VBC-5042	Front Springs (Medium) for Lightning/Assoc.R5 series	C-02-VBC-5042	Front Springs (Medium) for Lightning 17/2	2
C-02-VBC-5044	Kingpin for Lightning/Assoc.R5 series	C-02-VBC-5044	Lightning12 Kingpin	2
A-01-VBC-5045	Lightning12 Height Adjust Spacer, 1.5mm	A-01-VBC-5045	Lightning12 Height Adjust Spacer, 1.5mm	2
A-01-VBC-5048	Lightning12 Front Upper Arm Spacer, 1.5mm	A-01-VBC-5048	Lightning12 Front Upper Arm Spacer, 1.5mm	2
A-03-P-50258	V2 Front Upper Arm for Lightning Series	A-03-P-50257	V2 Front Upper Arm for Lightning Series	2
A-02-VBC-5062	Front Upper Arm Eyelet for Lightning/Assoc.R5 series	A-02-VBC-5062	Lightning12 Front Upper Arm Eyelet	2
A-02-VBC-5063	M3x15 Turnbuckle BK for Lightning/Assoc.R5 series	A-02-VBC-5063	M3x15 Turnbuckle, Black	2
C-02-VBC-5064	2mm Upper Pin for Lightning/Assoc.R5 series	C-02-VBC-5064	2mm Upper Hinge Pin	4
D-05-VBC-0110	Caster Spacer Set for Lightning/Assoc.R5 series	A-01-VBC-5065 A-01-VBC-5066	Lightning12 Caster Spacer, 0.8mm Lightning12 Caster Spacer, 1.2mm	2 2
B-02-VBC-5067	Aluminum Upper Arm Mount for Lightning/Assoc.R5	B-02-VBC-5067	Lightning12 Aluminum Upper Arm Mount	1
D-05-VBC-0156	Steering Knuckles for Lightning10	B-02-P50283 C-02-P50259	Lightning10 ALU07's Steering Knuckle M2.5x0.5 Shim	2 2
B-02-VBC-5060	Lightning Front Axles	B-02-VBC-5060	Lightning Front Axle	2
A-01-G50229	Lightning10 Front Hinge Brace	A-01-G50229	Lightning10 Front Hinge Brace	1
B-02-VBC-5065	Alum Front Bulkhead L for Lightning/Assoc.R5 series	B-02-VBC-5065	Lightning12 Alum Front Bulkhead, Left	1
B-02-VBC-5066	Alum Front Bulkhead R for Lightning/Assoc.R5 series	B-02-VBC-5066	Lightning12 Alum Front Bulkhead, Right	1
A-03-P-50257	V2 Front Lower Arm for Lightning Series	A-03-P-50257	V2 Front Lower Arm for Lightning Series	2
B-02-VBC-5068	Pivot Ball for Lightning/Assoc.R5 series	B-02-VBC-5068	Pivot Ball	4
C-02-VBC-5069	King Pin Shim, M3.3x0.4 for Lightning/Assoc.R5 series	C-02-VBC-5069	Lightning12 King Pin Shim, M3.3x0.4 (20pcs)	20
A-01-P50210	Lightning10 Rear Tweak Plate	A-01-P50210	Lightning10 Rear Tweak Plate	1

LIGHTNING10 PARTS LIST

Order Number	Package Descriptions	Part Number	Part Descriptions	Quantity in a pkg
A-03-VBC-1047	Side Spring Set for Lightning/Assoc R5 series	A-03-VBC-1047	Side Spring (Soft)	2
		A-03-VBC-1047	Side Spring (Medium)	2
		A-03-VBC-1047	Side Spring (Hard)	2
B-02-VBC-5073	14mm Aluminum Standoff	B-02-VBC-5073	14mm Aluminum Standoff	4
B-02-VBC-5074	Alum Side Spring Retainer for Lightning/Assoc R5 s	B-02-VBC-5074	Aluminum Side Spring Retainer	2
D-05-VBC-0158	Ball Differential Set for Lightning 10			
		C-02-BB-3814F	Bearing, 3/8 x 1/4, Flanged	2
		C-02-BB-3814	Bearing, 3/8 x 1/4	2
		A-02-VBC-5075	M4 Nylon Nuts	1
		C-02-VBC-5076	Bevelled Washer	3
		A-03-P-50232	64 Pitch 881 Spur Gear	1
		B-02-P-50214	Lightning10 Rear Diff Hub	1
		B-02-VBC-5081	Trust Cone	1
		C-02-DB-0801S	1/8" Diff Balls	16
		B-02-VBC-1001	D-Drive Ring	2
		B-02-VBC-5082	Diff Seal O-ring	2
A-02-VBC-5075	M4 Nylon Nuts for Lightning/Assoc R5 series	A-02-VBC-5075	M4 Nylon Nuts	2
C-02-VBC-5076	Bevelled Washer	C-02-VBC-5076	Bevelled Washer	6
A-03-P-50232	64 Pitch 881 Spur Gear	A-03-P-50232	64 Pitch 881 Spur Gear	1
B-02-P-50231	Lightning10 Carbon Rear Axle	B-02-P-50231	Lightning10 Carbon Rear Axle	1
B-02-P-50213	Lightning10 Left Rear Wheel Hub	B-02-P-50213	Lightning10 Left Rear Wheel Hub	1
B-02-P-50214	Lightning10 Rear Diff Hub	B-02-P-50214	Lightning10 Rear Diff Hub	1
B-02-VBC-5081	Trust Cone for Lightning/Assoc R5 series	B-02-VBC-5081	Trust Cone	1
C-02-DB-0801S	1/8" Diff Balls for Lightning/Assoc R5 series	C-02-DB-0801S	1/8" Diff Balls	8
B-02-VBC-1001	Diff D Ring	B-02-VBC-1001	Diff D Ring	2
B-02-VBC-5082	Diff Seal O-ring	B-02-VBC-5082	Diff Seal O-ring	10
A-01-VBC-5083	Lightning Graphite Lower Pod Plate	A-01-VBC-5083	Lightning Graphite Lower Pod Plate	1
A-01-P-50209	Lightning10 Graphite Rear Shock Mount Plate	A-01-P-50209	Lightning10 Graphite Rear Shock Mount Plate	1
C-02-BB-1856F	Bearing 1/8 x 5/16, Flanged for Lightning/Assoc R5	C-02-BB-1856F	Bearing 1/8 x 5/16, Flanged	2
C-02-BB-3814	Bearing, 3/8 x 1/4 for Lightning/Assoc R5 series	C-02-BB-3814	Bearing, 3/8 x 1/4	2
C-02-BB-3814F	Bearing, 3/8 x 1/4, Flanged for Lightning/Assoc R5 s	C-02-BB-3814F	Bearing, 3/8 x 1/4, Flanged	2
D-05-VBC-0114	Lightning Axle Height Adjuster	A-02-VBC-5095	Axle Height Adjuster #1	2
		A-02-VBC-5096	Axle Height Adjuster #2	2
		A-02-VBC-5087	Axle Height Adjuster #3	2
		A-02-VBC-5088	Axle Height Adjuster #4	2
A-01-VBC-5131	Axle Height Adjuster Spacer	A-01-VBC-5131	Axle Height Adjuster Spacer	2
B-02-VBC-5128	LightningF A17075 Motor Mount	B-02-VBC-5128	LightningF A17075 Motor Mount	1
B-02-VBC-5129	LightningF A17075 Left Bulkhead	B-02-VBC-5129	LightningF A17075 Left Bulkhead	1
A-01-P-50206	Lightning10 Graphite Rear Pod Strut	A-01-P-50206	Lightning10 Graphite Rear Pod Strut	1
A-02-VBC-5092	Ball Connector 4.7x17mm	A-02-VBC-5092	Ball Connector 4.7x17mm	5
B-02-VBC-0019-20	3x5.5x2 Alum Spacer	B-02-VBC-0019-20	3x5.5x2 Alum Spacer	10
B-02-VBC-0019-10	3x5.5x1 Alum Spacer	B-02-VBC-0019-10	3x5.5x1 Alum Spacer	10

Order Number	Package Descriptions	Part Number	Part Descriptions	Quantity in a pkg
C-02-SC-C0440	14-0x51/16" Cap Head Screw	C-02-SC-C0440	14-0x51/16" Cap Head Screw	20
C-02-SC-R2504	M2.5x4mm Roundhead Screw	C-02-SC-R2504	M2.5x4mm Roundhead Screw	20
C-02-SC-R2508	M2.5x8mm Cap Head Screw	C-02-SC-R2508	M2.5x8mm Cap Head Screw	20
C-02-SC-R2.0x6	M2.0x8mm Cap Head Screw	C-02-SC-R2.0x6	M2.0x8mm Cap Head Screw	20
C-02-SC-R2.0x8	M2.0x8mm Cap Head Screw	C-02-SC-R2.0x8	M2.0x8mm Cap Head Screw	20
C-02-SC-R0204	M2.4x4mm Roundhead Screw	C-02-SC-R0204	M2.4x4mm Roundhead Screw	20
C-02-SC-NN03	M3 Locknut	C-02-SC-NN03	M3 Locknut	20
B-02-VBC-5093	M3x6x0.5 Spacer	B-02-VBC-5093	M3x10mm Roundhead Screw	20
C-02-SC-F0310	M3x10mm Roundhead Screw	C-02-SC-F0310	M3x10mm Roundhead Screw	20
C-02-SC-F0312	M3x12mm Roundhead Screw	C-02-SC-F0312	M3x12mm Roundhead Screw	20
C-02-SC-F0306	M3x6mm Roundhead Screw	C-02-SC-F0306	M3x6mm Roundhead Screw	20
C-02-SC-F0308	M3x8mm Roundhead Screw	C-02-SC-F0308	M3x8mm Roundhead Screw	20
C-02-SC-F0306	M3x6mm Roundhead Screw	C-02-SC-F0306	M3x6mm Roundhead Screw	20
C-02-SC-S5-0508	M3x8mm Set Screw	C-02-SC-S5-0508	M3x8mm Set Screw	20

Option Items for Lightning 10				
C-02-VBC-5039	TBX Spring(Med-Hard) for Lightning/Assoc R5 series	C-02-VBC-5039	Lightning TBX Spring (Med, Soft)	2
C-02-VBC-5040	TBX Spring (Med-Hard) for Lightning/Assoc R5 series	C-02-VBC-5040	Lightning TBX Spring (Med, Hard)	2
C-02-VBC-5041	Front Springs (Soft) for Lightning/Assoc R5 series	C-02-VBC-5041	Front Springs (Soft) for Lightning 1/12	2
C-02-VBC-5043	Front Springs (Hard) for Lightning/Assoc R5 series	C-02-VBC-5043	Front Springs (Hard) for Lightning 1/12	2
D-05-VBC-0108	Lightning12 Height Adjust Spacer Set (0.5, 1.0mm)	A-01-VBC-5046	Lightning12 Height Adjust Spacer, 0.5mm	2
		A-01-VBC-5047	Lightning12 Height Adjust Spacer, 1.0mm	2
D-05-VBC-0109	Lightning12 Front Upper Arm Spacer Set (0.5, 1.0mm)	A-01-VBC-5049	Lightning12 Front Upper Arm Spacer, 0.5mm	2
		A-01-VBC-5050	Lightning12 Front Upper Arm Spacer, 1.0mm	2
A-03-VBC-1047	Side Spring Set for Lightning/Assoc R5 series	A-03-VBC-1047	Side Spring (Soft)	2
		A-03-VBC-1047	Side Spring (Medium)	2
		A-03-VBC-1047	Side Spring (Hard)	2
C-02-G-50254	TIN Coated 2mm Upper Pin for Lightning Series	C-02-G-50254	TIN Coated 2mm Upper Pin for Lightning Series 12	2
C-02-G-50255	TIN Coated Krimp for Lightning Series	C-02-G-50255	TIN Coated Krimp for Lightning Series	2
C-02-G-50256	TIN Coated TBX Shock Shaft	C-02-G-50256	TIN Coated TBX Shock Shaft	2
C-02-G60222	Low CG Brass Weight 23.5gm	C-02-G60222	Low CG Brass Weight 23.5gm	2
C-02-P90211	Lightning Inline Front Axle	C-02-P90211	Lightning Inline Front Axle	2



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