

HYPER T20

Electric

HoBao

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1/10th
SCALE

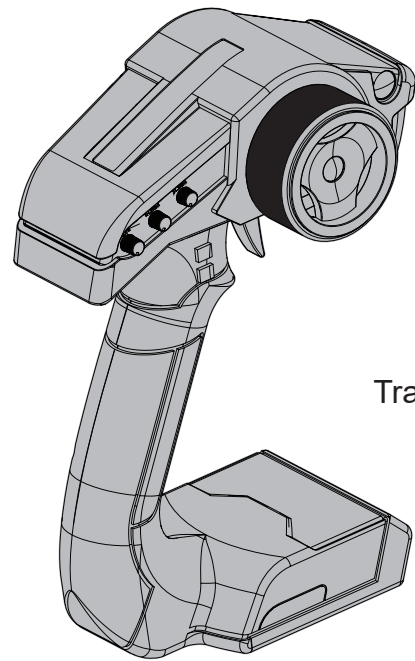


INSTRUCTION MANUAL

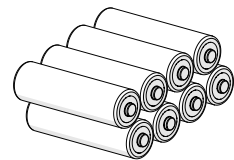
HYPER T 20

REQUIRED

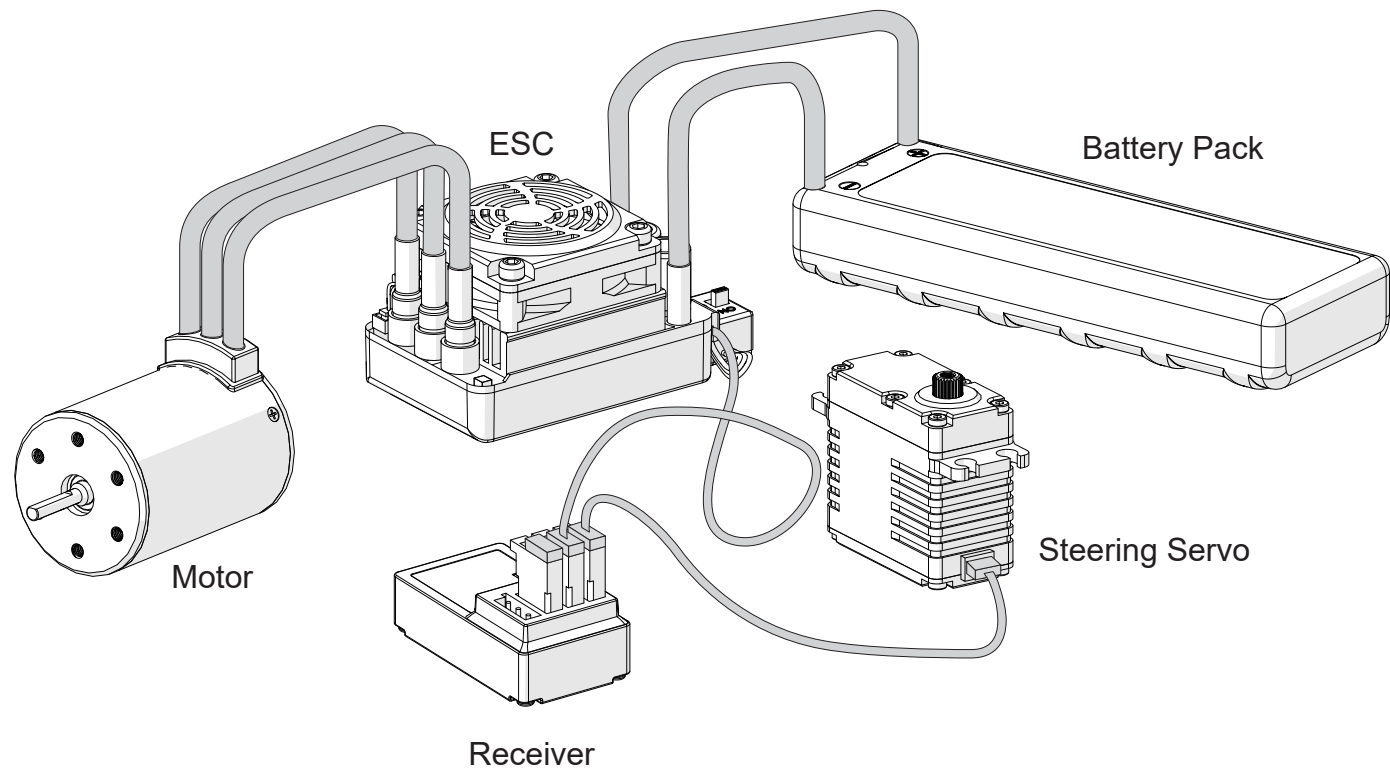
Radio Control Equipment Set



Transmitter



8 AA Size Batteries
For Transmitter



Motor

ESC

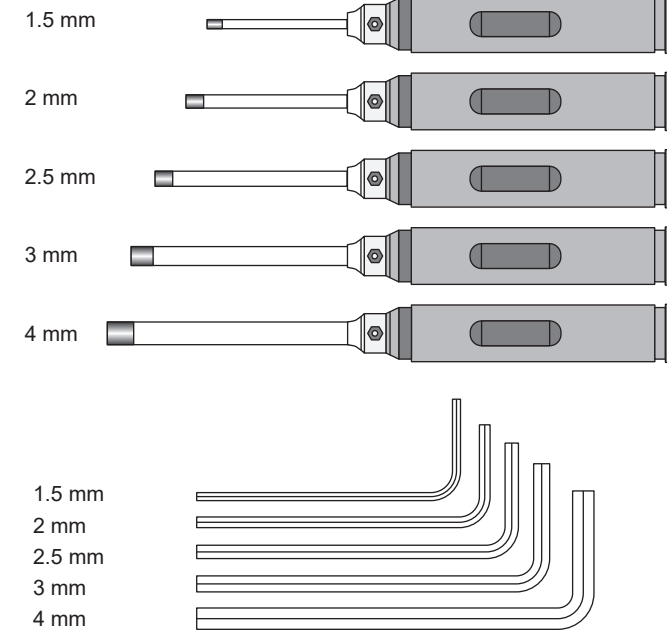
Battery Pack

Receiver

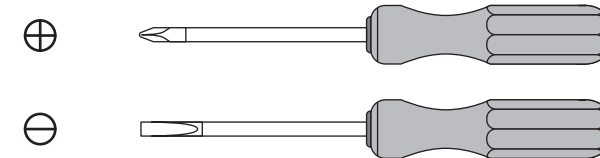
Steering Servo

Tools Recommended

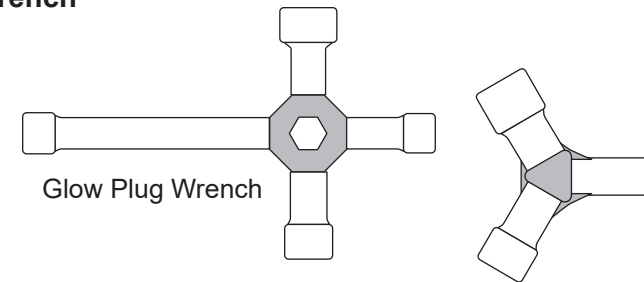
Hex Wrench



Screwdriver



Wrench



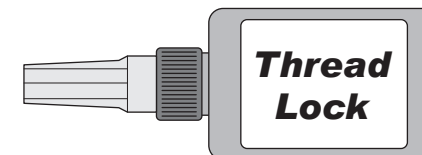
Instant Cement



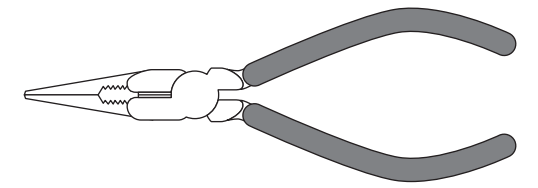
Rubber Cement



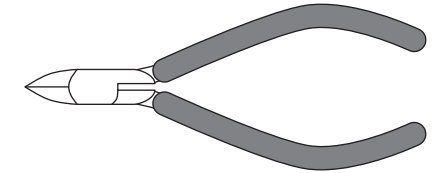
Thread Lock



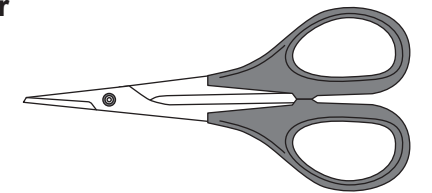
Long Nose Pliers



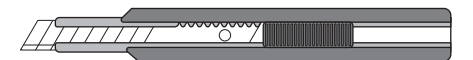
Side Cutter



Curved Scissor



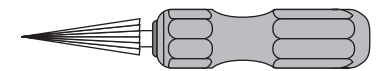
Modeling Knife



Tweezers



Reamer

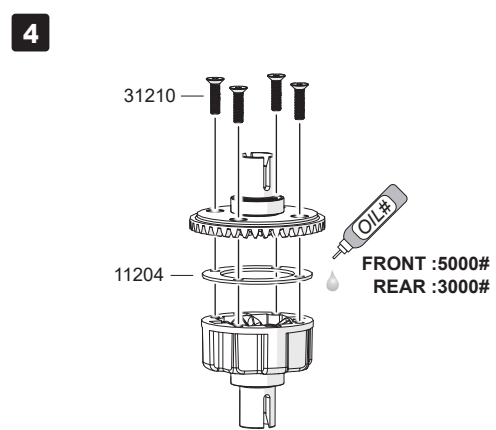
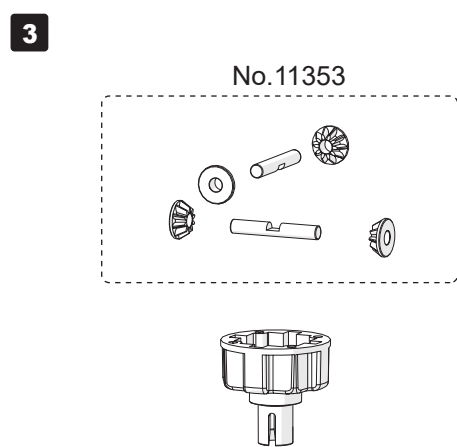
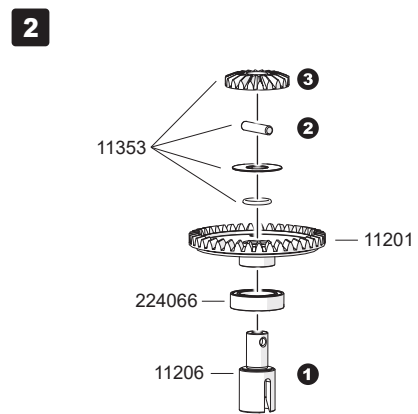
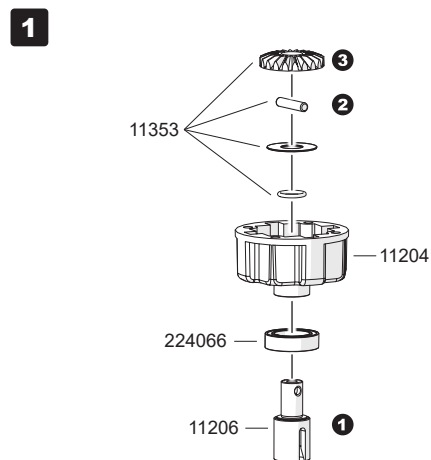
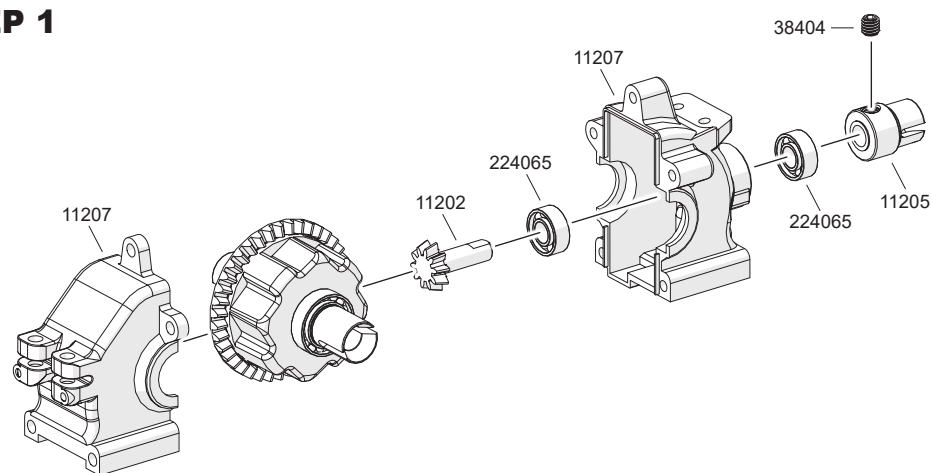
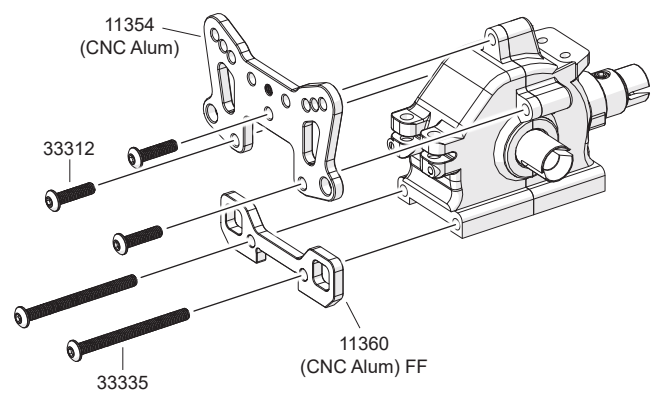
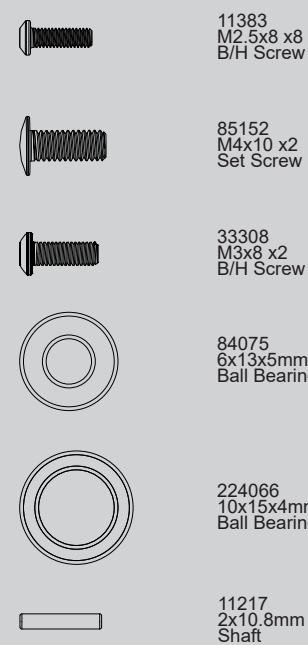
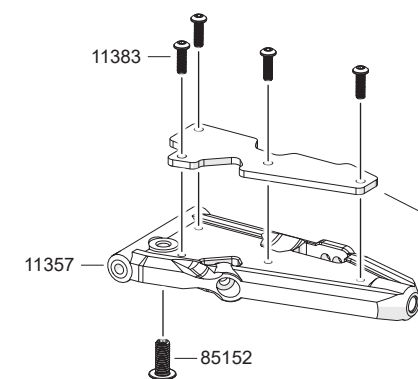
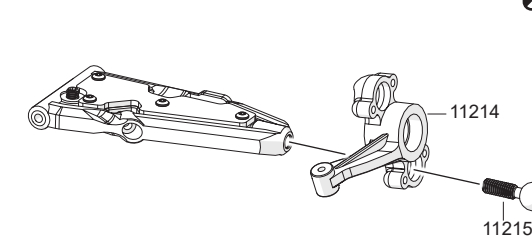
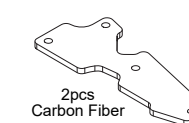
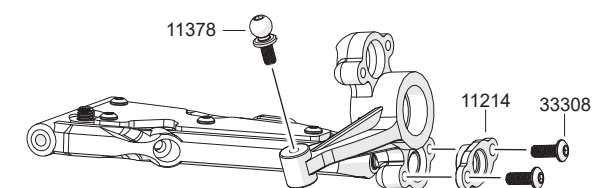
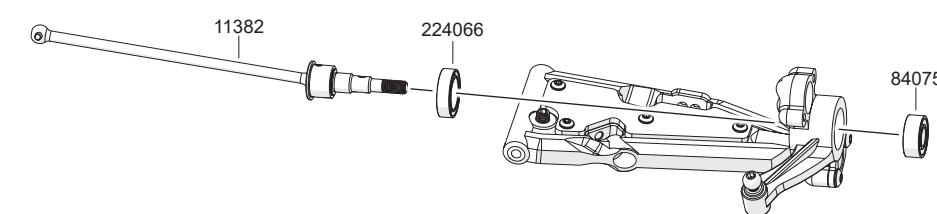
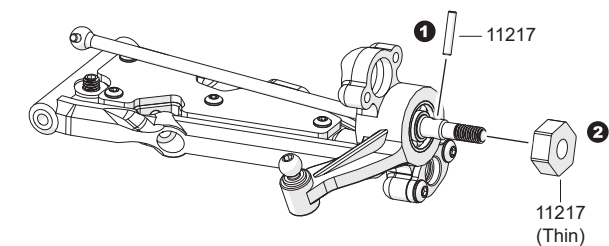
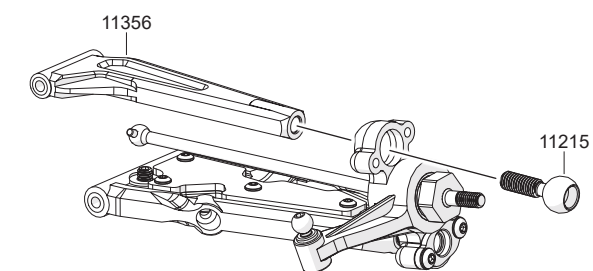
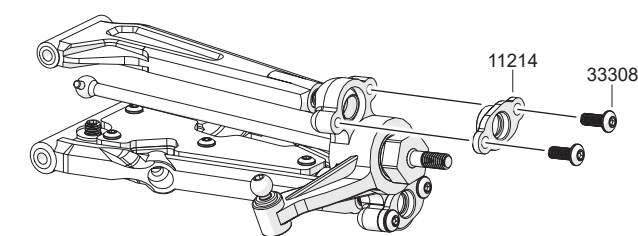


Grease



Silicone Oil

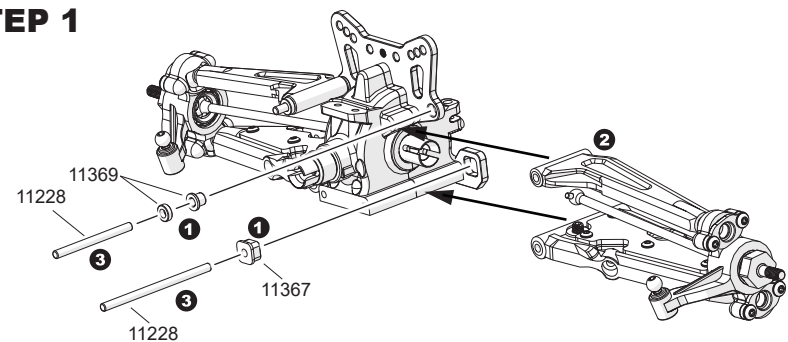


1**Front / Rear Differential Assembly****x2****Front Gear Box Assembly****STEP 1****STEP 2****3****Front Steering And Suspension Arm Assembly****STEP 1****STEP 2****OPTIONAL PARTS NO. OP1-0068****FRONT****STEP 3****STEP 4****STEP 5****STEP 6****STEP 7**

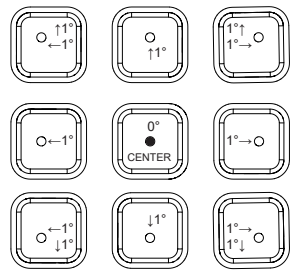
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Front Suspension Arm Assembly

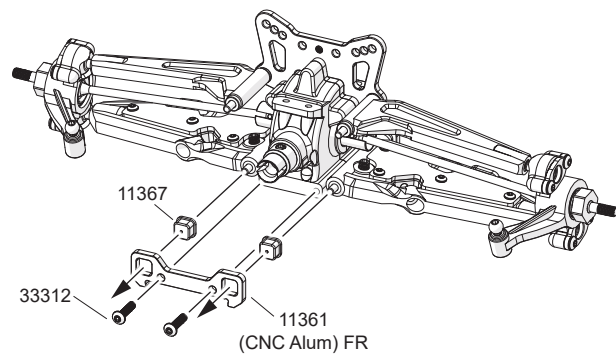
STEP 1



No.11367
ARM HOLDER PILL INSERTS



STEP 2



6



33306
M3x6 x2
B/H Screw



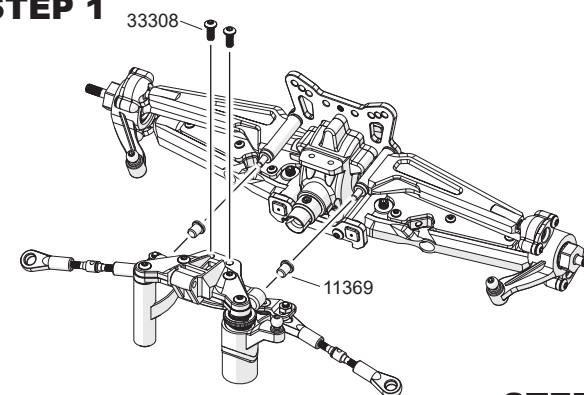
33308
M3x8 x2
B/H Screw



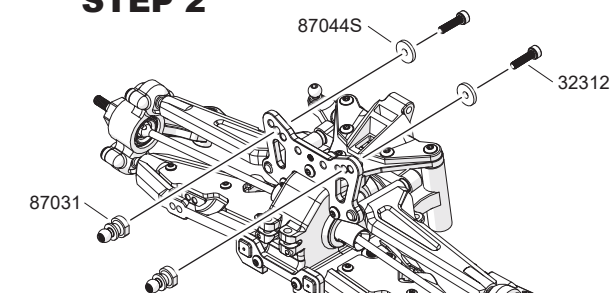
33312
M3x12 x2
Cap Screw

Servo Saver Assembly 2

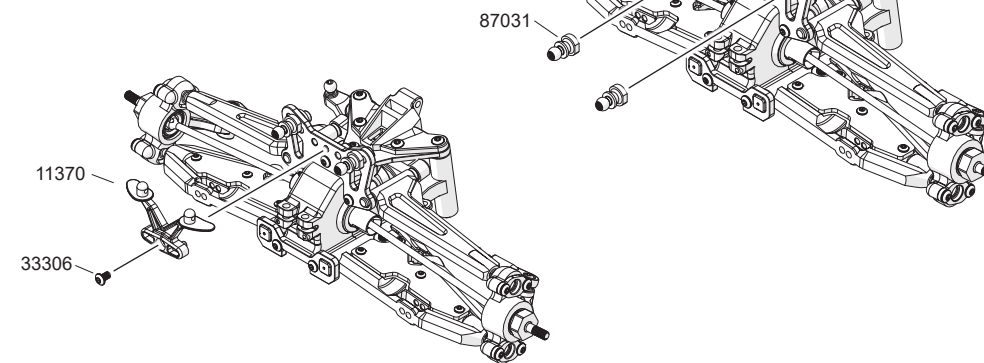
STEP 1



STEP 2



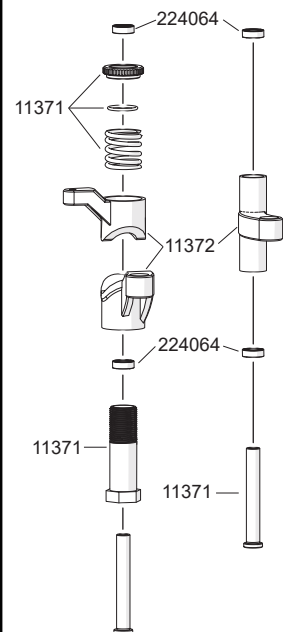
STEP 3



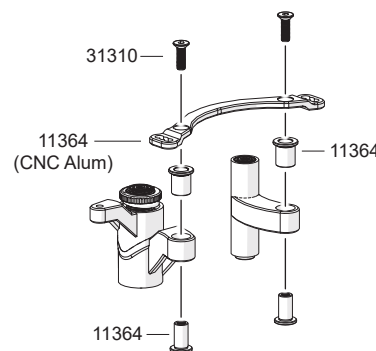
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Servo Saver Assembly 1

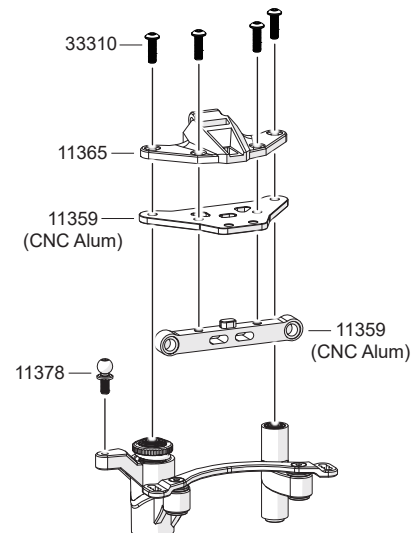
STEP 1



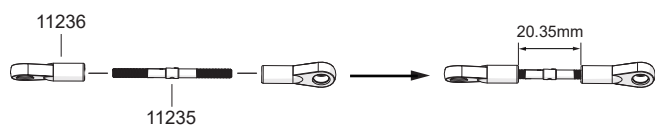
STEP 2



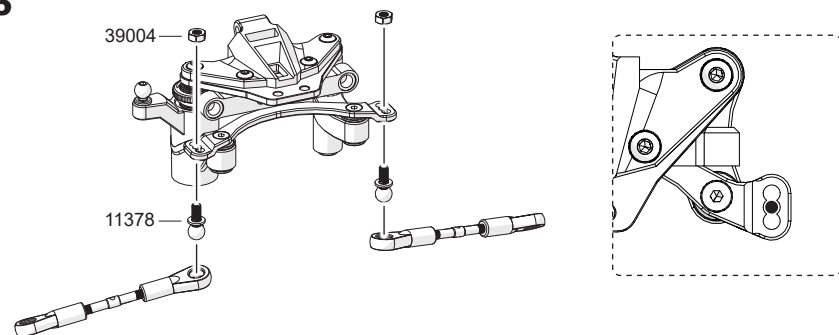
STEP 3



STEP 4



STEP 5



31310
M3x10 x2
F/H Screw



33310
M3x10 x4
B/H Screw



39004
M3 Nut x2



224064
5x8x2.5mm x2
Ball Bearing

7



38303
M3x3 x2
Set Screw



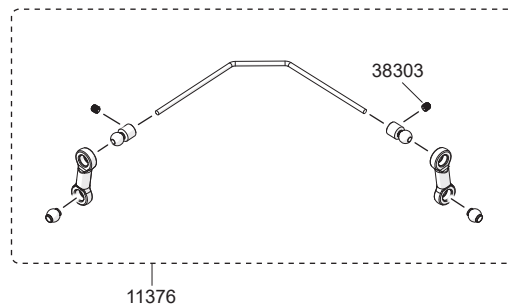
38406
M4x6 x2
Set Screw



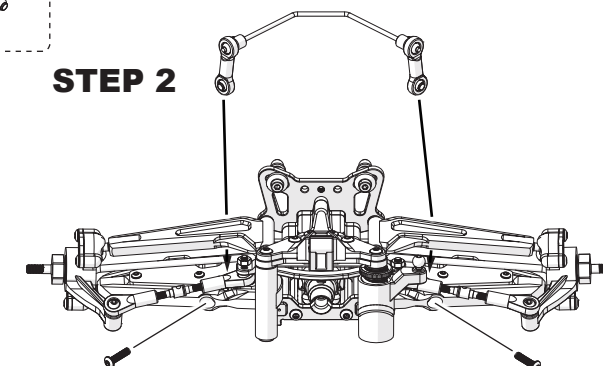
33312
M3x12 x2
B/H Screw

Front Sway Bar Assembly

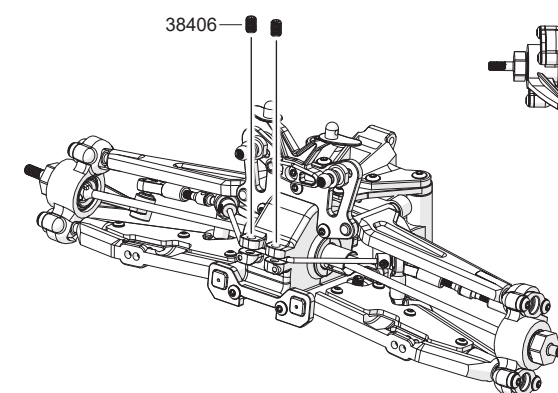
STEP 1



STEP 2



STEP 3

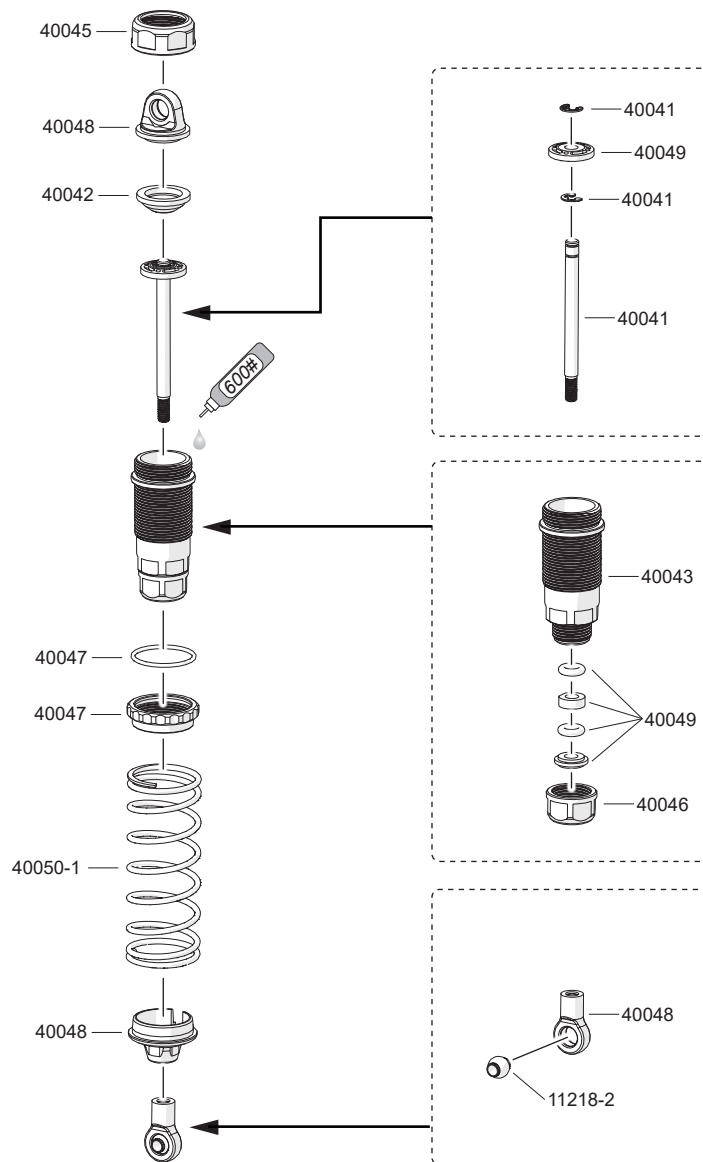
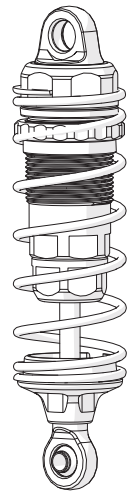


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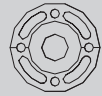
Front Shock Absorber Assembly

x2

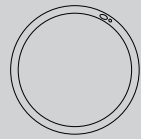
Front Shock Set No.11387



40049
3.3x1.9mm x4
O-ring



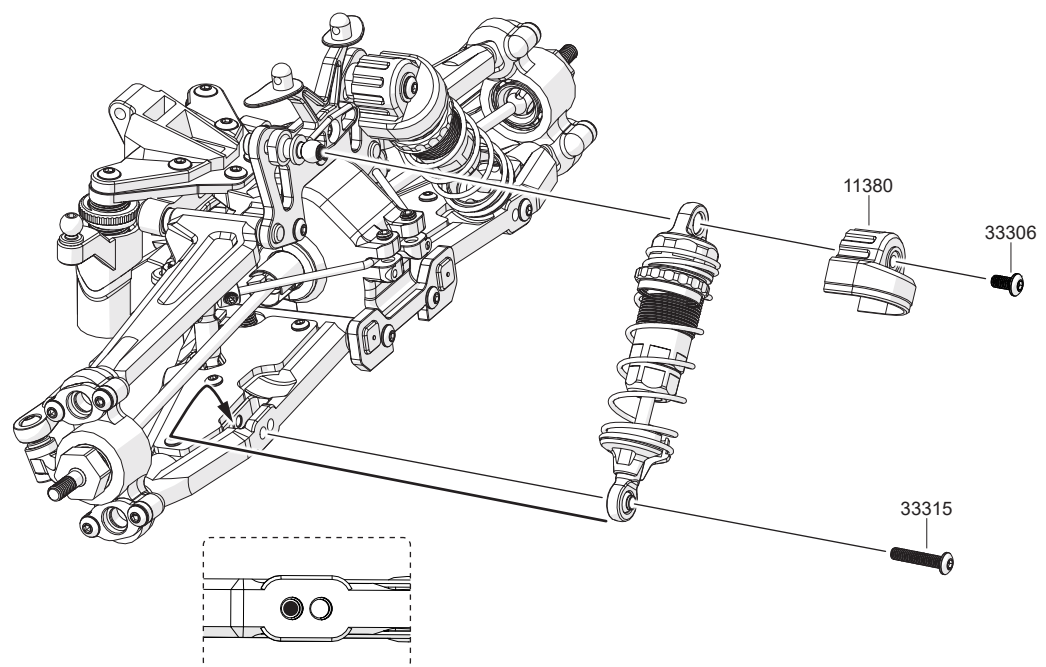
40049
11.9x11.6mm x2.5



40047
15x1mm x2
O-ring

9

Front Shock Assembly



33306
M3x6 x2
B/H Screw



33315
M3x15 x2
B/H Screw

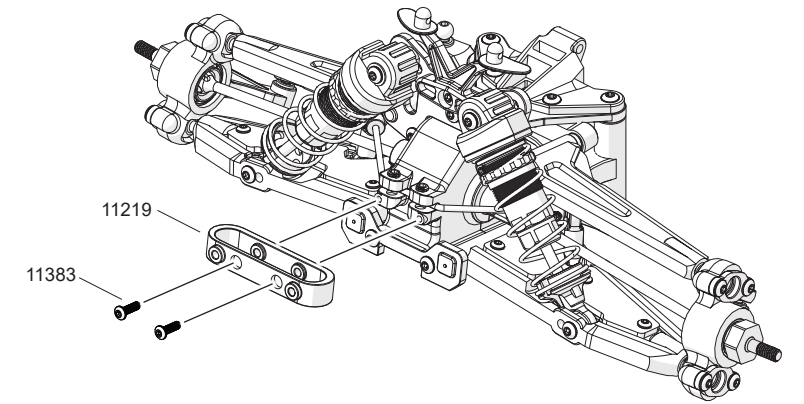
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Front Bumper Assembly

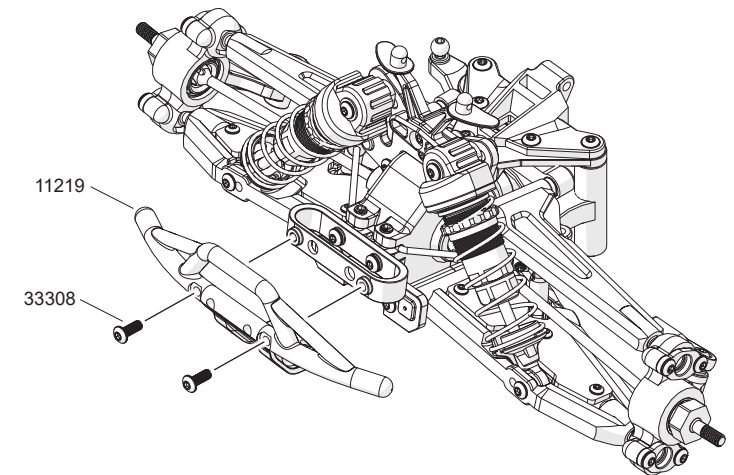


11383
M2.5x8 x2
B/H Screw

STEP 1



STEP 2



11

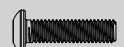
Rear Gear Box Assembly



38404
M4x4 x1
Set Screw



32312
M3x12 x2
Cap Screw



33312
M3x12 x3
B/H Screw

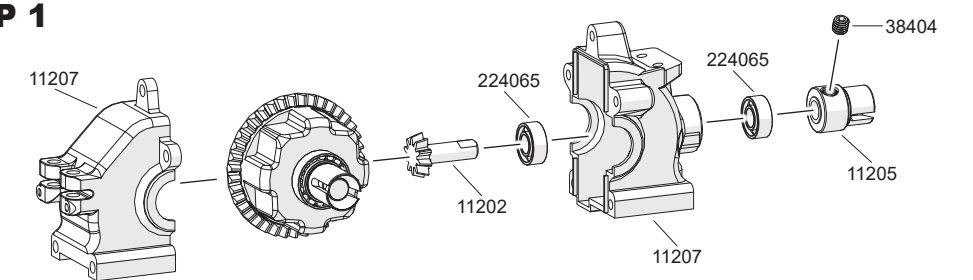


224065
5x11x4mm x2
Ball Bearing

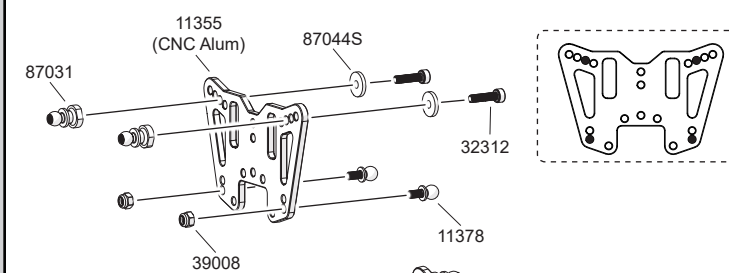


39008
Nylon Nut M3 x2

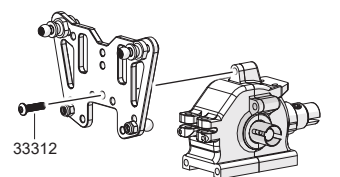
STEP 1



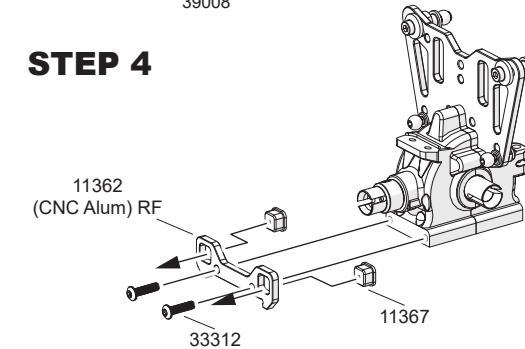
STEP 2



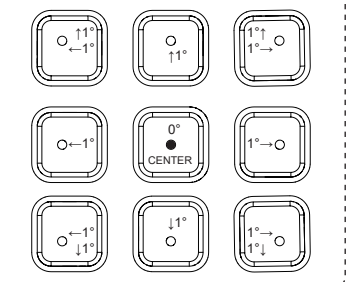
STEP 3



STEP 4




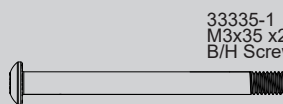

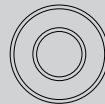
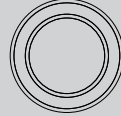



No.11367 ARM HOLDER PILL INSERTS

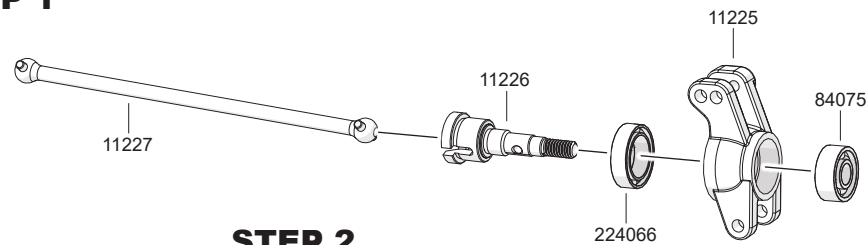


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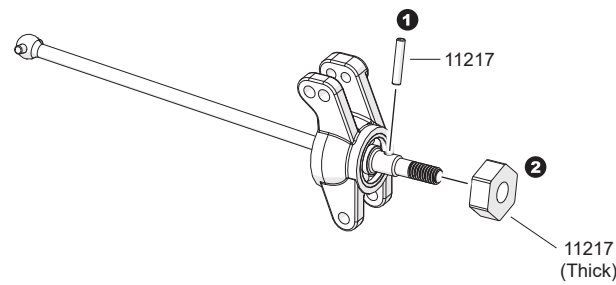
Rear Suspension Arm And Axle Assembly

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

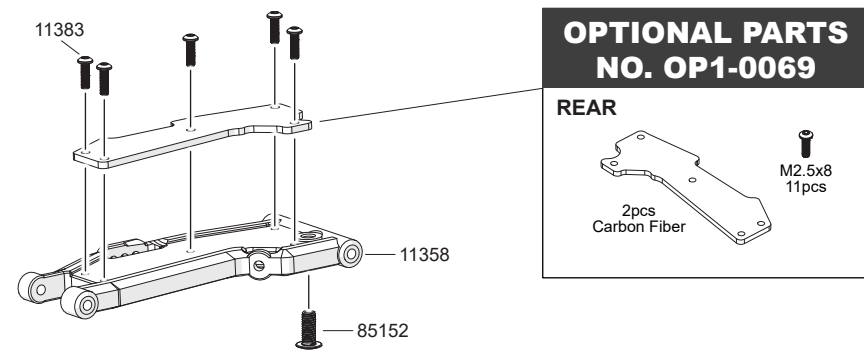
STEP 1



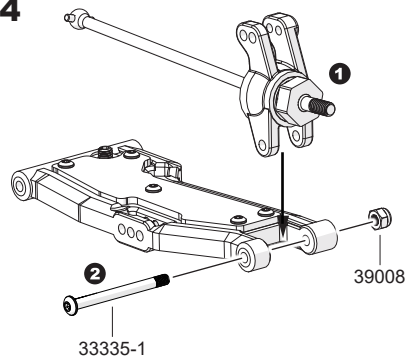
STEP 2



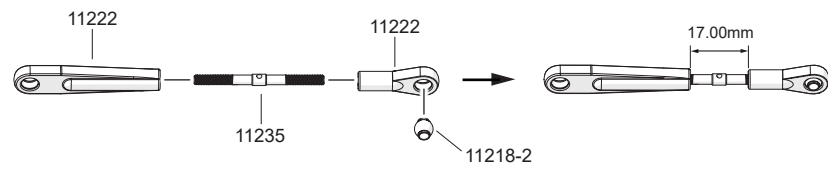
STEP 3



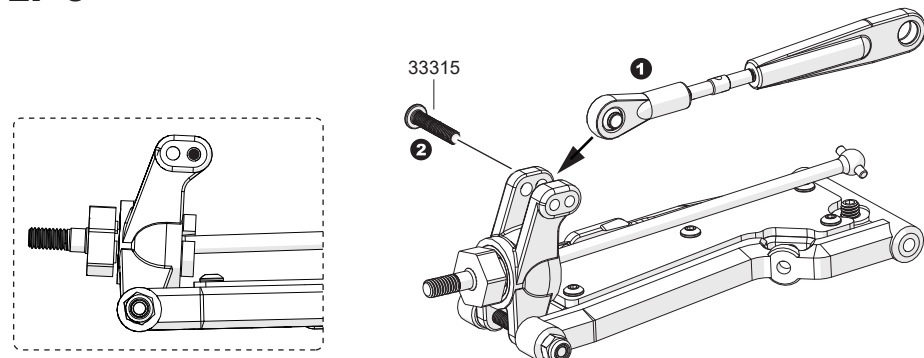
STEP 4



STEP 5



STEP 6

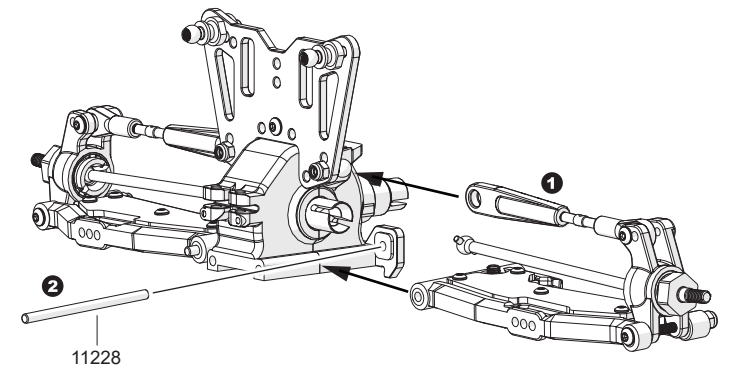


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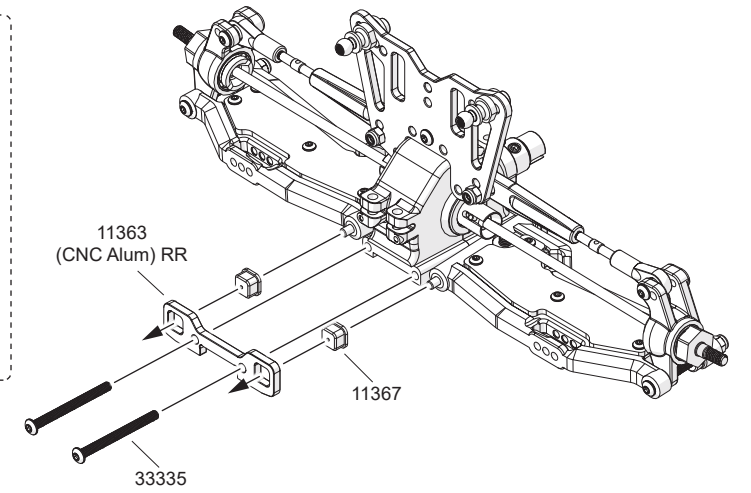
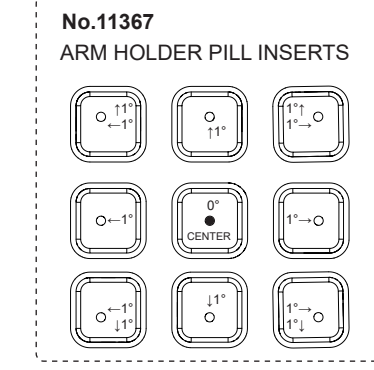
Rear Suspension Arm Assembly

-  33335
M3x35 x2
B/H Screw

STEP 1





STEP 2

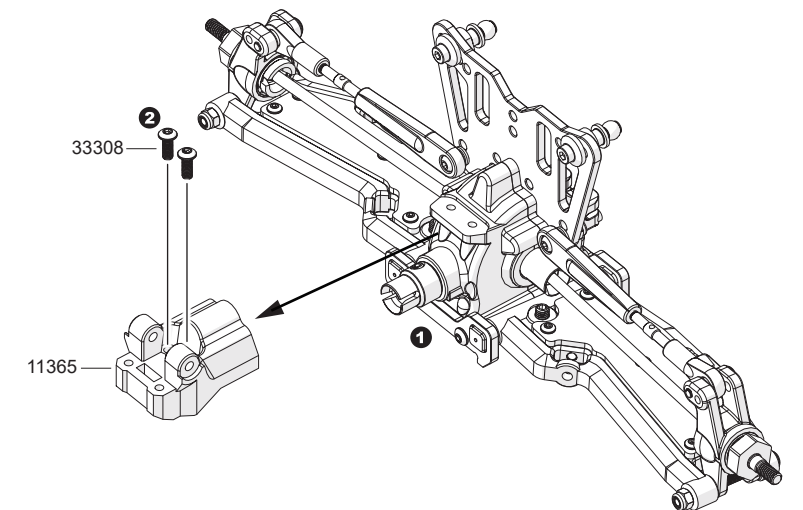


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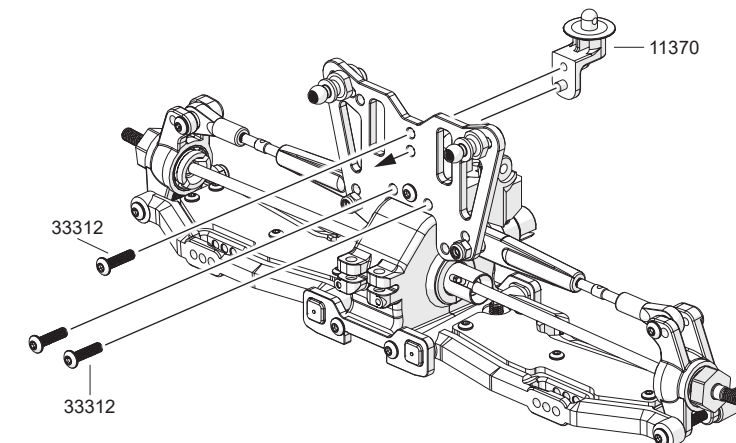
Rear Body Mount Assembly

-  33308
M3x8 x2
B/H Screw
-  33312
M3x12 x3
B/H Screw




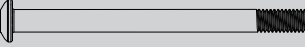

STEP 1

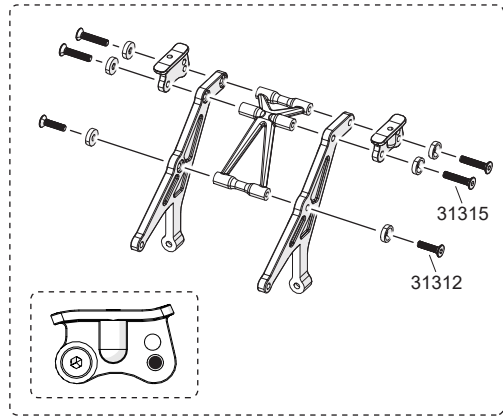
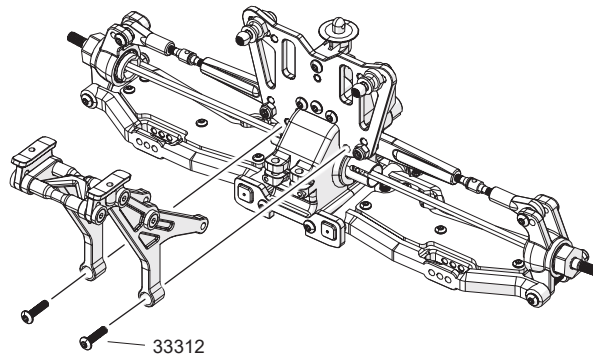
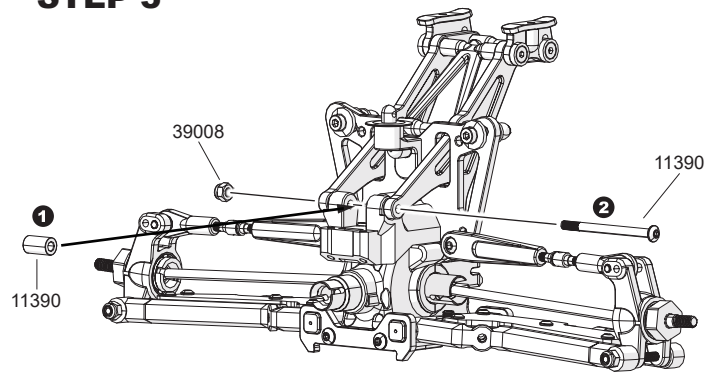





STEP 2

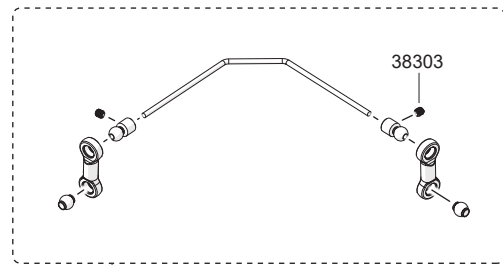
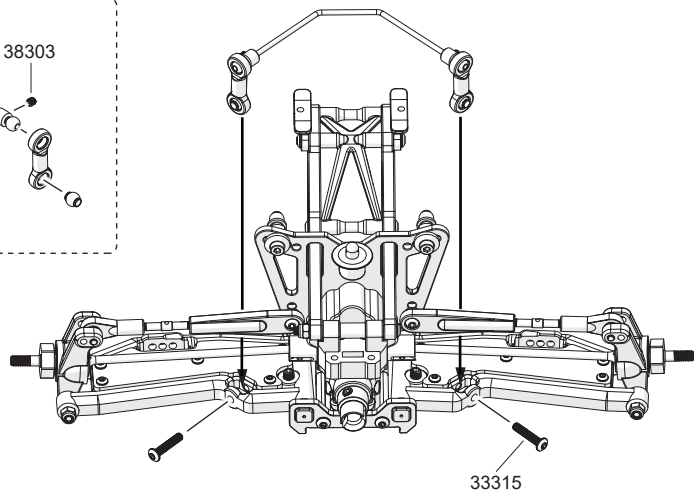
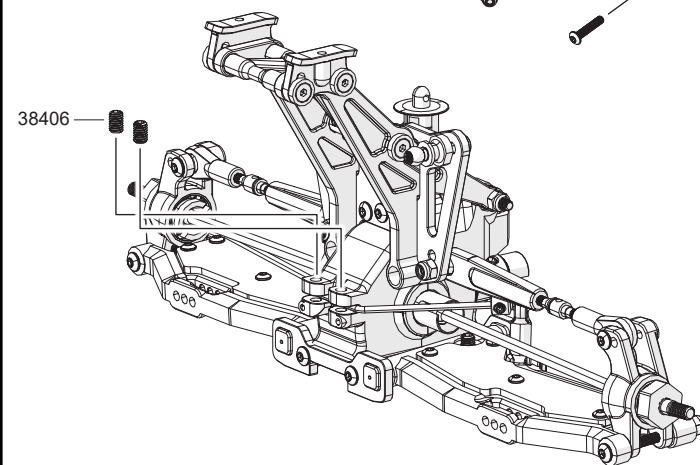




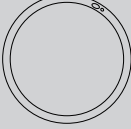
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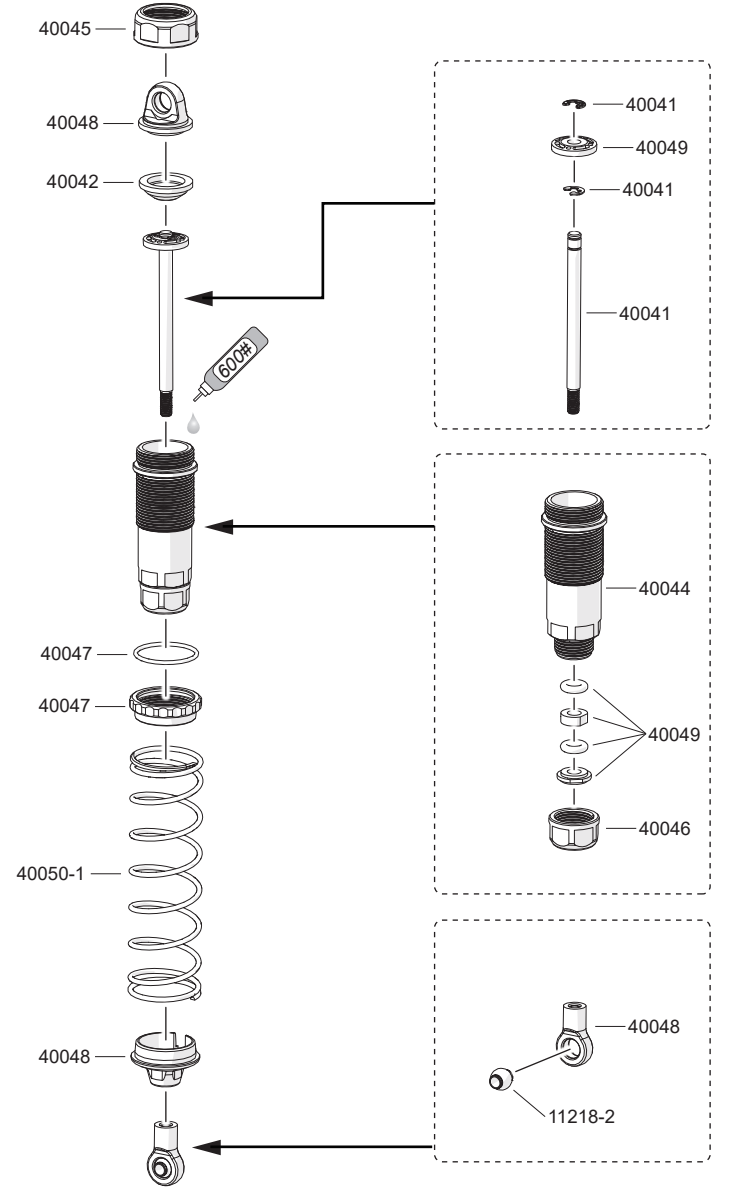
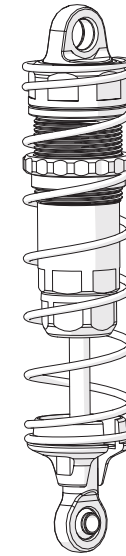
-  31312
M3x12 x2
F/H Screw
-  31315
M3x15 x2
F/H Screw
-  33312
M3x12 x2
B/H Screw
-  11390
M3x37
B/H Screw
-  39008
Nylon Nut M3 x2

Wing Mount Assembly**STEP 1****STEP 2****STEP 3****16**

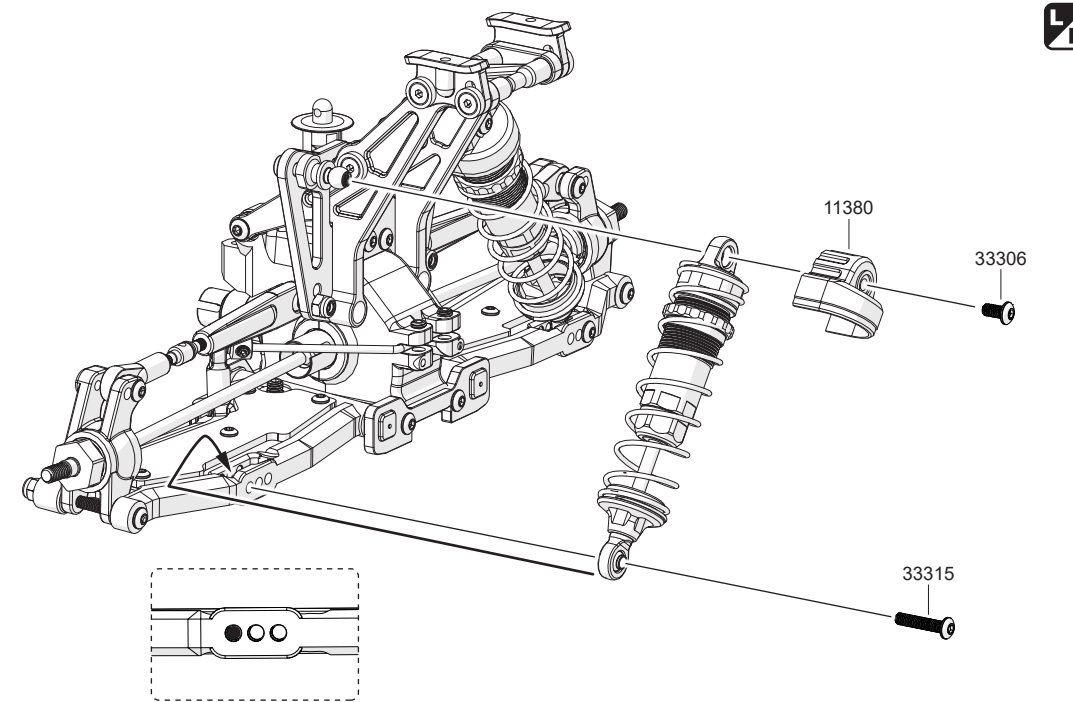
-  38303
M3x3 x2
Set Screw
-  38406
M4x6 x2
Set Screw
-  33315
M3x15 x2
B/H Screw

Rear Sway Bar Assembly**STEP 1****STEP 2****STEP 3****17**

-  40049
3.3x1.9mm x4
O-ring
-  40049
11.9x11.6mm x2.5
-  40047
15x1mm x2
O-ring

Rear Shock Absorber Assembly**x2****Rear Shock Set No.11388****18**

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

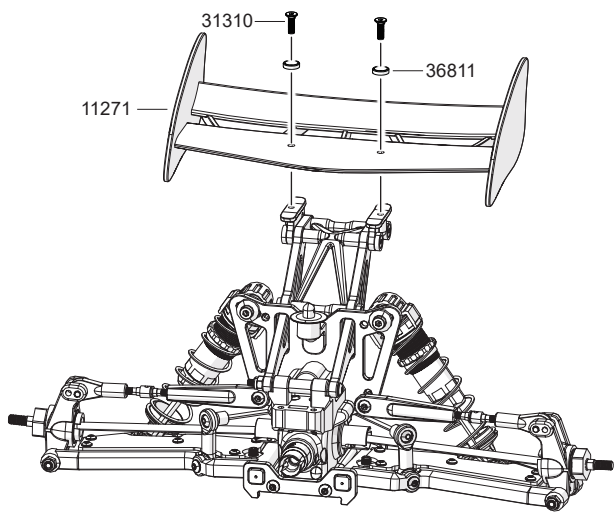
Rear Shock Assembly

19

Wing Assembly



31310
M3x10 x2
F/H Screw



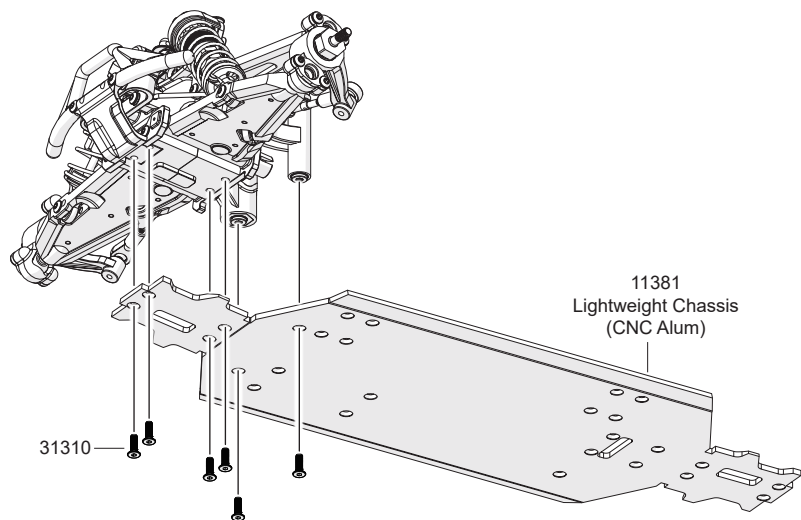
20

Front / Rear Clip Assembly

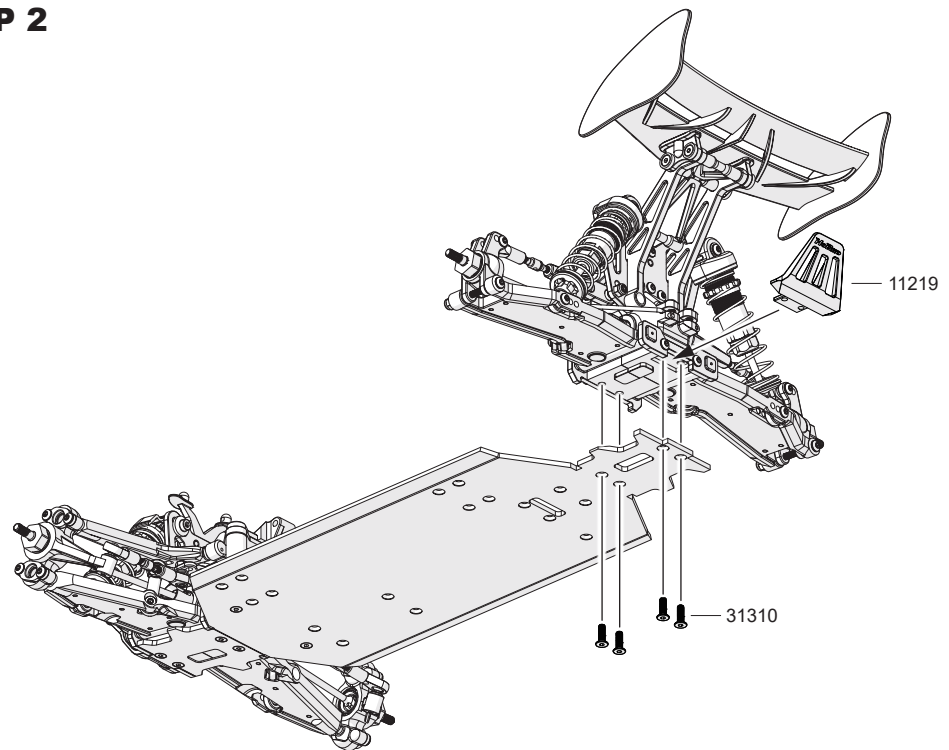


31310
M3x10 x10
F/H Screw

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

22



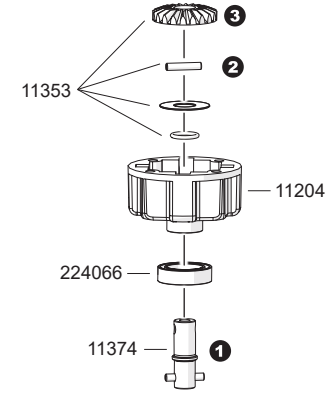
32310
M3x10 x2
Cap Screw



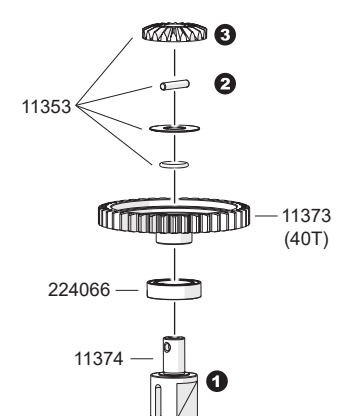
38404
M4x4 x1
Set Screw

Center Differential Assembly

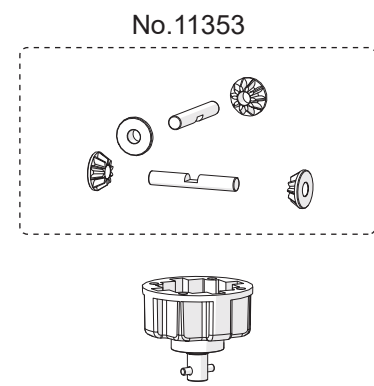
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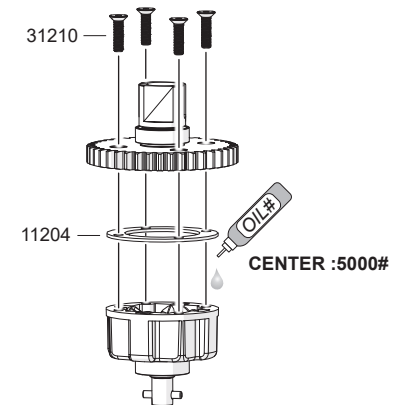
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3

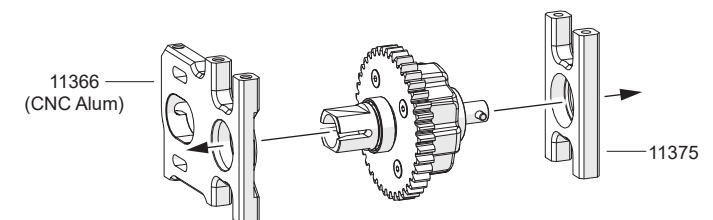


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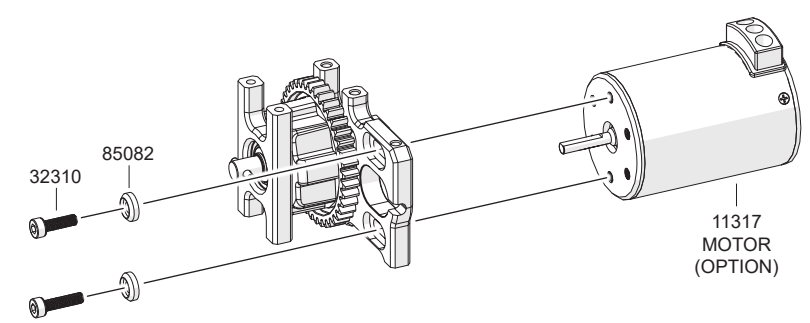


Center Differential And Motor Assembly

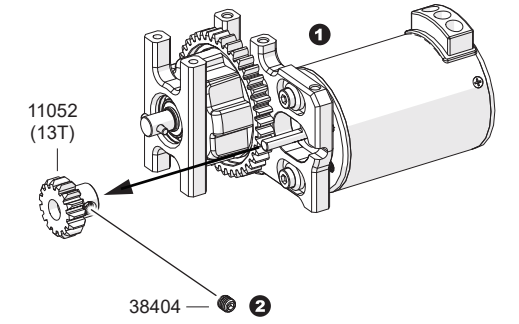
STEP 1



STEP 2



STEP 3



23

Center Drive Shaft And Motor Unit Assembly



31308
M3x8 x3
F/H Screw



31310
M3x10 x2
F/H Screw

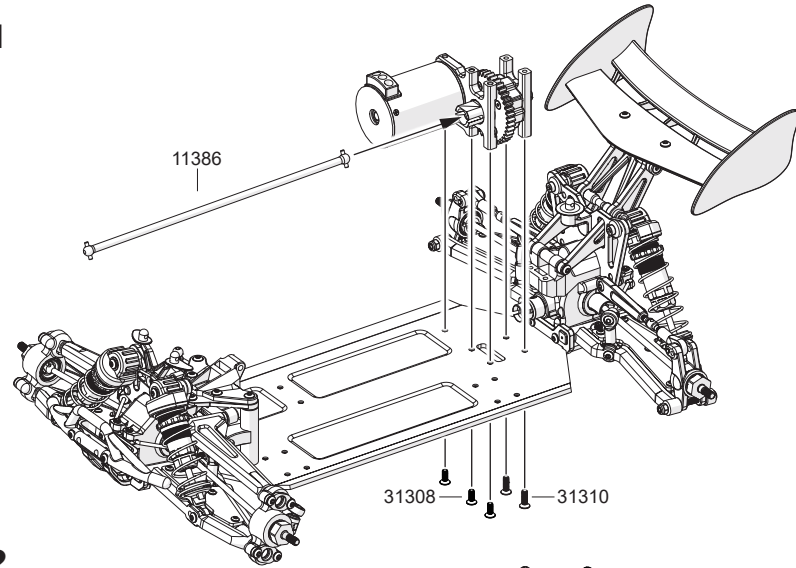


33308
M3x8 x1
B/H Screw

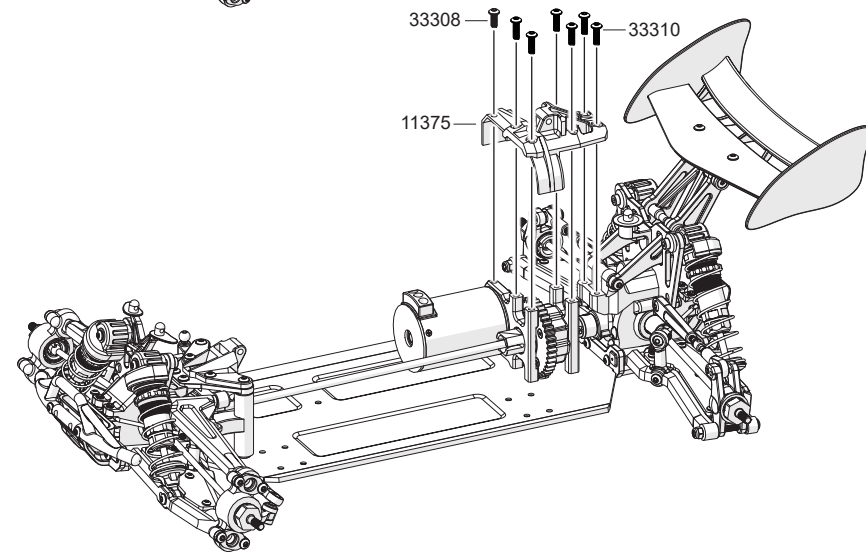


33310
M3x10 x6
B/H Screw

STEP 1



STEP 2



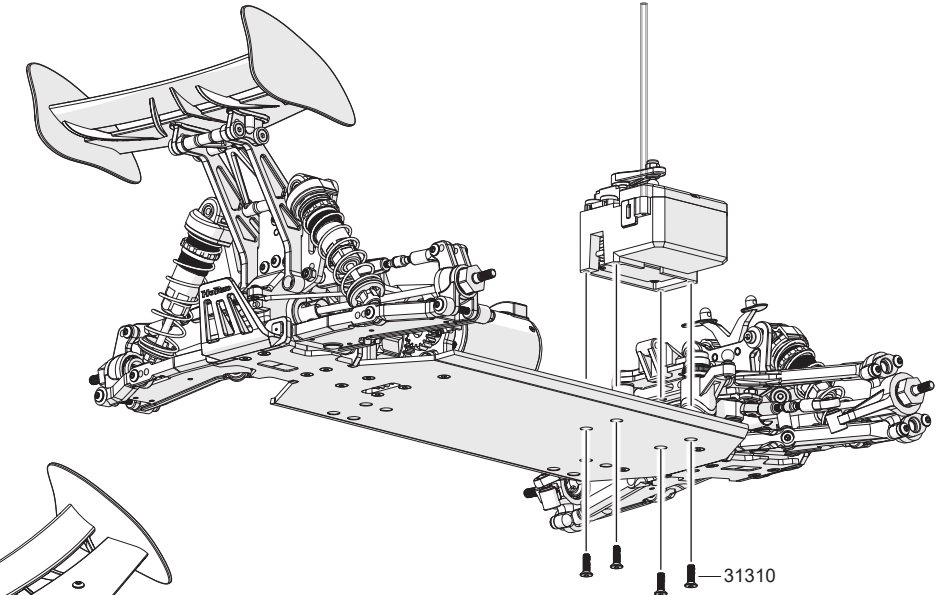
25

Steering Servo And ESC Assembly

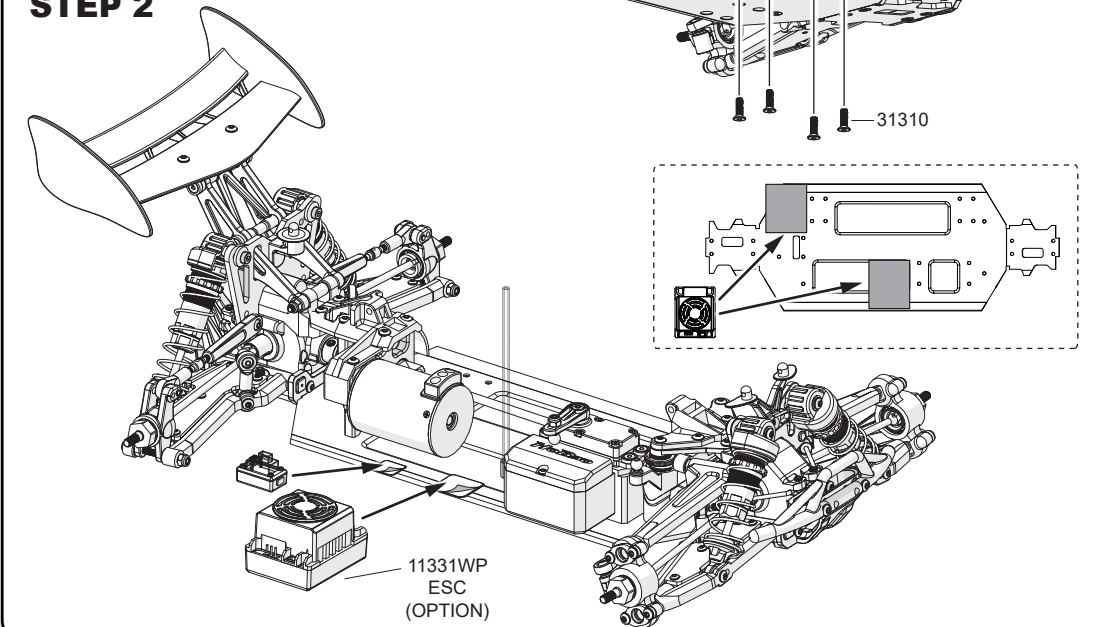


31310
M3x10 x5
F/H Screw

STEP 1



STEP 2



24

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

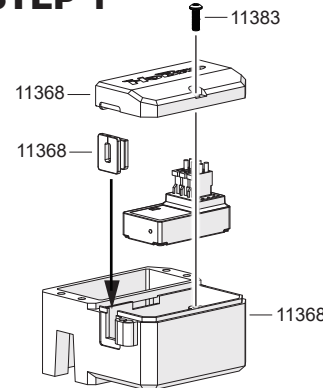


31310
M3x10 x4
F/H Screw

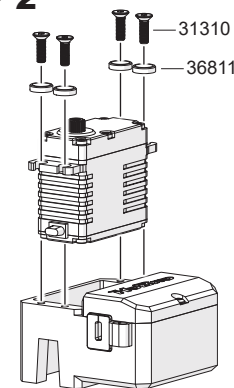


38304
M3x4 x1
Set Screw

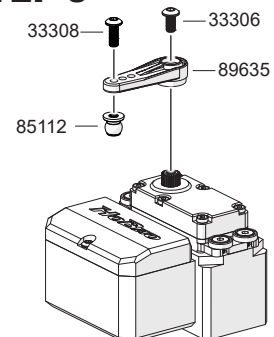
STEP 1



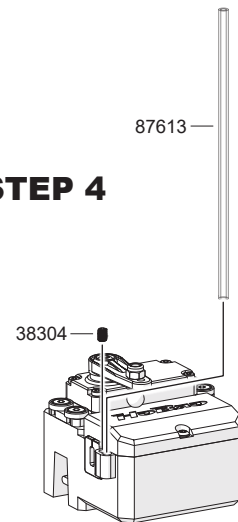
STEP 2



STEP 3

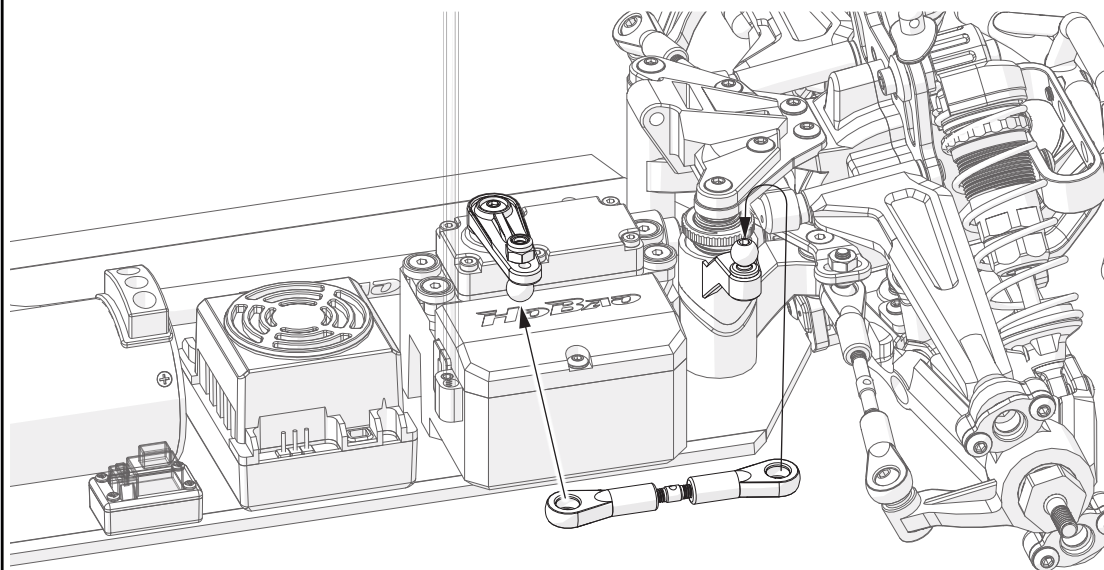
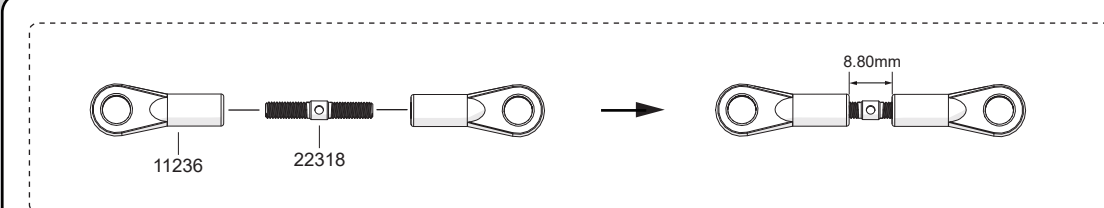


STEP 4



26

Steering Servo Linkage Assembly



27

Battery Tray Unit Assembly

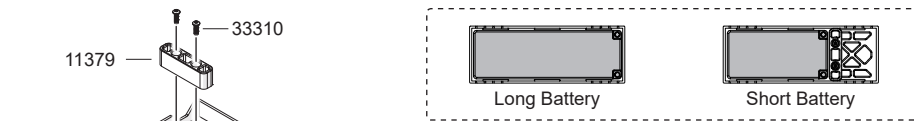


33310
M3x10 x2
B/H Screw

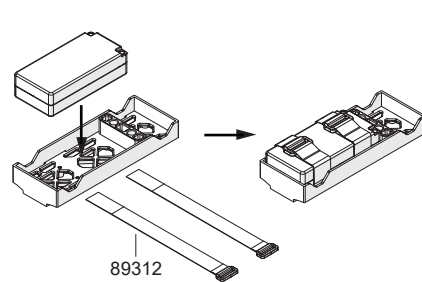


31308
M3x8 x4
F/H Screw

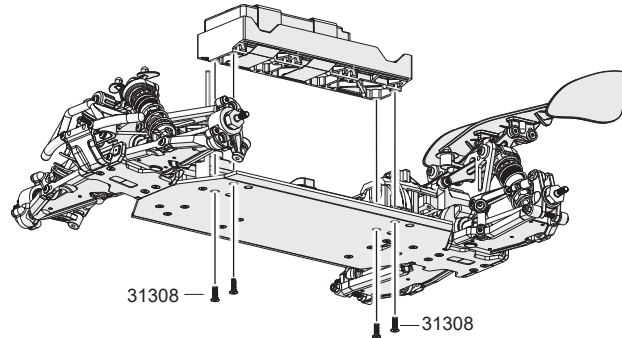
STEP 1



STEP 2



STEP 3



28

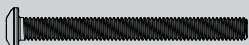
Top Brace Assembly



38303
M3x3 x4
Set Screw



33306
M3x6 x2
B/H Screw



33330
M3x30 x2
B/H Screw

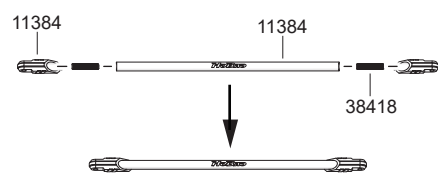


39008
Nylon Nut M3 x2

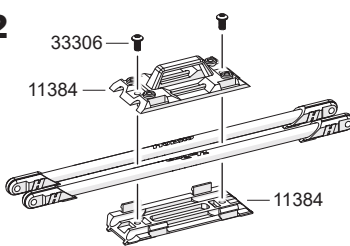


38418
M4x18 x4
Set Screw

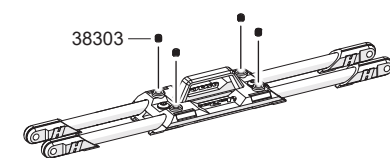
STEP 1



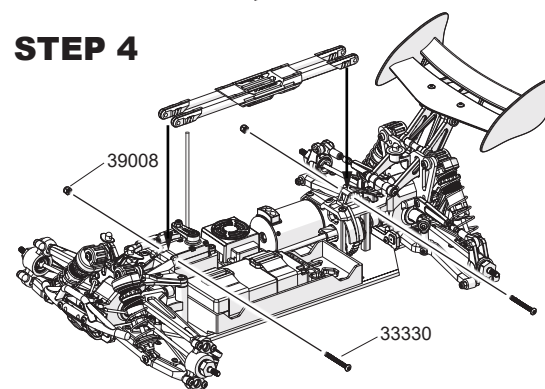
STEP 2



STEP 3



STEP 4



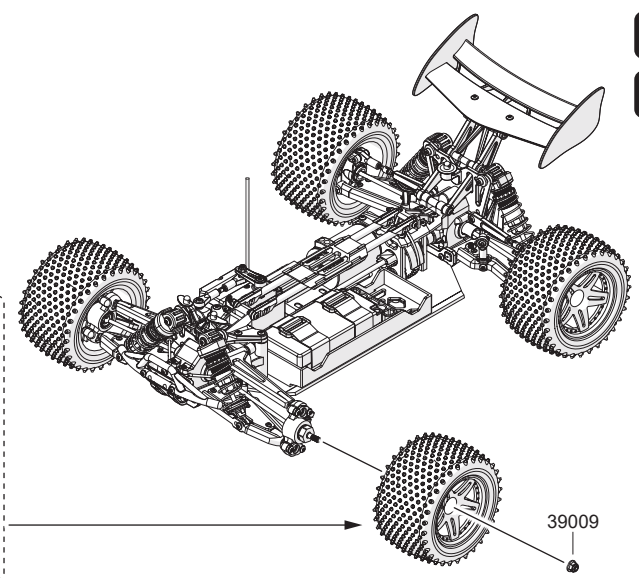
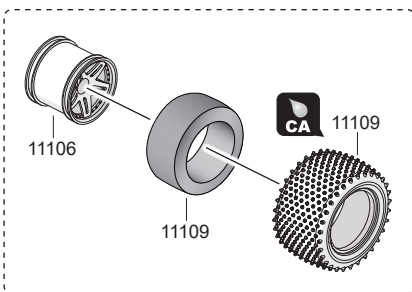
29

Tires Assembly



39009
Nylon Nut M4 x4

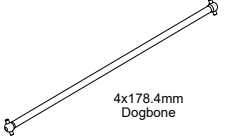


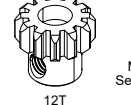
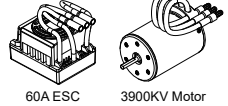
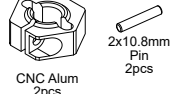



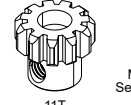

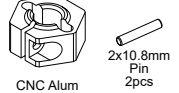



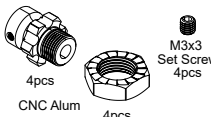

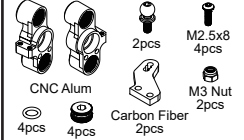
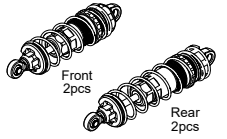
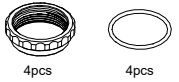
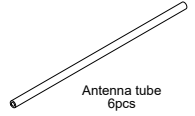

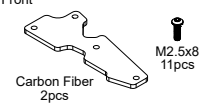
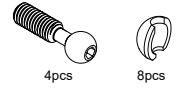
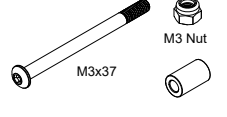
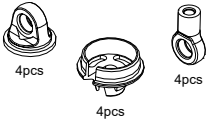
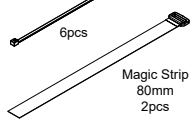

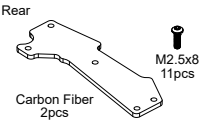


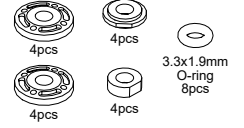

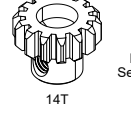
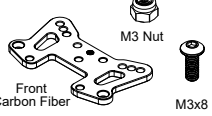

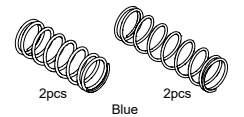

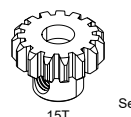
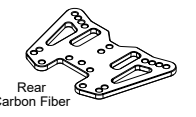
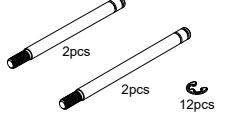


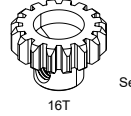
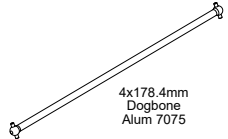
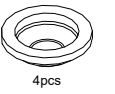







No.11105



HYPER T20 Electric

PARTS LIST

11052 13T M4x4 Set Screw	11214 4pcs M3x8 8pcs	11231 M3x15 4pcs M3x12 2pcs	11358 2pcs	11368 M2.5x8	11378 4pcs
11105 With White Wheel 4pcs	11215 4pcs	11235 M3x36.5 2pcs	11359 CNC Alum	11369 1.5mm 8pcs 2mm 2pcs 2.5mm 4pcs	11379 M3x10 3pcs
11106 White Wheel 4pcs	11217 Thin 2pcs 2x10.8mm Pin 4pcs Thick 2pcs	11236 6pcs	11360 FF CNC Alum	11370 4pcs	11380 4pcs
11109 4pcs	11218-2 4pcs	11259 M3x35 2pcs	11361 FR CNC Alum	11371 5x8x2.5mm 4pcs	11381 Lightweight CNC Alum
11201 39T	11219 2pcs	11271 M3x10 2pcs O-ring 2pcs	11362 RF CNC Alum	11372 2pcs	11382 CVA 2pcs
11202 2pcs	11222 2pcs	11353 M3x10 2pcs O-ring 2pcs 6.1x13.9x0.3 Washer 2pcs	11363 RR CNC Alum	11373 40T	11383 M2.5x8 10pcs
11204 M2.6x10 4pcs	11225 2pcs	11354 Front CNC Alum	11364 CNC Alum	11374 2pcs	11384 M3x6 2pcs M4x18 Set Screw 4pcs M3x3 Set Screw 2pcs
11205 M4x4 Set Screw 4pcs	11226 2pcs	11355 Rear CNC Alum	11365 2pcs	11375 2pcs	11385 Clear Body
11206 2pcs	11227 3.4x88mm Rear Dogbone 2pcs	11356 2pcs	11366 CNC Alum	11376 Front M3x3 Set Screw 2pcs	11385BU Blue Body
11207 2pcs	11228 3x51mm Pin 4pcs 3x36mm Pin 2pcs	11357 2pcs	11367 8pcs	11377 Rear M3x3 Set Screw 2pcs	11385SV Silver Body

OPTIONAL PARTS					
11386  4x178.4mm Dogbone	40044  Rear 2pcs	85152  M4x10 Set Screw 5pcs	11042  12T M4x4 Set Screw	11330WP  60A ESC 3900KV Motor	OP1-0075  CNC Alum 2pcs 2x10.8mm Pin 2pcs
11387  Front 2pcs	40045  4pcs	87031  2pcs	11051  11T M4x4 Set Screw	11331WP  60A ESC	OP1-0076  CNC Alum +1mm 2pcs 2x10.8mm Pin 2pcs
11388  Rear 2pcs	40046  4pcs	87044S  4pcs	11067  4pcs CNC Alum 4pcs M3x3 Set Screw 4pcs	40127  Wheel 2pcs	OP1-0077  CNC Alum 4pcs M2.5x8 4pcs Carbon Fiber 2pcs M3 Nut 2pcs
11389  Front 2pcs Rear 2pcs	40047  4pcs 4pcs	87613  Antenna tube 6pcs	11105Y  With Yellow Wheel 4pcs	OP1-0068  Front Carbon Fiber 2pcs M2.5x8 11pcs	OP1-0078  4pcs 6pcs
11390  M3x37 M3 Nut	40048  4pcs 4pcs	89312  6pcs Magic Strip 80mm 2pcs	11106Y  Yellow Wheel 4pcs	OP1-0069  Rear Carbon Fiber 2pcs M2.5x8 11pcs	OP1-0079  CNC Alum
22318  M3x20 2pcs	40049  4pcs 4pcs 3x1.9mm O-ring 6pcs 4pcs	89635  CNC Alum M3x8	11306  14T M4x4 Set Screw	OP1-0070  Front Carbon Fiber M3 Nut	
36811  CNC Alum 3mm Washer 10pcs	40050-1  2pcs Blue 2pcs	224065  5x11x4mm 6pcs	11311  15T M4x4 Set Screw	OP1-0071  Rear Carbon Fiber	
40041  2pcs 2pcs 12pcs	84075  6x13x5mm 4pcs	224066  10x15x4mm 4pcs	11312  16T M4x4 Set Screw	OP1-0072  4x178.4mm Dogbone Alum 7075	
40042  4pcs	85082  CNC Alum 2pcs		11317  3900KV Motor	OP1-0073  Front Grey 2pcs	
40043  Front 2pcs	85112  5.8mm Alum 7075 4pcs		11318  60A ESC	OP1-0074  Rear Grey 2pcs	

STANDARD PARTS		SCREW	
11052	MOTOR GEAR 13T	11376	FRONT ANTI ROLL BAR SET
11105	TT TRUCK COMPLETE TIRE SET	11377	REAR ANTI ROLL BAR SET
11106	TT WHEEL, 4PCS	11378	BALL STUD 5.8MM
11109	TT TIRES WITH INSERT	11379	BATTERY TRAY SET
11201	CROWN GEAR	11380	SHOCK CAP PROTECTOR
11202	DRIVE PINION GEAR	11381	CNC ALUM LIGHTWEIGHT CHASSIS
11204	DIFF CASE W/GASKET	11382	CVA DRIVESHAFT SET
11205	STEEL JOINT CUP	11383	M2.5x8 BUTTON HEAD SCREW, 10PCS
11206	F/R DIFF OUTPUTS	11384	TOP BRACE SET
11207	GEAR BOX CASE	11385	TT 2.0 CLEAR BODY
11214	FRONT STEERING KNUCKLES	11385BU	TT 2.0 BLUE BODY
11215	PILLOW BALL	11385SV	TT 2.0 SILVER BODY
11217	WHEEL HEX HUB	11386	CENTER DOG BONES 4x178.4MM
11218-2	BALLS - 5.8MM	11387	FRONT SHOCK ABSORBER SET
11219	F/R BUMPER SET	11388	REAR SHOCK ABSORBER SET
11222	REAR UPPER ARMS	11389	FRONT/REAR SHOCK ABSORBER SET
11225	REAR HUB CARRIER	11390	M3X37X8 SCREW WITH TUBE SET
11226	REAR AXLES	22318	TURNBUCKLE ROD FOR STEERING
11227	REAR DOG BONES 3.4x88MM	36811	CNC ALUM 3MM WASHER, 10PCS
11228	HINGE PIN SET	40041	FRONT/REAR SHOCK SHAFT SET
11231	WING MOUNT SET	40042	SHOCK BLADDER
11235	TURNBUCKLE FOR REAR UPPER ARM	40043	FRONT SHOCK BODY
11236	TURNBUCKLE ROD ENDS	40044	REAR SHOCK BODY
11259	REAR ARM SHAFT - 3x35MM	40045	SHOCK CAP TOP
11271	REAR WING	40046	SHOCK CAP BOTTOM
11353	BEVEL GEAR SET	40047	ADJUSTABLE SHOCK RING
11354	CNC ALUM FRONT SHOCK TOWER	40048	SHOCK NYLON SET
11355	CNC ALUM REAR SHOCK TOWER	40049	SHOCK PISTON SET
11356	FRONT UPPER ARMS	40050-1	FRONT/REAR SHOCK SPRING - BLUE, 4PCS
11357	FRONT LOWER ARMS	84075	BEARING 6x13x5MM
11358	REAR LOWER ARMS	85082	ALUM WASHER FOR MOTOR MOUNT
11359	CNC ALUM FRONT SERVO SAVER TOP PLATE SET	85112	ALUM 7075 FLANGED BALLS - 5.8MM
11360	CNC ALUM FRONT LOWER ARMS HOLDER (FF)	85152	DROOP SCREW
11361	CNC ALUM FRONT LOWER ARMS HOLDER (FR)	87031	SHOCK BALLS - 5.8MM
11362	CNC ALUM REAR LOWER ARMS HOLDER (RF)	87044S	ALUM COLLAR 3x10MM
11363	CNC ALUM REAR LOWER ARMS HOLDER (RR)	87613	ANTIENNA TUBE, 6 PCS
11364	CNC ALUM STEELRING RACK SET	89312	MAGIC STRIP (80mm), 3PCS
11365	CENTER TOP BRACE MOUNT SET	89635	CNC ALUM FUTABA SERVO HORN (25T)
11366	CNC ALUM MOTOR MOUNT	224065	BEARING 5x11x4MM
11367	ARM HOLDER PILL INSERTS	224066	BEARING 10x15x4MM
11368	RECEIVER BOX SET		
11369	HINGE PIN BUSHINGS		
11370	FRONT/REAR BODY POST		
11371	SERVO SAVER HUB SET		
11372	STEERING BELL CRANK SET		
11373	SPUR GEAR 40T		
11374	CENTER DIFFERENTIAL OUTDRIVE CUP		
11375	CENTER DIFFERENTIAL MOUNT & GEAR COVER		
31210	M2.6x10 FLAT HEAD SCREW		
31310	M3x10 FLAT HEAD SCREW		
31312	M3x12 FLAT HEAD SCREW		
31315	M3x15 FLAT HEAD SCREW		
32310	M3x10 CAP HEAD SCREW		
32312	M3x12 CAP HEAD SCREW		
33306	M3x6 BUTTON HEAD SCREW		
33308	M3x8 BUTTON HEAD SCREW		
33310	M3x10 BUTTON HEAD SCREW		
33312	M3x12 BUTTON HEAD SCREW		
33315	M3x15 BUTTON HEAD SCREW		
33330	M3x30 BUTTON HEAD SCREW		
33335	M3x35BUTTON HEAD SCREW		
38303	M3x3 SET SCREW		
38404	M4x4 SET SCREW		
38406	M4x6SET SCREW		
38418	M4x18SET SCREW		
39004	M3 NUT		
39008	M3 NYLON NUT		
		OPTIONAL PARTS	
		11042	MOTOR GEAR 12T
		11051	MOTOR GEAR 11T
		11067	CNC ALUM HEX CONVERSION WHEEL HUB, 4PCS
		11105Y	TT 2.0 COMPLETE TIRE WITH YELLOW WHEEL SET
		11106Y	TT 2.0 YELLOW WHEEL
		11306	MOTOR GEAR 14T
		11311	MOTOR GEAR 15T
		11312	MOTOR GEAR 16T
		11317	1/10 SL-10T 3650S- 3900 KV BRUSHLESS MOTOR
		11318	1/10 BRUSHLESS PROGRAM CARD-C-V1
		11330WP	1/10 60A BRUSHLESS SPEED CONTROLLER AND 3900 KV MOTOR SET
		11331WP	1/10 60A BRUSHLESS SPEED CONTROLLER
		40127	EX10 REAR WHEEL, 2PCS
		HB-2.4G-V2	2.4G GHZ FHSS RADIO-V2.0 W/ RECEIVER SET
		HB-5518MG	SERVO 18kg-cm METAL GEAR
		OP1-0068	TT 2.0 CARBON FIBER FRONT LOWER ARM STIFFENER
		OP1-0069	TT 2.0 CARBON FIBER REAR LOWER ARM STIFFENER
		OP1-0070	TT 2.0 CARBON FIBER FRONT SHOCK TOWER
		OP1-0071	TT 2.0 CARBON FIBER REAR SHOCK TOWER
		OP1-0072	TT 2.0 ALUM 7075 CENTER DOG BONES 4x178.4MM
		OP1-0073	TT 2.0 FRONT SHOCK SPRING - GREY, 2 PCS
		OP1-0074	TT 2.0 REAR SHOCK SPRING - GREY, 2 PCS
		OP1-0075	TT 2.0 CNC ALUM FRONT WHEEL HEX HUB
		OP1-0076	TT 2.0 CNC ALUM REAR WHEEL HEX HUB + 1MM
		OP1-0077	TT 2.0 CNC ALUM FRONT STEERING BLOCK SET
		OP1-0078	TT 2.0 STEERING PIVOT BALL
		OP1-0079	TT 2.0 CNC ALUM REAR HUB

