

HYPER VS2

Electric

HoBao

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



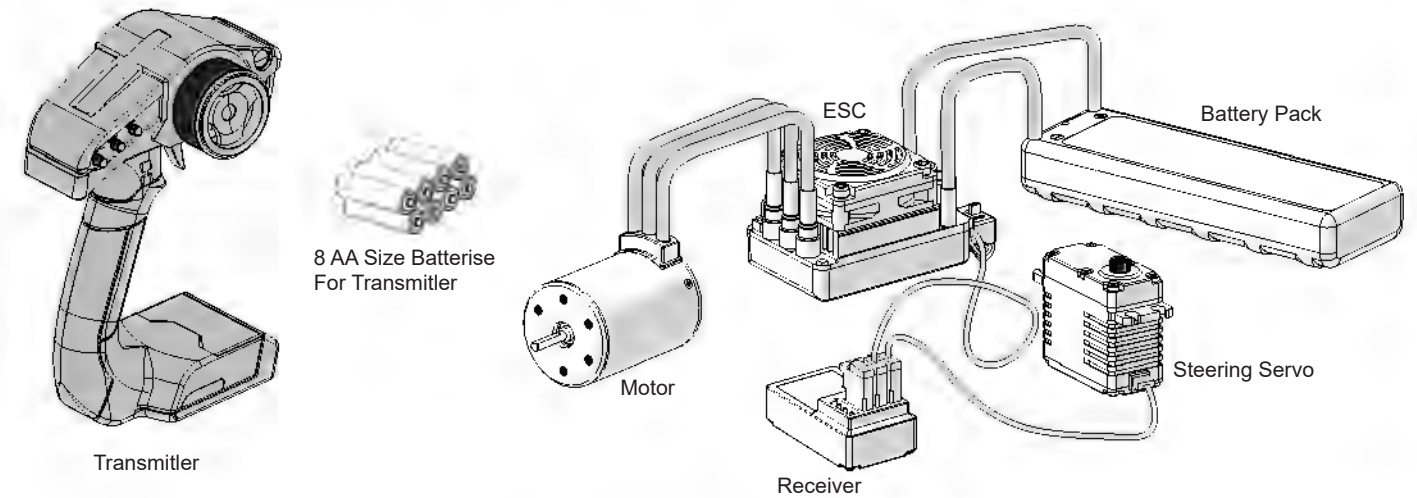
**RACE
BUGGY**

INSTRUCTION MANUAL

HYPERVS2 Electric

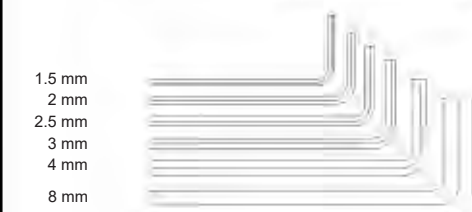
Required

Radio Control Equipment Set



Tools Recommended

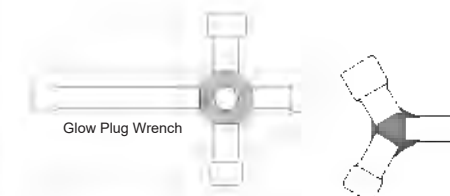
Hex Wrench



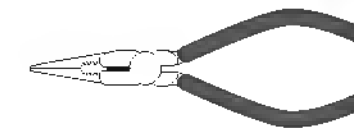
Screwdriver



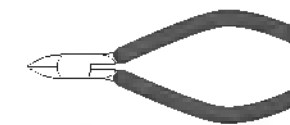
Wrench



Long Nose Pliers



Side Cutter



Curved Scissor



Modeling Knife



Tweezers



Reamer



Instant Cement



Rubber Cement



Thread Lock



Grease



Silicone Oil



1



85066
4.1x8x0.1mm x8
Washer



87005-2
6.2x13.9x0.15mm x4
Washer



36101
5.8x1.9mm x4
O-ring



38404
M4x4 x1
Set Screw



31315
M3x15 x8
F/H Screw



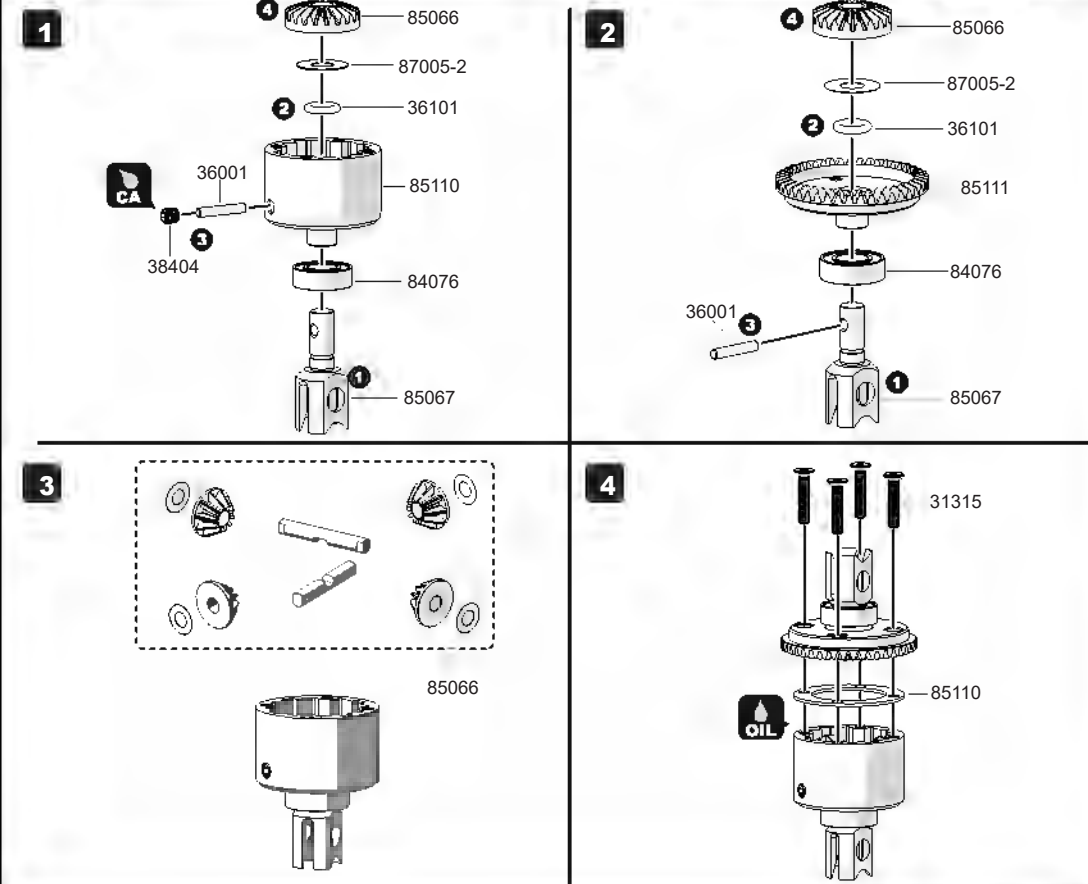
36001
2.5x13.8mm x4
Shaft



84076
8x16x5mm x4
Ball Bearing

Front / Rear Differential Assembly

x2



2



38504
M5x4 x2
Set Screw



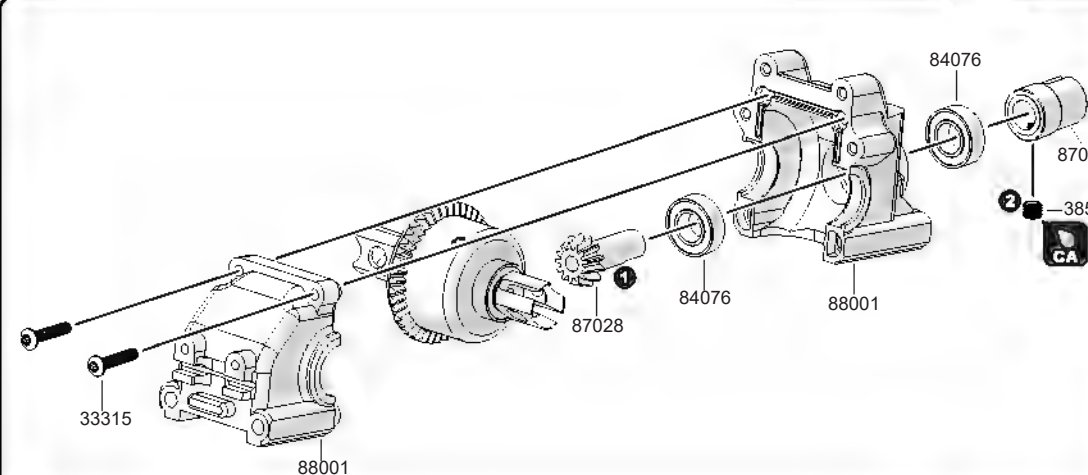
33315
M3x15 x4
B/H Screw



84076
8x16x5mm x4
Ball Bearing

Front / Rear Gear Box Assembly

x2



3



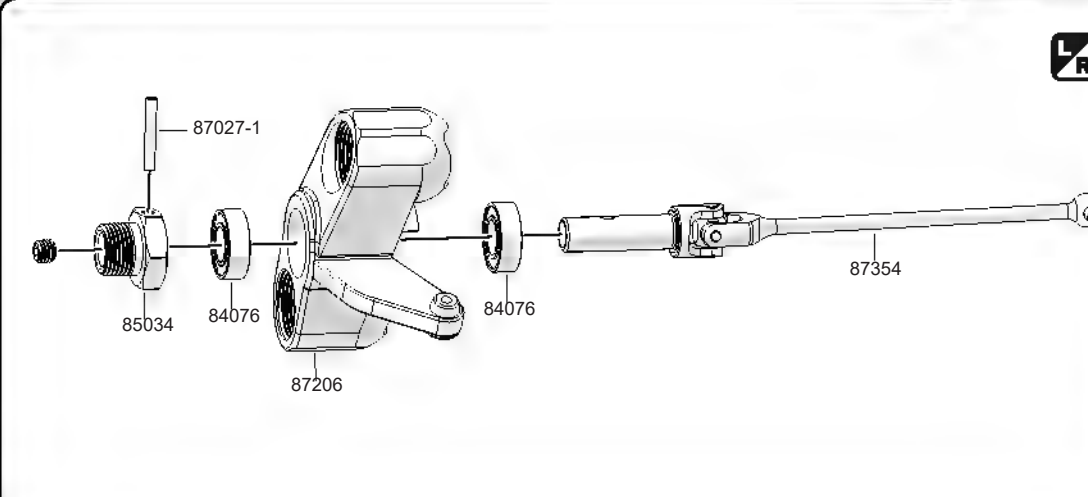
87027-1
2.5x16.8mm x4
Shaft



84076
8x16x5mm x4
Ball Bearing

Front Pivot Ball Steering And CVA Shaft Assembly

x2



4



38408
M4x8 x2
Set Screw

5



87044S x2
Alum Collar



33315
M3x15 x3
B/H Screw



32320
M3x20 x2
Cap Screw

6



88002
M4x47 x2
B/H Screw

6



84078
6x10x3mm x4
Ball Bearing



31312
M3x12 x2
F/H Screw

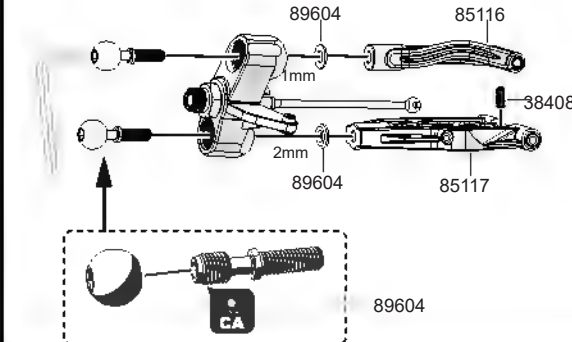


33308
M3x8 x1
B/H Screw

Front Ball Steering And Suspension Arm Assembly

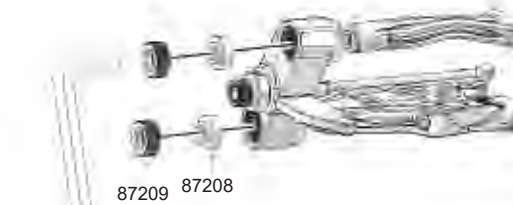
STEP 1

Hex Wrench 4mm

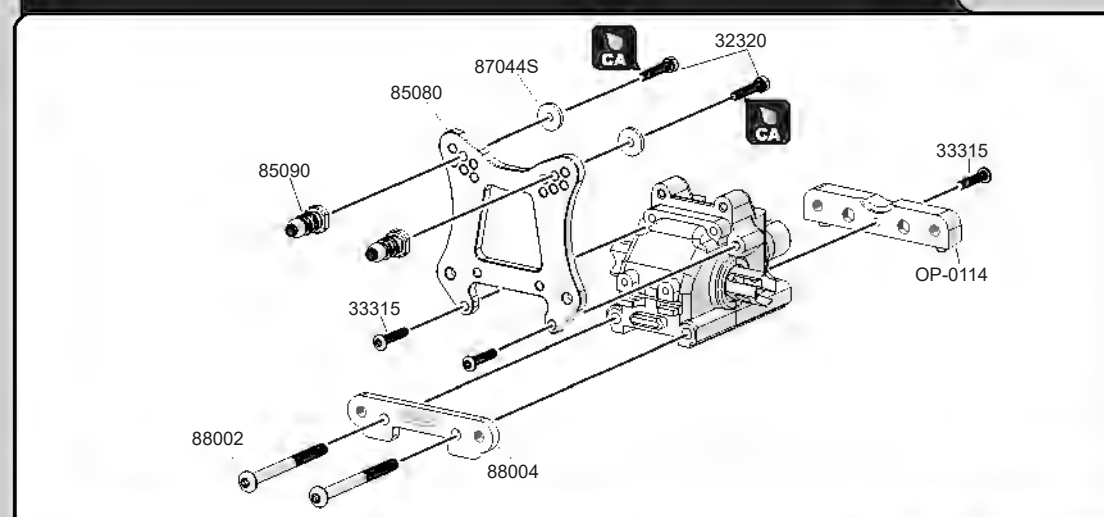


STEP 2

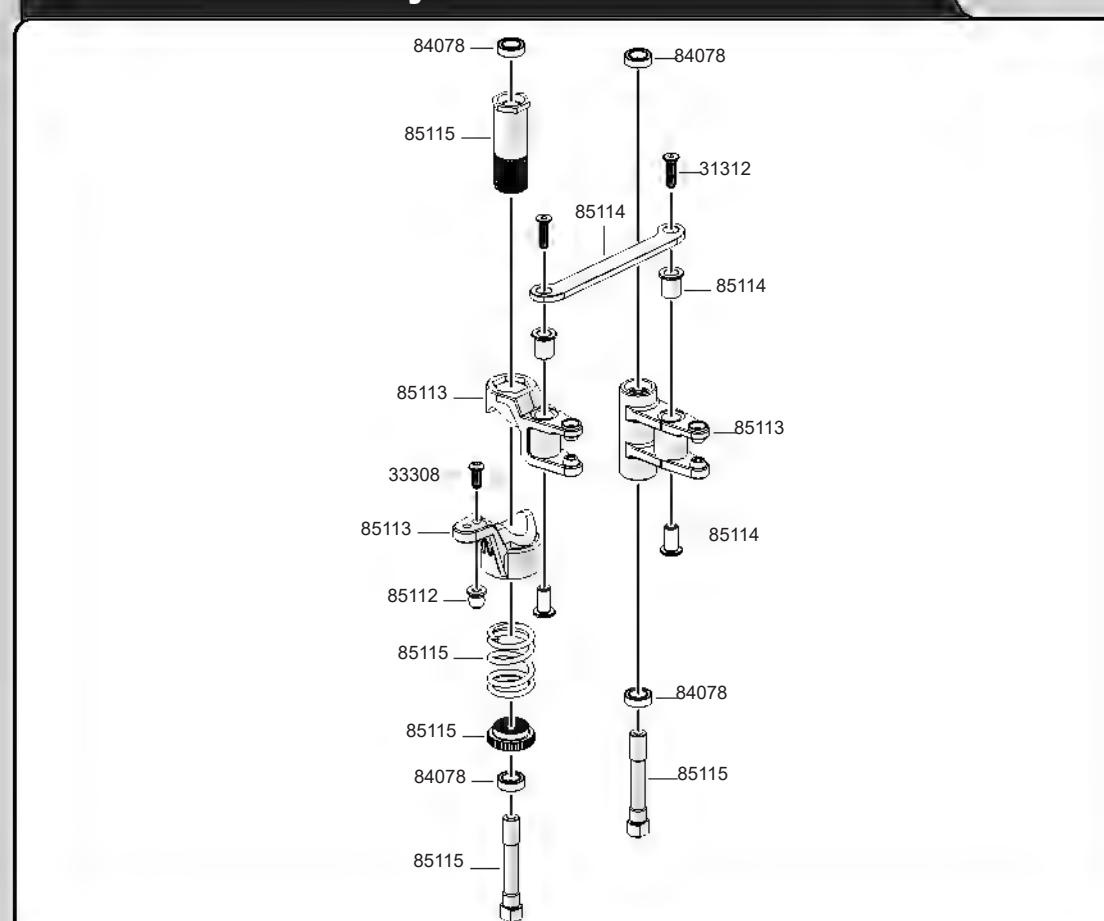
Hex Wrench 8mm



CNC Alum Front Shock Tower and Lower Arm Holder Assembly

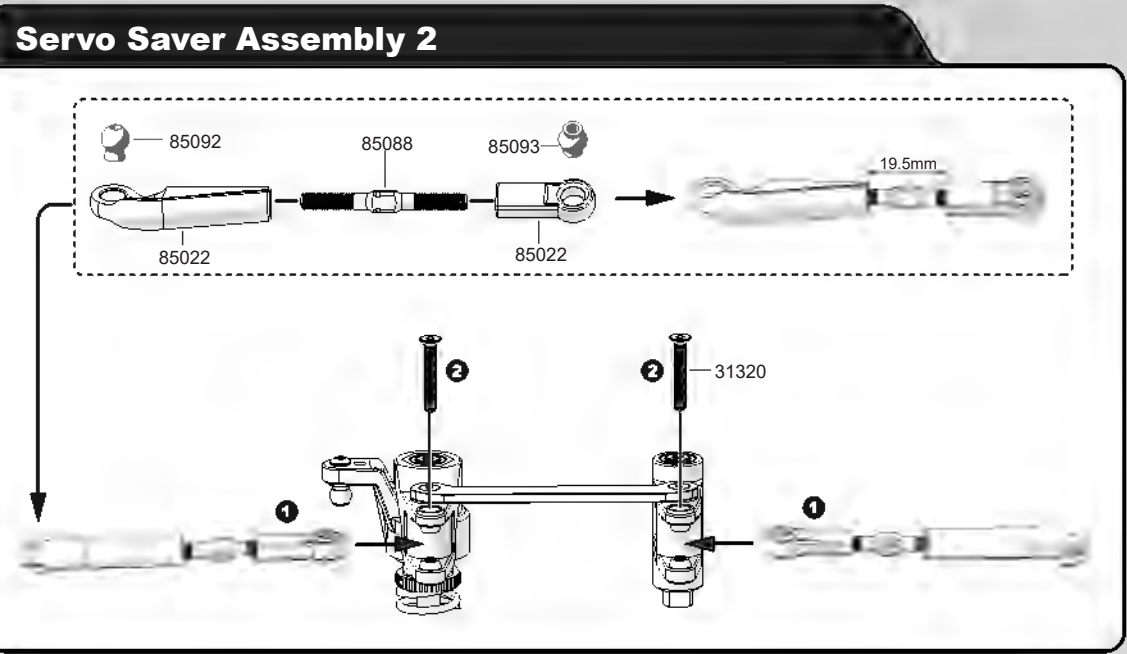


Servo Saver Assembly 1



7

31320
M3x20 x2
F/H Screw

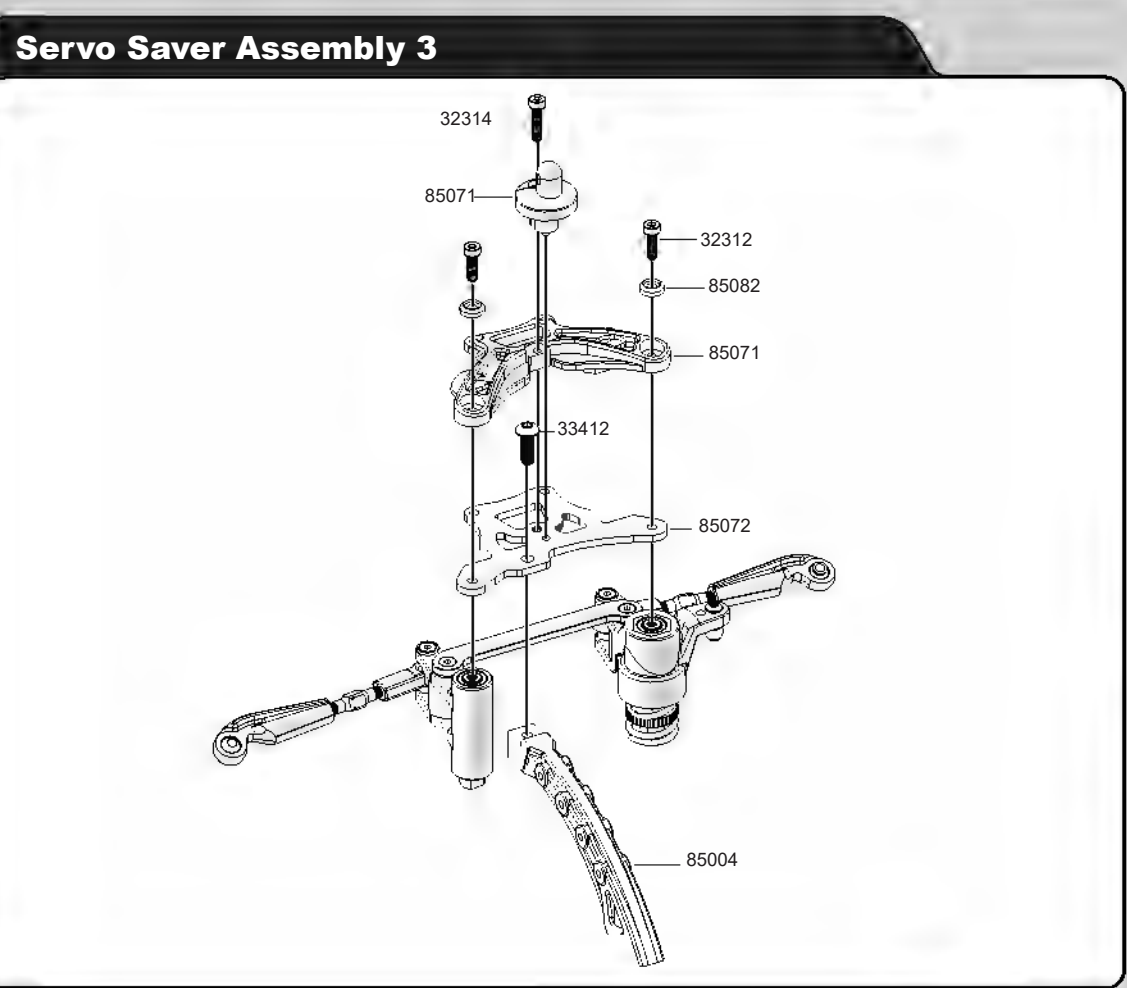


8

32314
M3x14 x1
Cap Screw

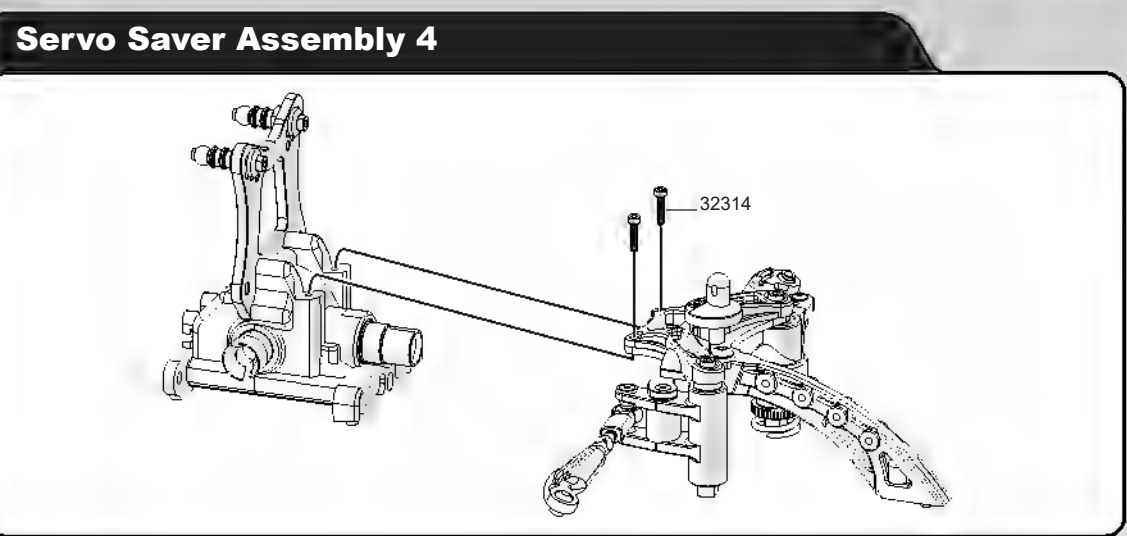
32312
M3x12 x2
Cap Screw

33412
M4x12 x1
B/H Screw



9

32314
M3x14 x2
Cap Screw



10

33315
M3x15 x2
B/H Screw

31320
M3x20 x2
F/H Screw

39008
M3 Nut x2

39008
M3 Nut x2

39008
M3 Nut x2

39008
M3 Nut x2

39008
M3 Nut x2

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39008
M3 Nut x2

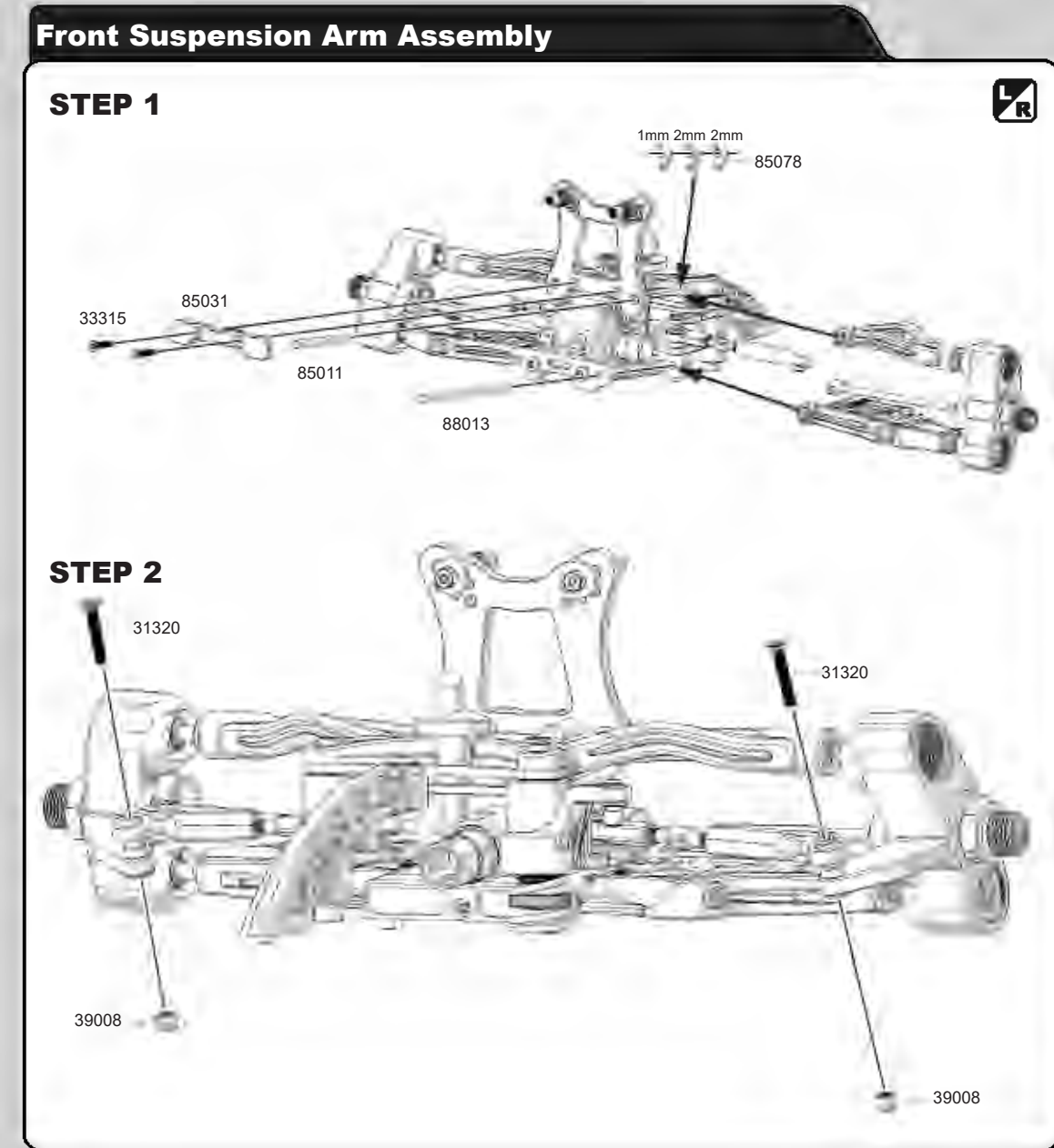
39008
M3 Nut x2

39008
M3 Nut x2

39008
M3 Nut x2

39008
M3 Nut x2

39008
M3 Nut x2



11

32320
M3x20 x2
Cap Screw

38303
M3x3 x2
Set Screw

38303
M3x3 x2
Set Screw

38303
M3x3 x2
Set Screw

38303
M3x3 x2
Set Screw

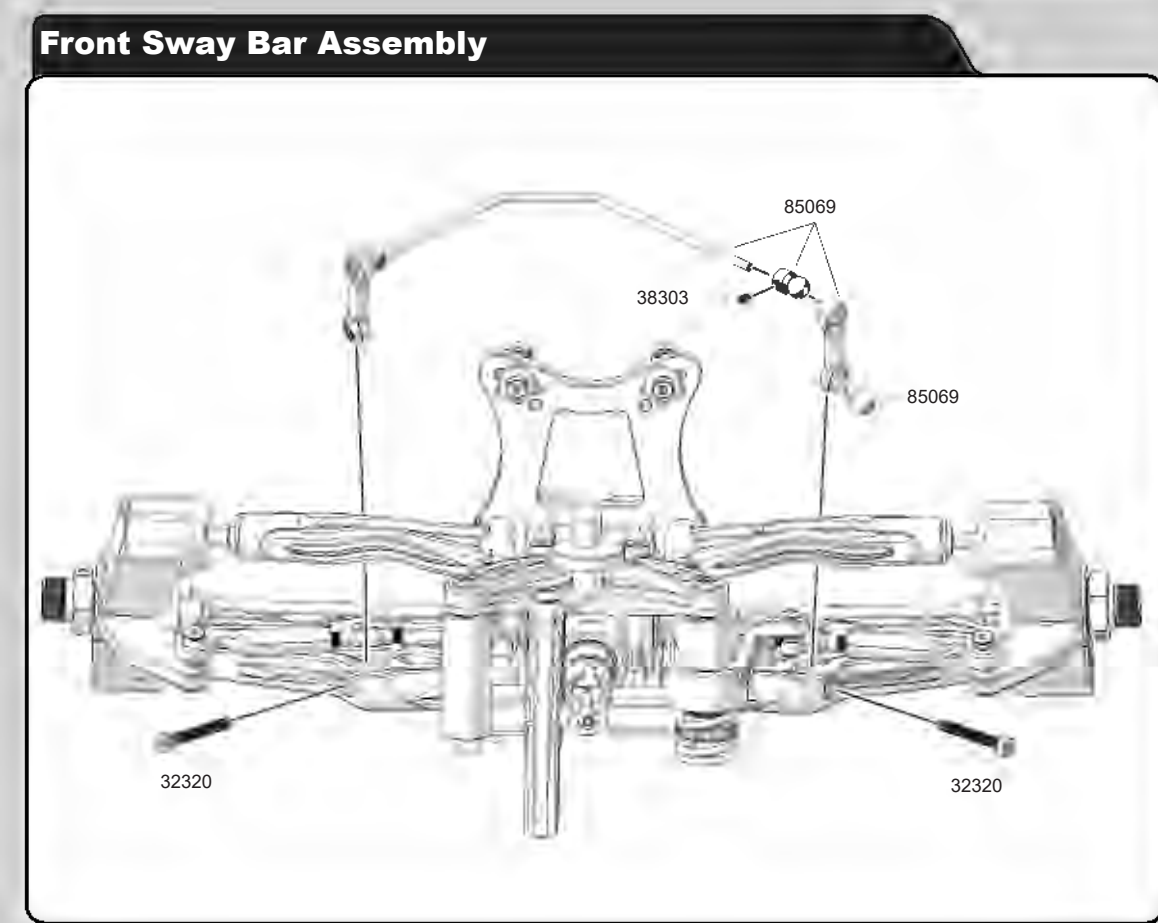
38303
M3x3 x2
Set Screw

38303
M3x3 x2
Set Screw

38303
M3x3 x2
Set Screw

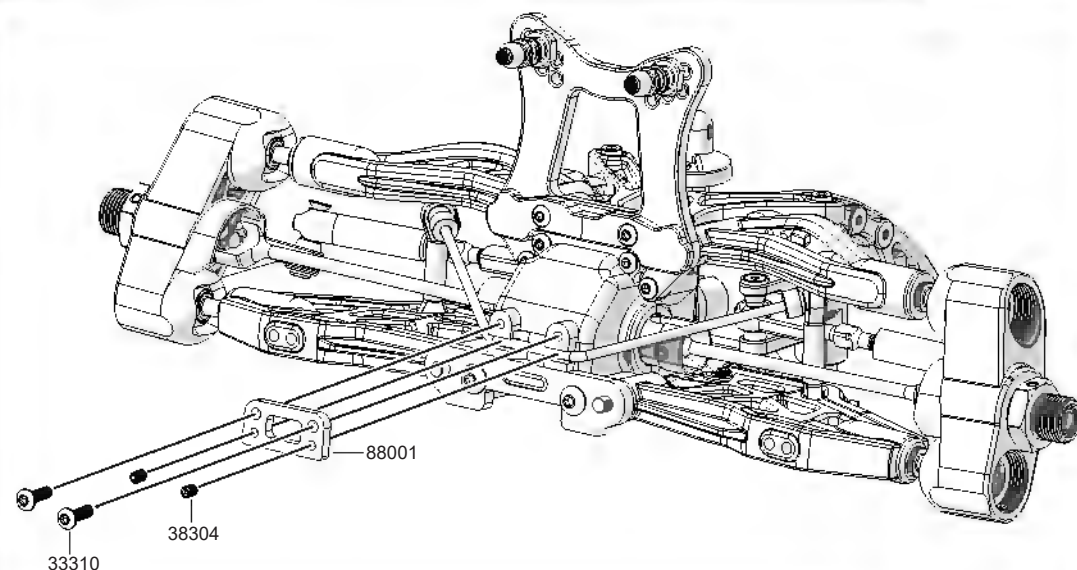
38303
M3x3 x2
Set Screw

38303
M3x3 x2
Set Screw



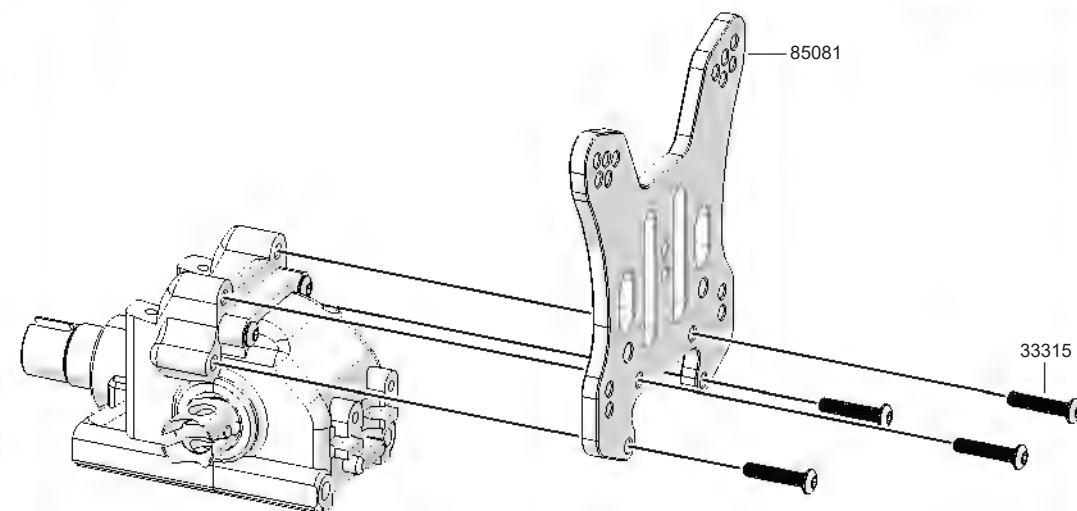
12

Front Sway Bar Assembly

38304
M3x4 x2
Set Screw33310
M3x10 x2
B/H Screw

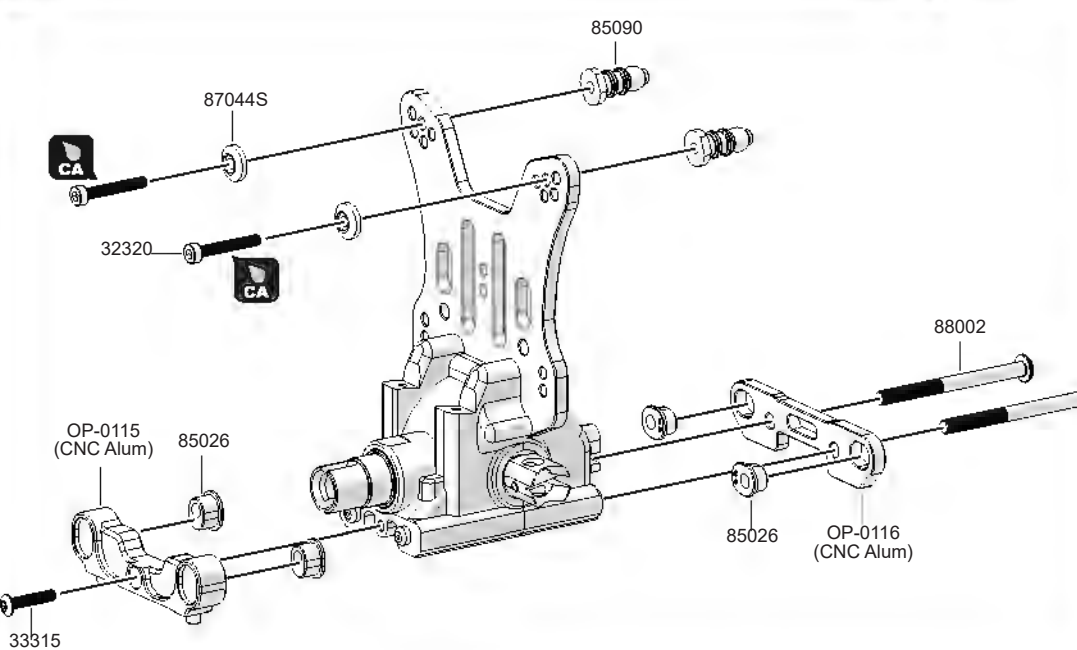
13

CNC Alum Rear Shock Tower And Gear Box Assembly

33315
M3x15 x4
B/H Screw

14

CNC Shock Tower And Lower Arm Holder Assembly

32320
M3x20 x2
Cap Screw87044S
Alum Collar x233315
M3x15 x4
B/H Screw88002
M4x47 x2
B/H Screw

05

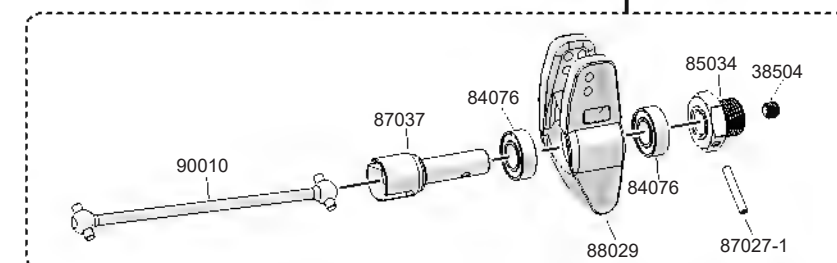
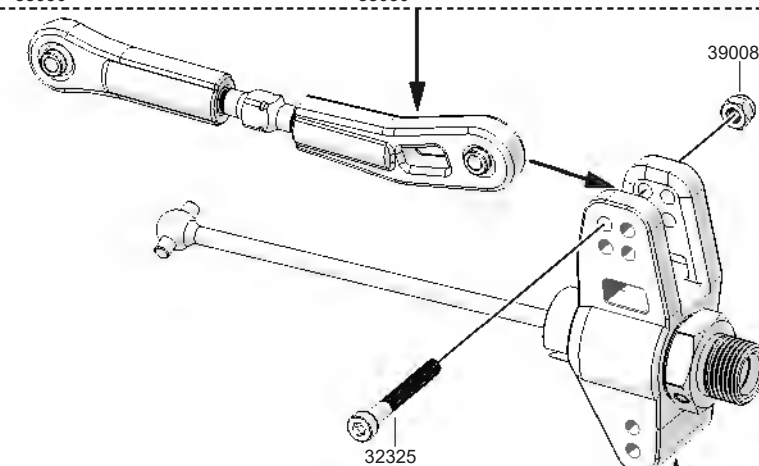
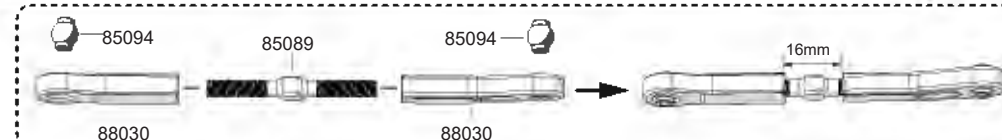
15

39008
M3 Nut x238504
M5x4 x2
Set Screw84076
8x16x5mm x4
Ball Bearing32325
M3x25 x2
Cap Screw

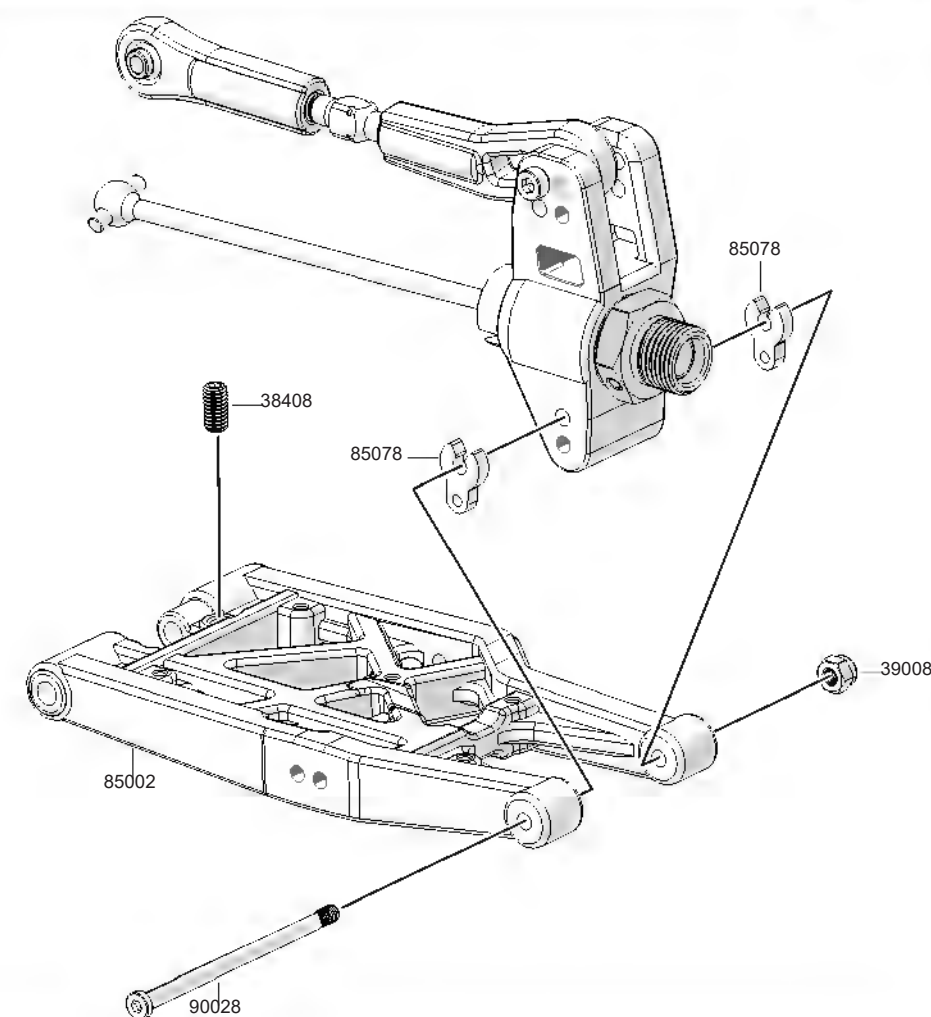
16

38408
M4x8 x2
Set Screw39008
M3 Nut x290028
M3x50 x2
Cap Screw

Rear Suspension Arm And Axle Assembly 1



Rear Suspension Arm And Axle Assembly 2

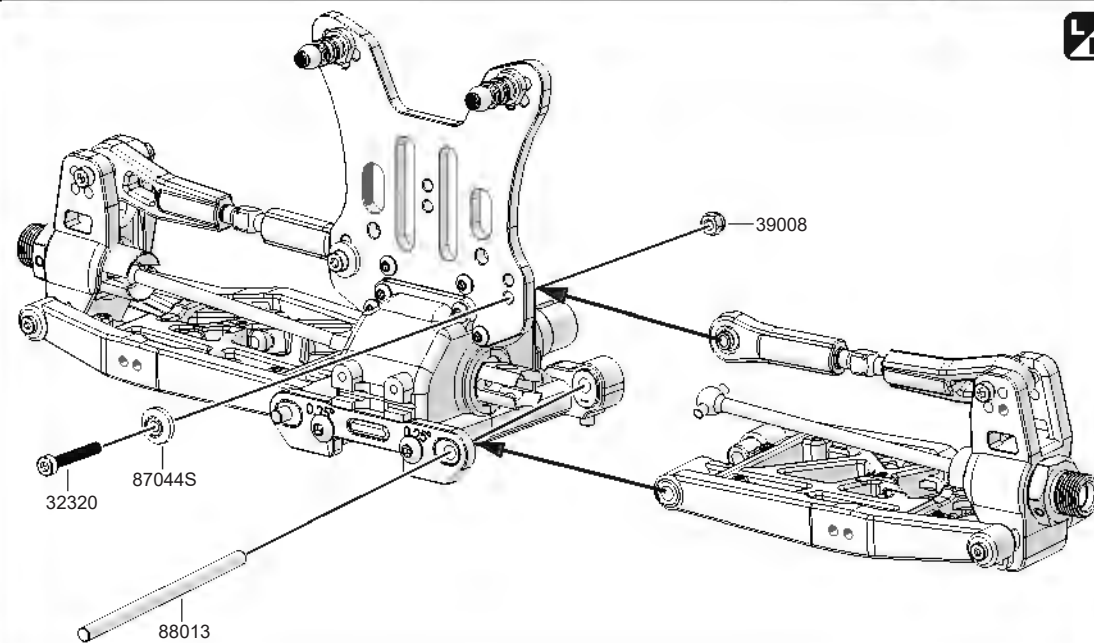


06

17

Rear Suspension Arm Assembly

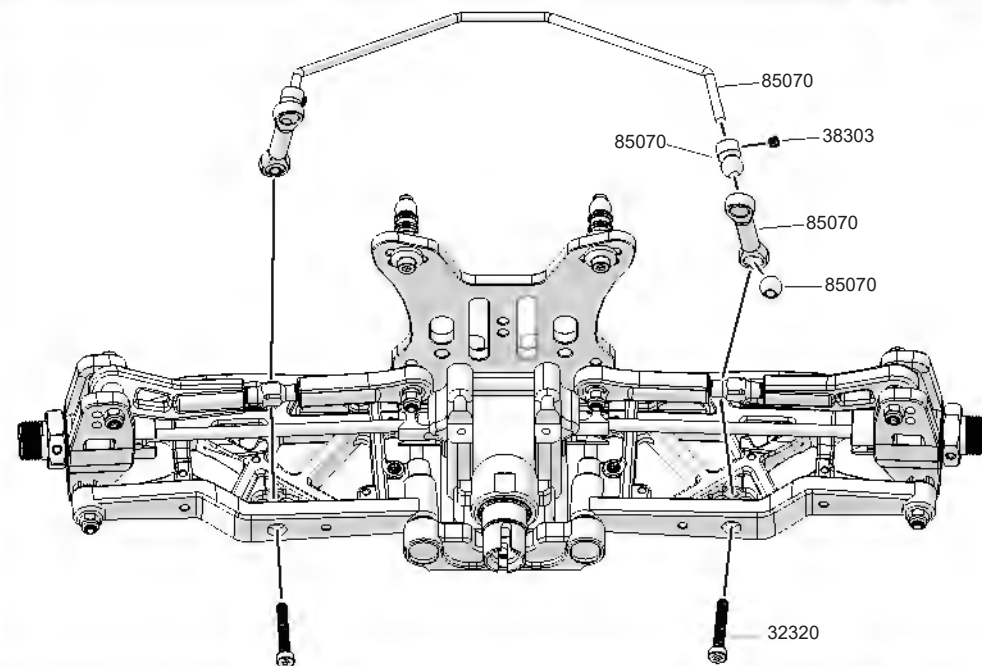
- 32320
M3x20 x2
Cap Screw
- 39008
M3 Nut x2
- 87044S
Alum Collar x2



18

Rear Sway Bar Assembly 1

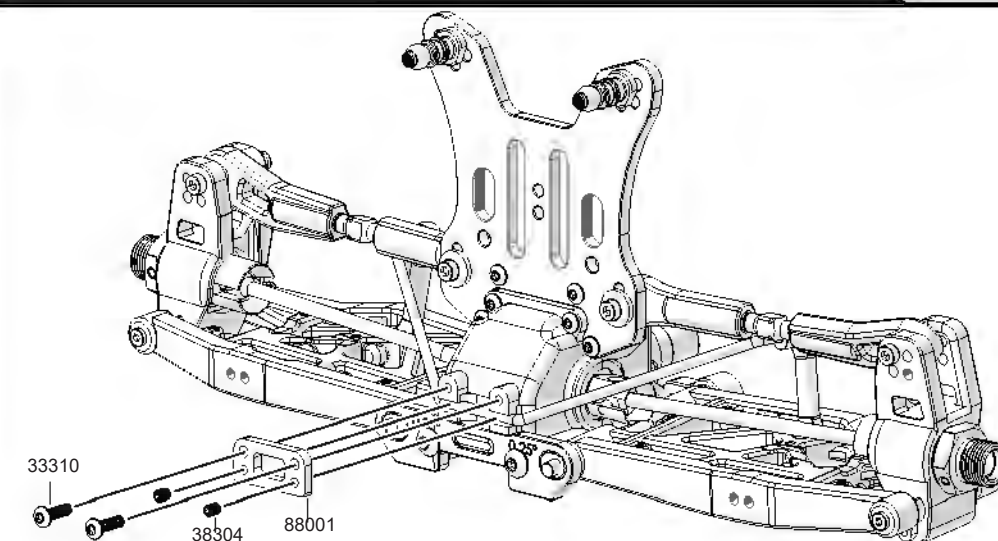
- 32320
M3x20 x2
Cap Screw
- 38303
M3x3 x2
Set Screw



19

Rear Sway Bar Assembly 2

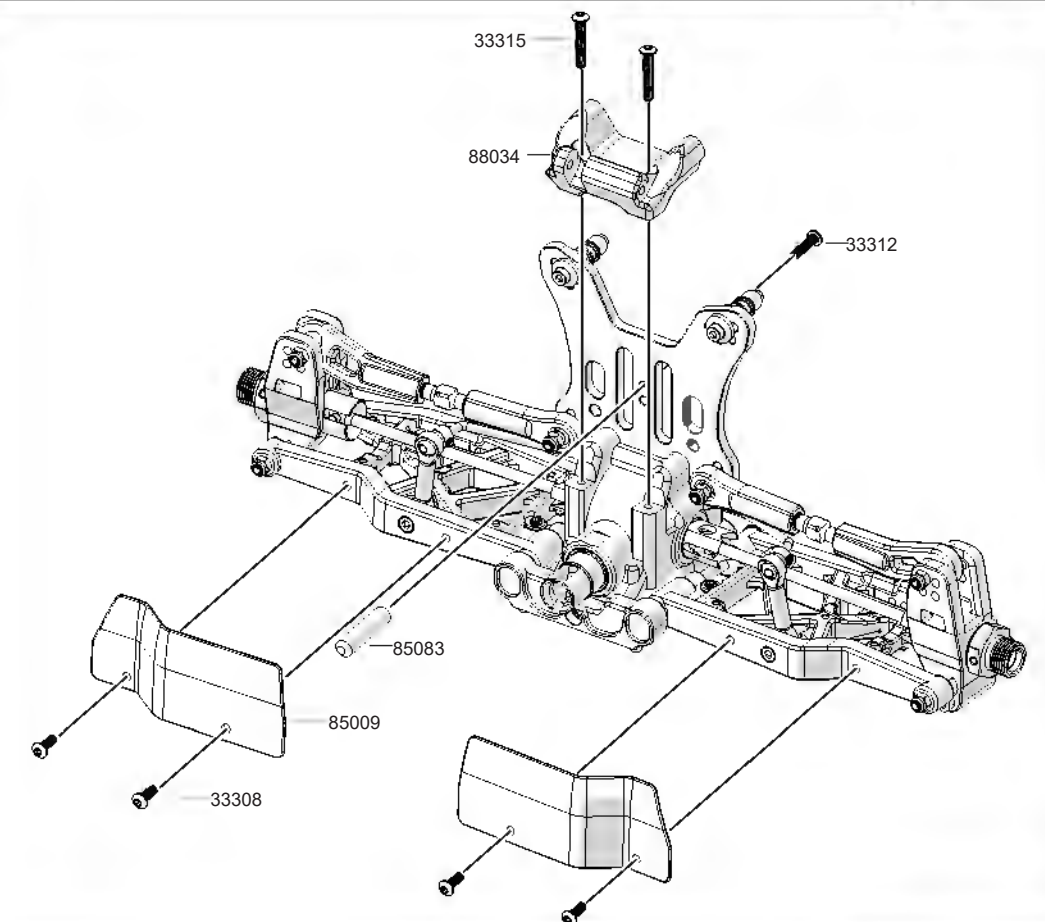
- 33310
M3x10 x2
B/H Screw
- 38304
M3x4 x2
Set Screw



20

Rear Body Mount And Mud Guard Assembly

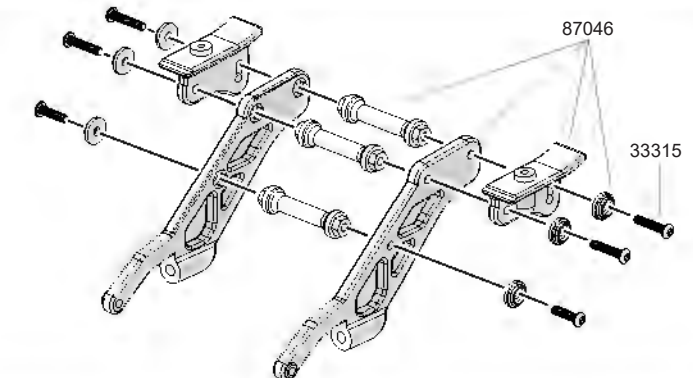
- 33308
M3x8 x4
B/H Screw
- 33315
M3x15 x2
B/H Screw
- 33312
M3x12 x1
B/H Screw



21

Wing Mount Assembly 1

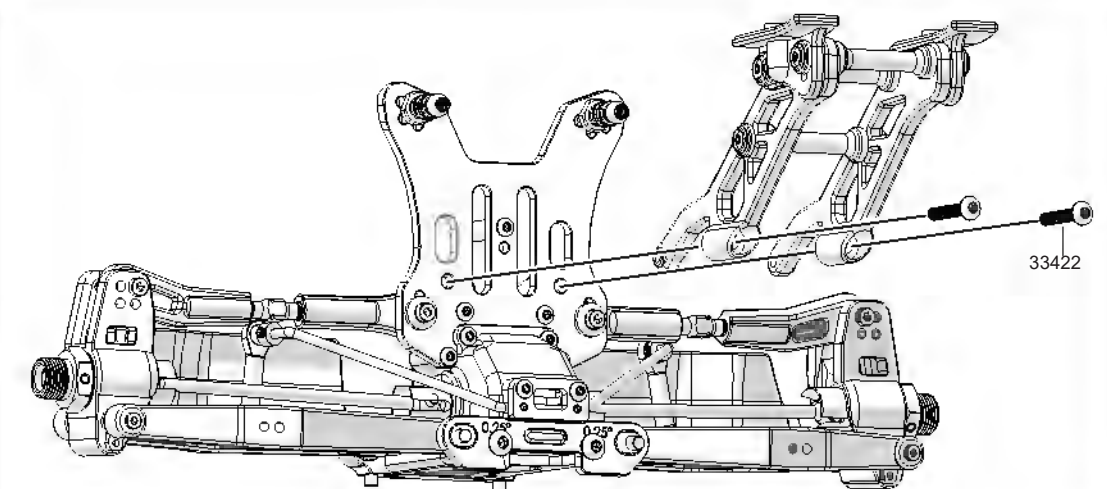
- 33315
M3x15 x6
B/H Screw



22

Wing Mount Assembly 2

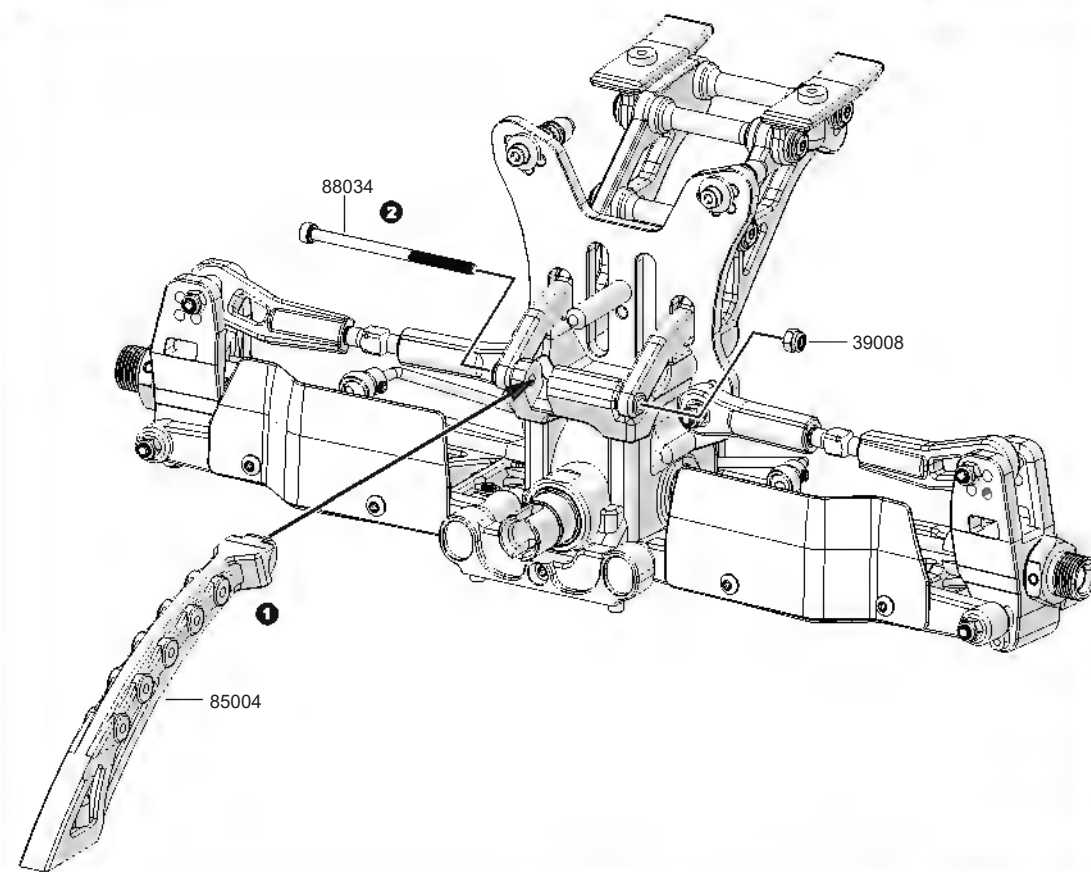
- 33422
M4x22 x2
B/H Screw



23

39008
M3 Nut x188034
M3x50 x1
Cap Screw

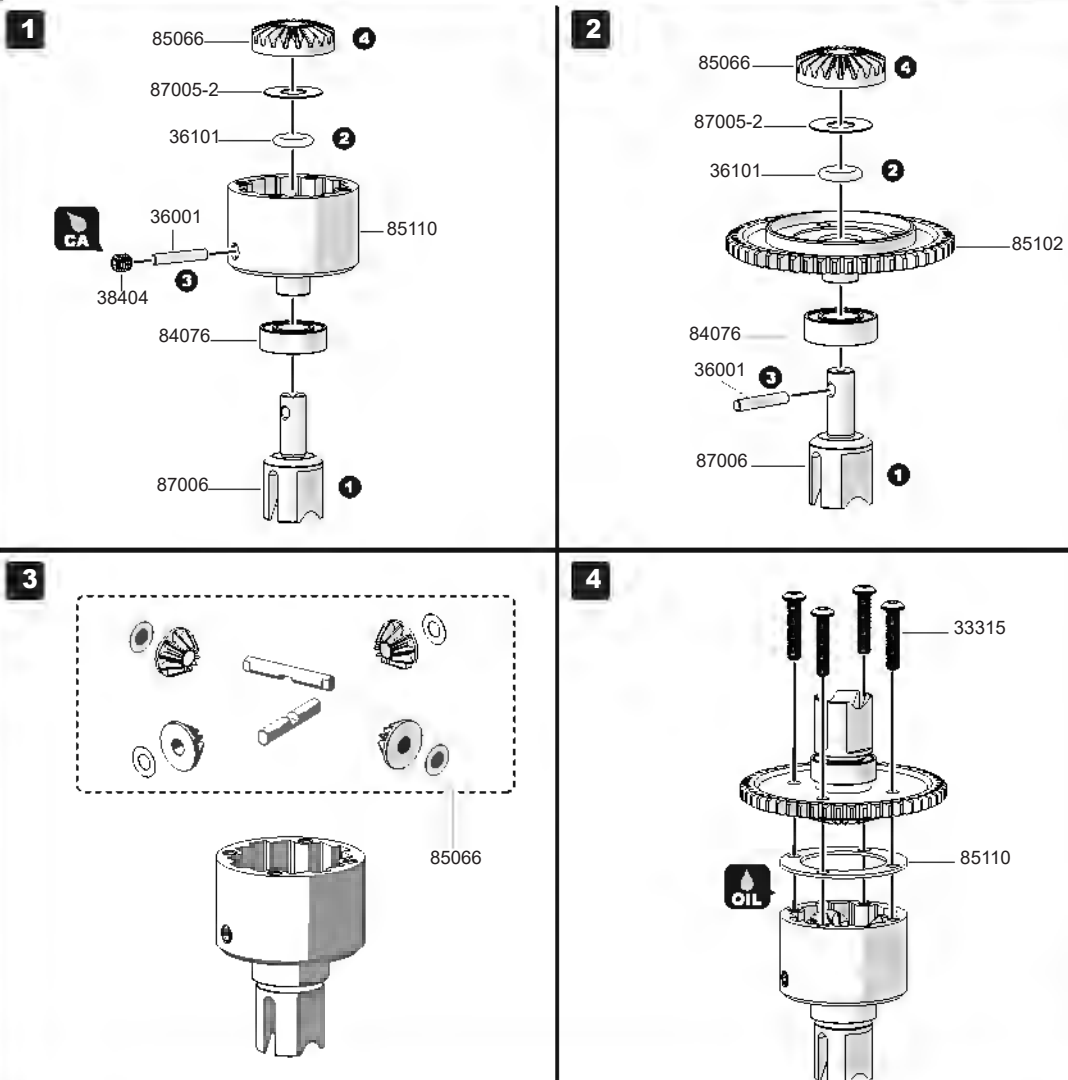
Rear Chassis Brace Assembly



24

85066
4.1x8x0.1mm x8
Washer87005-1
6.2x13.9x0.3mm x2
Washer36101
5.8x1.9mm x2
O-ring38404
M4x4 x1
Set Screw31315
M3x15 x4
B/H Screw36001
2.5x13.8mm x2
Shaft84076
8x16x5mm x2
Ball Bearing

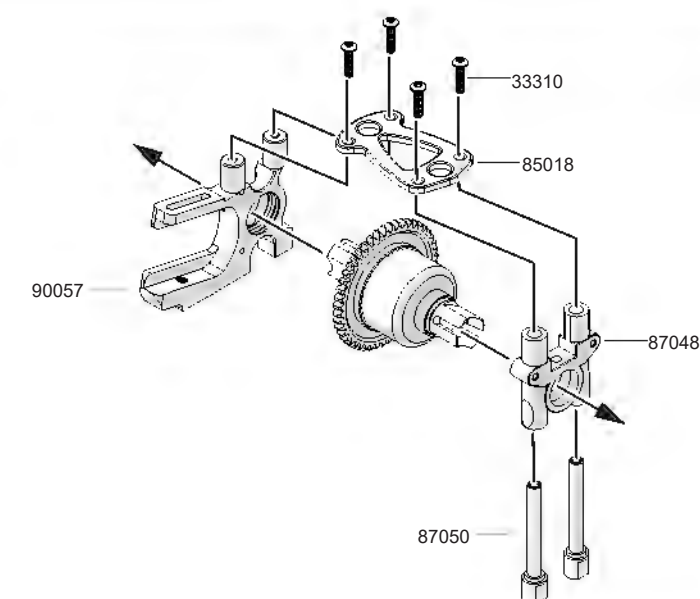
Center Differential Assembly 1



25

33310
M3x10 x4
B/H Screw

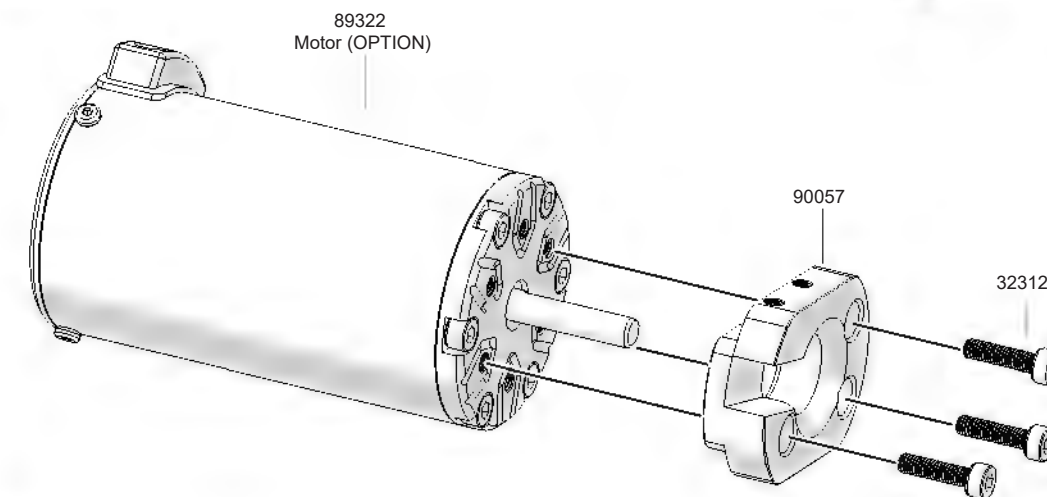
Center Differential Assembly 2



26

32312
M3x12 x3
Cap Screw

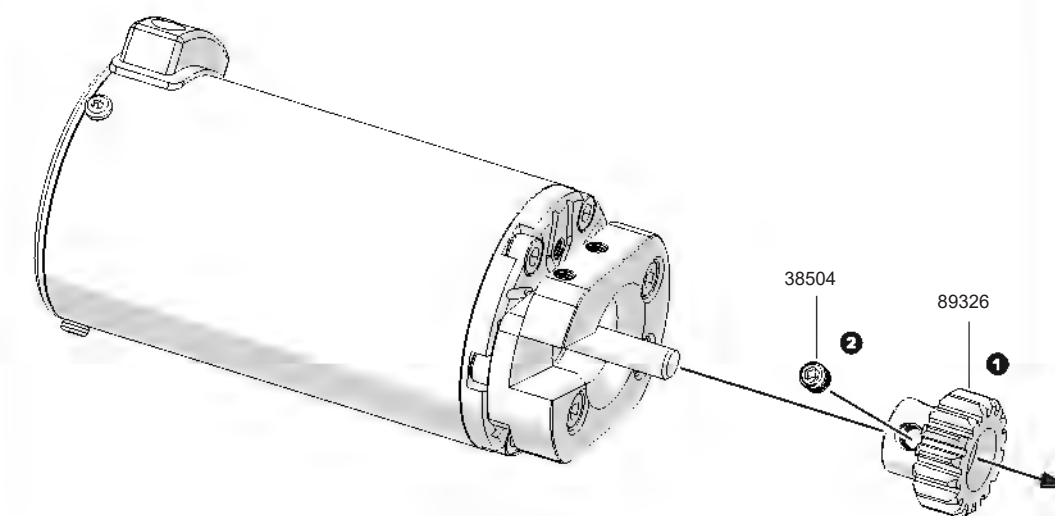
Motor Mount Assembly 1



27

38504
M5x4 x1
Set Screw

Motor Mount Assembly 2



28

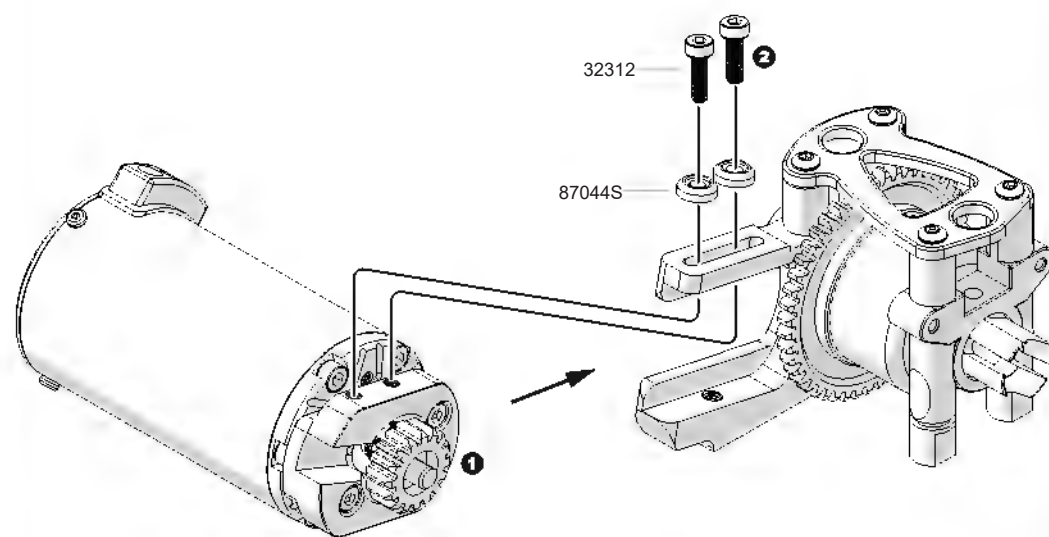


32312
M3x12 x2
Cap Screw



87044S x2
Alum Collar

Center Differential And Motor Mount Assembly



29

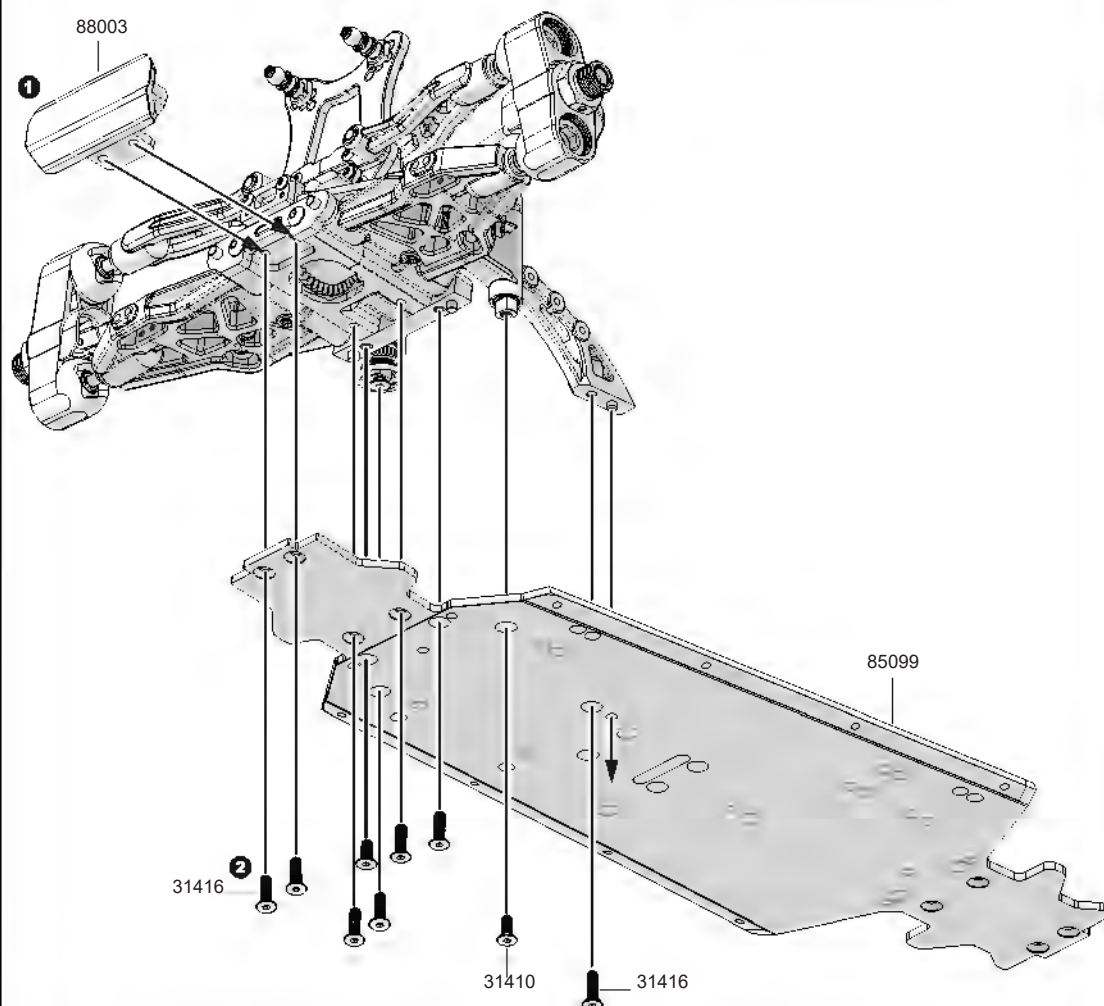


31410
M4x10 x4
F/H Screw



31416
M4x16 x5
F/H Screw

Front Clip Assembly



30

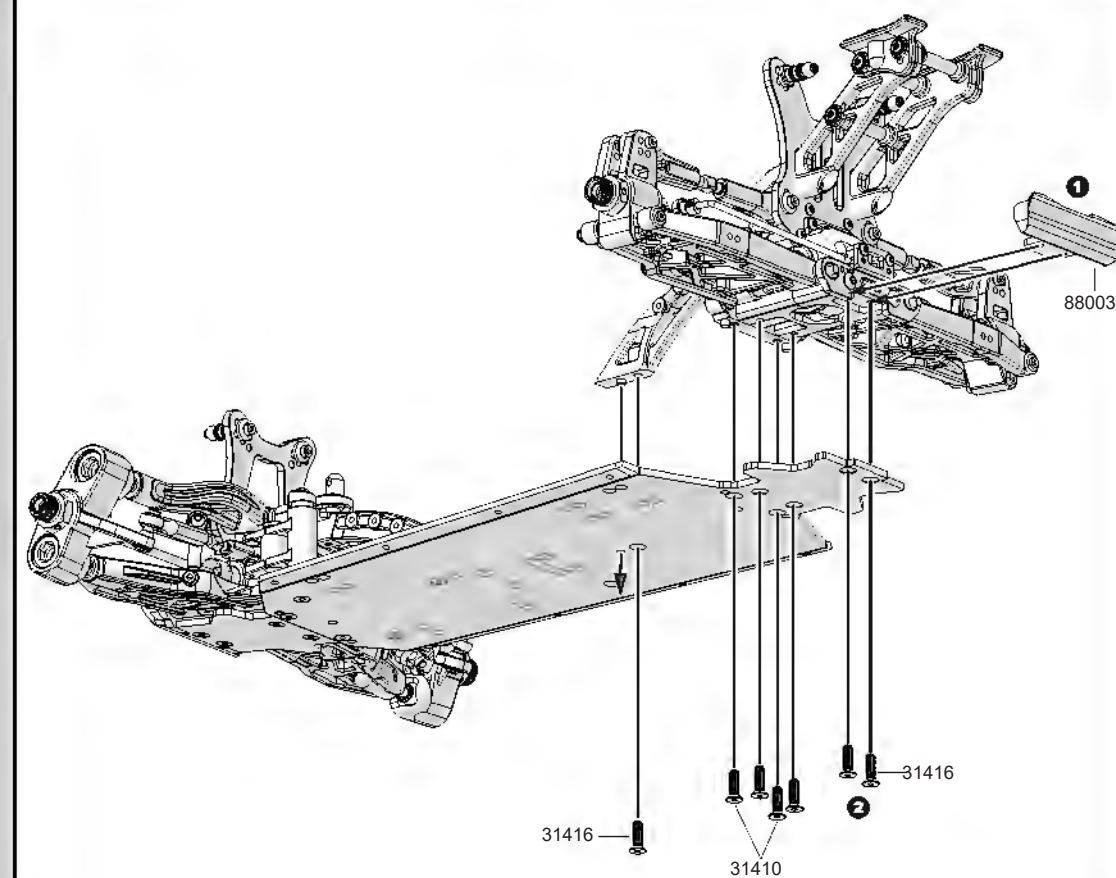


31410
M4x10 x2
F/H Screw



31416
M4x16 x5
F/H Screw

Rear Clip Assembly

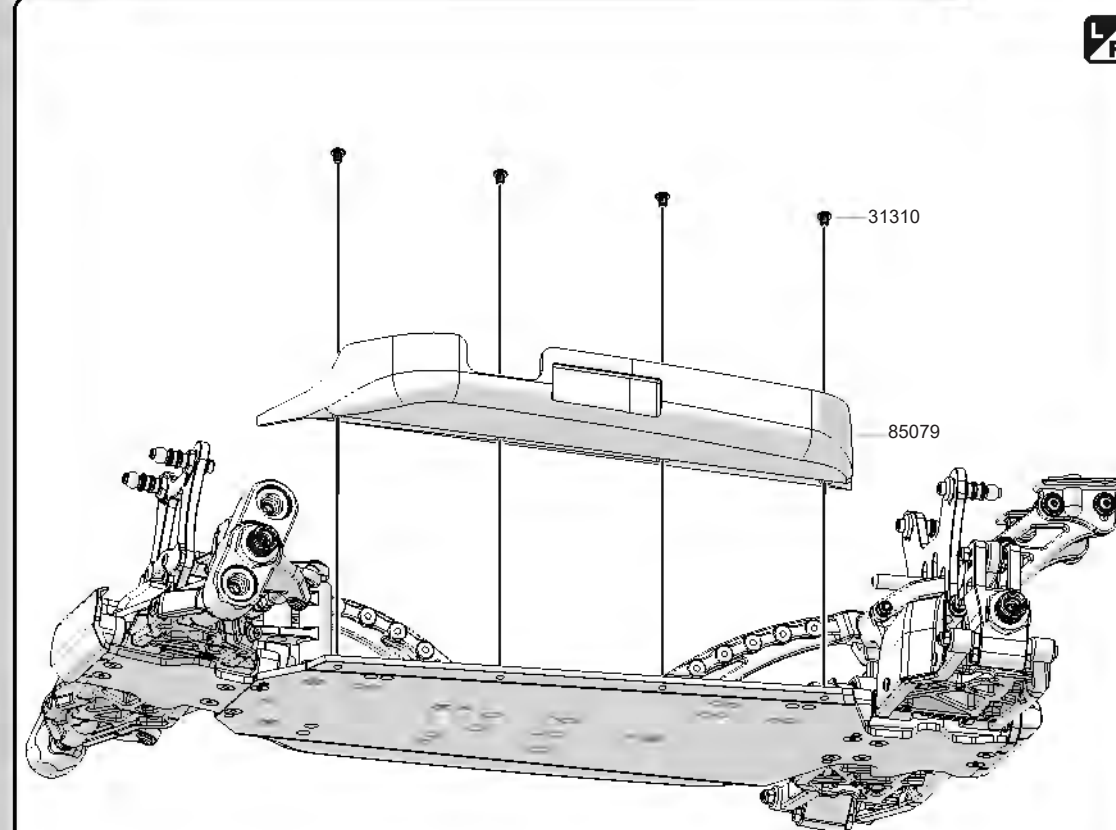


31



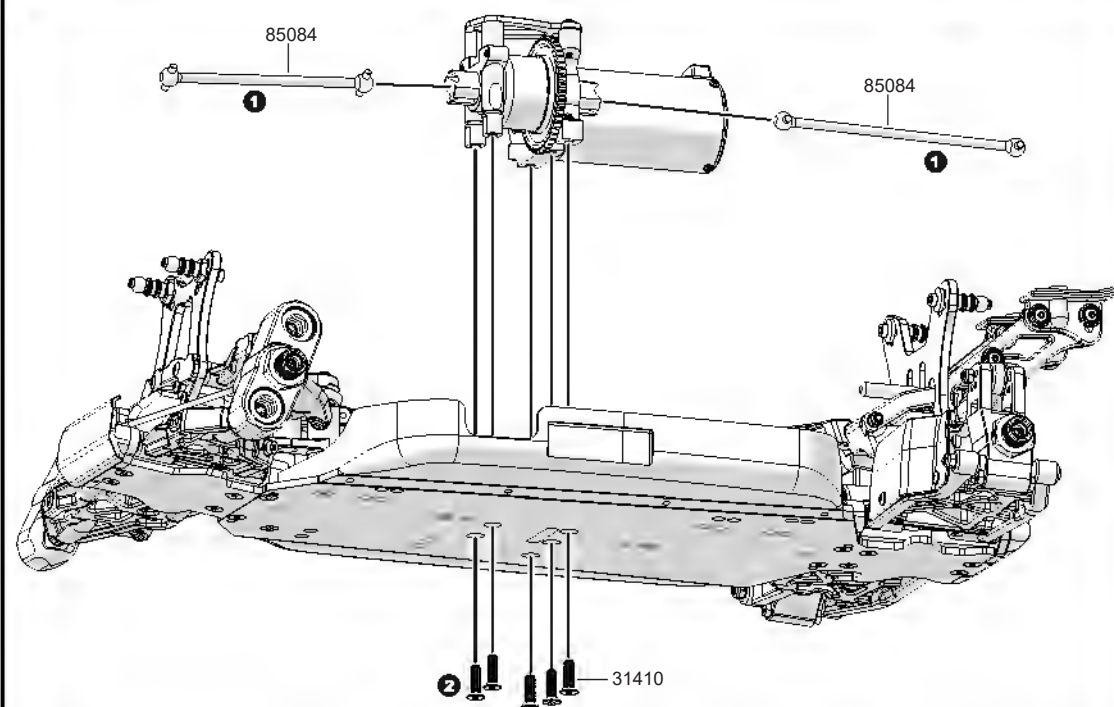
33305
M3x5 x8
B/H Screw

Side Guard Assembly



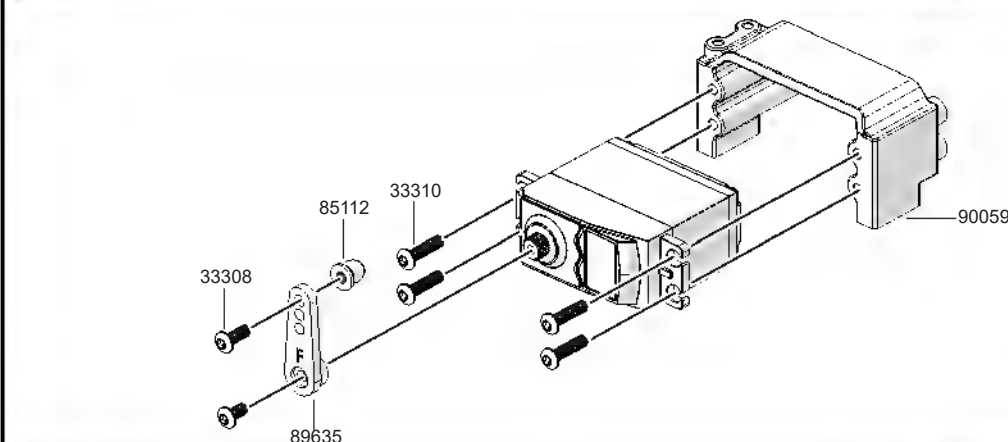
32

Center Drive Shaft And Motor Unit Assembly



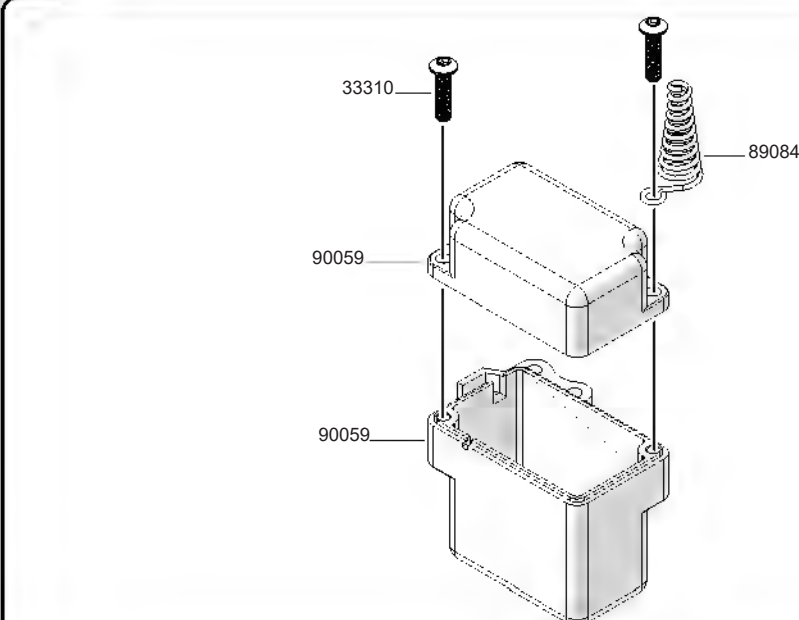
33

Steering Servo Assembly



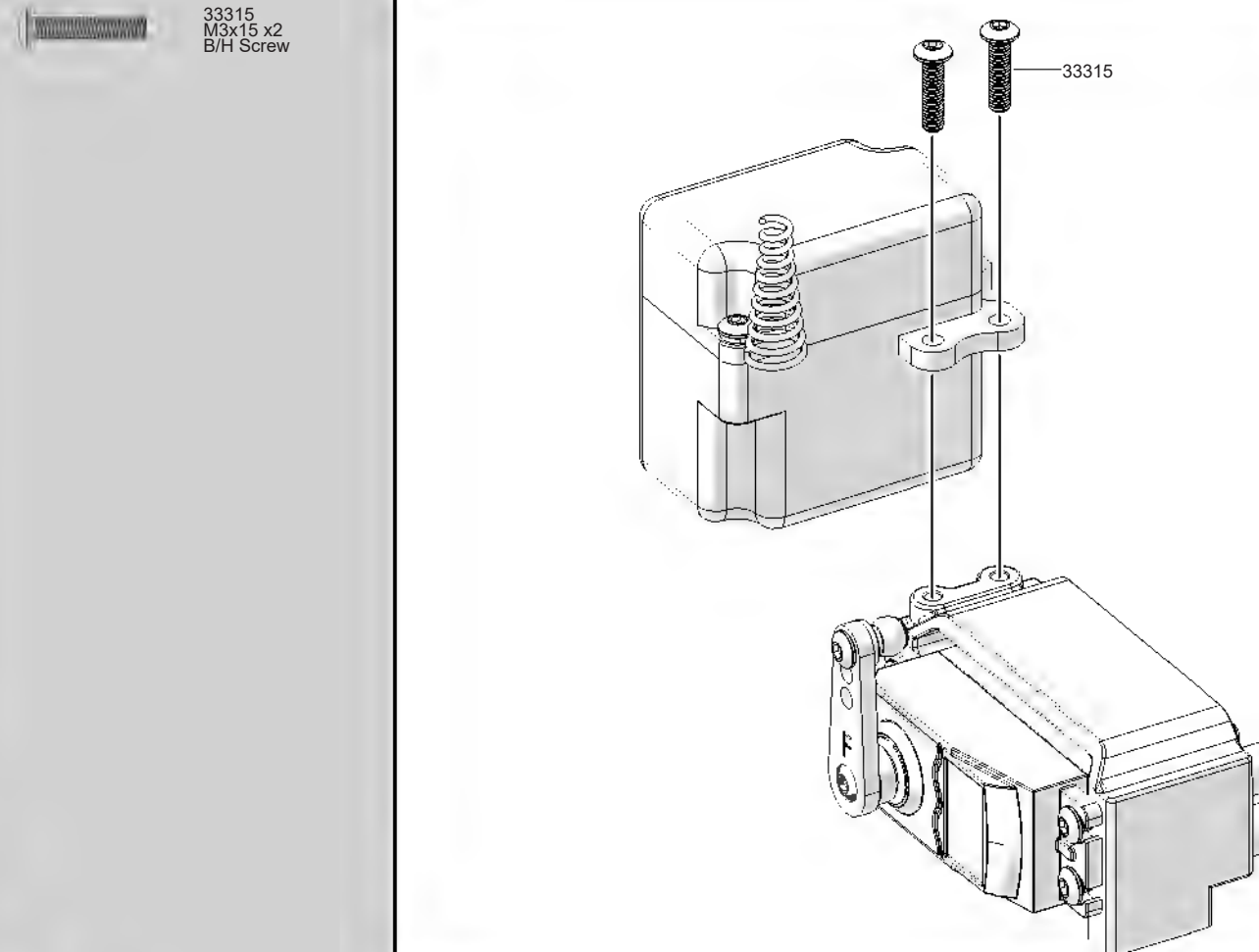
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Receive Box Assembly



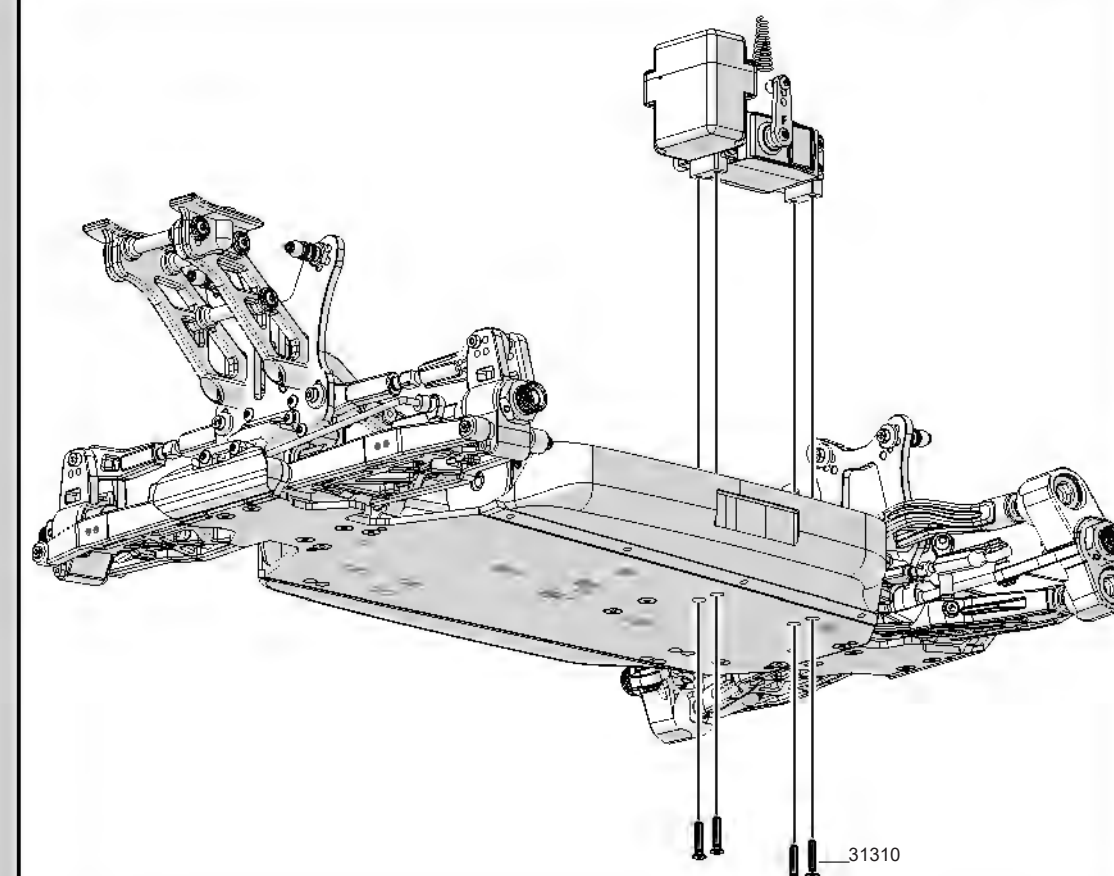
35

Receive Box & Steering Servo Assembly

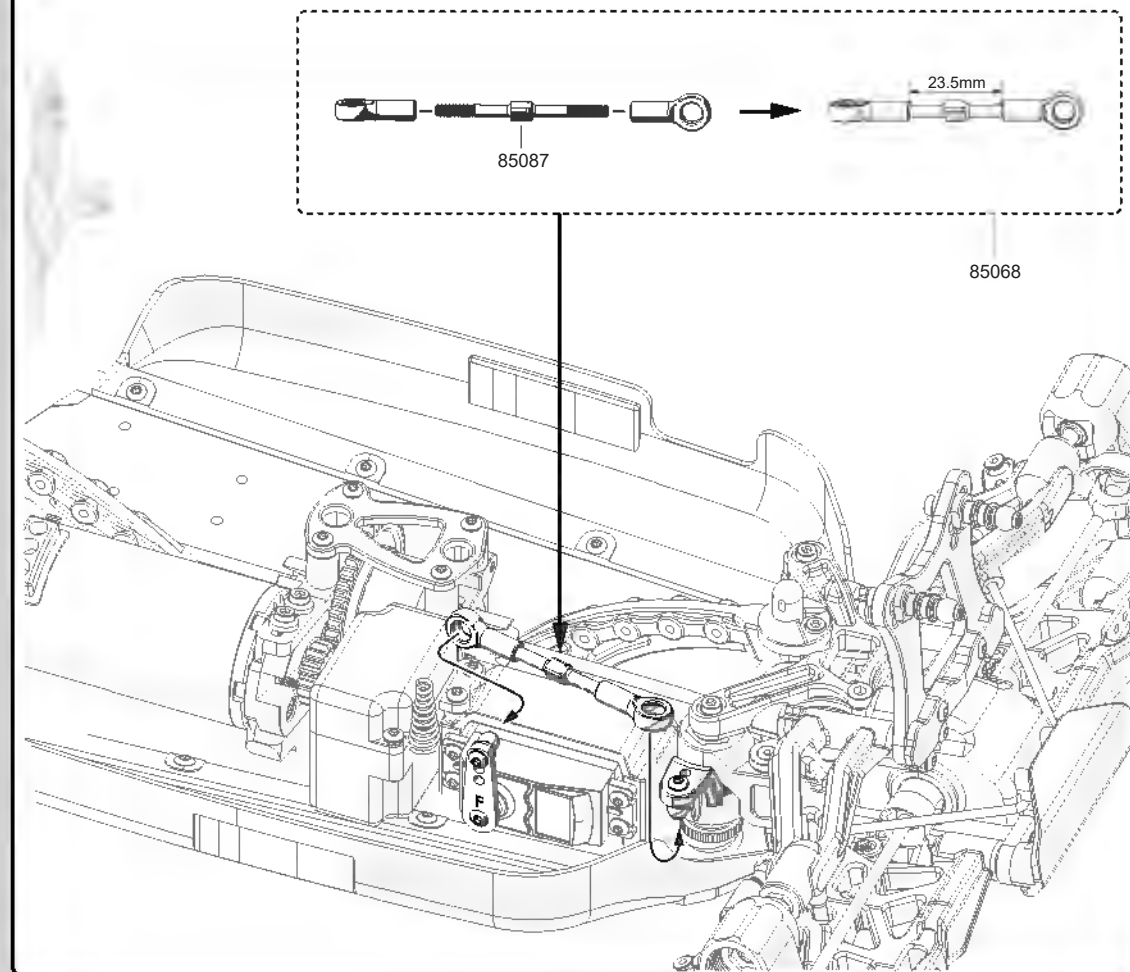


36

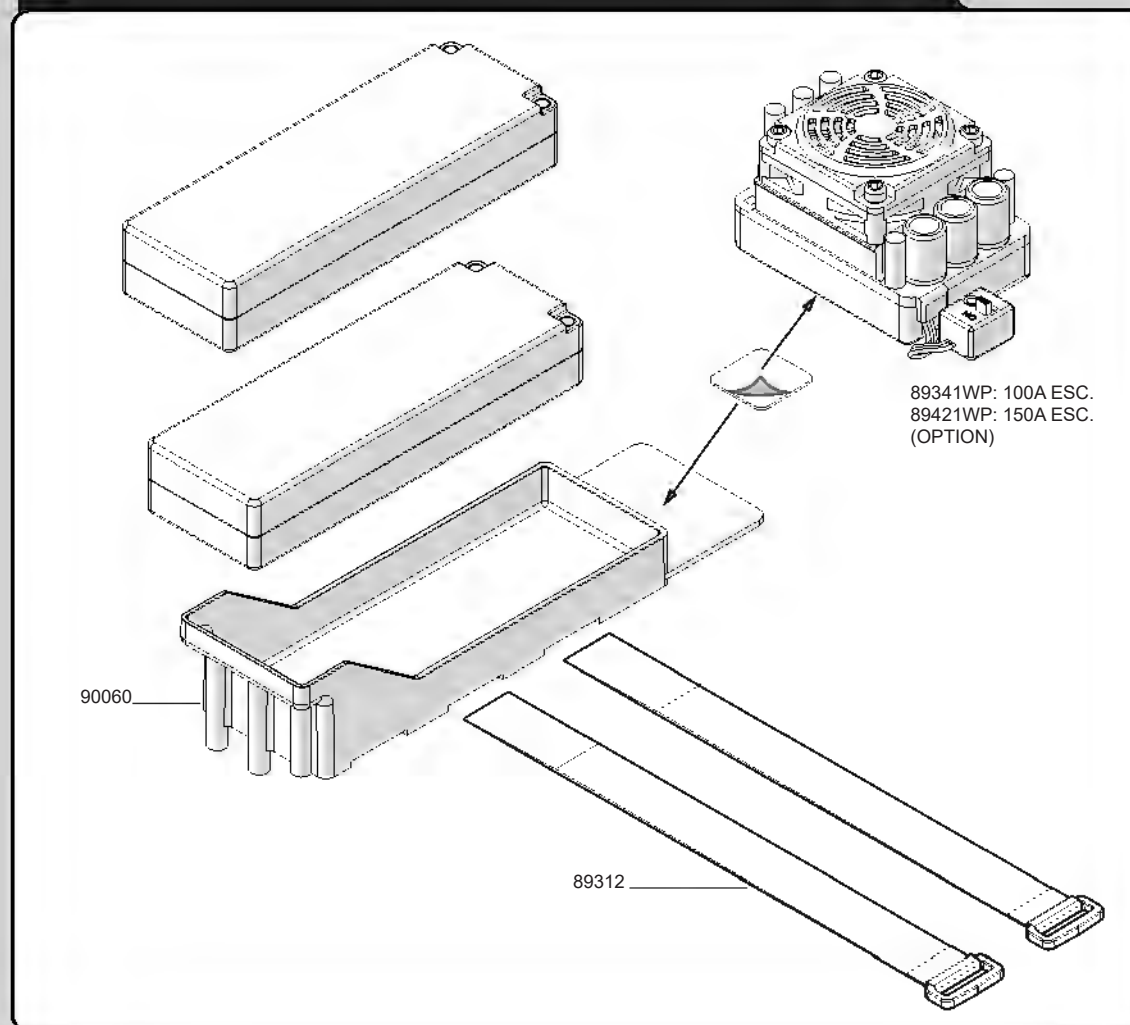
Receive Box And Steering Servo Assembly



Steering Servo Linkage Assembly



Battery Tray And Electric Speed Controller Assembly



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

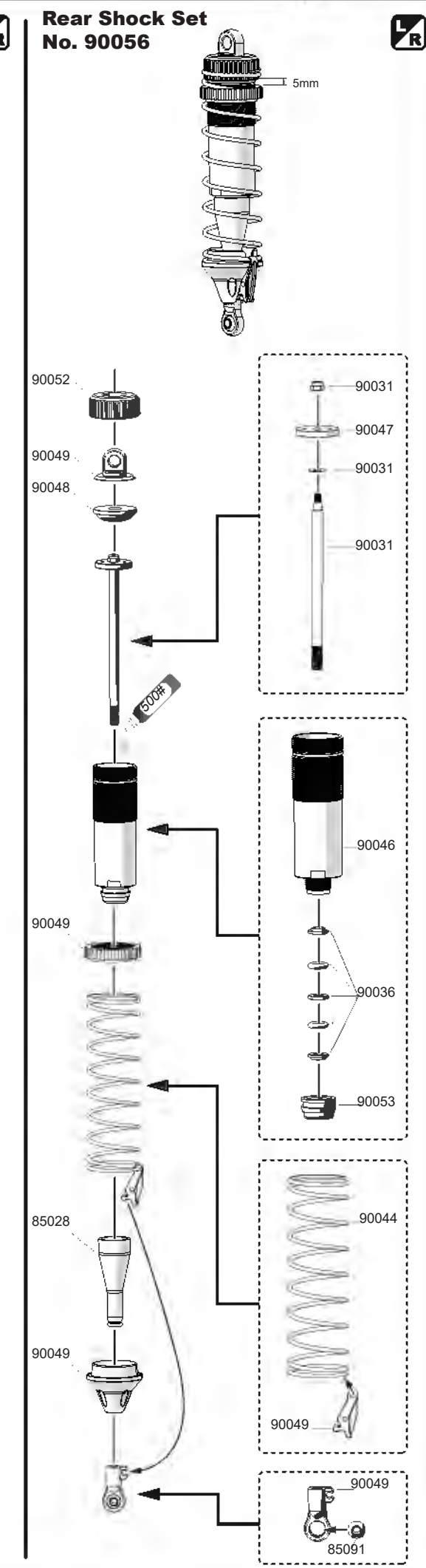
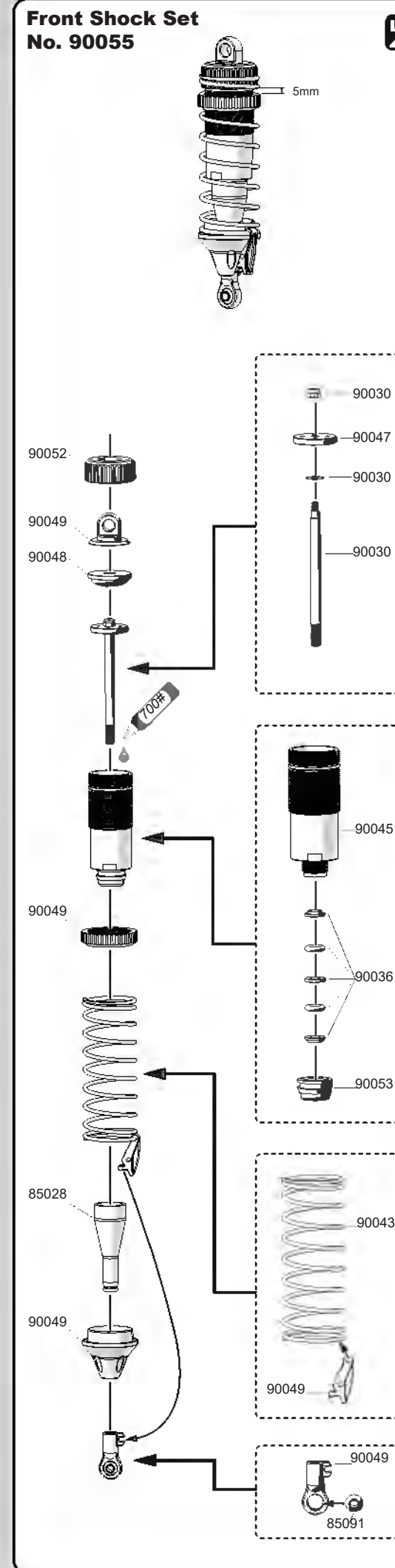


30004
6.8mm x4
Ball



90047
3x17x2.4mm

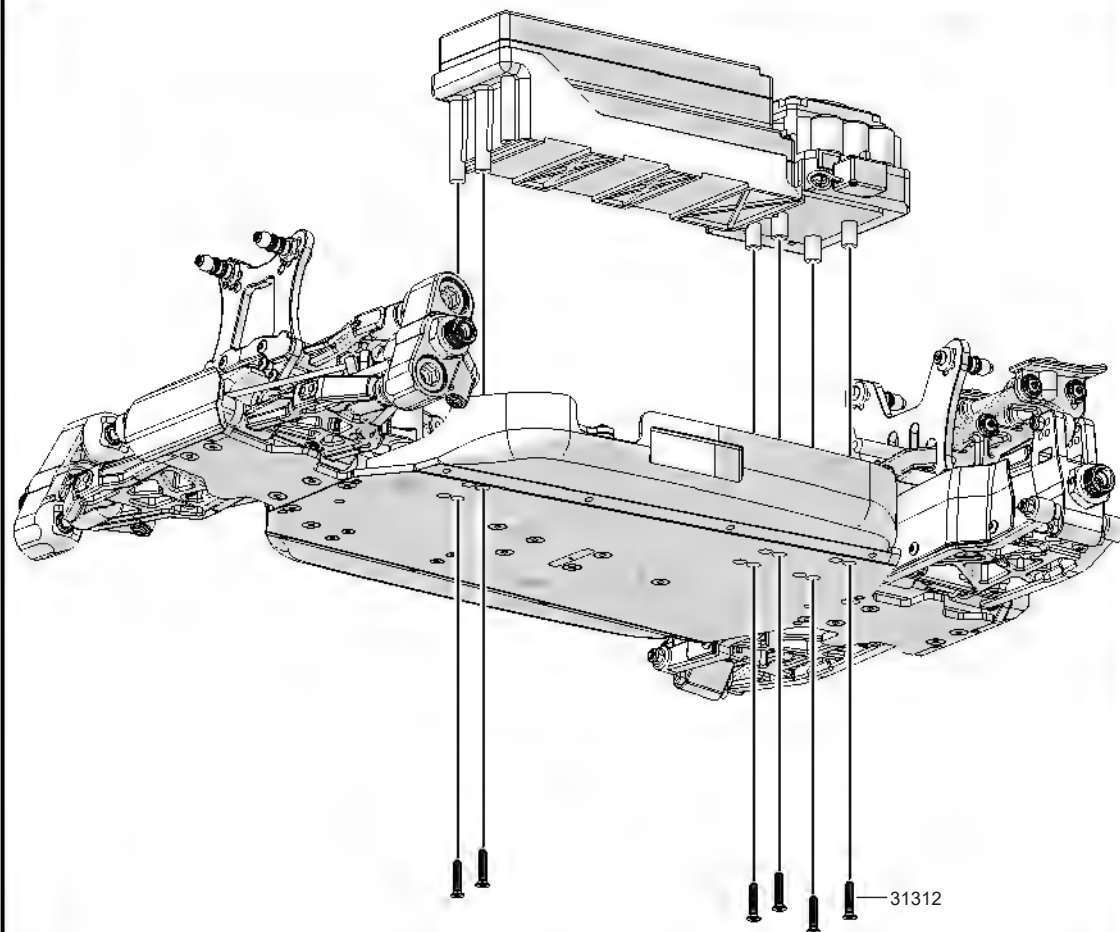
Front / Rear Shock Absorber Assembly

Front Shock Set
No. 90055Rear Shock Set
No. 90056

40

Battery Box And Electric Speed Controller Assembly

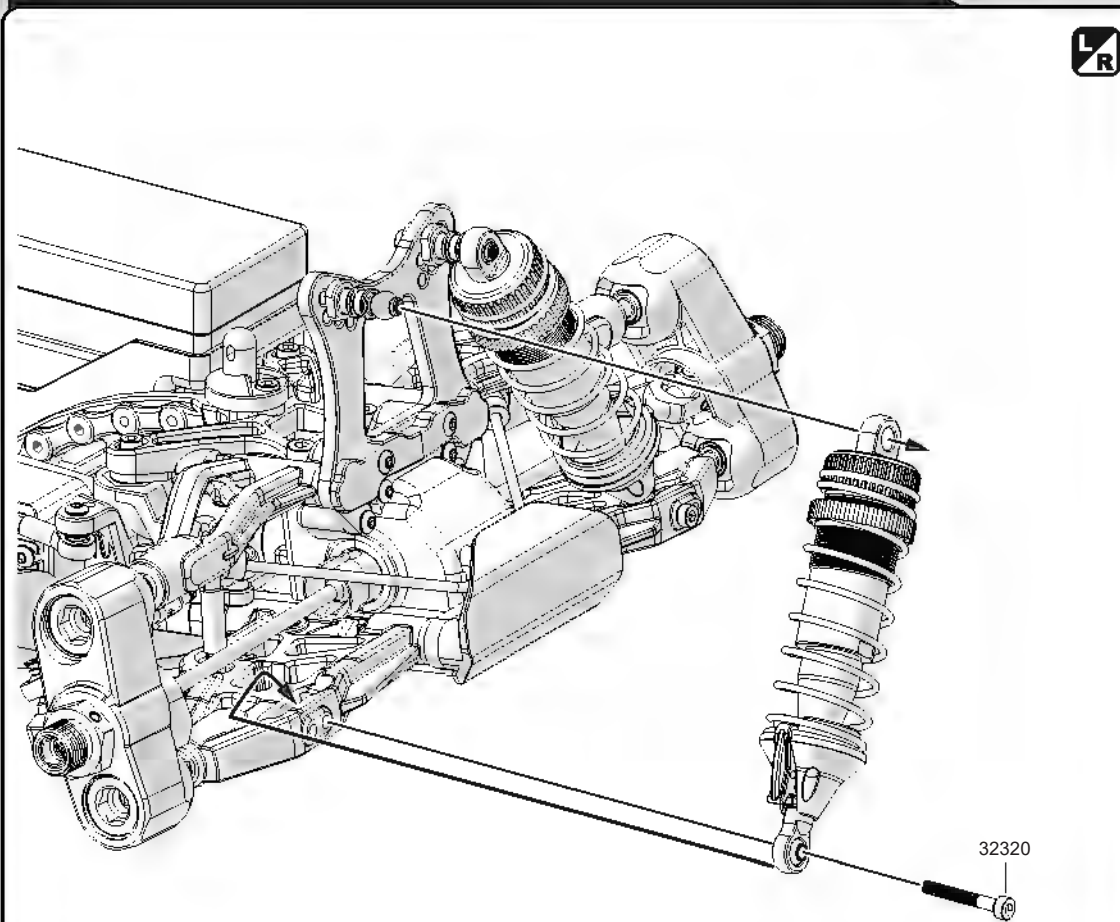
31312
M3x12 x6
F/H Screw



41

Front Shock Assembly

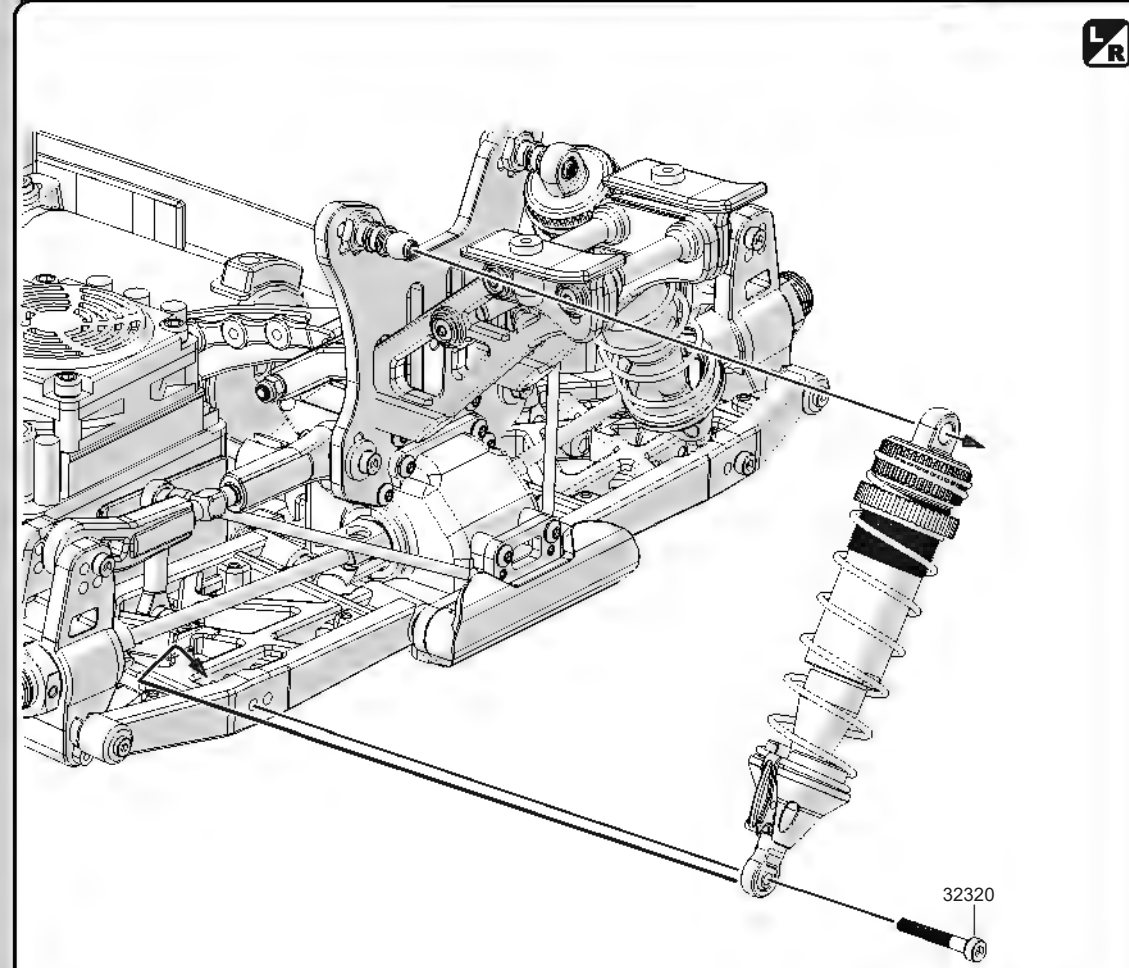
32320
M3x20 x2
Cap Screw



42

Rear Shock Assembly

32320
M3x20 x2
Cap Screw

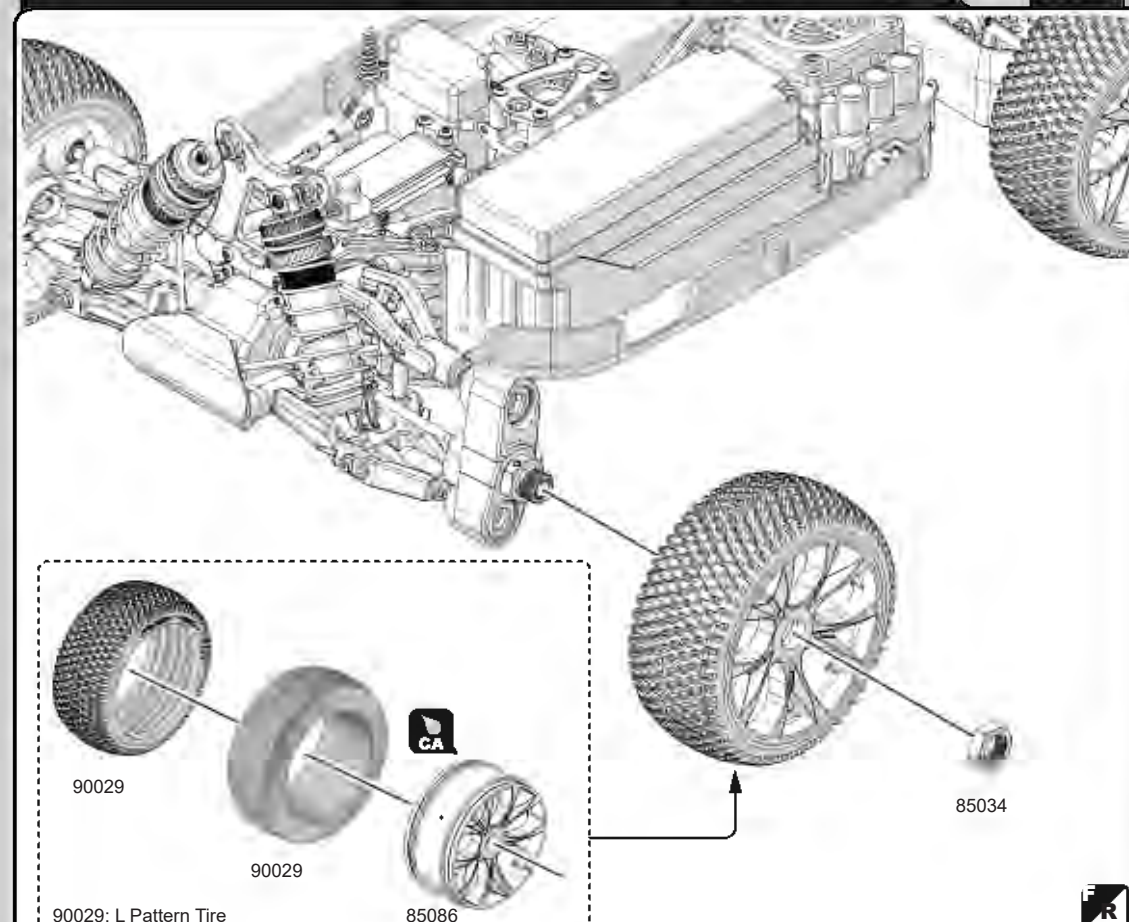


43

Tire Assembly

x4

85034
Wheel Hex Nut x4

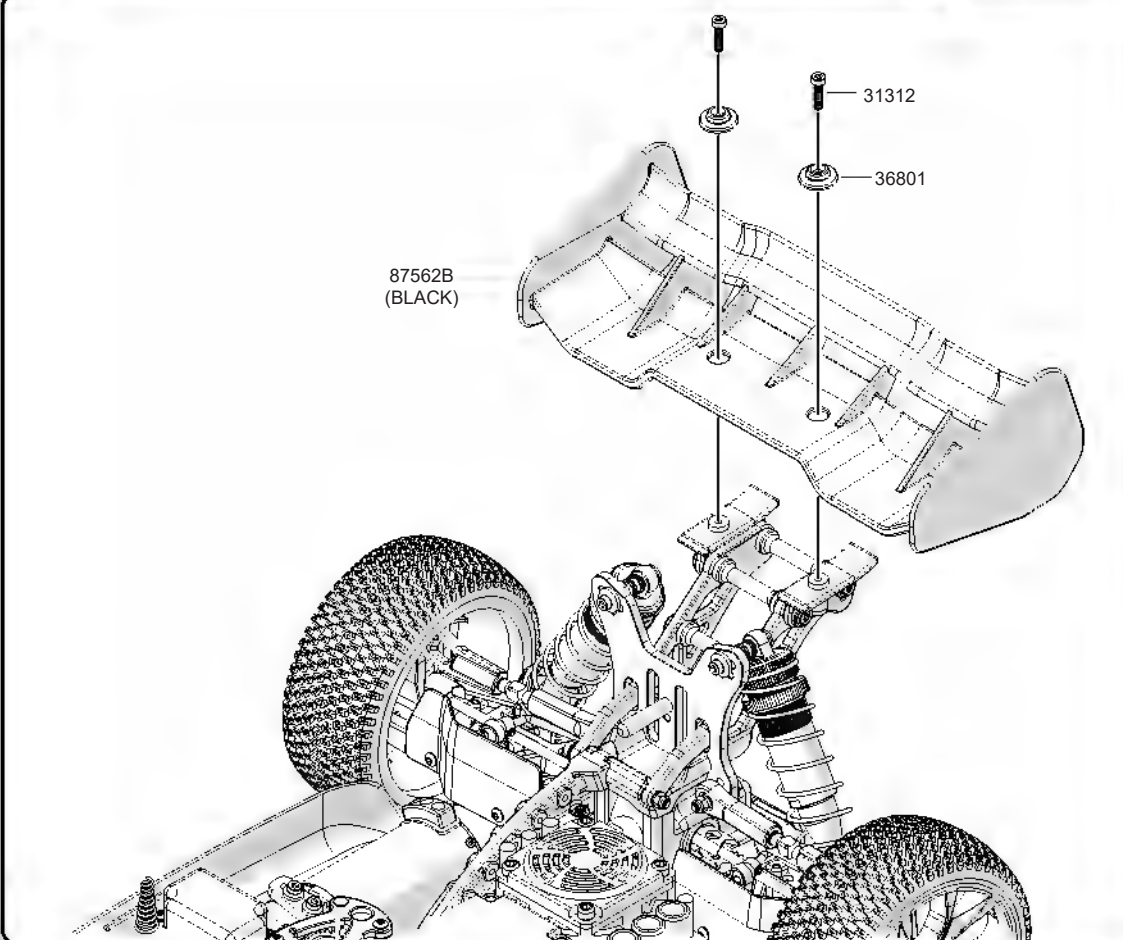


90029: L Pattern Tire
85095: VIPER Tire
85096: INDEX Tire

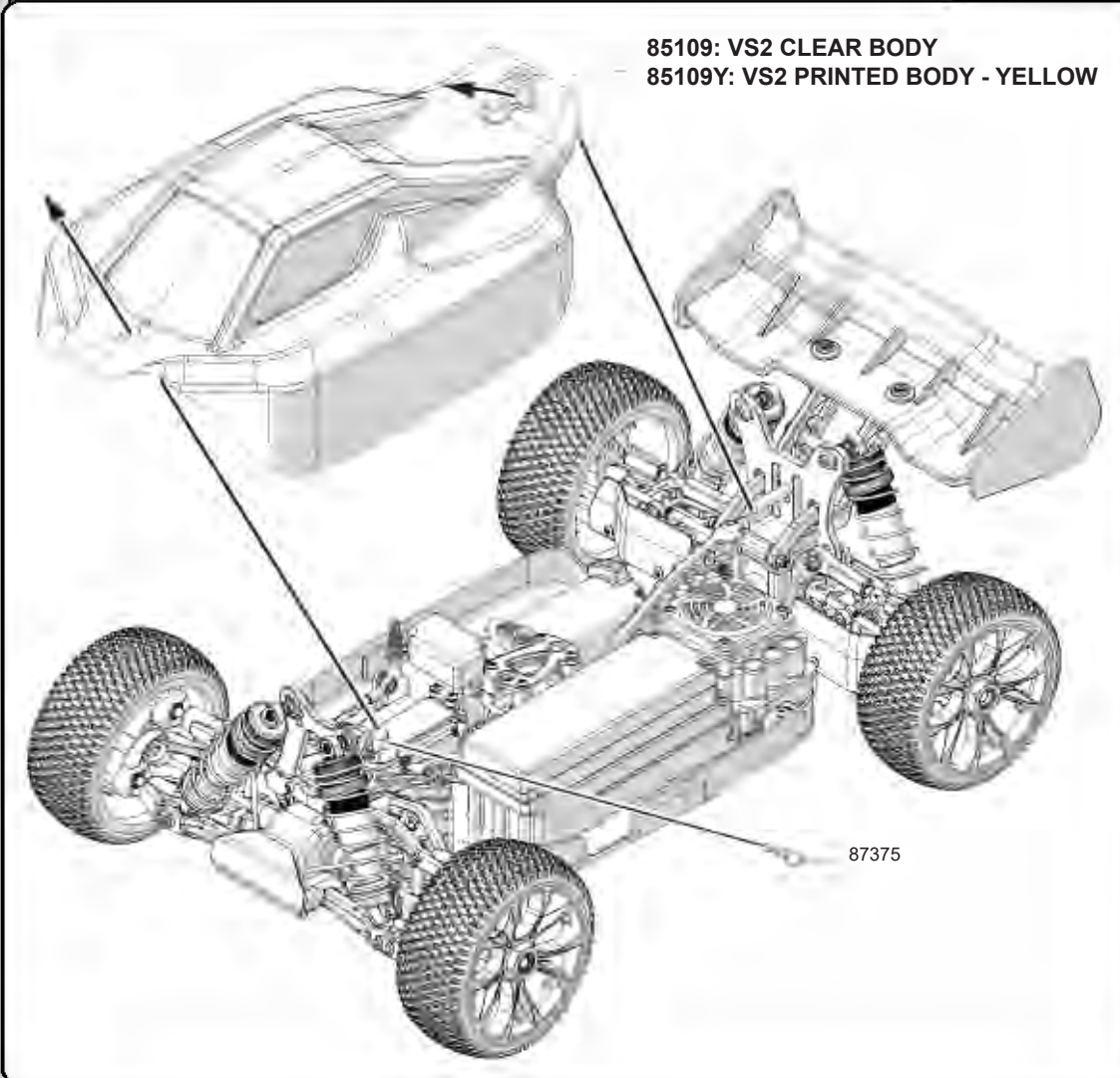


32312
M3x12 x2
Cap Screw

Tire Assembly



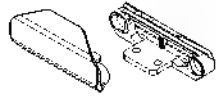
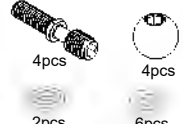
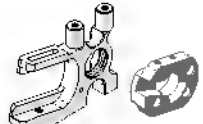
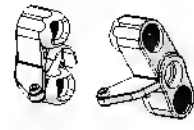
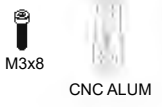
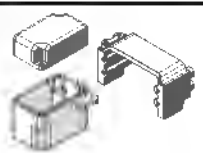
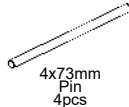
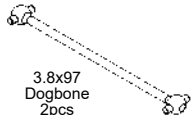
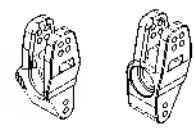
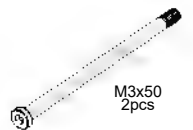
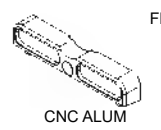
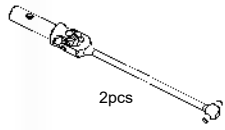
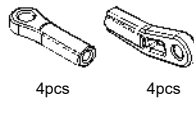
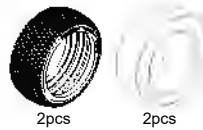
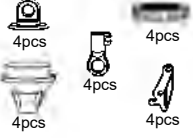
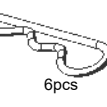
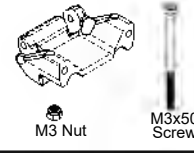
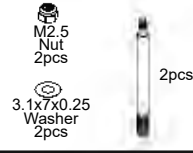
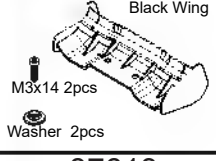
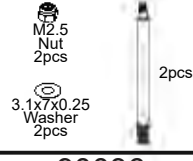
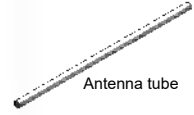
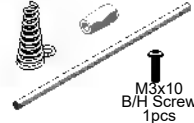
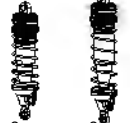
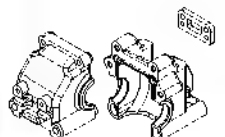
Body And Wing Assembly

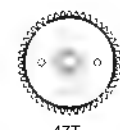
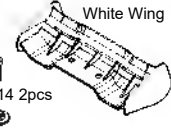
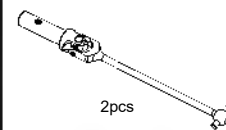
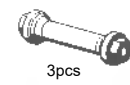
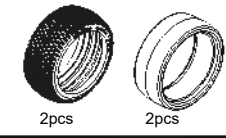
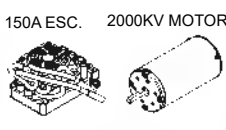
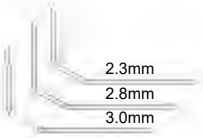
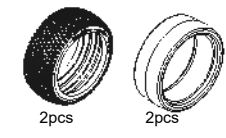
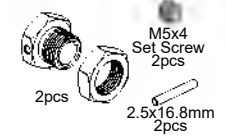
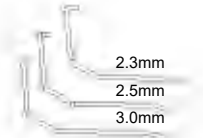
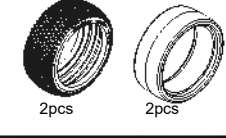
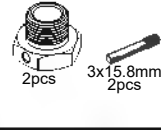
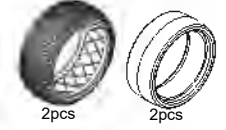
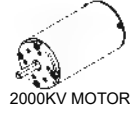
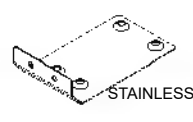


HYPER VS2

Electric PARTS LIST

36001 2.5x13.8mm Pin 4pcs	85022 2pcs	85071 2pcs	85087 3x43mm Alum 7075	85099 CNC Alum	85116 2pcs
36101 5.8x1.9mm O-ring 10pcs	85026 2pcs	85072 CNC Alum	85088 4x40mm Alum 7075 2pcs	85102 2pcs	85117 2pcs
36801 4pcs	85028 2pcs	85078 2pcs	85089 5x50mm Alum 7075 2pcs	85109 Clear Body	87005-2 6.1x13.9x0.15 Washer 6pcs
84076 8x16x5mm 4pcs	85031 2pcs	85079 2pcs	85090 6.8mm Alum 7075 4pcs	85109Y Yellow Body	87006 2pcs
84078 6x10x3mm 4pcs	85034 M5x5 Set Screw 2pcs	85080 CNC Alum	85091 6.8mm Alum 7075 4pcs	85110 5.8x1.9x2mm O-ring 2pcs	87021 M4x4 Set Screw 2pcs
85002 Rear	85066 2pcs	85081 CNC Alum	85092 6.8mm Alum 7075 4pcs	85111 M3x15 4pcs	87027-1 2.5x16.8mm Pin 4pcs
85004 2pcs	85067 2.5x13.8mm Pin 2pcs	85082 2pcs	85093 6.8mm Alum 7075 4pcs	85112 5.8mm Alum 7075 4pcs	87028 2pcs
85009 3x43mm Alum 7075	85068 2pcs	85083 Rear Body Post	85094 7.8mm Alum 7075 4pcs	85113 2pcs	87037 2pcs
85011 4x43.5mm Pin 2pcs	85069 2pcs	85084 3.8x97 Dogbone	85095 VIPER Tire	85114 CNC Alum	87044S 4pcs
85018 2pcs	85070 2pcs	85086 2pcs	85096 INDEX Tire	85115 2pcs	87046 6pcs

87048  2pcs	88002  M4x47 Screw 4pcs	89326  16T	90044  2pcs	90056  2pcs	
87050  4pcs	88003 	89604  4pcs 4pcs 2pcs 6pcs	90045  2pcs	90057 	
87206 	88004 	89635  M3x8 CNC ALUM	90046  2pcs	90059 	
87208  8pcs	88013  4x73mm Pin 4pcs	90010  3.8x97 Dogbone 2pcs	90047  4pcs	90060 	
87209  4pcs	88029 	90028  M3x50 2pcs	90048  4pcs	OP-0114  FR CNC ALUM	
87354  2pcs	88030  4pcs 4pcs	90029  L Pattern Tire 2pcs 2pcs	90049  4pcs 4pcs 4pcs 4pcs	OP-0115  RF CNC ALUM	
87375  6pcs	88034  M3 Nut M3x50 Screw	90030  M2.5 Nut 2pcs 3.1x7x0.25 Washer 2pcs	90052  2pcs	OP-0116  RR CNC ALUM	
87562B  Black Wing M3x14 2pcs Washer 2pcs	88039  4pcs	90031  M2.5 Nut 2pcs 3.1x7x0.25 Washer 2pcs	90053  2pcs		
87613  Antenna tube	89084  M3x10 B/H Screw 1pcs	90036  4x2mm O-ring 10pcs 5pcs 5pcs	90054  2pcs 2pcs		
88001 	89312  6pcs 2pcs	90043  2pcs	90055  2pcs		

OPTIONAL PARTS					
		OP-0007  47T	87562  White Wing M3x14 2pcs Washer 2pcs	89327  16T	
		OP-0009  2pcs	88036  3pcs	89328  13T	
		OP-0045  Front 2pcs	89147  CNC ALUM	89340WP  100A ESC. 2000KV MOTOR	
		OP-0046  Rear 2pcs	89154  2pcs 2pcs	89341WP  100A ESC.	
		OP-0107  Graphite	89170B/Y  2pcs	89420WP  150A ESC. 2000KV MOTOR	
		OP-0110  2.3mm 2.8mm 3.0mm	89171S  2pcs 2pcs	94018  M5x4 Set Screw 2pcs 2.5x16.8mm 2pcs	
		OP-0111  2.3mm 2.5mm 3.0mm	89172S  2pcs 2pcs	94071  2pcs 3x15.8mm 2pcs	
		OP-0117  CNC ALUM RR 0.5"	89311  14T	BT-101  2pcs 2pcs	
		OP-0118  CNC ALUM RR 0.75"	89322  2000KV MOTOR		
		OP-0122  STAINLESS	89325  15T		

Electric PARTS LIST

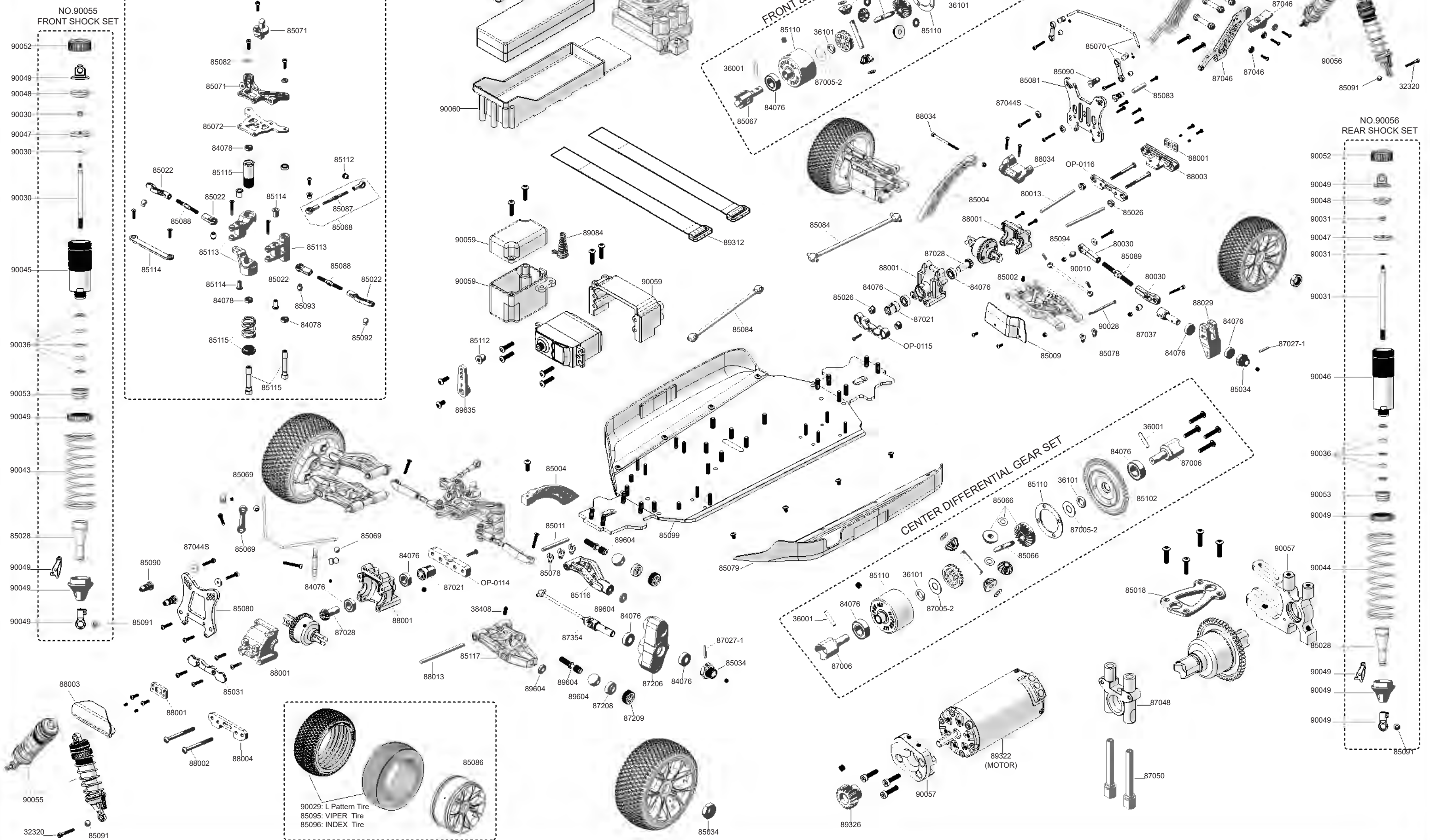
23

Electric PARTS LIST

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HYPER VS2

Electric

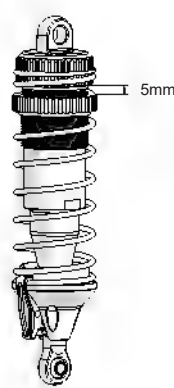


Name:	Date:
Track:	Event:
Note:	

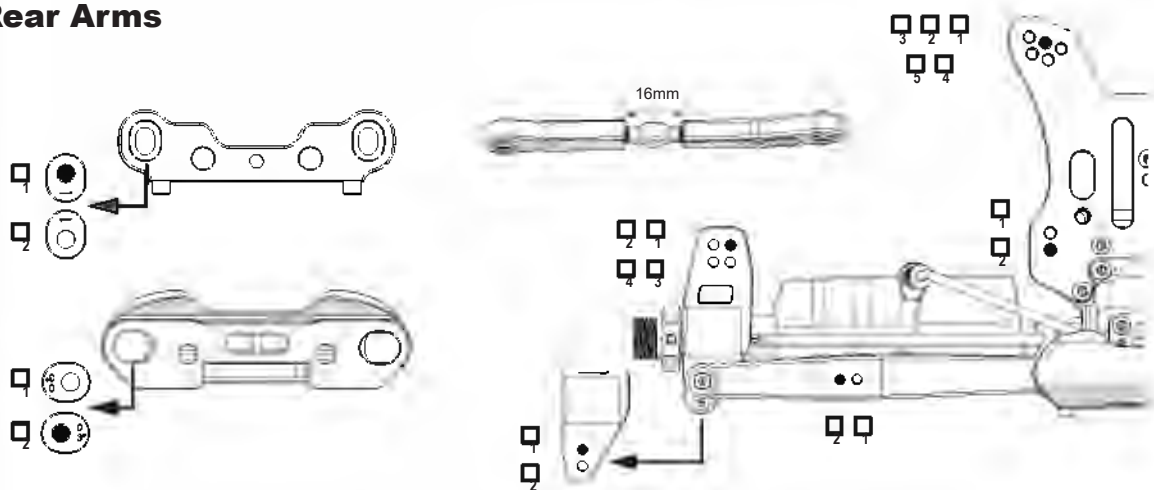
Front Arms



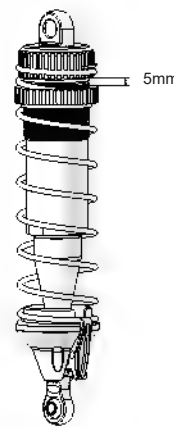
Front Shock



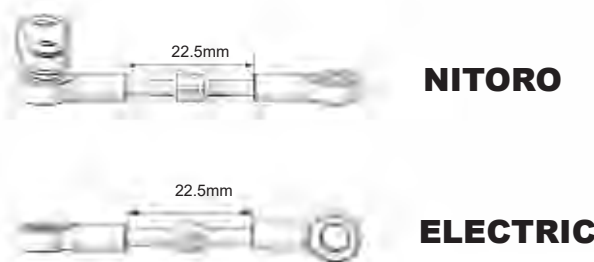
Rear Arms



Rear Shock



Servo Linkage Set For Steering

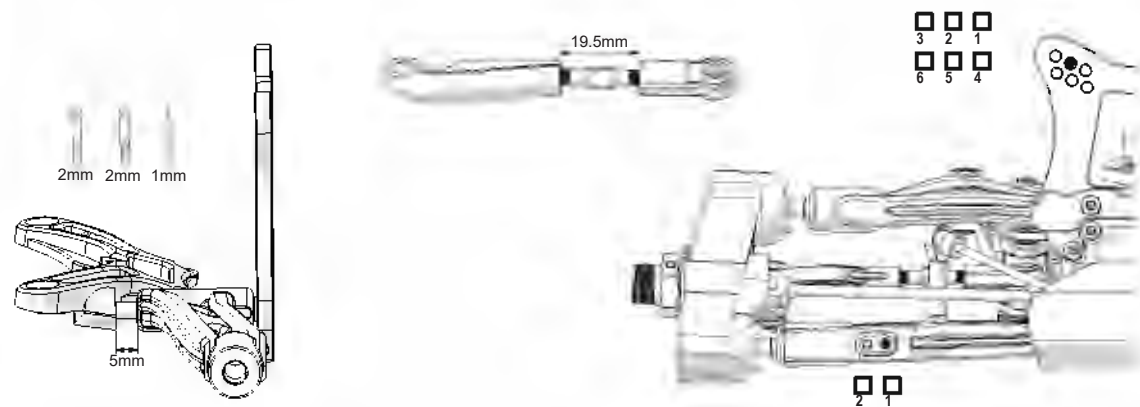


Brake Disc

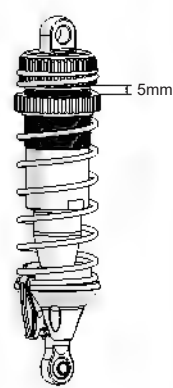


Name:	Date:
Track:	Event:
Note:	

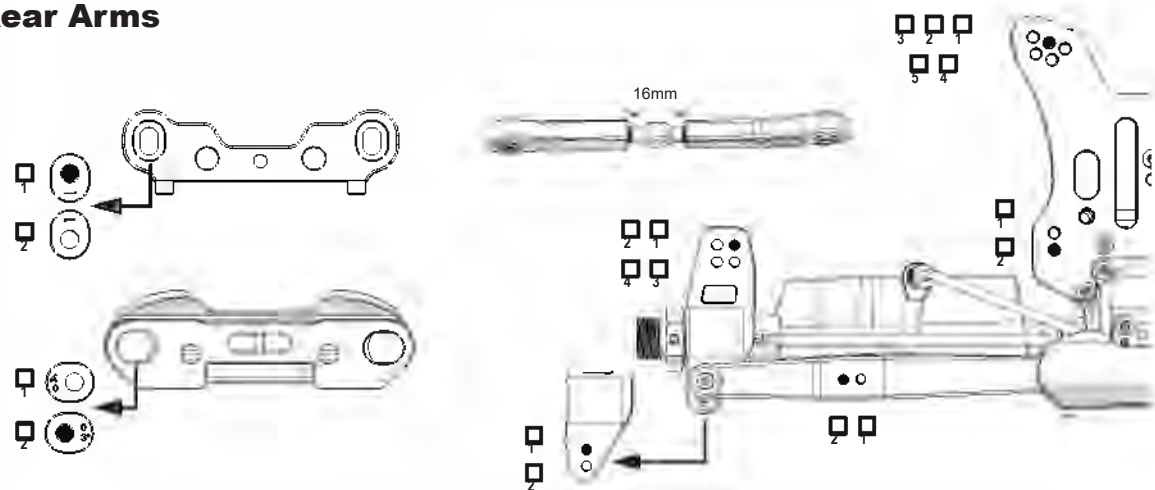
Front Arms



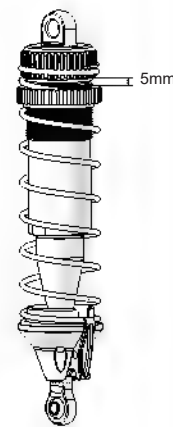
Front Shock



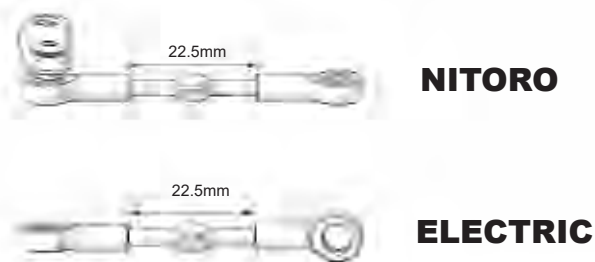
Rear Arms



Rear Shock



Servo Linkage Set For Steering



Brake Disc

