



HYPER 10SC20

**1/10th
SCALE**

Electric

HoBao

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

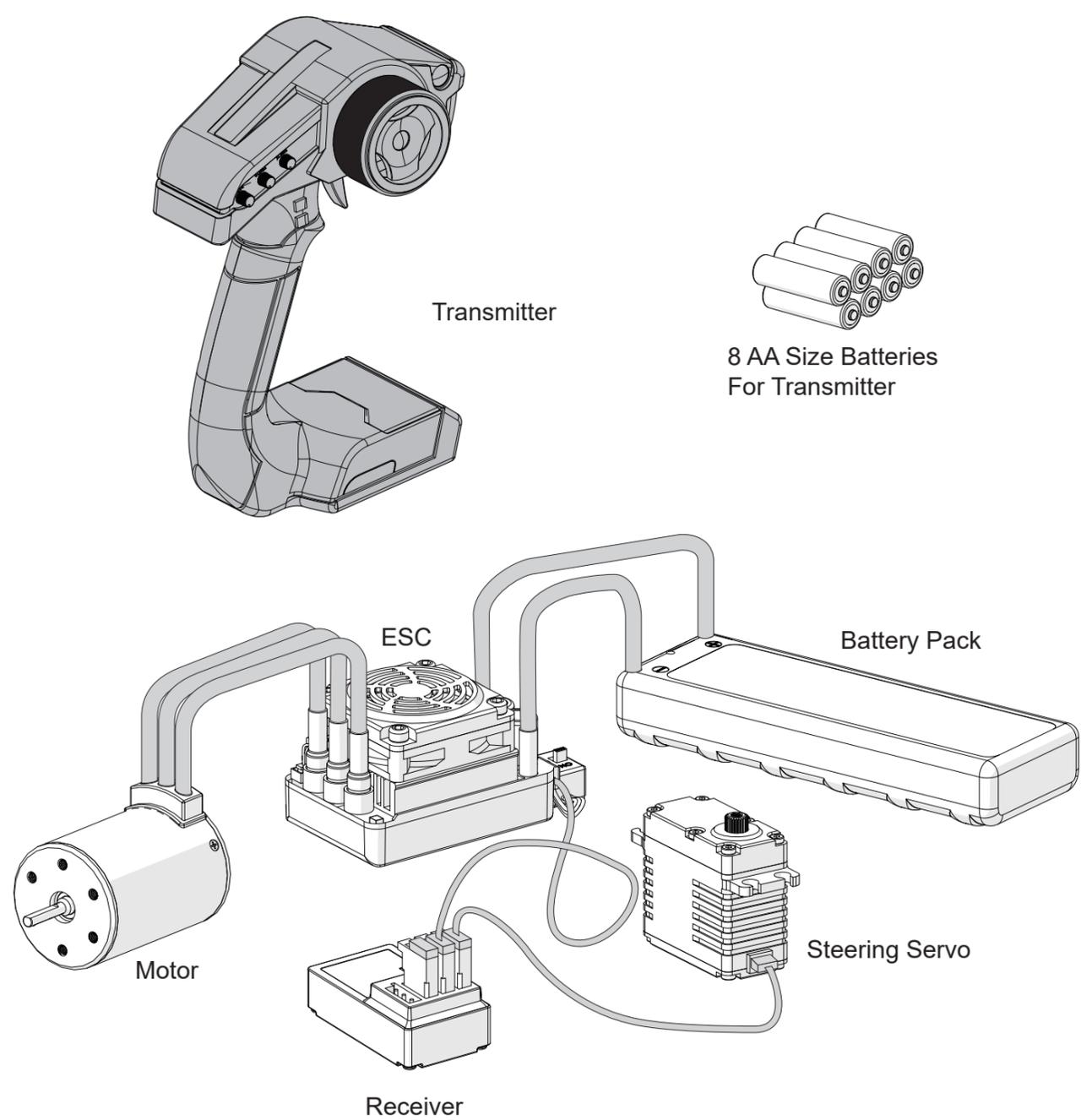


INSTRUCTION MANUAL

HYPER 10SC20

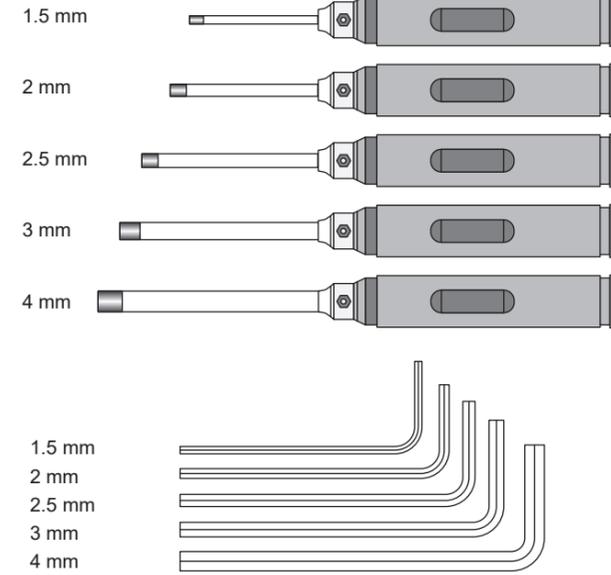
REQUIRED

Radio Control Equipment Set

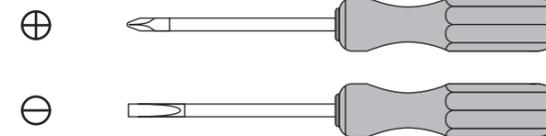


Tools Recommended

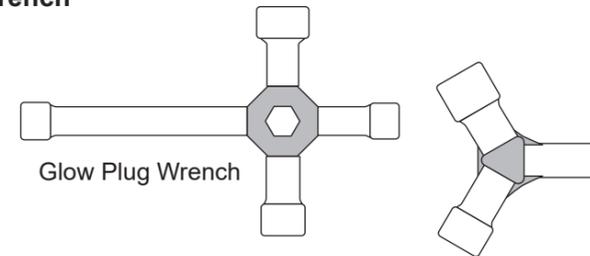
Hex Wrench



Screwdriver



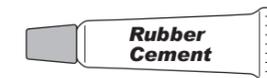
Wrench



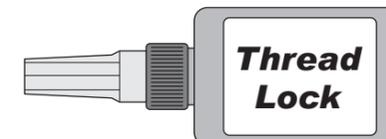
Instant Cement



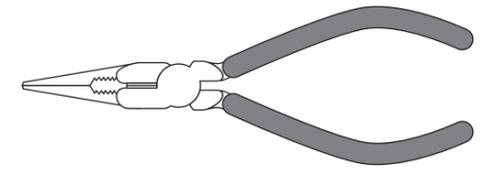
Rubber Cement



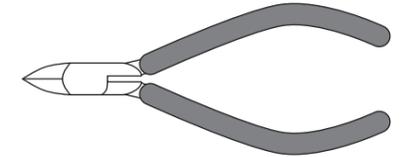
Thread Lock



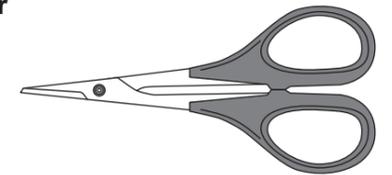
Long Nose Pliers



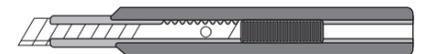
Side Cutter



Curved Scissor



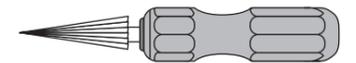
Modeling Knife



Tweezers



Reamer



Grease

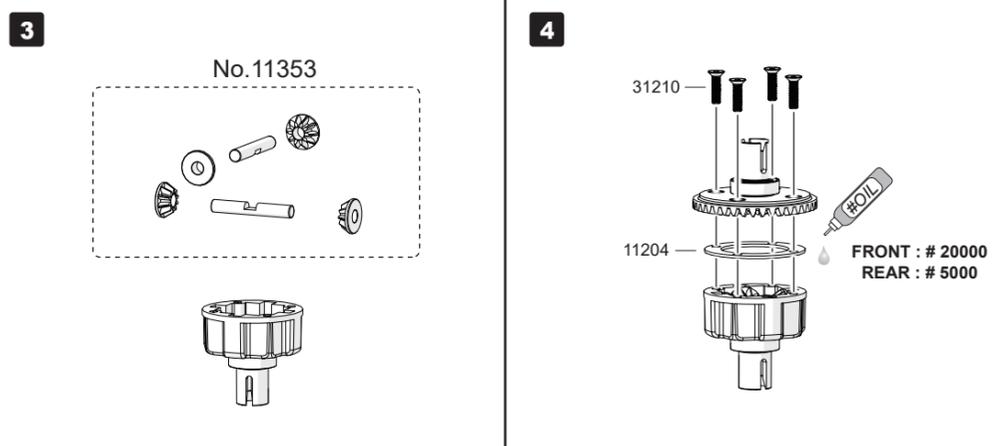
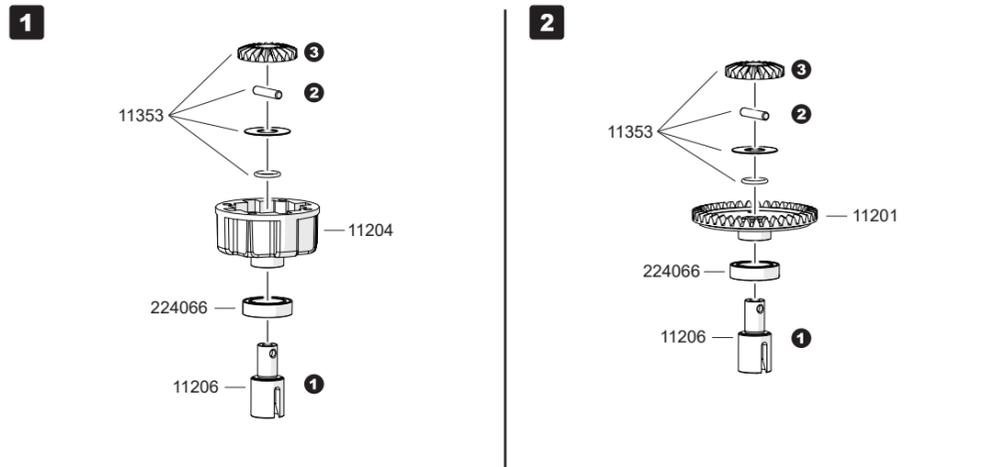


Silicone Oil

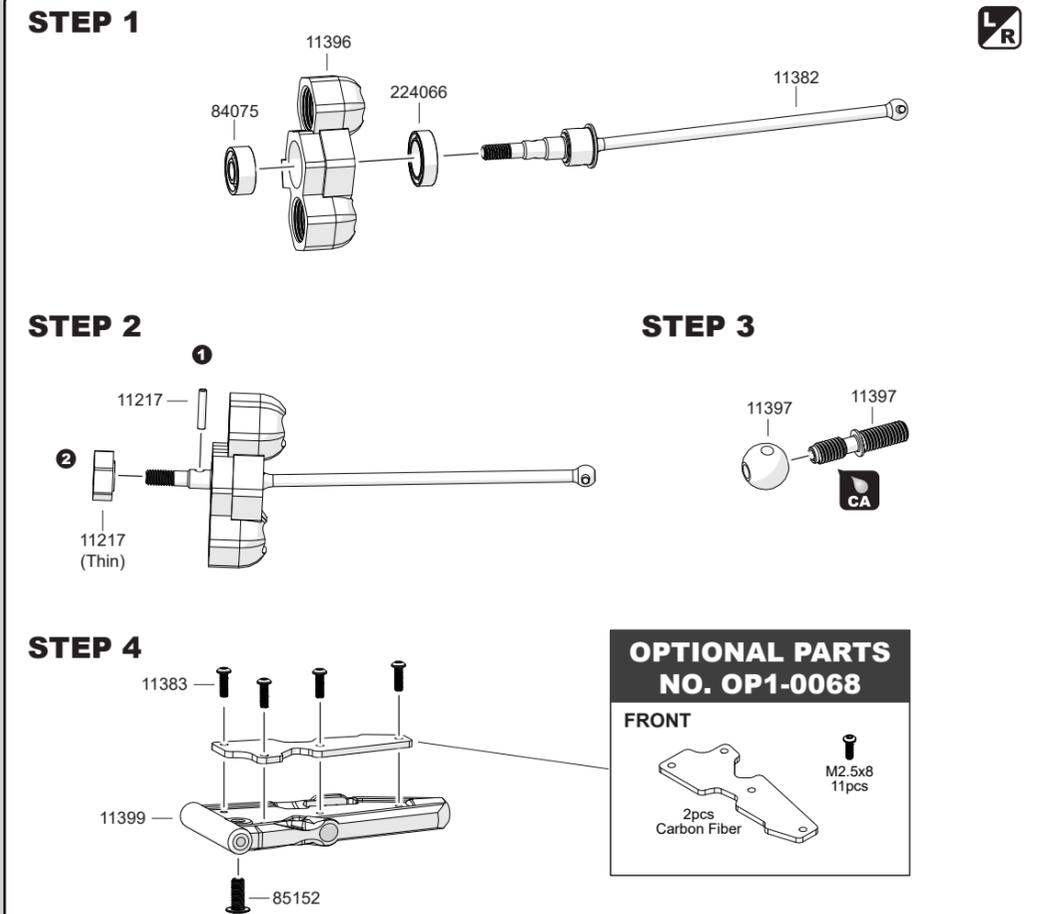


1**Front / Rear Differential Assembly****x2**

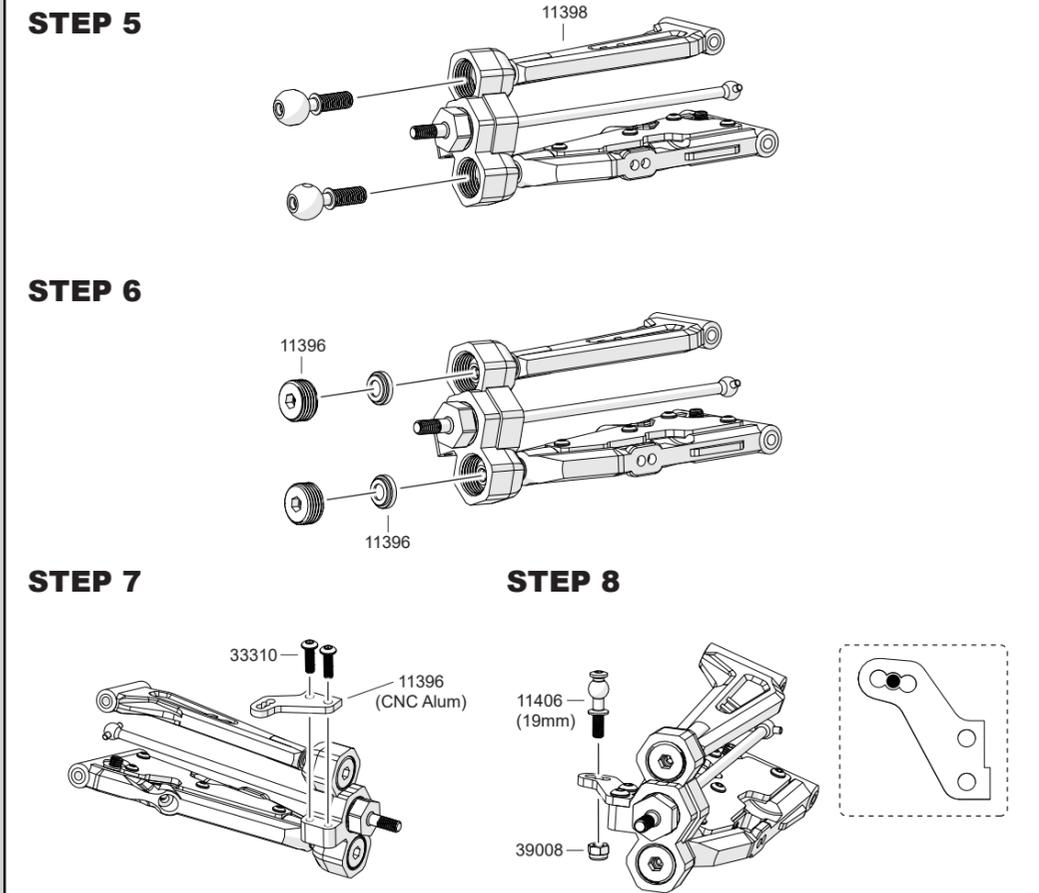
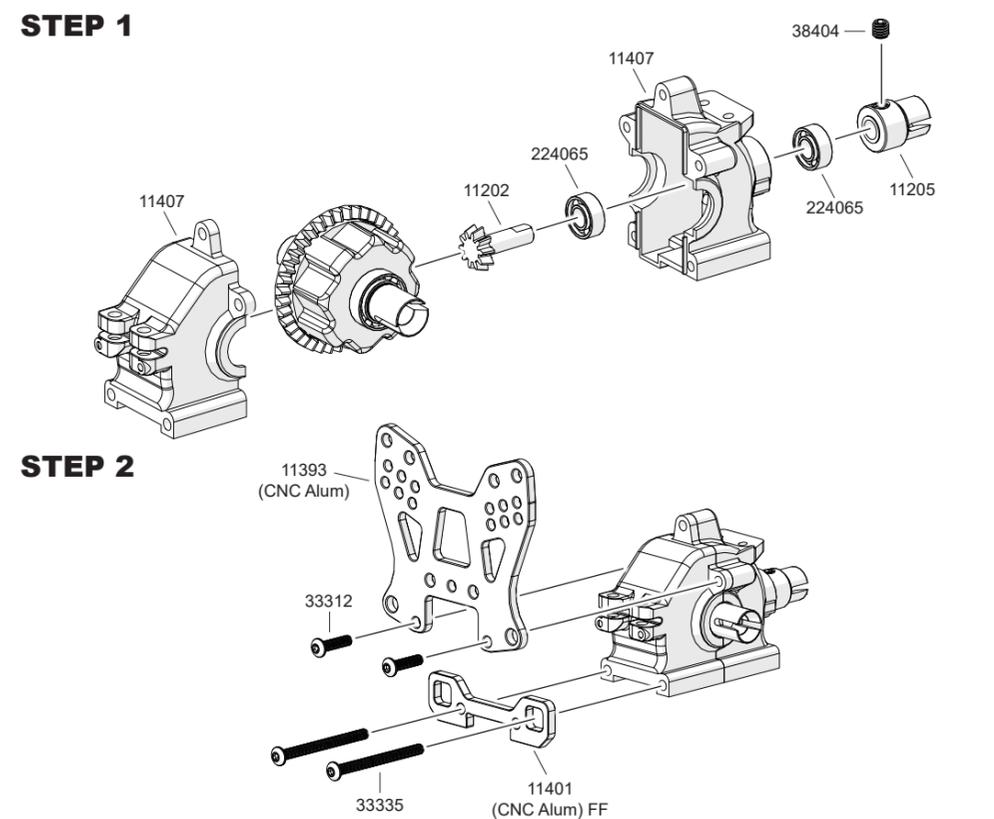
-  31210
M2.6x10 x4
F/H Screw
-  11353
2x11.8mm x2
Shaft
-  11353
6x1mm x4
O-ring
-  11353
6.1x13.9x0.15mm x2
Washer
-  224066
10x15x4mm x2
Ball Bearing

**3****Front Pivot Ball Steering And Suspension Arm With CVA Shaft Assembly**

-  11383
M2.5x8 x8
B/H Screw
-  85152
M4x10 x2
Set Screw
-  33310
M3x10 x4
B/H Screw
-  84075
6x13x5mm x2
Ball Bearing
-  224066
10x15x4mm x2
Ball Bearing
-  11217
2x10.8mm x2
Shaft
-  39008
Nylon Nut M3 x2

**2****Front Gear Box And CNC Alum Shock Tower With Arm Holder Assembly**

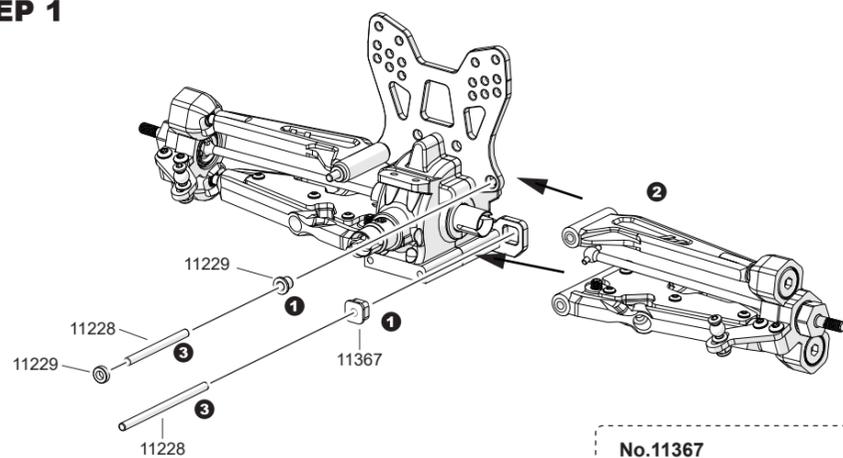
-  38404
M4x4 x1
Set Screw
-  33312
M3x12 x3
B/H Screw
-  33335
M3x35 x2
B/H Screw
-  224065
5x11x4mm x2
Ball Bearing



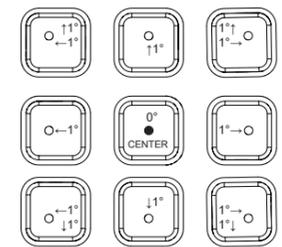
4

Front Suspension Arm And Lower Arm Holder Assembly

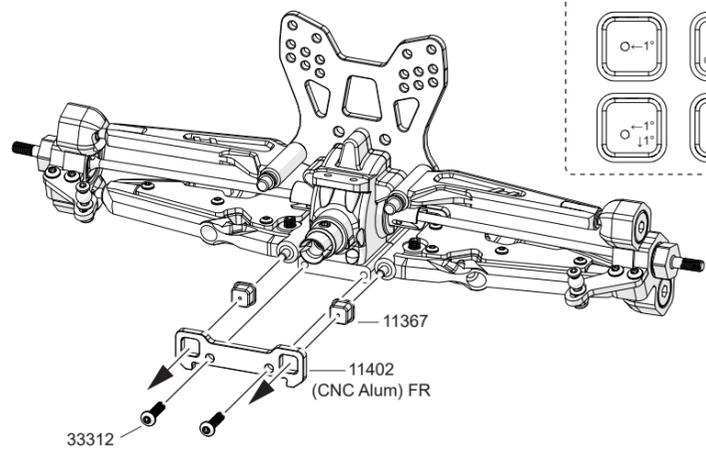
STEP 1



No.11367
ARM HOLDER PILL INSERTS



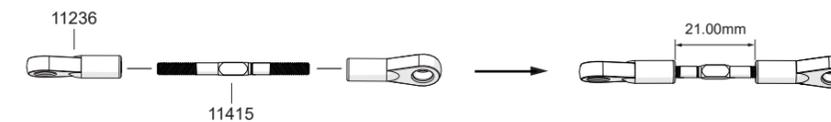
STEP 2



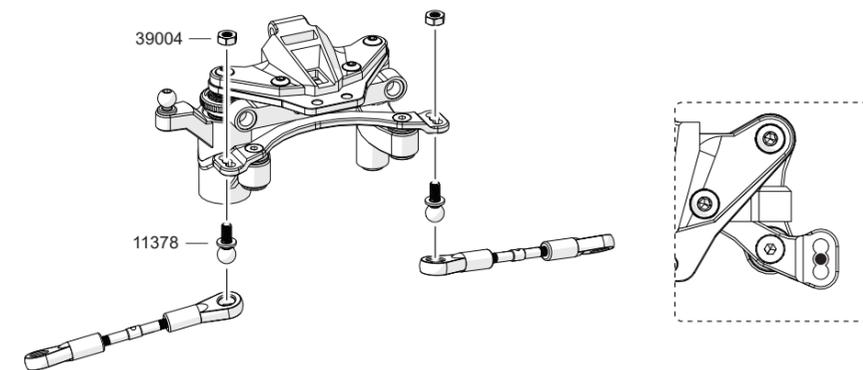
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Servo Saver Assembly 2

STEP 1



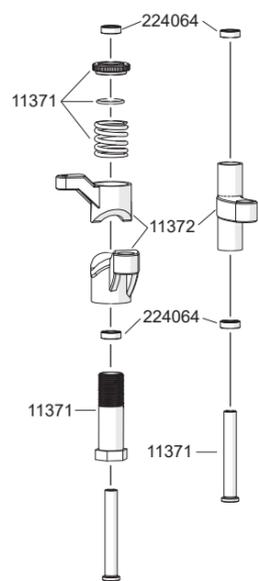
STEP 2



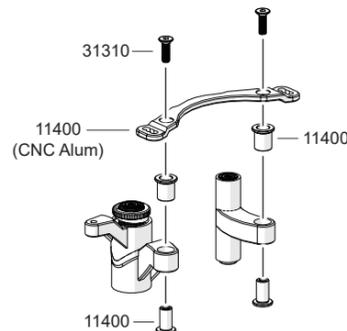
5

Servo Saver Assembly 1

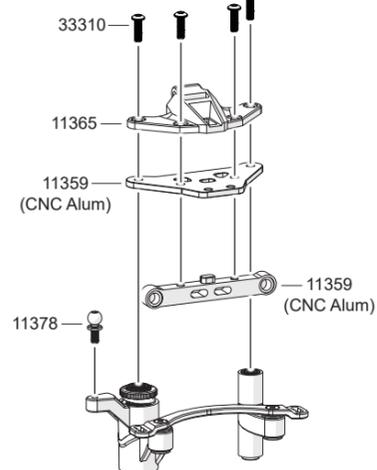
STEP 1



STEP 2



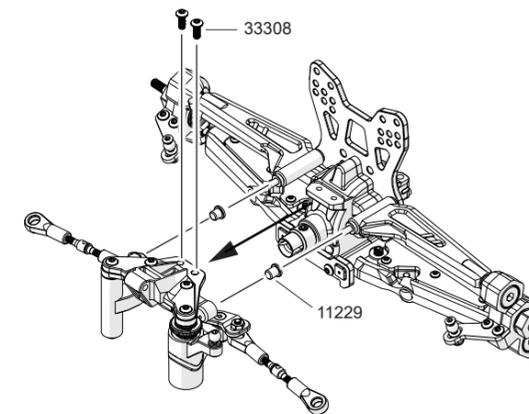
STEP 3



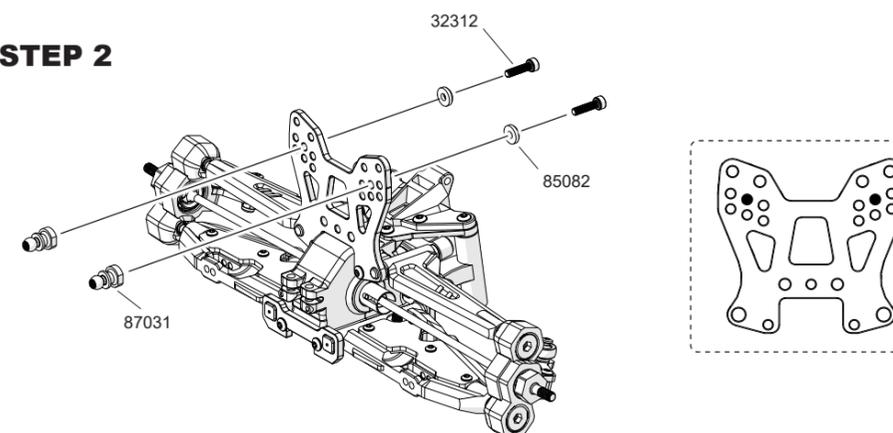
7

Servo Saver Assembly 3

STEP 1



STEP 2



33312
M3x12 x2
B/H Screw



39004
M3 Nut x2



31310
M3x10 x2
F/H Screw



33310
M3x10 x4
B/H Screw



224064
5x8x2.5mm x2
Ball Bearing



33308
M3x8 x2
B/H Screw

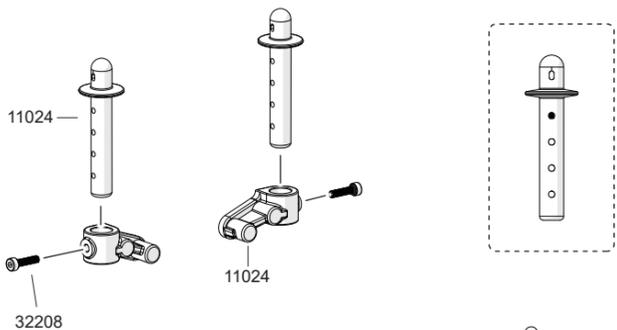


32312
M3x12 x2
Cap Screw

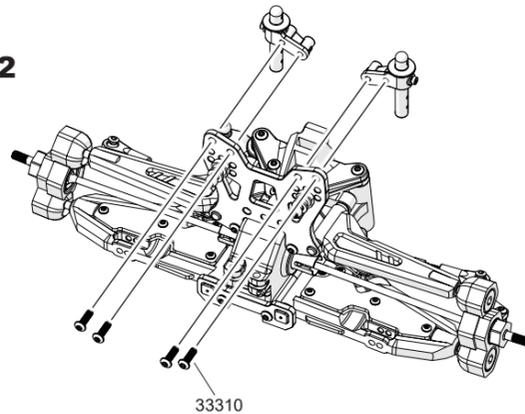
8

Front Body Mount Assembly

STEP 1



STEP 2



32208
M2x8 x2
Cap Screw

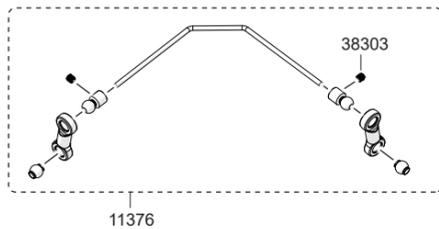


33310
M3x10 x2
B/H Screw

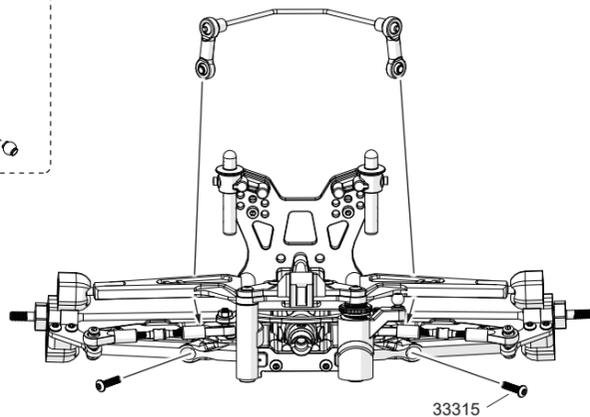
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Front Sway Bar Assembly

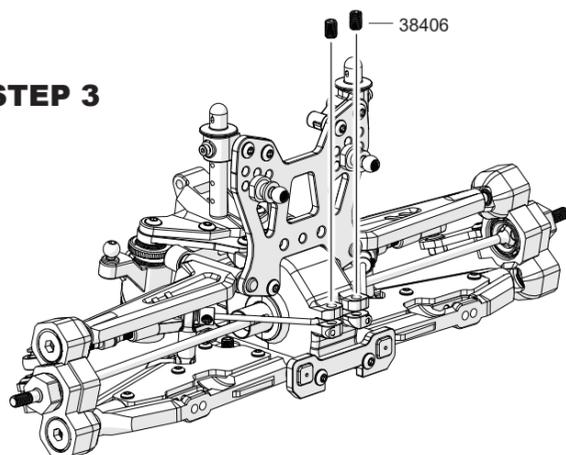
STEP 1



STEP 2



STEP 3



38303
M3x3 x2
Set Screw



38406
M4x6 x2
Set Screw



33315
M3x15 x2
B/H Screw

10

Front Shock Absorber Assembly

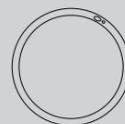
x2



40049
3.3x1.9mm x8
O-ring

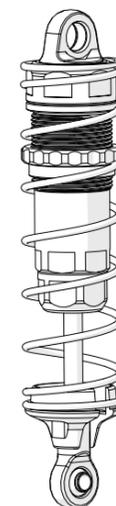


40049
11.9x11.6mmx2.5 x4

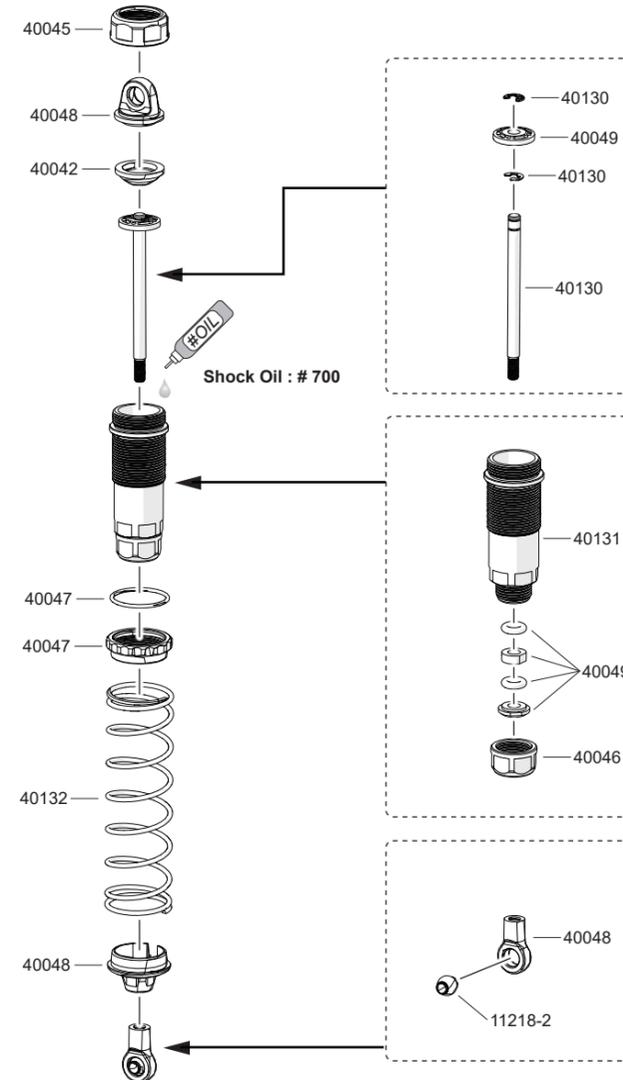


40047
15x1mm x4
O-ring

Front Shock Set No.40133



With #700 Oil



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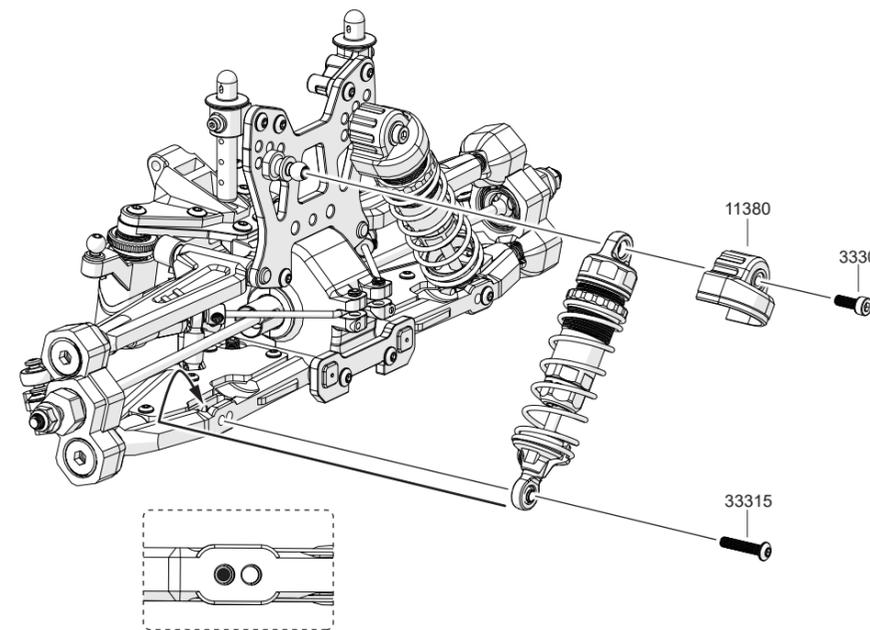
Front Shock Assembly



33306
M3x6 x2
B/H Screw



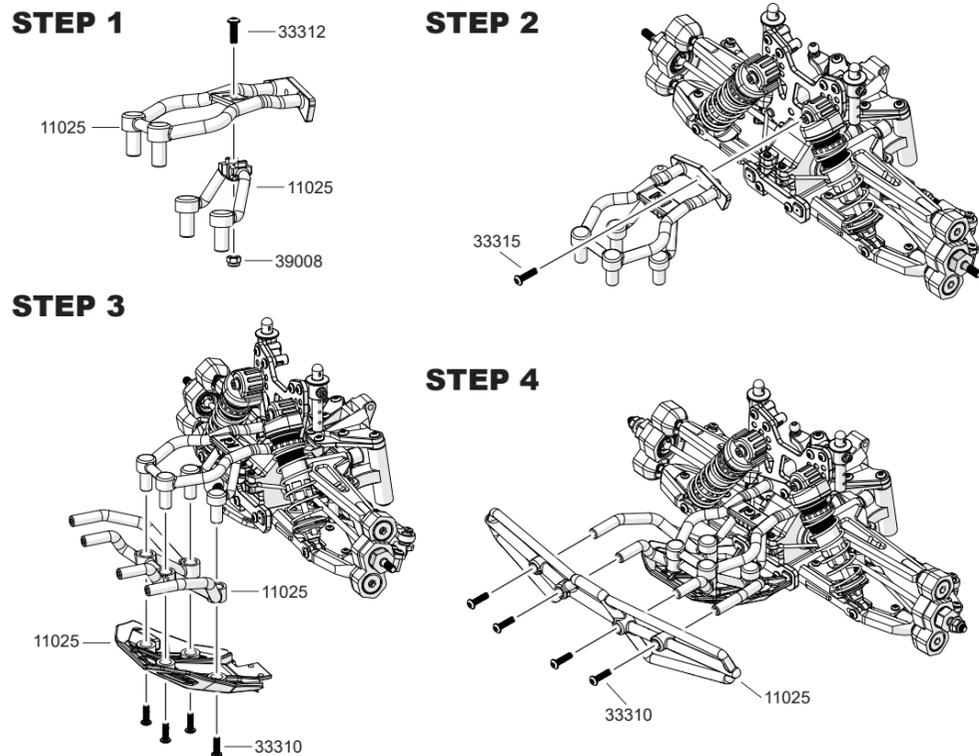
33315
M3x15 x2
B/H Screw



12

Front Bumper Assembly

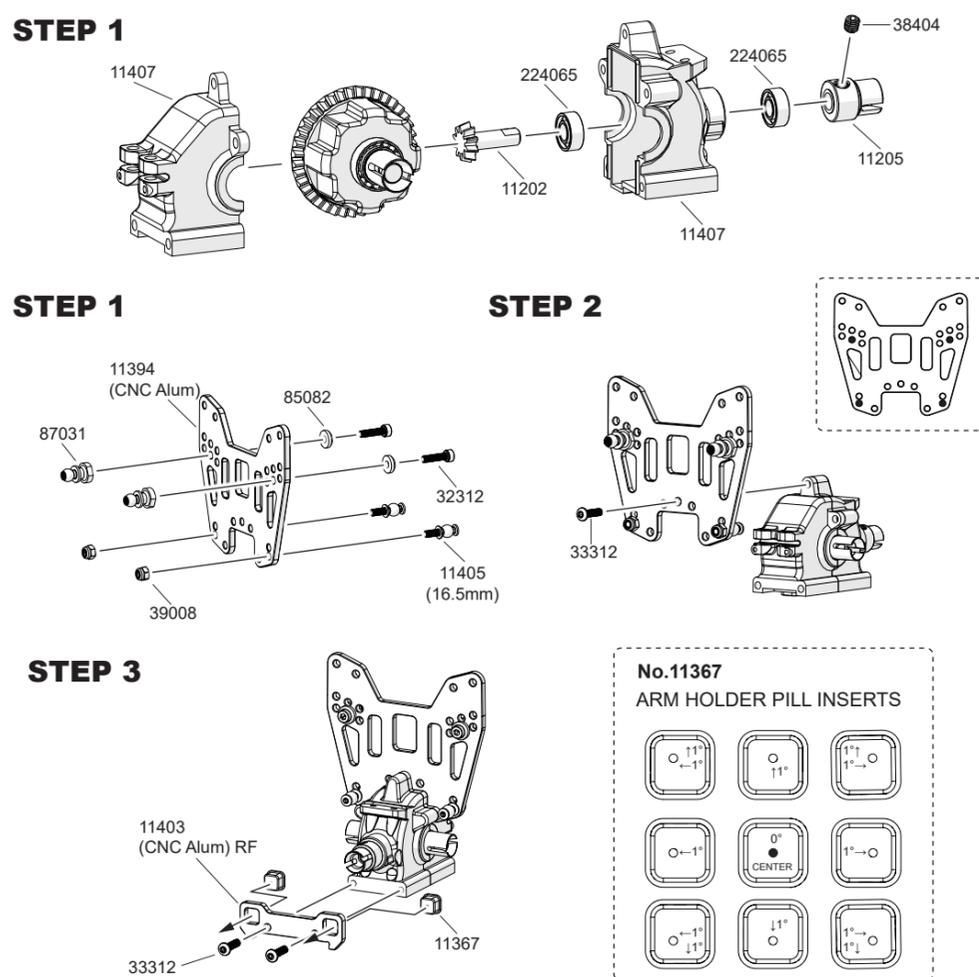
-  33310
M3x10 x8
B/H Screw
-  33312
M3x12 x1
B/H Screw
-  33315
M3x15 x1
B/H Screw
-  39008
Nylon Nut M3 x2



13

Rear Gear Box And CNC Alum Shock Tower Assembly

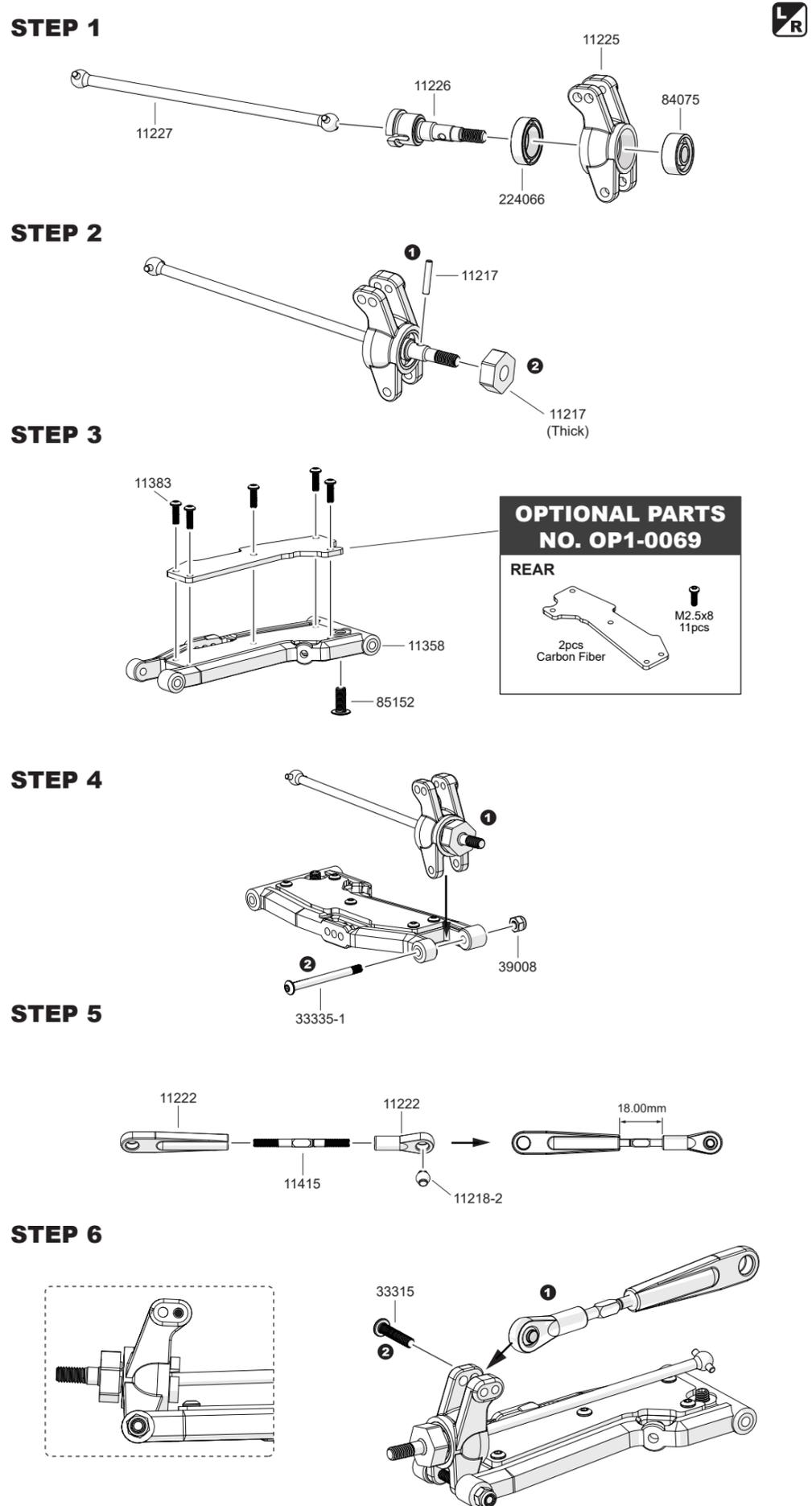
-  38404
M4x4 x1
Set Screw
-  32312
M3x12 x2
Cap Screw
-  33312
M3x12 x3
B/H Screw
-  224065
5x11x4mm x2
Ball Bearing
-  39008
Nylon Nut M3 x2



14

Rear Suspension Arm And Axle Assembly

-  11383
M2.5x8 x10
B/H Screw
-  85152
M4x10 x2
Set Screw
-  84075
6x13x5mm x2
Ball Bearing
-  224066
10x15x4mm x2
Ball Bearing
-  11217
2x10.8mm x2
Shaft
-  33315
M3x15 x2
B/H Screw
-  33335-1
M3x35 x2
B/H Screw
-  39008
Nylon Nut M3 x2

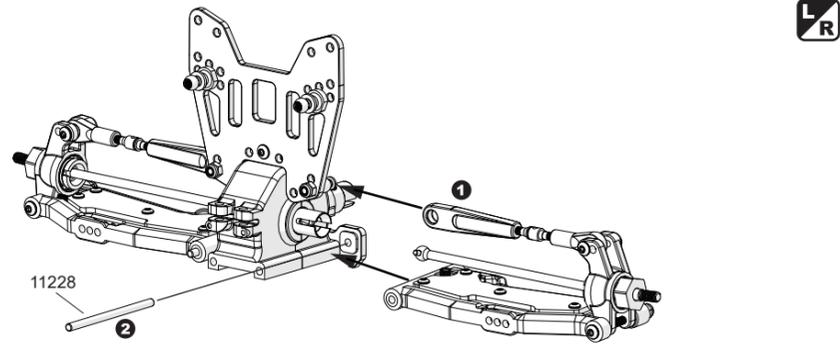


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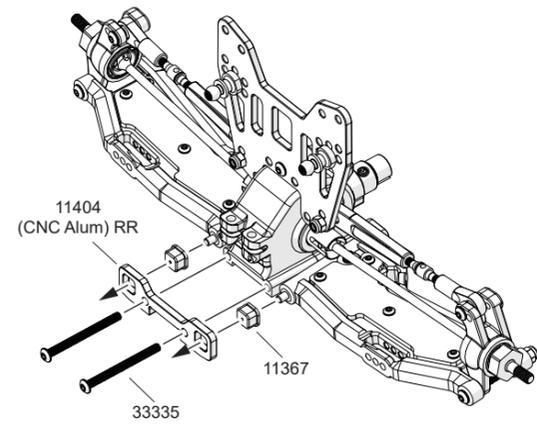
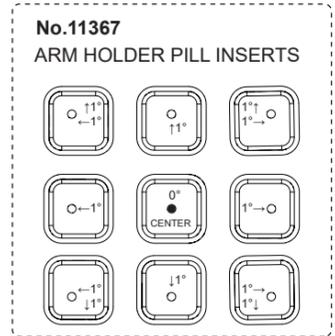
Rear Suspension Arm Assembly



STEP 1

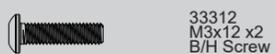
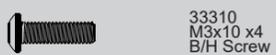
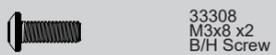
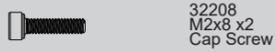


STEP 2

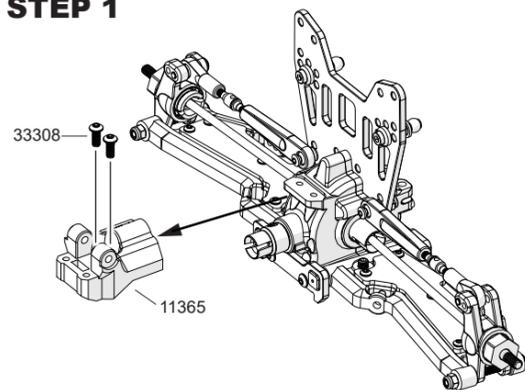


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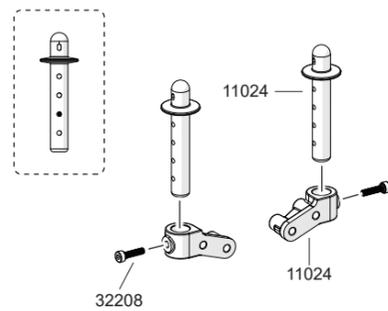
Rear Body Mount Assembly



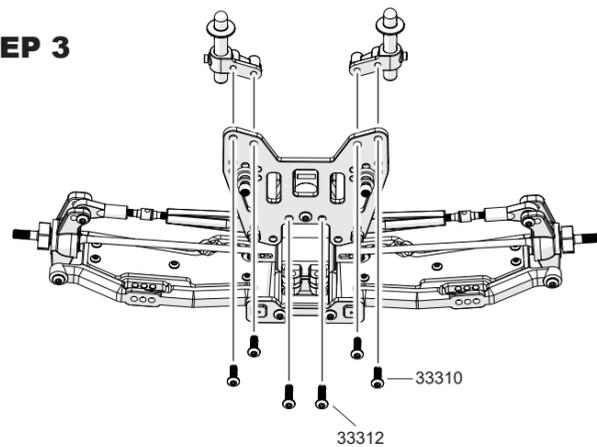
STEP 1



STEP 2

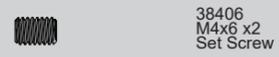
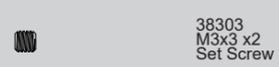


STEP 3

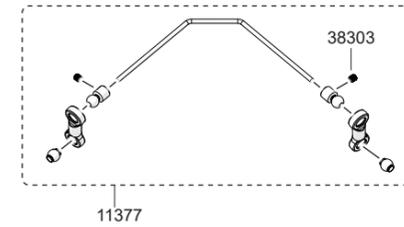


17

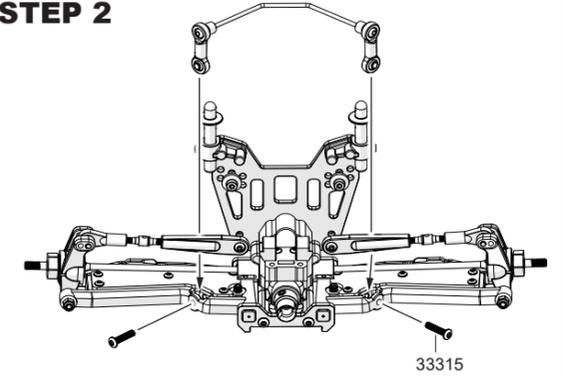
Rear Sway Bar Assembly



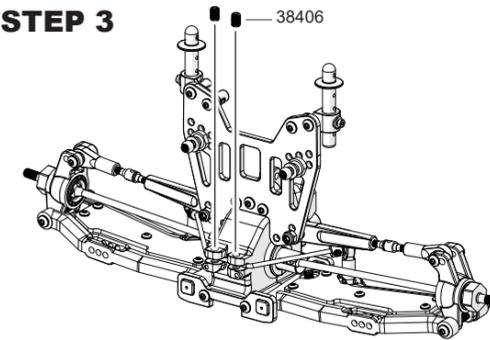
STEP 1



STEP 2



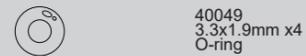
STEP 3



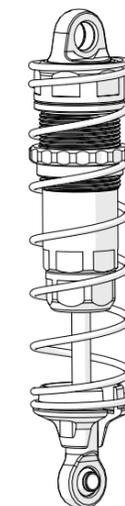
18

Rear Shock Absorber Assembly

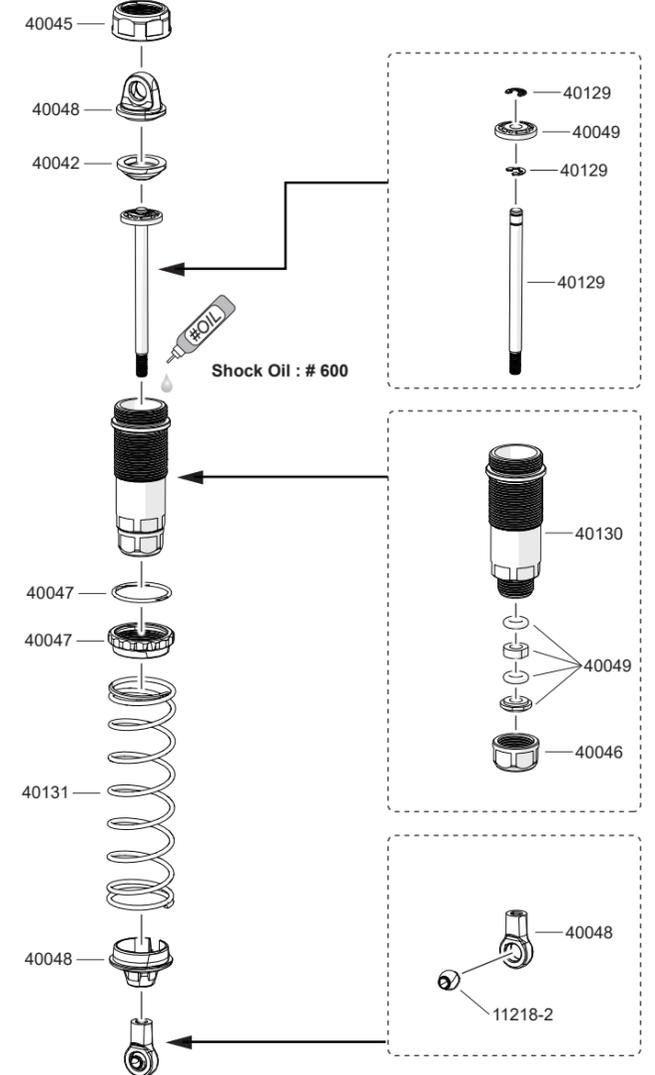
x2



Rear Shock Set No.11388



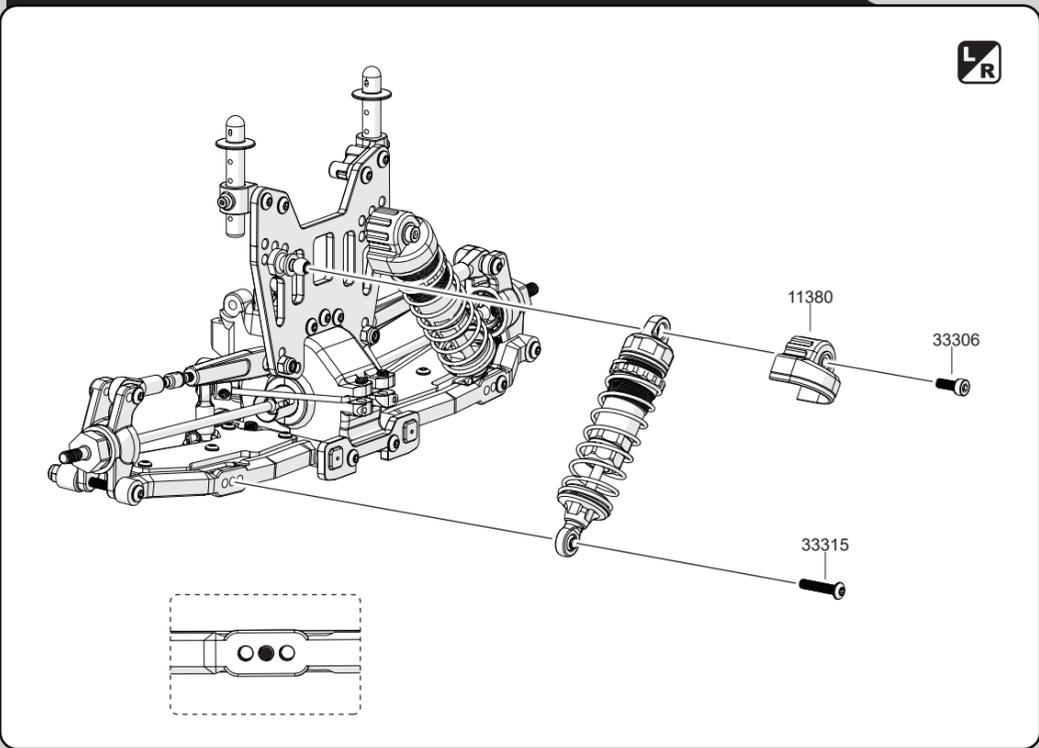
With #600 Oil



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Rear Shock Assembly

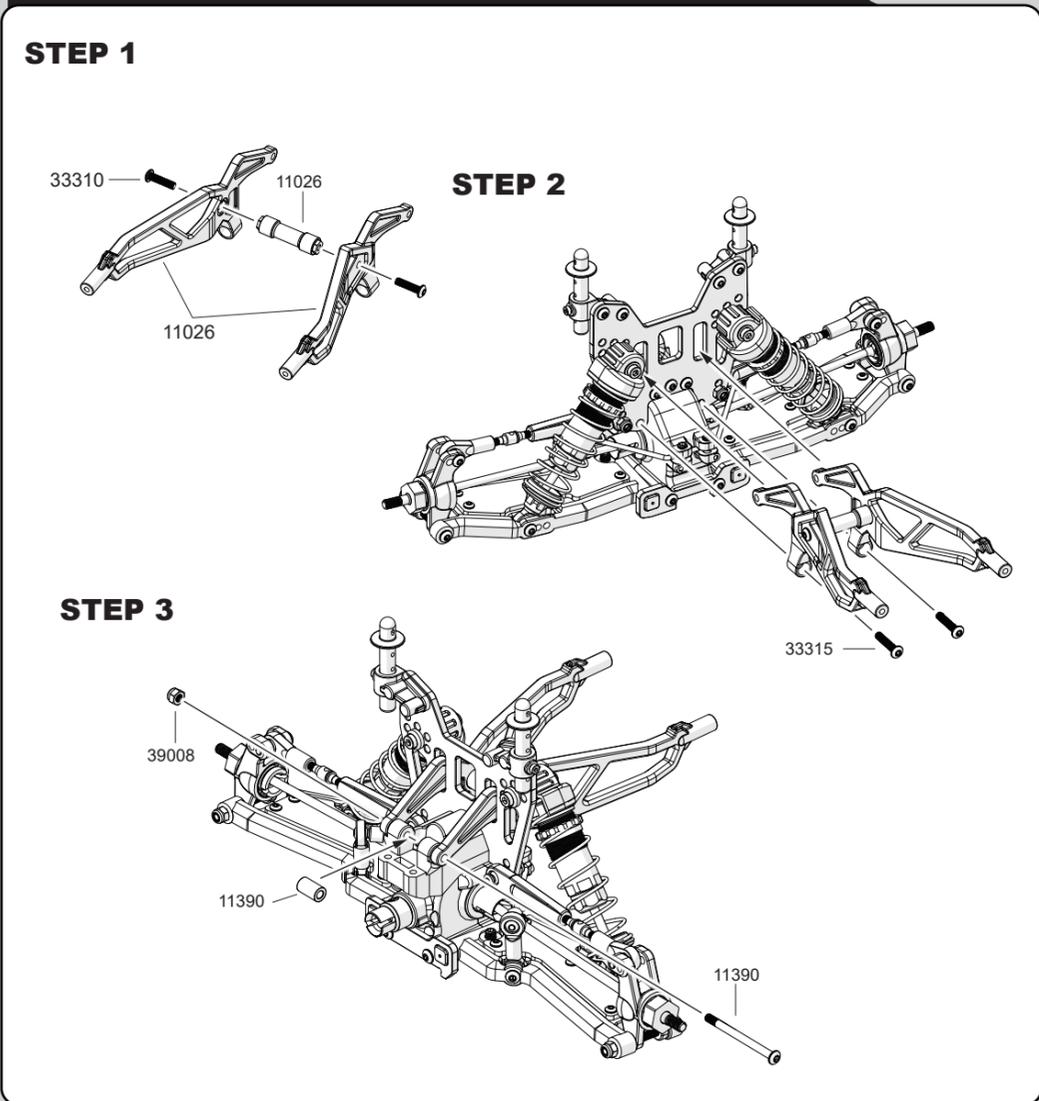
-  33306
M3x6 x2
B/H Screw
-  33315
M3x15 x2
B/H Screw



20

Rear Bumper Assembly 1

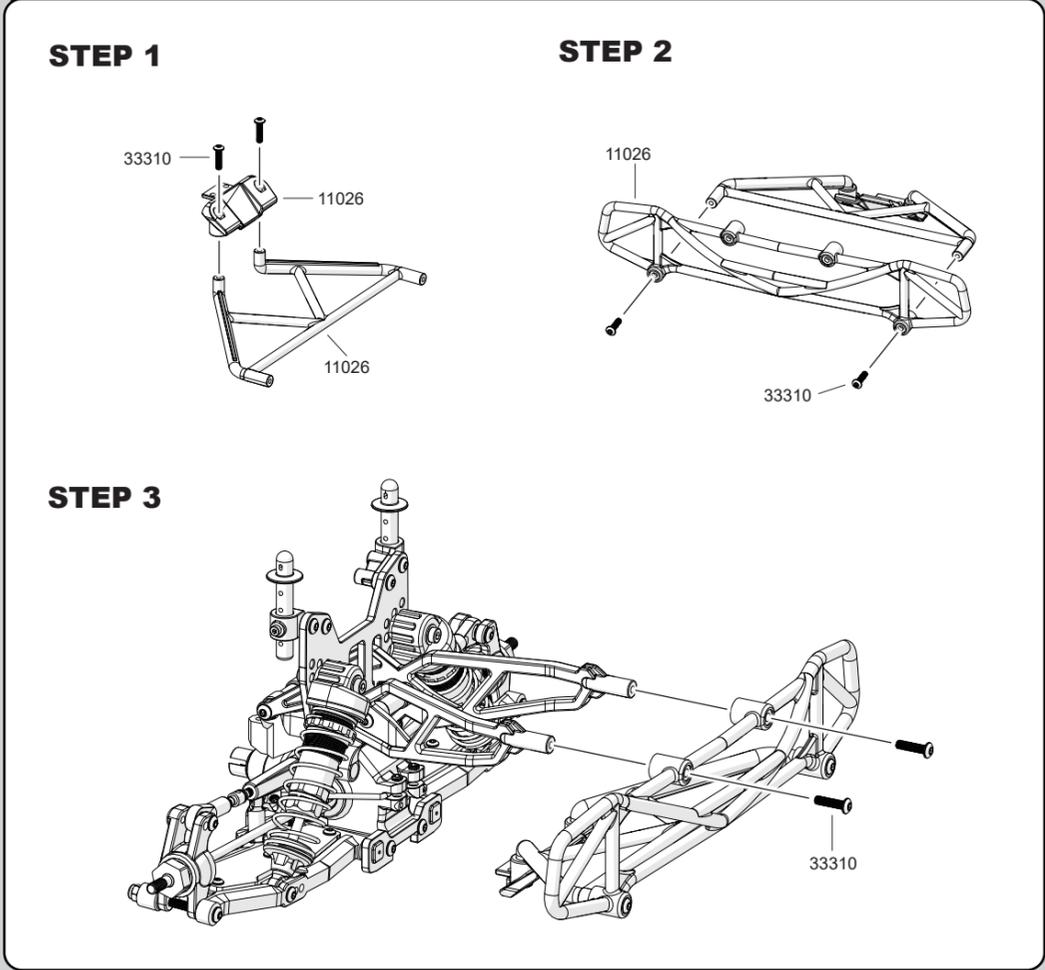
-  33310
M3x10 x2
B/H Screw
-  33315
M3x15 x2
B/H Screw
-  11390
M3x37 x1
B/H Screw
-  39008
Nylon Nut M3 x1



21

Rear Bumper Assembly 2

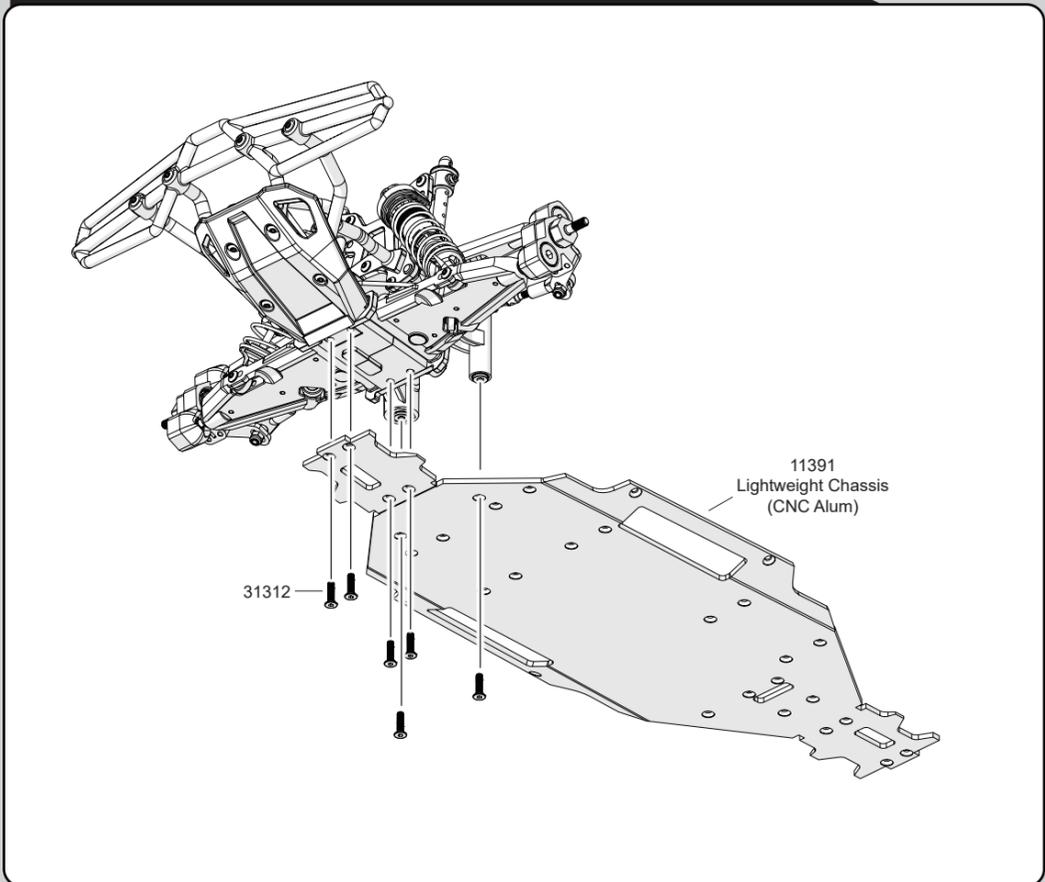
-  33310
M3x10 x6
B/H Screw



22

Front Clip Assembly

-  31312
M3x12 x6
F/H Screw

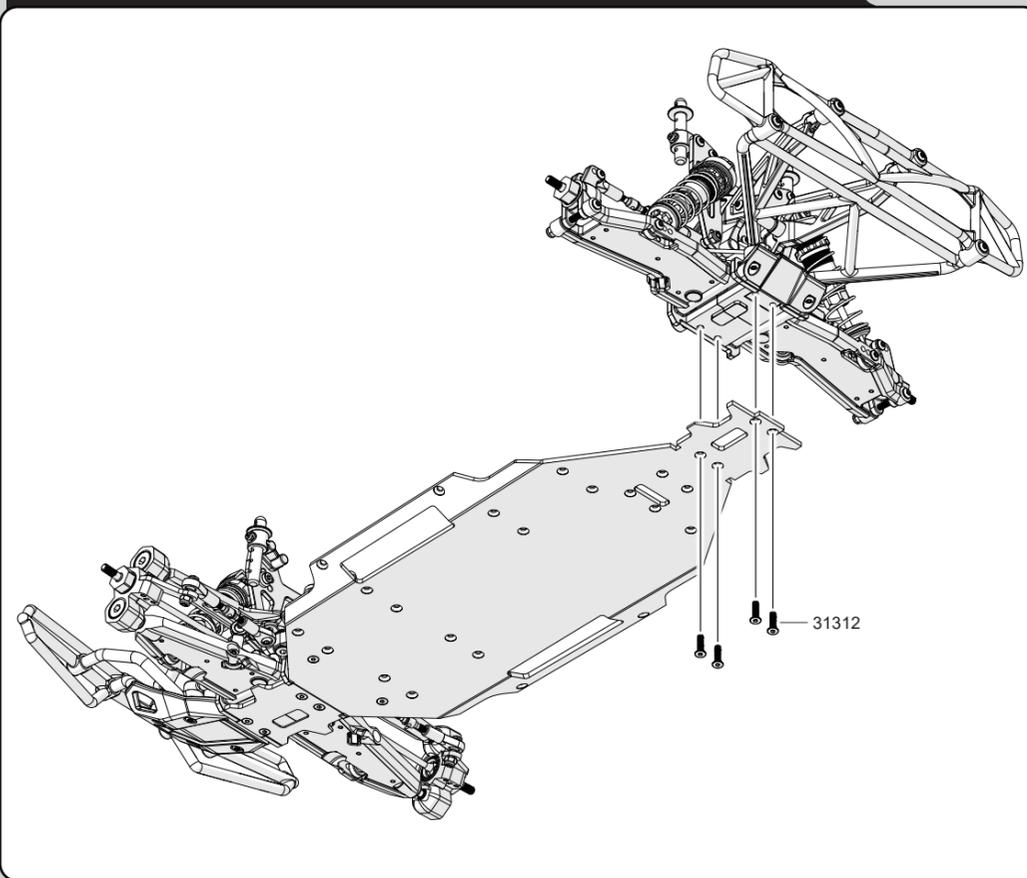


23

Rear Clip Assembly



31312
M3x12 x4
F/H Screw



25



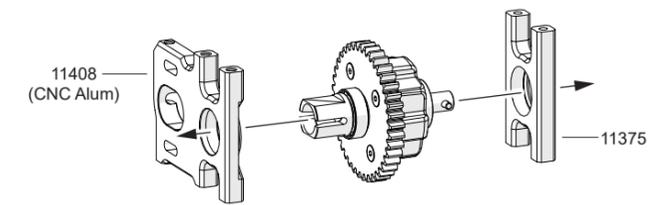
32312
M3x12 x2
Cap Screw



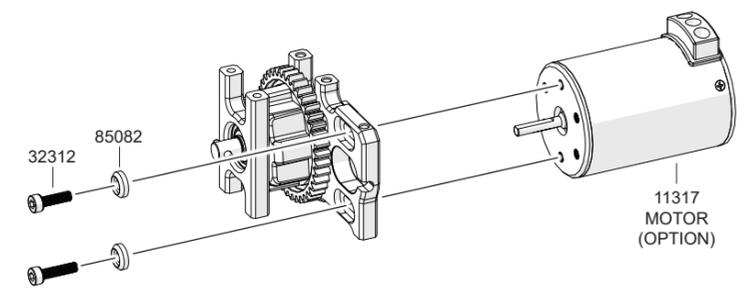
38404
M4x4 x1
Set Screw

Center Differential And Motor Assembly

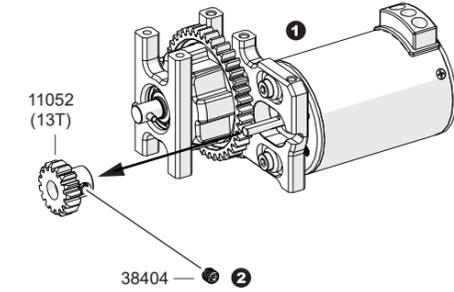
STEP 1



STEP 2



STEP 3



24

Center Differential Assembly



31210
M2.6x10 x4
F/H Screw



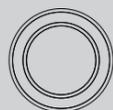
11353
2x11.8mm x2
Shaft



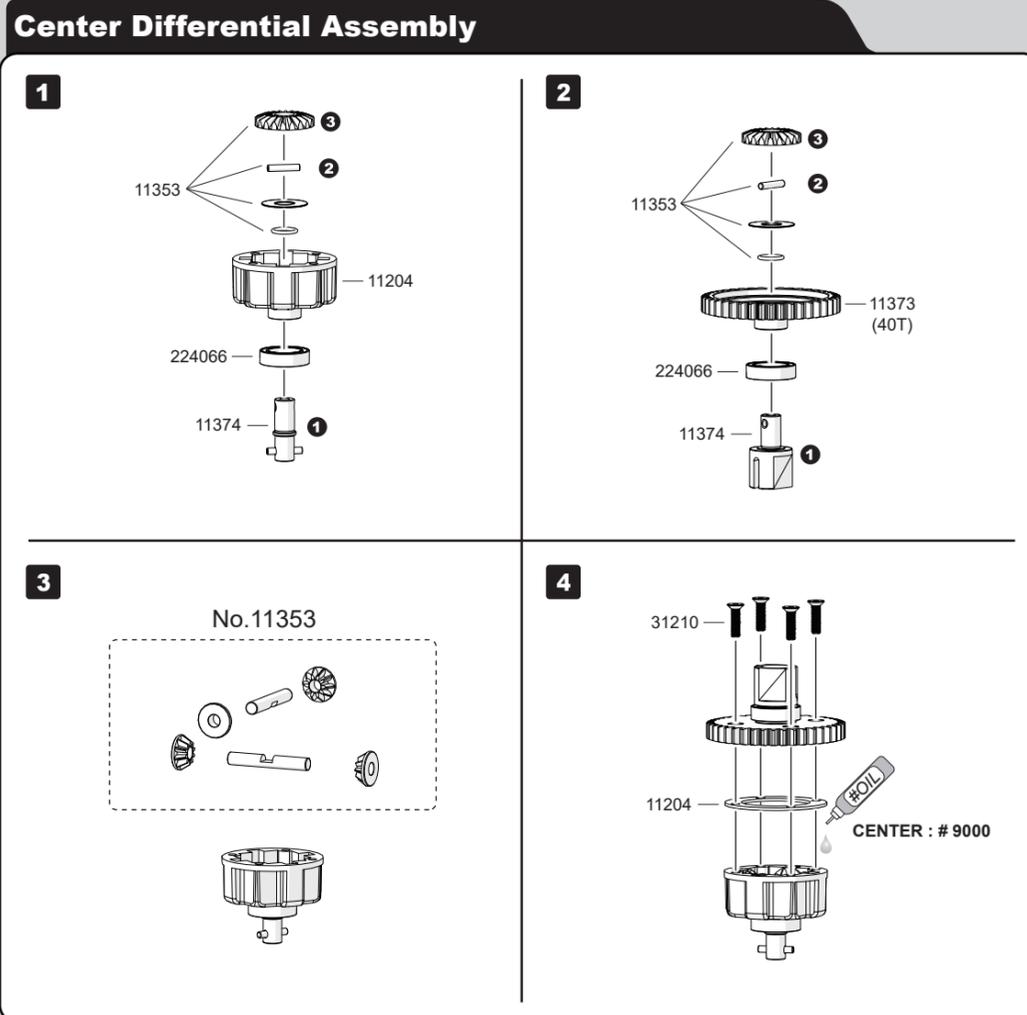
11353
6x1mm x4
O-ring



11353
6.1x13.9x0.15mm x2
Washer



224066
10x15x4mm x2
Ball Bearing



26



31308
M3x8 x3
F/H Screw



31310
M3x10 x2
F/H Screw



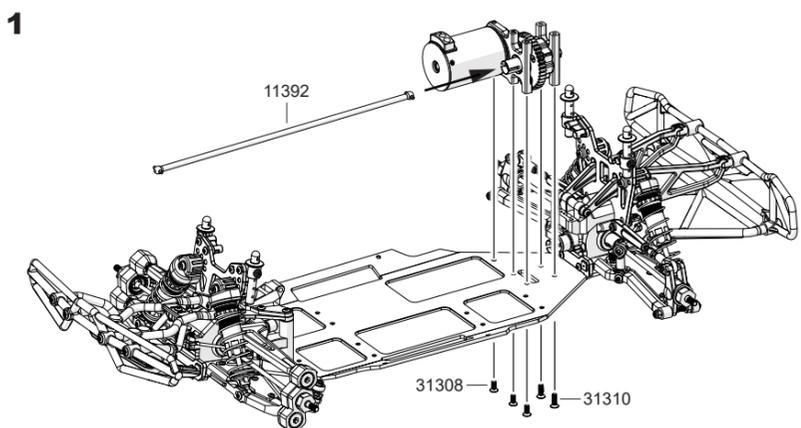
33308
M3x8 x3
B/H Screw



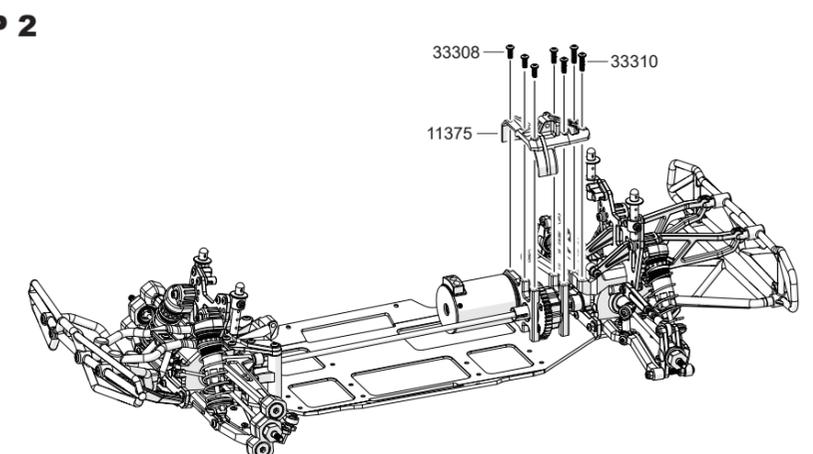
33310
M3x10 x4
B/H Screw

Center Drive Shaft And Motor Unit Assembly

STEP 1



STEP 2

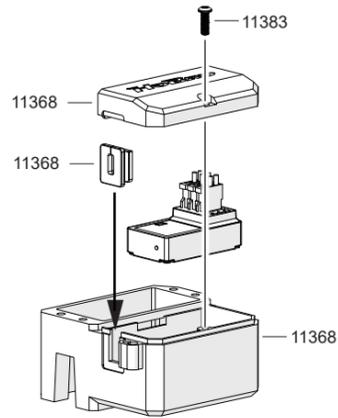


27

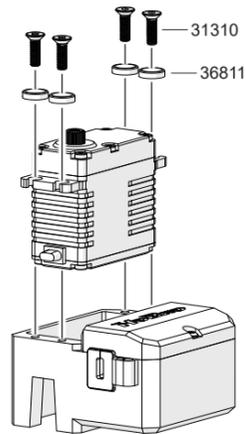
Receive Box And Steering Servo Assembly

-  11383
M2.5x8 x1
B/H Screw
-  33306
M3x6 x1
B/H Screw
-  33308
M3x8 x1
B/H Screw
-  31310
M3x10 x4
F/H Screw
-  38304
M3x4 x1
Set Screw

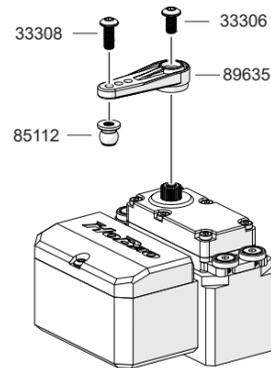
STEP 1



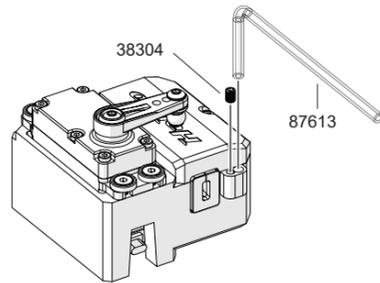
STEP 2



STEP 3



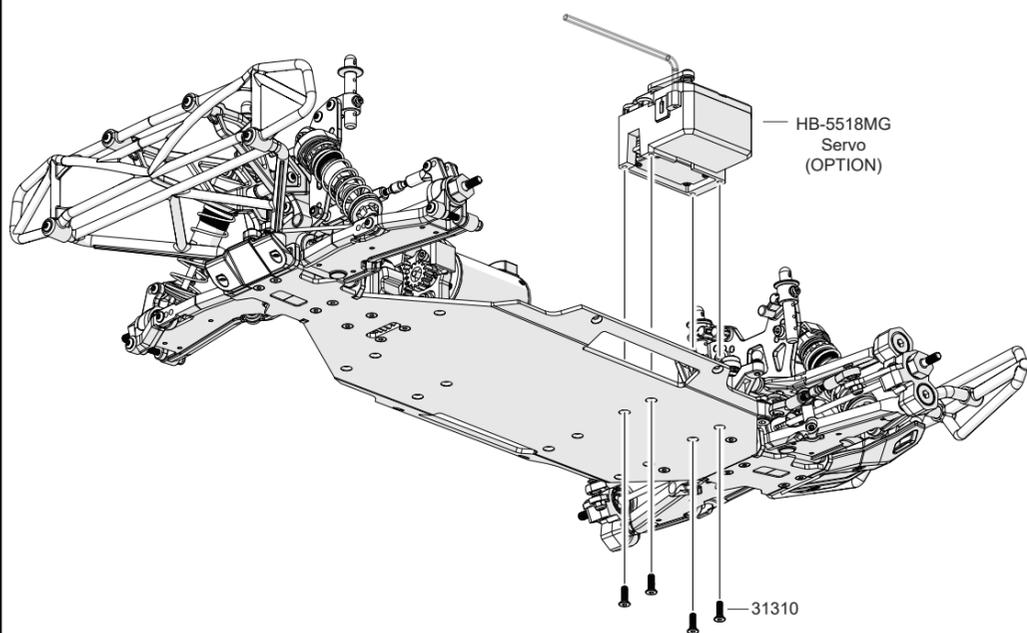
STEP 4



28

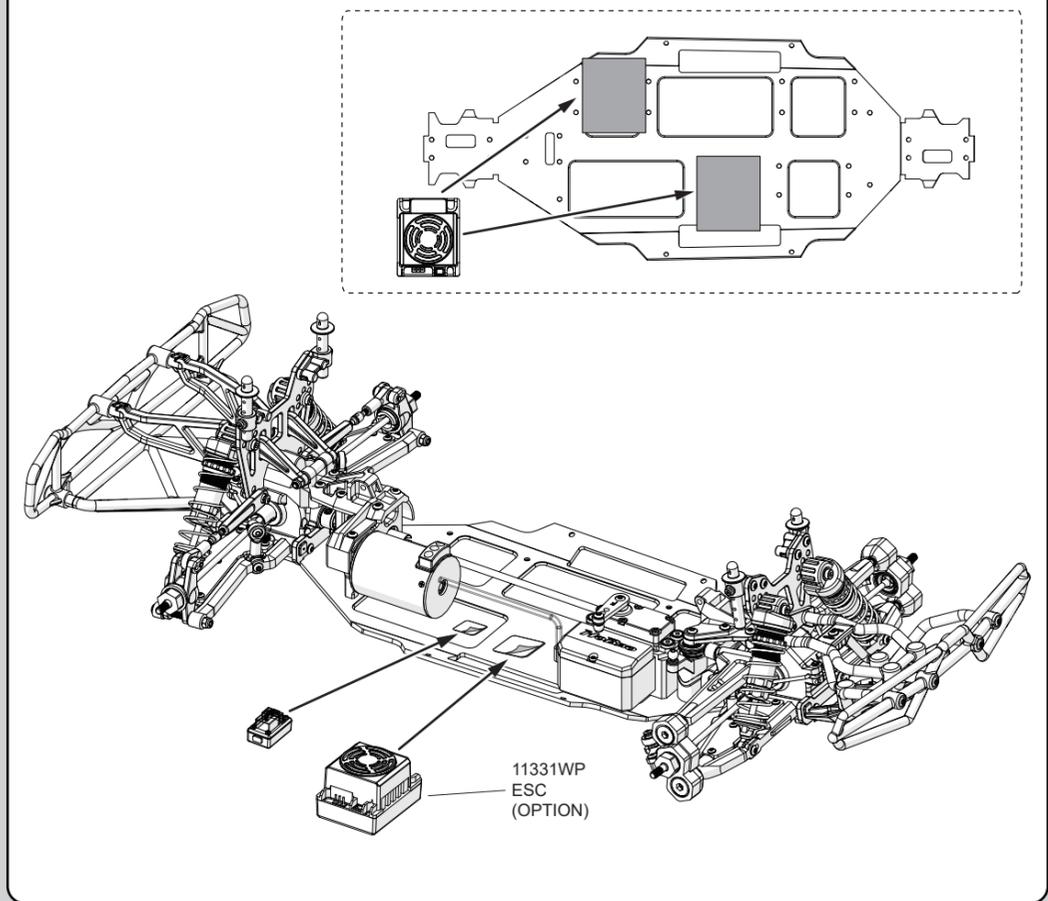
Steering Servo Assembly

-  31310
M3x10 x2
F/H Screw



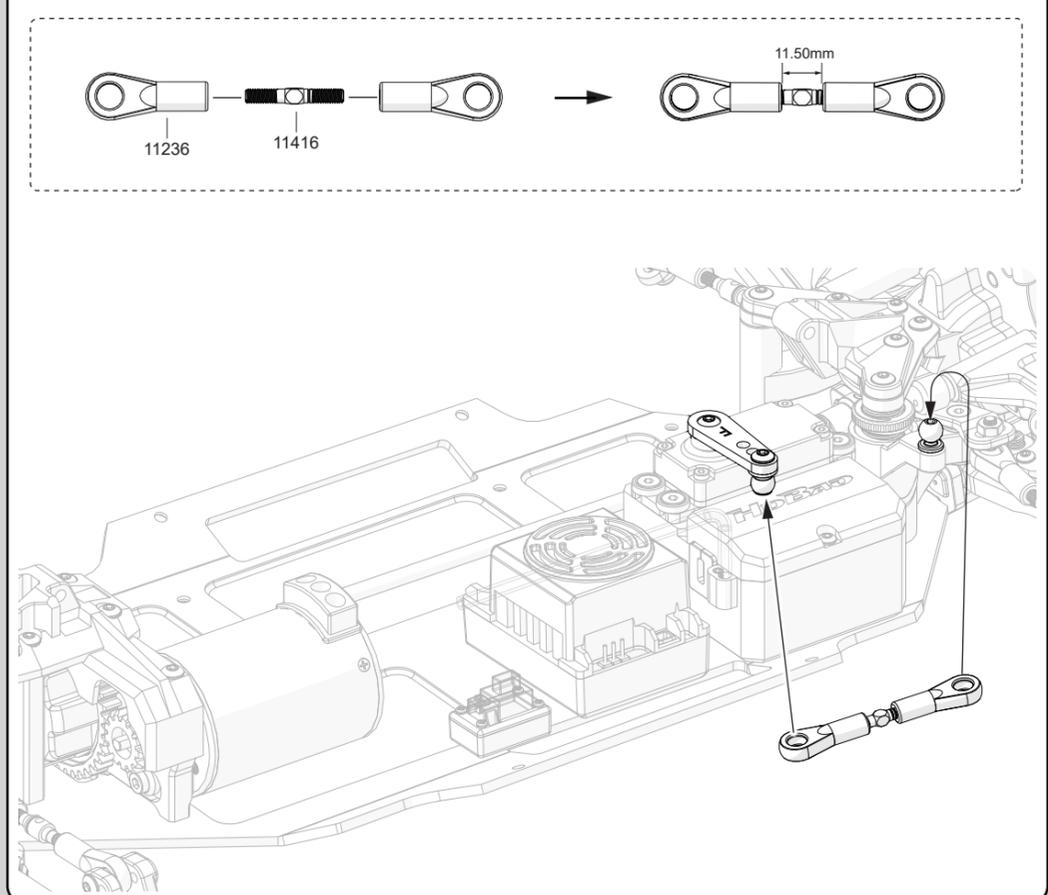
29

ESC Assembly



30

Steering Servo Linkage Assembly



31

Battery Tray Unit Assembly

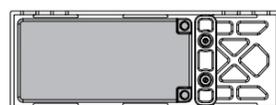
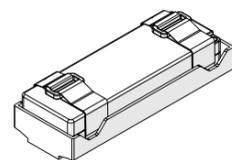
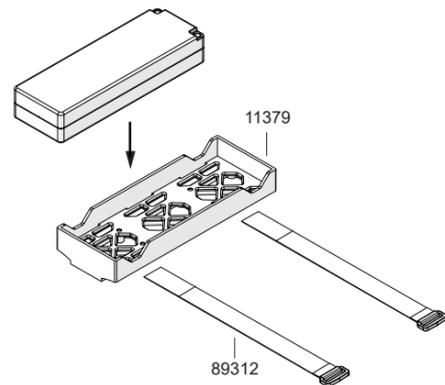


33310
M3x10 x2
B/H Screw



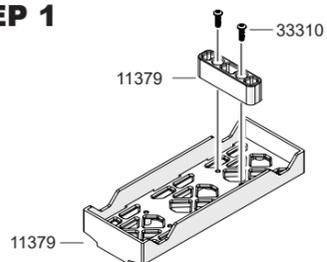
Long Battery

STEP 1

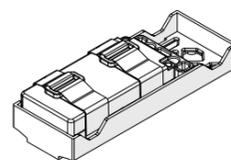
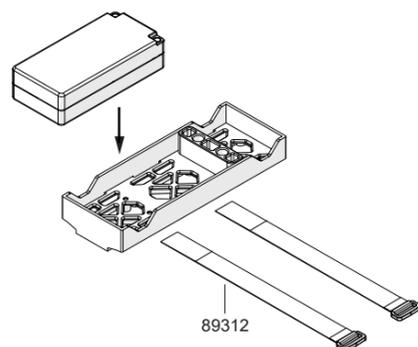


Short Battery

STEP 1



STEP 2

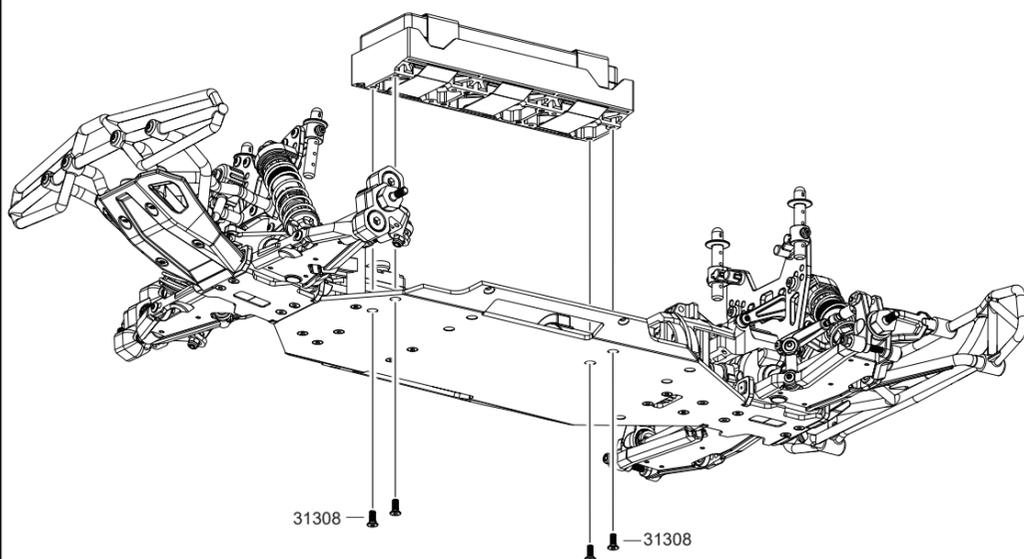


32

Battery Box Assembly



31308
M3x8 x2
F/H Screw



33

Top Brace Assembly



38303
M3x3 x4
Set Screw



33306
M3x6 x2
B/H Screw



33330
M3x30 x2
B/H Screw

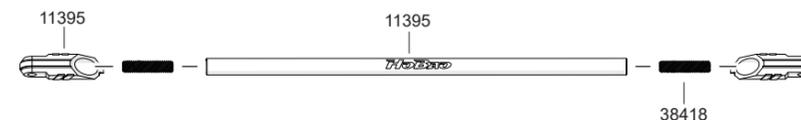


39008
Nylon Nut M3 x2

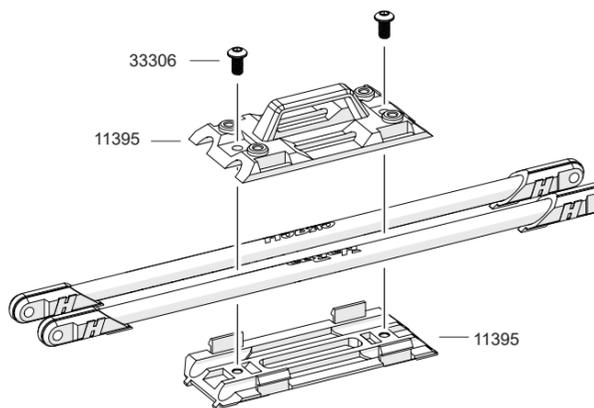


38418
M4x18 x4
Set Screw

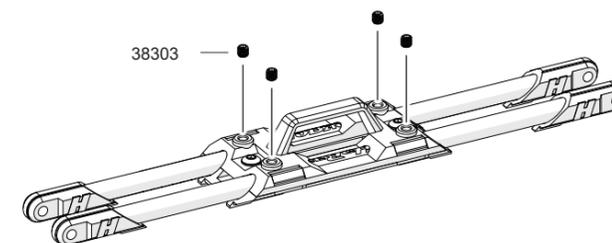
STEP 1



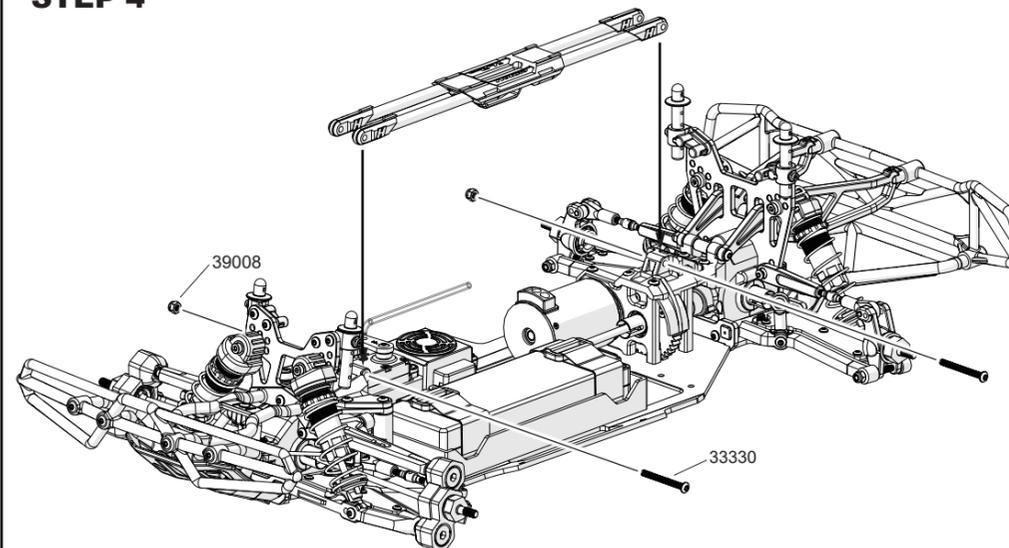
STEP 2



STEP 3



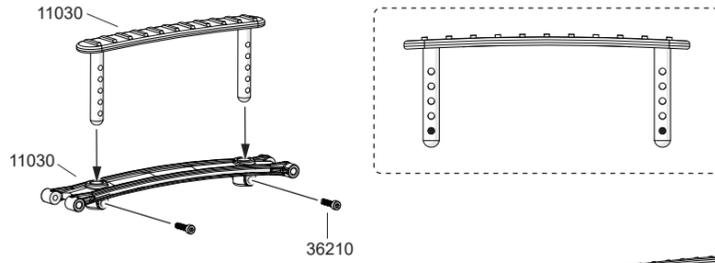
STEP 4



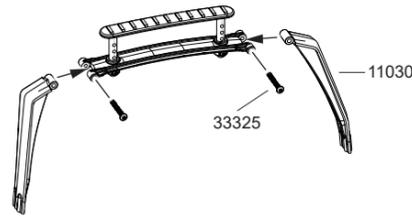
Roll Bar Assembly

-  36210
M2.6x10 x2
Cap Screw
-  31310
M3x10 x2
F/H Screw
-  33312
M3x12 x4
B/H Screw
-  33325
M3x25 x2
B/H Screw

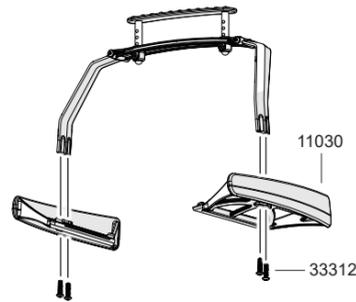
STEP 1



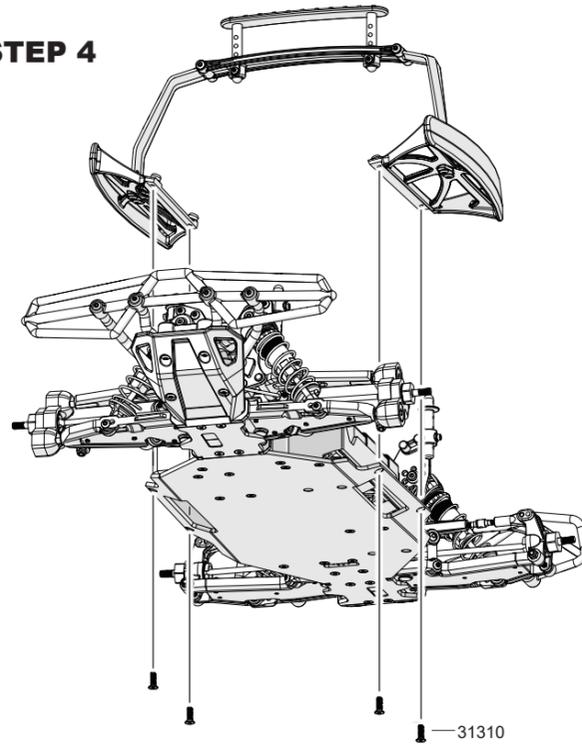
STEP 2



STEP 3

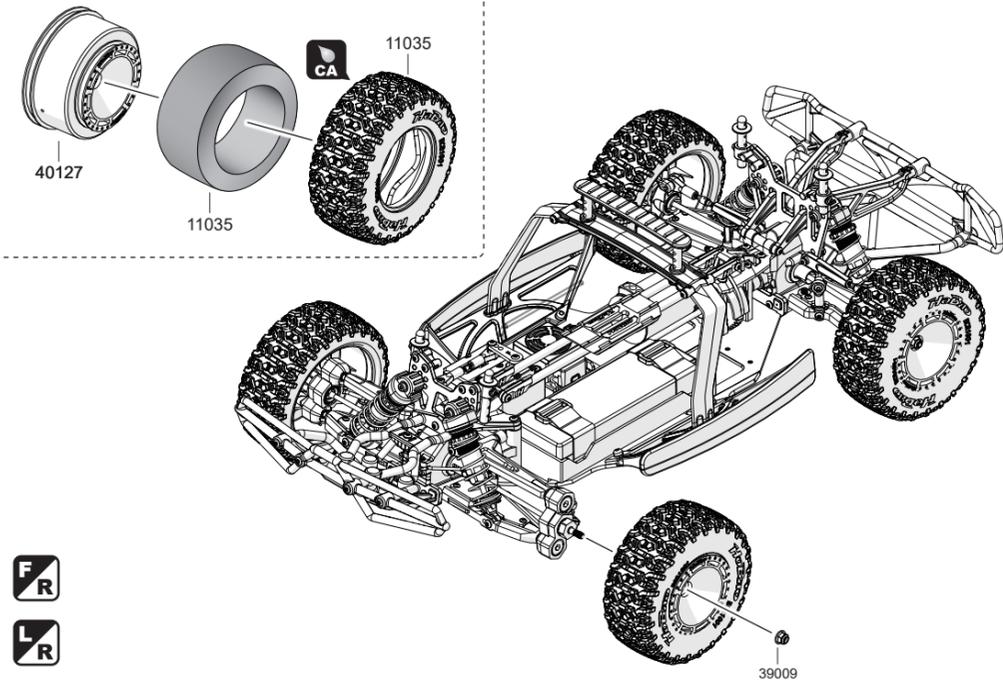
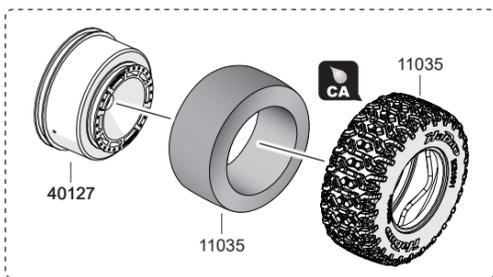


STEP 4

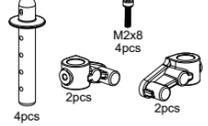
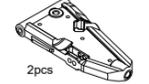
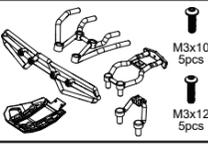
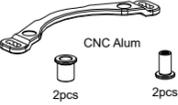
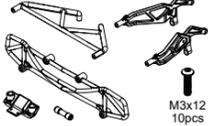
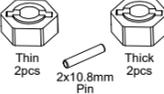
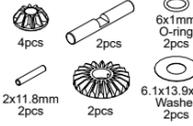
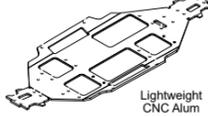
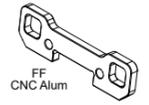
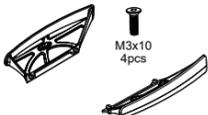
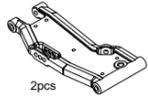
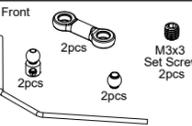
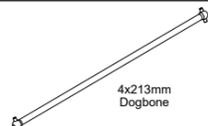
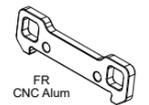
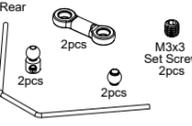
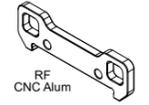
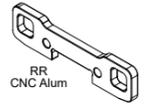
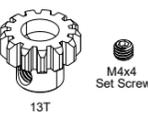
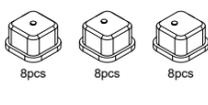
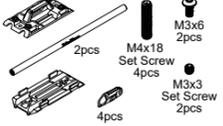
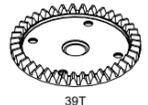
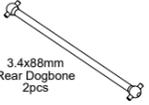
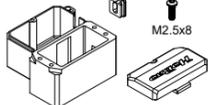
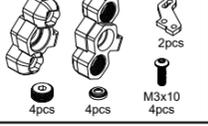
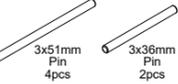
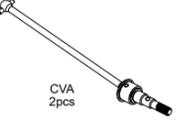
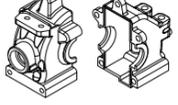
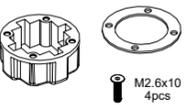
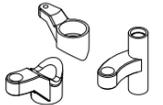
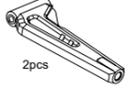


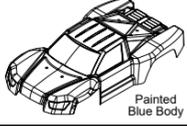
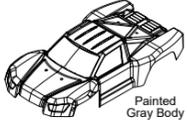
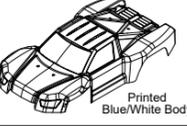
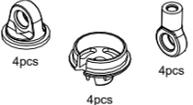
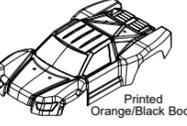
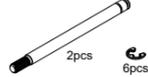
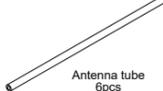
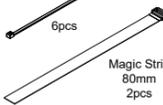
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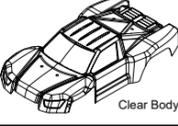
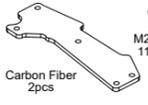
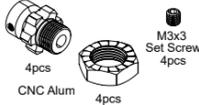
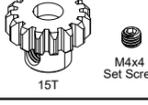
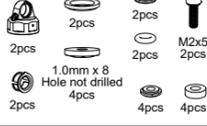
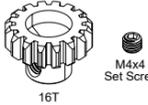
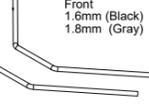
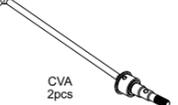
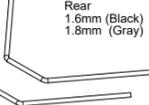
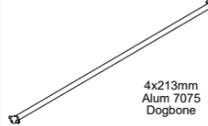
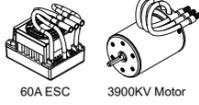
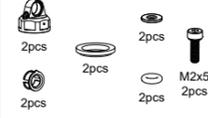
-  39009
Nylon Nut M4 x4



x4

11024 	11205 	11236 	11373 	11388 	11399 
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11026 	11217 	11353 	11375 	11391 	11401 
11029 	11218-2 	11358 	11376 	11392 	11402 
11030 	11222 	11359 	11377 	11393 	11403 
11035 	11225 	11365 	11378 	11394 	11404 
11052 	11226 	11367 	11379 	11395 	11405 
11201 	11227 	11368 	11380 	11396 	11406 
11202 	11228 	11371 	11382 	11397 	11407 
11204 	11229 	11372 	11383 	11398 	11408 

11410	40046	85082	224066		
 Painted Blue Body	 4pcs	 CNC Alum 2pcs	 10x15x4mm 4pcs		
11411	40047	85112			
 Painted Gray Body	 4pcs 4pcs	 5.8mm Alum 7075 4pcs			
11412	40048	85152			
 Printed Blue/White Body	 4pcs 4pcs 4pcs	 M4x10 Set Screw 5pcs			
11413	40049	87031			
 Printed Orange/Black Body	 4pcs 4pcs 3.3x1.9mm O-ring 8pcs 4pcs 4pcs	 2pcs			
11414	40127	87375			
 HYPER 10SC 2.0 Decal	 2pcs	 6pcs			
11415	40130	87613			
 M3x36.5 2pcs	 2pcs 6pcs	 Antenna tube 6pcs			
11416	40131	89312			
 M3x21 2pcs	 2pcs	 6pcs Magic Strip 80mm 2pcs			
36811	40132	89635			
 CNC Alum 3mm Washer 10pcs	 2pcs	 CNC Alum M3x8			
40042	40133	224064			
 4pcs	 Front With #700 OIL 2pcs	 5x8x2.5mm 4pcs			
40045	84075	224065			
 4pcs	 6x13x5mm 4pcs	 5x11x4mm 6pcs			

OPTIONAL PARTS					
		11034	11409	OP1-0068	OP1-0086
		 2pcs	 Clear Body	 Front Carbon Fiber 2pcs M2.5x8 11pcs	 4pcs 4pcs M2x5 4pcs
		11042		OP1-0069	OP1-0087
		 12T M4x4 Set Screw		 Rear Carbon Fiber 2pcs M2.5x8 11pcs	 4pcs
		11067		OP1-0074	OP1-0088
		 4pcs CNC Alum 4pcs M3x3 Set Screw 4pcs		 Grey 2pcs	 1.0mm x 8 Hole not drilled 4pcs
		11306		OP1-0075	OP1-0089
		 14T M4x4 Set Screw		 CNC Alum 2pcs 2x10.8mm Pin 2pcs	 4pcs 4pcs
		11311		OP1-0076	OP1-0090
		 15T M4x4 Set Screw		 CNC Alum +1mm 2pcs 2x10.8mm Pin 2pcs	 2pcs 2pcs 2pcs M2x5 2pcs 1.0mm x 8 Hole not drilled 4pcs 4pcs 4pcs
		11312		OP1-0079	OP1-0091
		 16T M4x4 Set Screw		 CNC Alum	 Front 1.6mm (Black) 1.8mm (Gray)
		11317		OP1-0082	OP1-0092
		 3900KV Motor		 CVA 2pcs	 Rear 1.6mm (Black) 1.8mm (Gray)
		11318		OP1-0083	
				 4x213mm Alum 7075 Dogbone	
		11330WP		OP1-0084	
		 60A ESC 3900KV Motor		 2pcs 2pcs 2pcs M2x5 2pcs	
		11331WP		OP1-0085	
		 60A ESC		 4pcs	

Name: _____	Date: _____																		
Track: _____	Event: _____																		
Note:		Diff. Oil Frot: _____ Center: _____ Rear: _____																	
		Gear Motor Gear: _____ Spur Gear: _____																	
Steering	Servo Linkage	Electronics _____ _____ _____																	
Front Arms		Wheels/Tire _____ _____ _____																	
Rear Arms		Front Shock Length: _____ mm Oil: _____ Spring: _____																	
Ride Height (F/R) , Camber and Toe		Rear Shock Length: _____ mm Oil: _____ Spring: _____																	
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