

HYPER T20

Electric

HoBao

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

1/10th
SCALE

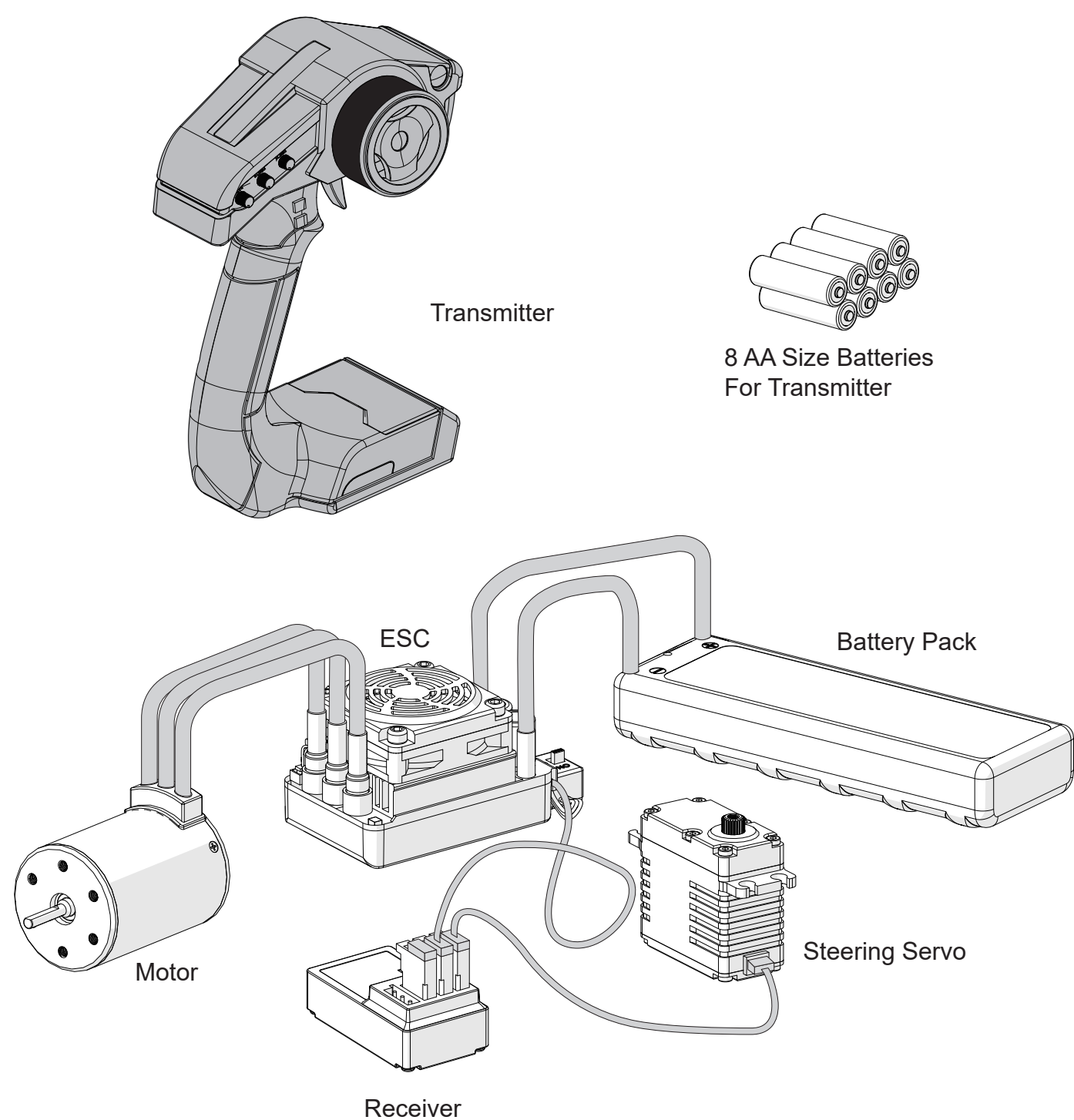


INSTRUCTION MANUAL

HYPER T 20

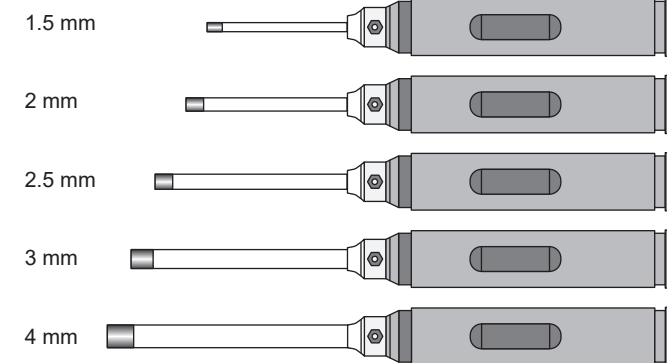
REQUIRED

Radio Control Equipment Set

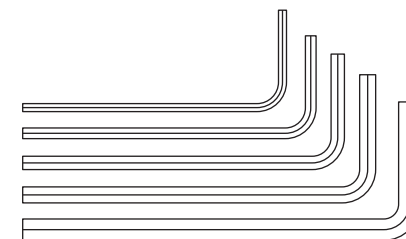


Tools Recommended

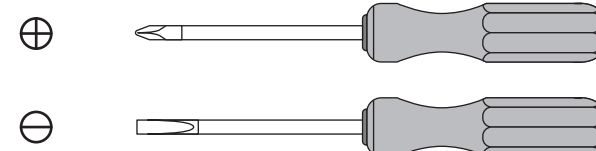
Hex Wrench



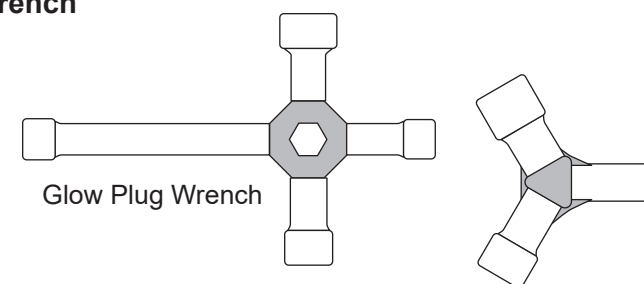
1.5 mm
2 mm
2.5 mm
3 mm
4 mm



Screwdriver



Wrench



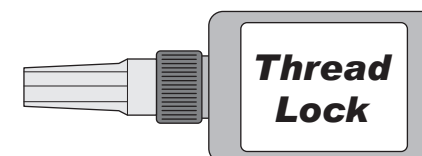
Instant Cement



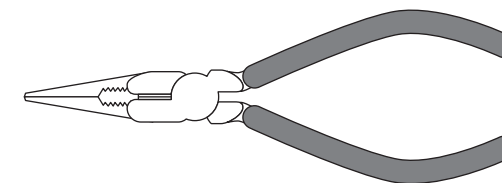
Rubber Cement



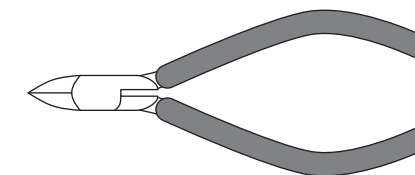
Thread Lock



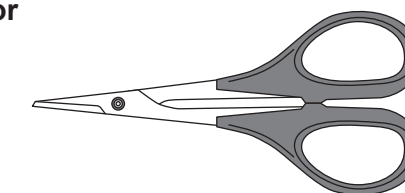
Long Nose Pliers



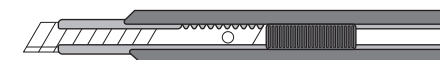
Side Cutter



Curved Scissor



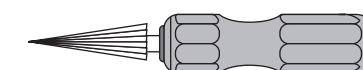
Modeling Knife



Tweezers



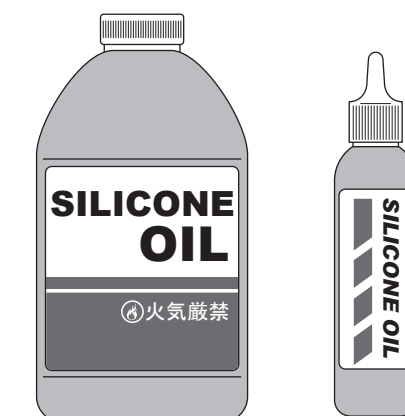
Reamer



Grease



Silicone Oil

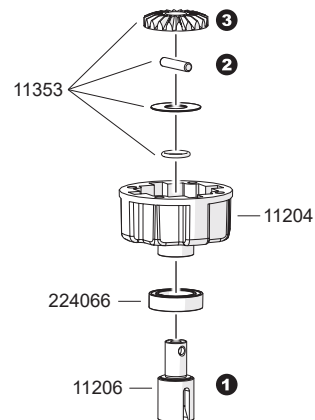


1

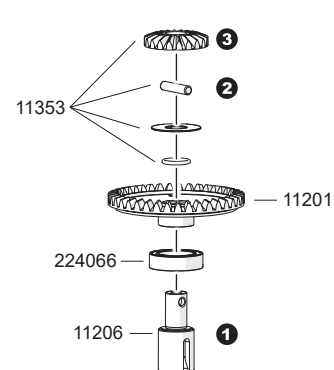
Front / Rear Differential Assembly

x2

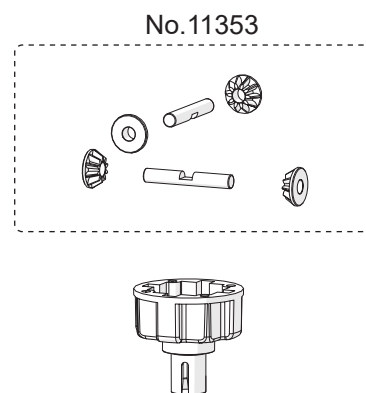
1



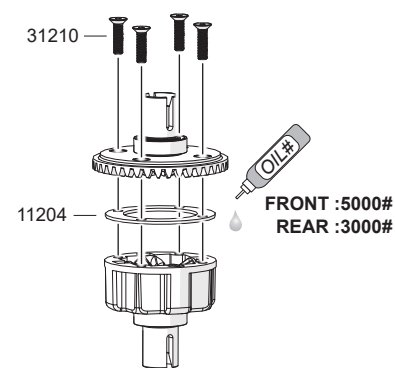
2



3



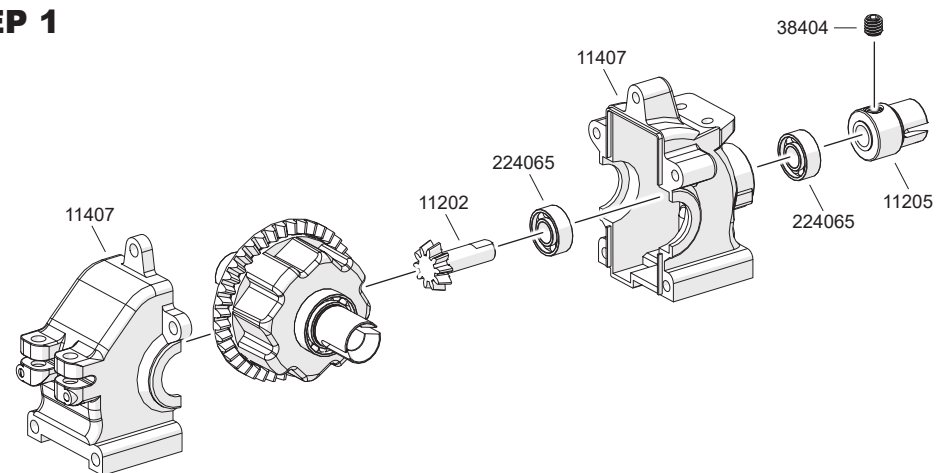
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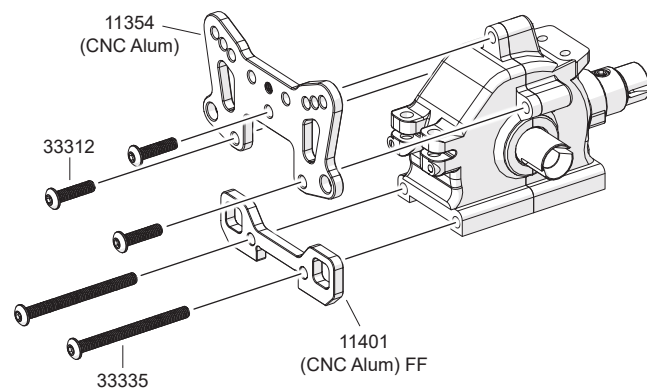
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Front Gear Box Assembly

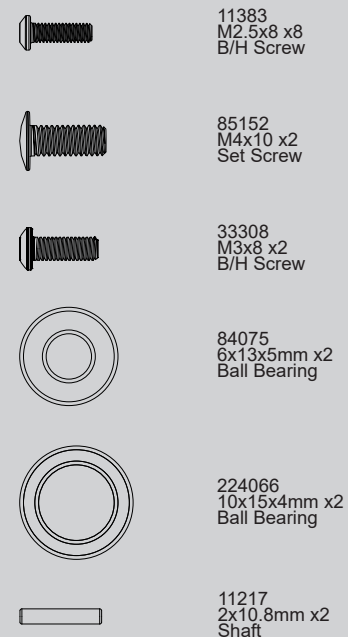
STEP 1



STEP 2

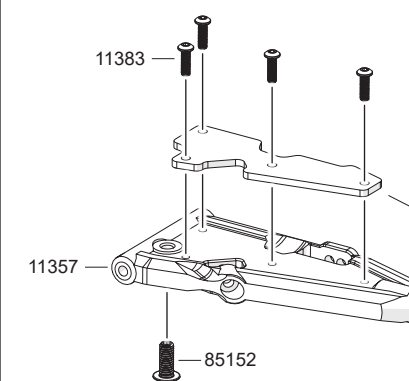


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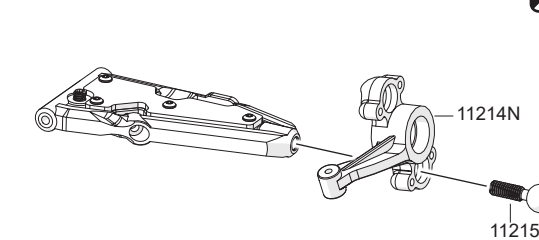


Front Steering And Suspension Arm Assembly

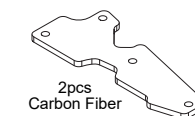
STEP 1



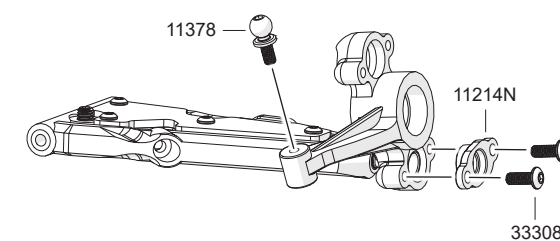
STEP 2

OPTIONAL PARTS
NO. OP1-0068

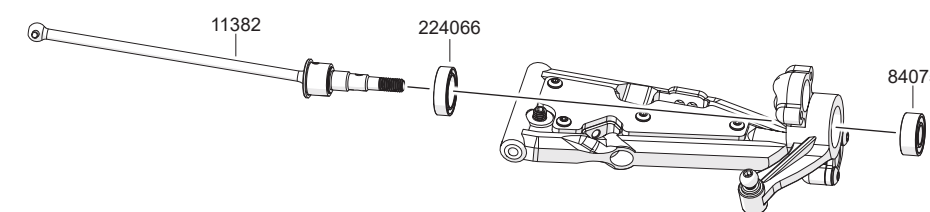
FRONT



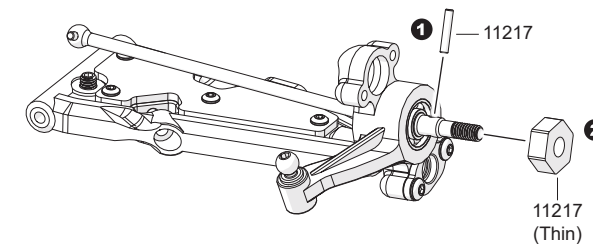
STEP 3



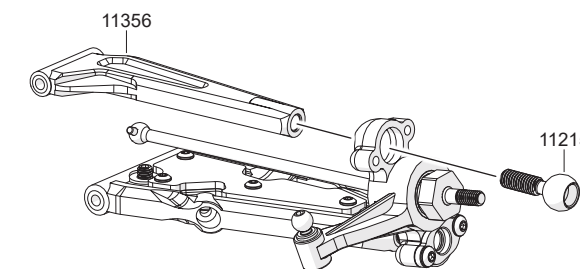
STEP 4



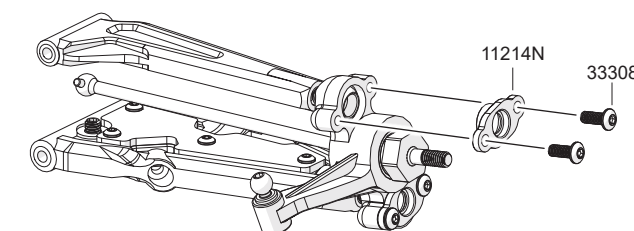
STEP 5



STEP 6



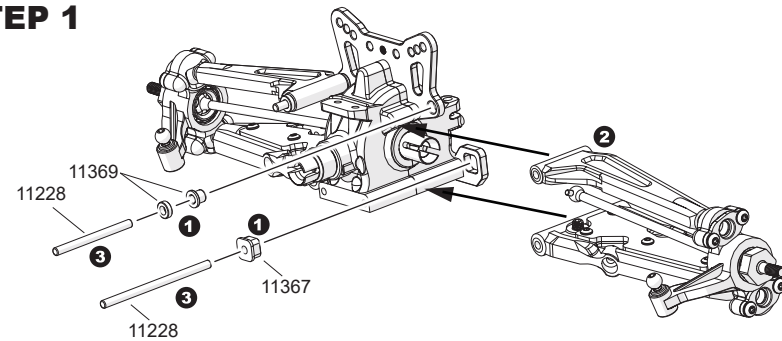
STEP 7



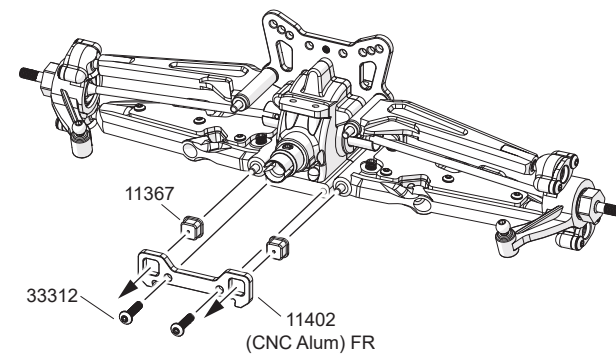
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Front Suspension Arm Assembly

STEP 1

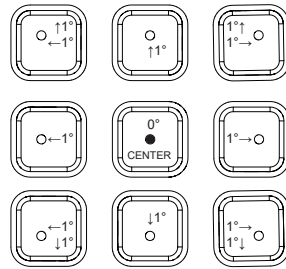


STEP 2



No. 11367

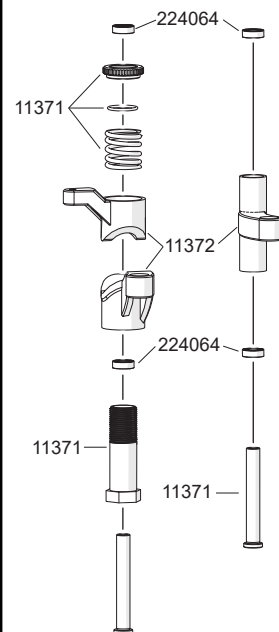
ARM HOLDER PILL INSERTS



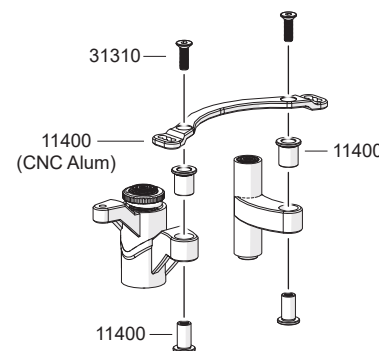
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Servo Saver Assembly 1

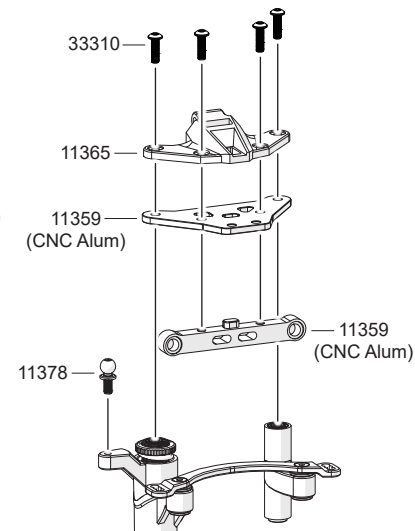
STEP 1



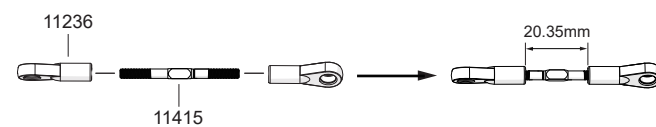
STEP 2



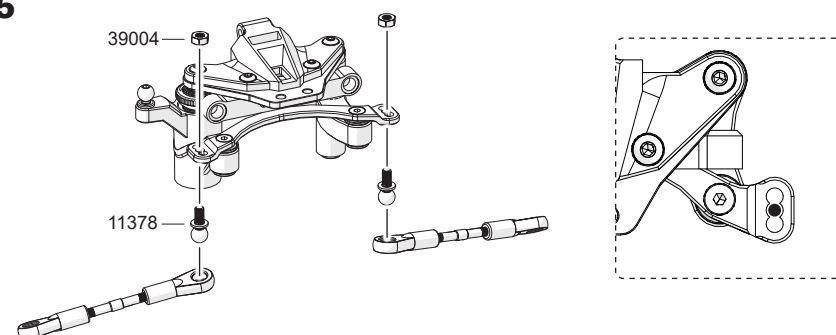
STEP 3



STEP 4



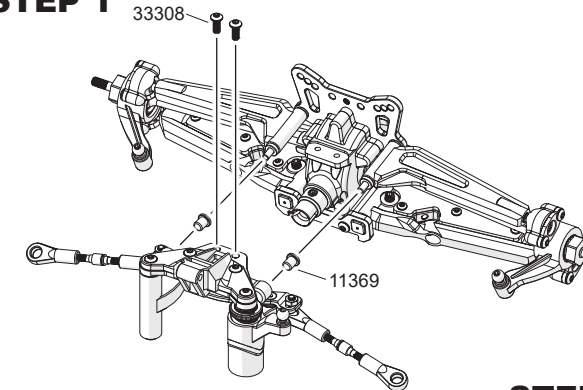
STEP 5



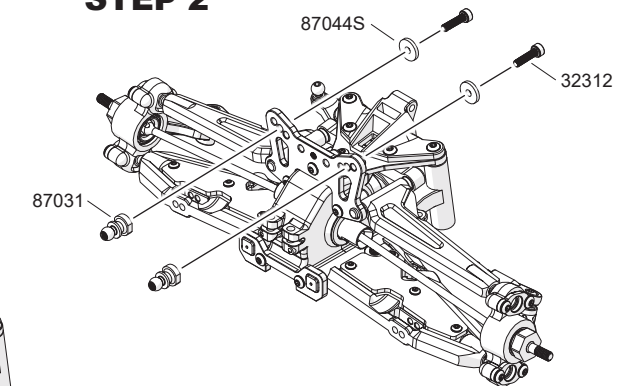
6

Servo Saver Assembly 2

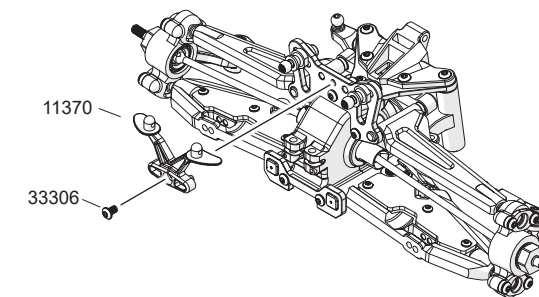
STEP 1



STEP 2



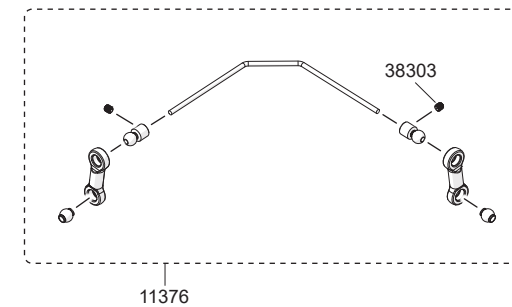
STEP 3

33312
M3x12 x8
B/H Screw31310
M3x10 x2
F/H Screw33310
M3x10 x4
B/H Screw39004
M3 Nut x2224064
5x8x2.5mm x2
Ball Bearing

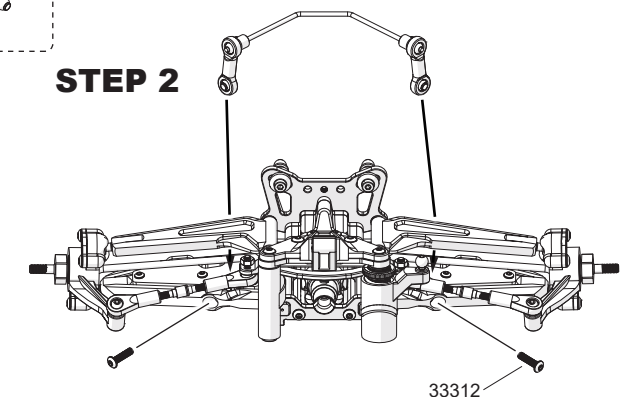
7

Front Sway Bar Assembly

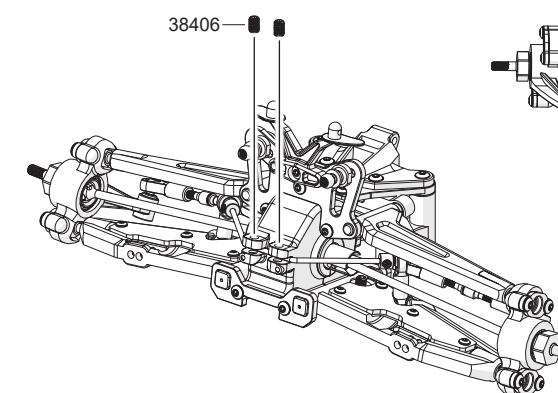
STEP 1



STEP 2



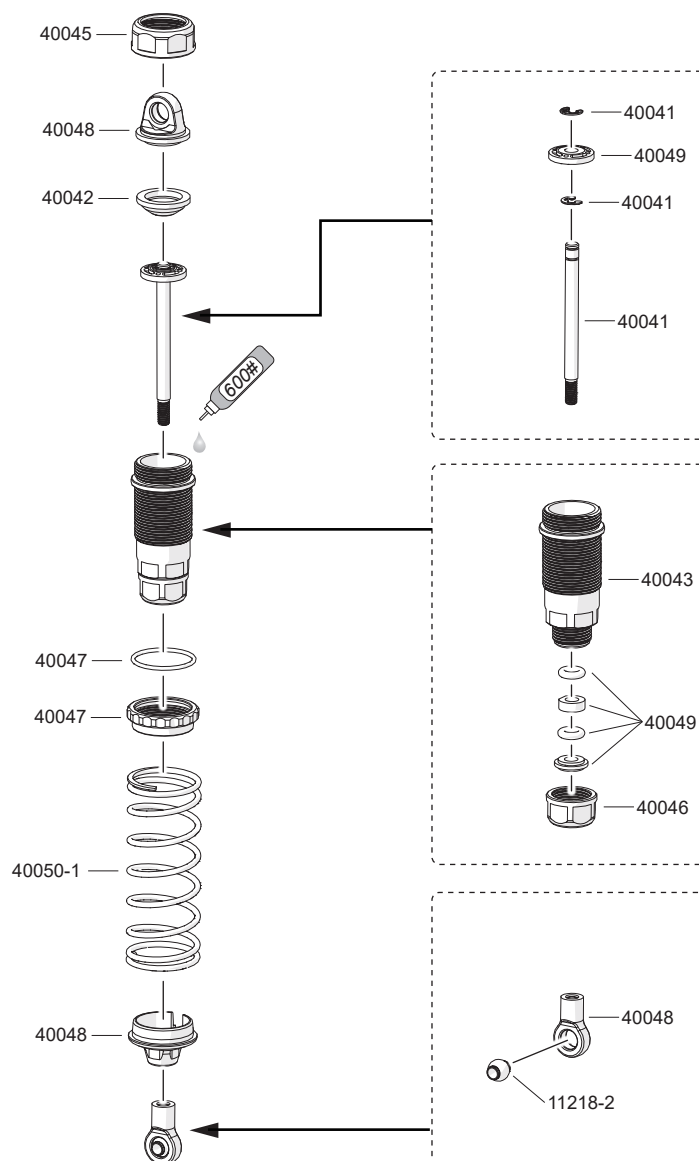
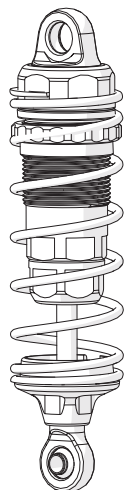
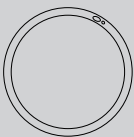
STEP 3

38303
M3x3 x2
Set Screw38406
M4x6 x2
Set Screw33312
M3x12 x2
B/H Screw

8

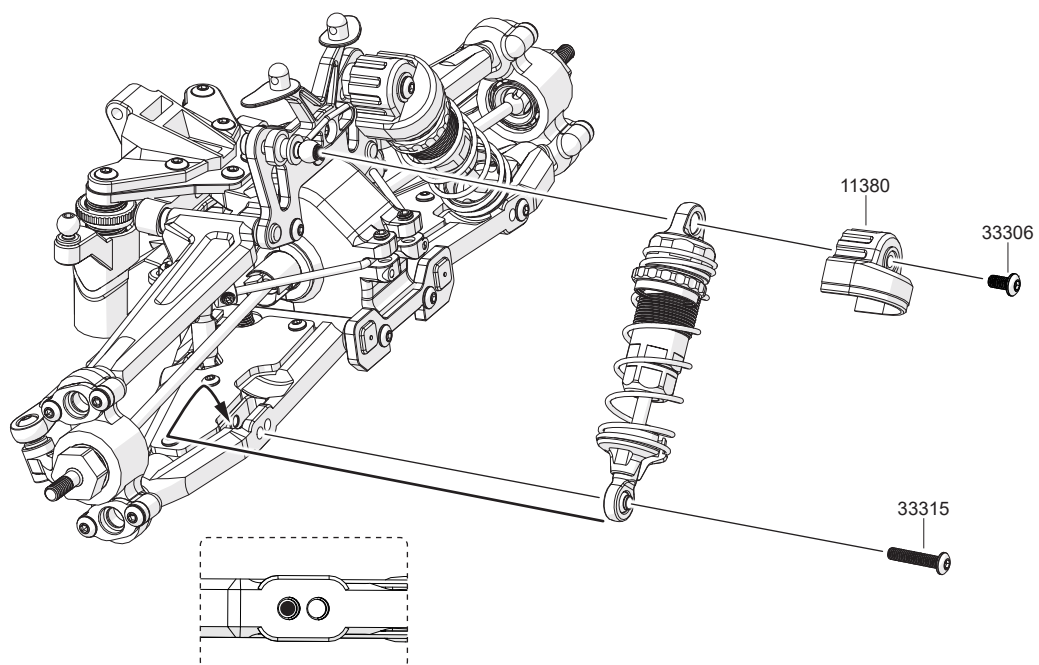
Front Shock Absorber Assembly

x2

Front Shock Set
No.1138740049
3.3x1.9mm x4
O-ring40049
11.9x11.6mm x2.540047
15x1mm x2
O-ring

9

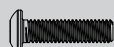
Front Shock Assembly

33306
M3x6 x2
B/H Screw33315
M3x15 x2
B/H Screw

10

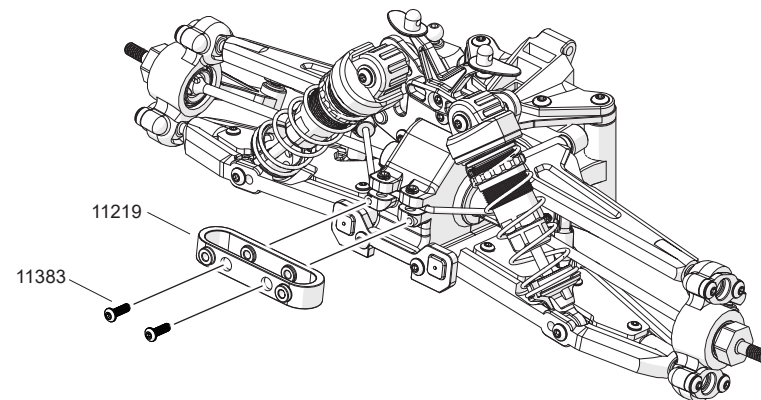
11383
M2.5x8 x2
B/H Screw

11

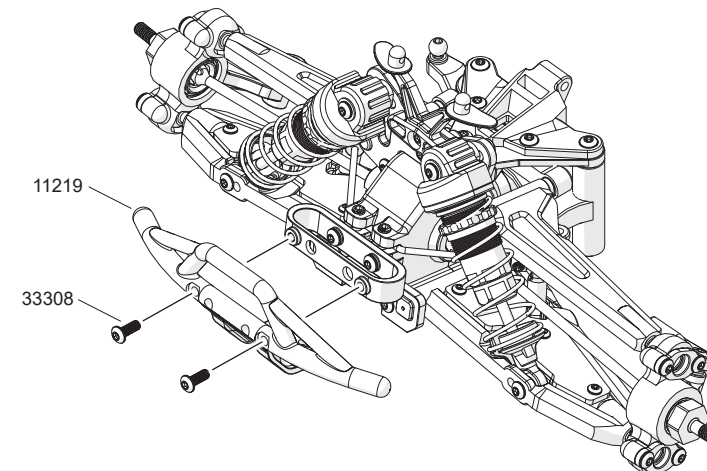
38404
M4x4 x1
Set Screw32312
M3x12 x2
Cap Screw33312
M3x12 x3
B/H Screw224065
5x11x4mm x2
Ball Bearing39008
Nylon Nut M3 x2

Front Bumper Assembly

STEP 1

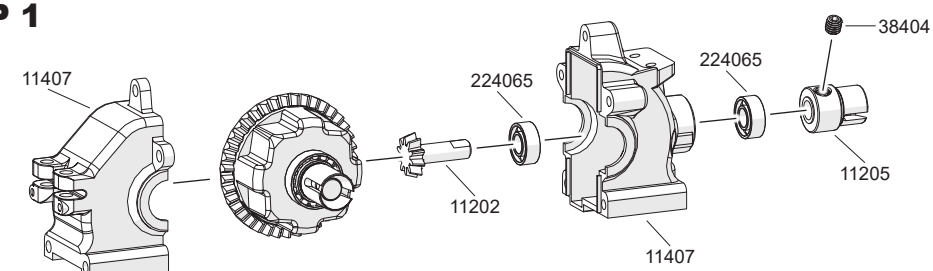


STEP 2

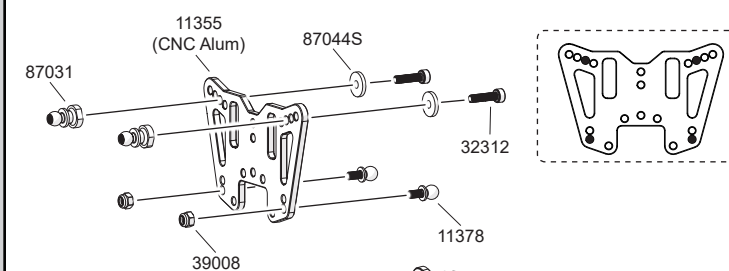


Rear Gear Box Assembly

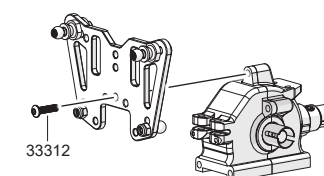
STEP 1



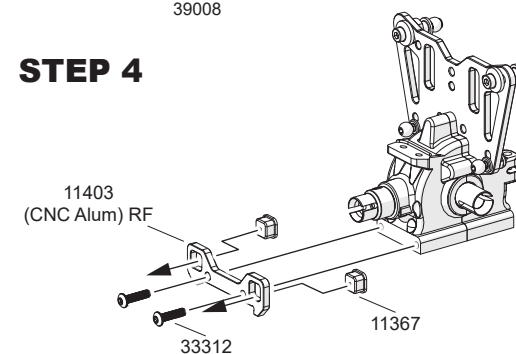
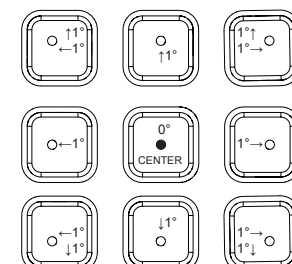
STEP 2



STEP 3



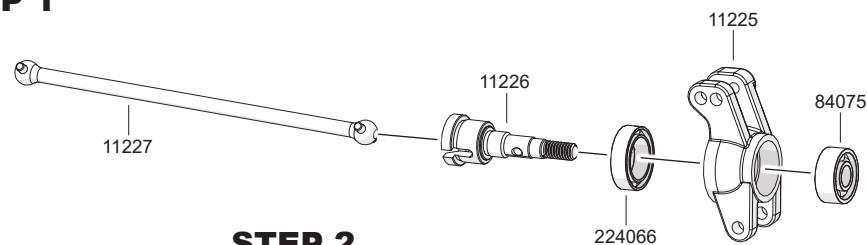
STEP 4

No.11367
ARM HOLDER PILL INSERTS

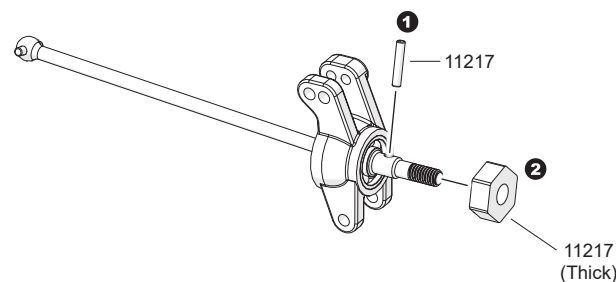
12

Rear Suspension Arm And Axle Assembly

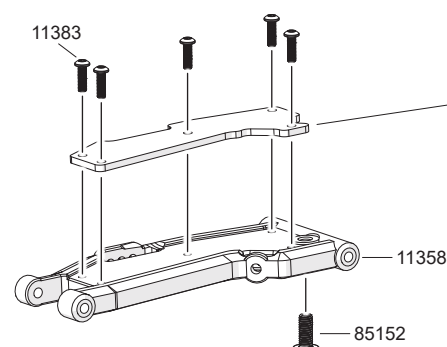
STEP 1



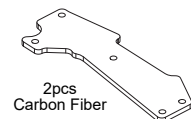
STEP 2



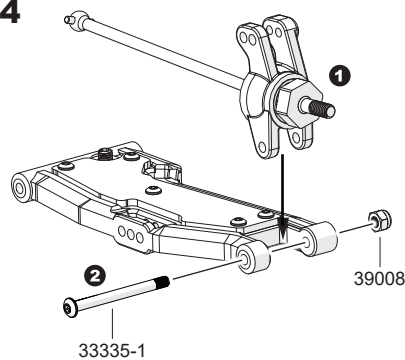
STEP 3

OPTIONAL PARTS
NO. OP1-0069

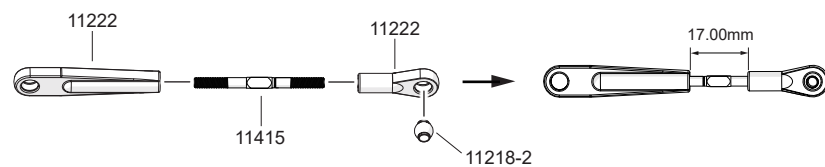
REAR

M2.5x8
11pcs

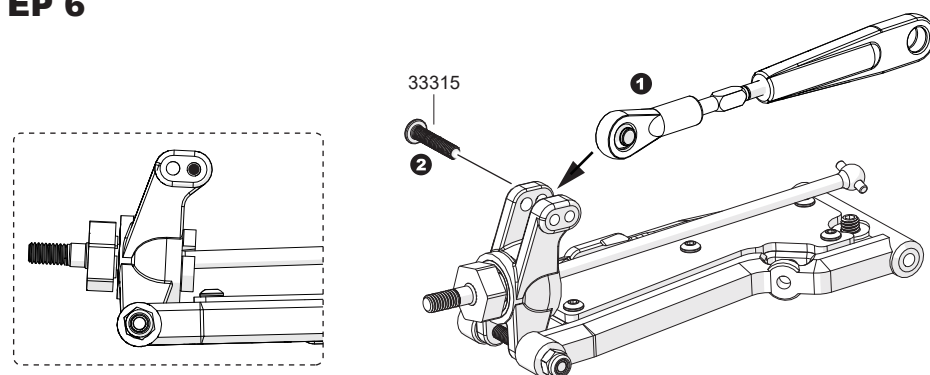
STEP 4



STEP 5



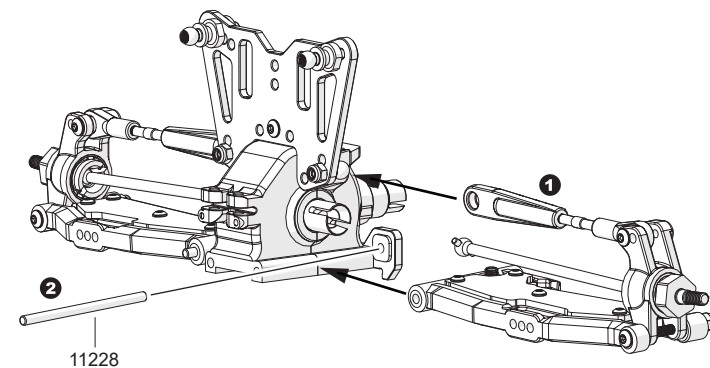
STEP 6



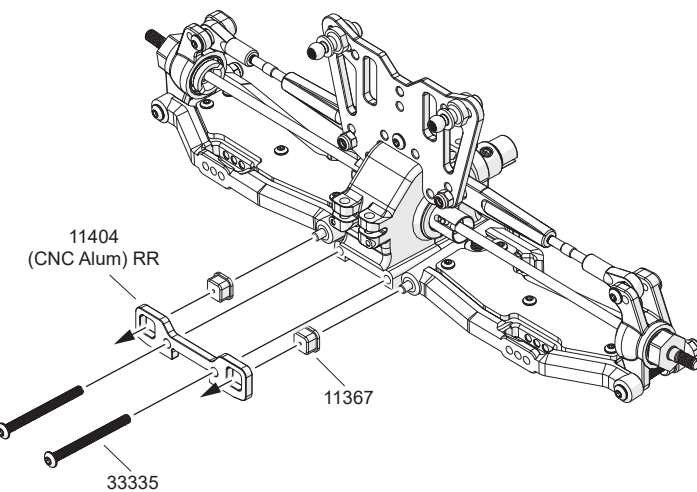
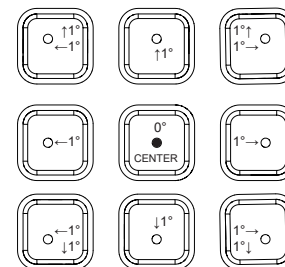
13

Rear Suspension Arm Assembly

STEP 1



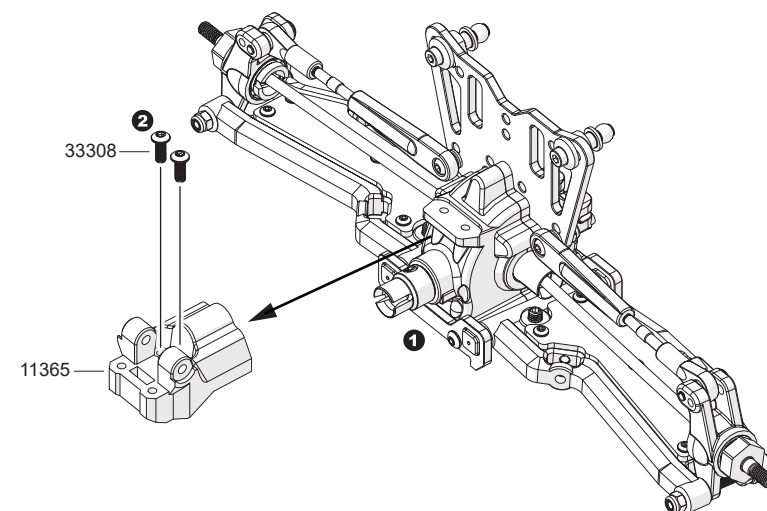
STEP 2

No.11367
ARM HOLDER PILL INSERTS

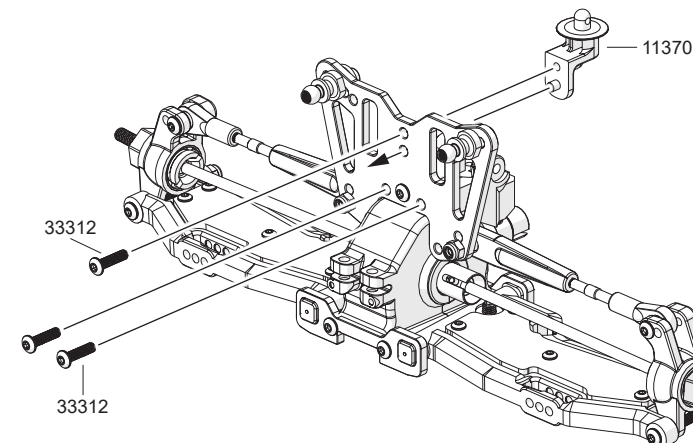
14

Rear Body Mount Assembly

STEP 1



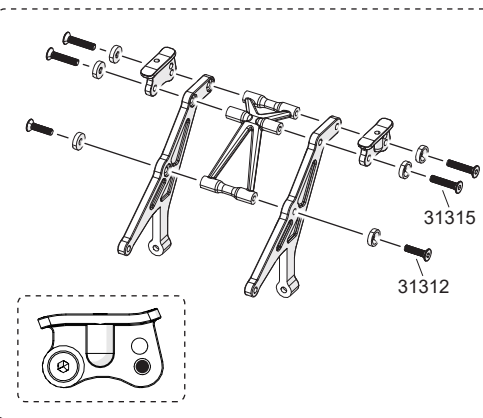
STEP 2



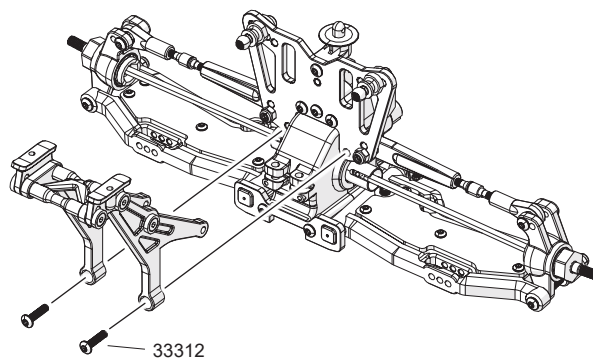
15

Wing Mount Assembly

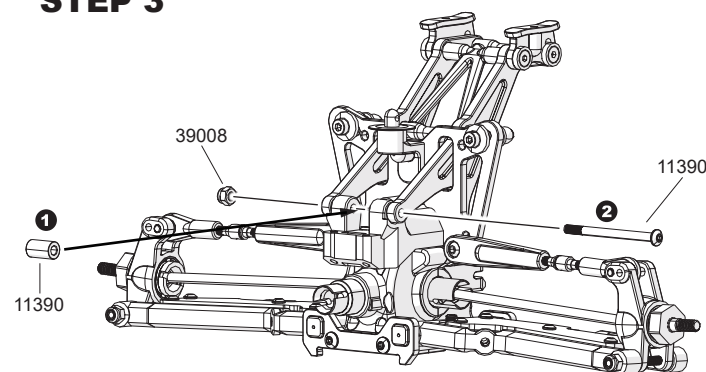
STEP 1



STEP 2



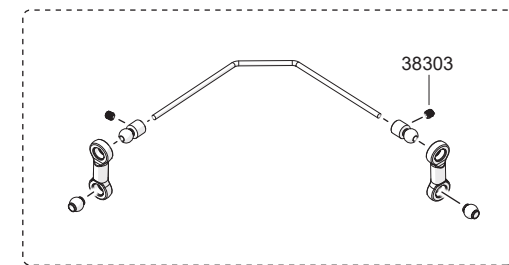
STEP 3



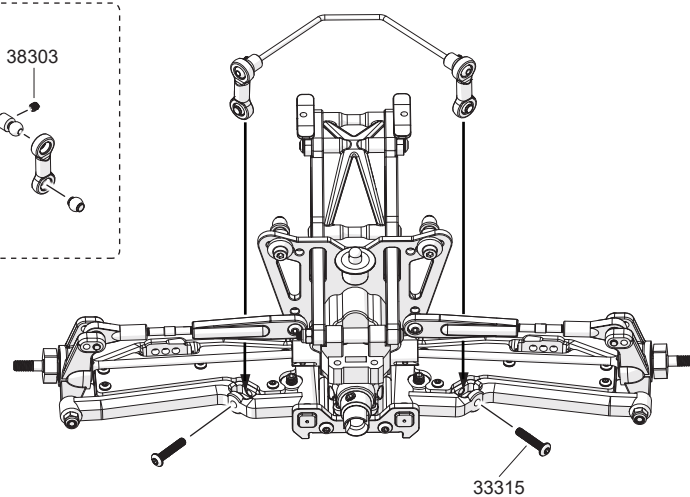
16

Rear Sway Bar Assembly

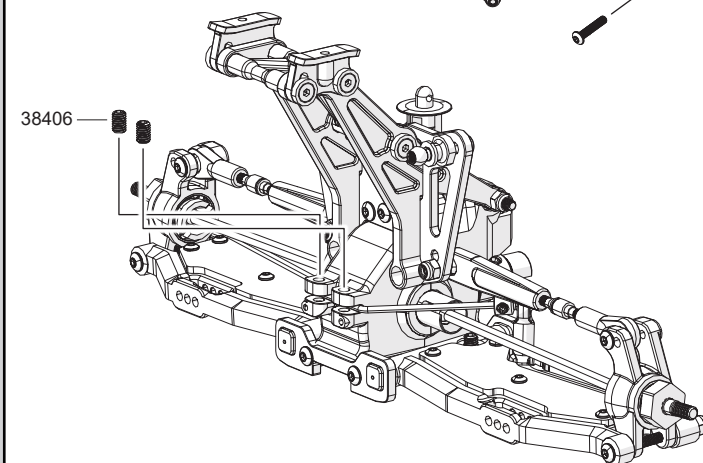
STEP 1



STEP 2



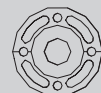
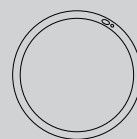
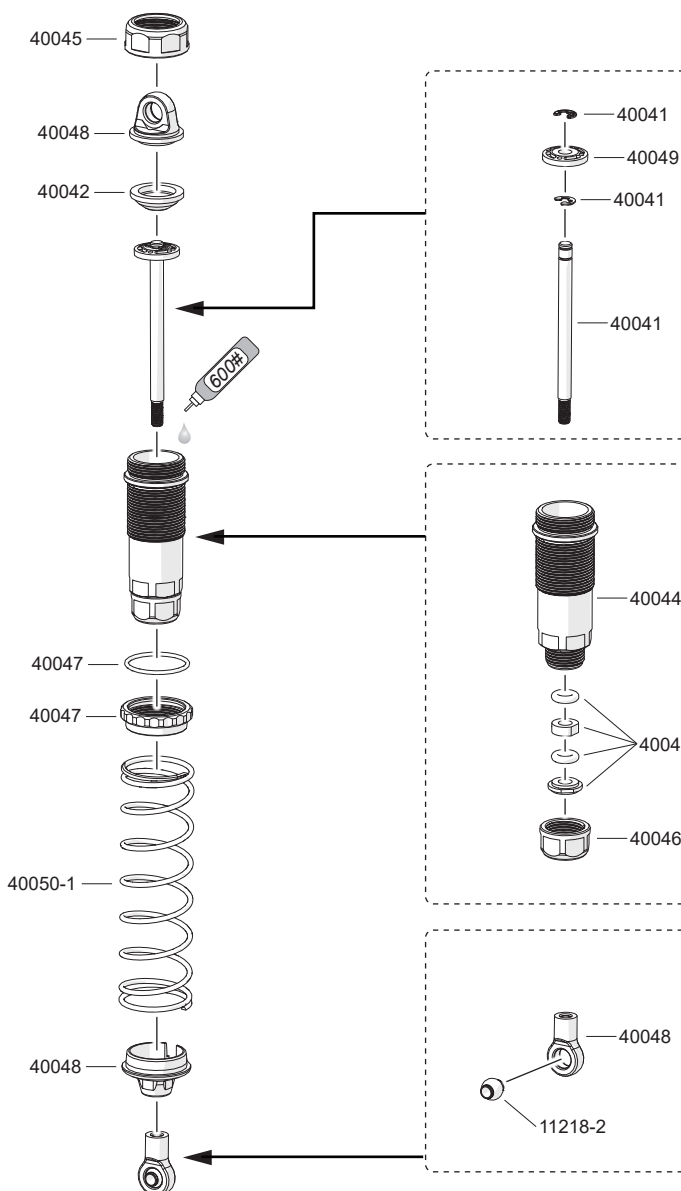
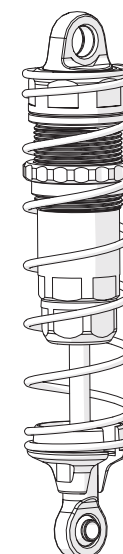
STEP 3



17

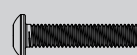
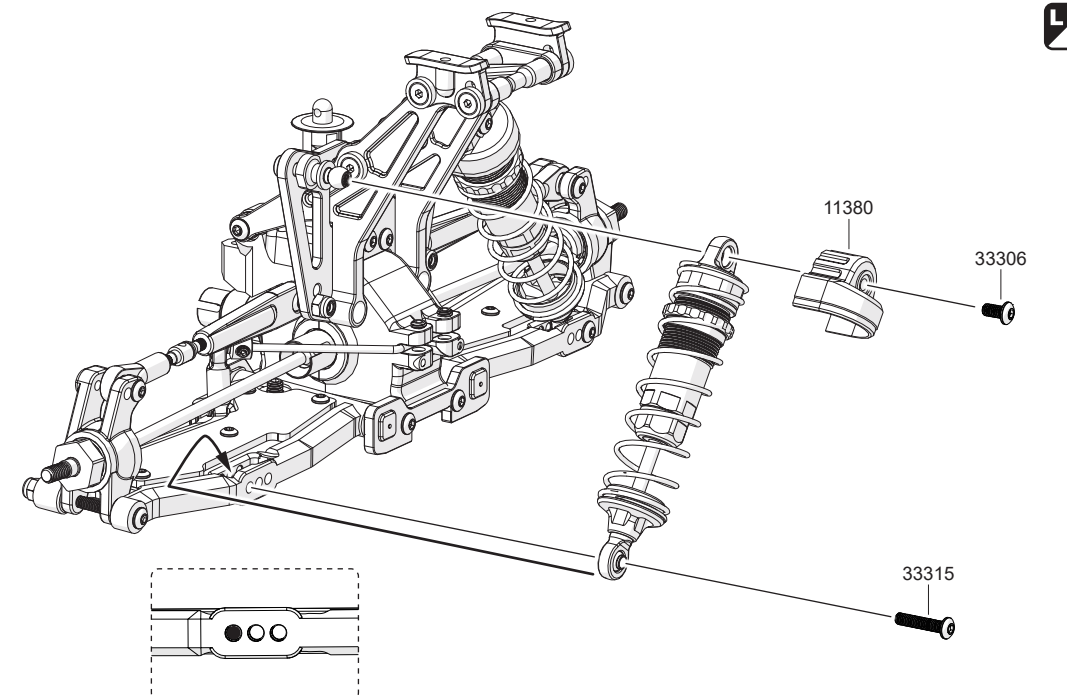
Rear Shock Absorber Assembly

x2

40049
3.3x1.9mm x4
O-ring40049
11.9x11.6mm x2.540047
15x1mm x2
O-ringRear Shock Set
No.11388

18

Rear Shock Assembly

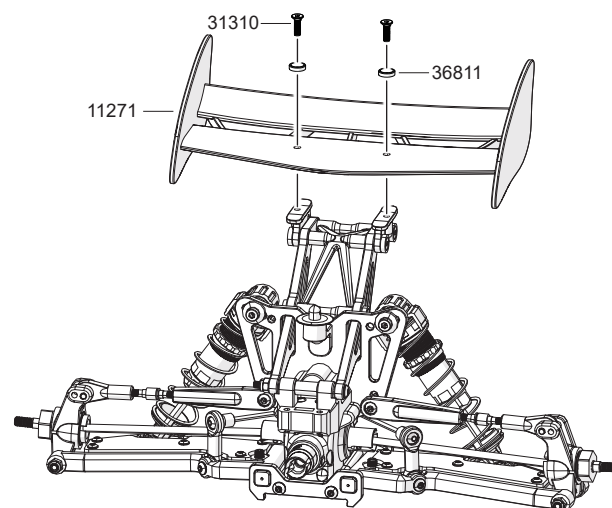
33306
M3x6 x2
B/H Screw33315
M3x15 x2
B/H Screw

19

Wing Assembly



31310
M3x10 x2
F/H Screw



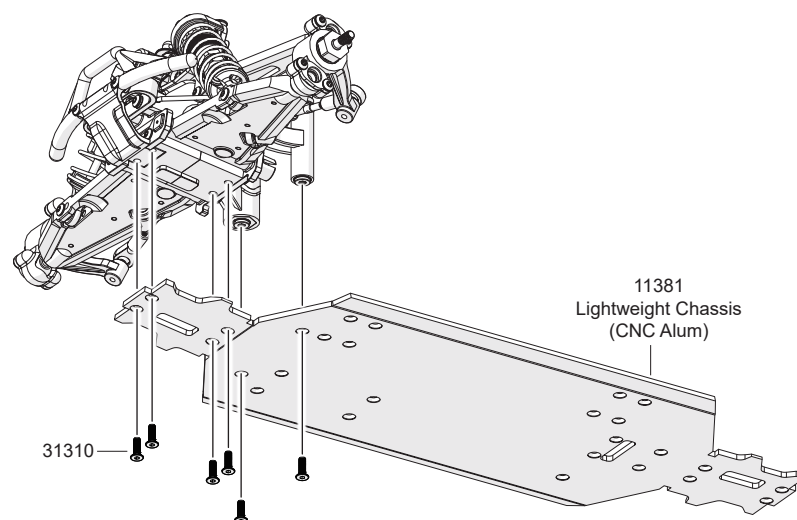
20

Front / Rear Clip Assembly

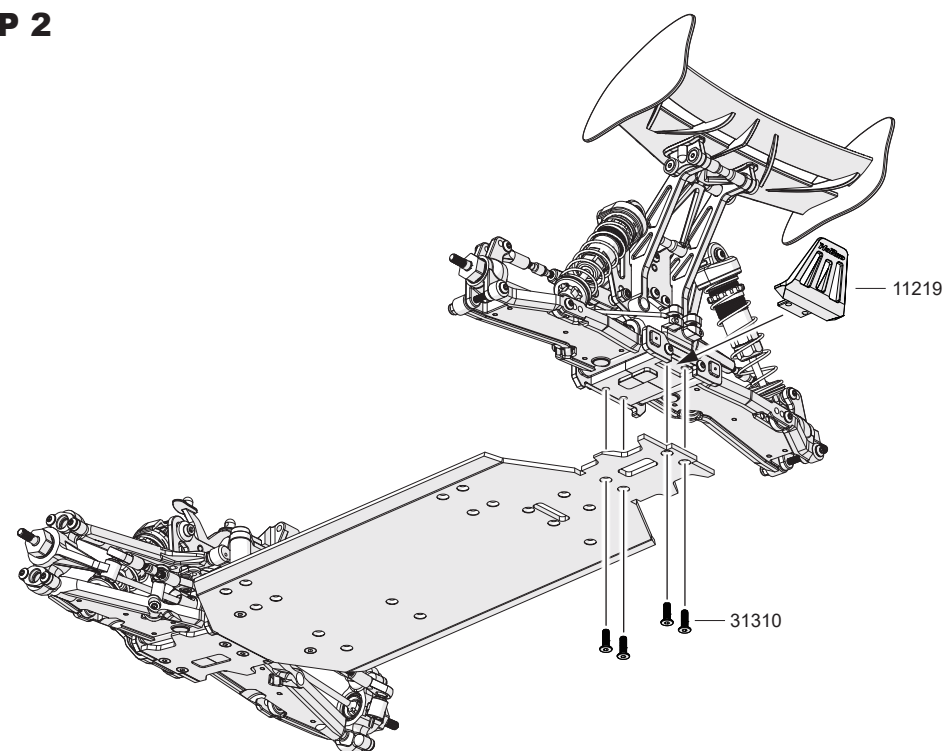


31310
M3x10 x10
F/H Screw

STEP 1



STEP 2



21



31210
M2.6x10 x4
F/H Screw



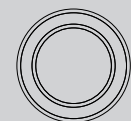
11353
2x11.8mm x2
Shaft



11353
6x1mm x4
O-ring



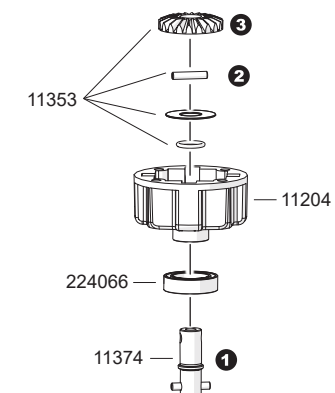
11353
6.1x13.9x0.15mm x2
Washer



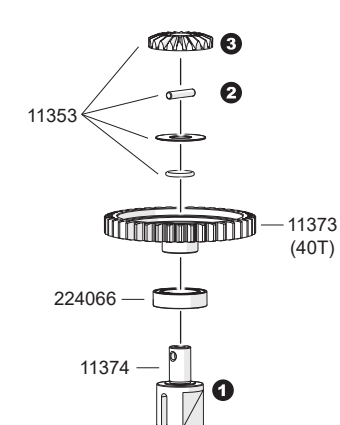
224066
10x15x4mm x2
Ball Bearing

Center Differential Assembly

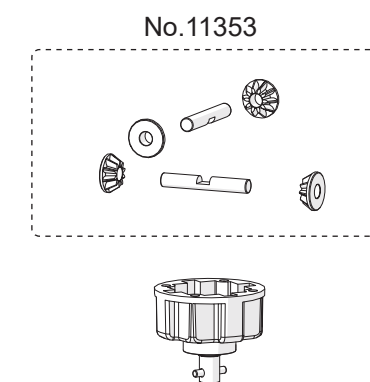
1



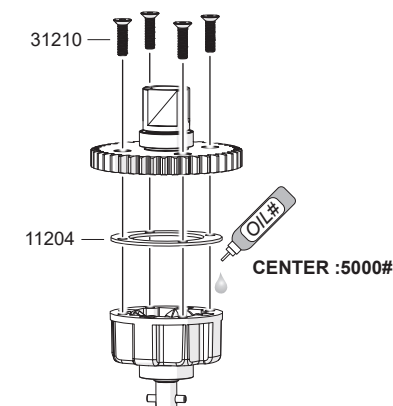
2



3



4



22



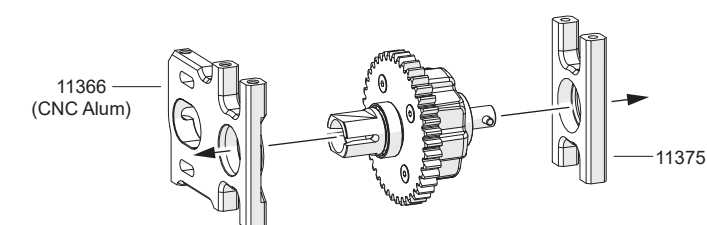
32310
M3x10 x2
Cap Screw



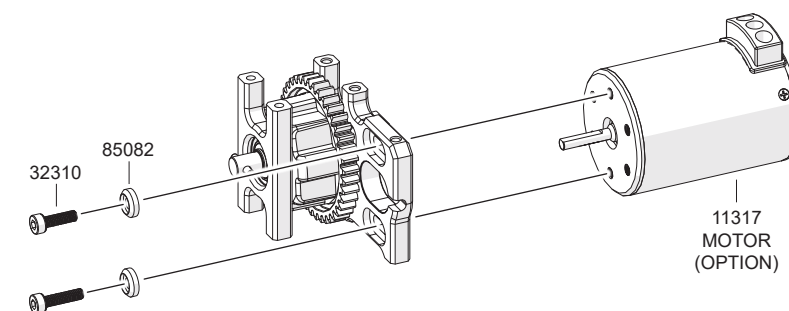
38404
M4x4 x1
Set Screw

Center Differential And Motor Assembly

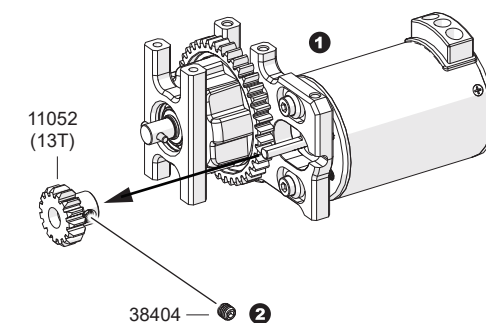
STEP 1



STEP 2



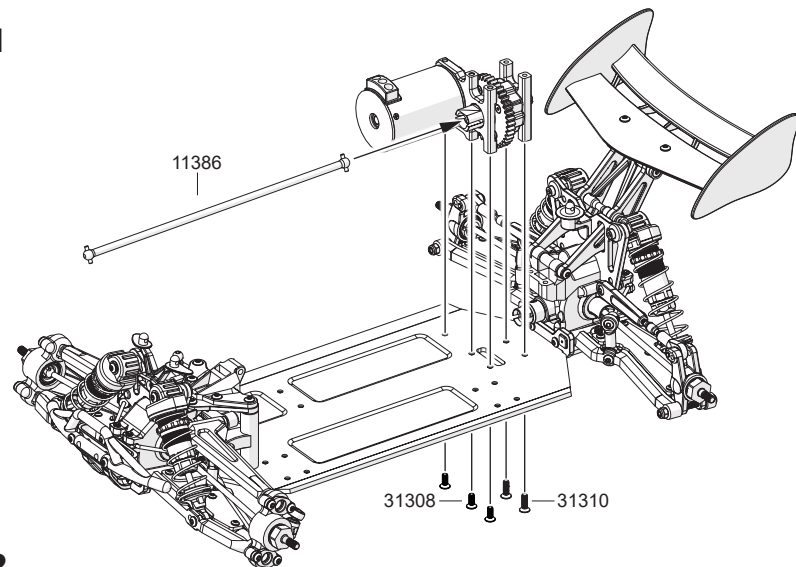
STEP 3



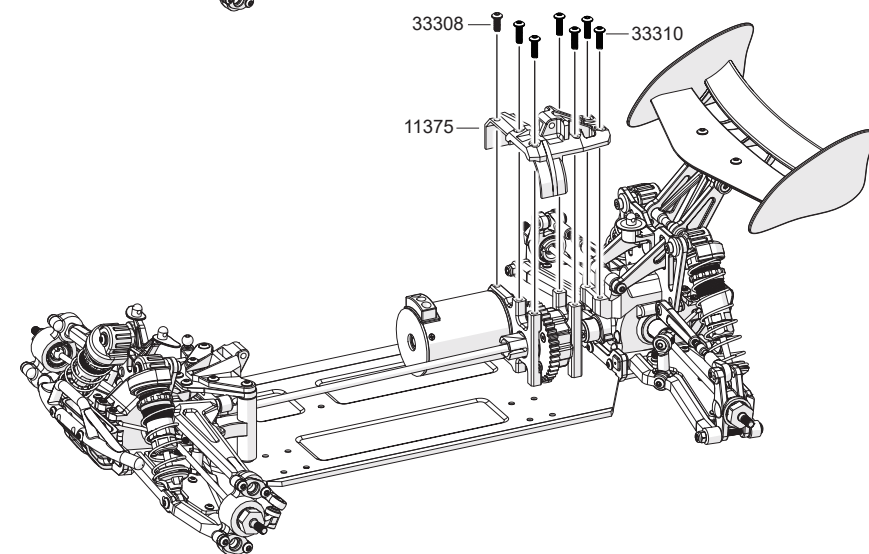
23

Center Drive Shaft And Motor Unit Assembly

STEP 1



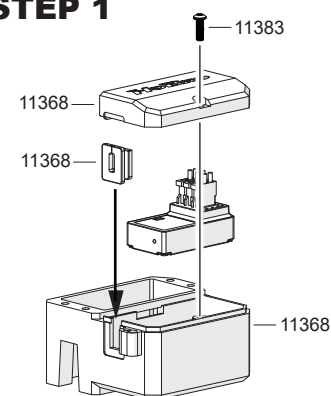
STEP 2



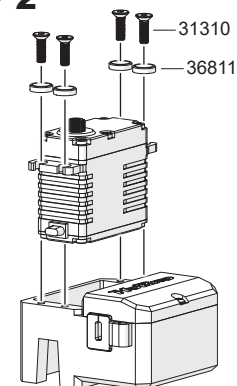
24

Receive Box And Steering Servo Assembly

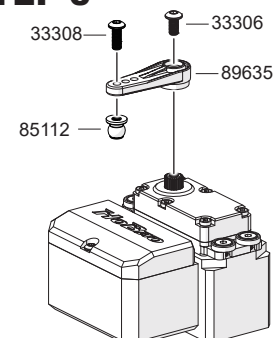
STEP 1



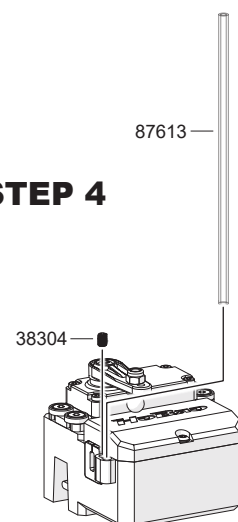
STEP 2



STEP 3



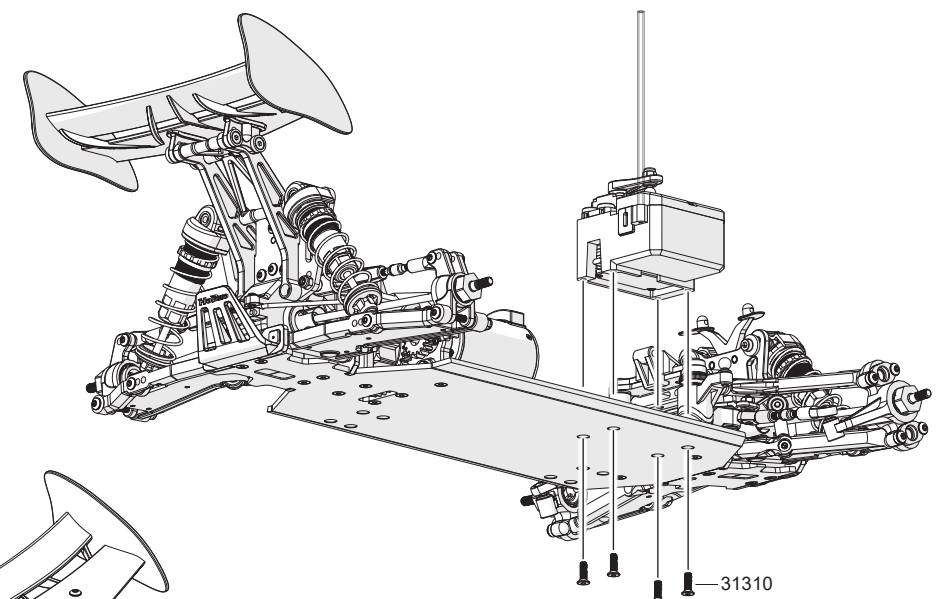
STEP 4



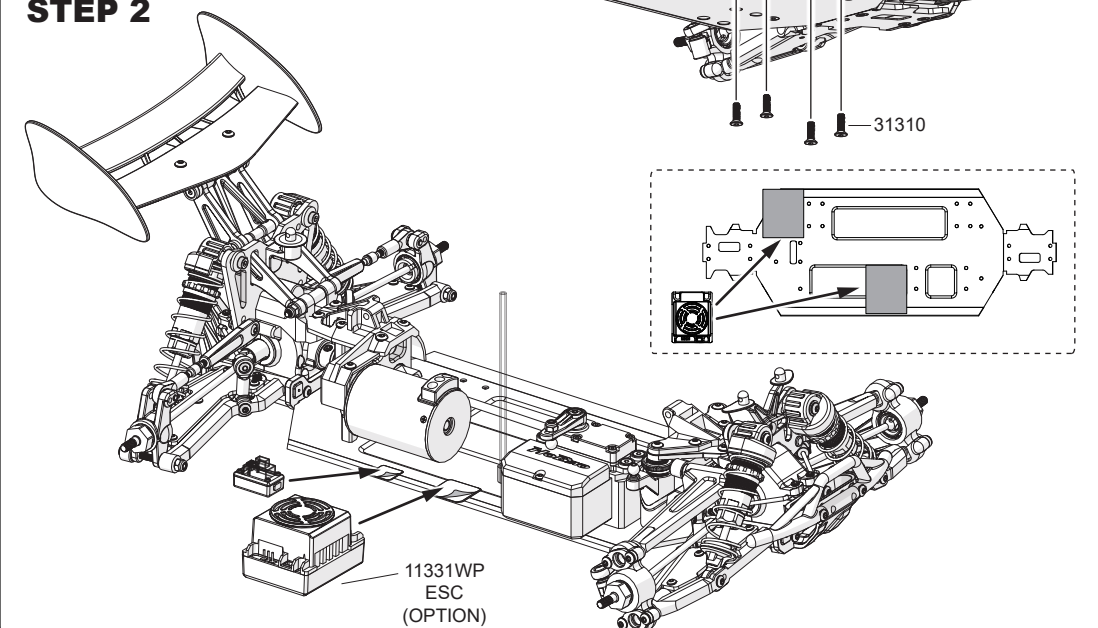
25

Steering Servo And ESC Assembly

STEP 1

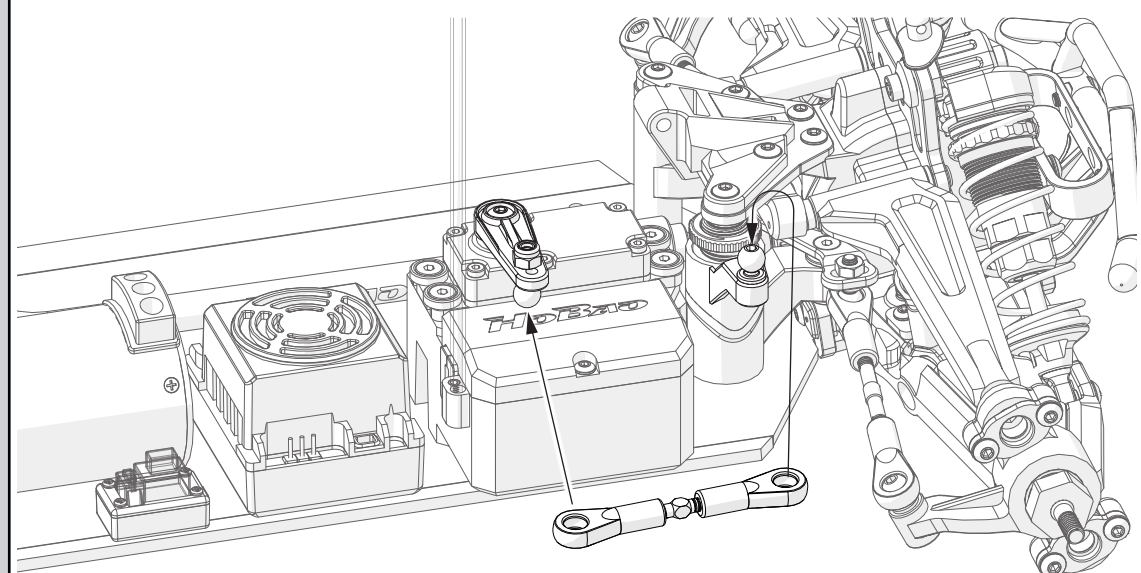
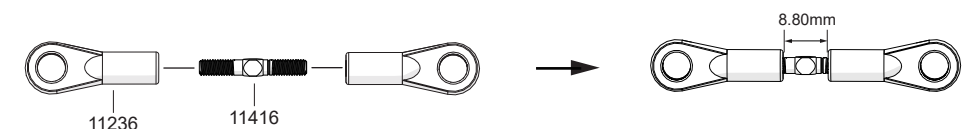


STEP 2



26

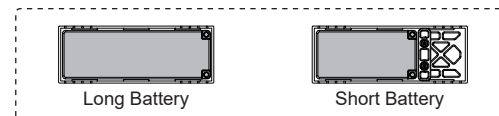
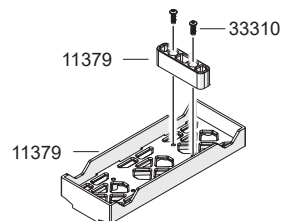
Steering Servo Linkage Assembly



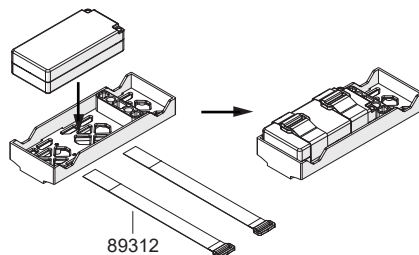
27

Battery Tray Unit Assembly

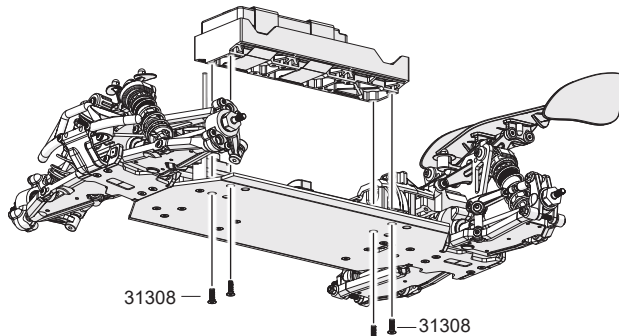
STEP 1



STEP 2

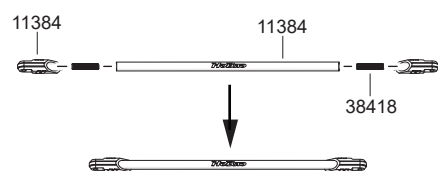


STEP 3

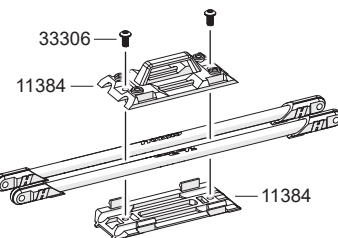


Top Brace Assembly

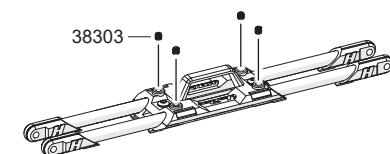
STEP 1



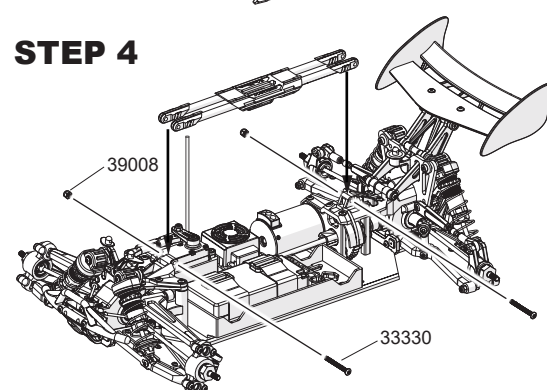
STEP 2



STEP 3



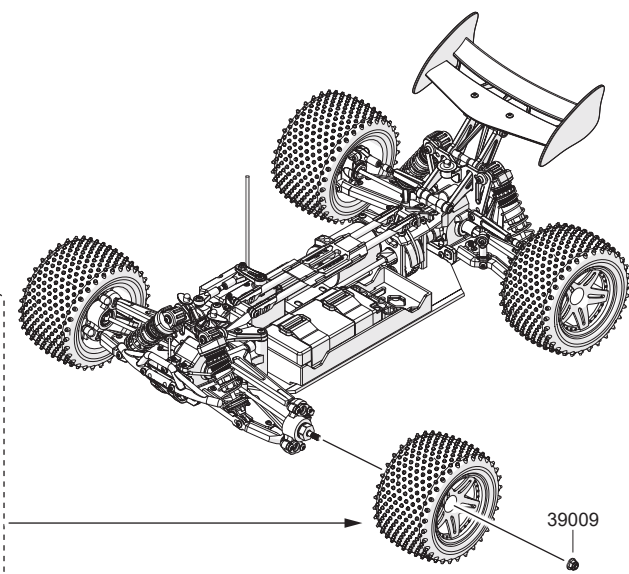
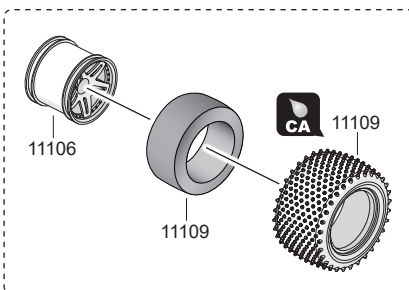
STEP 4



Tires Assembly

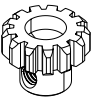
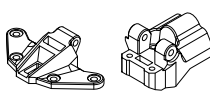
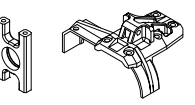
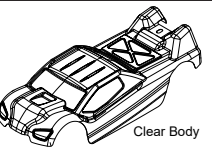
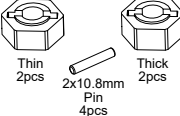
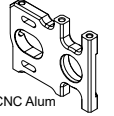
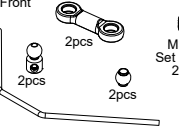
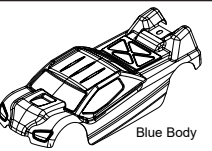
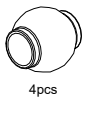
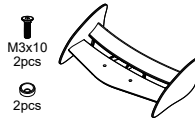
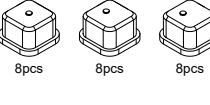
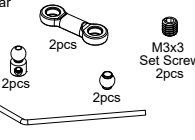
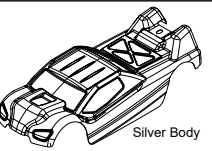
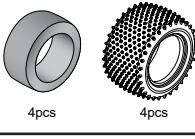
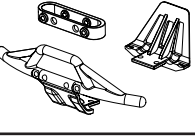
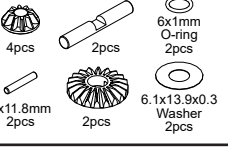
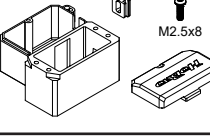
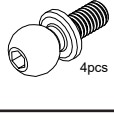
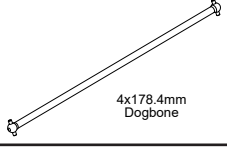
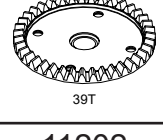
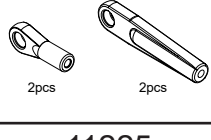
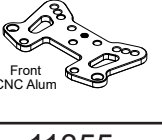
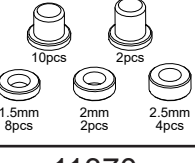
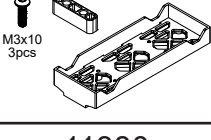
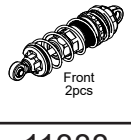
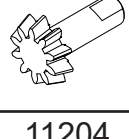
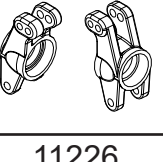
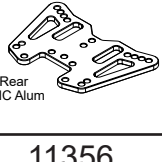
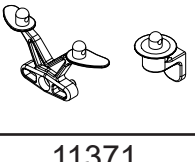
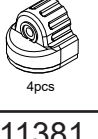
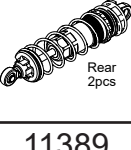
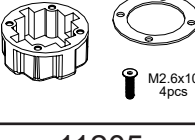
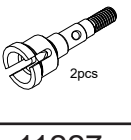
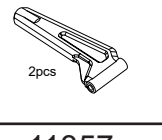
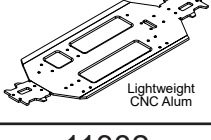
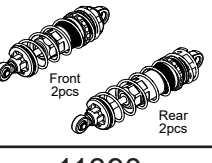
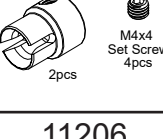
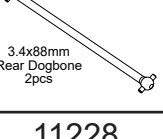
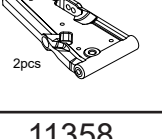
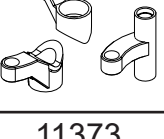
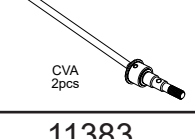
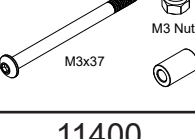
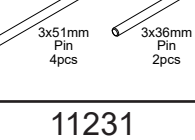
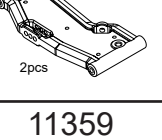
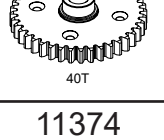
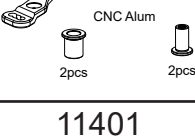
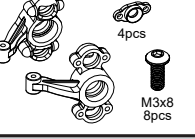
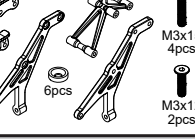
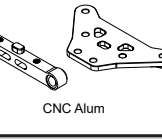
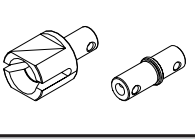
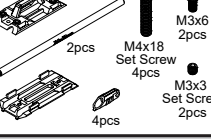
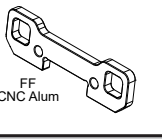
x4

No.11105



HYPER T2.0 Electric

PARTS LIST

11052  13T	11215  4pcs	11236  6pcs	11365  CNC Alum	11375  2pcs	11385  Clear Body
11105  4pcs	11217  Thin 2pcs Thick 2pcs 2x10.8mm Pin 4pcs	11259  M3x35 2pcs	11366  CNC Alum	11376  Front 2pcs Rear 2pcs	11385BU  Blue Body
11106  White Wheel 4pcs	11218-2  4pcs	11271  M3x10 2pcs	11367  8pcs	11377  M3x3 Set Screw 2pcs	11385SV  Silver Body
11109  4pcs	11219  2pcs	11353  4pcs 2pcs 6x1mm O-ring 2pcs 2x11.8mm 2pcs 6.1x13.9x0.3 Washer 2pcs	11368  M2.5x8	11378  4pcs	11386  4x178.4mm Dogbone
11201  39T	11222  2pcs	11354  Front CNC Alum	11369  10pcs 2pcs 1.5mm 8pcs 2mm 2pcs 2.5mm 4pcs	11379  M3x10 3pcs	11387  Front 2pcs
11202  2pcs	11225  2pcs	11355  Rear CNC Alum	11370  4pcs	11380  4pcs	11388  Rear 2pcs
11204  M2.6x10 4pcs	11226  2pcs	11356  2pcs	11371  2pcs 5x8x2.5mm 4pcs	11381  Lightweight CNC Alum	11389  Front 2pcs Rear 2pcs
11205  M4x4 Set Screw 4pcs	11227  3.4x88mm Rear Dogbone 2pcs	11357  2pcs	11372  2pcs	11382  CVA 2pcs	11390  M3x37
11206  2pcs	11228  3x51mm Pin 4pcs 3x36mm Pin 2pcs	11358  2pcs	11373  40T	11383  M2.5x8 10pcs	11400  CNC Alum 2pcs
11214N  M3x8 8pcs	11231  M3x15 4pcs M3x12 2pcs	11359  CNC Alum	11374  2pcs	11384  M4x18 Set Screw 4pcs M3x6 2pcs M3x3 Set Screw 2pcs	11401  FF CNC Alum

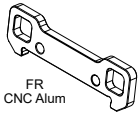
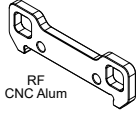
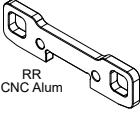
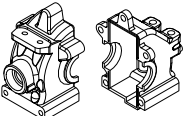
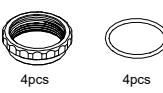
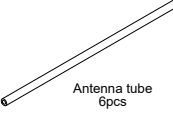
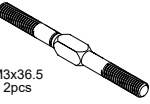
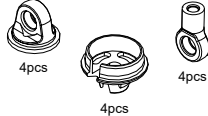
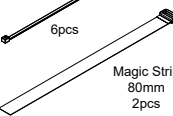
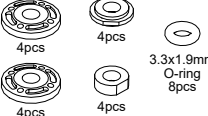
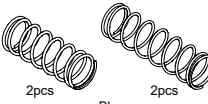
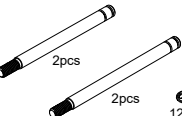
28

- 38303
M3x3 x4
Set Screw
- 33306
M3x6 x2
B/H Screw
- 33330
M3x30 x2
B/H Screw
- 39008
Nylon Nut M3 x2
- 38418
M4x18 x4
Set Screw

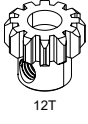
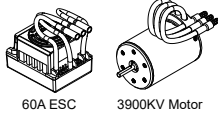
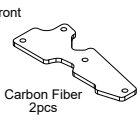
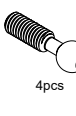
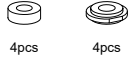
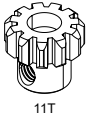
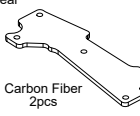
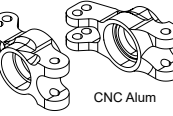
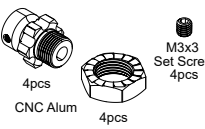
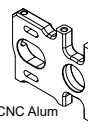
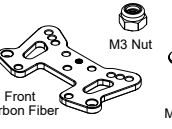
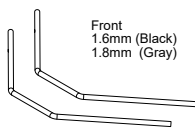
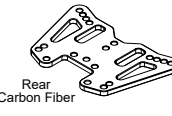
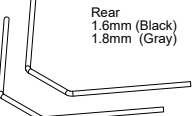
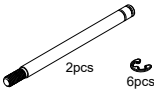
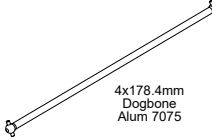
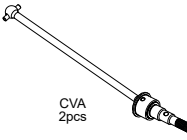
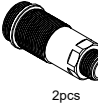
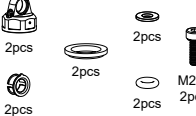
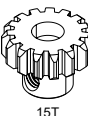
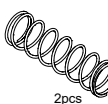
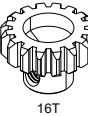
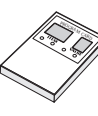
29

- 39009
Nylon Nut M4 x4

PARTS LIST

11402	40044	85152			
 FR CNC Alum	 Rear 2pcs	 M4x10 Set Screw 5pcs			
11403	40045	87031			
 RF CNC Alum	 4pcs	 2pcs			
11404	40046	87044S			
 RR CNC Alum	 4pcs	 4pcs			
11407	40047	87613			
 4pcs	 4pcs	 Antenna tube 6pcs			
11415	40048	89312			
 M3x36.5 2pcs	 4pcs	 Magic Strip 80mm 2pcs			
11416	40049	89635			
 M3x21 2pcs	 4pcs	 CNC Alum M3x8			
36811	40050-1	224065			
 CNC Alum 3mm Washer 10pcs	 2pcs	 5x11x4mm 6pcs			
40041	84075	224066			
 2pcs	 6x13x5mm 4pcs	 10x15x4mm 4pcs			
40042	85082				
 4pcs	 CNC Alum 2pcs				
40043	85112				
 Front 2pcs	 5.8mm Alum 7075 4pcs				

PARTS LIST

OPTIONAL PARTS					
11042	11330WP	OP1-0068	OP1-0078	OP1-0089	
 12T	 60A ESC 3900KV Motor	 Front Carbon Fiber 2pcs	 4pcs	 4pcs	
11051	11331WP	OP1-0069	OP1-0079	OP1-0090	
 11T	 60A ESC	 Rear Carbon Fiber 2pcs	 CNC Alum	 2pcs	
11067	11408	OP1-0070	OP1-0080	OP1-0091	
 4pcs	 CNC Alum	 Front Carbon Fiber	 Brass 4pcs	 Front 1.6mm (Black) 1.8mm (Gray)	
11105Y	40127	OP1-0071	OP1-0081	OP1-0092	
 With Yellow Wheel 4pcs	 Wheel 2pcs	 Rear Carbon Fiber	 Brass 4pcs	 Rear 1.6mm (Black) 1.8mm (Gray)	
11106Y	40130	OP1-0072	OP1-0082		
 Yellow Wheel 4pcs	 2pcs	 4x178.4mm Dogbone Alum 7075	 CVA 2pcs		
11306	40131	OP1-0073	OP1-0084		
 14T	 2pcs	 Front Grey 2pcs	 2pcs		
11311	40132	OP1-0074	OP1-0085		
 15T	 2pcs	 Rear Grey 2pcs	 4pcs		
11312		OP1-0075	OP1-0086		
 16T		 CNC Alum 2pcs	 4pcs		
11317		OP1-0076	OP1-0087		
 3900KV Motor		 CNC Alum +1mm 2pcs	 4pcs		
11318		OP1-0077	OP1-0088		
 4pcs		 CNC Alum 4pcs	 1.0mm x 8 Hole not drilled 4pcs		



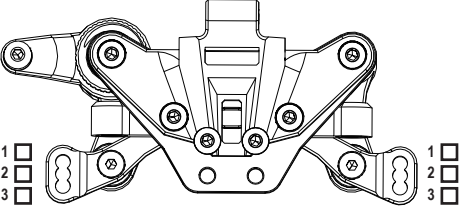
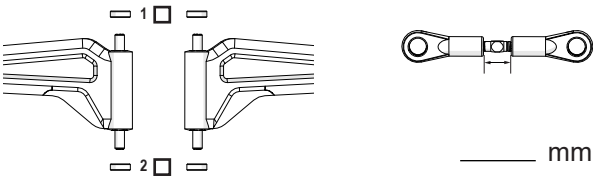
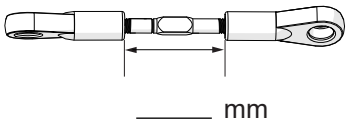
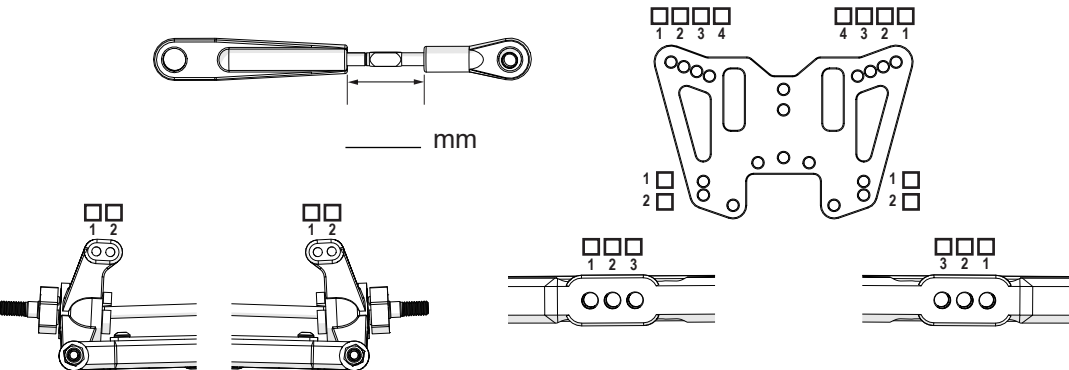
PARTS LIST

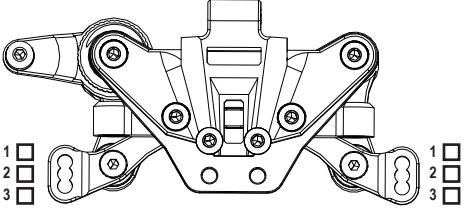
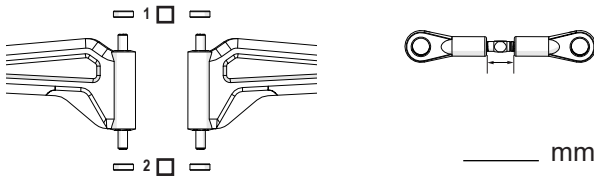
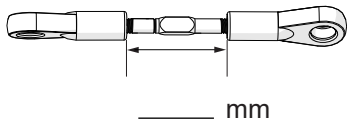
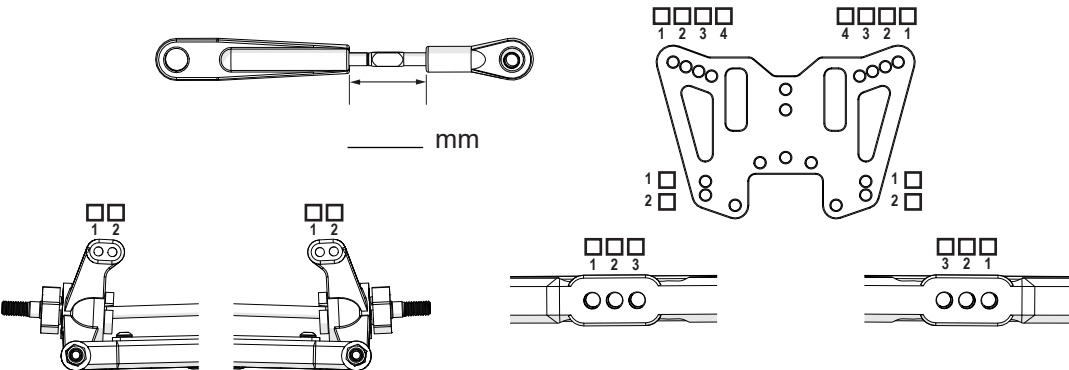
STANDARD PARTS			
11052	MOTOR GEAR 13T	11379	BATTERY TRAY SET
11105	TT TRUCK COMPLETE TIRE SET	11380	SHOCK CAP PROTECTOR
11106	TT WHEEL, 4PCS	11381	CNC ALUM LIGHTWEIGHT CHASSIS
11109	TT TIRES WITH INSERT	11382	CVA DRIVESHAFT SET
11201	CROWN GEAR	11383	M2.5x8 BUTTON HEAD SCREW, 10PCS
11202	DRIVE PINION GEAR	11384	TOP BRACE SET
11204	DIFF CASE W/GASKET	11385	TT 2.0 CLEAR BODY
11205	STEEL JOINT CUP	11385BU	TT 2.0 BLUE BODY
11206	F/R DIFF OUTPUTS	11385SV	TT 2.0 SILVER BODY
11214N	NEW FRONT STEERING KNUCKLES	11386	CENTER DOG BONES 4x178.4MM
11215	PILLOW BALL	11387	FRONT SHOCK ABSORBER SET
11217	WHEEL HEX HUB	11388	REAR SHOCK ABSORBER SET
11218-2	BALLS - 5.8MM	11389	FRONT/REAR SHOCK ABSORBER SET
11219	F/R BUMPER SET	11390	M3X37X8 SCREW WITH TUBE SET
11222	REAR UPPER ARMS	11400	CNC ALUM STEERING RACK SET
11225	REAR HUB CARRIER	11401	CNC ALUM FRONT LOWER ARMS HOLDER(FF)
11226	REAR AXLES	11402	CNC ALUM FRONT LOWER ARMS HOLDER(FR)
11227	REAR DOG BONES 3.4x88MM	11403	CNC ALUM REAR LOWER ARMS HOLDER(RF)
11228	HINGE PIN SET	11404	CNC ALUM REAR LOWER ARMS HOLDER(RR)
11231	WING MOUNT SET	11407	GEAR BOX CASE
11236	TURNBUCKLE ROD ENDS	11415	TURNBUCKLE FOR REAR UPPER ARM
11259	REAR ARM SHAFT - 3x35MM	11416	TURNBUCKLE ROD FOR STEERING
11271	REAR WING	36811	CNC ALUM 3MM WASHER, 10PCS
11353	BEVEL GEAR SET	40041	FRONT/REAR SHOCK SHAFT SET
11354	CNC ALUM FRONT SHOCK TOWER	40042	SHOCK BLADDER
11355	CNC ALUM REAR SHOCK TOWER	40043	FRONT SHOCK BODY
11356	FRONT UPPER ARMS	40044	REAR SHOCK BODY
11357	FRONT LOWER ARMS	40045	SHOCK CAP TOP
11358	REAR LOWER ARMS	40046	SHOCK CAP BOTTOM
11359	CNC ALUM FRONT SERVO SAVER TOP PLATE SET	40047	ADJUSTABLE SHOCK RING
11360	CNC ALUM FRONT LOWER ARMS HOLDER (FF)	40048	SHOCK NYLON SET
11361	CNC ALUM FRONT LOWER ARMS HOLDER (FR)	40049	SHOCK PISTON SET
11362	CNC ALUM REAR LOWER ARMS HOLDER (RF)	40050-1	FRONT/REAR SHOCK SPRING - BLUE, 4PCS
11363	CNC ALUM REAR LOWER ARMS HOLDER (RR)	84075	BEARING 6x13x5MM
11365	CENTER TOP BRACE MOUNT SET	85082	ALUM WASHER FOR MOTOR MOUNT
11366	CNC ALUM MOTOR MOUNT	85112	ALUM 7075 FLANGED BALLS - 5.8MM
11367	ARM HOLDER PILL INSERTS	85152	DROOP SCREW
11368	RECEIVER BOX SET	87031	SHOCK BALLS - 5.8MM
11369	HINGE PIN BUSHINGS	87044S	ALUM COLLAR 3x10MM
11370	FRONT/REAR BODY POST	87613	ANTIENNA TUBE, 6 PCS
11371	SERVO SAVER HUB SET	89312	MAGIC STRIP (80mm), 3PCS
11372	STEERING BELL CRANK SET	89635	CNC ALUM FUTABA SERVO HORN (25T)
11373	SPUR GEAR 40T	224065	BEARING 5x11x4MM
11374	CENTER DIFFERENTIAL OUTDRIVE CUP	224066	BEARING 10x15x4MM
11375	CENTER DIFFERENTIAL MOUNT & GEAR COVER		
11376	FRONT ANTI ROLL BAR SET		
11377	REAR ANTI ROLL BAR SET		
11378	BALL STUD 5.8MM		



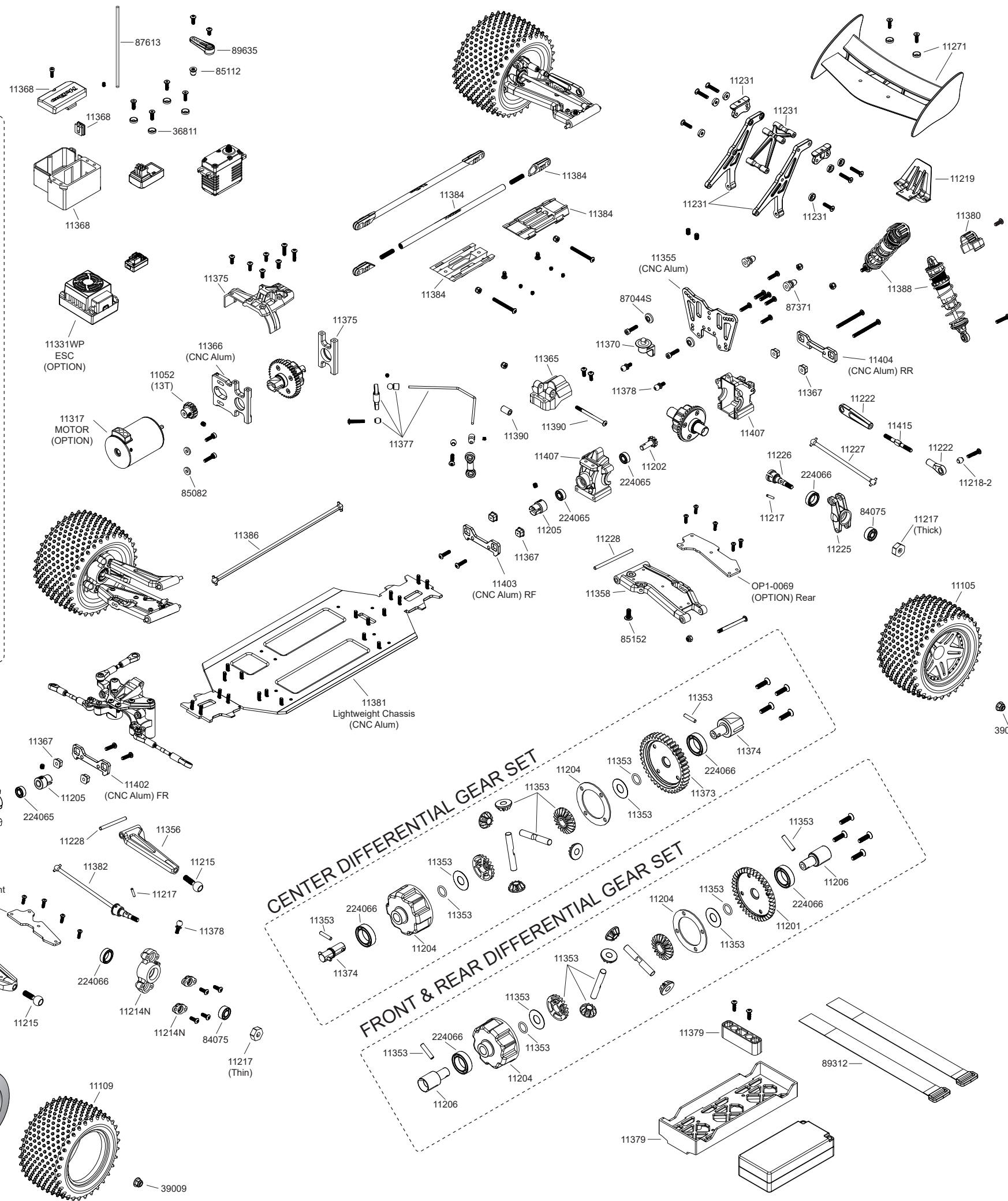
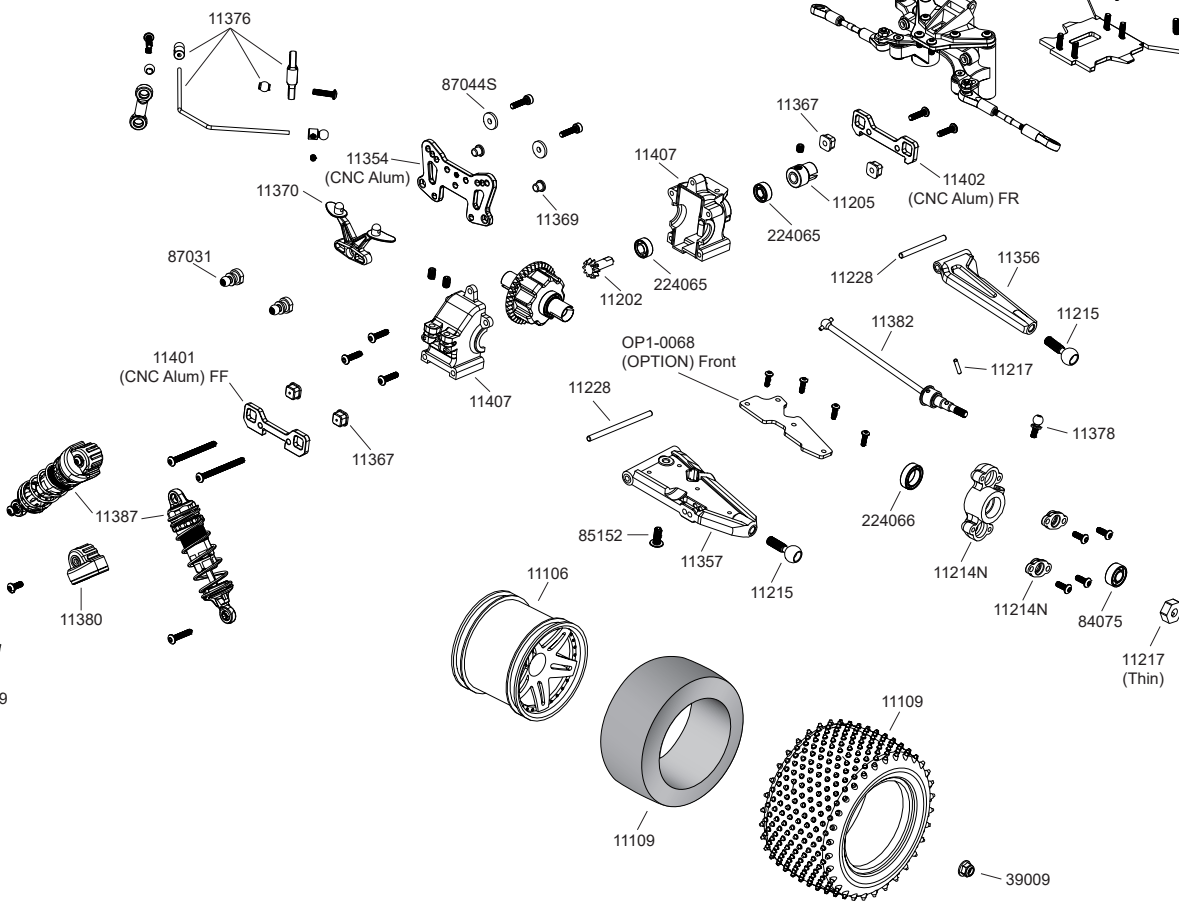
PARTS LIST

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Name:		Date:																	
Track:		Event:																	
Note:																			
Steering		Servo Linkage																	
																			
Front Arms		Rear Arms																	
																			
Ride Height (F/R) , Camber and Toe																			
No.11367 ARM HOLDER PILL INSERTS																			
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			D(RR):																

Electric

[illegible]

40045	
40048	
40042	
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40047	
40050-1	
40048	
40048	
11218-2	