

HYPER MTX

HoBao

**1/8th
SCALE**

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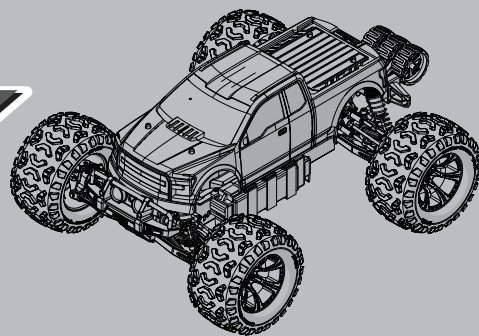
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HoBao Racing Direct eShop: <http://eshop.hobao-racing.com>



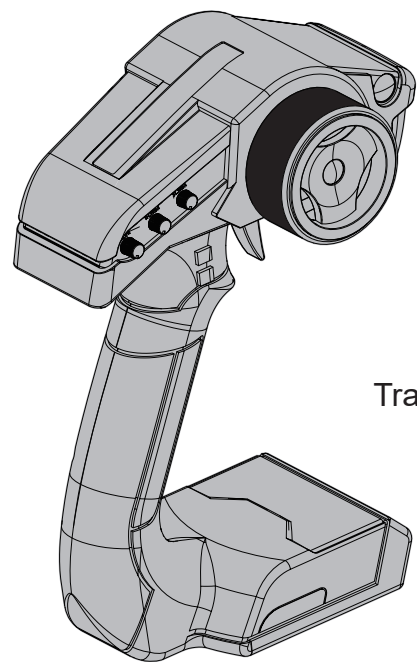
INSTRUCTION MANUAL

HYPER MTX

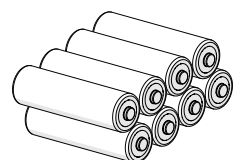


REQUIRED

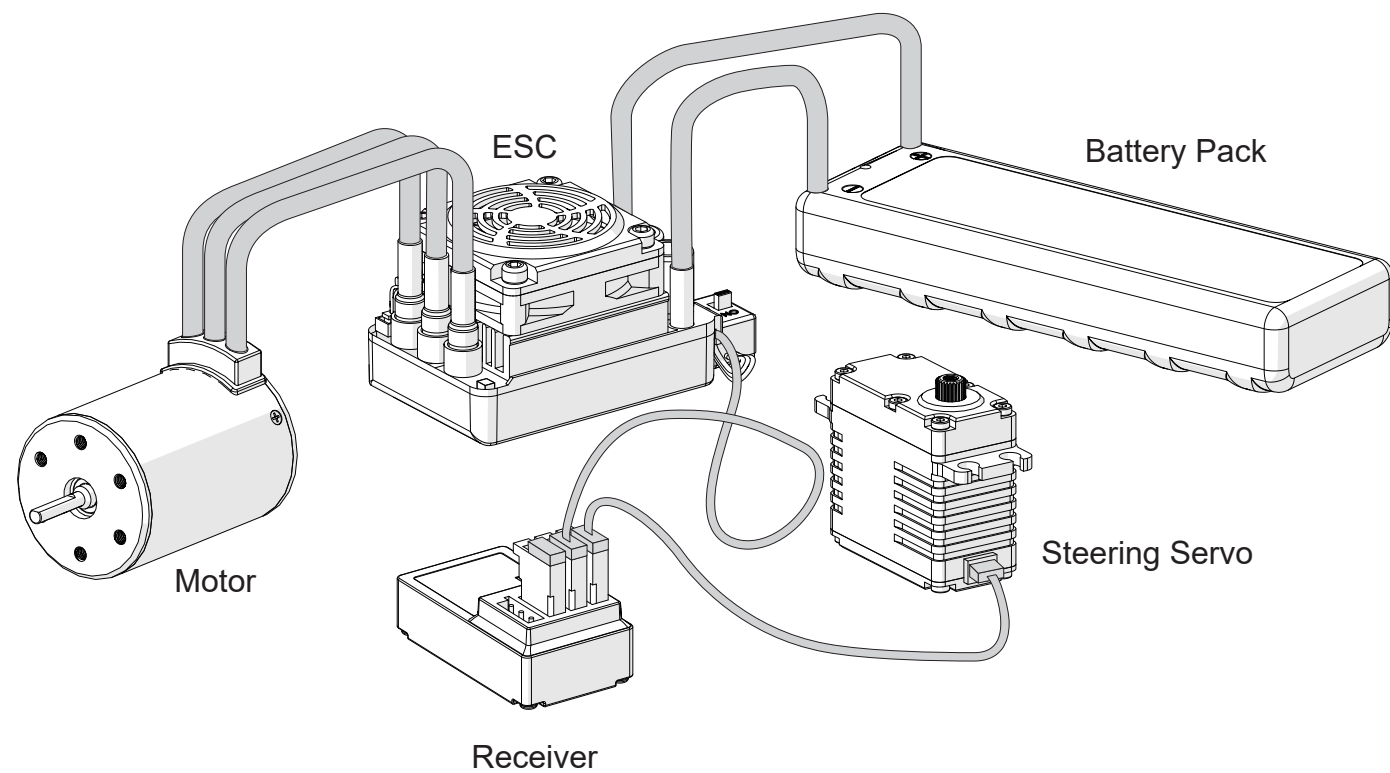
Radio Control Equipment Set



Transmitter



8 AA Size Batteries
For Transmitter



Motor

ESC

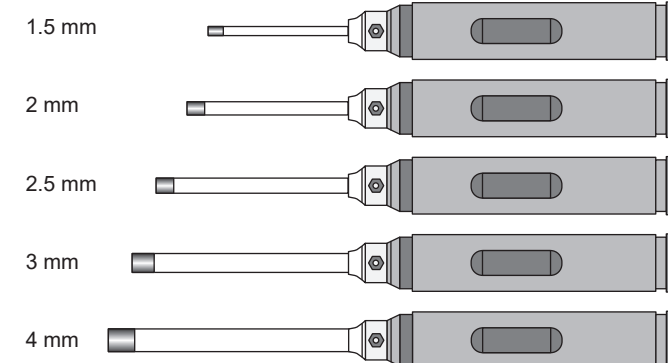
Battery Pack

Steering Servo

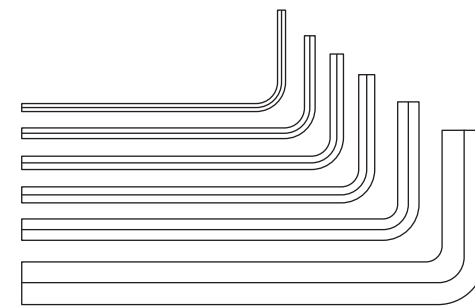
Receiver

Tools Recommended

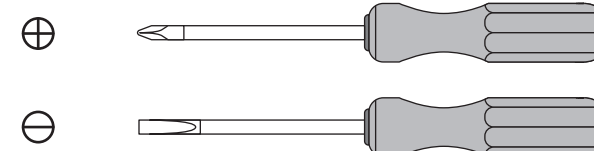
Hex Wrench



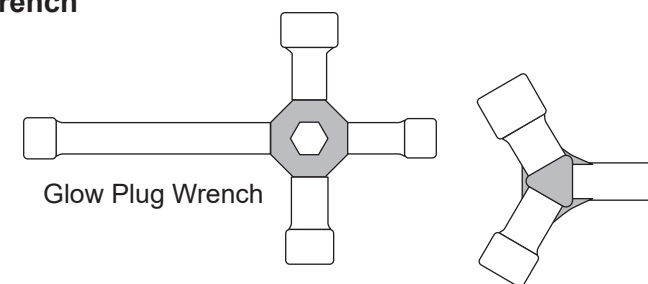
1.5 mm
2 mm
2.5 mm
3 mm
4 mm
8 mm



Screwdriver



Wrench



Glow Plug Wrench

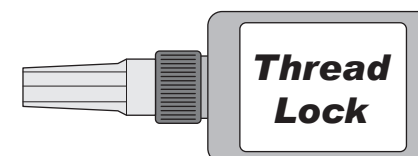
Instant Cement



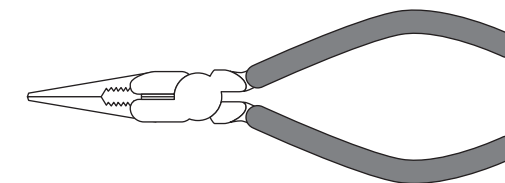
Rubber Cement



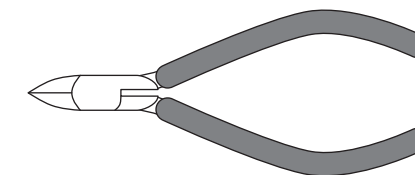
Thread Lock



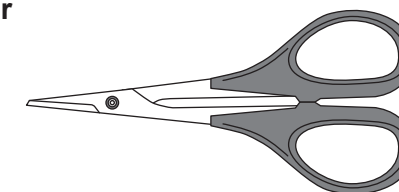
Long Nose Pliers



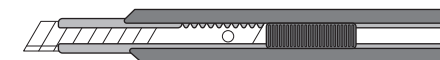
Side Cutter



Curved Scissor



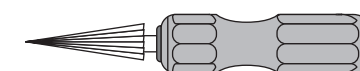
Modeling Knife



Tweezers



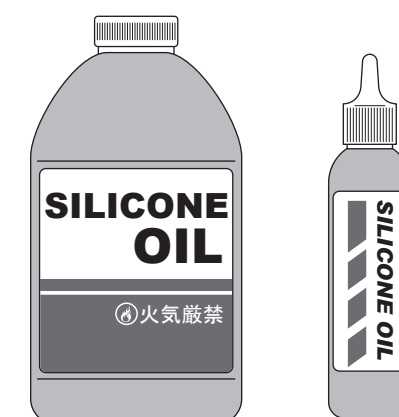
Reamer



Grease



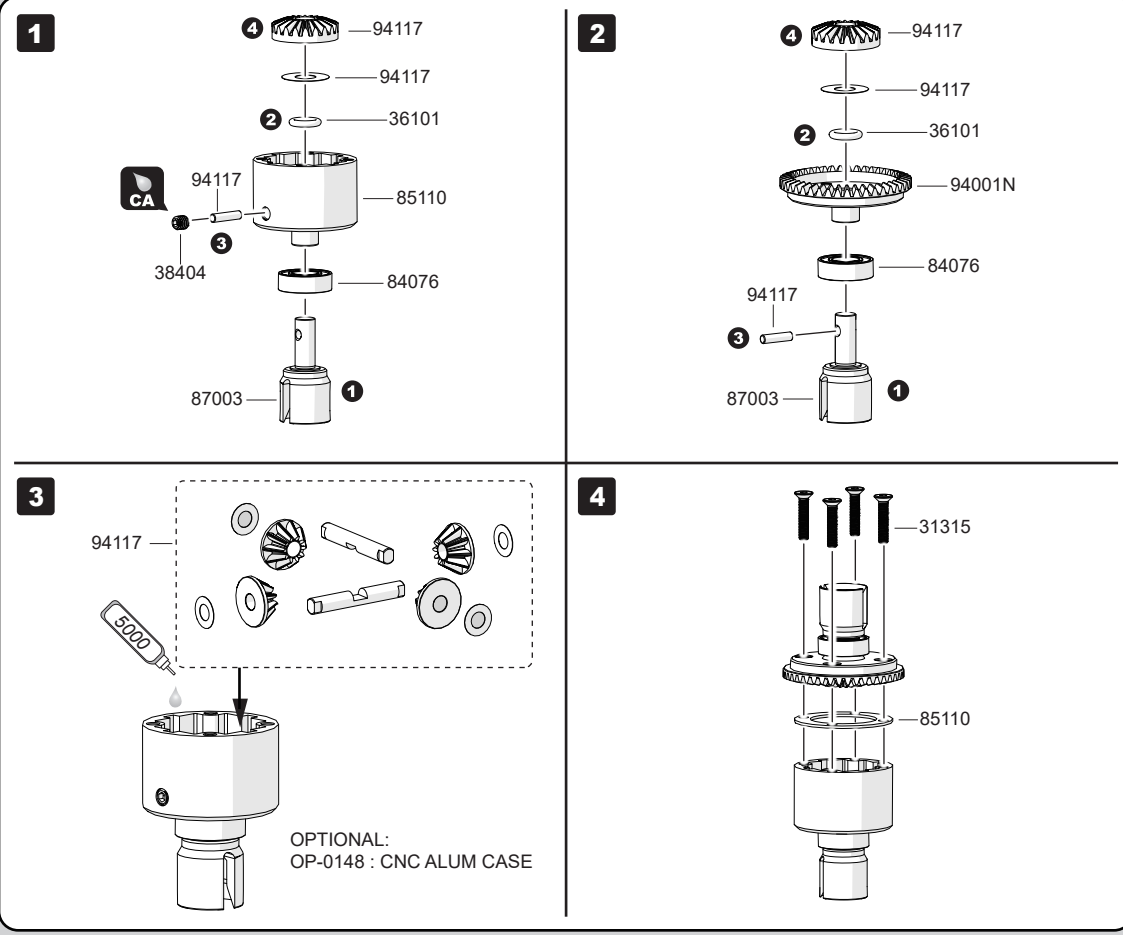
Silicone Oil



1

- 94117
4x8x0.1mm x8
Washer
- 94117
6.2x13.9x0.15mm x4
Washer
- 36101
5.8x1.9mm x4
O-ring
- 38404
M4x4 x1
Set Screw
- 31315
M3x15 x8
F/H Screw
- 94117
2.5x10.8mm x4
Shaft
- 84076
8x16x5mm x4
Ball Bearing

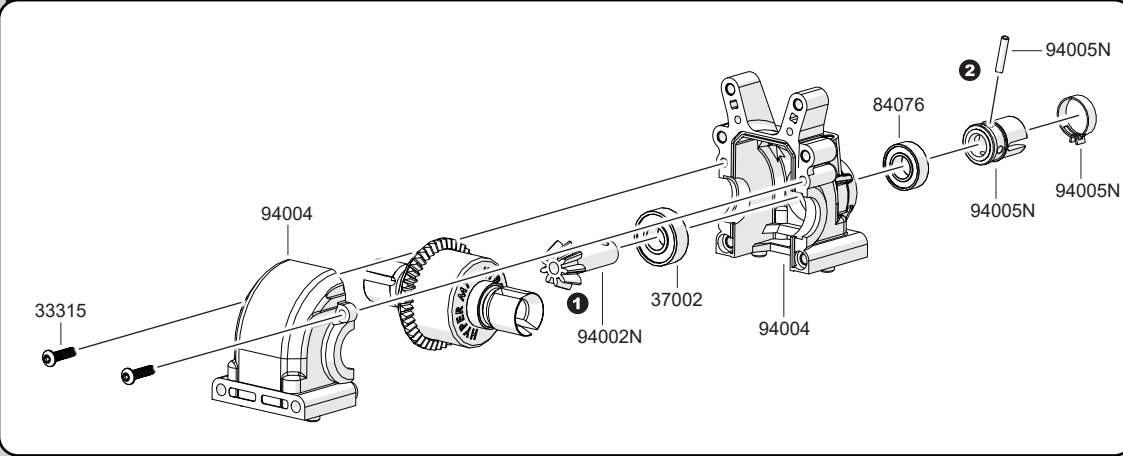
Front / Rear Differential Assembly x2



2

- 33315
M3x15 x4
B/H Screw
- 84076
8x16x5mm x2
Ball Bearing
- 37002
8x19x6mm x2
Ball Bearing

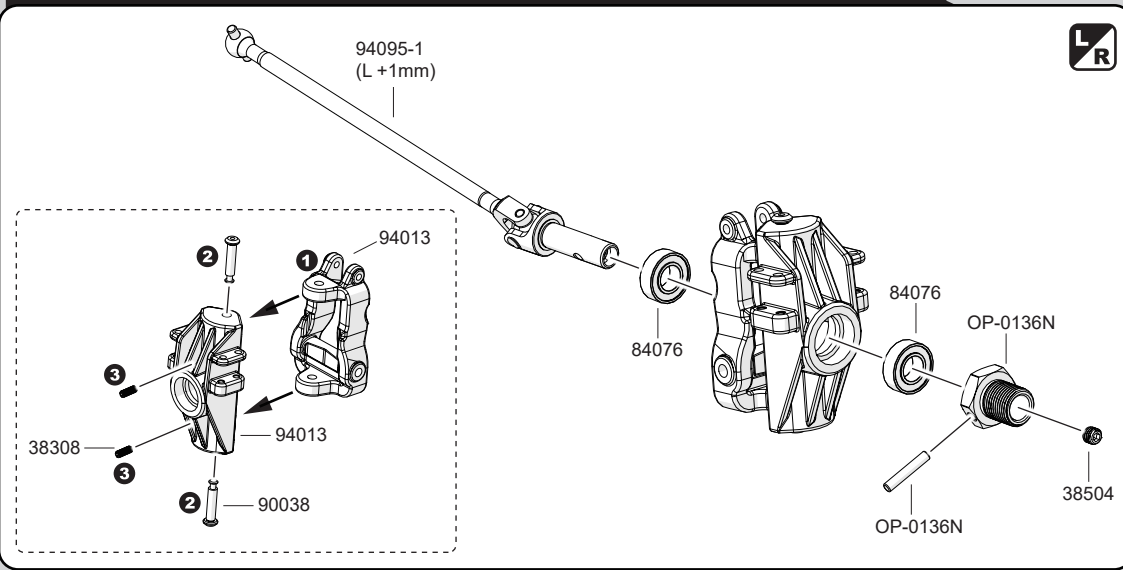
Front / Rear Gear Box Assembly x2



3

- OP-0136N
3x16.8mm x2
Shaft
- 84076
8x16x5mm x4
Ball Bearing
- 38504
M5x4 x2
Set Screw
- 38308
M3x8 x4
Set Screw

Front Steering Knuckle & Universal Joint Assembly



4

- 94078
M4 Nut x2
- 94078
M4x62 x2
Cap Screw

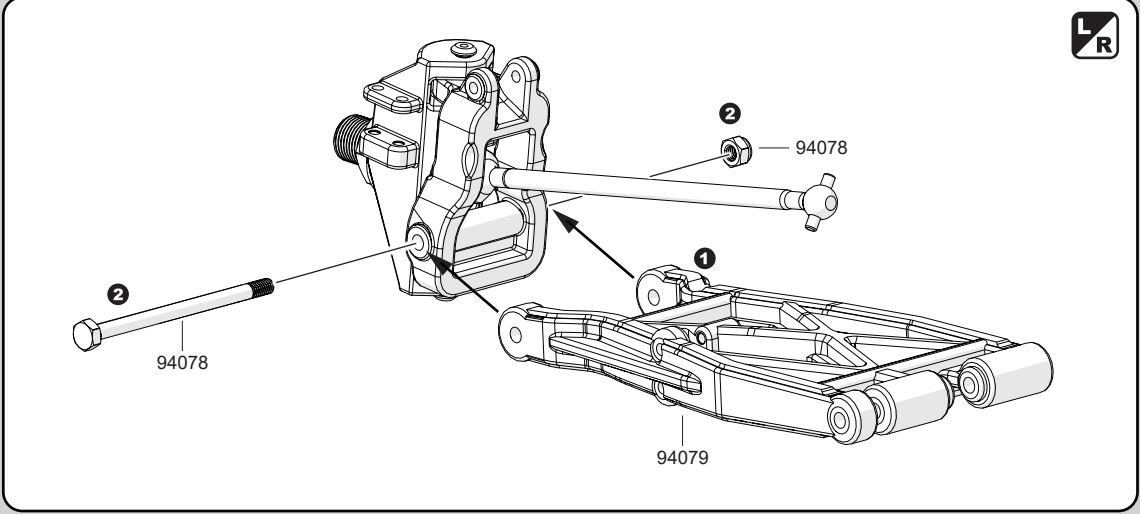
5

- 33318
M3x18 x4
B/H Screw

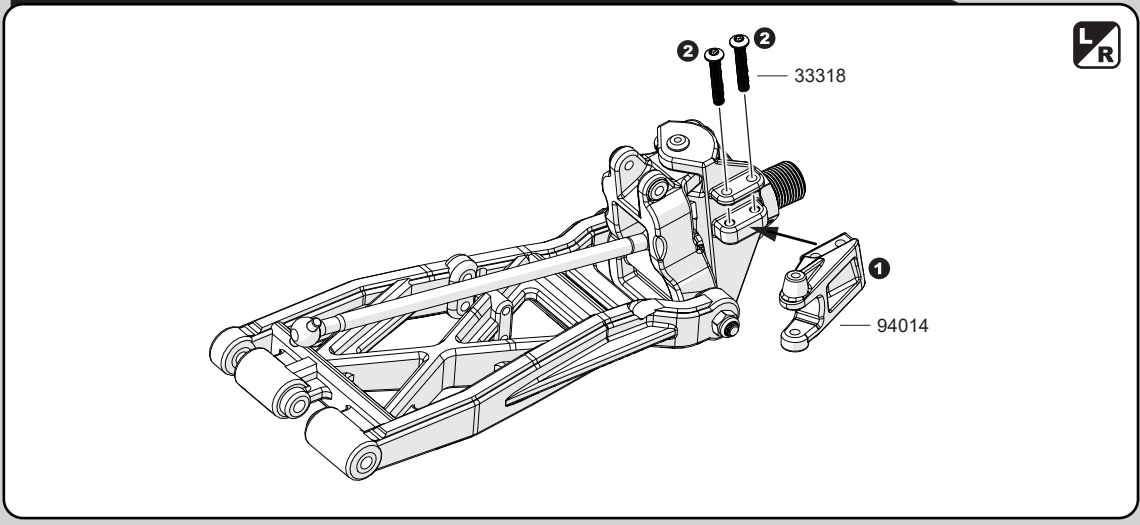
6

- 39008
M3 Nut x2
- 32325
M3x25 x2
Cap Screw

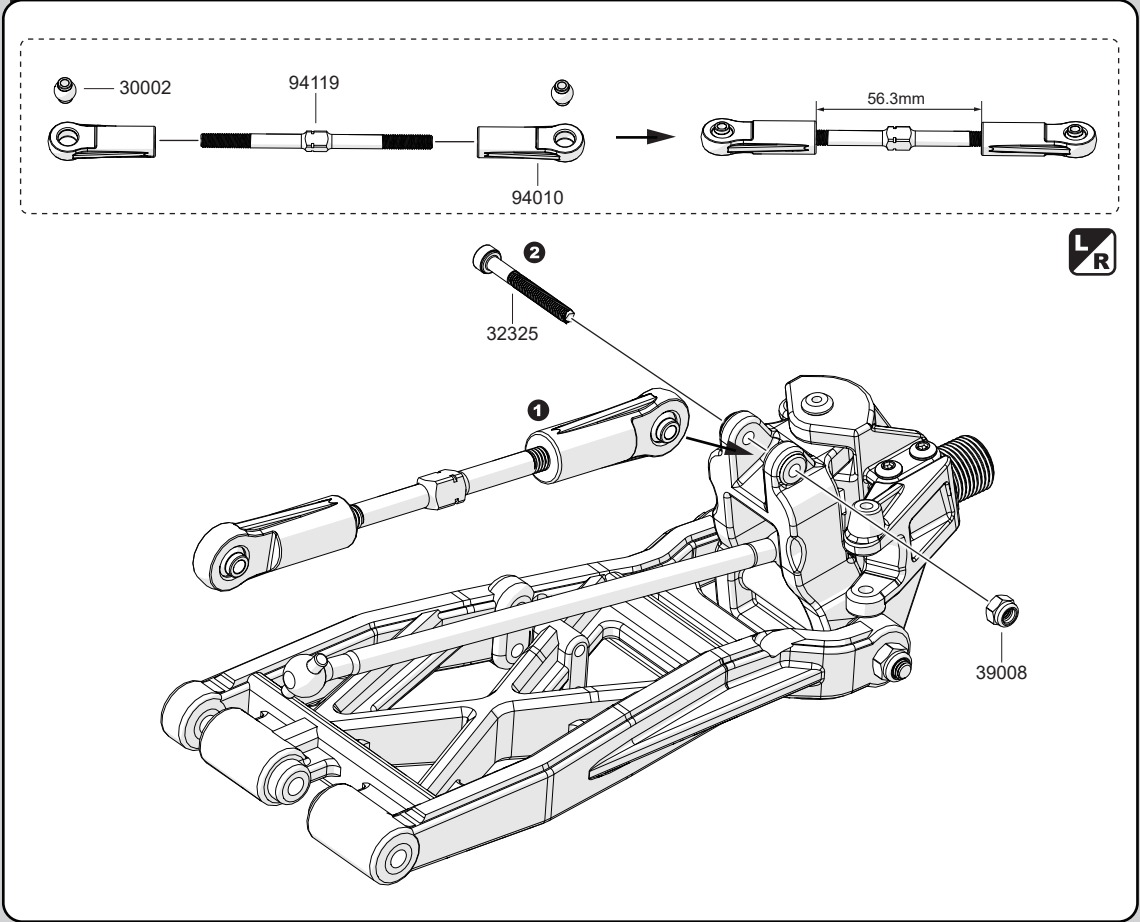
Front Steering Knuckle Hinge Pin Assembly



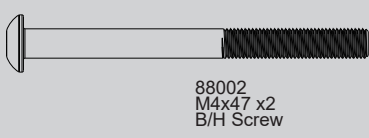
Front Steering Knuckle Arm Link Assembly



Front Camber Linkage Assembly

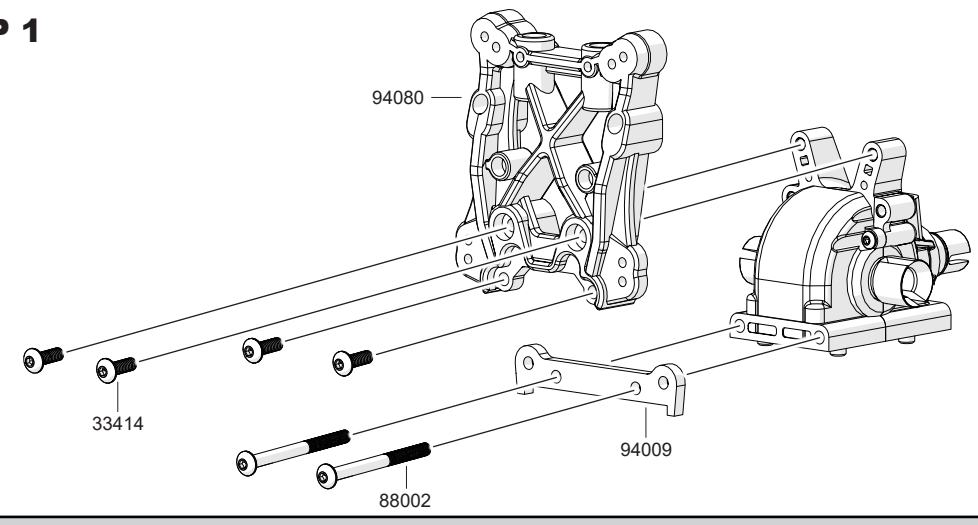


7



Front Shock Tower & Alum Lower Holder Assembly 1

STEP 1

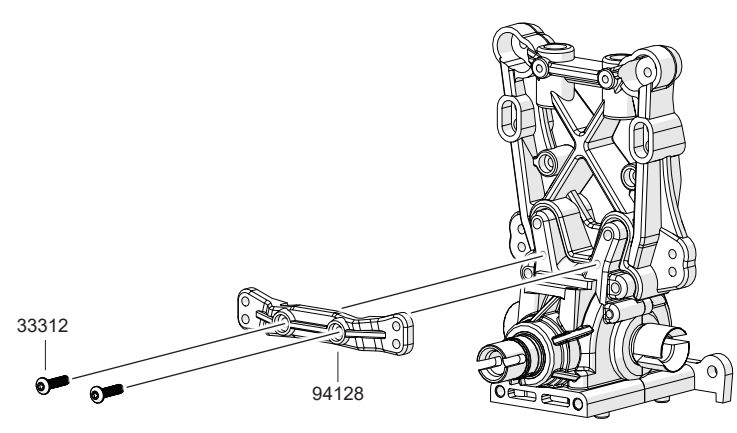


8

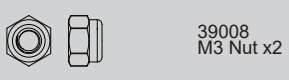
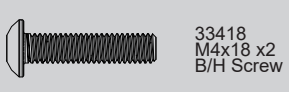


Front Shock Tower & Alum Lower Holder Assembly 2

STEP 2

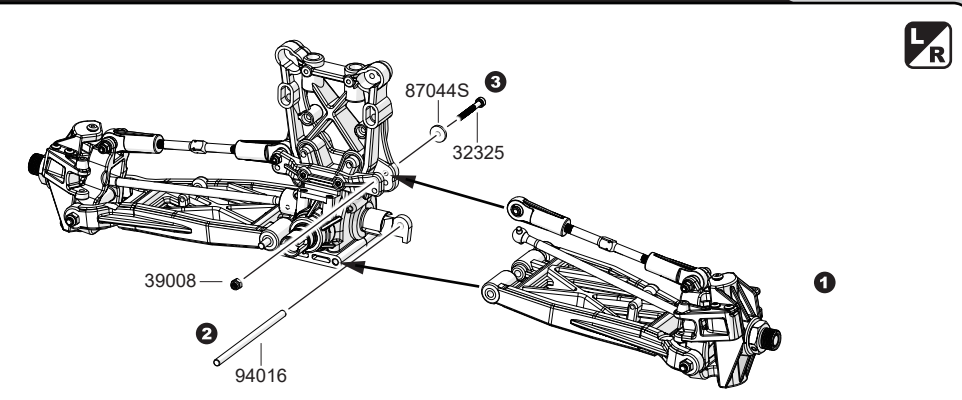


9

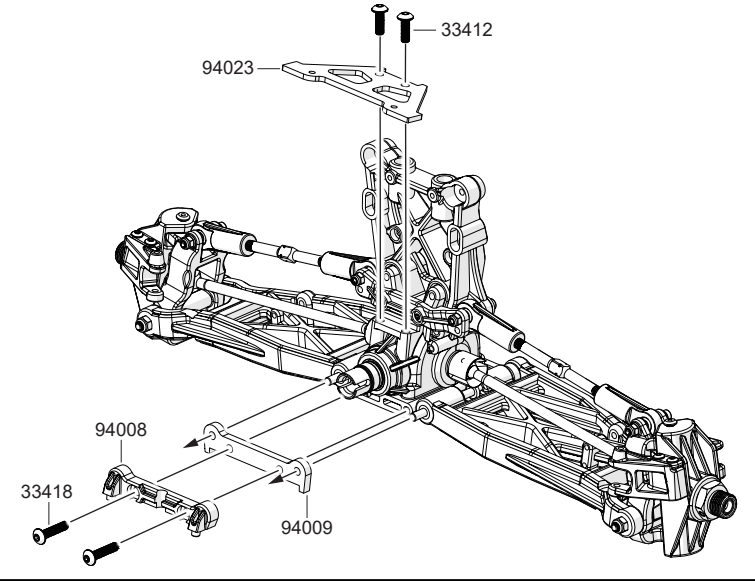


Front Suspension Assembly

STEP 1



STEP 2

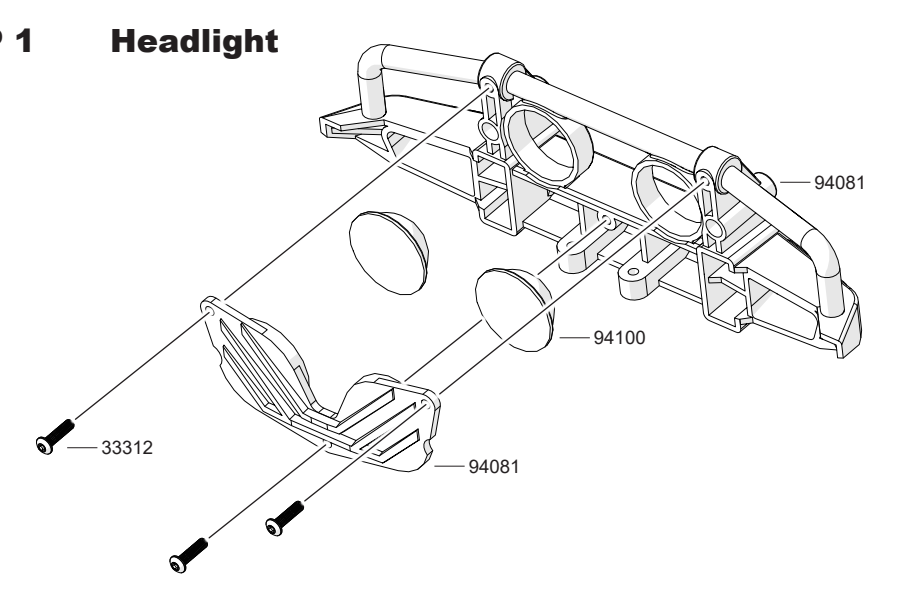


10



Front Bumper Assembly 1

STEP 1 Headlight

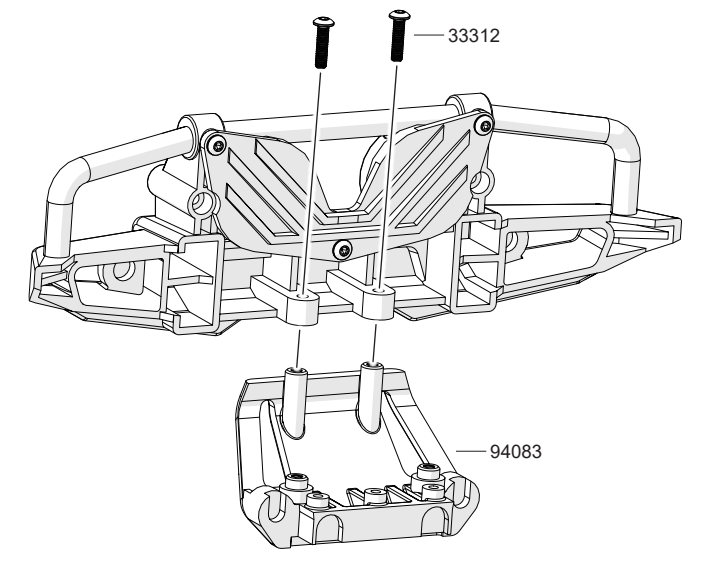


11



Front Bumper Assembly 2

STEP 2 Skid Plate

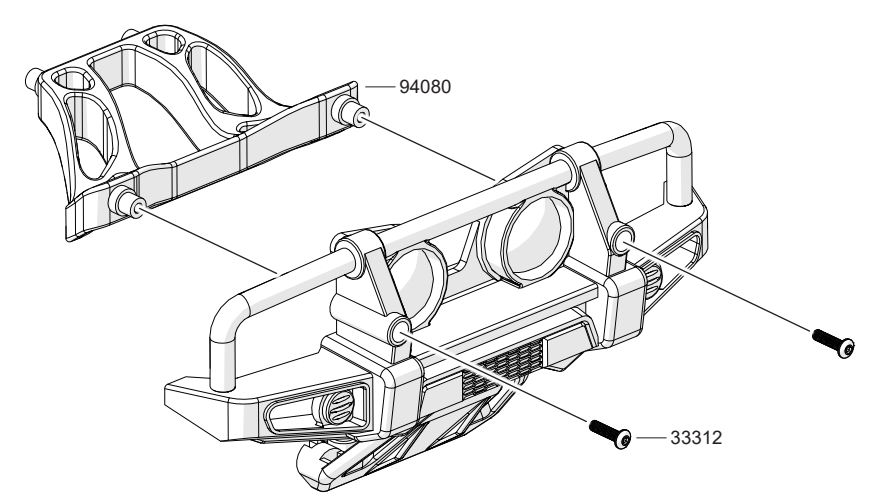


12



FFront Bumper Assembly 3

STEP 3 Bumper Mount

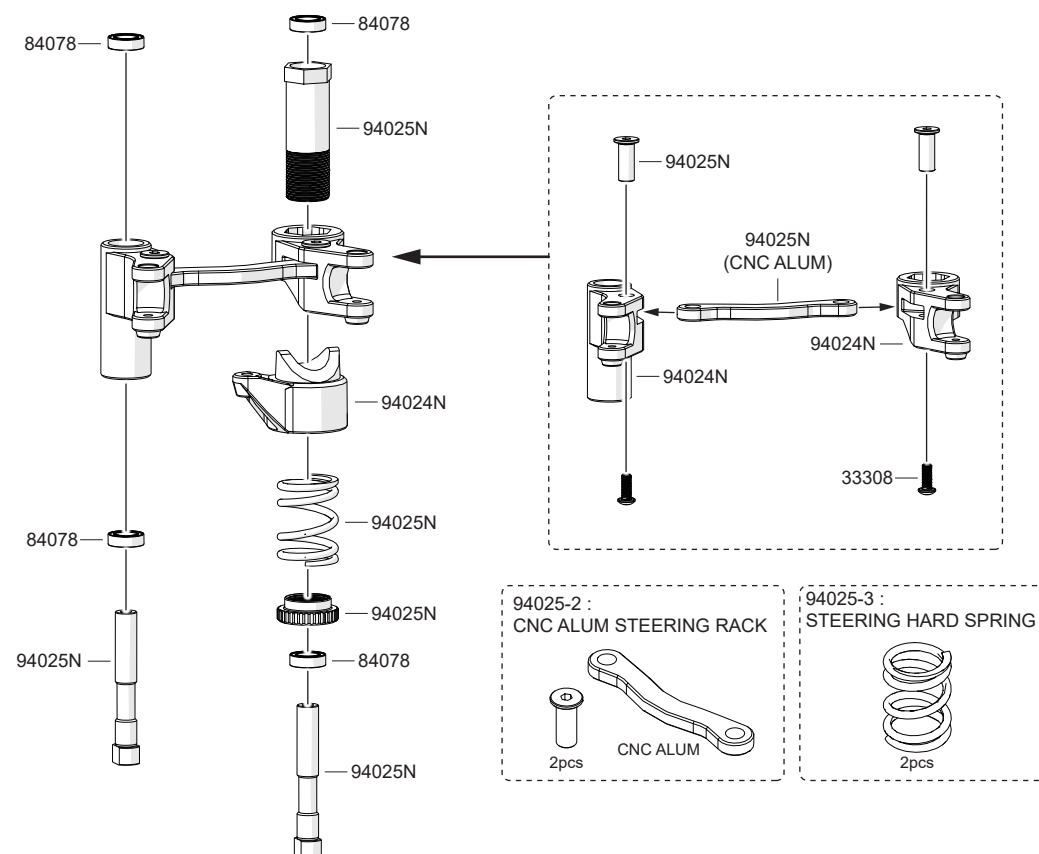


13



33308
M3x8 x1
B/H Screw

Front Servo Saver Assembly 1



14



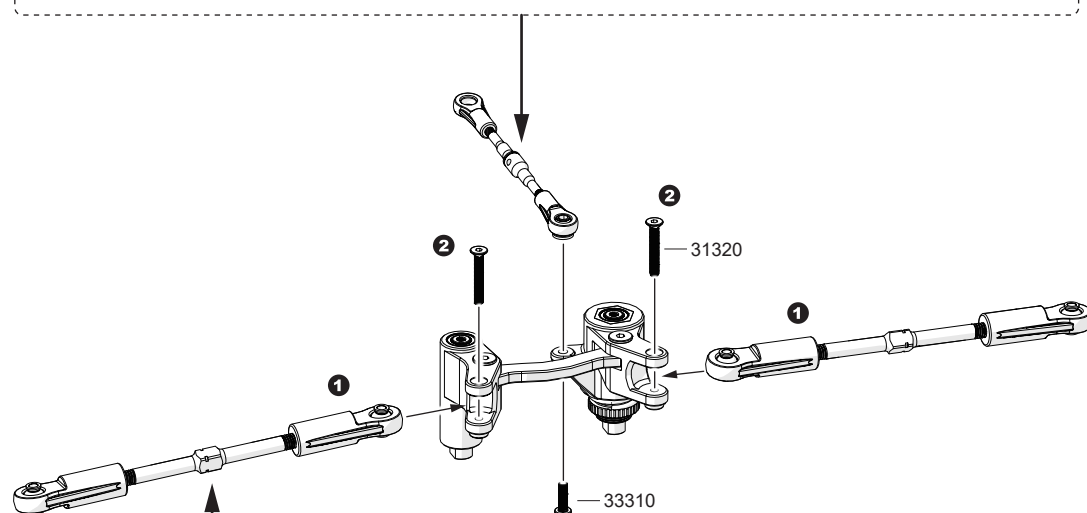
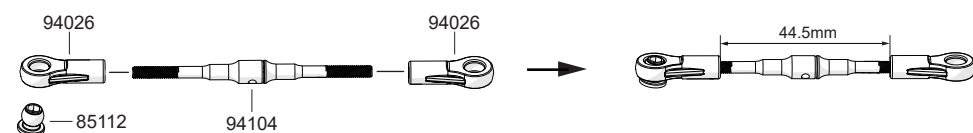
31320
M3x20 x2
F/H Screw



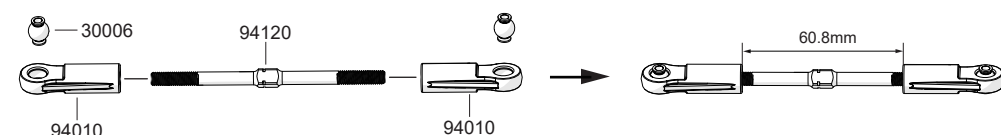
33310
M3x10 x1
B/H Screw

Front Servo Saver Assembly 2

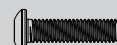
Servo Linkage



Steering Linkage

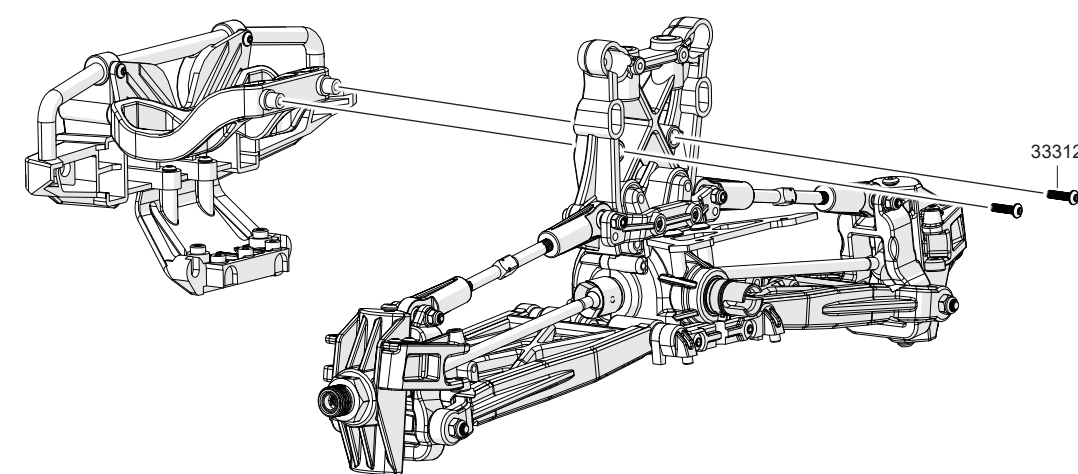


15



33312
M3x12 x2
B/H Screw

Front Sussension & Front Bumper Assembly



16

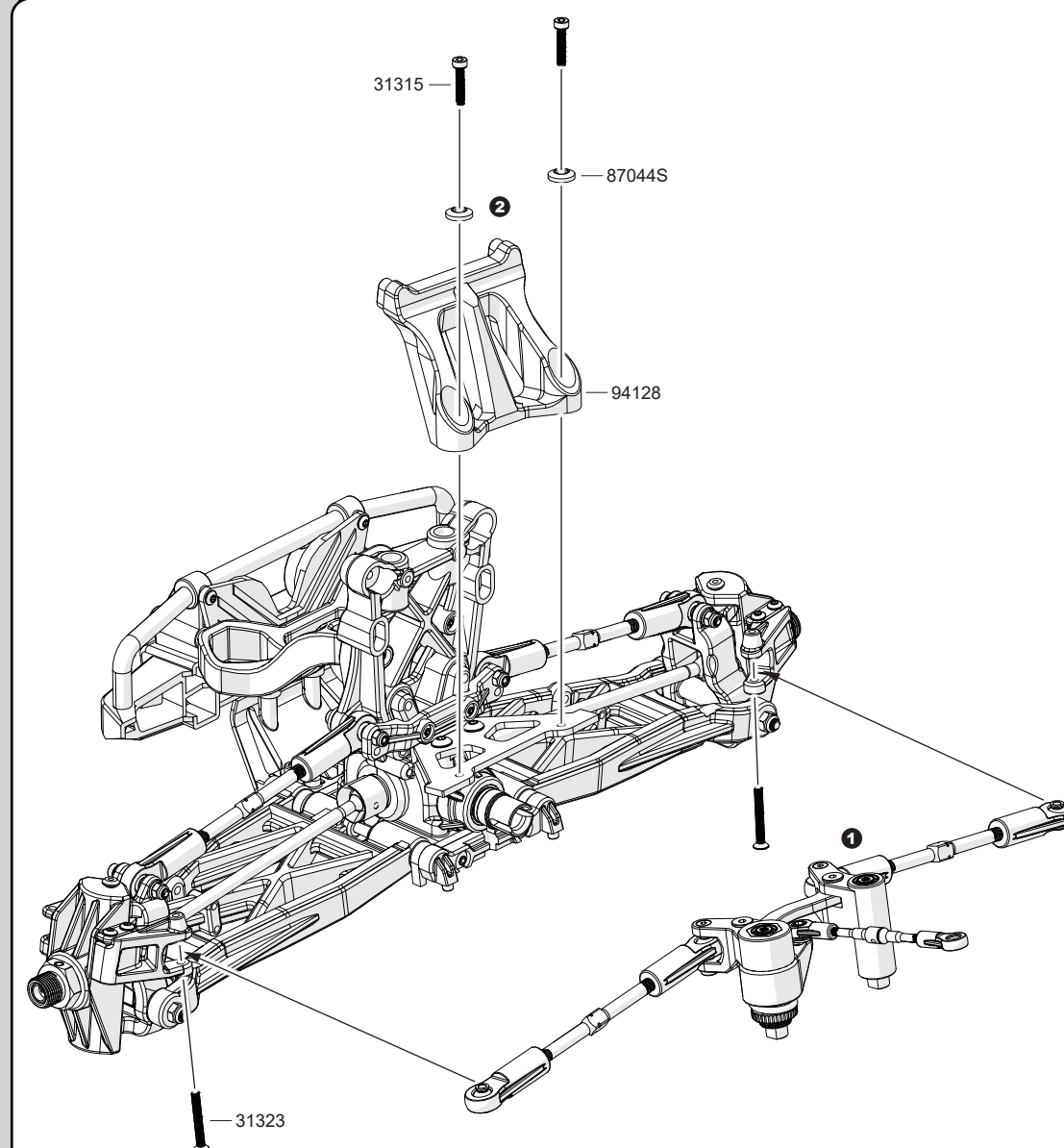


32315
M3x15 x2
Cap Screw



31323
M3x23.8 x2
F/H Screw

Front Servo Saver & Front Shock Tower Brace Assembly



17

Front CNC Alum Shock Stiffener Assembly



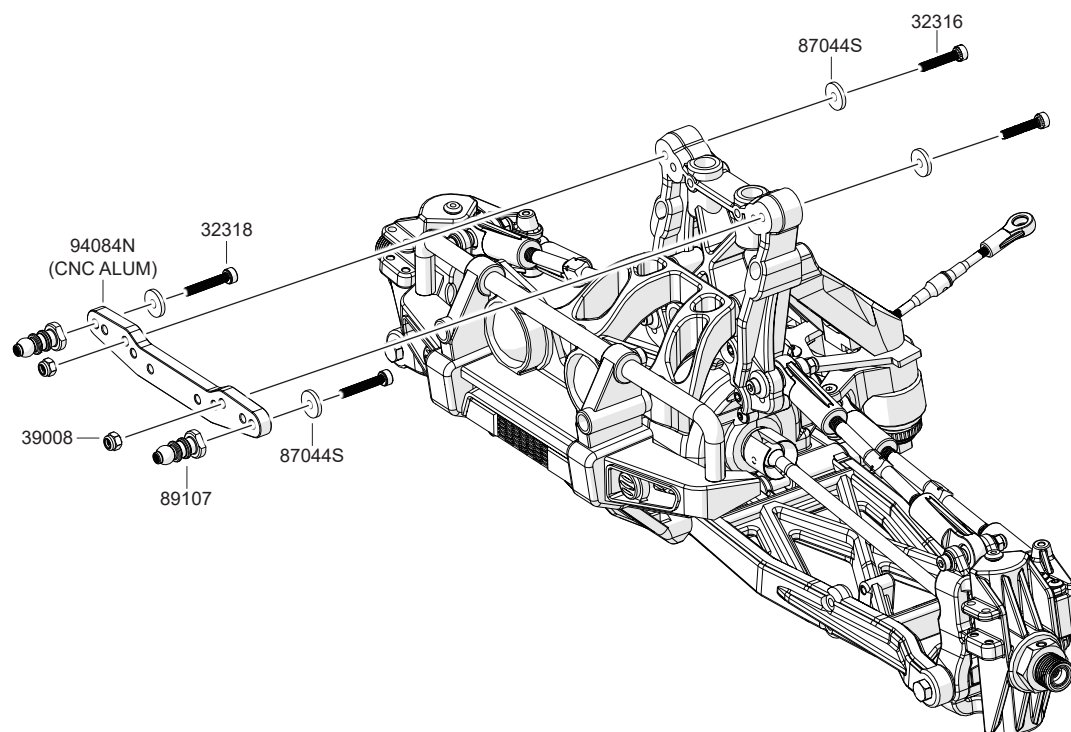
32316
M3x16 x2
Cap Screw



32318
M3x18 x2
Cap Screw

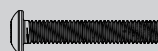


39008
M3 Nut x2

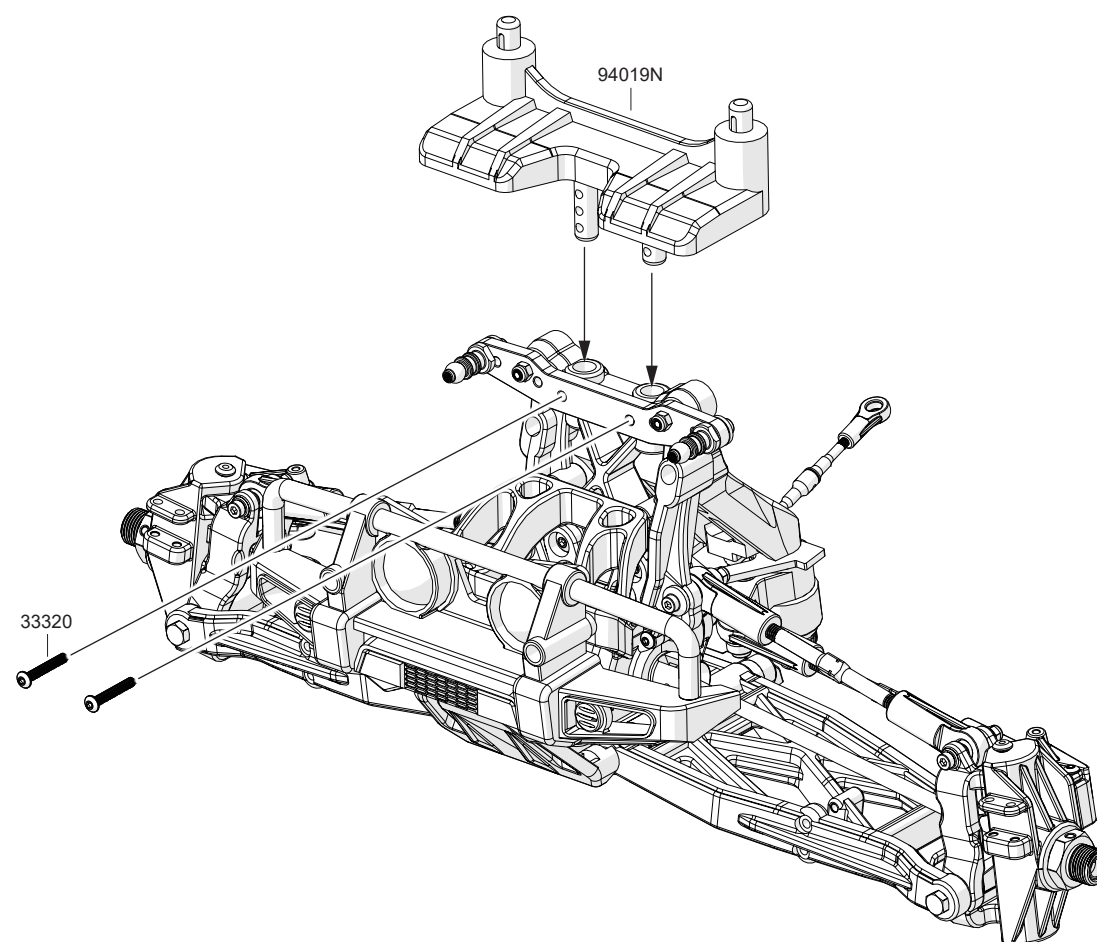


18

Front Shock Top Cap Protector Assembly



33320
M3x20 x2
B/H Screw



07

19



39007
M2.5 Nut x4



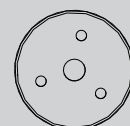
90036
O-ring Shield x8



90036
4x2mm x8
O-ring



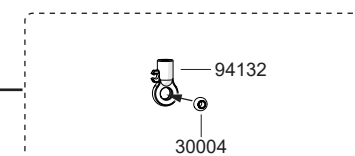
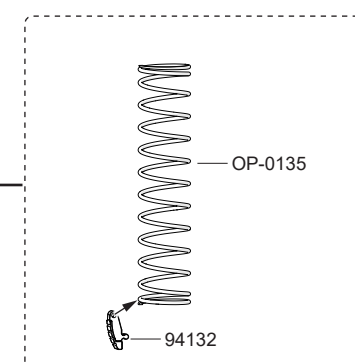
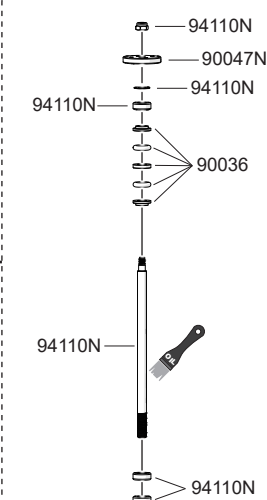
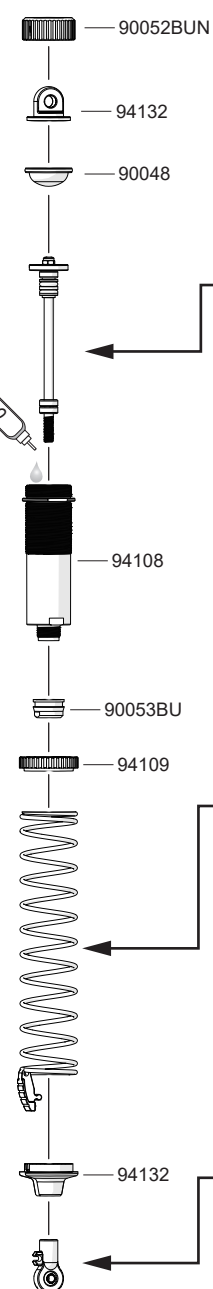
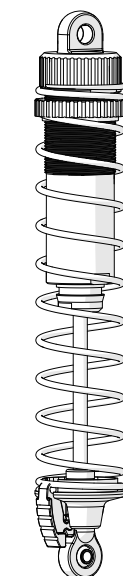
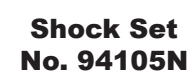
90036
4.05x7.96x1.2mm x4
Washer



90047N
Shock Piston
3 Holes 1.6mm



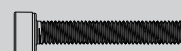
x4



20

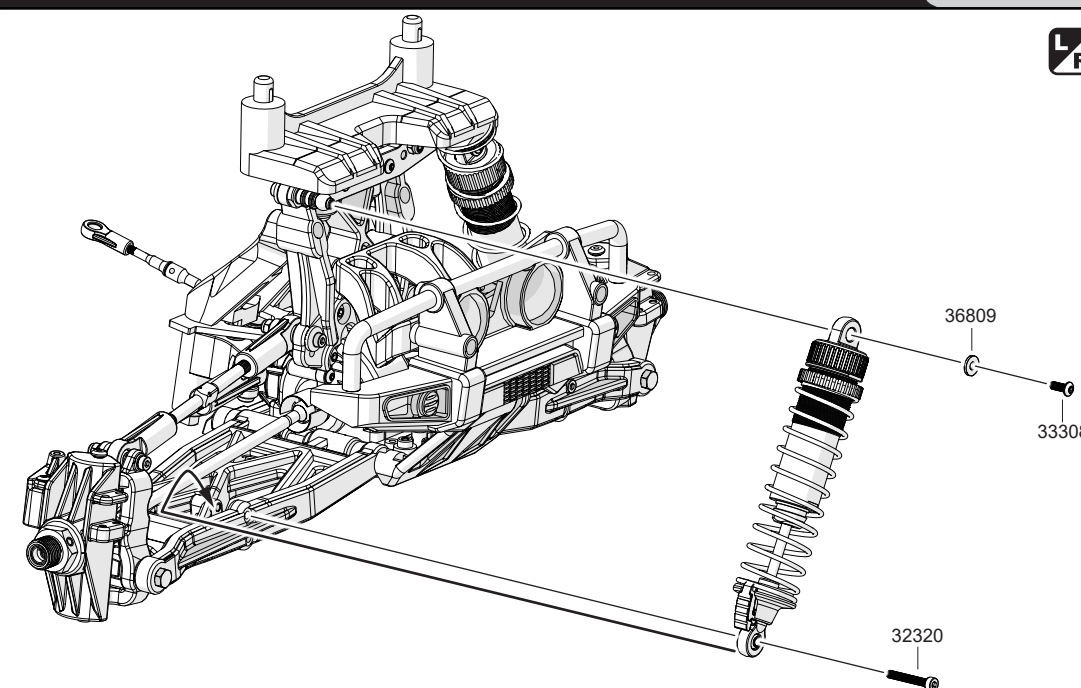


33308
M3x8 x1
B/H Screw



32320
M3x20 x2
Cap Screw

Front Shock Assembly

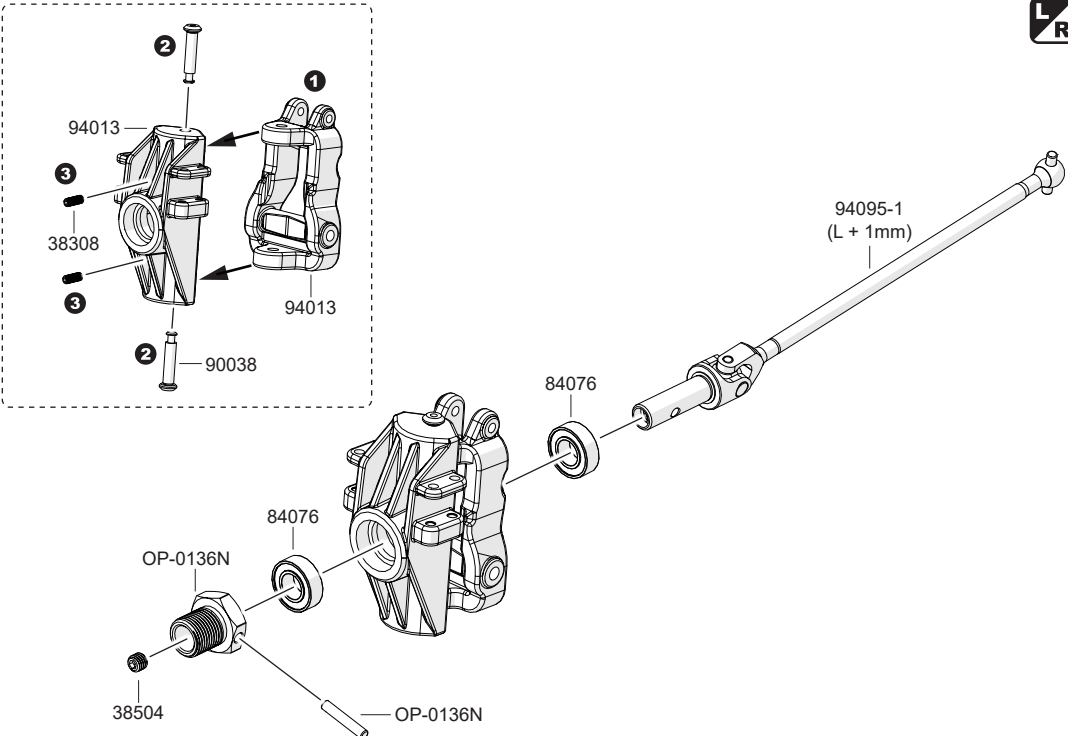


08

21

- 38308
M3x8 x4
Set Screw
- 38504
M5x4 x2
Set Screw
- 84076
8x16x5mm x4
Ball Bearing
- OP-0136N
3x16.8mm x2
Shaft

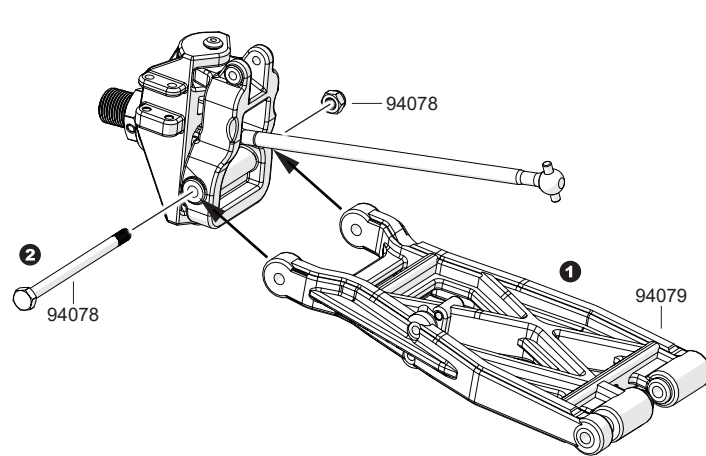
Rear Steering Knuckle & Universal Joint Assembly



22

- 94078
M4 Nut x2
- 94078
M4x62 x2
Cap Screw

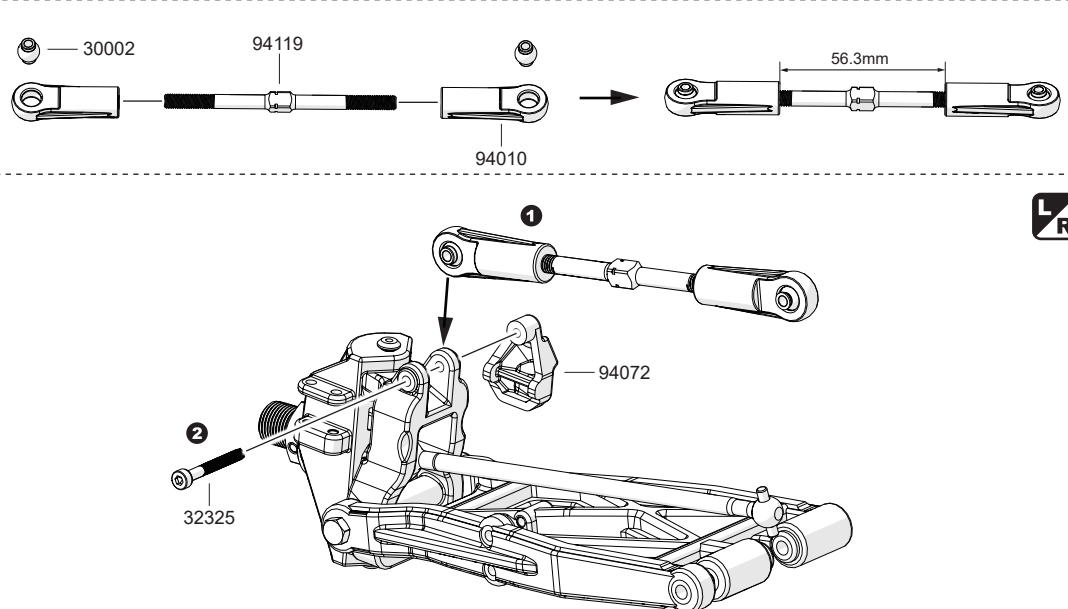
Rear Steering Knuckle Hinge Pin Assembly



23

- 39008
M3 Nut x2
- 32325
M3x25 x2
Cap Screw

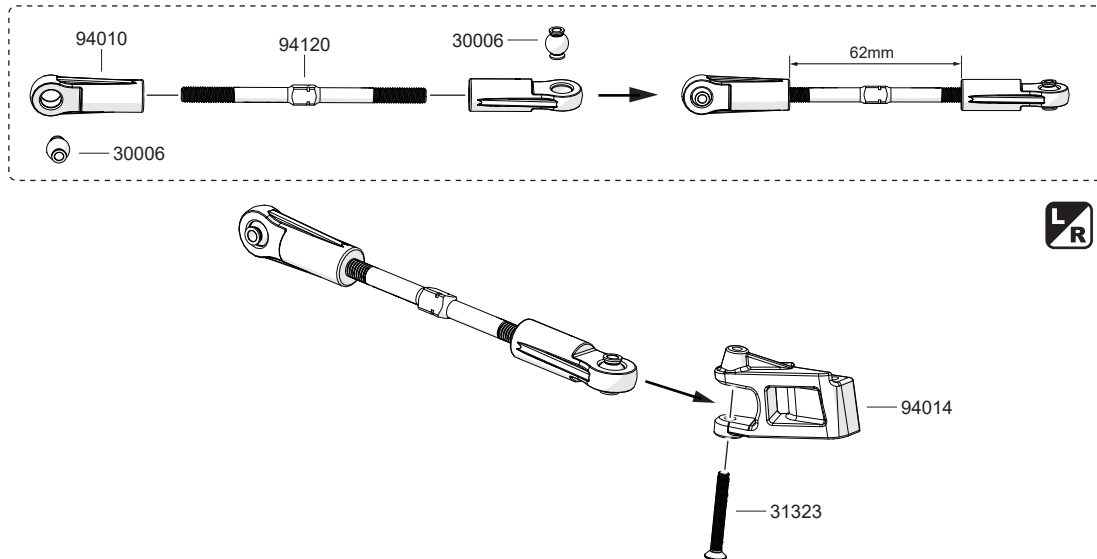
Rear Camber Linkage & Angle Limit Block Assembly



24

- 31323
M3x23.8 x2
F/H Screw

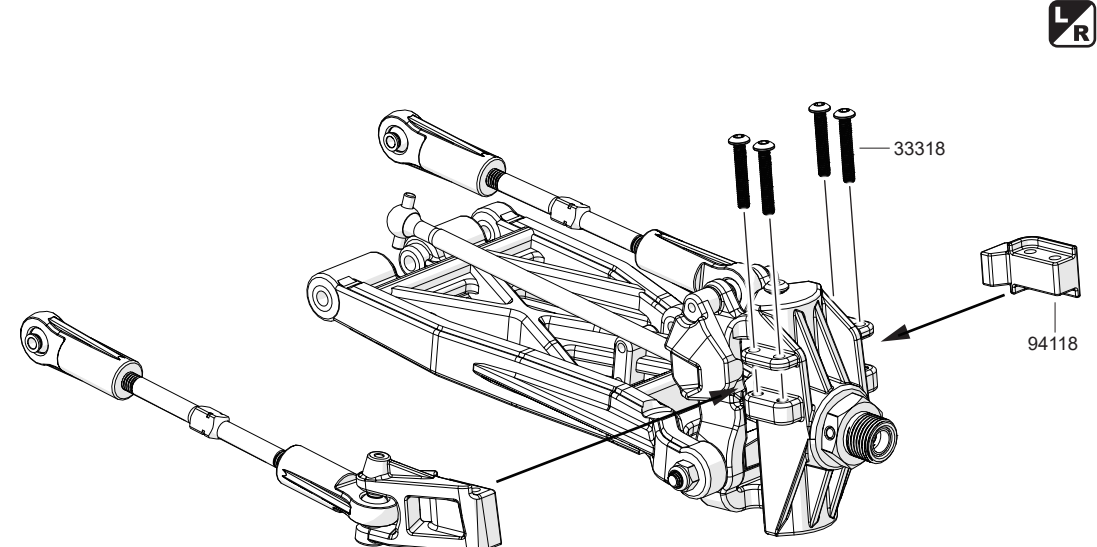
Rear Steering Knuckle Arm Link Assembly 1



25

- 33318
M3x18 x4
B/H Screw

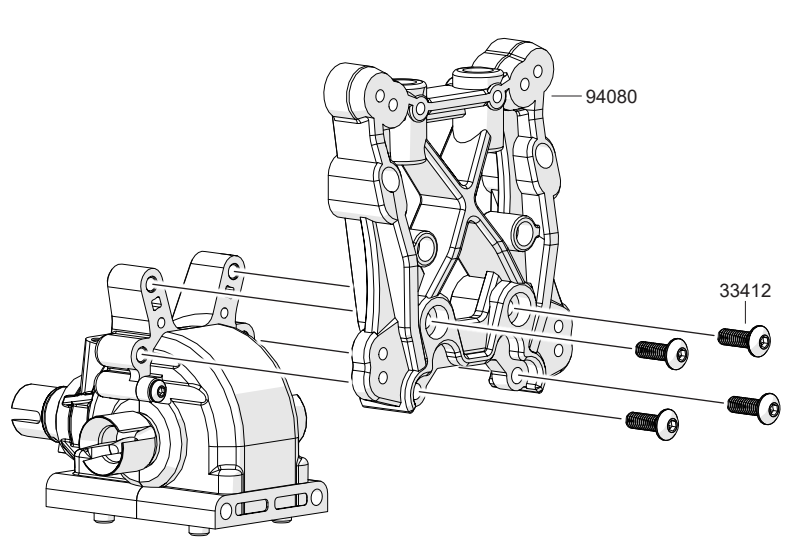
Rear Steering Knuckle Arm Link Assembly 2



26

- 33412
M4x12 x4
B/H Screw

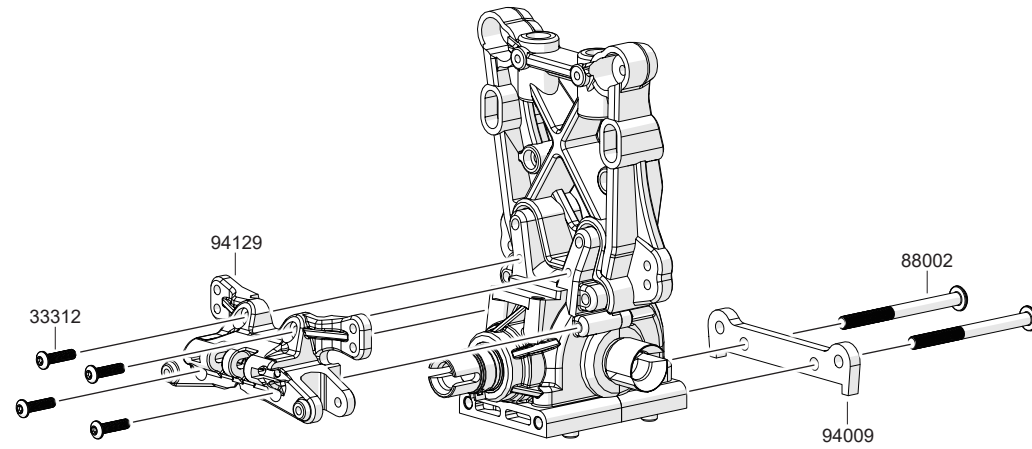
Rear Shock Tower & Gear Box Assembly



27

- 33312
M3x12 x4
B/H Screw
- 88002
M4x47 x2
B/H Screw

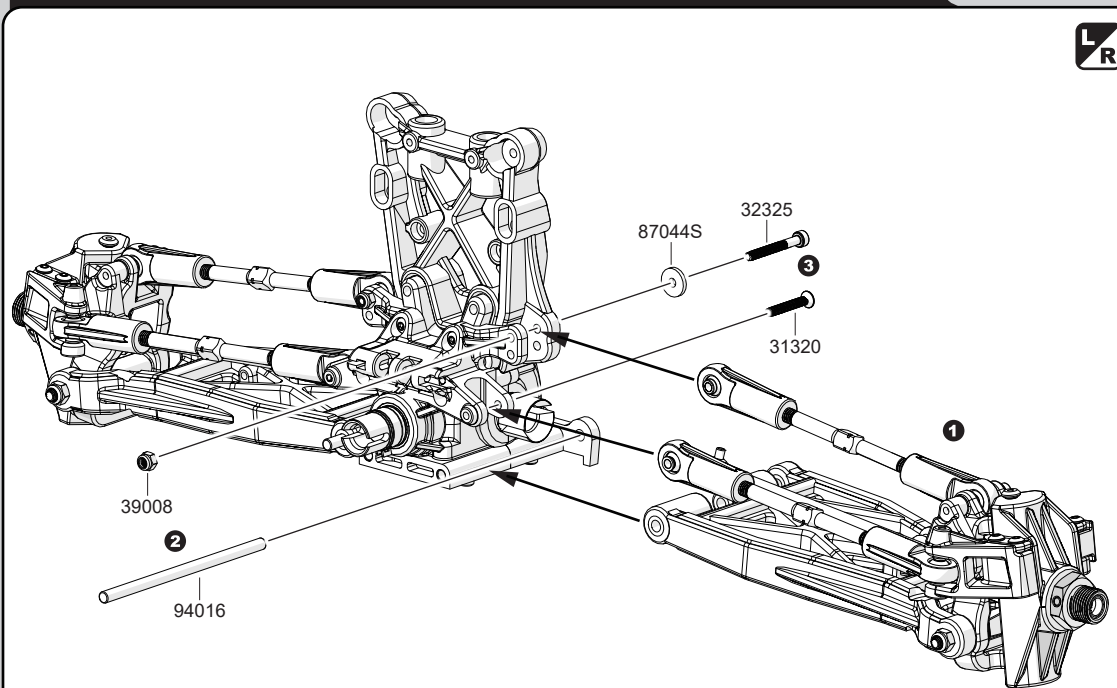
Rear Lower Arm Holder Assembly



28

- 39008
M3 Nut x2
- 32325
M3x25 x2
Cap Screw
- 31320
M3x20 x2
F/H Screw

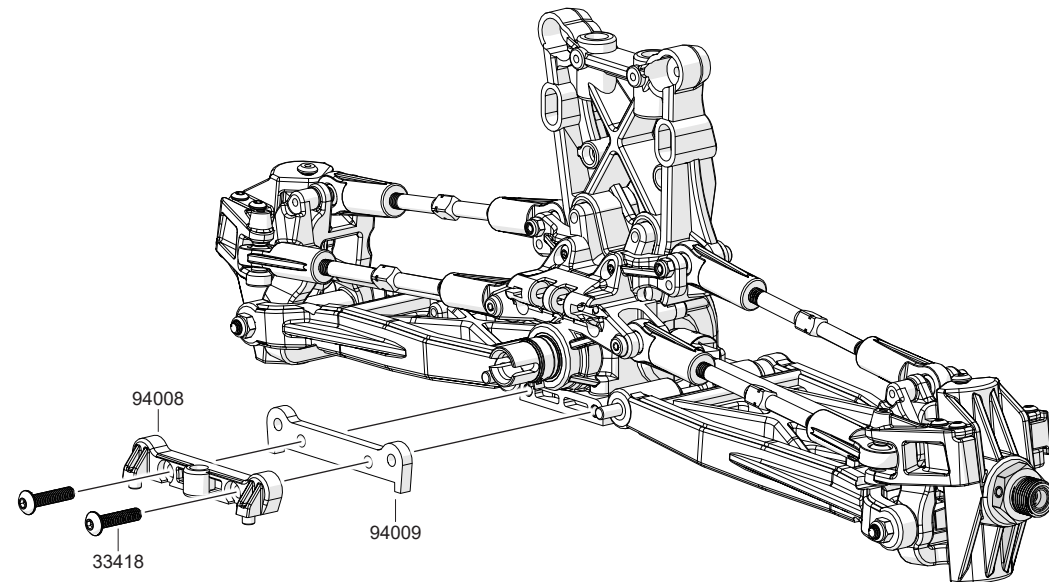
Rear Suspension Assembly 1



29

- 33418
M4x18 x2
B/H Screw

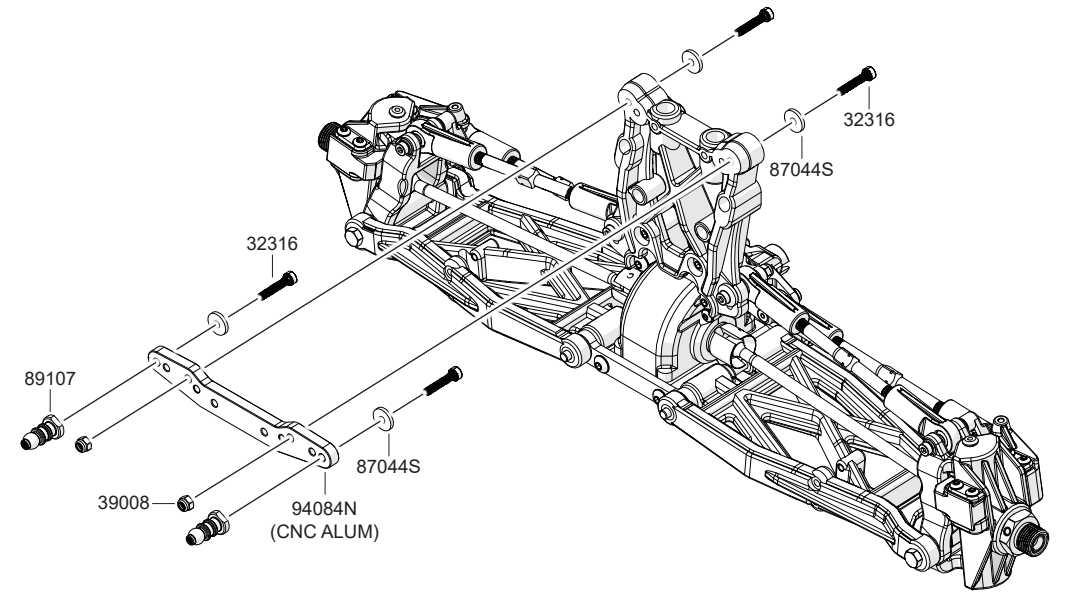
Rear Suspension Assembly 2



30

- 39008
M3 Nut x2
- 32316
M3x16 x4
Cap Screw

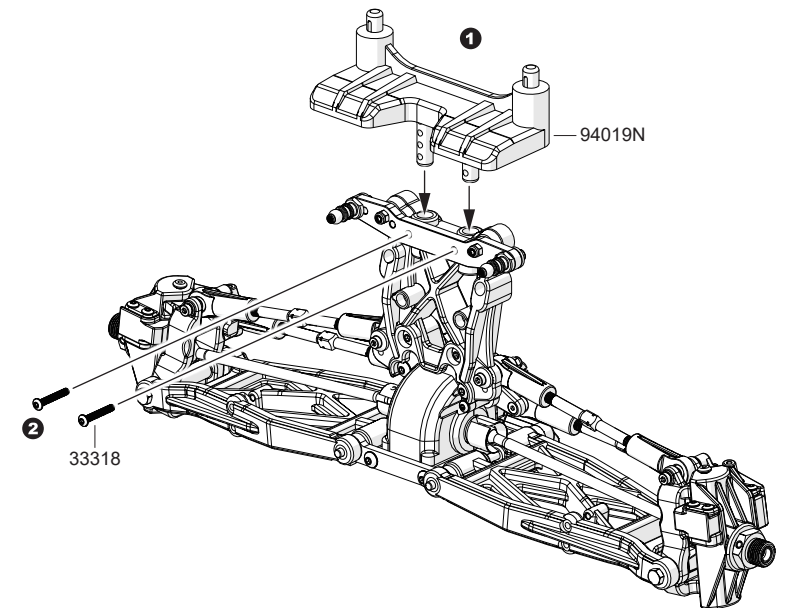
Rear CNC Alum Shock Stiffener Assembly



31

- 33318
M3x18 x2
B/H Screw

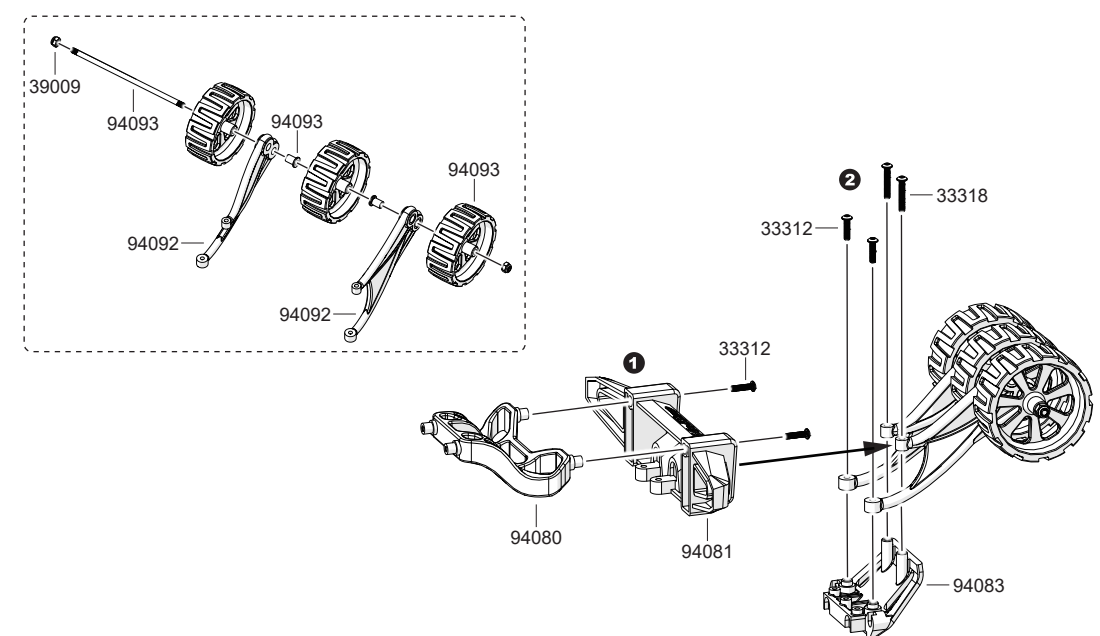
Rear Shock Top Cap Protector Assembly



32

- 39009
M4 Nut x2
- 33312
M3x12 x4
B/H Screw
- 33318
M3x18 x2
B/H Screw

Rear Bumper & Wheelie Bar Assembly 1

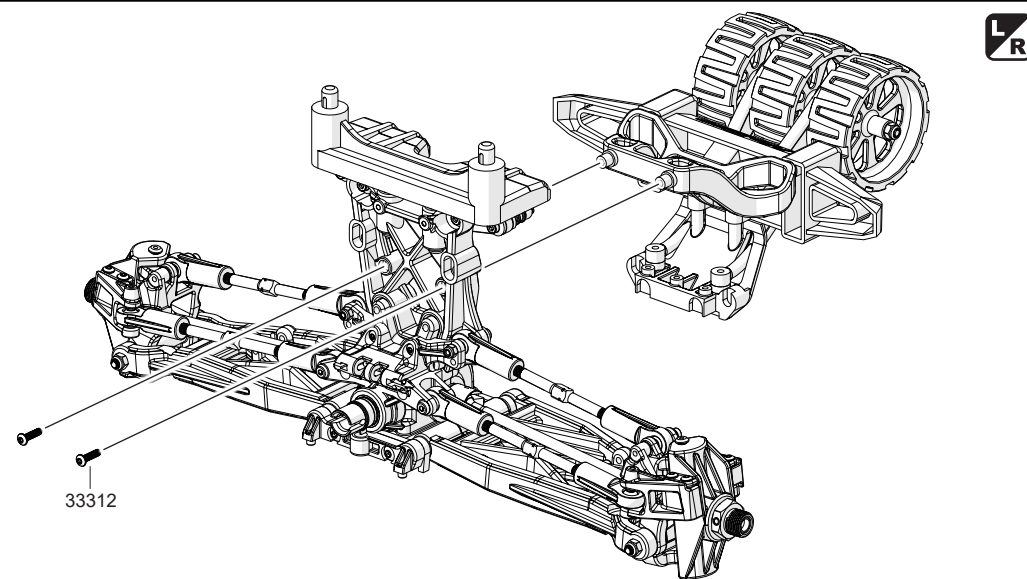


33



33312
M3x12 x4
B/H Screw

Rear Bumper & Wheelie Bar Assembly 2



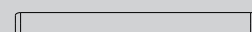
34



33312
M3x12 x4
B/H Screw

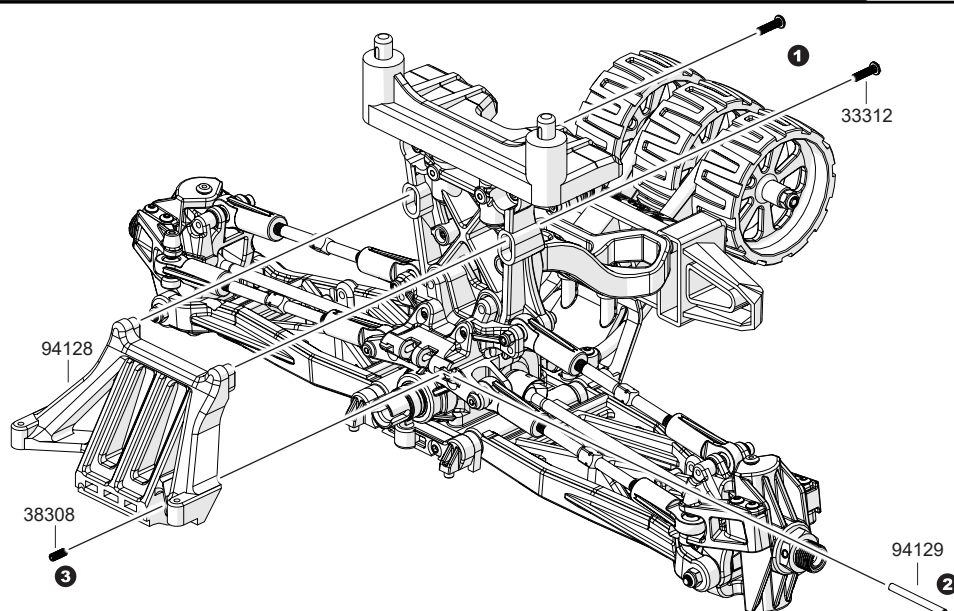


38308
M3x8 x1
Set Screw



94129
3x31.8mm x1
Shaft

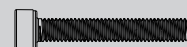
Rear Shock Tower Brace Assembly



35



33308
M3x8 x2
B/H Screw

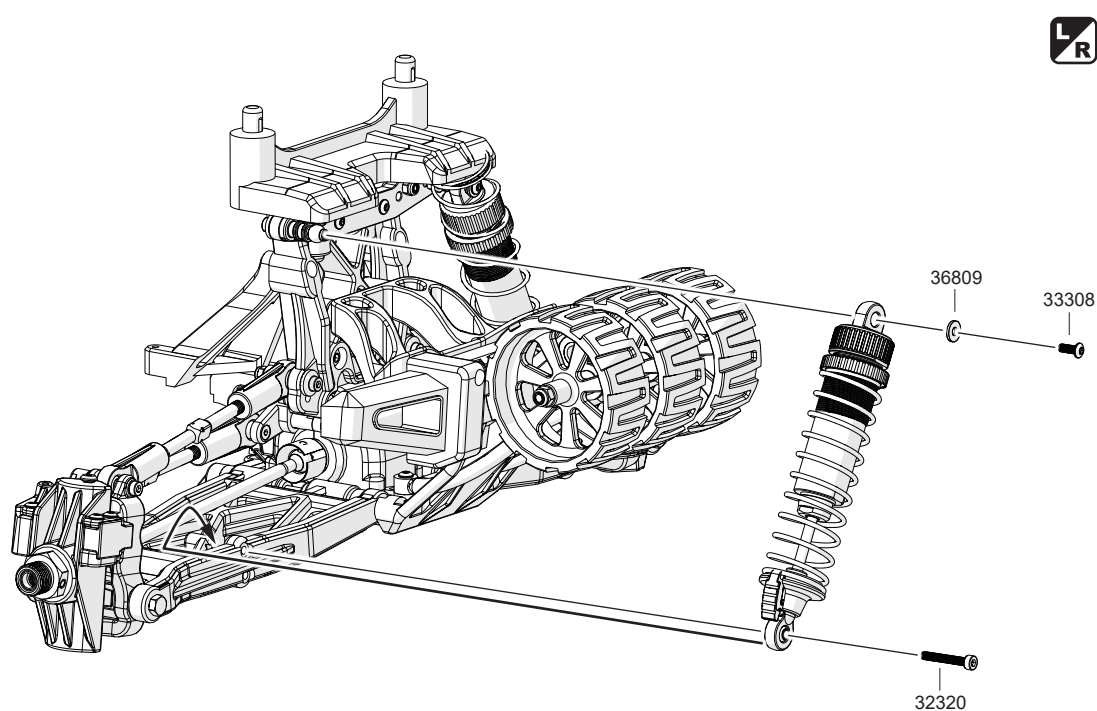


32320
M3x20 x2
Cap Screw



36809
3.1x8x1mm x2
Washer

Rear Shock Assembly



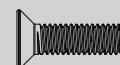
36



31316
M3x16 x4
F/H Screw

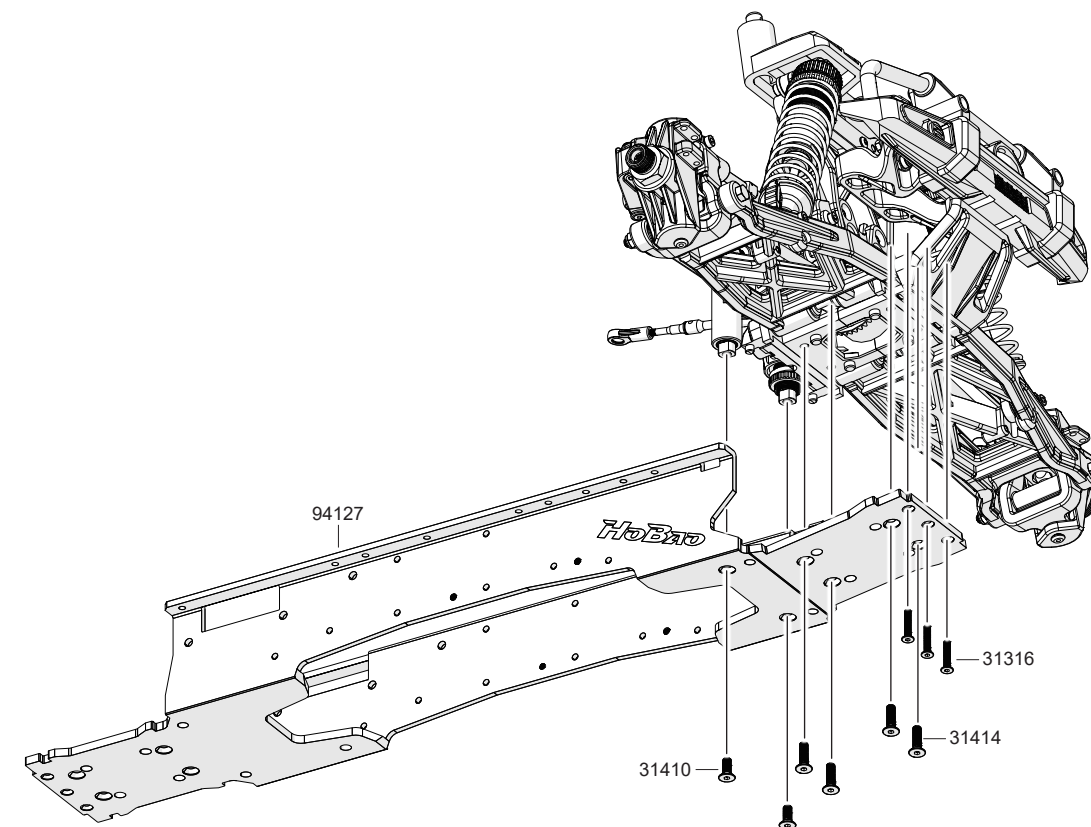


31410
M4x10 x4
F/H Screw



31414
M4x14 x2
F/H Screw

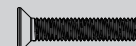
Whole Front Assembly



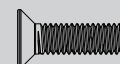
37



33312
M3x12 x8
B/H Screw

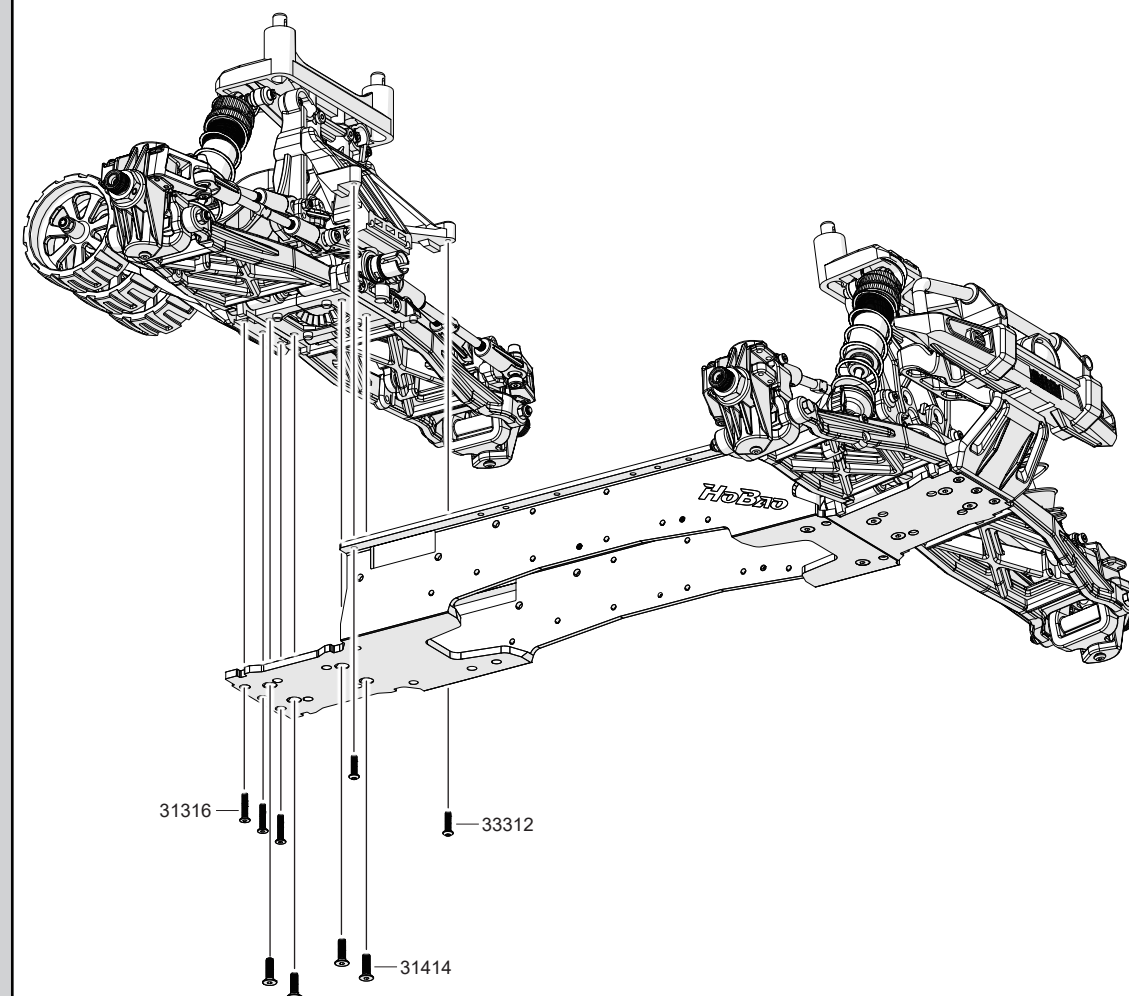


31316
M3x16 x4
F/H Screw



31414
M4x14 x2
F/H Screw

Whole Rear Assembly



38



94117
4x8x0.1mm x8
Washer



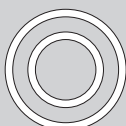
94117
6.2x13.9x0.15mm x4
Washer



36101
5.8x1.9mm x4
O-ring



94117
2.5x10.8mm x4
Shaft



84076
8x16x5mm x4
Ball Bearing



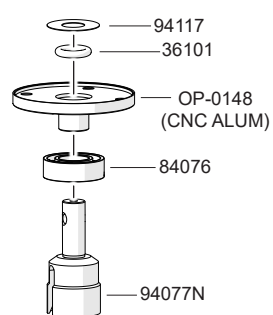
31308
M3x8 x2
F/H Screw



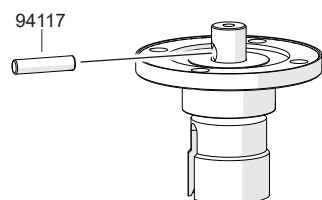
31310
M3x10 x2
F/H Screw

Center Differential Assembly

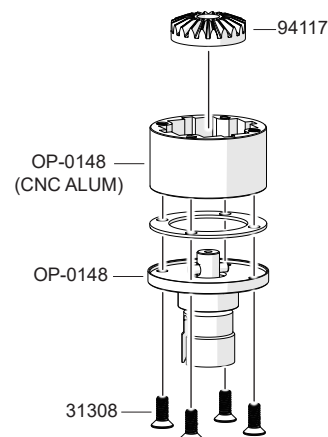
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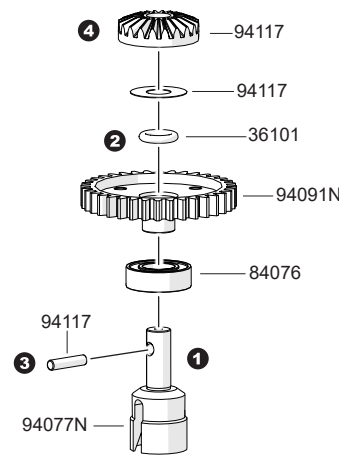
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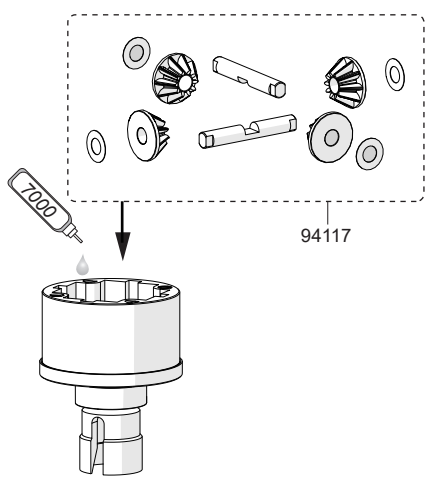
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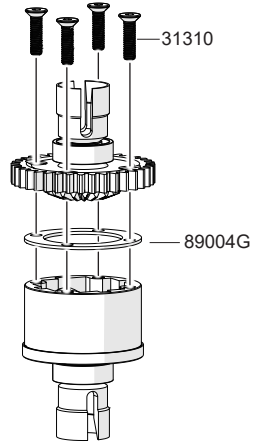
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5



6



39

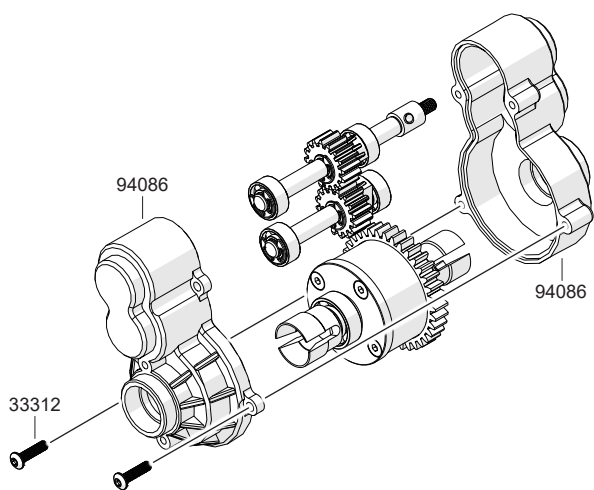
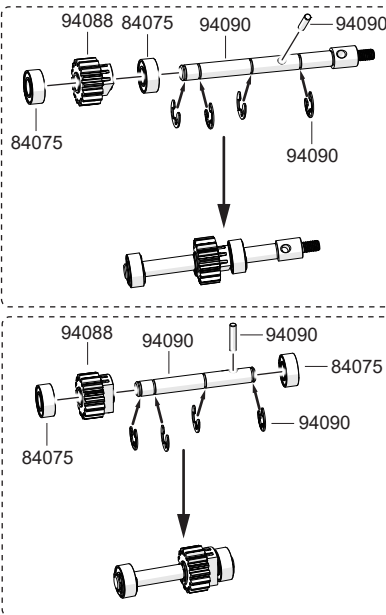


33312
M3x12 x2
B/H Screw



94090
3x13.8mm x1
Shaft

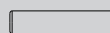
Center Gear Box Assembly



40



33315
M3x15 x2
B/H Screw



94090
3x13.8mm x1
Shaft

41



33312
M3x12 x4
B/H Screw

42

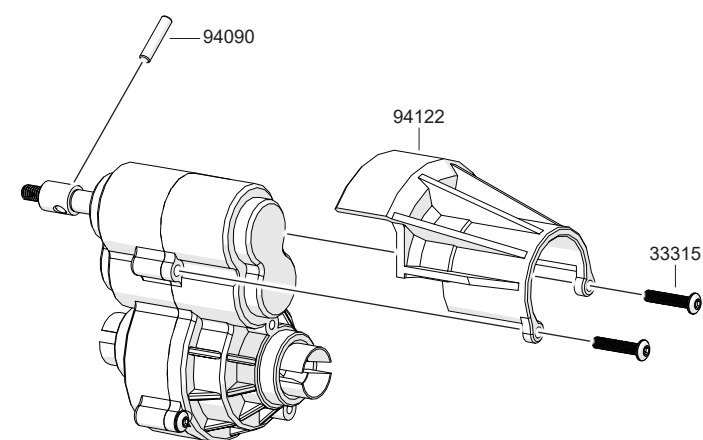


32312
M3x12 x8
Cap Screw

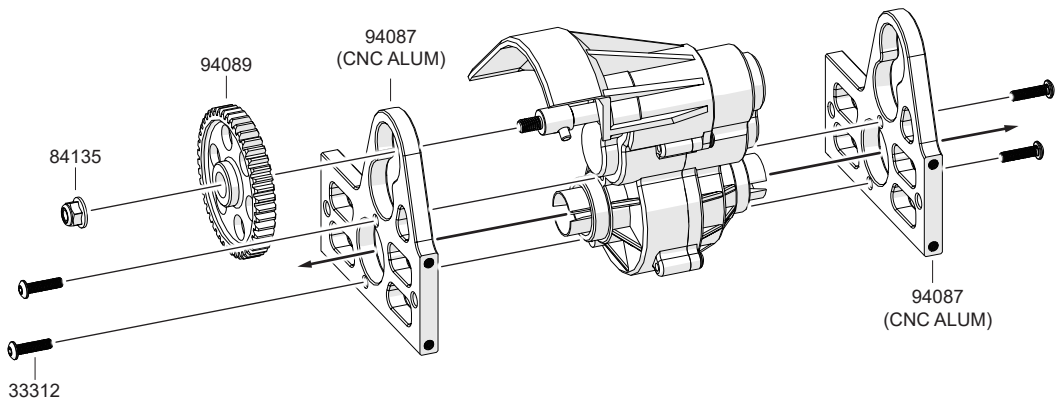


3SW3NI
3x5x1.5mm x8
Spring Washer

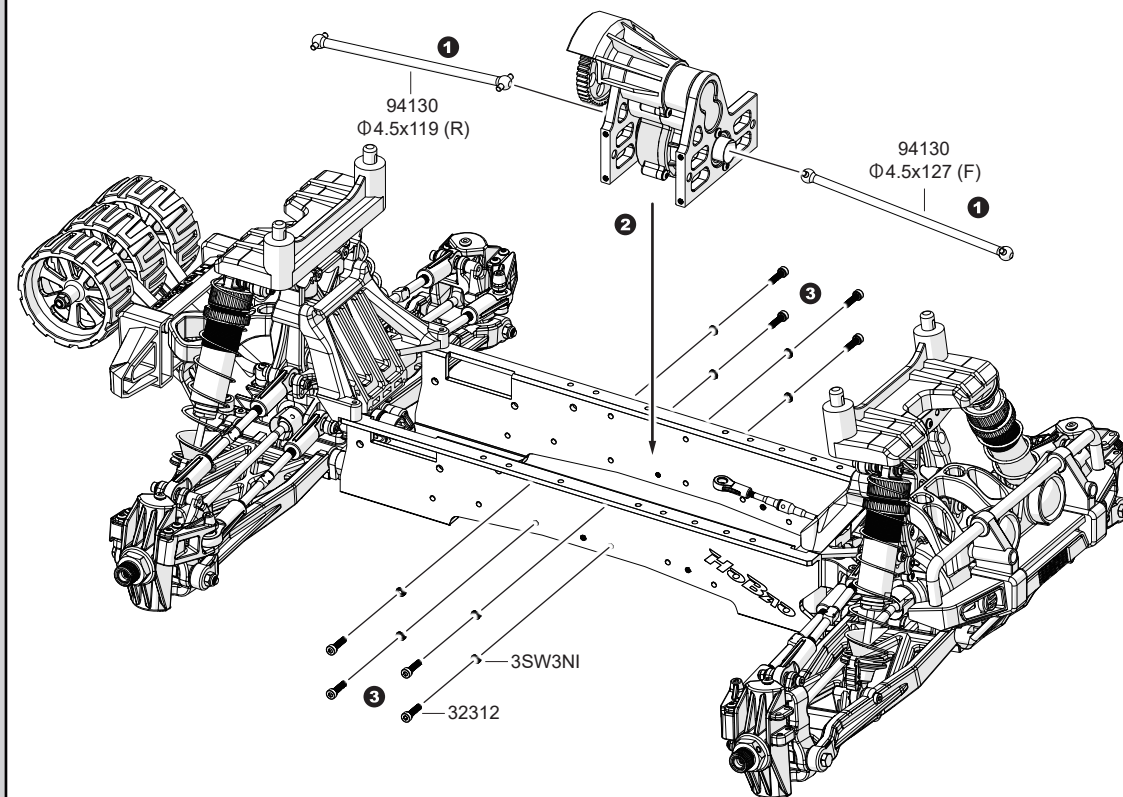
Motor Gear Cover Assembly



CNC Alum Center Differential Mount & Spur Gear Assembly



Center Differential Set with Drive Shaft on Chassis Frame Assembly

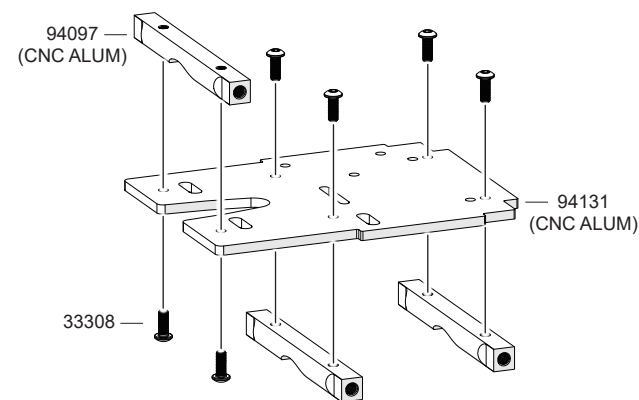


43

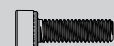


33308
M3x8 x6
B/H Screw

CNC Alum Motor Mounting Plate Assembly



44



32310
M3x10 x4
Cap Screw

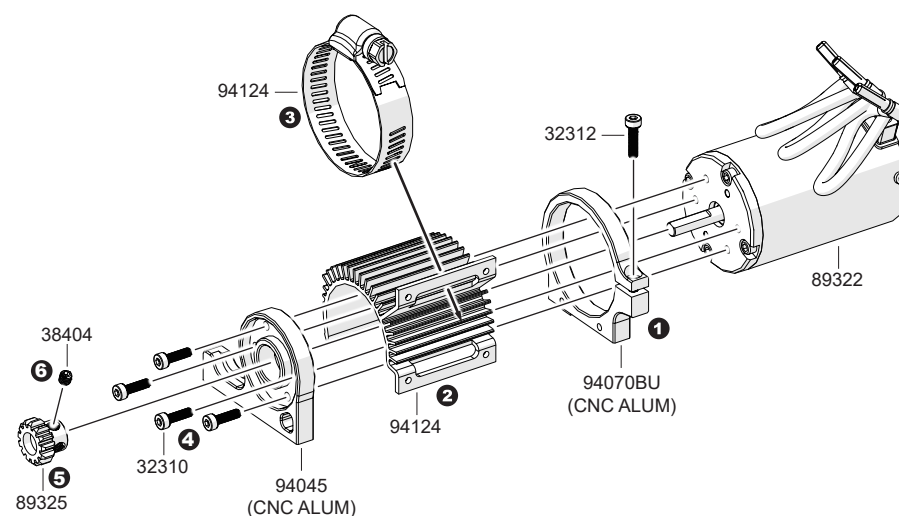


32312
M3x12 x1
Cap Screw



38404
M4x4 x1
Set Screw

CNC Alum Motor Mount & Heatsink W/Hose Clamp Assembly



45

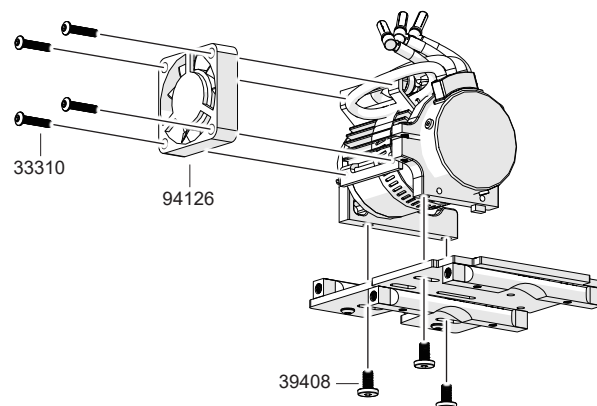


33310
M3x10 x4
B/H Screw



39408
M4x8 x3
Engine Screw

ESC. With Motor Set & Cooling Fan Assembly

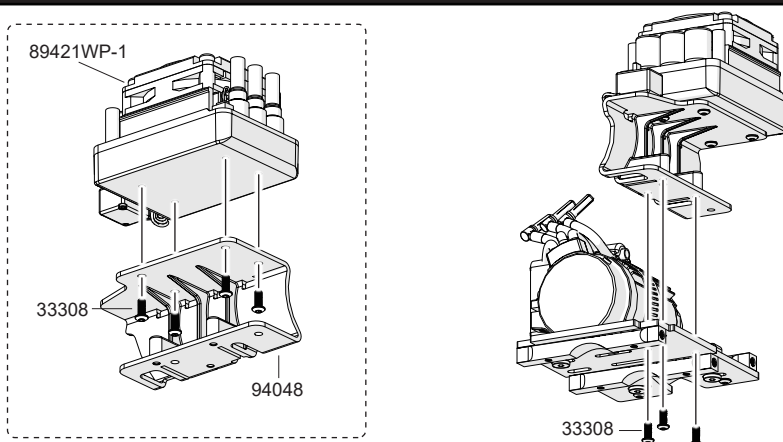


46

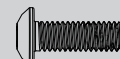


33308
M3x8 x7
B/H Screw

ESC./Motor With Mounting Plate Assembly

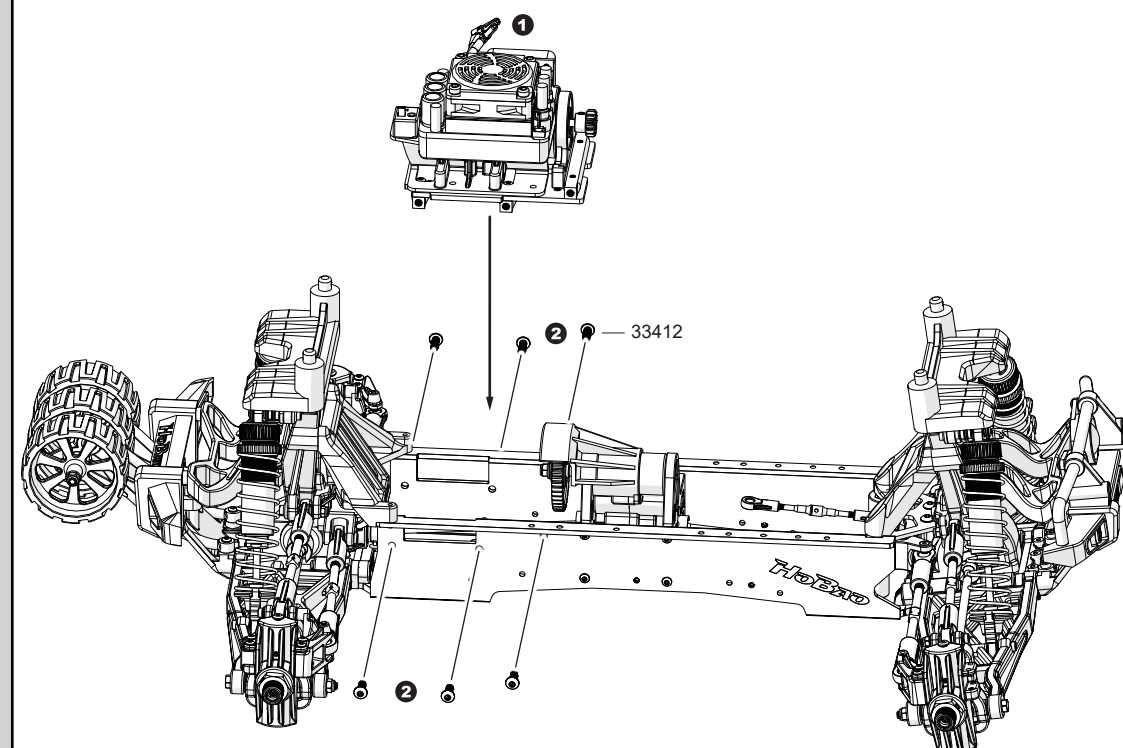


47



33412
M4x12 x6
B/H Screw

ESC./Motor Set on Chassis Frame Assembly



48



33210
M2x10 x2
B/H Screw



32308
M3x8 x1
Cap Screw



33308
M3x8 x5
B/H Screw



33312
M3x12 x2
B/H Screw

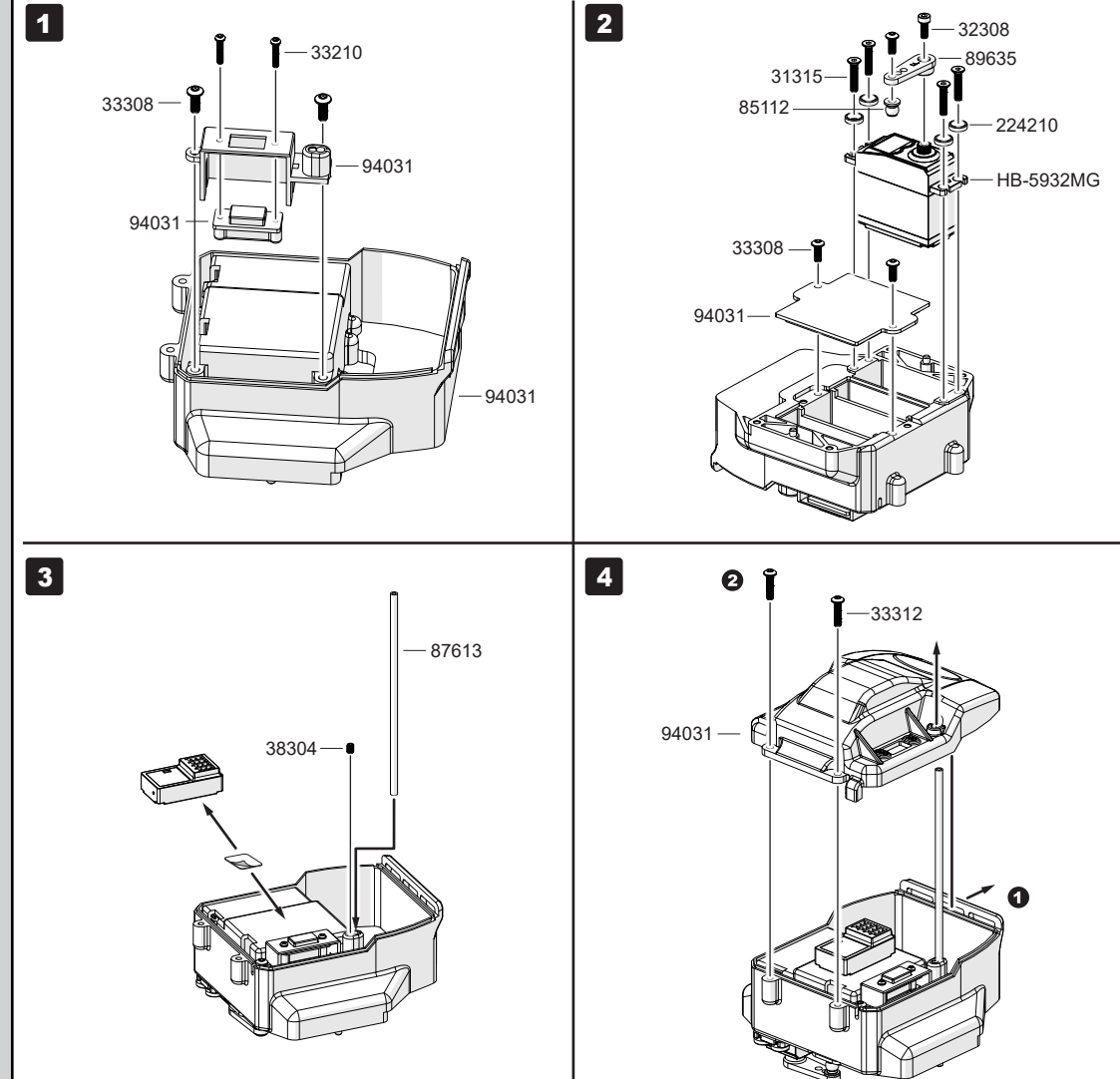


31315
M3x15 x4
F/H Screw

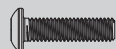


38304
M3x4 x1
Set Screw

Steering Servo And Radio Box Assembly

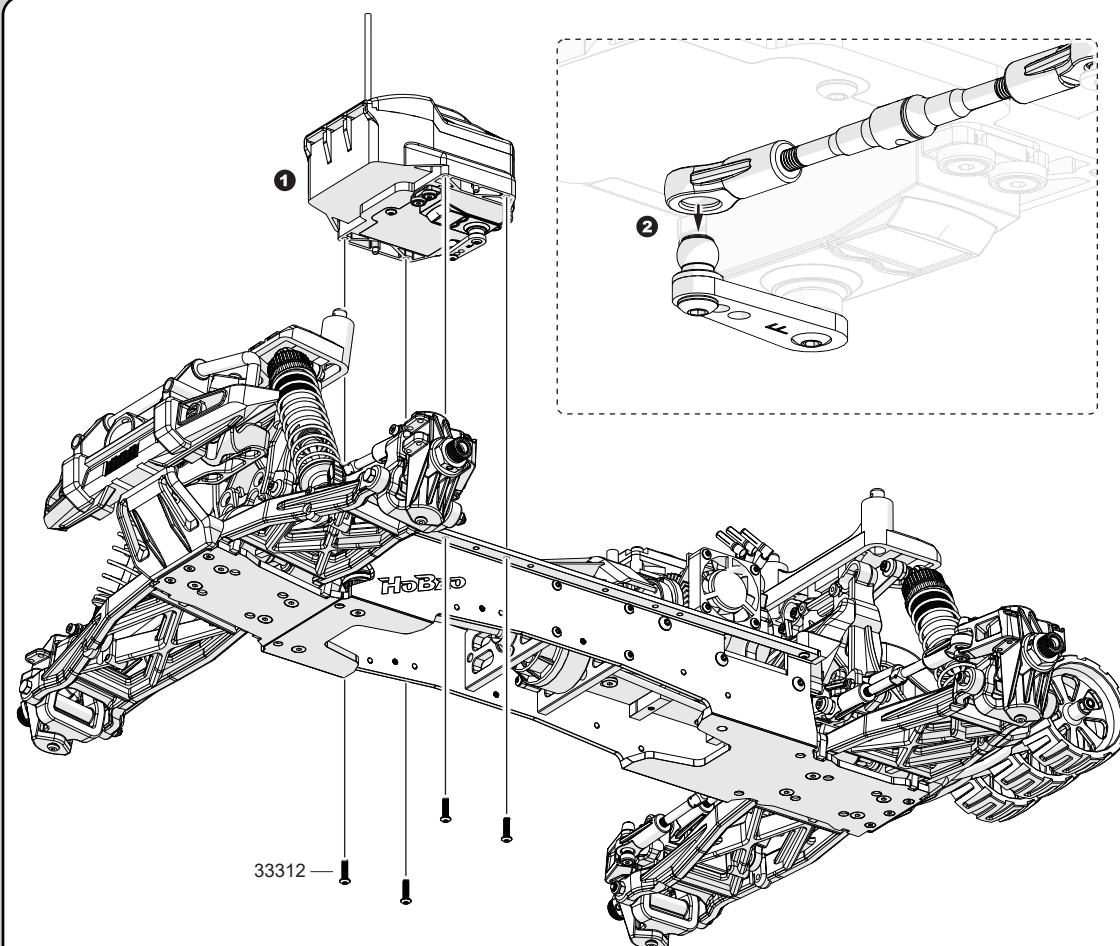


49

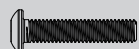


33312
M3x12 x4
B/H Screw

Radio Box with Servo Arm on Chassis Frame



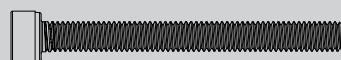
50



33315
M3x15 x6
B/H Screw

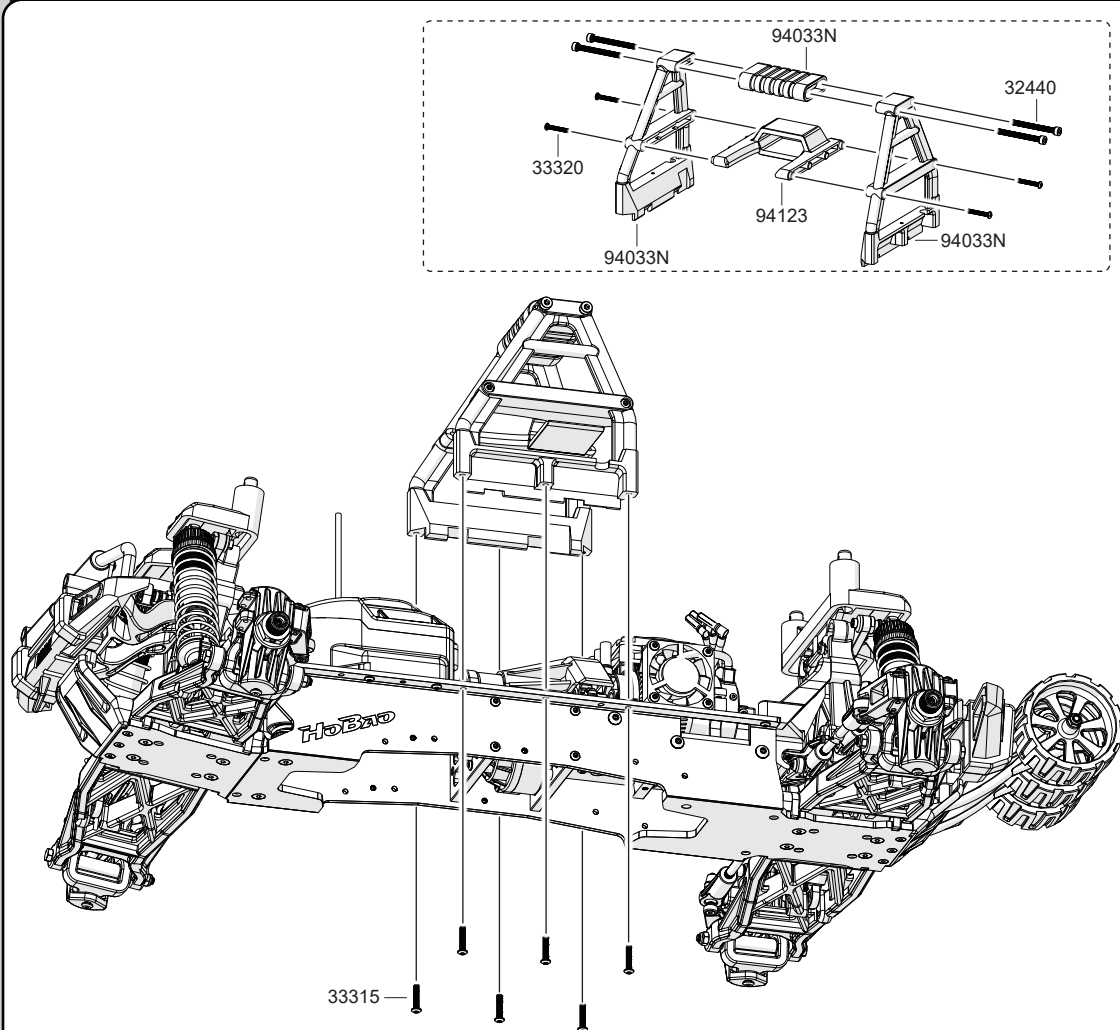


33320
M3x20 x4
B/H Screw

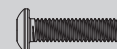


32440
M4x40 x4
Cap Screw

New Upper Roll Brace & Wire Pass Through Assembly

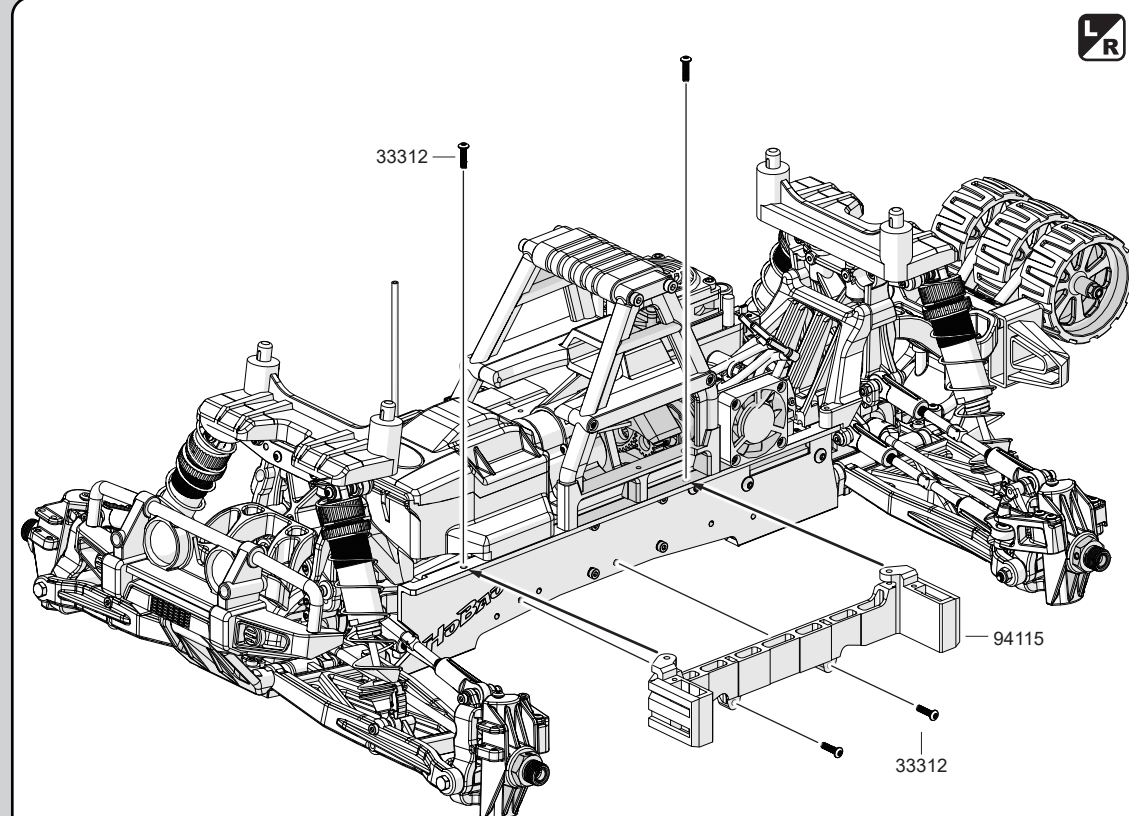


51



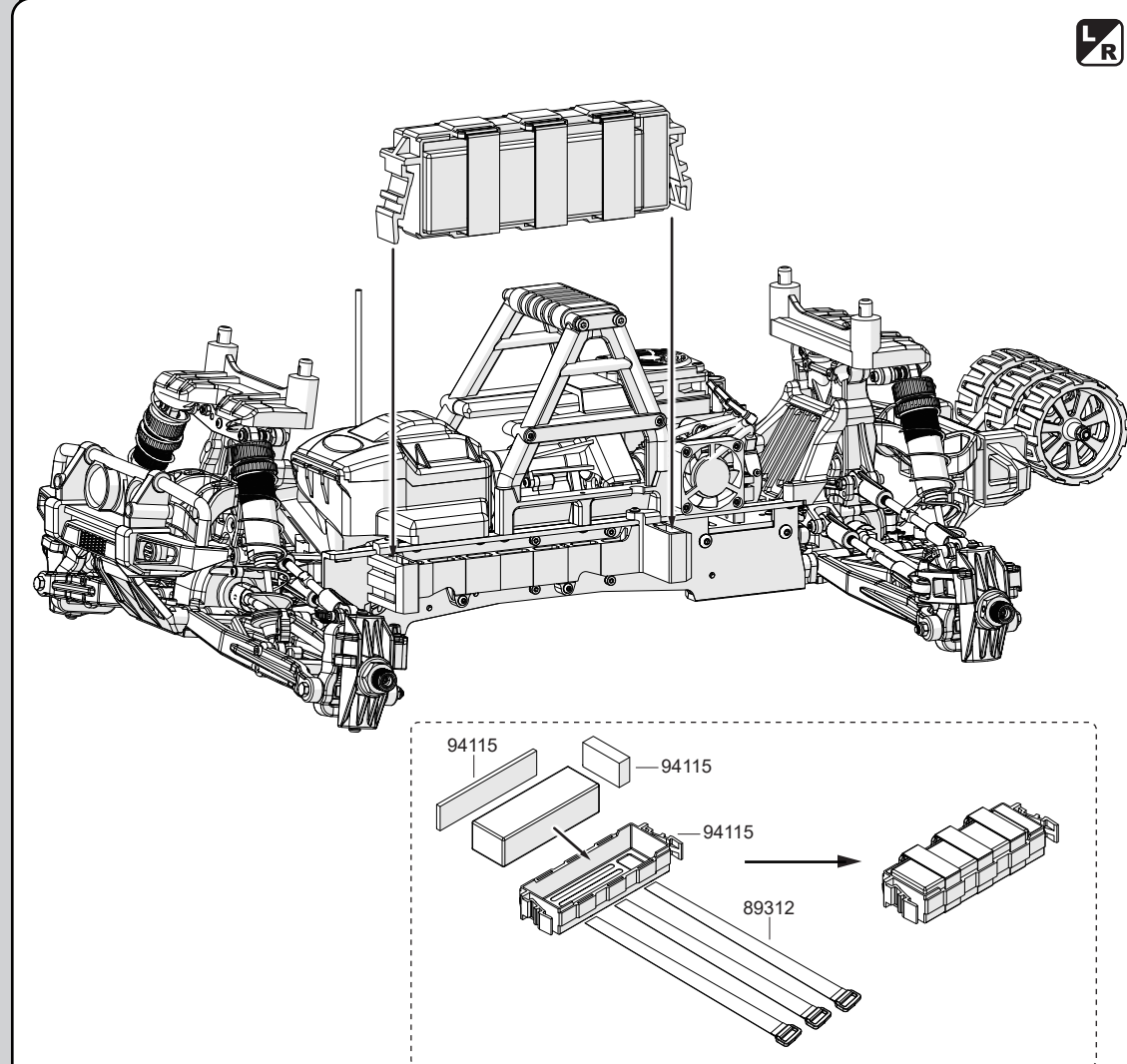
33312
M3x12 x4
B/H Screw

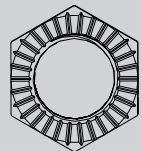
Large Capacity Battery Mount on Chassis Frame Assembly



52

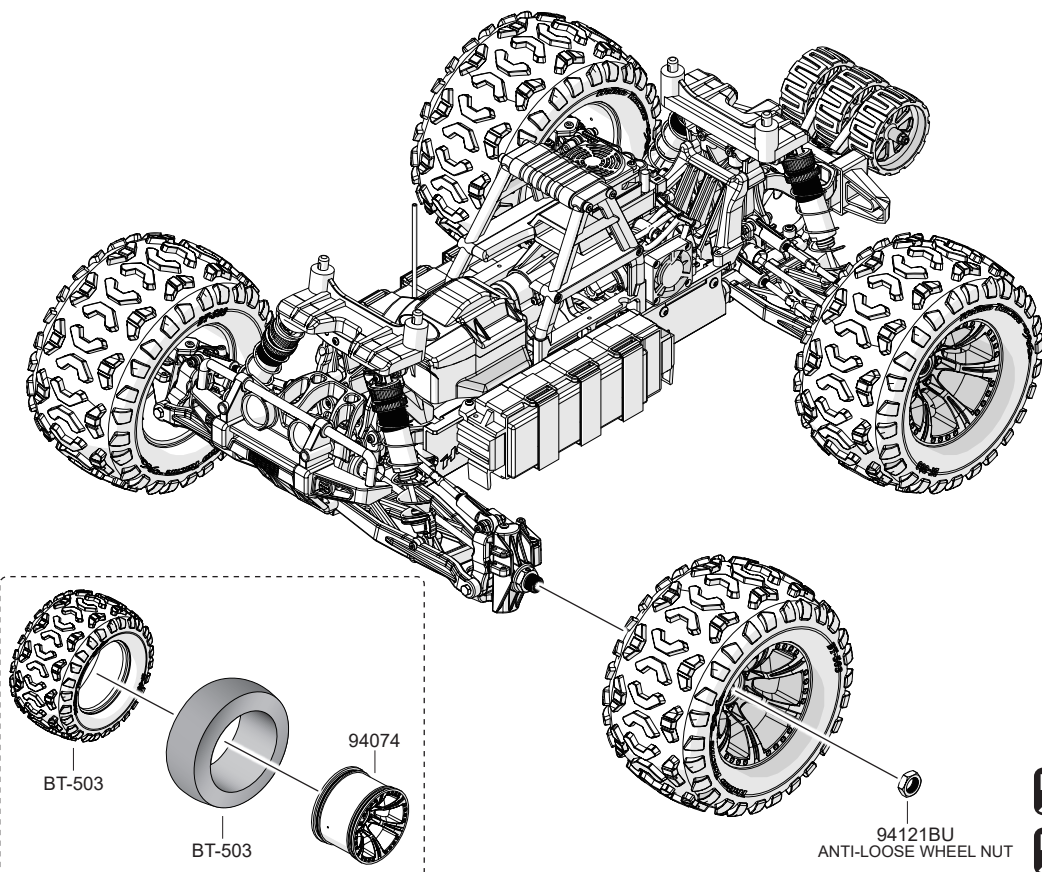
Large Capacity Battery Tray & Magic Strip Assembly



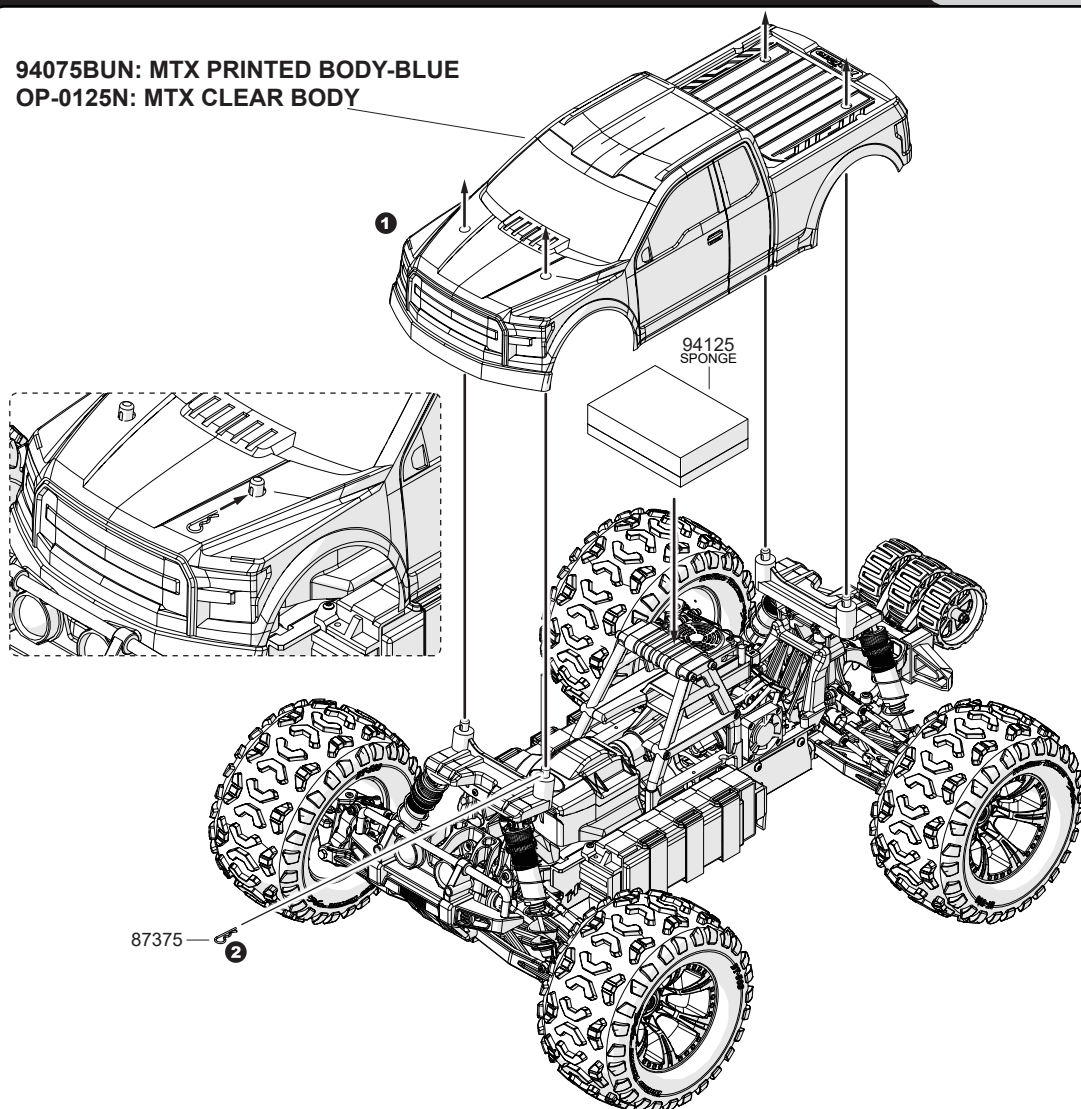
94121BU
Wheel Hex Nut x4

Tires Assembly

x4

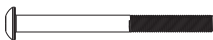
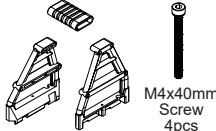
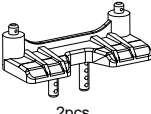
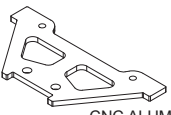
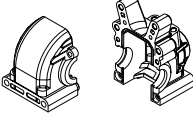
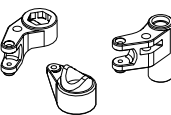
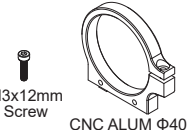
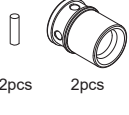
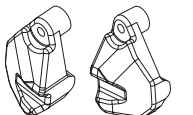
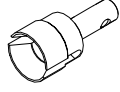
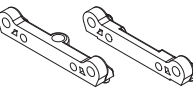
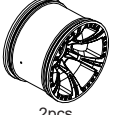
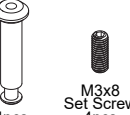
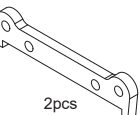
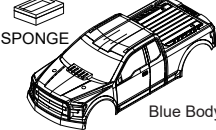
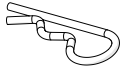
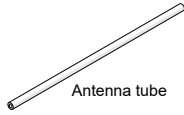
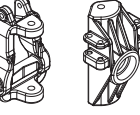
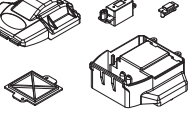
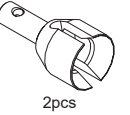


Body & Sponge Assembly

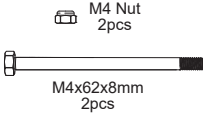
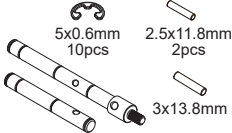
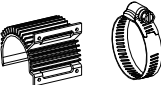
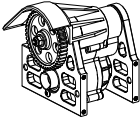
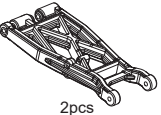
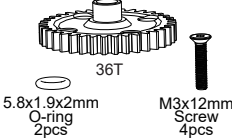
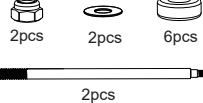
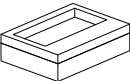
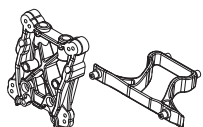
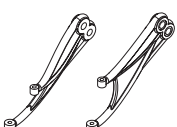
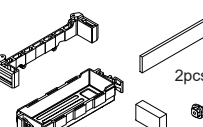
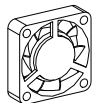
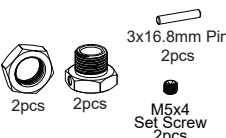
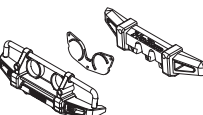
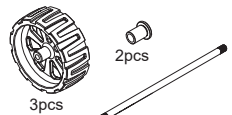
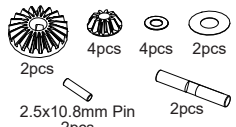
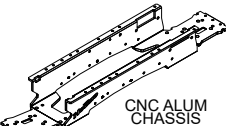
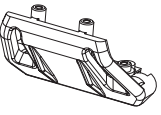
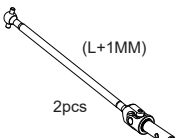
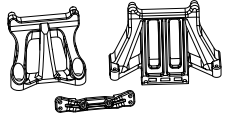
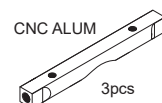
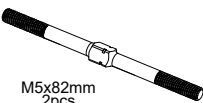
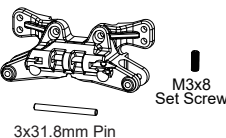
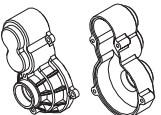
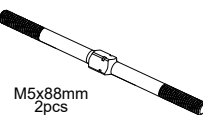
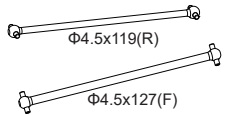
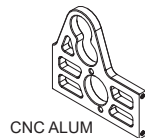
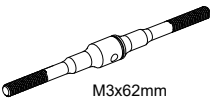
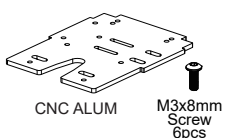
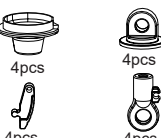
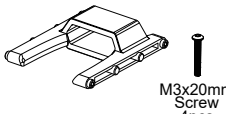
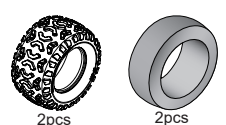
94075BUN: MTX PRINTED BODY-BLUE
OP-0125N: MTX CLEAR BODY

HYPER MTX

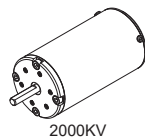
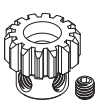
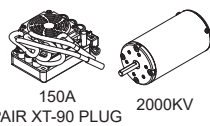
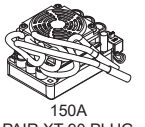
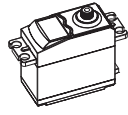
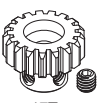
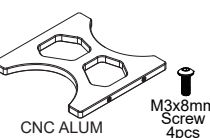
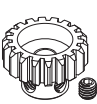
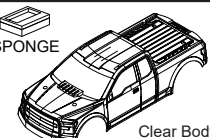
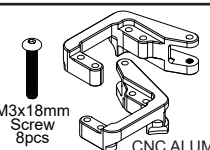
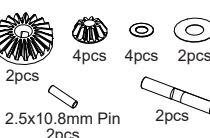
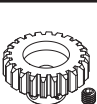
PARTS LIST

224210  16pcs	84075  6x13x5mm Bearing 4pcs	88002  M4x47x20mm Screw 4pcs	90052BUN  2pcs	94014  4x79.8mm Pin 2pcs	94033N  M4x40mm Screw 4pcs
30002  7.8mm 4pcs	84076  8x16x5mm Bearing 4pcs	89002-W  6x12x0.15mm 6pcs	90053BU  2pcs	94016  4x79.8mm Pin 2pcs	94045  CNC ALUM
30004  6.8mm 6pcs	84078  6x10x3mm Bearing 4pcs	89004G  4pcs	94001N  M3x15mm Screw 4pcs 5.8x1.9mm O-ring 2pcs	94019N  2pcs	94048  2pcs
30006  7.8mm 4pcs	84135  M4 10pcs	89107  CNC 4pcs	94002N  9T	94023  CNC ALUM	94068  2pcs
36809  3x8x1mm Spacer 10pcs	85110  5.8x1.9x2mm O-ring 2pcs M4x4 Set Screw	89312  Magic Strip 2pcs	94004  2pcs	94024N  2pcs	94070BU  M3x12mm Screw CNC ALUM Φ40
36101  5.8x1.9mm O-ring 10pcs	85112  5.8mm CNC ALUM 7075 4pcs	89635  M3x8 Screw CNC ALUM	94005N  2pcs	94025N  2pcs	94072  2pcs
37002  8x19x6mm Bearing 2pcs	87003  2pcs	90036  8pcs 4x2mm O-ring 9pcs	94008  2pcs	94025-2  2pcs	94074  2pcs
39057  2.5x10.8mm Pin 5pcs	87044S  4pcs	90038  M3x8 Set Screw 4pcs	94009  2pcs	94025-3  2pcs	94075BUN  SPONGE Blue Body
39408  M4x8mm Screw 10pcs	87375  6pcs	90047N  4pcs	94010  4pcs	94026  2pcs	94076  2pcs
3SW3NI  Spring Washer 3x5x1.5mm 10pcs	87613  Antenna tube	90048  4pcs	94013  2pcs	94031  2pcs	94077N  2pcs

PARTS LIST

94078 	94090 	94109 	94124 	OP-0134 	
94079 	94091N 	94110N 	94125 	OP-0135 	
94080 	94092 	94115 	94126 	OP-0136N 	
94081 	94093 	94117 	94127 	OP-0148 	
94083 	94095-1 	94118 	94128 		
94084N 	94097 	94119 	94129 		
94086 	94100 	94120 	94130 		
94087 	94104 	94121BU 	94131 		
94088 	94105N 	94122 	94132 		
94089 	94108 	94123 	BT-503 		

PARTS LIST

ESC/SERVO/MOTOR		OPTIONAL PARTS			
89322 		89311 	OP-0085 		
89420WP-1 		89325 	OP-0090 		
89421WP-1 		89326 	OP-0091 		
HB-5932MG 		89327 	OP-0092 		
		89328 	OP-0101 		
		89329 	OP-0125N 		
		OP-0036 	OP-0138 		
		OP-0037 	OP-0139 		
		OP-0038 			
		OP-0039 			



PARTS LIST

STANDARD PARTS		94026	SERVO STEERING ROD END, 2PCS	94131	MTX CNC ALUM MOTOR MOUNTING PLATE
224210	SINK ALUM WASHER 3MM, 16PCS	94031	RADIO BOX	94132	NEW SHOCK NYLON PARTS FOR 90052BUN
30002	BALL JOINT 7.8MM, 4PCS	94033N	NEW UPPER ROLL BRACE	BT-503	HYPER MT PLUS TIRE W/ FOAM, 2PCS
30004	BALL 6.8MM, 6PCS	94045	CNC ALUMINUM MOTOR MOUNT	OP-0134	HYPER MTE CENTER DIFFERENTIAL ASSEMBLY HOP UPS
30006	BALL FLANGED 7.8MM, 4PCS	94048	ESC. MOUNTING PLATE	OP-0135	SHOCK SPRING- HARD- ORANGE, 4 Pcs
36809	SPACER 3x8x1MM, 10PCS	94068	HOB AO NAMEPLATE	OP-0136N	ALUM 17MM WHEEL HEX HUBS-SHORT
36101	O-RING 5.8 x 1.9MM, 4PCS	94070BU	CNC ALUM MOTOR "C" HOLDER - Ø40- BLUE	OP-0148	ALUM. DIFF CASE WITH COVER, GASKET, SCREWS
37002	BALL BEARING 8x19x6MM, 2PCS	94072	MT PLUS REAR ANGLE LIMIT BLOCK		
39057	PIN 2.5 X10.8MM, 5 PCS	94074	HYPER MT PLUS WHEEL-GREY, 2PCS		
39408	M4x8MM ENGINE MOUNT SCREW, HEX SOCKET "I" HEAD, 10PCS	94075BUN	MTX PRINTED BODY - BLUE (NEW)		
3SW3NI	SPRING WASHER 3x5x1.5MM,10PCS	94076	MT PLUS NEW RETAINER, 2PCS		
84075	BALL BEARING 6x13MM, 4PCS	94077N	NEW DIFFERENTIAL OUTDRIVE CUPS, 2PCS		
84076	BALL BEARING 8x16x5MM, 4PCS	94078	MT PLUS NEW HUB HINGE PIN (M4x62MM), 2PCS		
84078	BALL BEARING 6x10x3MM, 4PCS	94079	MT PLUS II FRONT/REAR LOWER ARM, 2PCS		
84135	NYLON NUT 4MM, 10PCS	94080	MT PLUS II SHOCK TOWER		
85110	NEW DIFFERENTIAL CASE SET	94081	MT PLUS II SHOCK FRONT/REAR BUMPER SET		
85112	BALL JOINT 5.8MM 7075 CNC	94083	SKID PLATE		
87003	DIFFERENTIAL OUTDRIVE CUP	94084N	NEW MTX CNC ALUM SHOCK STIFFENER		
87044S	ALUM COLLAR 3x10MM	94086	MT PLUS II CENTER DIFFERENTIAL CASE		
87375	BODY CLPS	94087	CNC ALUM. CENTER DIFFERENTIAL MOUNT		
87613	ANTENNA TUBE	94088	STEEL GEAR(16T), 2PCS		
88002	HEX SCREW 4x47MM	94089	MT PLUS II SPUR GEAR(45T-1M)		
89002-W	6X12 MM WASHER	94090	MT PLUS II GEAR AXLE		
89004G	GASKET ONLY FOR DIFFERENTIAL, 4PCS	94091N	NEW STEEL SPUR GEAR - 36T FOR GASKET VERSION		
89107	SHOCK STEEL BALL END 6.8MM, 4PCS	94092	MT PLUS II WHEELIE BAR MOUNT		
89312	MAGIC STRIP, 2PCS	94093	MT PLUS II WHEELIE BAR WHEELS, 3PCS		
89635	FUTABA SERVO HORN (25T)	94095-1	UNIVERSAL JOINT(+1MM) FOR MT PLUS II		
90036	SHOCK ABSORBER REPAIR SET	94097	MT PLUS II CNC ALUM. SUPPORTING BAR		
90038	HINGE PIN, 4 SETS	94100	MT PLUS II ORANGE HEADLIGHT, 2PCS		
90047N	NEW SHOCK PISTON, 3 HOLE 1.6MM	94104	TURNBUCKLE M3 x 62MM		
90048	SHOCK BLADDER, 4PCS	94105N	NEW SHOCK ABSORBER SET (ID 17MM)		
90052BUN	NEW SHOCK CAP TOP-BLUE, 2PCS	94108	SHOCK BODY, 2PCS		
90053BU	SHOCK CAP BOTTOM-BLUE, 2PCS	94109	SHOCK SPRING ADJUSTABLE RING, 4PCS		
94001N	NEW CROWN GAR - 29T FOR GASKET VERSION	94110N	NEW SHOCK SHAFT SET- COATED		
94002N	NEW MTX PINION GEAR - 9T	94115	LARGE CAPACITY BATTERY TRAY		
94004	GEAR BOX	94117	NEW STEEL BEVEL GEARS SET		
94005N	NEW OUTDRIVE CUP, W/RETAINER & PIN	94118	REAR KNUCKLE ARM LINK ACCESSORY		
94008	PLASTIC HINGE PIN RETAINER	94119	TURNBUCKLE M5x82MM, 2PCS		
94009	ALUMINUM HINGE PIN HOLDER, 2PCS	94120	TURNBUCKLE M5x88MM, 2PCS		
94010	CAMBER LINK ROD ENDS, 4PCS	94121BU	ANTI-LOOSE WHEEL NUT 17mm- BLUE, 4PCS		
94013	STEERING KNUCKLE & HINGE PIN UPRIGHT	94122	MOTOR GEAR COVER		
94014	STEERING KNUCKLE ARM LINK, 2PCS	94123	WIRE PASS THROUGH		
94016	INNER ARM HINGE PIN, 2PCS	94124	MOTOR HEATSINK W/ HOSE CLAMP		
94019N	NEW SHOCK TOP CAP PROTECTOR W/BODY POST	94125	BODY BUFFER SPONGE		
94023	CNC ALUM UPPER FRONT PLATE	94126	COOLING FAN		
94024N	NEW SERVO SAVER ARM	94127	7075 ALUM ONE PIECE CHASSIS FRAME		
94025N	NEW SERVO SAVER HUB SET W/HARD SPRING AND RACK	94128	MTX FRONT/REAR SHOCK TOWER BRACE		
94025-2	CNC ALUM STEERING RACK	94129	MTX REAR CHASSIS BRACE MOUNT		
94025-3	STEERING HARD SPRING	94130	CENTER DRIVE SHAFT SET- Ø4.5MM		



PARTS LIST

[illegible]

Shock Set No. 94105N

