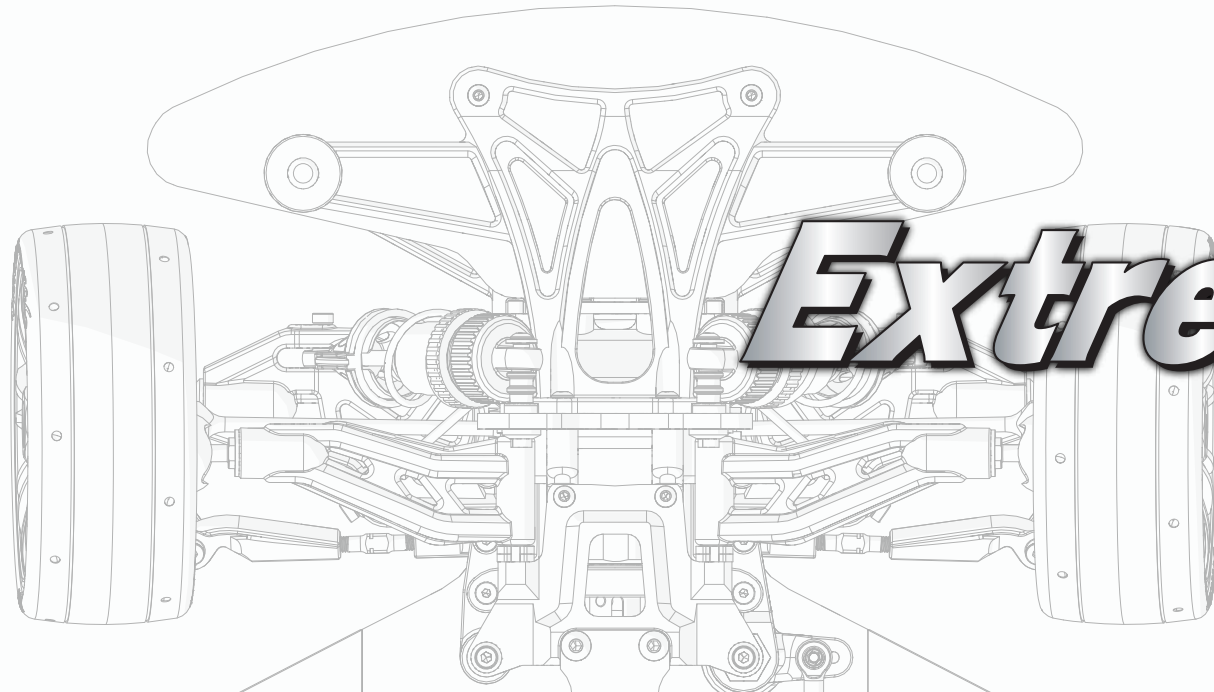




Extreme VTE 2

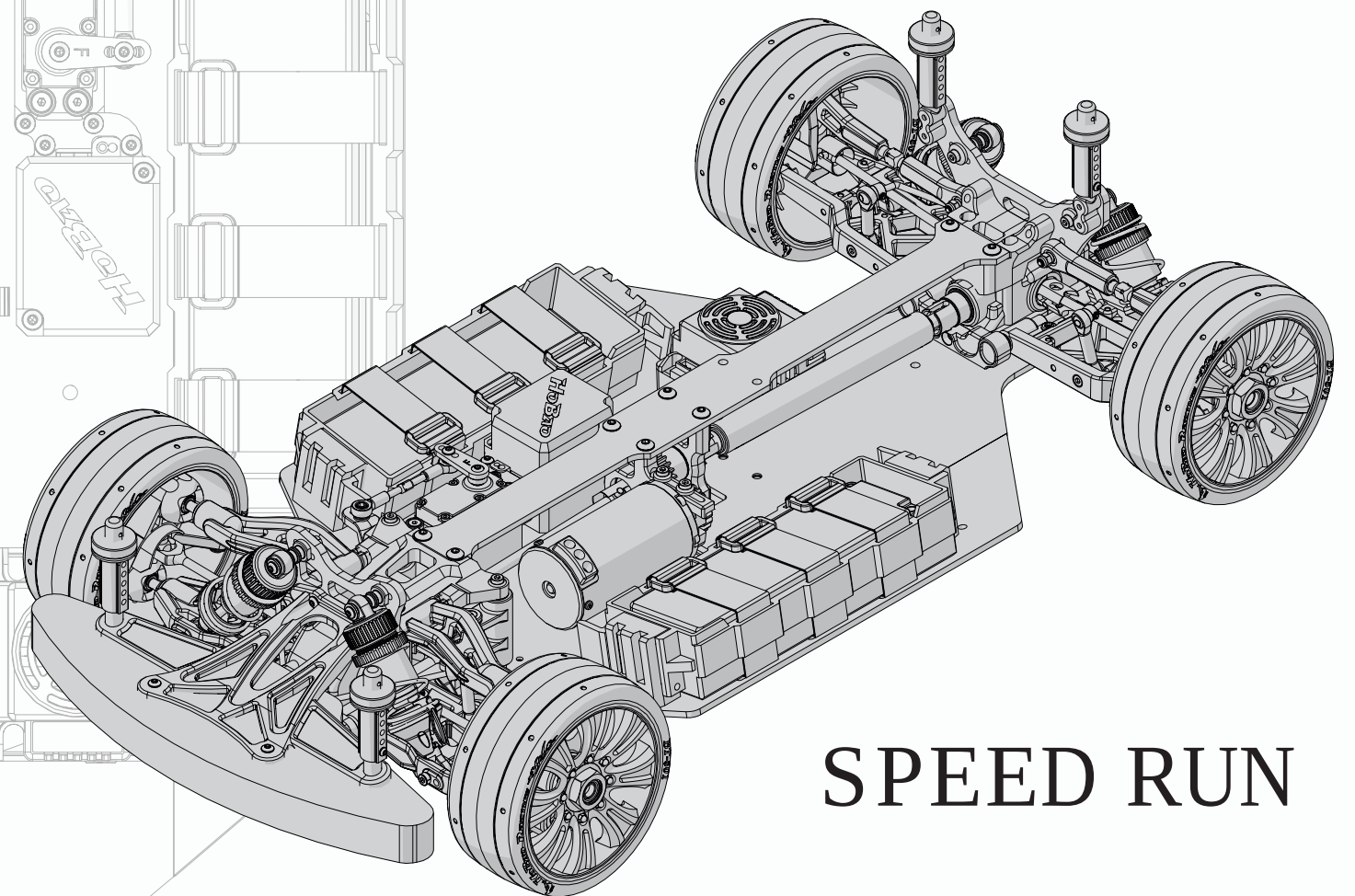
1/7th SCALE

HoBao

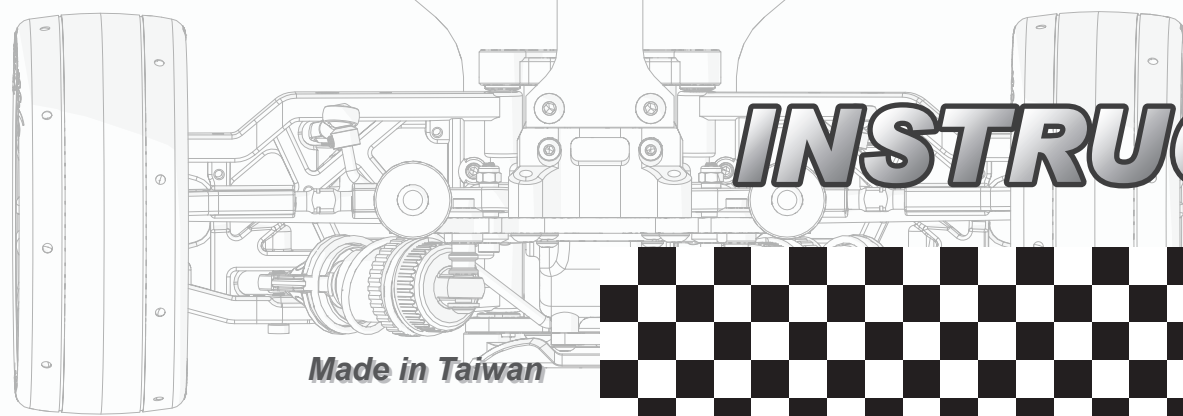
HoBao Racing Inc.
No. 34, Lane 112, Szu Yuan Road, Hsin Chuang District,
New Taipei City, Taiwan 24250
Phone: +886-2-2996-2229
Email: hobao@hobao.com.tw

HoBao Racing USA
7607 Grissom Road, Suite
#107, San Antonio, TX 78251, US
Tel: +1-888-687-6780
Email: info@hobao-usa.com

HoBao Racing Direct eShop: <http://eshop.hobao-racing.com>

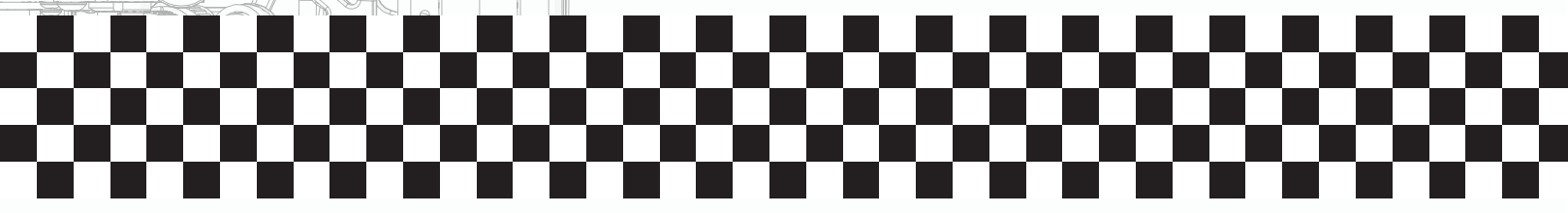


SPEED RUN



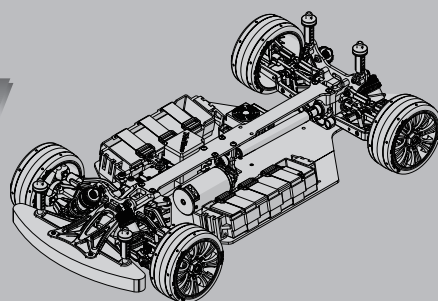
INSTRUCTION MANUAL

Made in Taiwan



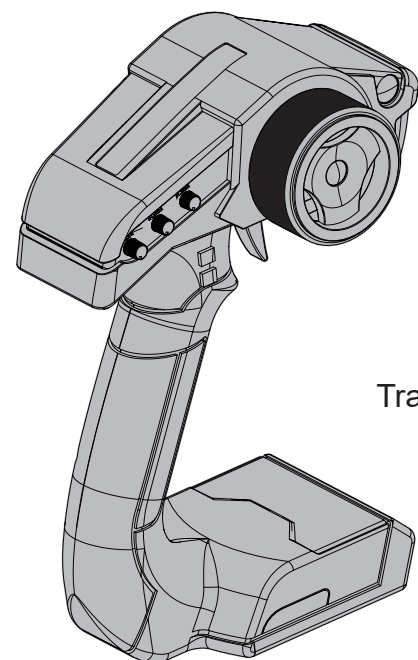
Extreme VTE 2

1/17 SCALE Drag Race Car

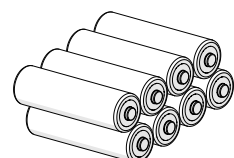


REQUIRED

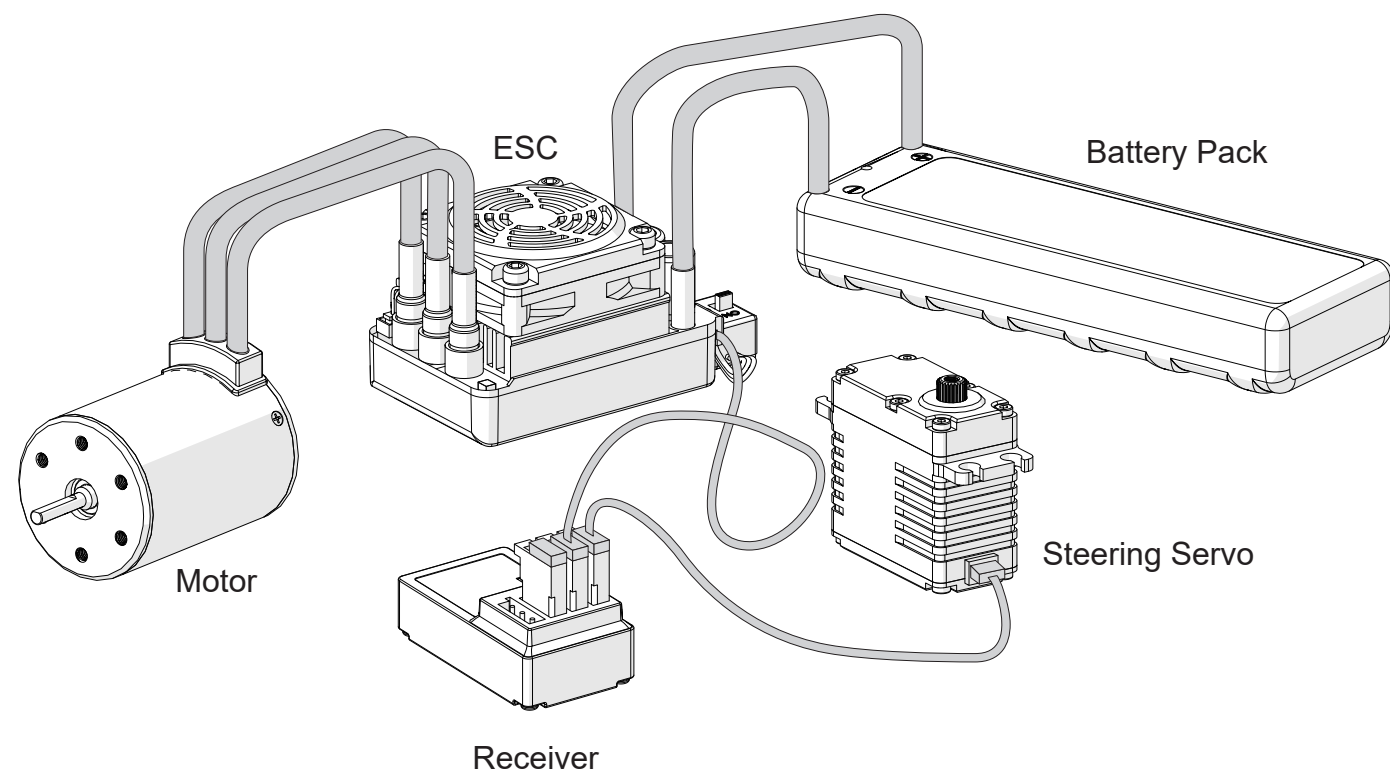
Radio Control Equipment Set



Transmitter

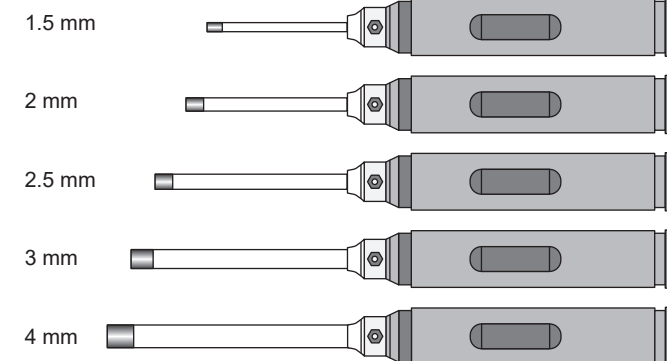


8 AA Size Batteries
For Transmitter

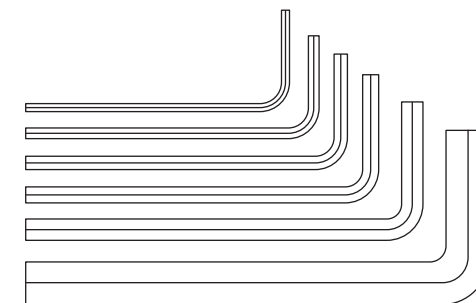


Tools Recommended

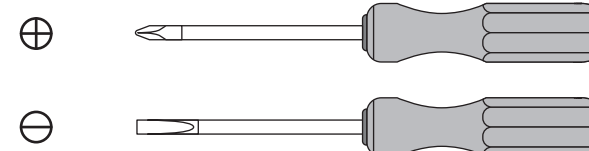
Hex Wrench



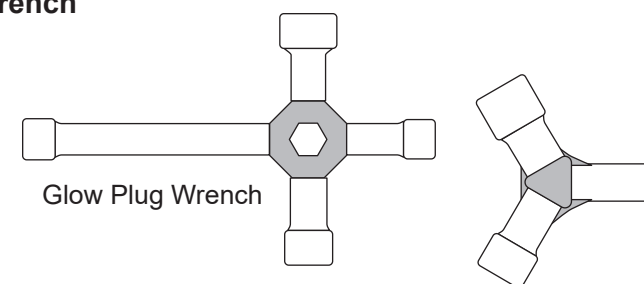
1.5 mm
2 mm
2.5 mm
3 mm
4 mm
8 mm



Screwdriver



Wrench



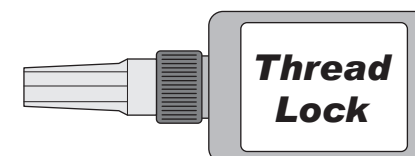
Instant Cement



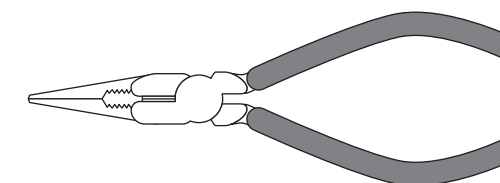
Rubber Cement



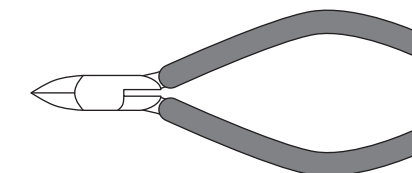
Thread Lock



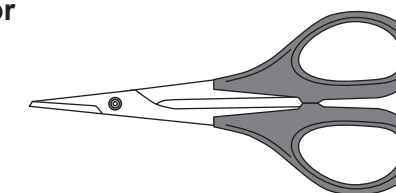
Long Nose Pliers



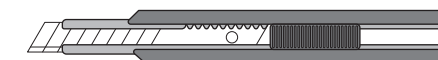
Side Cutter



Curved Scissor



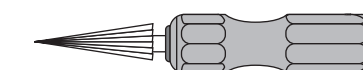
Modeling Knife



Tweezers



Reamer



Grease



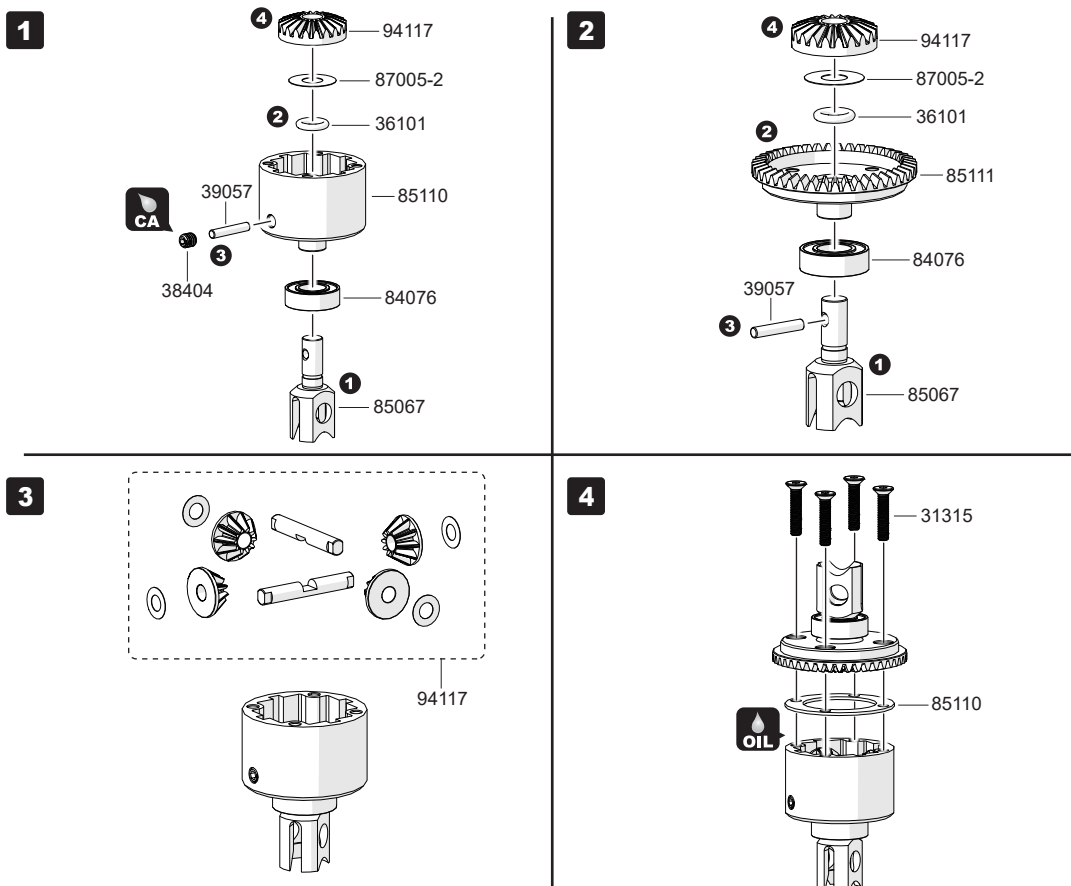
Silicone Oil



1

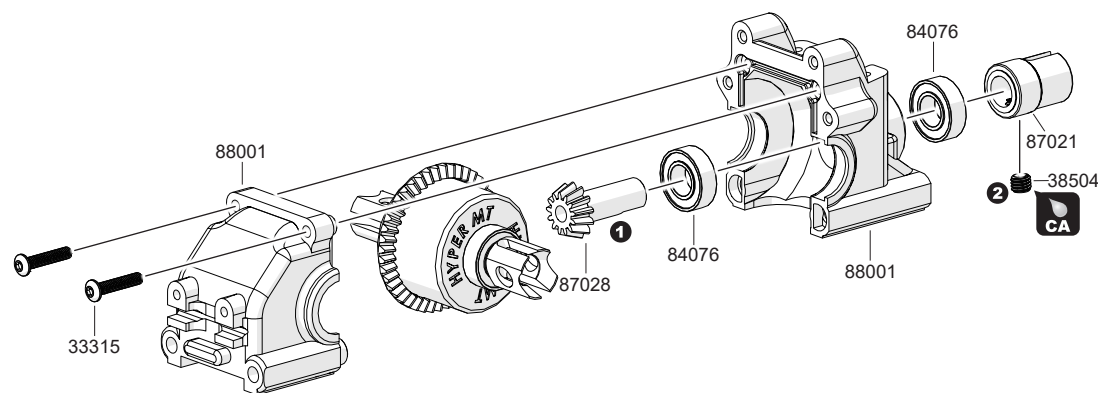
Front / Rear Differential Assembly

x2

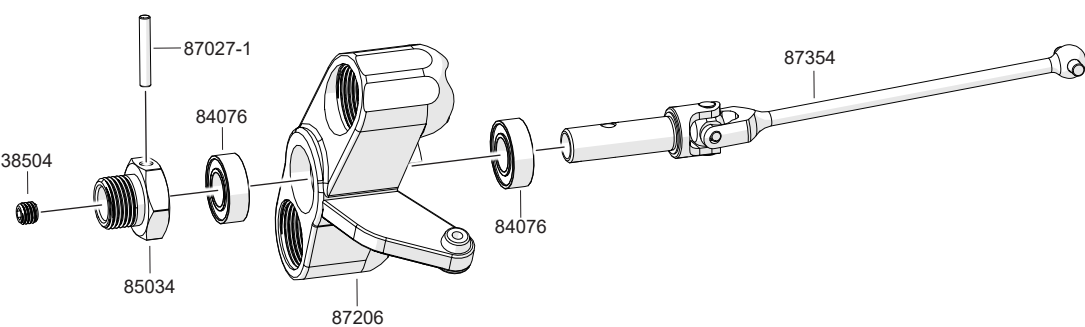


Front / Rear Gear Box Assembly

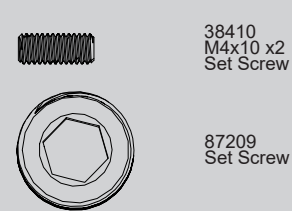
x2



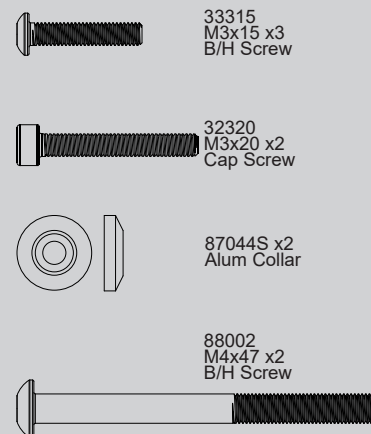
Front Pivot Ball Steering And CVA Shaft Assembly



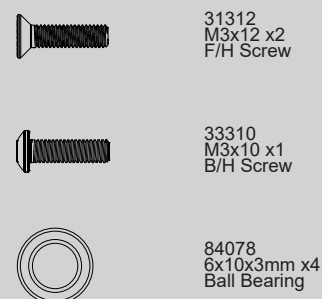
4



5



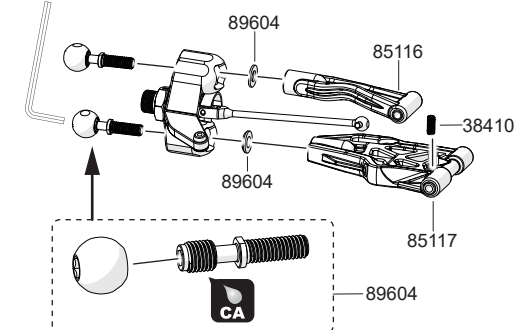
6



Front Pivot Ball Steering And Suspension Arm Assembly

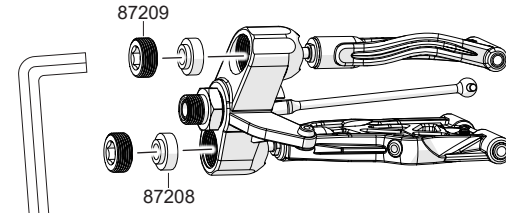
STEP 1

Hex Wrench 4mm

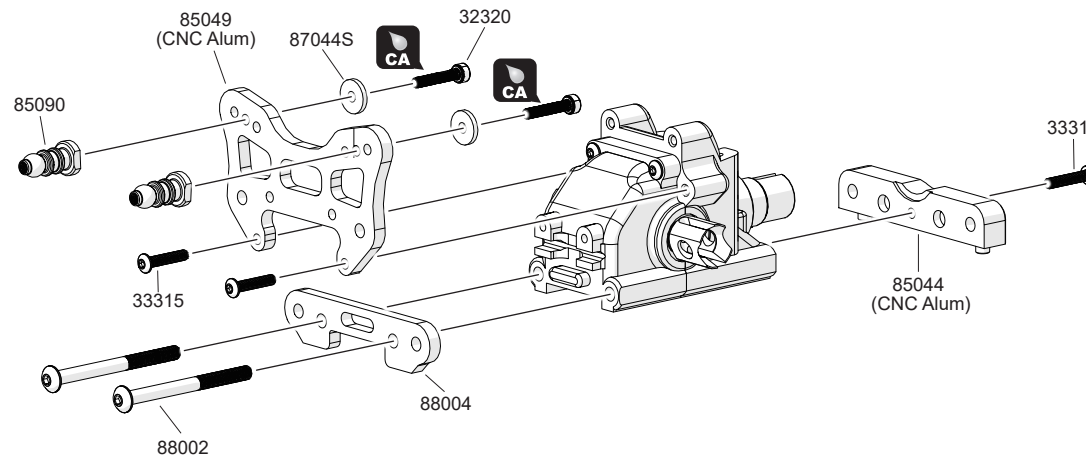


STEP 2

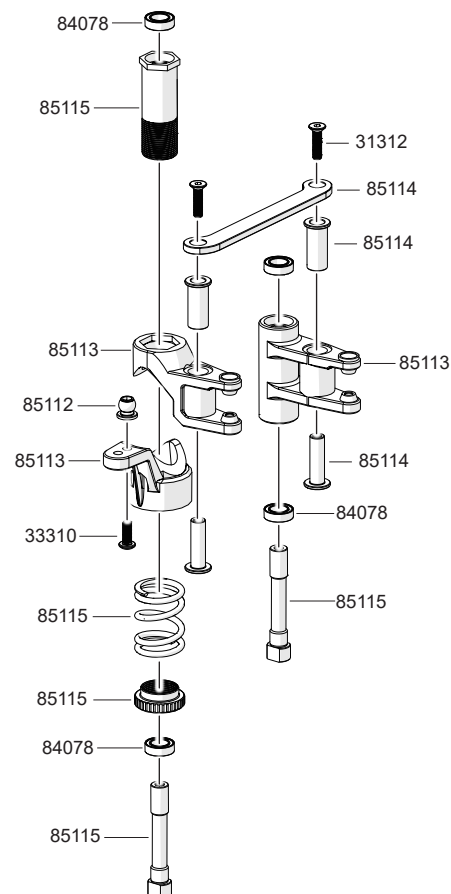
Hex Wrench 8mm



CNC Alum Front Shock Tower and Lower Arm Holder Assembly

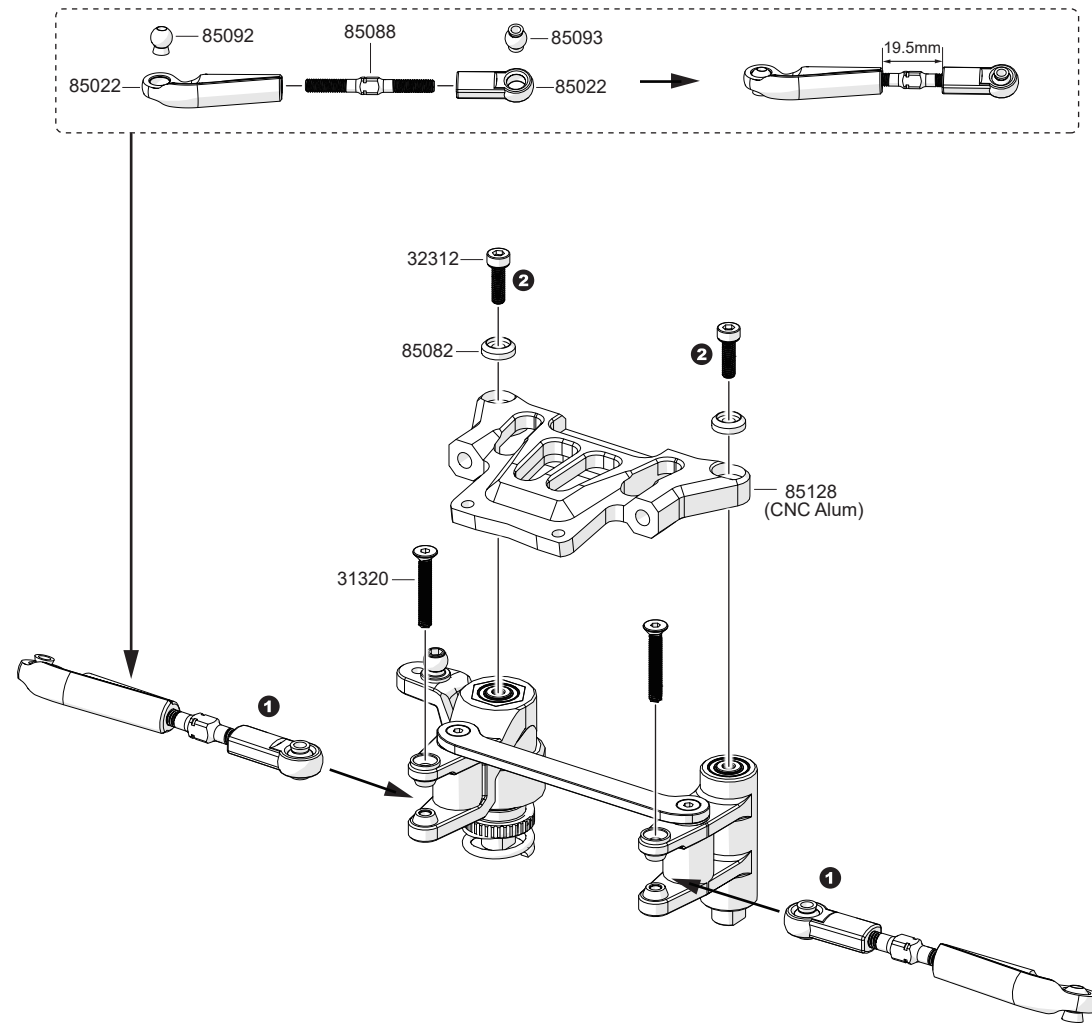
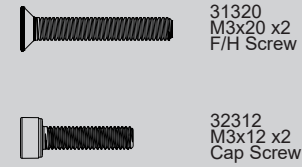


Servo Saver Assembly 1



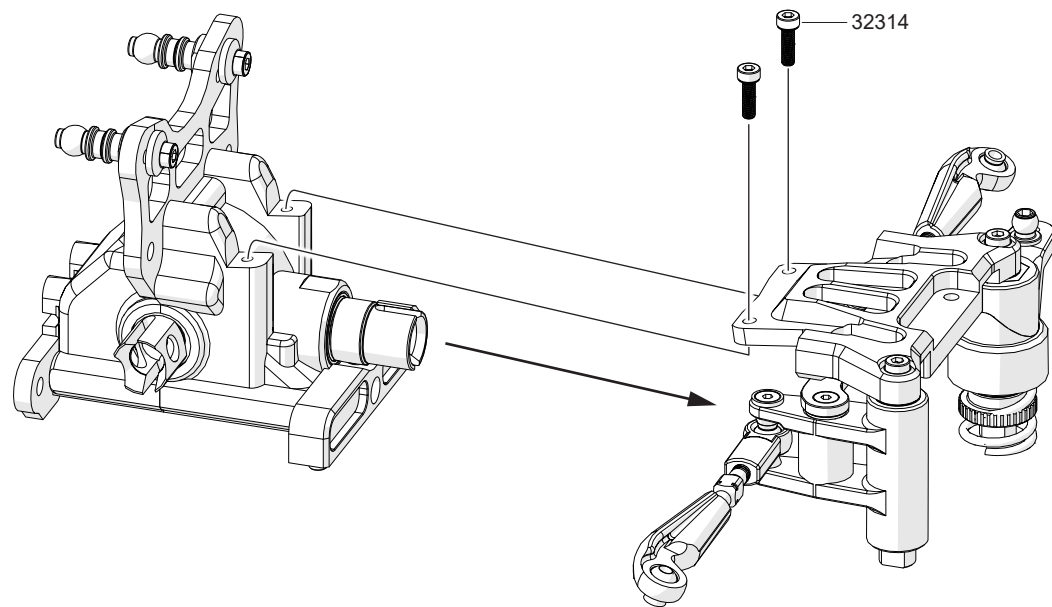
7

Servo Saver Assembly 2



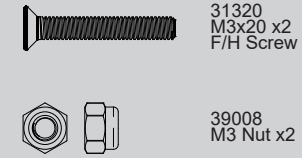
8

Servo Saver Assembly 3

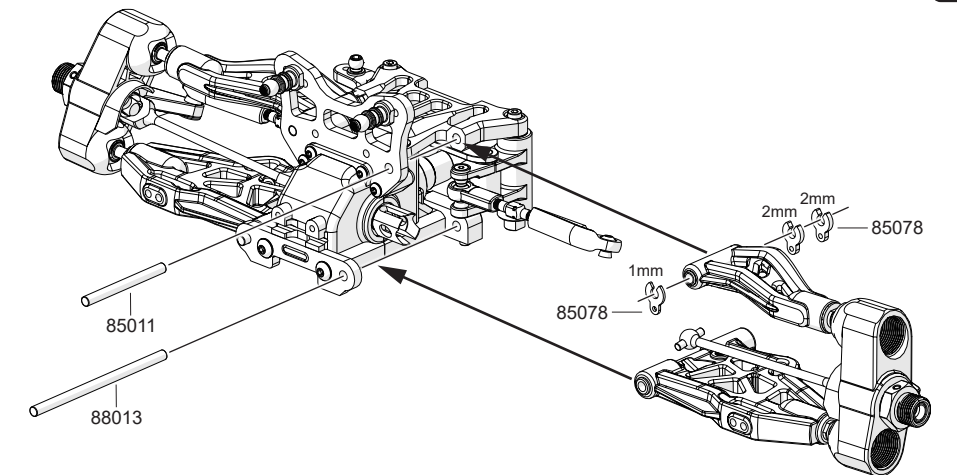


9

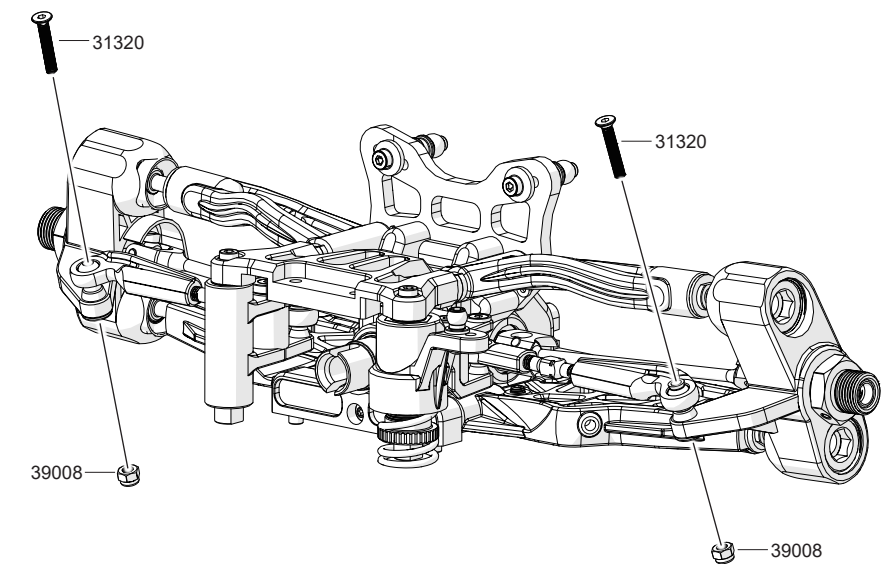
Front Suspension Arm Assembly



STEP 1

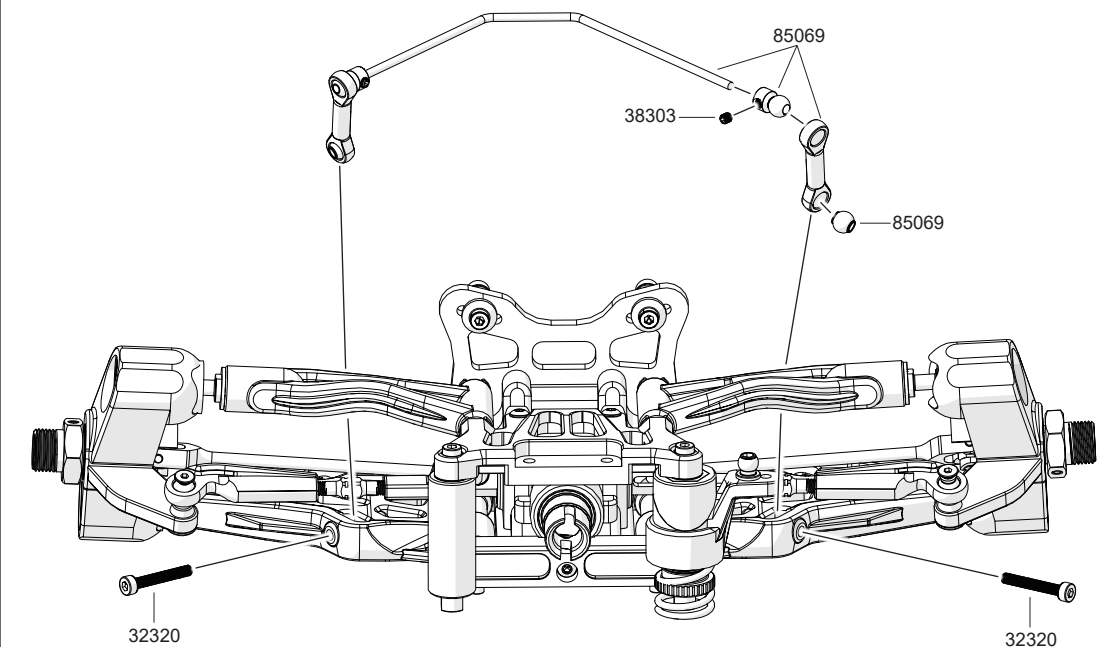
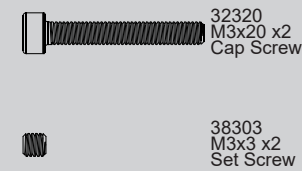


STEP 2



10

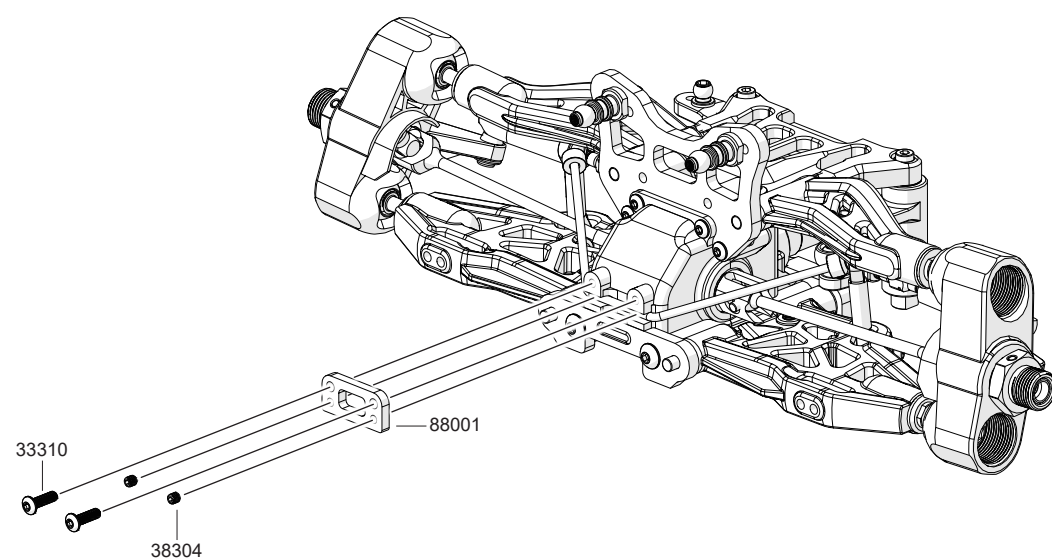
Front Sway Bar Assembly 1



11

Front Sway Bar Assembly 2

- 38304
M3x4 x2
Set Screw
- 33310
M3x10 x2
B/H Screw

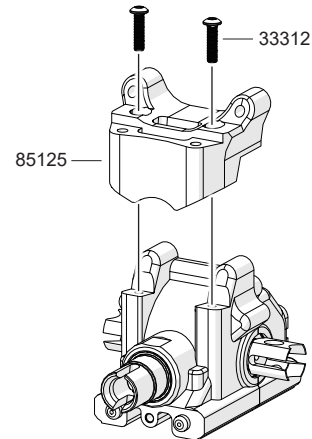


12

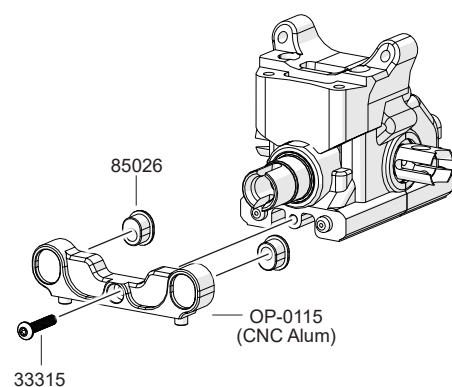
CNC Alum Front Shock Tower/Lower Arm Holder And Gear Box Assembly

- 33412
M4x12 x2
B/H Screw
- 33312
M3x12 x2
B/H Screw
- 33315
M3x15 x5
B/H Screw
- 32320
M3x20 x2
Cap Screw
- 87044S
Alum Collar x2
- 88002
M4x47 x2
B/H Screw

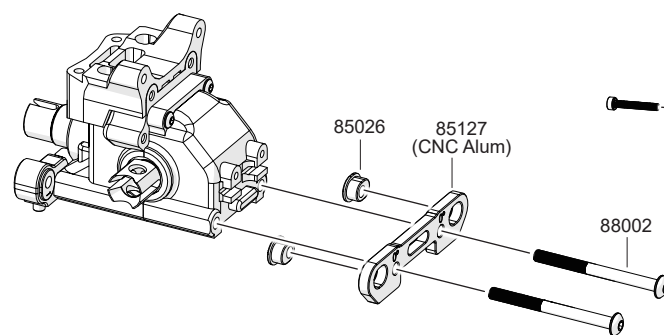
STEP 1



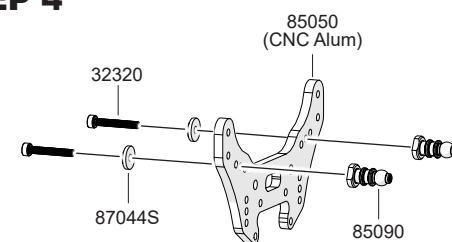
STEP 2



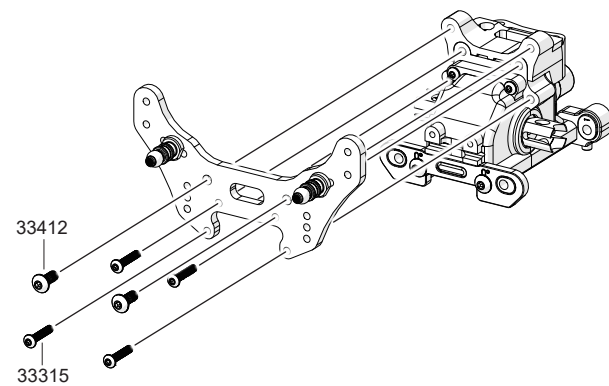
STEP 3



STEP 4



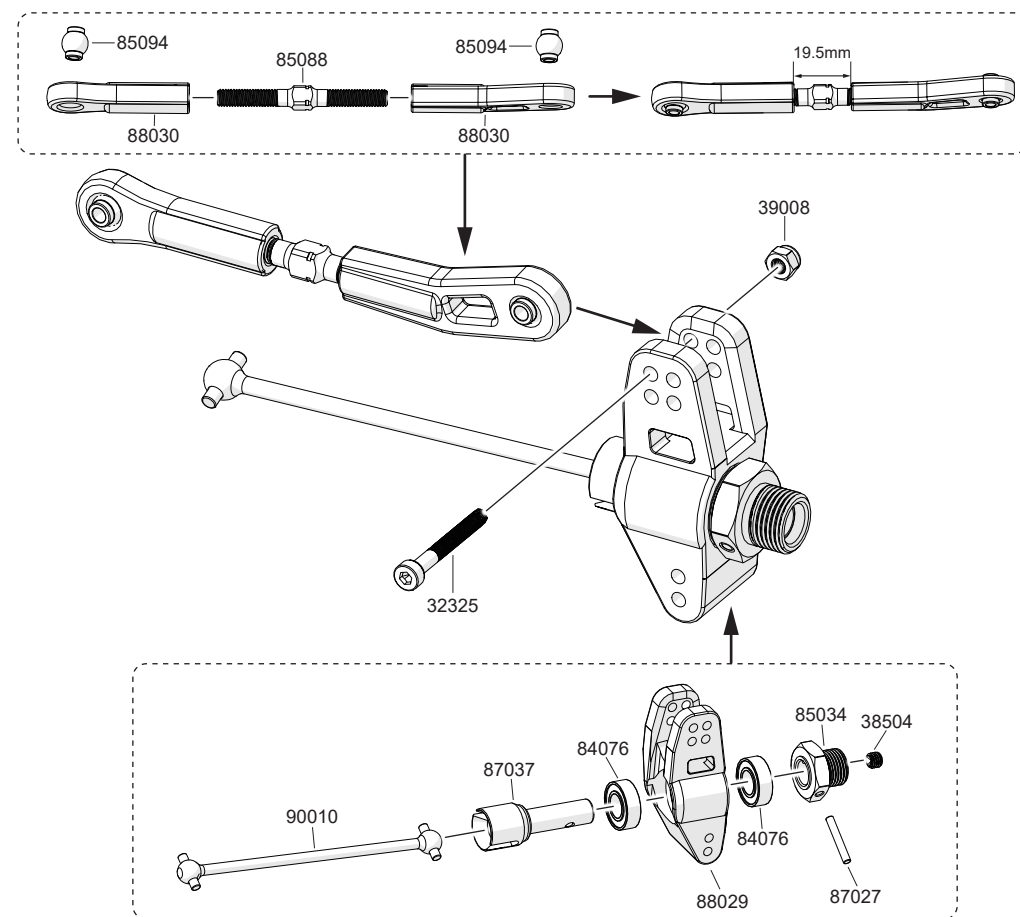
STEP 5



13

- 39008
M3 Nut x2
- 38504
M5x4 x2
Set Screw
- 84076
8x16x5mm x4
Ball Bearing
- 32325
M3x25 x2
Cap Screw

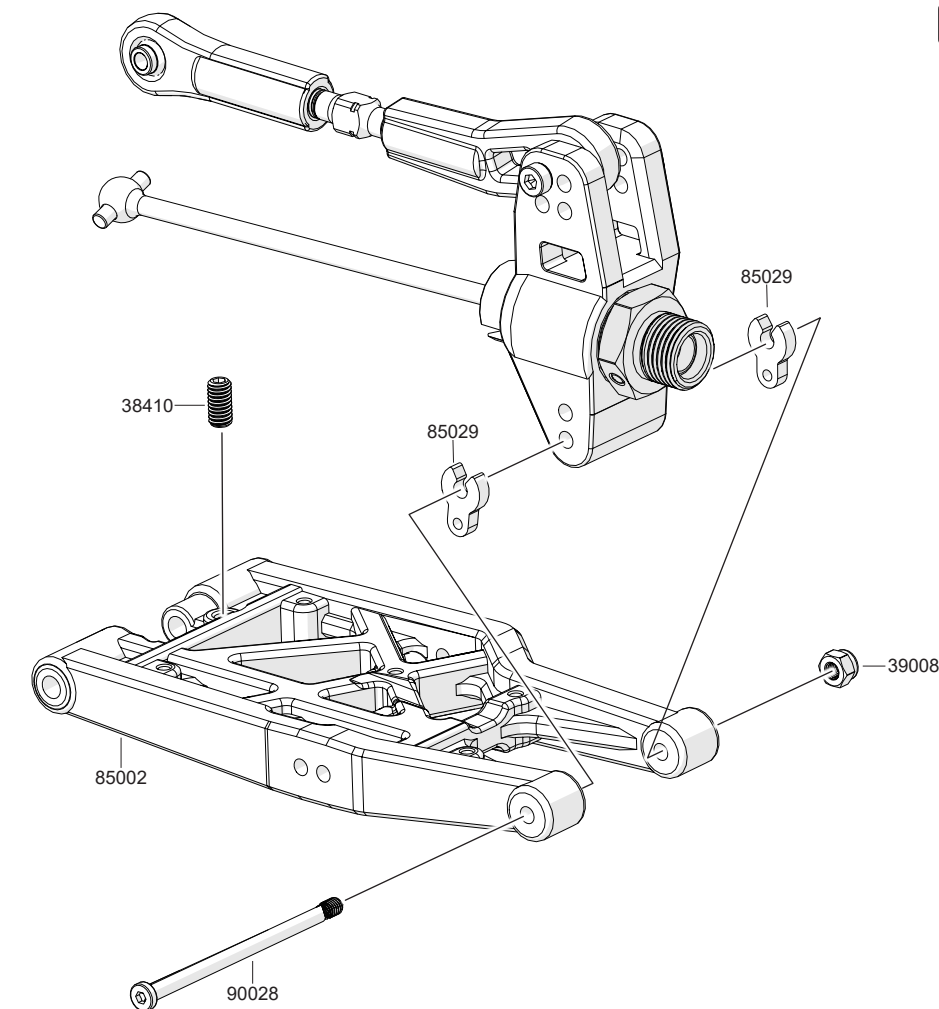
Rear Suspension Arm And Axle Assembly 1



14

- 38410
M4x10 x2
Set Screw
- 39008
M3 Nut x2
- 90028
M3x50 x2
Cap Screw

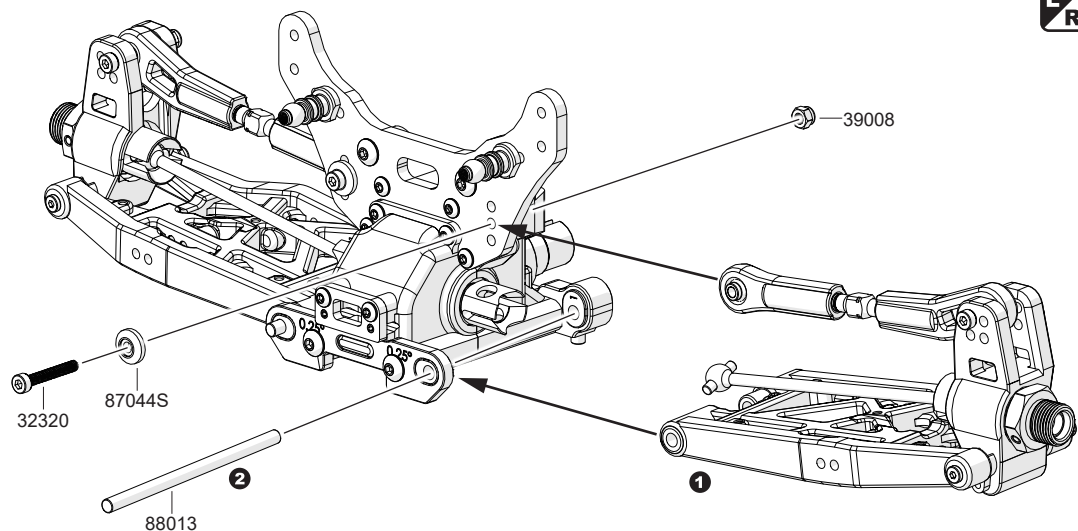
Rear Suspension Arm And Axle Assembly 2



15

Rear Suspension Arm Assembly

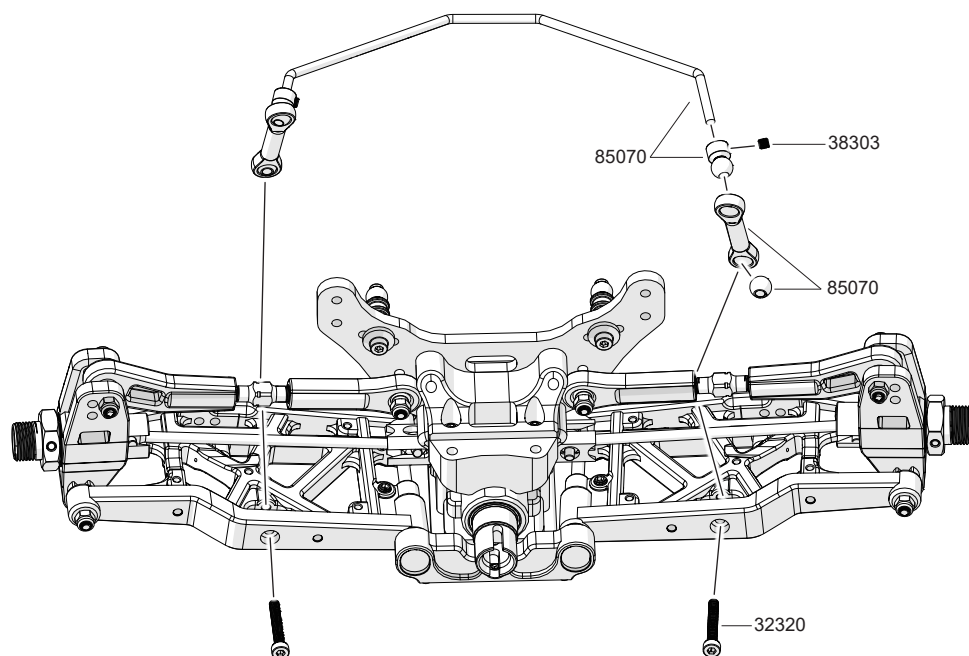
- 32320
M3x20 x2
Cap Screw
- 39008
M3 Nut x2
- 87044S
Alum Collar x2



16

Rear Sway Bar Assembly 1

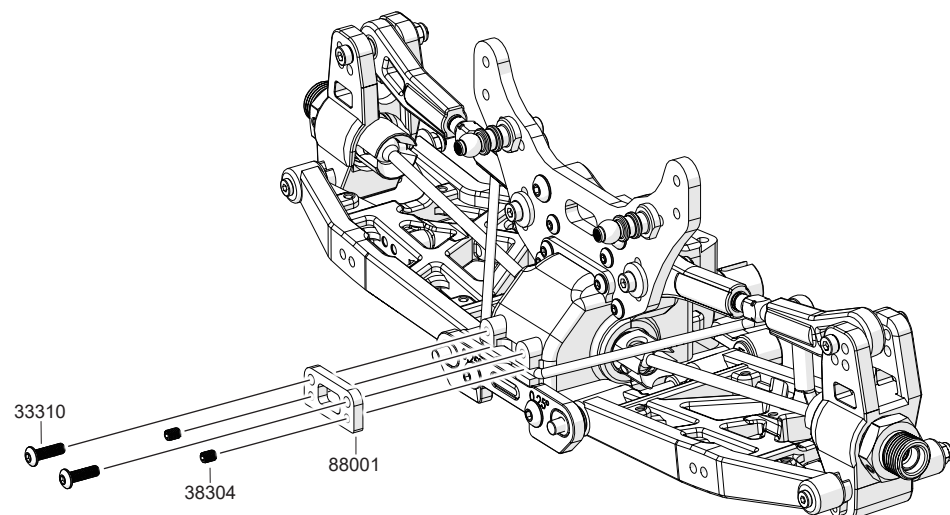
- 32320
M3x20 x2
Cap Screw
- 38303
M3x3 x2
Set Screw



17

Rear Sway Bar Assembly 2

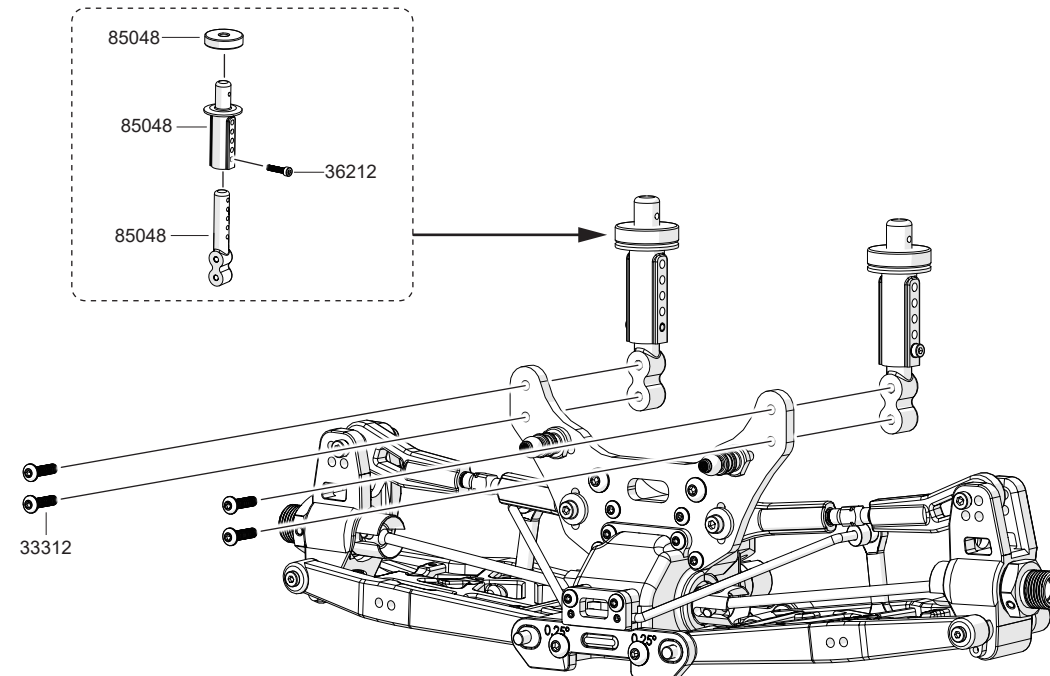
- 33310
M3x10 x2
B/H Screw
- 38304
M3x4 x2
Set Screw



18

Rear Body Mount Assembly

- 36212
M2.6x12 x2
Cap Screw
- 33312
M3x12 x4
B/H Screw



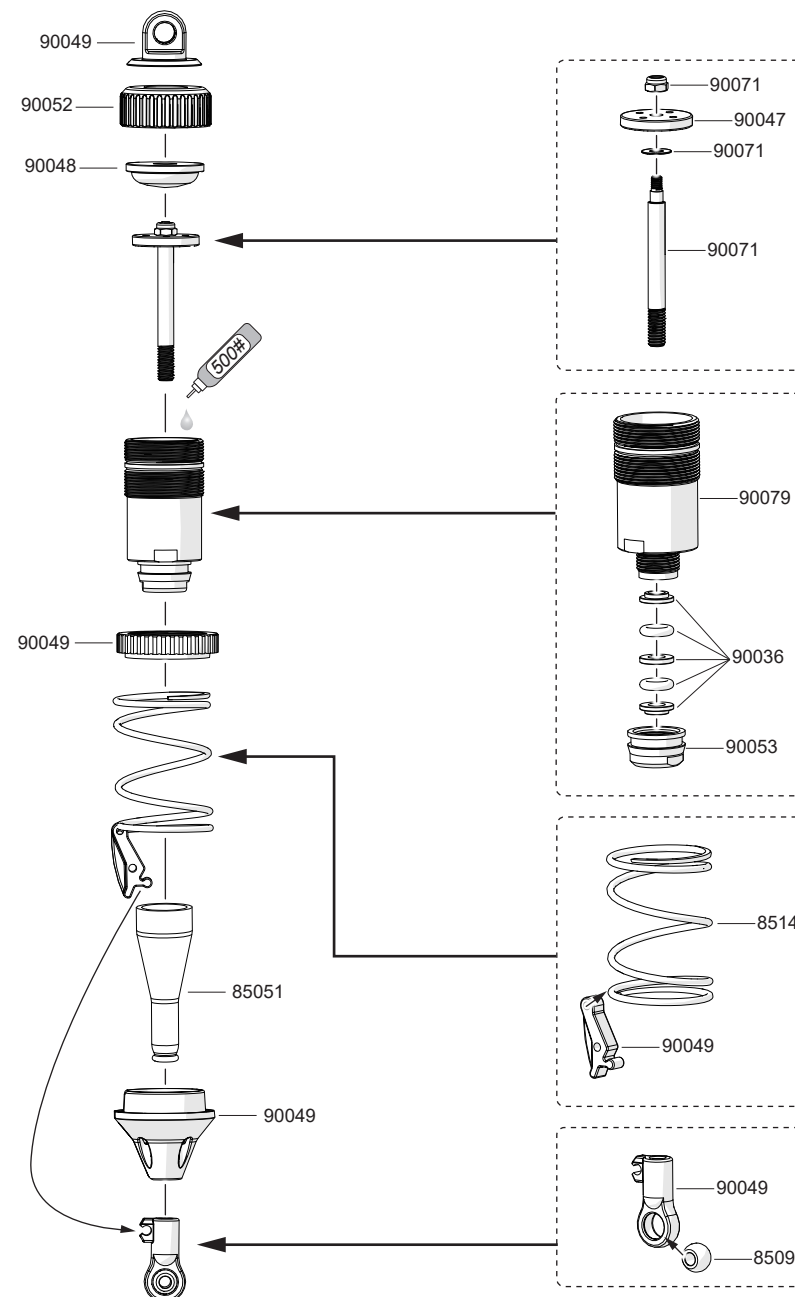
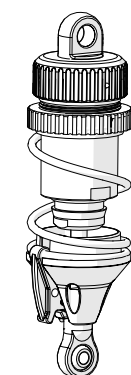
19

Front / Rear Shock Absorber Assembly

x4

- 90030
M2.6 Nut x4
- 90030
3.1x7x0.25mm x4
Washer
- 90036
O-Ring Shield
- 90036
4x8mm x8
O-Ring
- 90036
4.05x7.98x1.2mm x4
Washer
- 85091
6.8mm x4
Ball
- 90047
3x17x2.4mm

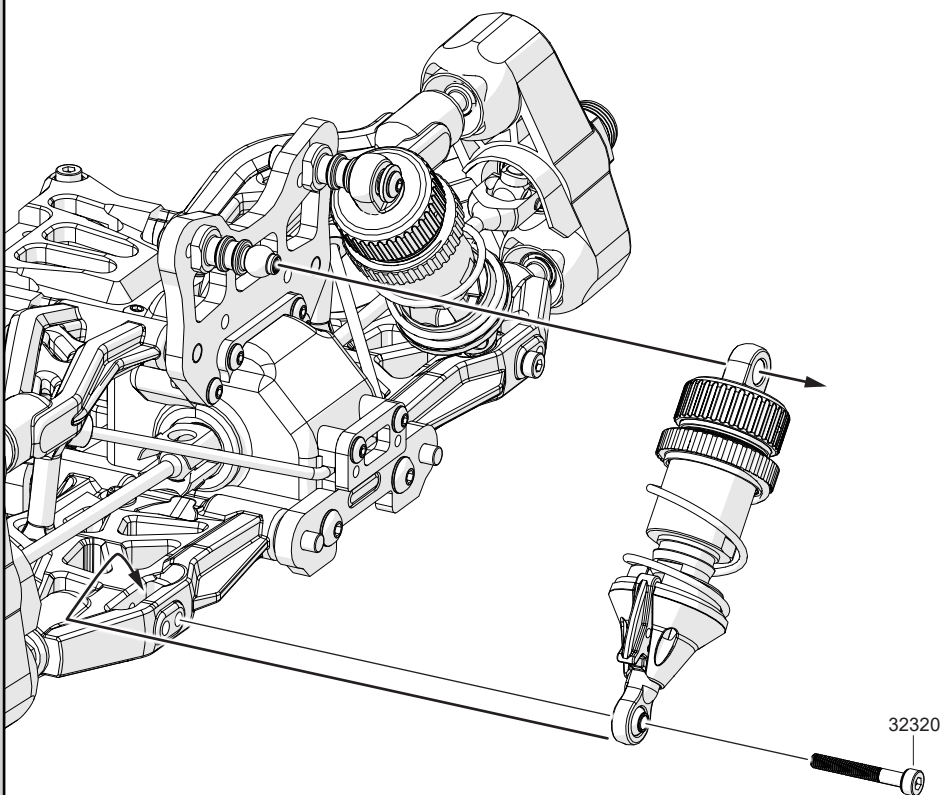
Shock Set No. 90082



20

Front Shock Assembly

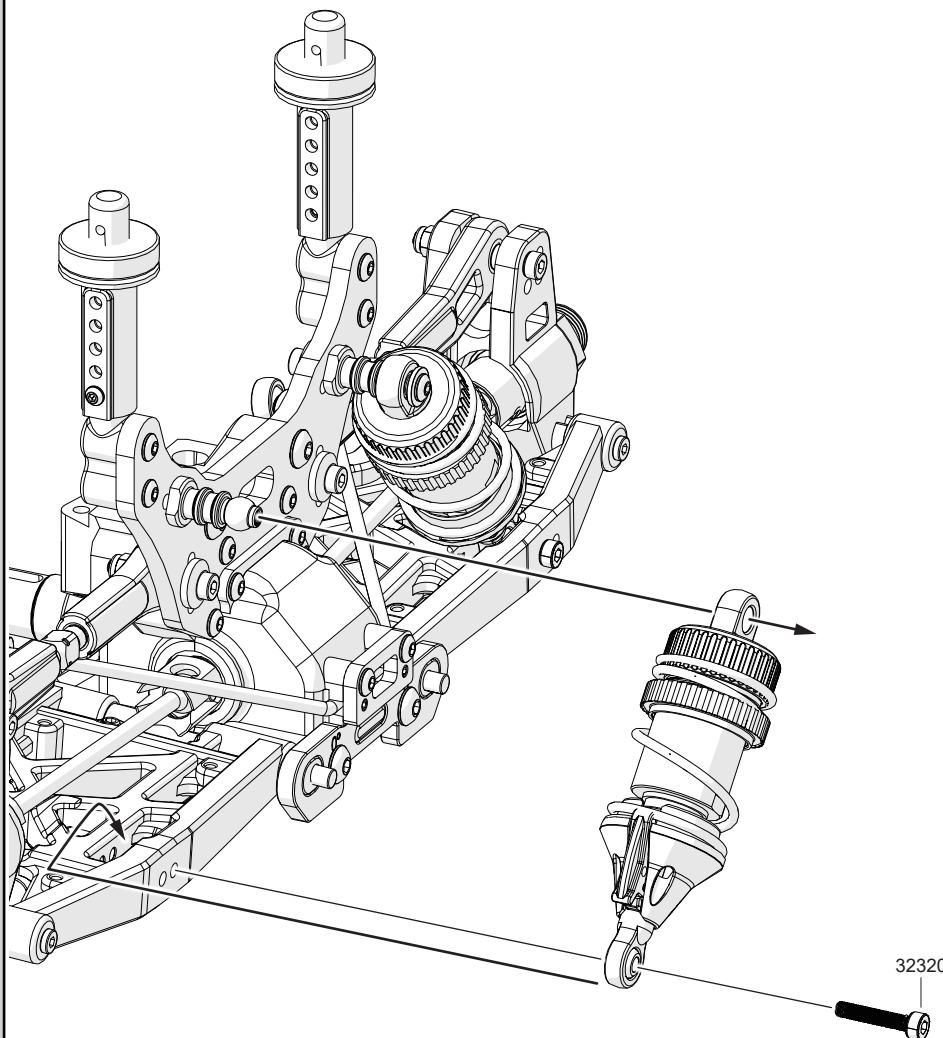
32320
M3x20 x2
Cap Screw



21

Rear Shock Assembly

32320
M3x20 x2
Cap Screw



22

36212
M2.6x12 x2
Cap Screw

33312
M3x12 x2
B/H Screw

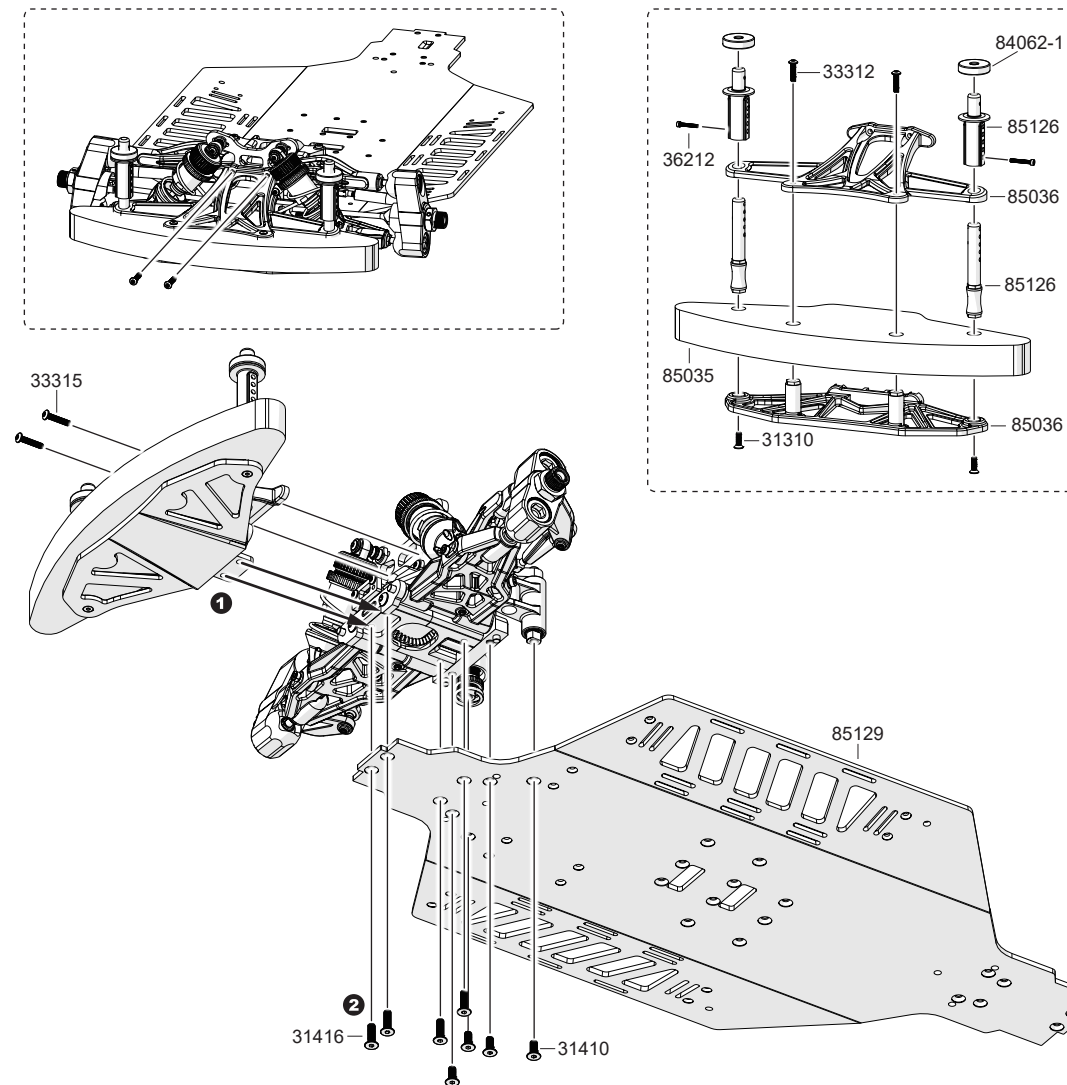
33315
M3x15 x2
B/H Screw

31310
M3x10 x2
F/H Screw

31416
M4x14 x4
F/H Screw

31410
M4x10 x4
F/H Screw

Front Clip With Bumper Assembly

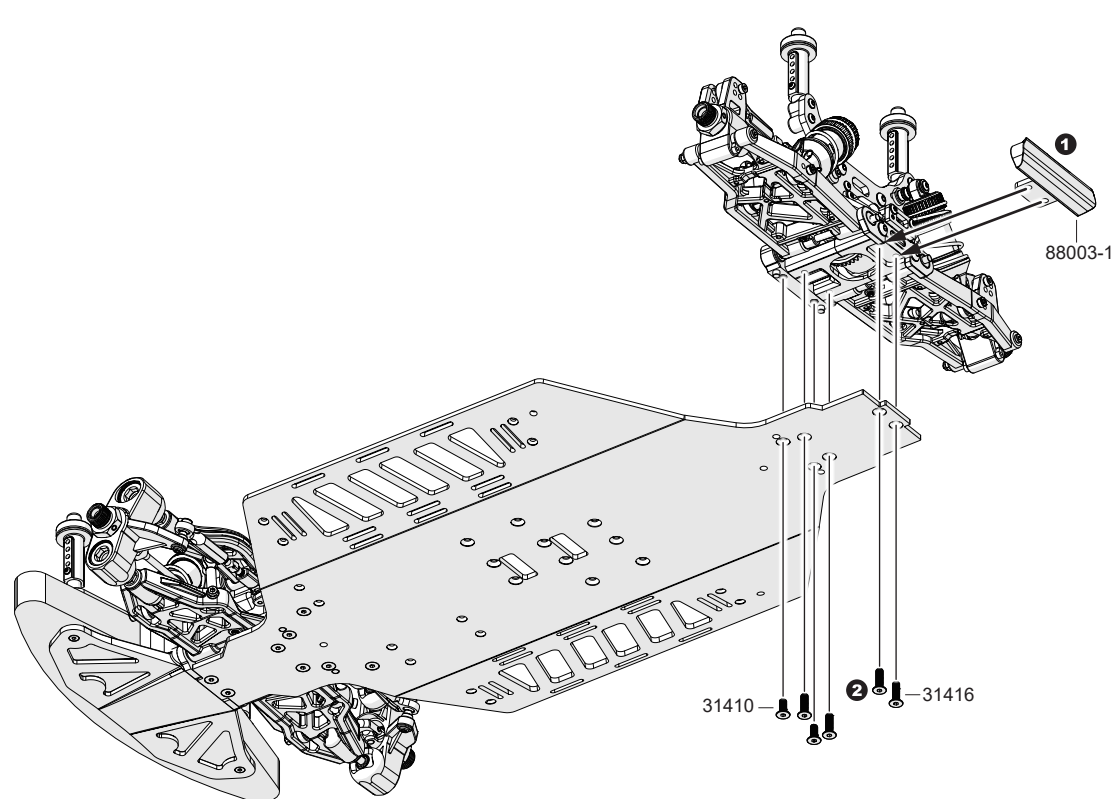


23

31416
M4x14 x2
F/H Screw

31410
M4x10 x4
F/H Screw

Rear Clip With Bumper Assembly



24



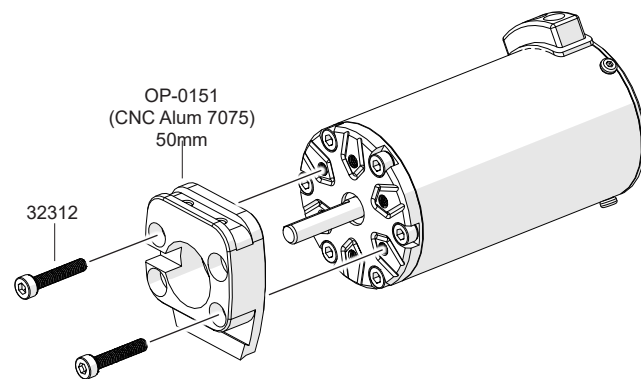
32312
M3x12 x2
Cap Screw



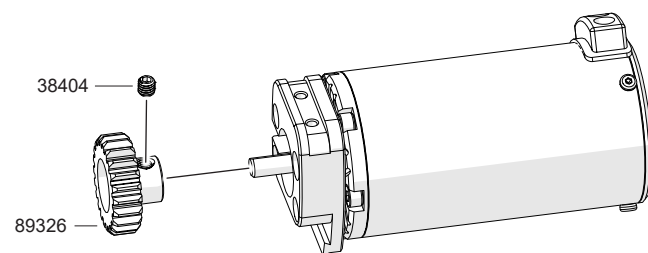
38404
M4x4 x1
Set Screw

Motor Assembly

STEP 1



STEP 2



25



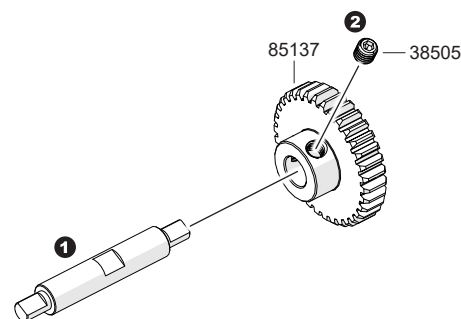
38505
M5x5 x3
Set Screw



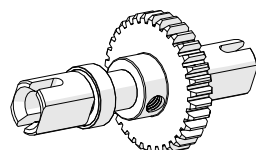
33306
M3x6 x1
B/H Screw

Center Spool Set Assembly

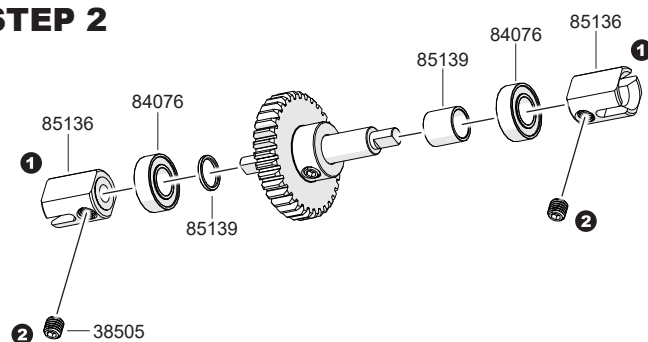
STEP 1



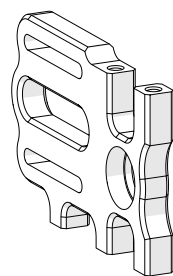
NO. 85138



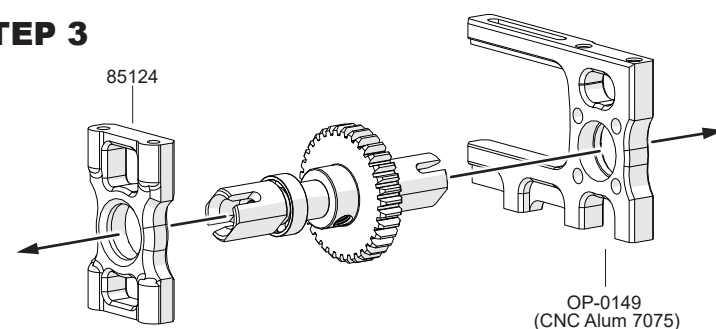
STEP 2



OPTIONAL PARTS
NO. OP-0141



STEP 3



CNC Alum 7075
Motor Mount For 1/5 Motor

26

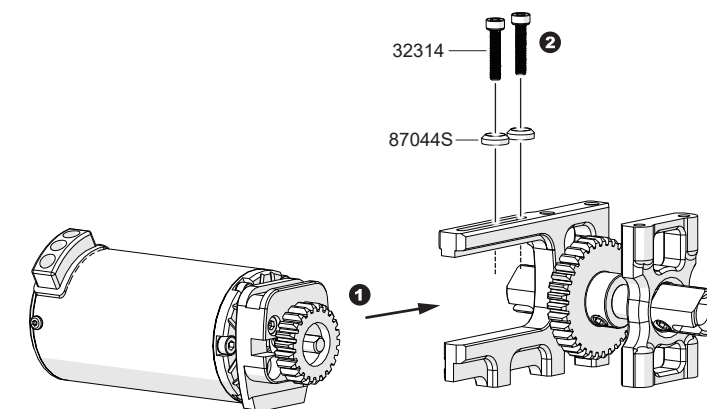


32314
M3x14 x2
Cap Screw

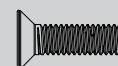


87044S x2
Alum Collar

Center Spool Set And CNC Alum Motor Mount Assembly

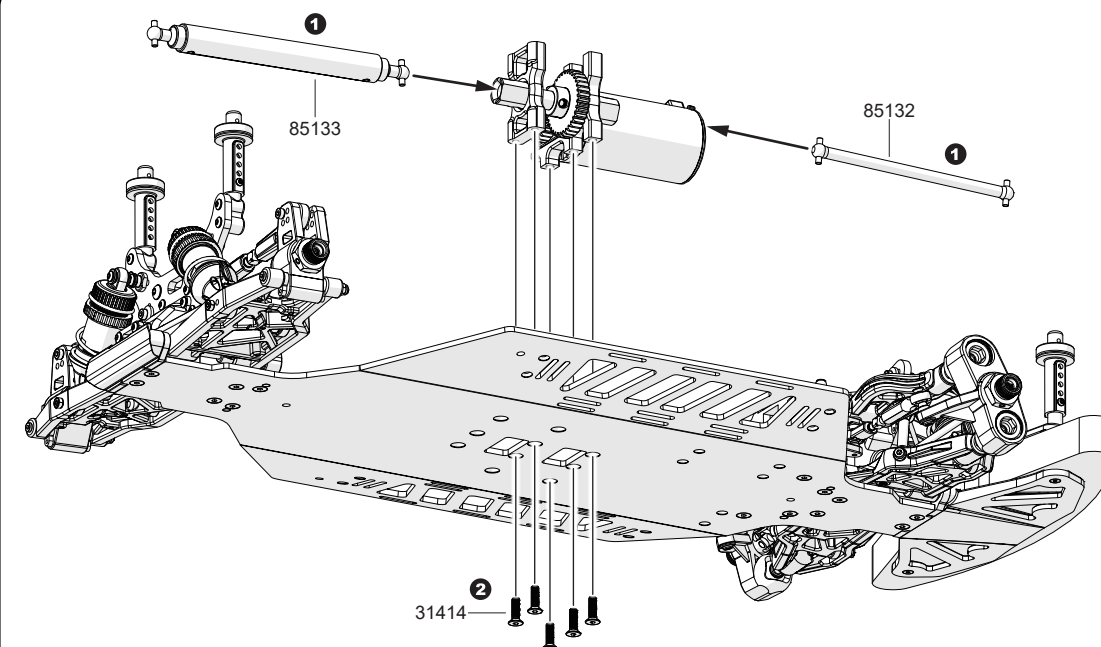


27



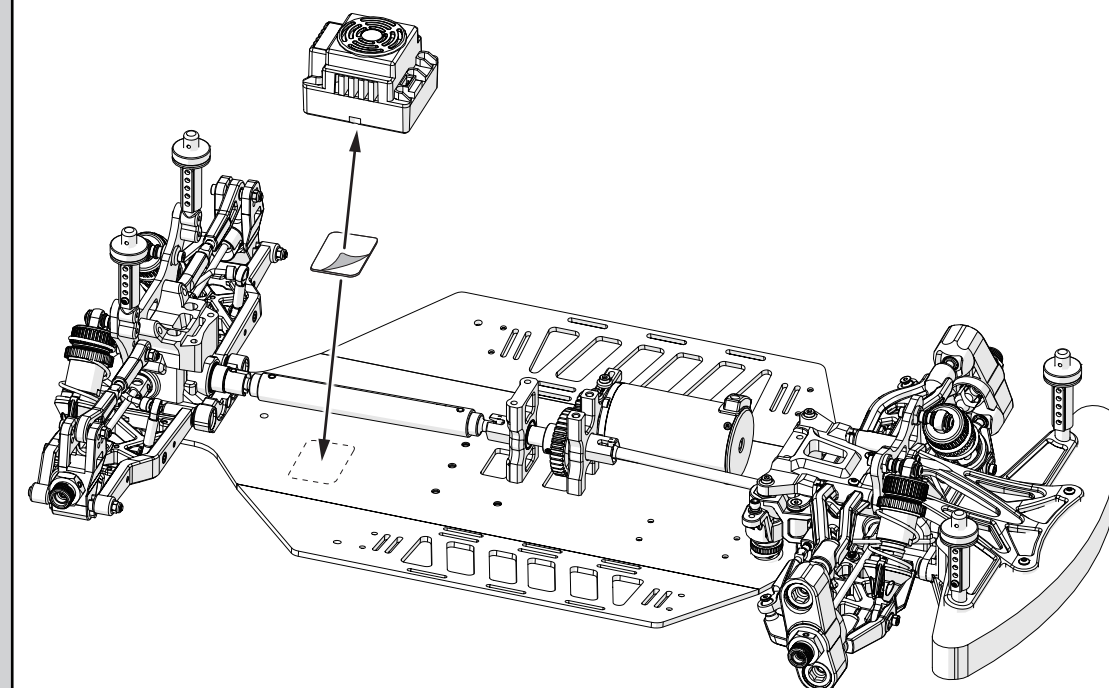
31414
M4x14 x6
F/H Screw

Center Drive Shaft And Motor Unit Assembly



28

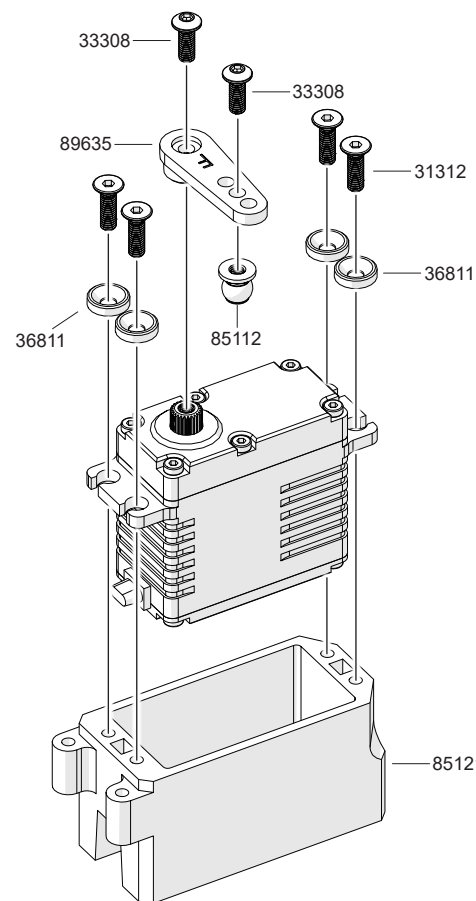
Electric Speed Controller Assembly



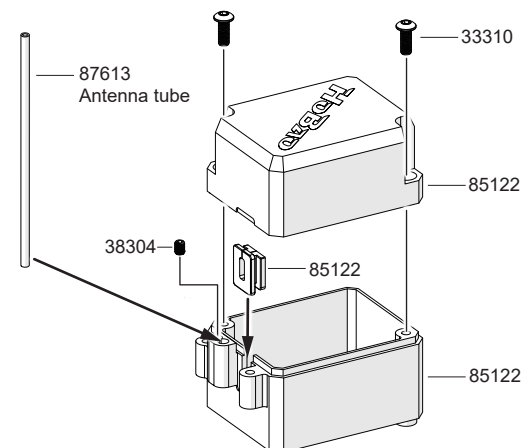
29

Receive Box And Steering Servo Assembly 1

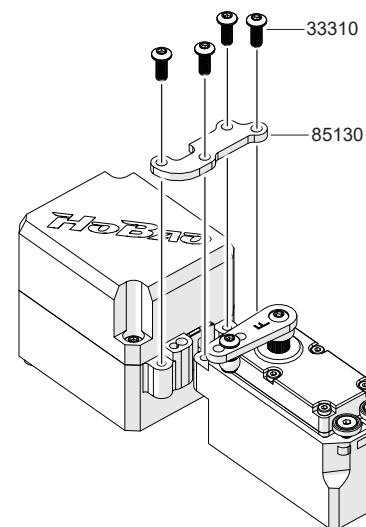
STEP 1



STEP 2

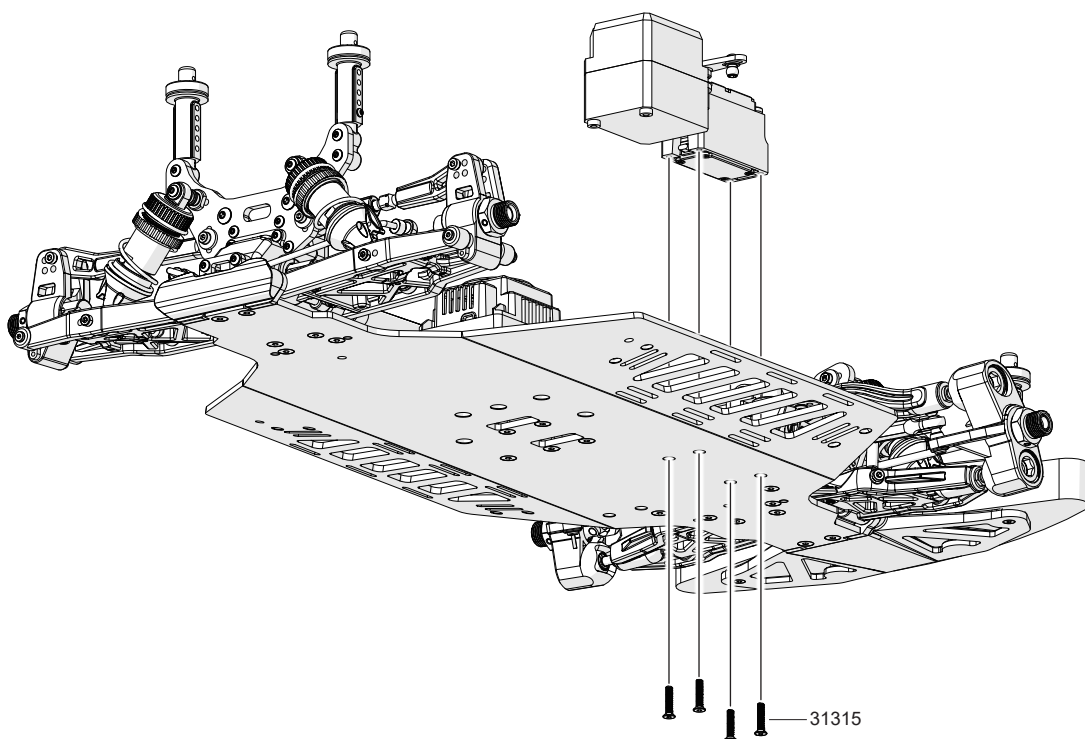


STEP 3



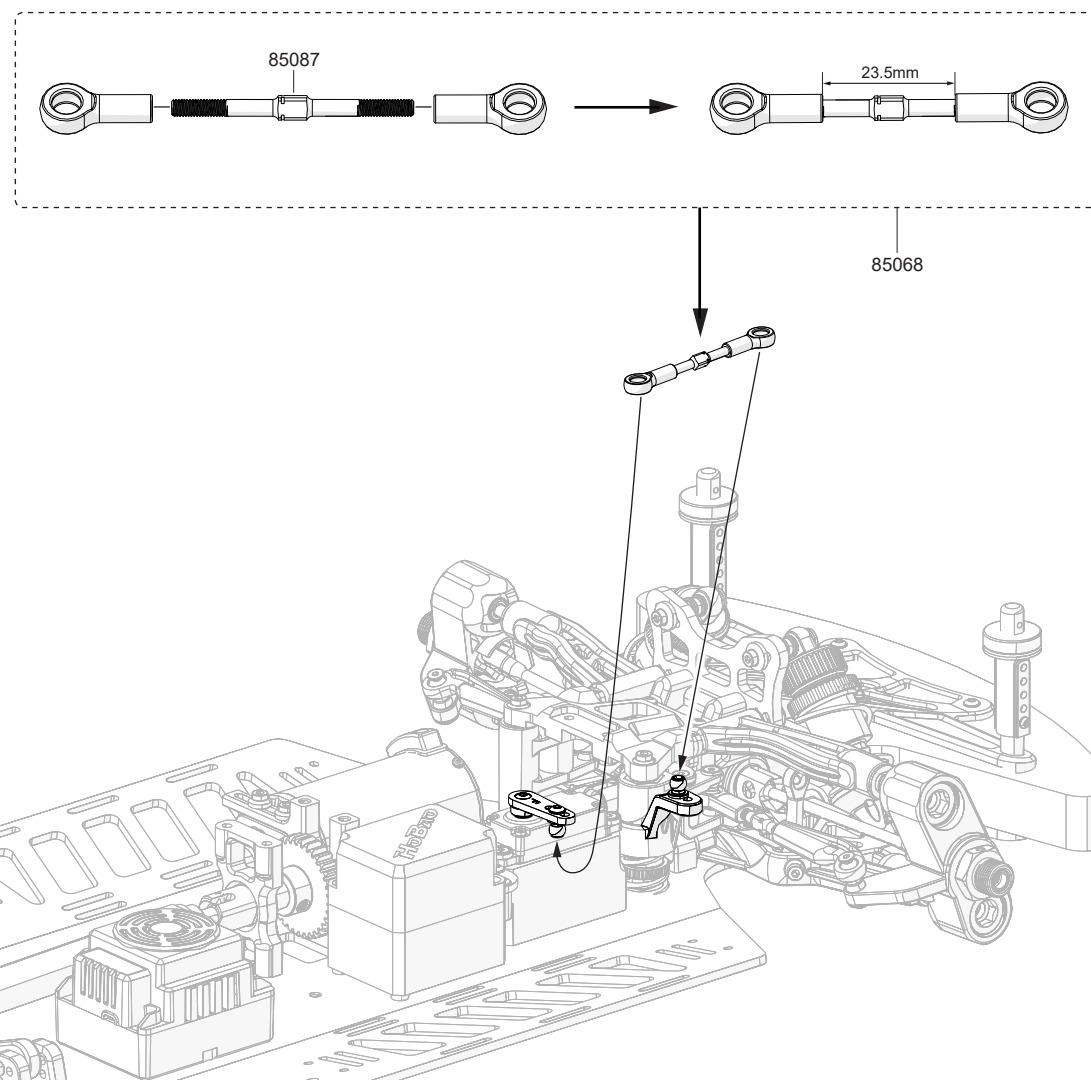
30

Receive Box And Steering Servo Assembly 2



31

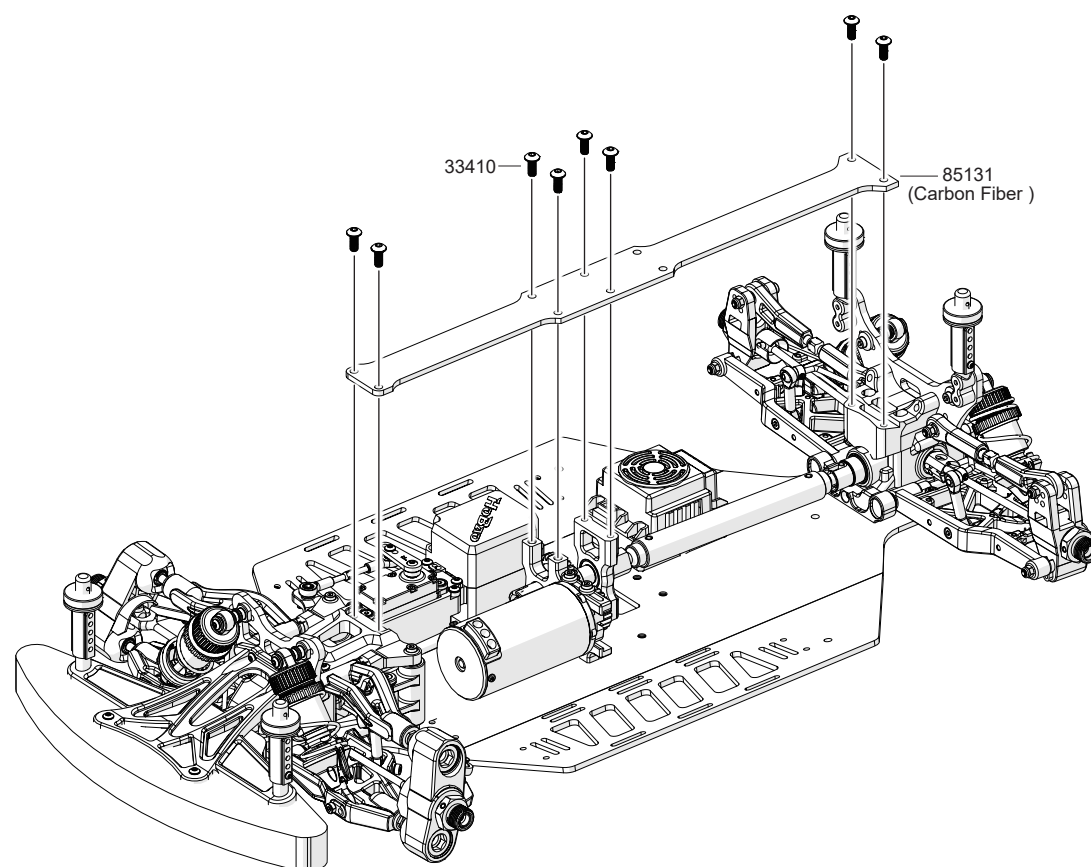
Steering Servo Linkage Assembly



32

Carbon Fiber Top Brace Assembly

33410
M4x10 x8
B/H Screw

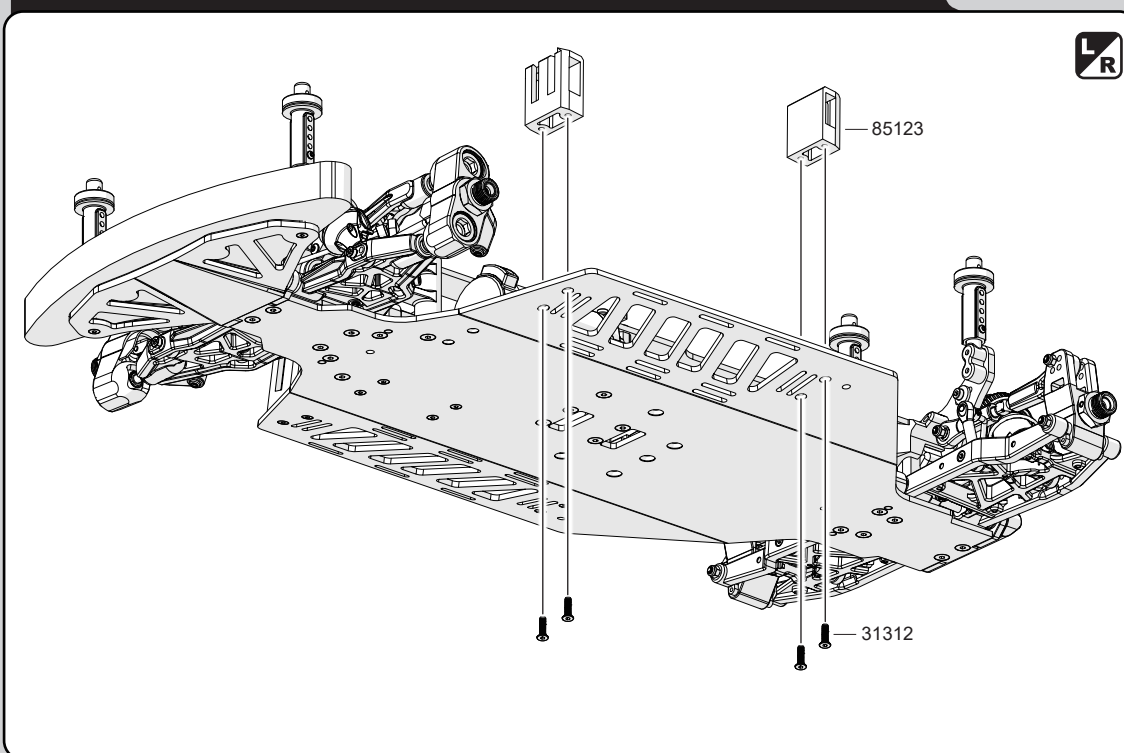


33

Quick Release Battery Tray Mount Assembly



31312
M3x12 x2
F/H Screw



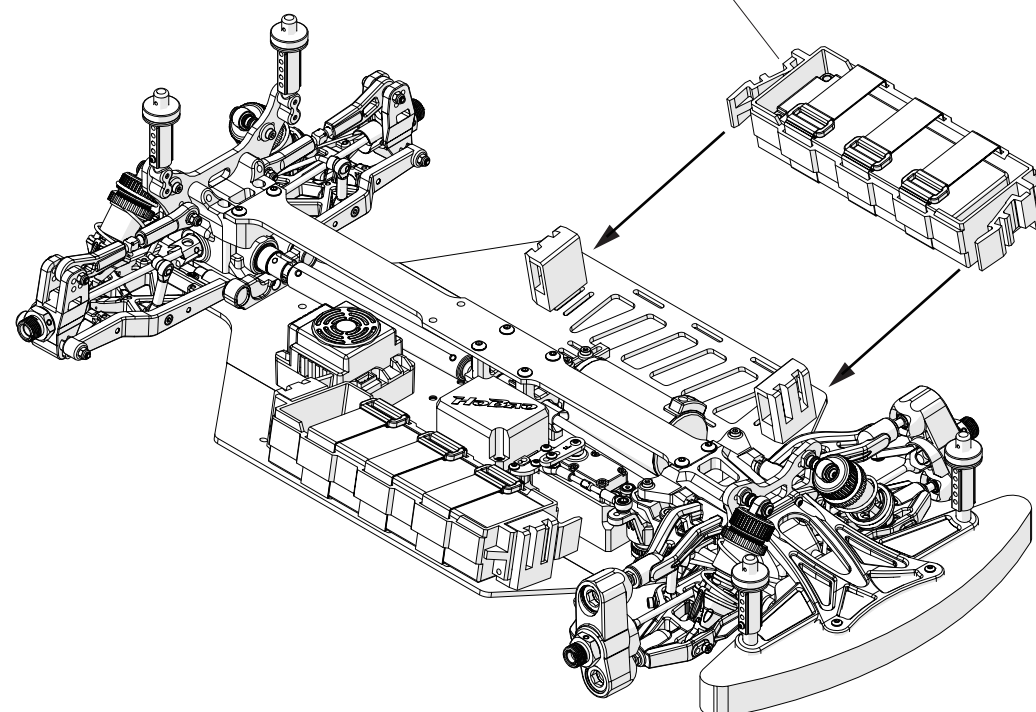
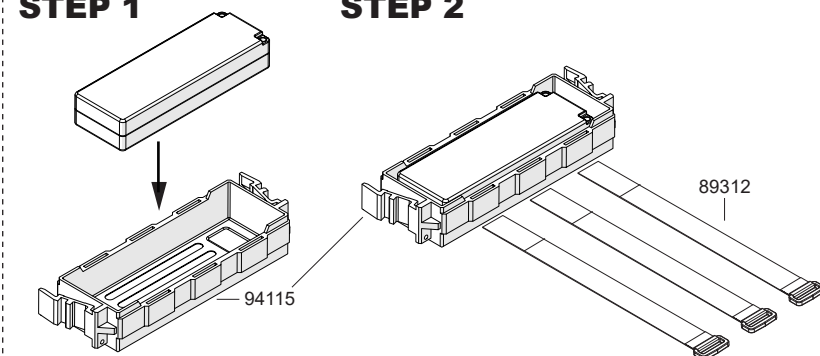
34

Battery Tray Unit Assembly

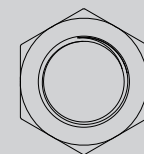
x2

STEP 1

STEP 2



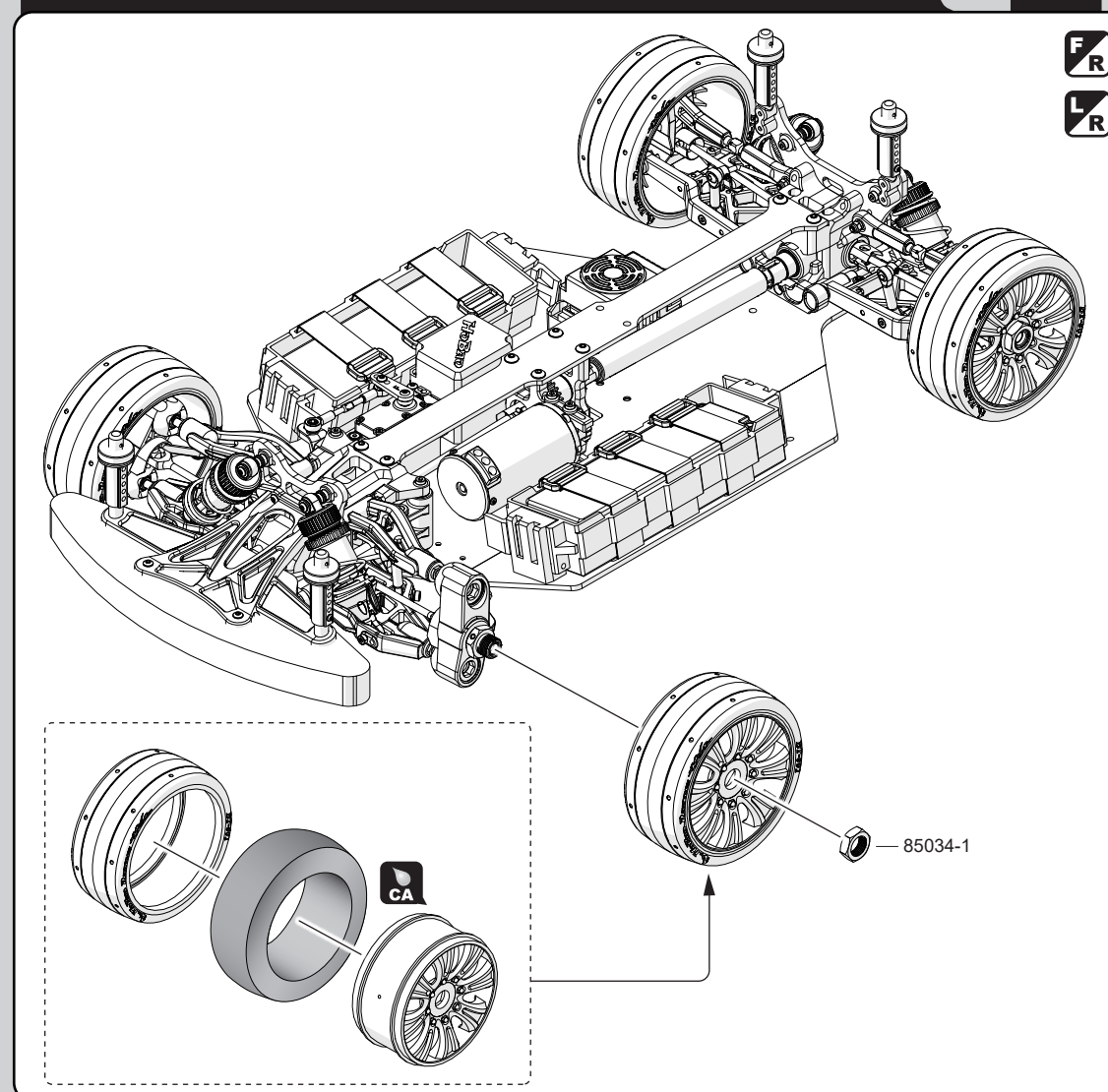
35



85034
Wheel Hex Nut x4

Tire Assembly

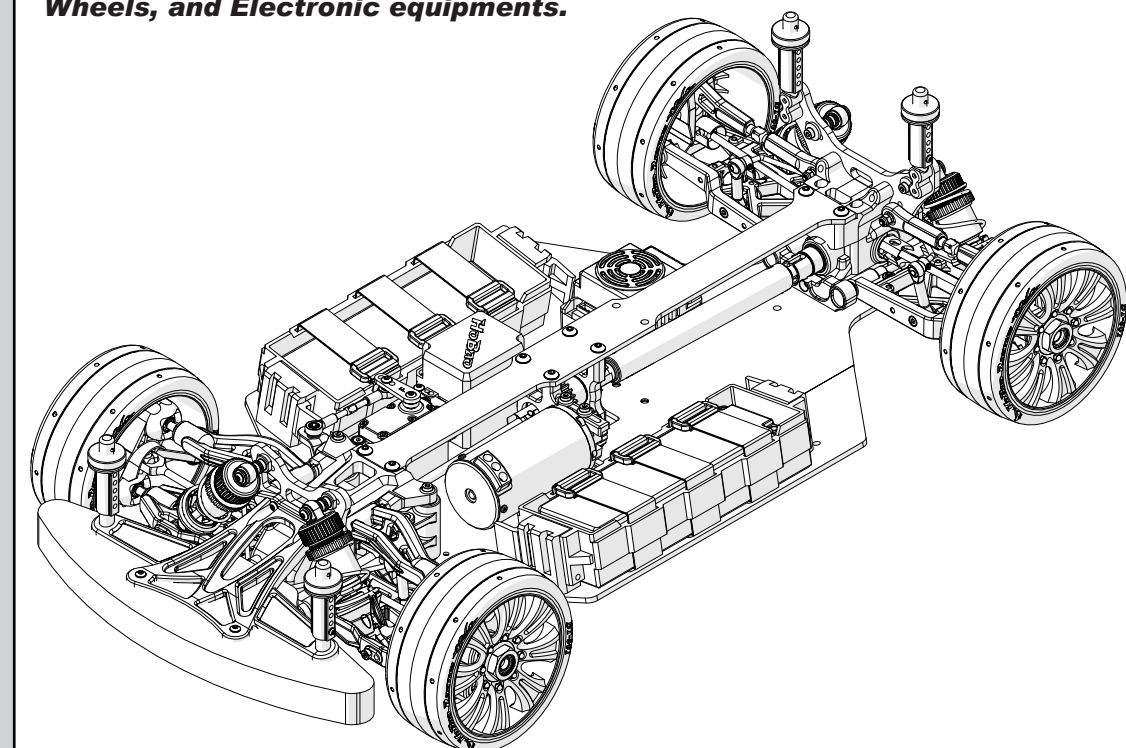
x4



36

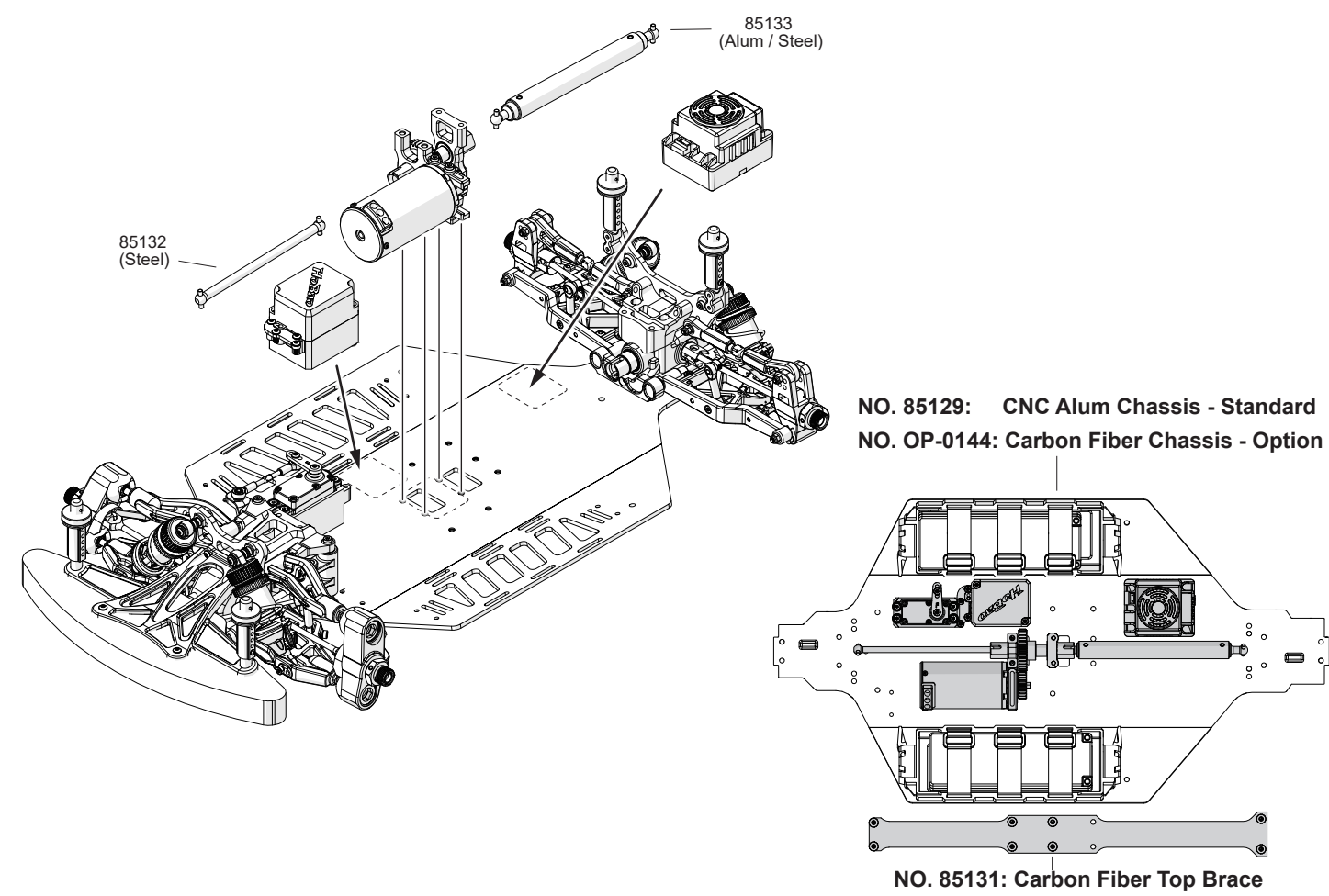
Assembled

This product contain no Body, Tires, Wheels, and Electronic equipments.

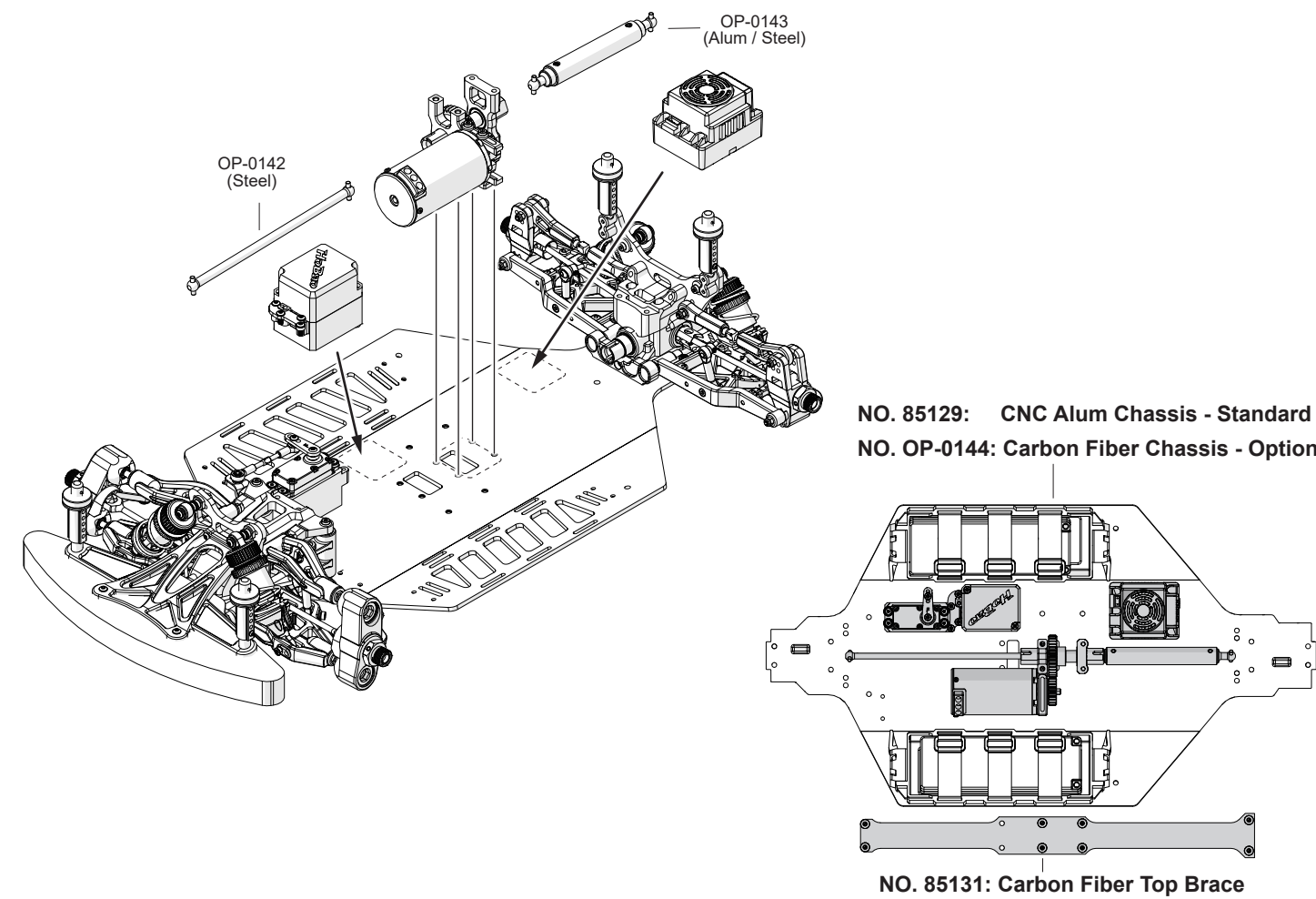


Weight Distribution Adjustment

***** Weight Distribution Forward**

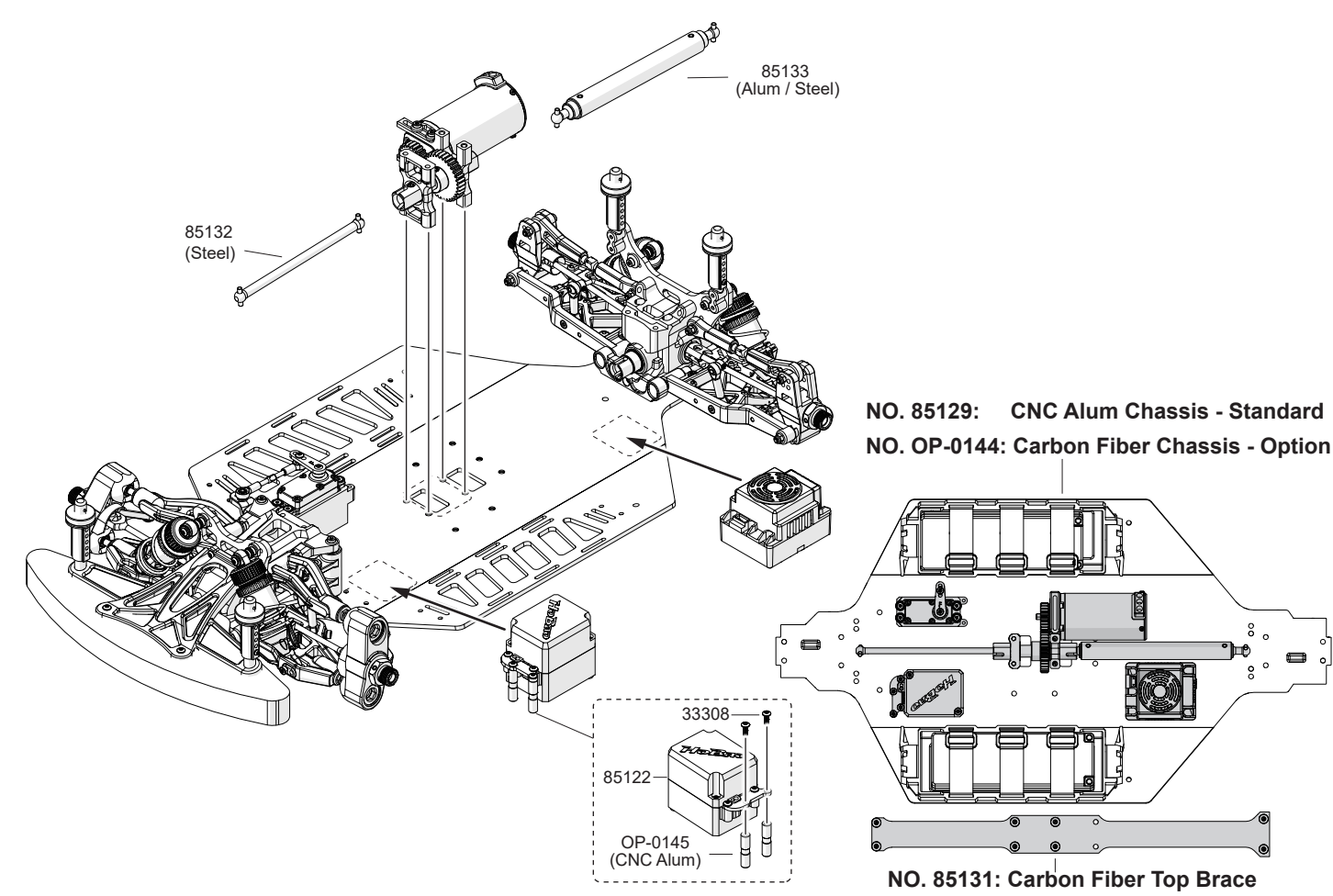


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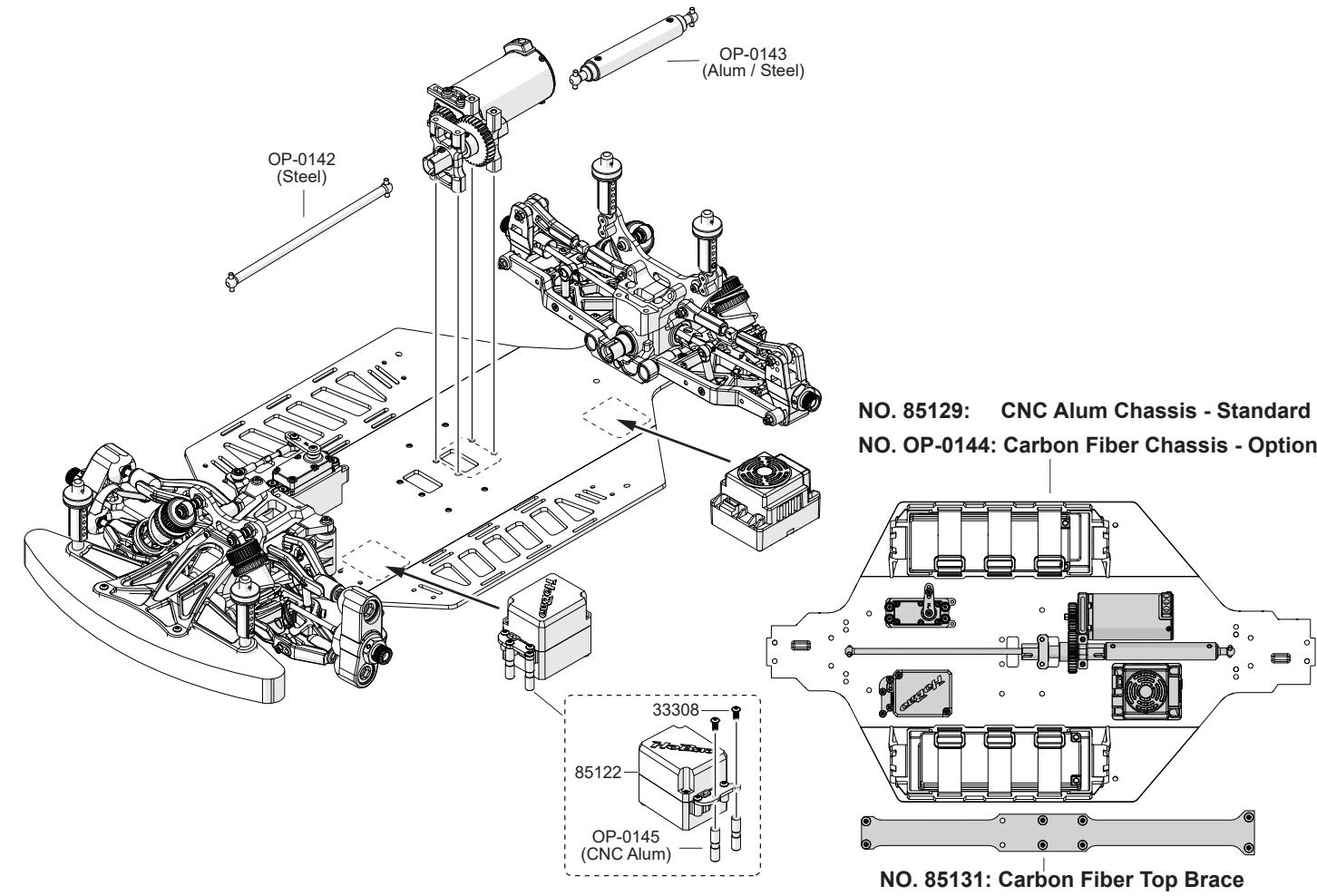


Weight Distribution Adjustment

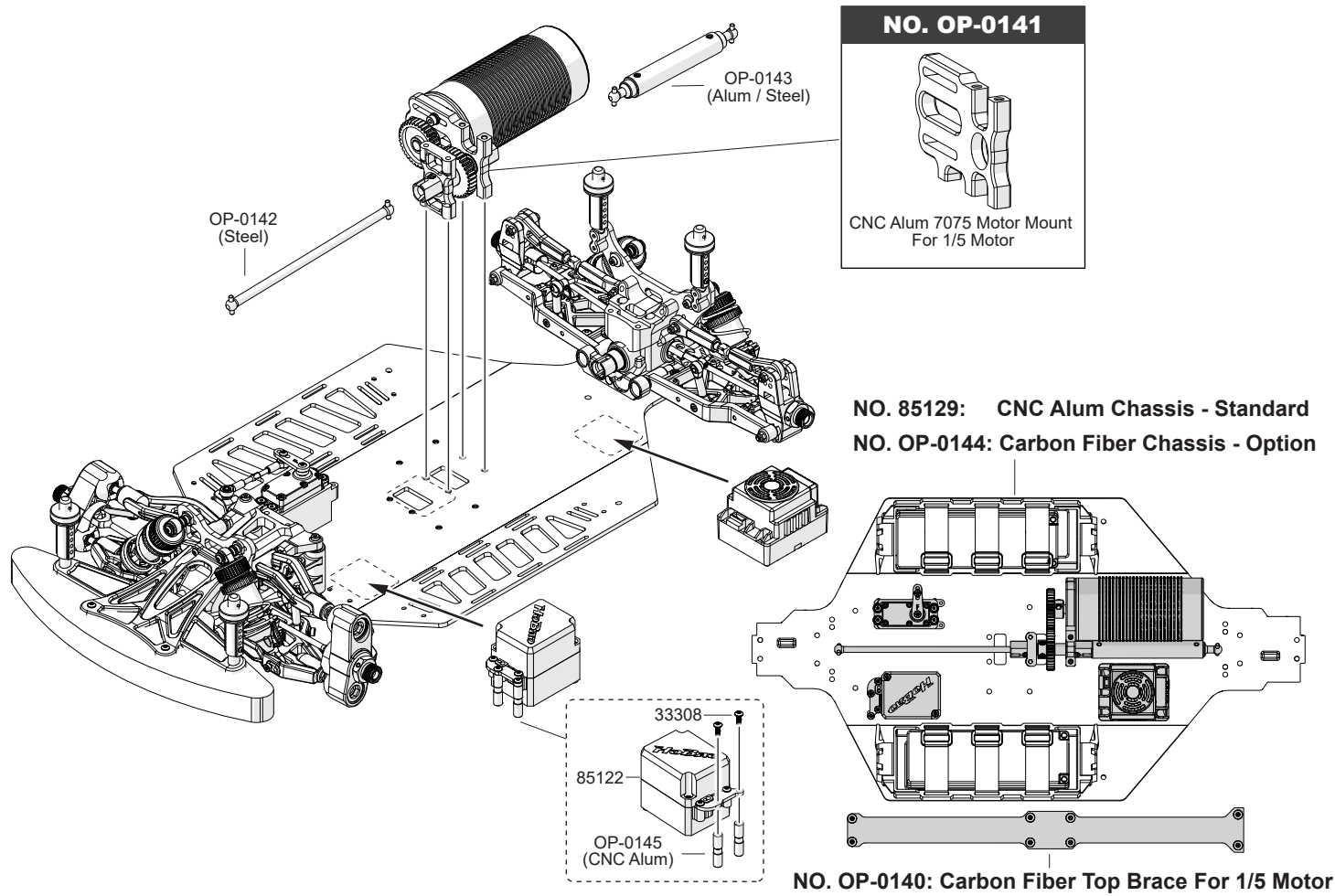
***** Motor Backward / Weight Distribution Forward**



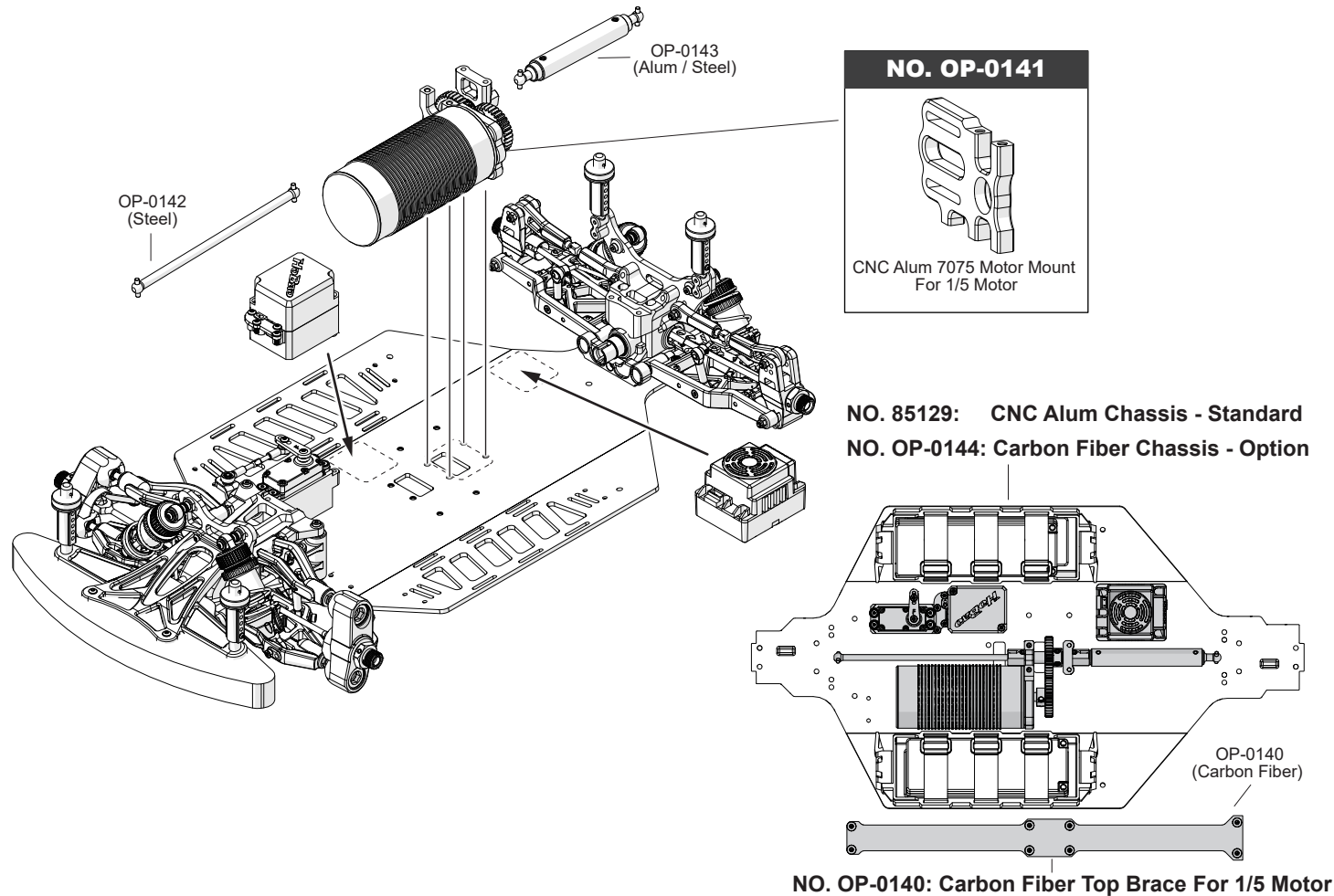
***** Motor Backward / Weight Distribution Backward**



*** Motor Forward / Weight Distribution Forward



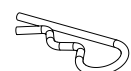
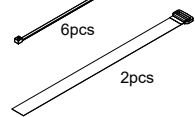
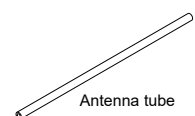
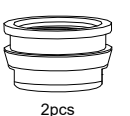
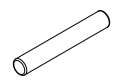
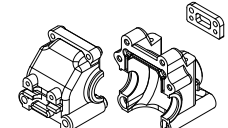
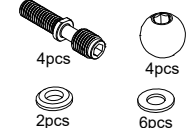
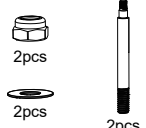
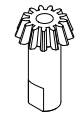
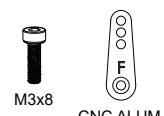
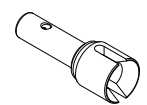
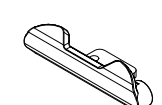
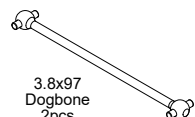
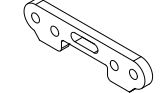
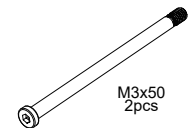
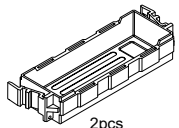
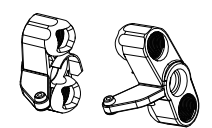
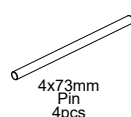
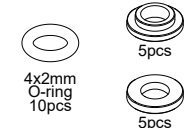
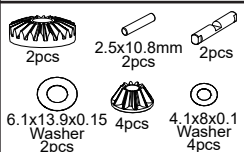
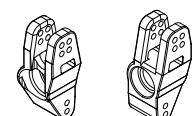
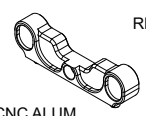
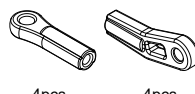
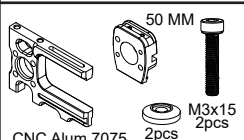
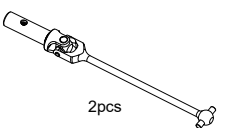
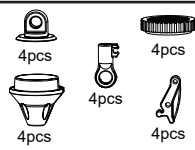
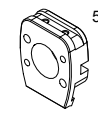
*** Motor Backward / Weight Distribution Backward

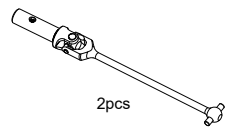
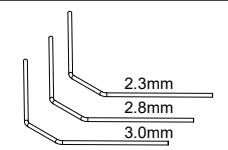
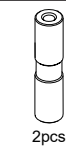
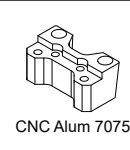
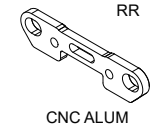
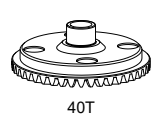
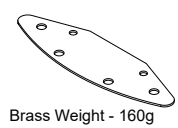
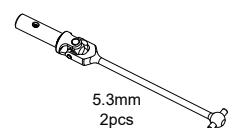
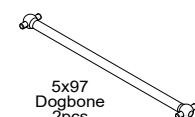
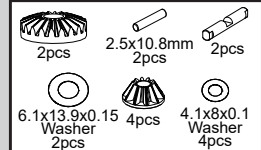
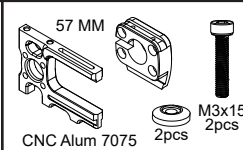
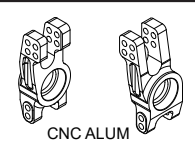
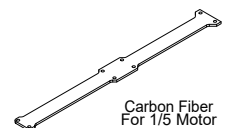
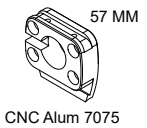
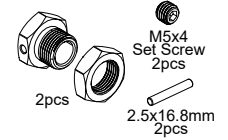
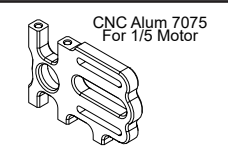
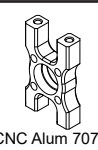
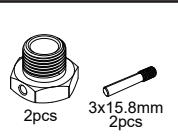
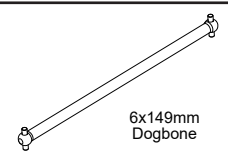
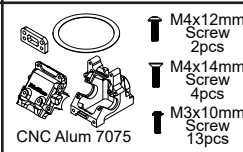


Extreme VTE 2

PARTS LIST

36101	85031	85067	85091	85116	85129
5.8x1.9mm O-ring 10pcs		2pcs 2.5x13.8mm Pin 2pcs	6.8mm Alum 7075 4pcs		CNC Alum
39057	85034	85068	85092	85117	85130
2.5x10.8mm 2pcs	M5x5 Set Screw 2pcs 2.5x16.8mm 2pcs	3x43mm Alum 7075 Alum 2pcs	6.8mm Alum 7075 4pcs		CNC Alum
84062-1	85034-1	85069	85093	85121	85131
10pcs	2pcs	2pcs Alum 2pcs Alum M3x3 Set Screw 2pcs	6.8mm Alum 7075 4pcs		Carbon Fiber
84076	85035	85070	85094	85122	85132
8x16x5mm 4pcs		2pcs Alum 2pcs Alum M3x3 Set Screw 2pcs	7.8mm Alum 7075 4pcs		6x114mm Dogbone
84078	85036	85078	85110	85123	85133
6x10x3mm 4pcs	2pcs 2pcs	2pcs 4pcs	5.8x1.9x2mm O-ring 2pcs M4x4 Set Screw	4pcs	Alum/Steel 154mm Dogbone
85002	85044	85082	85111	85124	85136
Rear 2pcs		2pcs	M3x15 4pcs 43T		2pcs
85011	85048	85087	85112	85125	85137
4x43.5mm Pin 2pcs	2pcs 2pcs 4pcs	3x43mm Alum 7075	5.8mm Alum 7075 4pcs		
85022	85049	85088	85113	85126	85138
2pcs 2pcs		4x40mm Alum 7075 2pcs		2pcs 2pcs	
85026	85050	85089	85114	85127	85139
2pcs 2pcs 2pcs 2pcs		5x50mm Alum 7075 2pcs	CNC Alum 7075 2pcs 2pcs	CNC Alum 7075	CNC Alum 7075
85029	85051	85090	85115	85128	85140
Φ3x2.5mm 4pcs	4pcs	6.8mm Alum 7075 4pcs	2pcs	CNC Alum	2pcs

87005-2	87375	89312	90052		
 6.1x13.9x0.15 Washer 6pcs	 6pcs	 6pcs 2pcs	 2pcs		
87021	87613	89326	90053		
 2pcs M4x4 Set Screw 2pcs	 Antenna tube	 16T	 2pcs		
87027-1	88001	89604	90071		
 2.5x16.8mm Pin 4pcs		 4pcs 4pcs 2pcs 6pcs	 2pcs 2pcs 2pcs		
87028	88002	89635	90079		
 13T	 M4x47 Screw 4pcs	 M3x8 CNC ALUM	 2pcs		
87037	88003-1	90010	90082		
 2pcs		 3.8x97 Dogbone 2pcs	 2pcs		
87044S	88004	90028	94115		
 4pcs		 M3x50 2pcs	 2pcs		
87206	88013	90036	94117		
	 4x73mm Pin 4pcs	 4x2mm O-ring 10pcs 5pcs 5pcs	 2pcs 2.5x10.8mm 2pcs 2pcs 6.1x13.9x0.15 Washer 2pcs 4pcs 4.1x8x0.1 Washer 4pcs		
87208	88029	90047	OP-0115		
 8pcs		 4pcs	 RF CNC ALUM		
87209	88030	90048	OP-0149		
 4pcs	 4pcs 4pcs	 4pcs	 50 MM CNC Alum 7075 2pcs M3x15 2pcs		
87354	88039	90049	OP-0151		
 2pcs	 4pcs	 4pcs 4pcs 4pcs 4pcs	 50 MM CNC Alum 7075		

OPTIONAL PARTS					
OP-0009	OP-0144	OP-0156			
 2pcs	 Carbon Fiber	 CNC Alum 7075			
OP-0110	OP-0145	OP-0157			
 2.3mm 2.8mm 3.0mm	 2pcs	 CNC Alum 7075			
OP-0116	OP-0146	OP-0158			
 RR CNC ALUM	 40T	 Brass Weight - 160g			
OP-0117	OP-0147	OP-0159			
 CNC ALUM RR 0.5"	 15T	 5.3mm 2pcs			
OP-0118	OP-0148	OP-0161			
 CNC ALUM RR 0.75"	 CNC ALUM CASE M3x8mm Screw 4pcs 2pcs	 5x97 Dogbone 2pcs			
OP-0139	OP-0150	89147			
 2pcs 2.5x10.8mm 2pcs 2pcs 6.1x13.9x0.15 Washer 2pcs 4pcs 4.1x8x0.1 Washer 4pcs	 57 MM CNC Alum 7075 2pcs M3x15 2pcs	 CNC ALUM			
OP-0140	OP-0152	94018			
 Carbon Fiber For 1/5 Motor	 57 MM CNC Alum 7075	 2pcs M5x4 Set Screw 2pcs 2.5x16.8mm 2pcs			
OP-0141	OP-0153	94071			
 CNC Alum 7075 For 1/5 Motor	 CNC Alum 7075	 2pcs 3x15.8mm 2pcs			
OP-0142	OP-0154	36811			
 6x149mm Dogbone	 M4x12mm Screw 2pcs M4x14mm Screw 4pcs M3x10mm Screw 13pcs	 CNC Alum 3mm Washer 10pcs			
OP-0143	OP-0155				
 Alum/Steel 119mm Dogbone	 CNC Alum 7075				



PARTS LIST

STANDARD PARTS		85128	1/7 VTE2 CNC ALUM FRONT TOP PLATE	OP-0151	CNC ALUM 7075 SLIDER FOR 50MM MOTOR
36101	O-RING 5.8x1.9MM	85129	1/7 VTE2 CNC ALUM CHASSIS		
39057	PIN 2.5x10.8MM	85130	CNC ALUM FIXED PLATE FOR RECEIVE BOX		
84062-1	BODY FOAM SPACER	85131	CARBON FIBER TOP BRACE		
84076	BEARING 8x16x5MM	85132	CENTER FRONT DOG BONE- 6 X 114MM		
84078	BEARING 6x10x3MM	85133	CENTER REAR DRIVE SHAFT- 154MM (STEEL/ ALUM)		
85002	REAR LOWER ARM SET	85136	SPOOL CUP, 2PCS (HEAVY DUTY)		
85011	PIN 4x43.5MM	85137	MOTOR GEAR 34T- 1M/ 8MM		
85022	STEERING KNUCKLE ARM	85138	CENTER SPOOL SET W/ 34T STEEL SPUR GEAR		
85026	ADJUSTABLE ARM INSERT	85139	CNC ALUM SPOOL SPACER SET		
85029	ARM SPACER	85140	SHOCK SPRING- HARD/ ORANGE, 2PCS		
85031	FRONT UPPER ARM HOLDER	87005-2	SPACER 6.1x13.9x0.15MM		
85034	WHEEL HUB SET 1.0MM	87021	OUTDRIVE CUP		
85035	VT FRONT BUMPER FOAM	87027-1	PIN 2.5x16.8MM		
85036	VT FRONT BUMPER SET WITH BODY POST	87028	DIFFERENTIAL PINION GEAR 13T		
85044	VT CNC ALUM FRONT LOWER ARM HOLDER FOR FR	87037	AXLE CUP		
85048	VT REAR BODY POST	87044S	ALUM COLLAR 3x10MM		
85049	VT CNC ALUM FRONT SHOCK TOWER	87206	PIVOT BALL FRONT STEERING HUBS		
85050	VT CNC ALUM REAR SHOCK TOWER	87208	PIVOT BALL PLASTIC BALL WASHERS/SPACERS		
85051	SHOCK BOOTS, 4 PCS	87209	PIVOT BALL NUTS		
85067	LIGHTWEIGHT DIFFERENTIAL OUTDRIVE CUP	87354	FRONT UNIVERSAL JOINT DRIVESHAFTS		
85068	ALUM 7075 SERVO LINKAGE SET FOR STEERING	87375	BODY CLIPS		
85069	FRONT SWAY BAR SET	87613	ANTIENNA TUBE, 6 PCS		
85070	REAR SWAY BAR SET	88001	GEAR BOX		
85078	ADJUSTABLE ARM RETAINER CLIP	88002	HEX SCREW 4x47MM		
85082	WASHER FOR SERVO SAVER	88003-1	REAR BUMPER		
85087	ALUM 7075 TURNBUCKLE 3X43MM	88004	FRONT LOWER ARMS HOLDER		
85088	ALUM 7075 TURNBUCKLE 4X40MM	88013	ARM SHAFT 4x73MM		
85089	ALUM 7075 TURNBUCKLE 5X50MM	88029	REAR HUB SET		
85090	ALUM 7075 SHOCK BALLS - 6.8MM	88030	REAR UPPER ARM PLASTIC ROD END		
85091	ALUM 7075 BALLS - 6.8MM	88039	STABILIZER BALL		
85092	ALUM 7075 FLANGED BALLS - 6.8MM	89312	MAGIC STRIP		
85093	ALUM 7075 FLANGED BALLS - 6.8MM	89604	STEERING PIVOT BALL SET		
85094	ALUM 7075 FLANGED BALLS - 7.8MM	89635	FUTABA SERVO HORN (25T)		
85110	NEW DIFFERENTIAL CASE SET	90010	REAR AXLE, 2 PCS		
85111	NEW CROWN GEAR 43T FOR # 85110	90028	SCREW 3x50MM		
85112	ALUM 7075 FLANGED BALLS - 5.8MM	90036	SHOCK ABSORBER REPAIR SET		
85113	NEW SERVO SAVER ARM	90047	SHOCK PISTON		
85114	CNC ALUM 7075 STEERING RACK SET	90048	SHOCK BLADDER		
85115	SERVO SAVER POST SET	90049	SHOCK NYLON SET		
85116	FRONT UPPER ARM	90052	SHOCK CAP TOP		
85117	FRONT LOWER ARM	90053	SHOCK CAP BOTTOM		
85121	1/7 VTE2 SERVO MOUNT	90071	FRONT SHOCK SHAFT		
85122	LARGE CAPACITY RECEIVER BOX	90079	FRONT SHOCK BODY		
85123	QUICK RELEASE BATTERY TRAY MOUNT, 4PCS	90082	FRONT / REAR SHOCK ABSORBER SET		
85124	CENTER SPOOL MOUNT-PLASTIC (HEIGHT +5MM)	94115	LARGE CAPACITY BATTERY TRAY		
85125	REAR TOP BRACE MOUNT	94117	NEW BEVEL GEAR SET		
85126	FRONT BODY POST	OP-0115	VS CNC ALUM REAR LOWER ARM HOLDER - RF		
85127	CNC ALUM 7075 RR SUSPENSION MOUNT (0°)	OP-0149	CNC ALUM 7075 SLIDING MOTOR MOUNT SET		



PARTS LIST

[illegible]

NO.90082
FRONT/REAR
SHOCK SET

