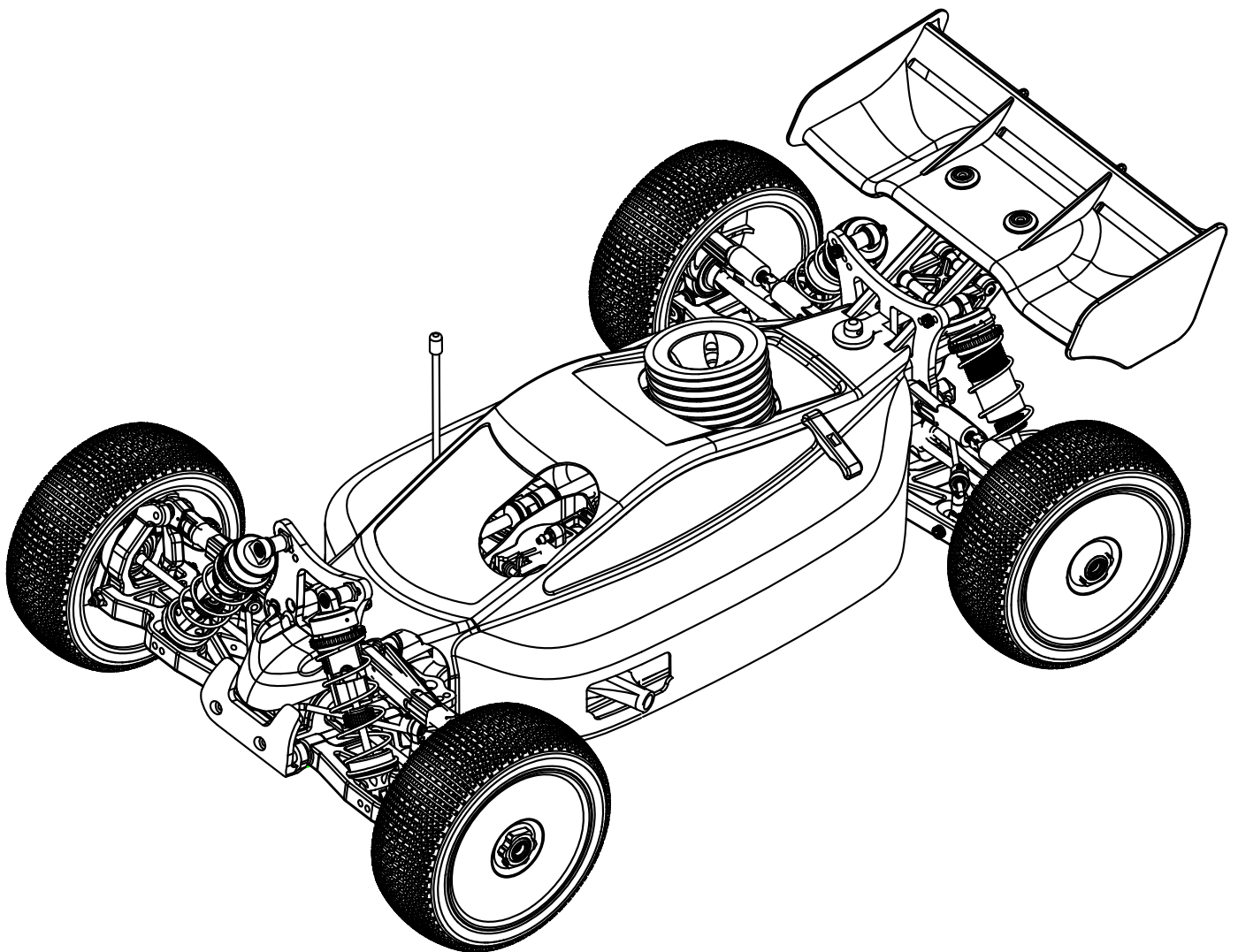


1/8 Off-Road Nitro Power 4 Wheel Drive Buggy & Short Course Truck Instruction Manual



Length 487 mm

Width 306 mm

Height 204 mm

Wheelbase 324~328 mm

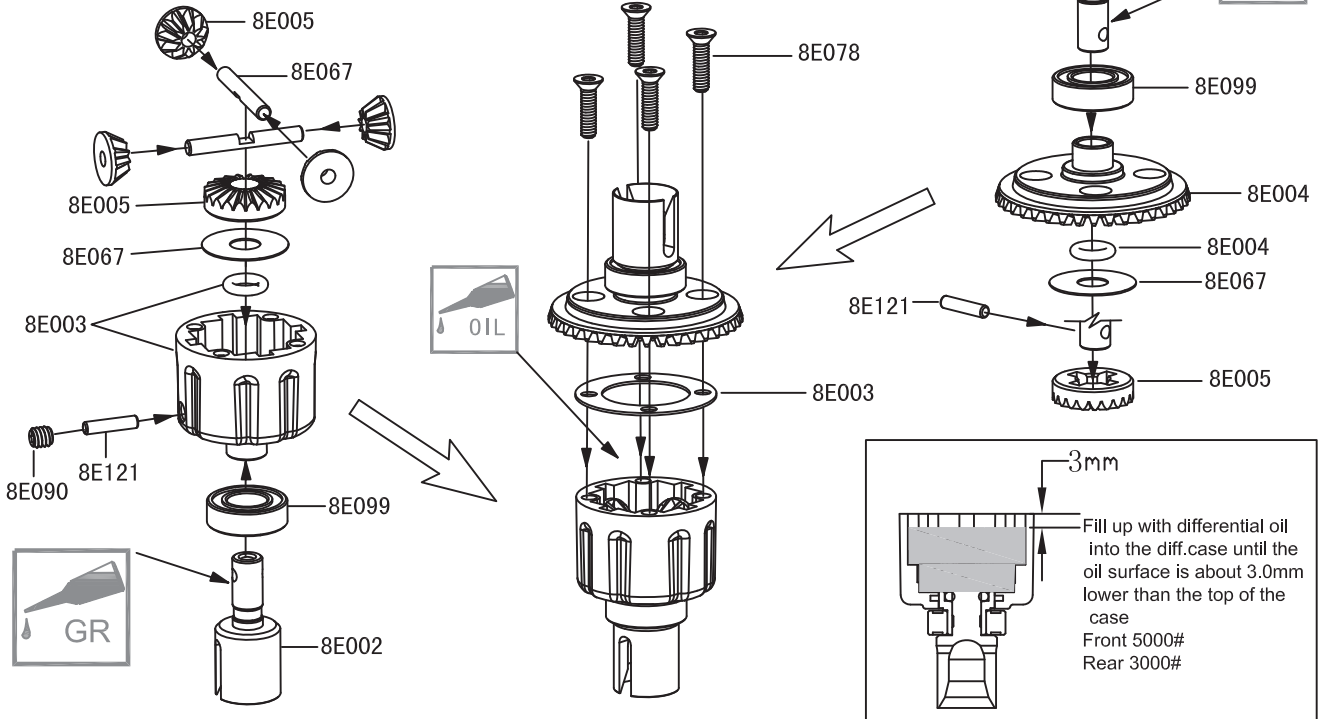
Total Weight 3.20 Kg

Gear Ratio 11.3

Contents

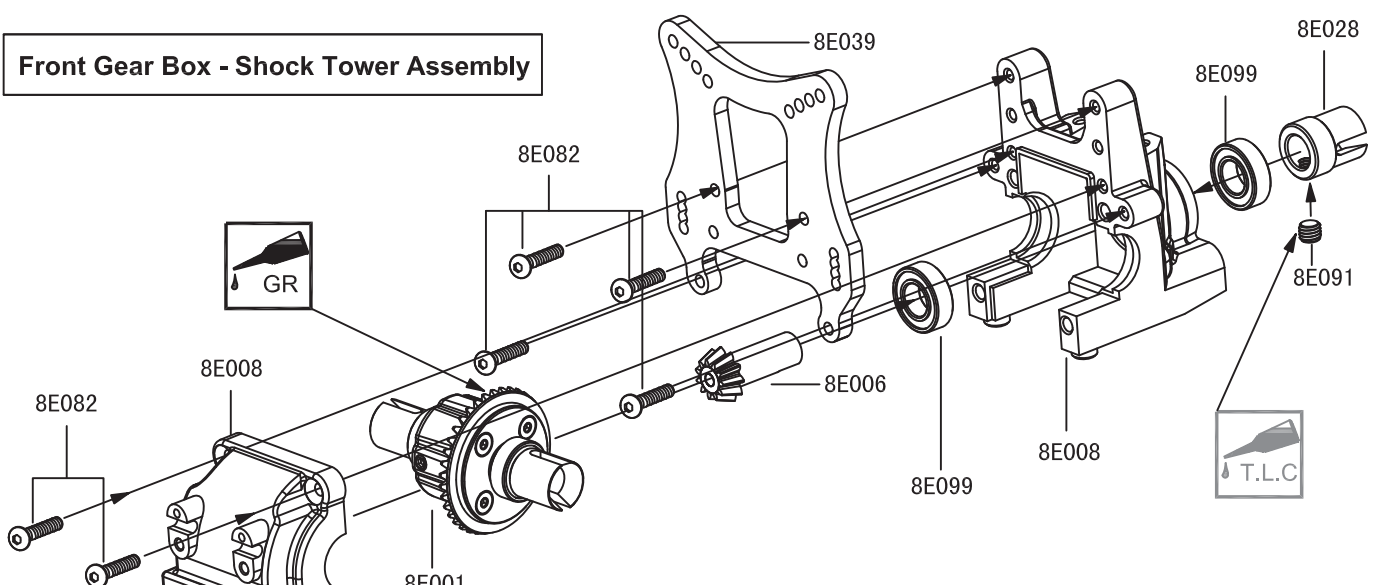
Table of Contents.	1
Instructions and precautions.	2~7
Assembly guide details.	8~16
Exploded Diagram	17~18
Parts List.	19~23
Spare parts List.	24~25
Set Up Sheet.	26

Differential Gear Assembly



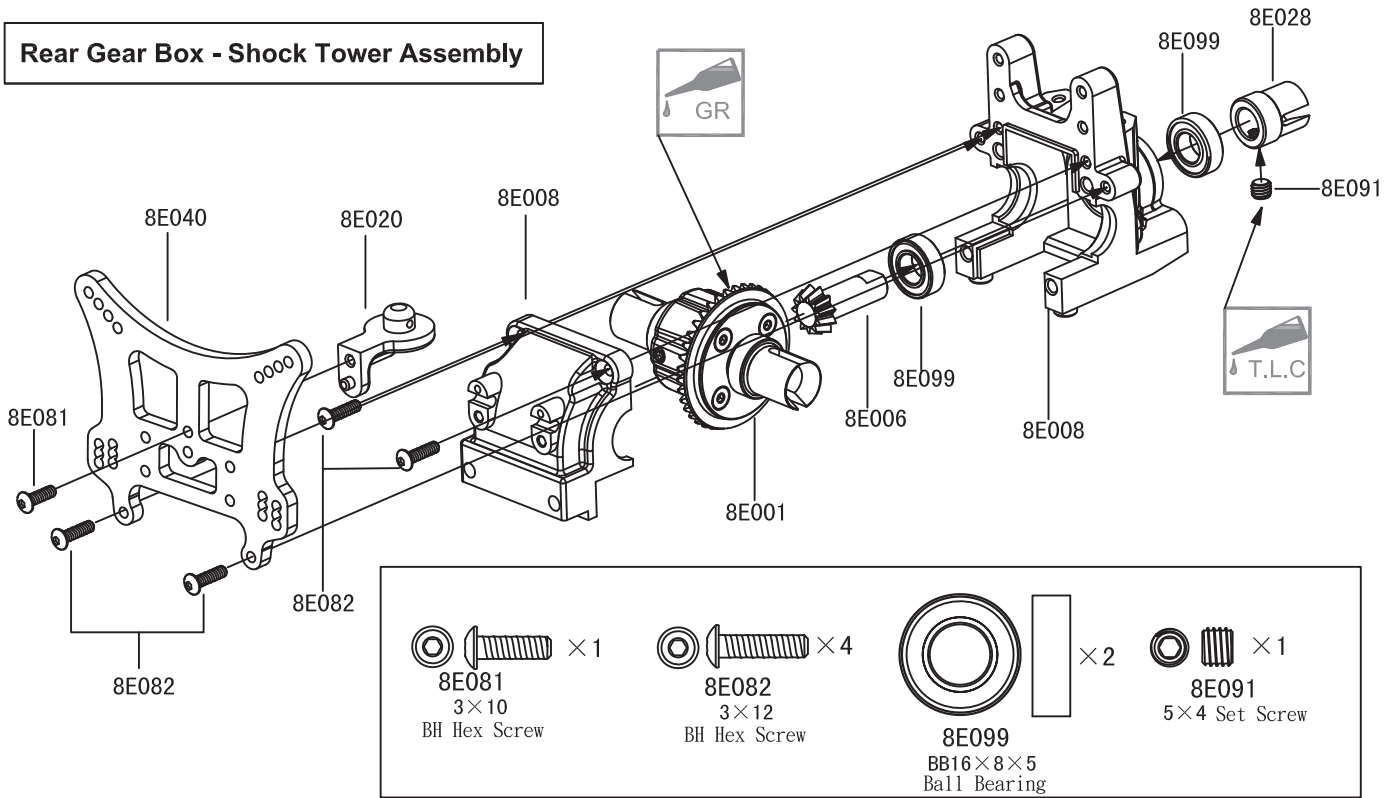
- 8E067**
17×6.3×0.3
Washer
- 8E099**
BB16×8×5
Ball Bearing
- 8E090**
4×4 Set Screw
- 8E121**
Pin 2.5×11
- 8E078**
3×12
FH Hex Screw
- 8E003**
O-ring 1.75×9

Front Gear Box - Shock Tower Assembly

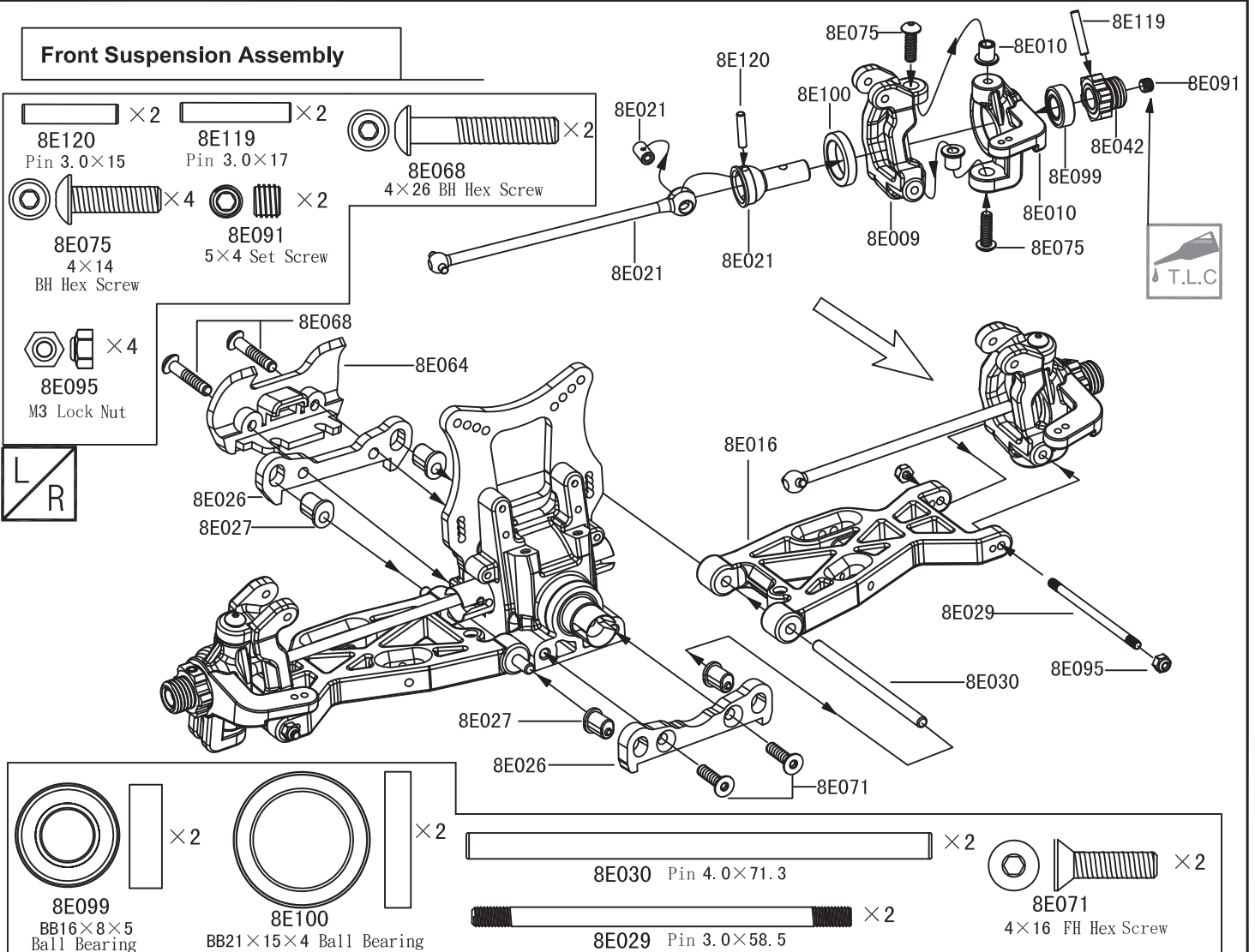


- 8E082**
3×12
BH Hex Screw
Button Head
- 8E099**
BB16×8×5
Ball Bearing
- 8E091**
5×4 Set Screw

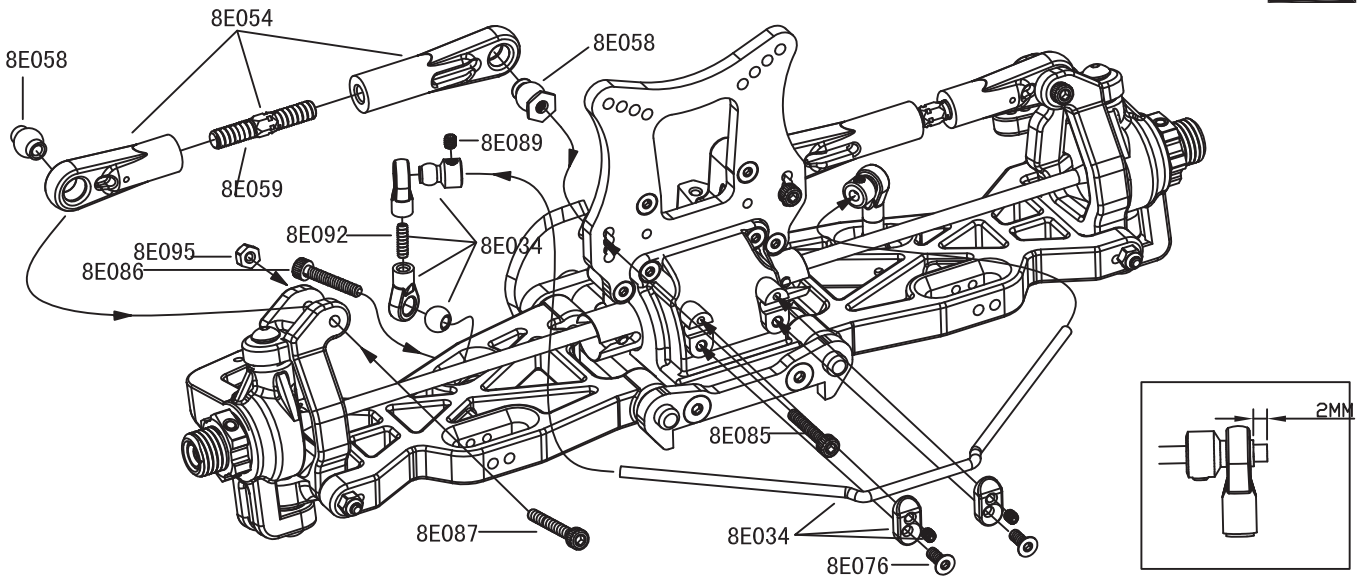
Rear Gear Box - Shock Tower Assembly



Front Suspension Assembly



Front anti-roll Bars Assembly



8E085
3×12
Cap Screw

8E086
3×18
Cap Screw

8E087
3×24
Cap Screw

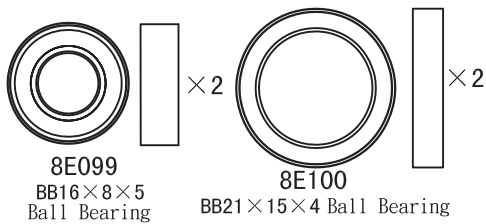
8E089
3×3 Set Screw

8E095
M3 Lock Nut

8E092
3×10 Set Screw

8E076
3×8 FH Hex Screw

Rear Suspension Assembly



8E119
Pin 3.0×17

8E091
5×4 Set Screw

8E095
M3 Lock Nut

8E081
3×10
OH Hex Screw

8E072
4×26
FH Hex Screw

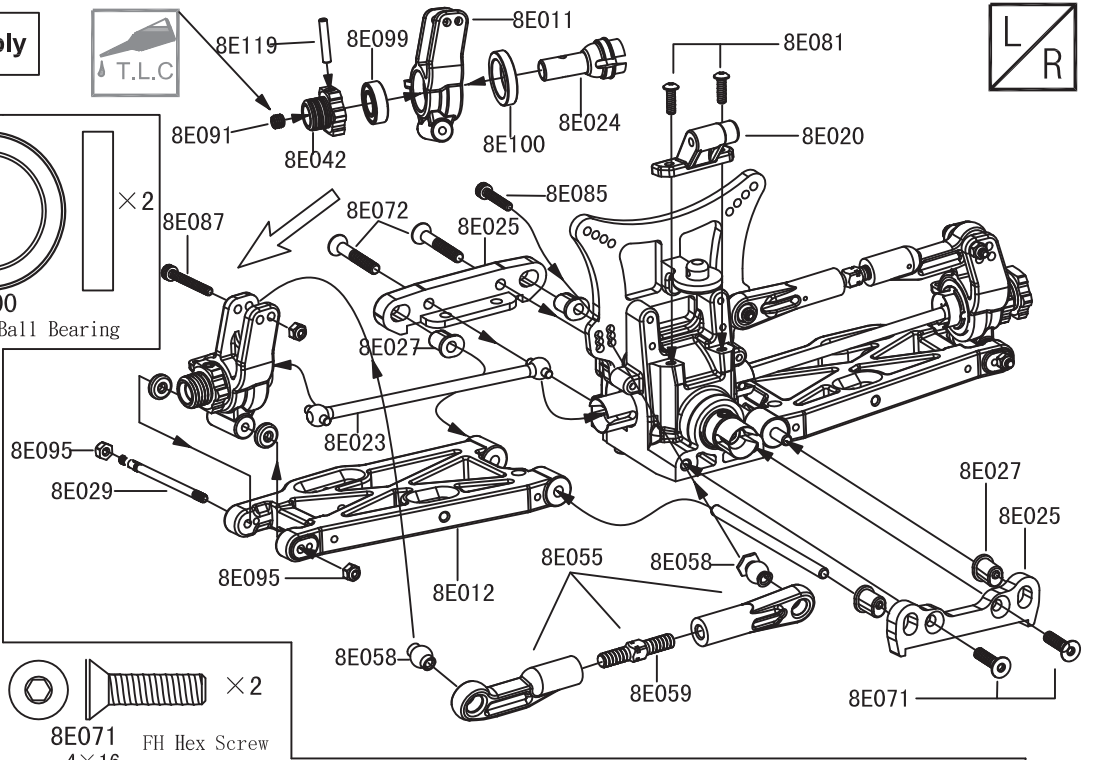
8E071
4×16
FH Hex Screw

8E087
3×24
Cap Screw

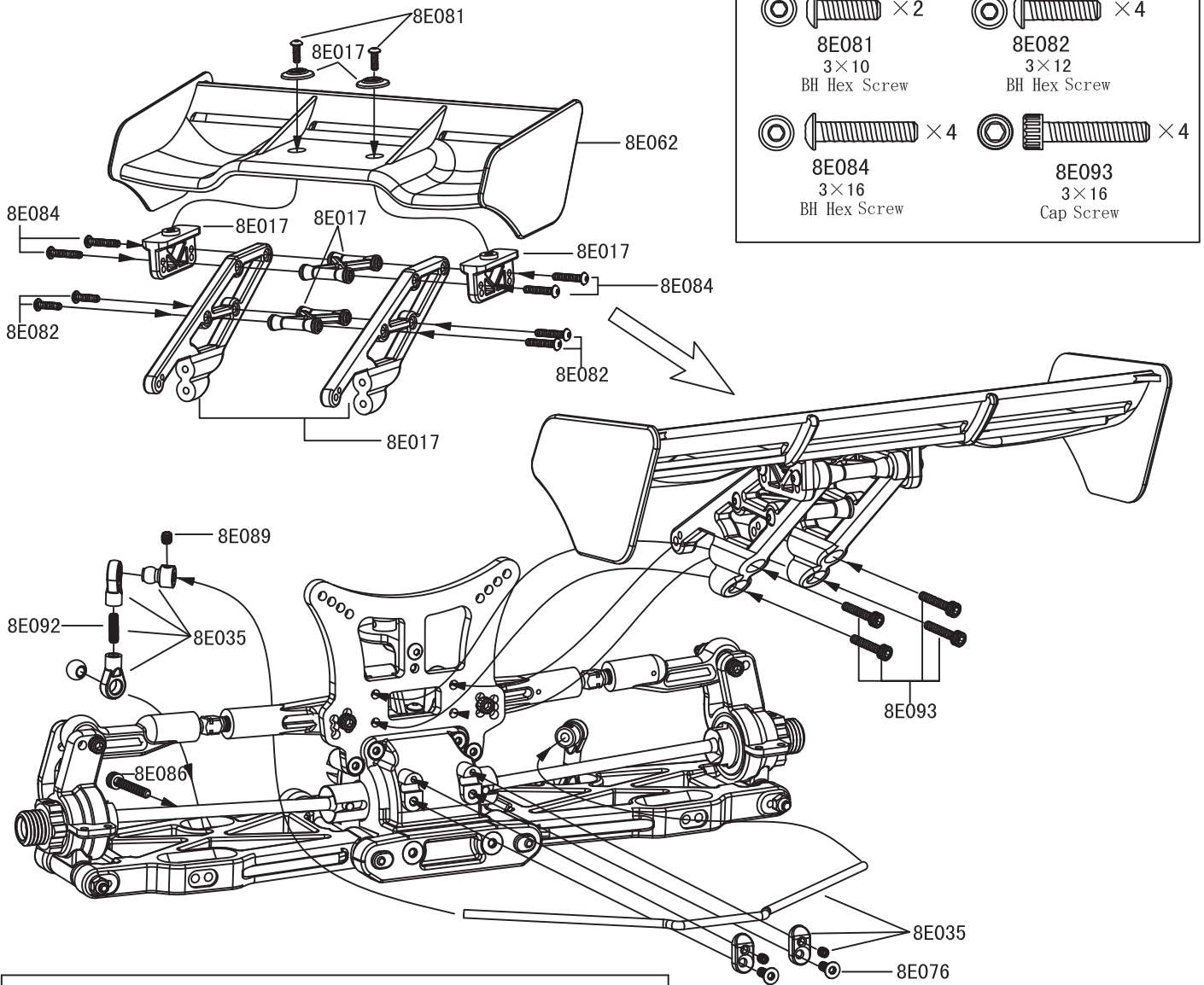
8E085
3×12
Cap Screw





8E030
Pin 4.0×71.3





8E029
Pin 3.0×52



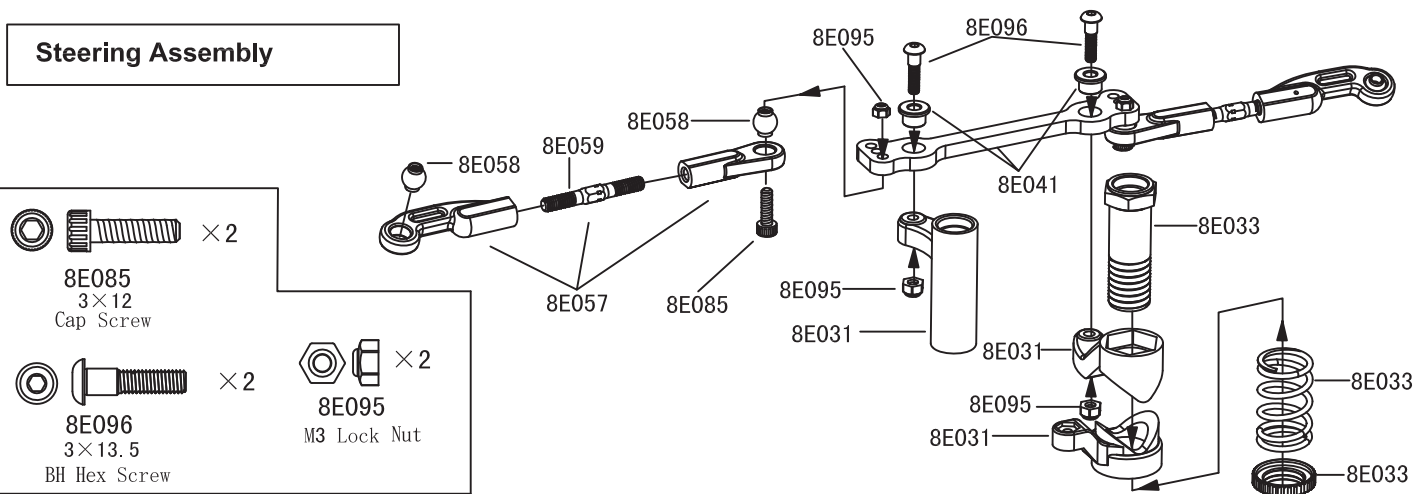
Tail - Rear Anti-roll Bars Assembly






- | | |
|--|---|
|  × 2 |  × 4 |
| 8E081
3×10
BH Hex Screw | 8E082
3×12
BH Hex Screw |
|  × 4 |  × 4 |
| 8E084
3×16
BH Hex Screw | 8E093
3×16
Cap Screw |

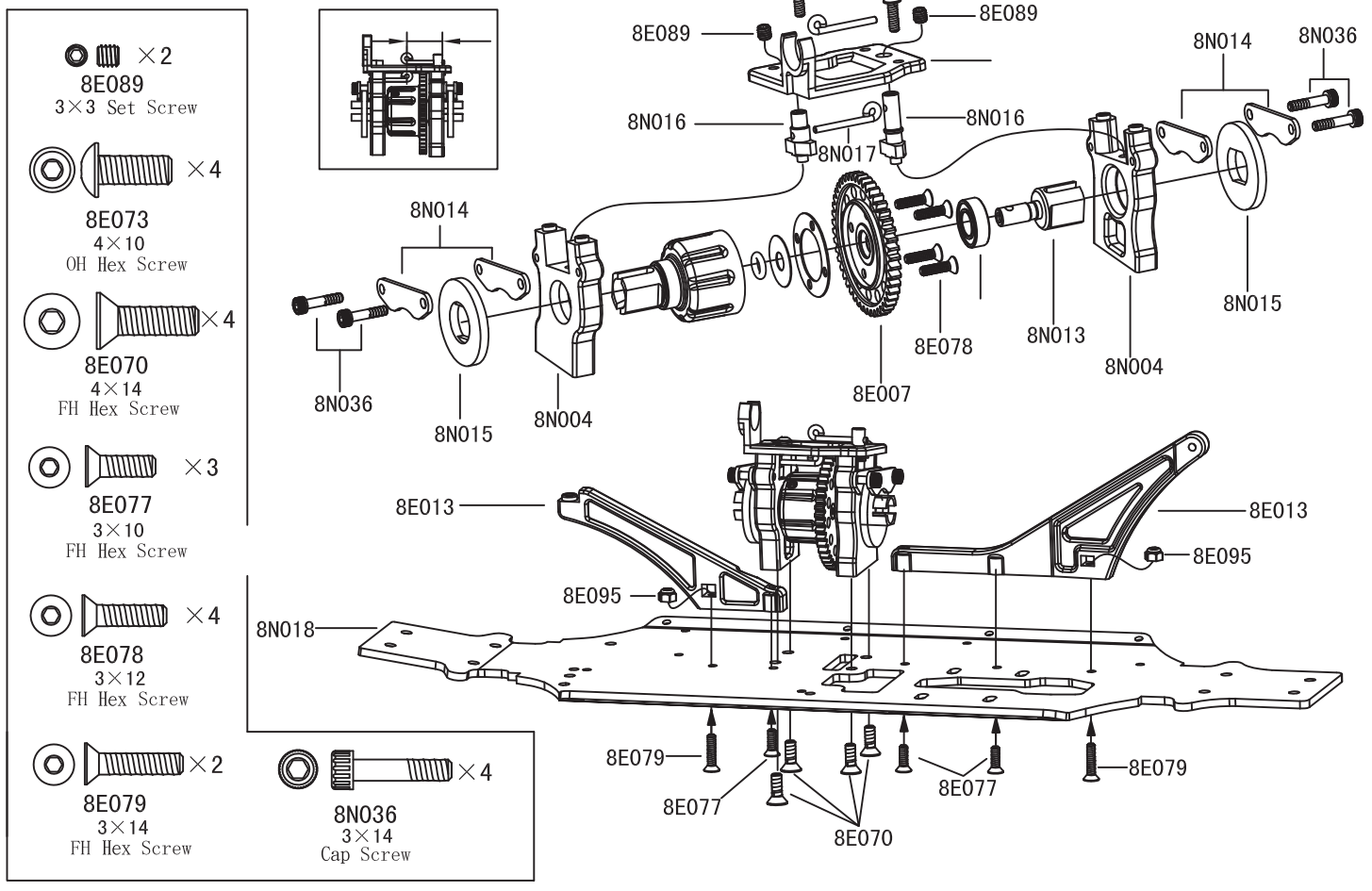
- | | | | |
|---|---|---|---|
|  × 2 |  × 2 |  × 2 |  × 4 |
| 8E076
3×8
FH Hex Screw | 8E086
3×18
Cap Screw | 8E092
3×10
Set Screw | 8E089
3×3 Set Screw |

Steering Assembly

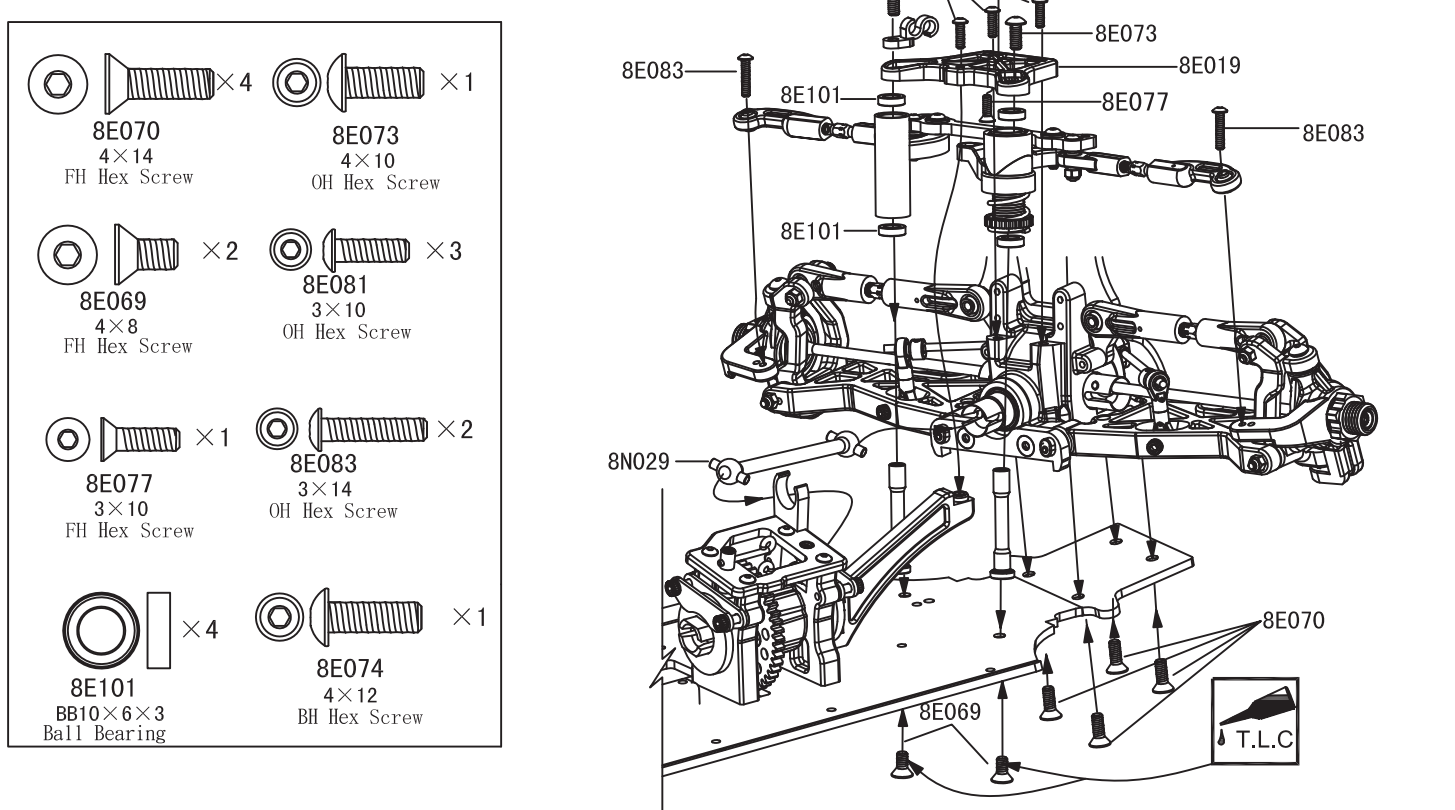


- | | | |
|---|---|---|
|  × 2 |  × 2 |  × 2 |
| 8E085
3×12
Cap Screw | 8E096
3×13.5
BH Hex Screw | 8E095
M3 Lock Nut |

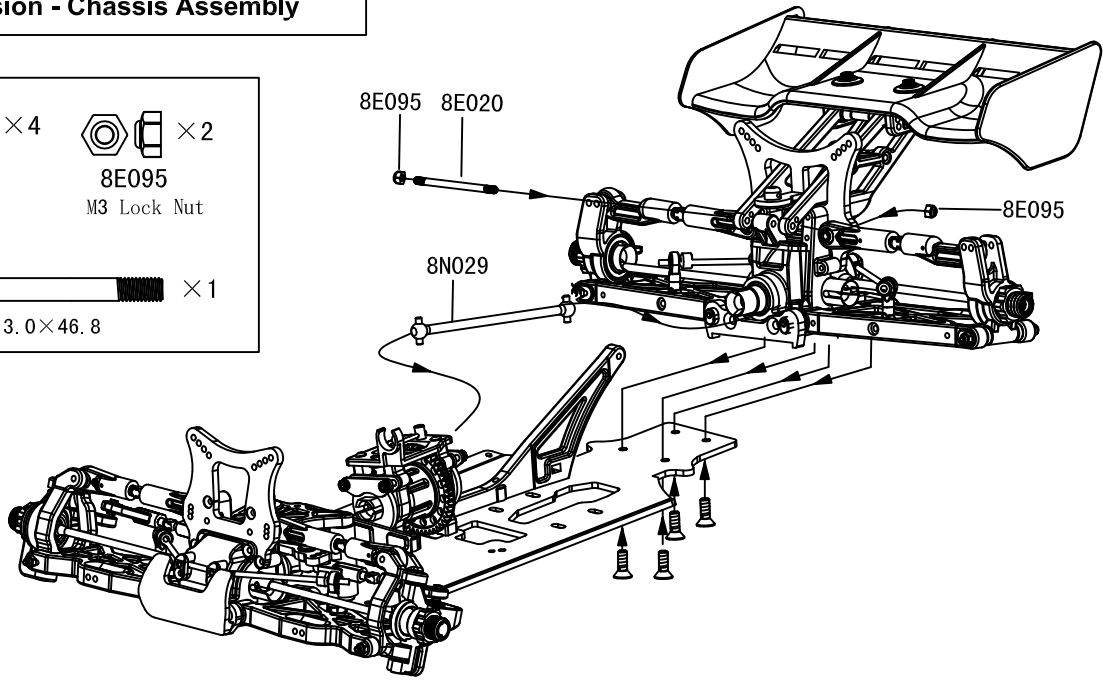
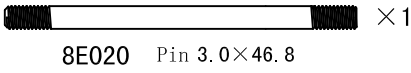
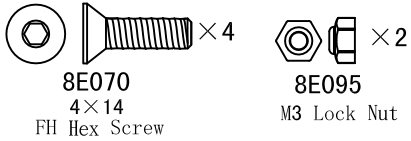
Tension Rod - Center Differential - Chassis Assembly



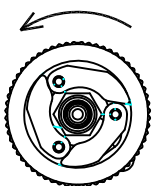
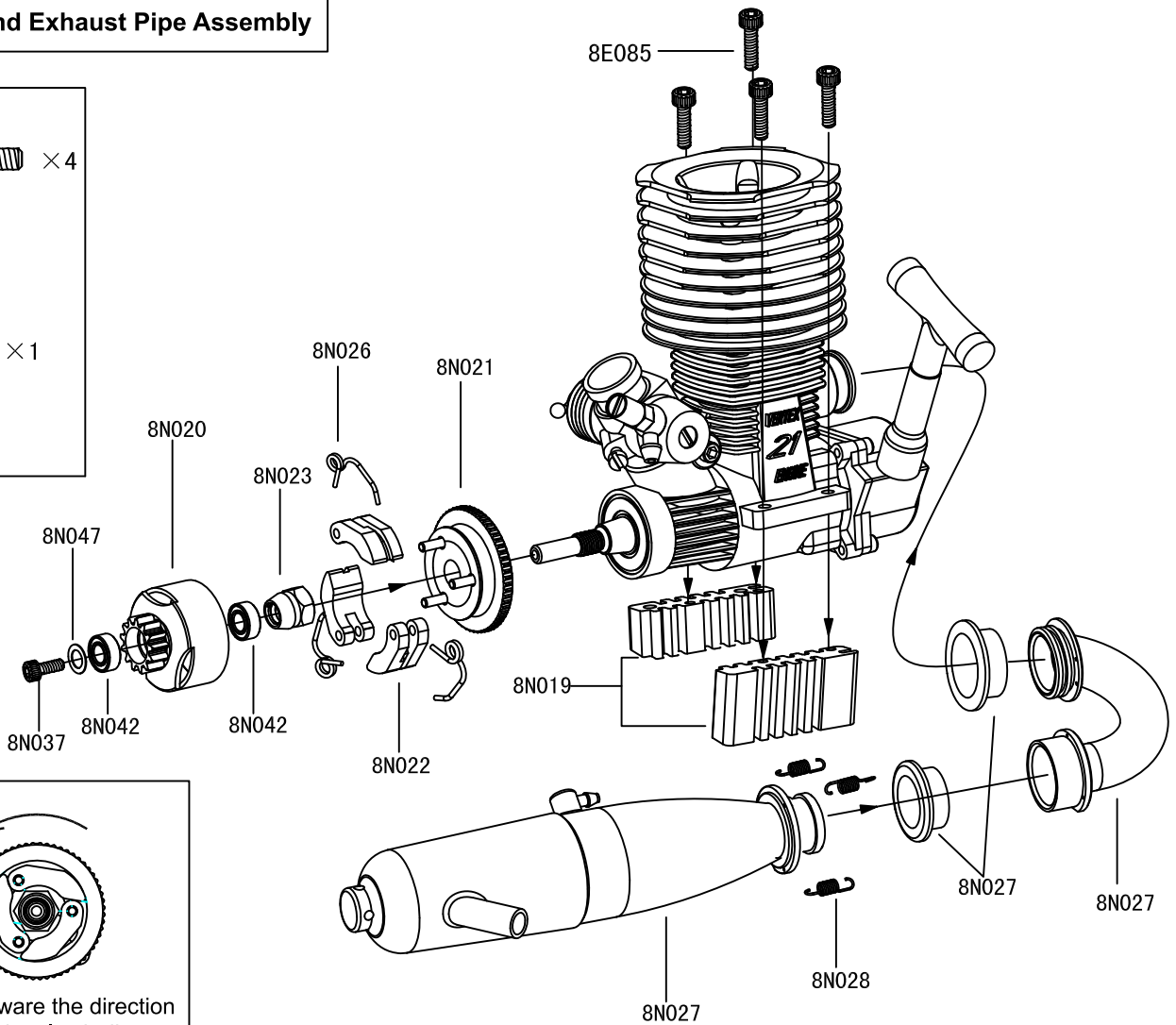
Front suspension - Chassis Assembly



Rear Suspension - Chassis Assembly




Engine and Exhaust Pipe Assembly




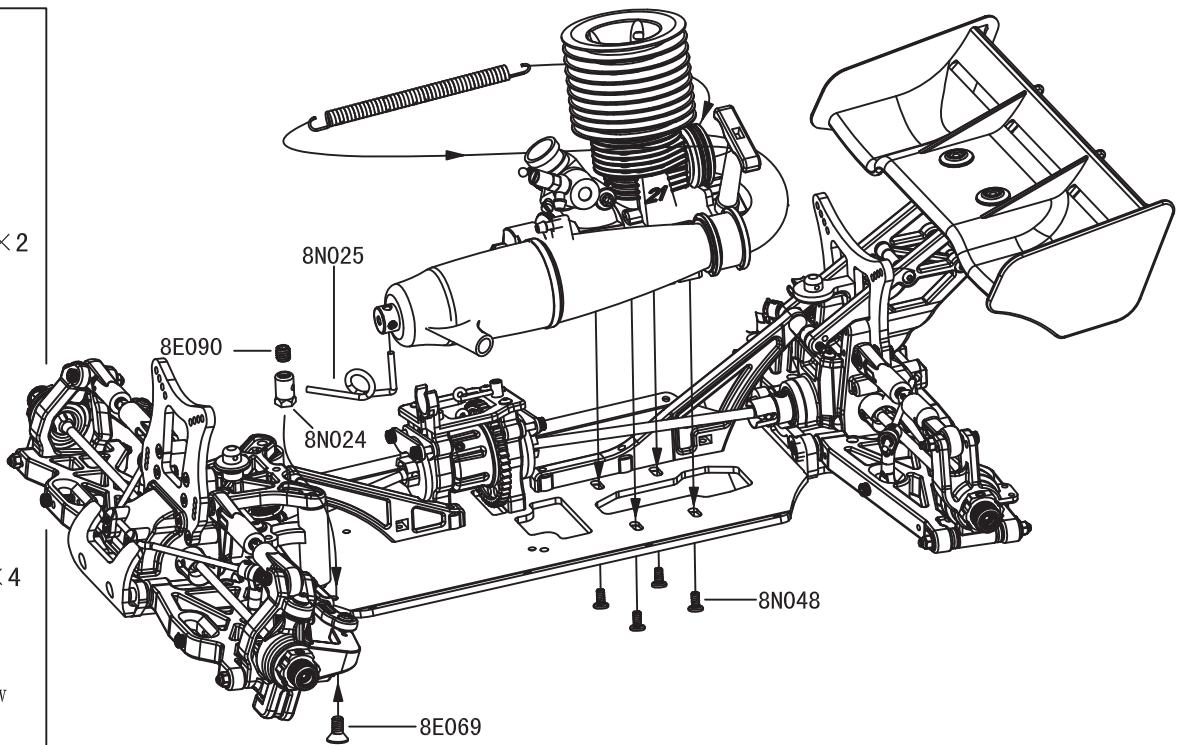
Attn: Beware the direction of the clutch disc.

Engine Set - Chassis Assembly

 × 1
8E090
 4×4 Set Screw


 × 2
8E069
 4×8
 FH Hex Screw

 × 4
8N048
 4×8
 I-Head Screw

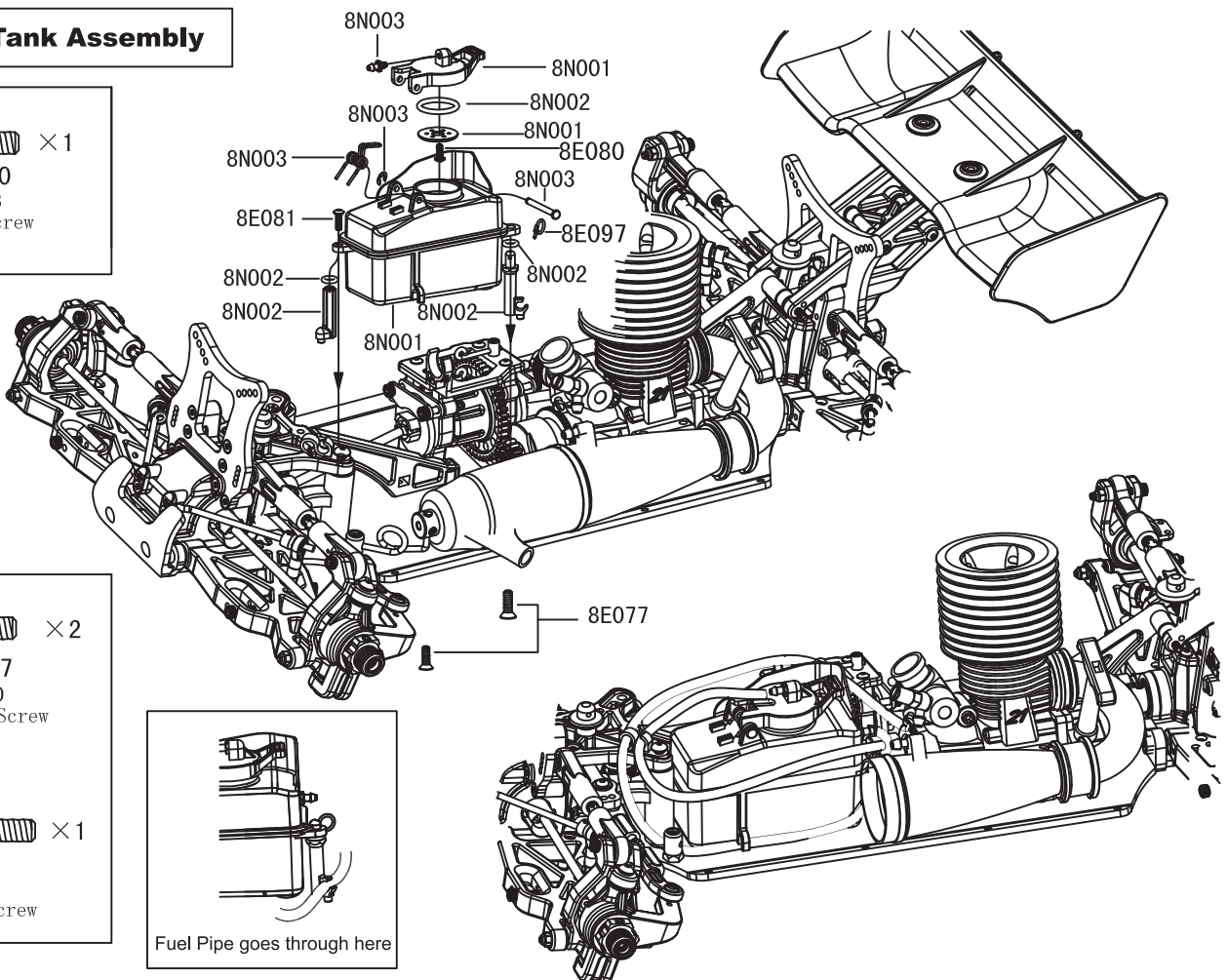


Fuel Tank Assembly

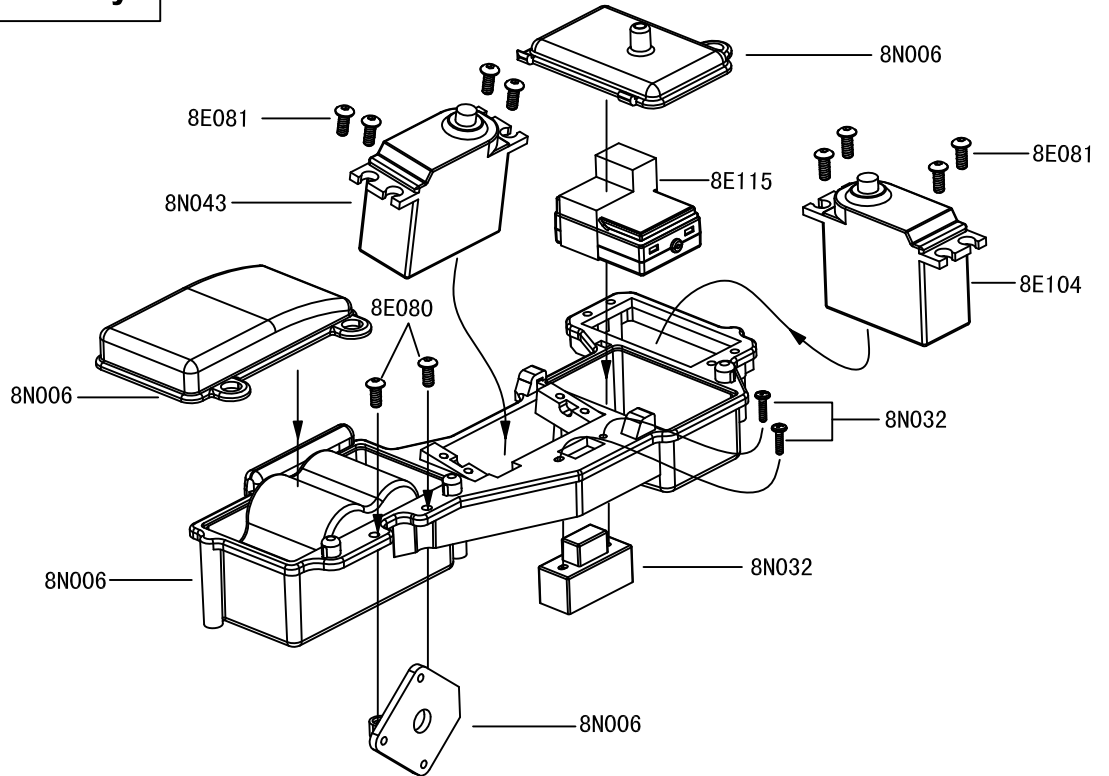
 × 1
8E080
 3×8
 BH Hex Screw

 × 2
8E077
 3×10
 FH Hex Screw

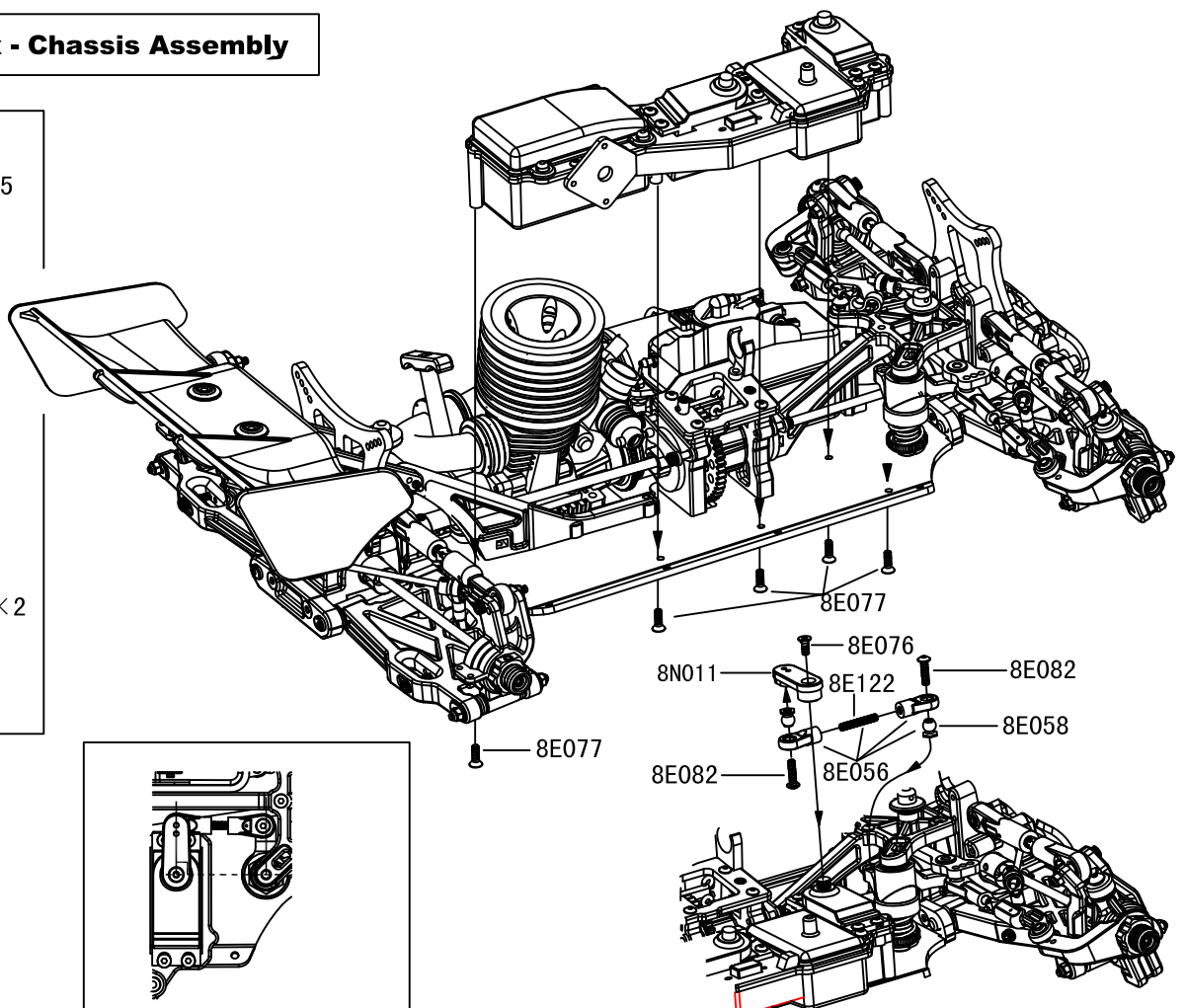
 × 1
8E081
 3×10
 BH Hex Screw



Servo- Receiver Assembly



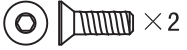
Battery Box - Chassis Assembly



Linkage Adjustment Assembly



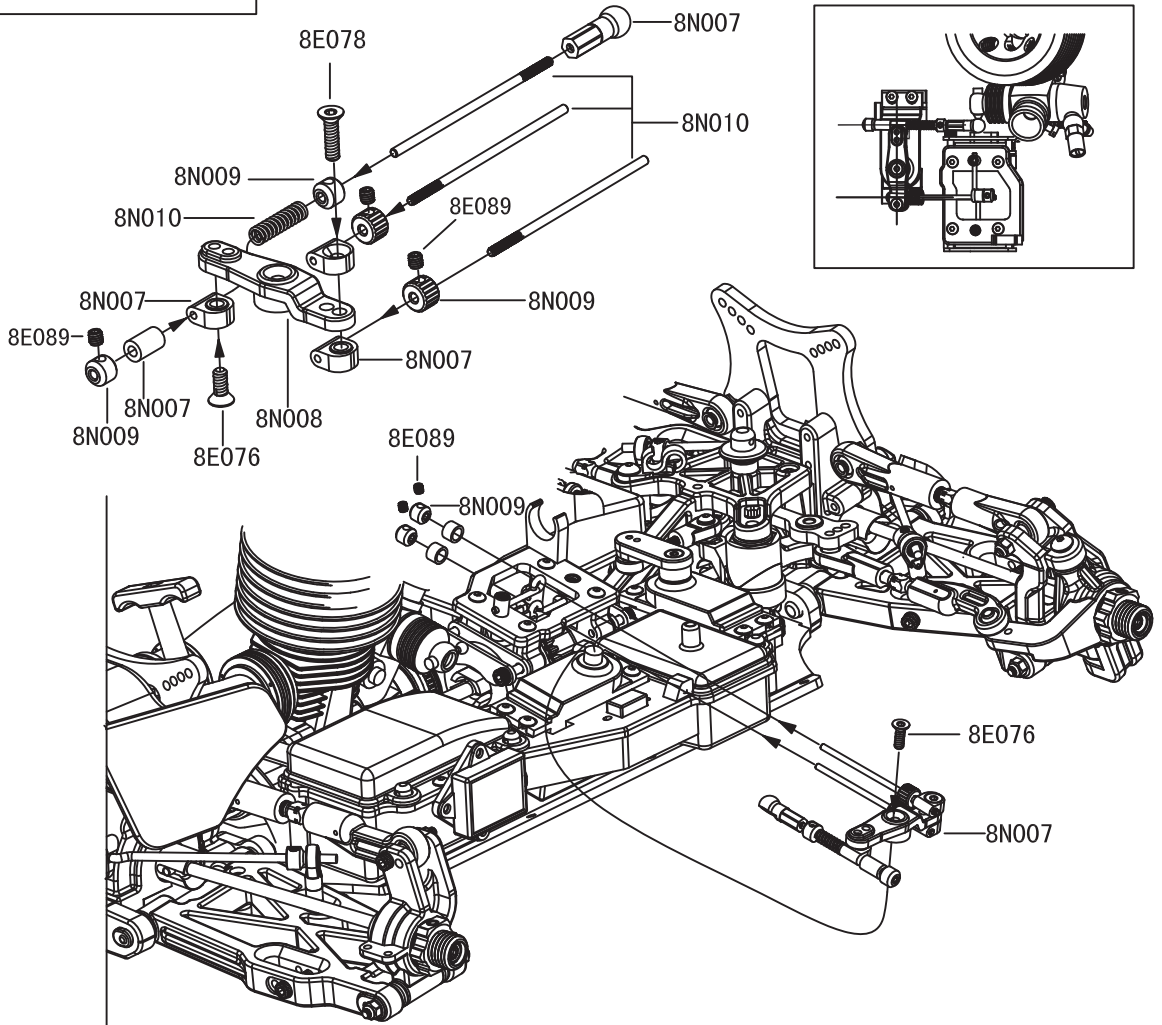
× 1
8E078
3×12
FH Hex Screw



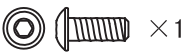
× 2
8E076
3×8
FH Hex Screw



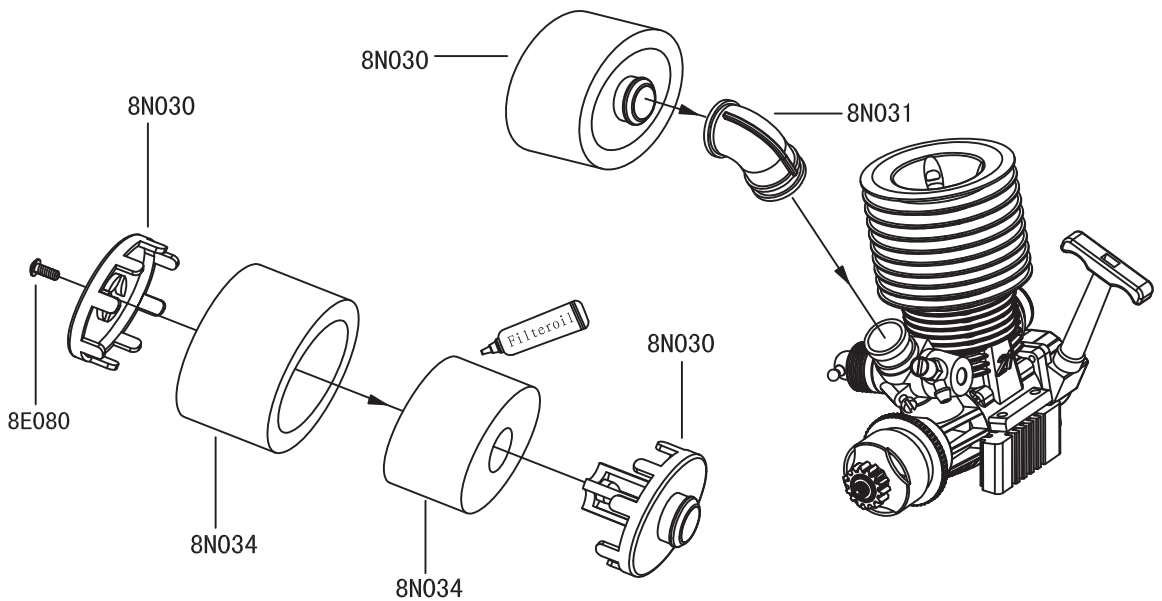
× 4
8E089
3×3 Set Screw



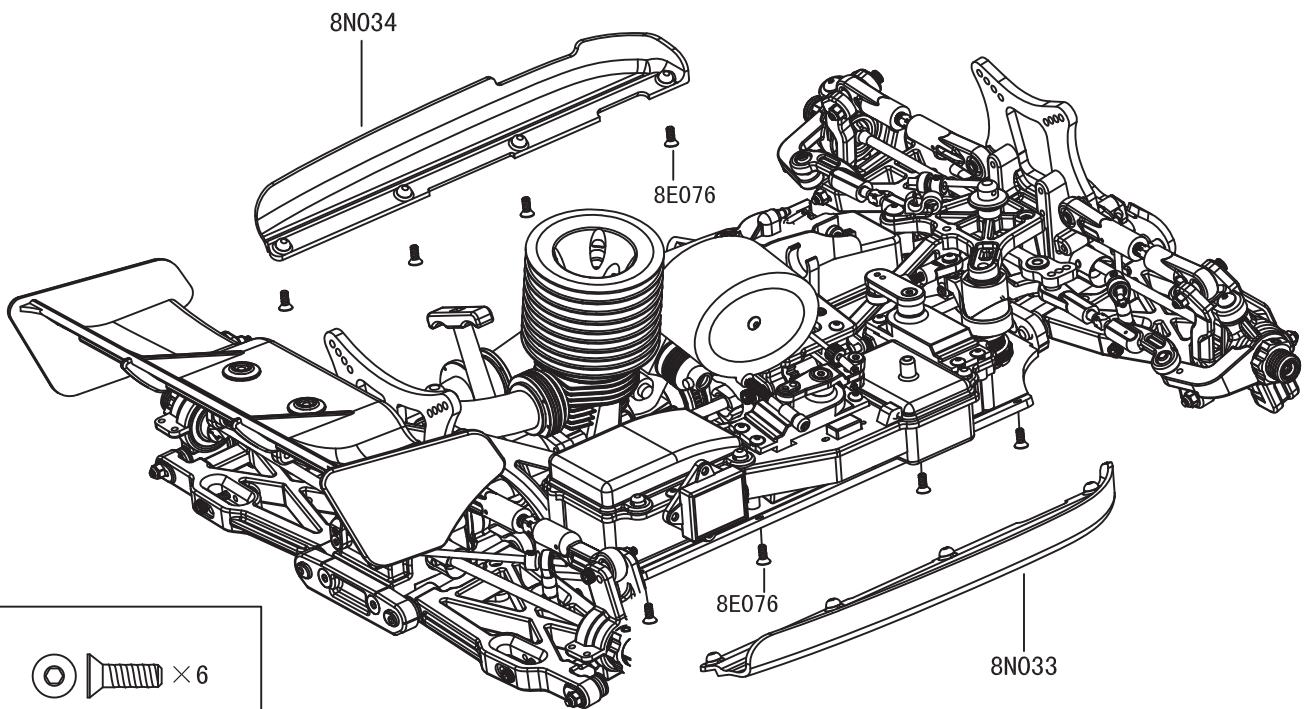
Air Filter Assembly



× 1
8E080
3×8
BH Hex Screw

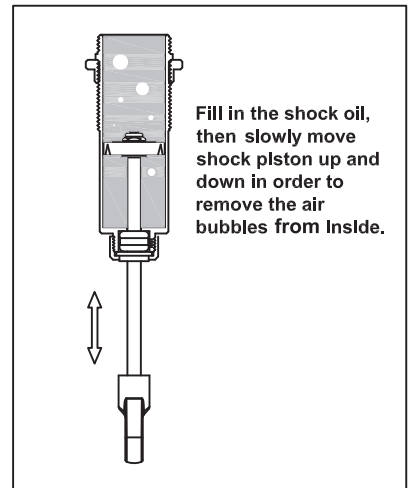
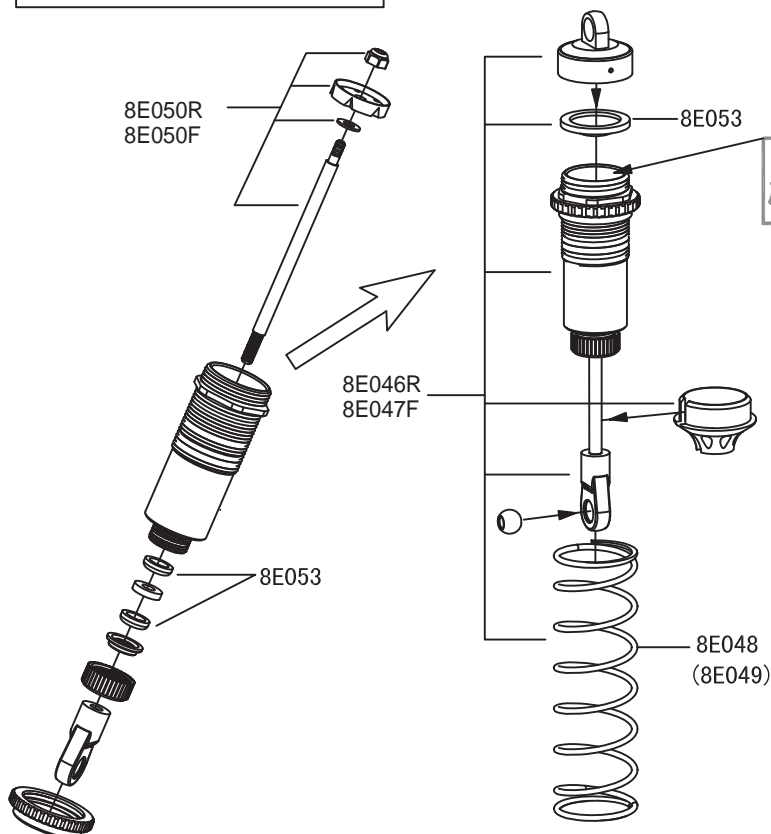


Side Guard Assembly



 × 6
 8E076
 3×8
 FH Hex Screw

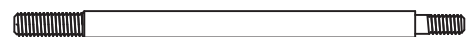
Shock Absorber Assembly



F
R

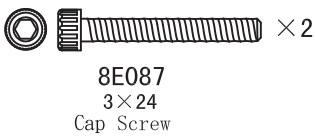
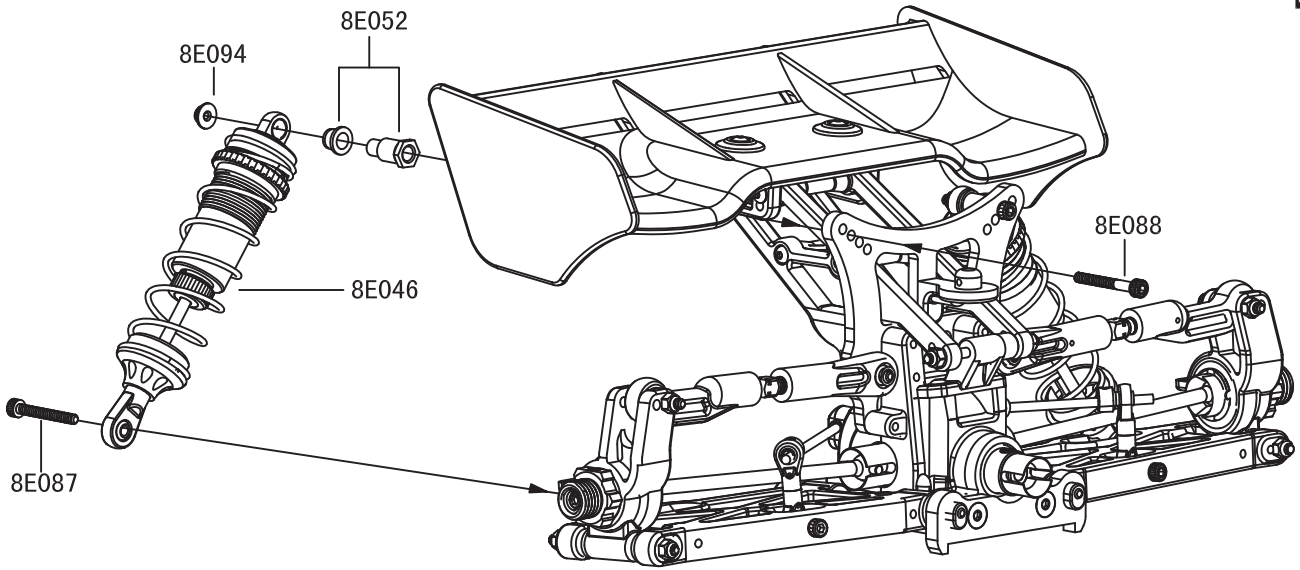


8E050
Rear 3.5×66.5

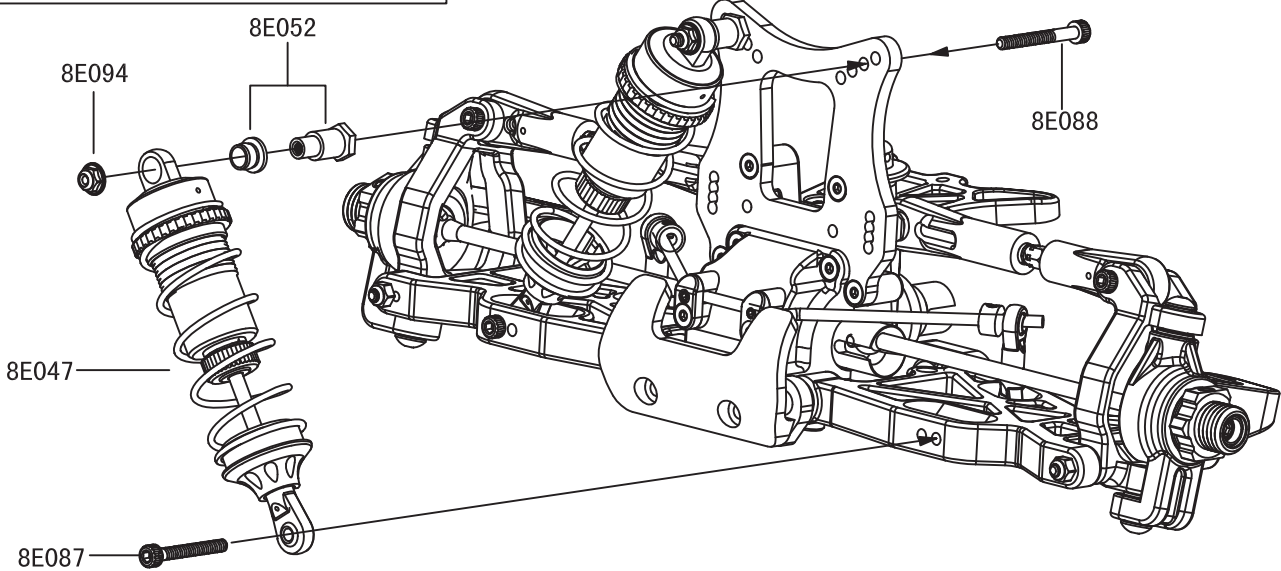


8E051
Front 3.5×59.5

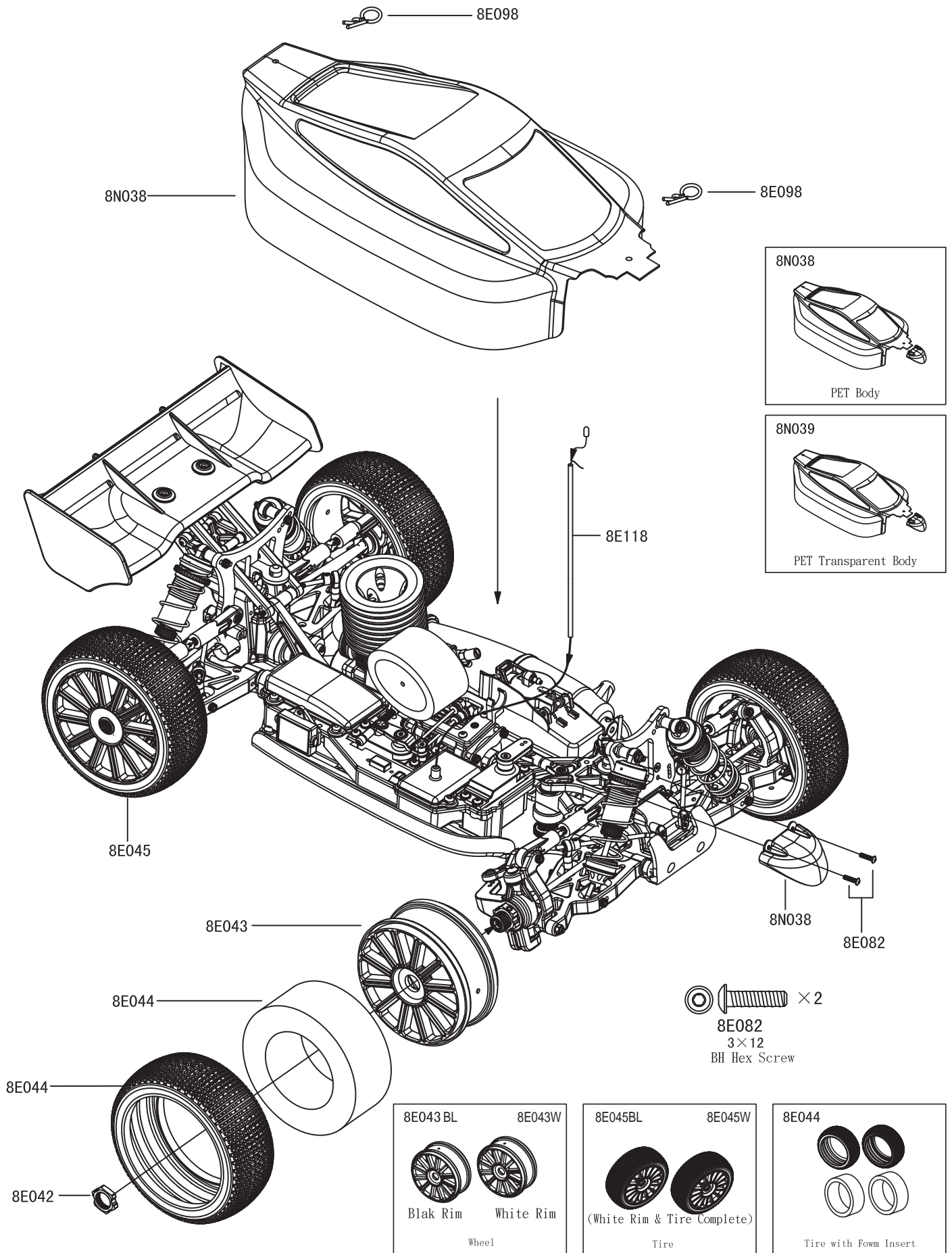
Rear Shock Absorber Assembly



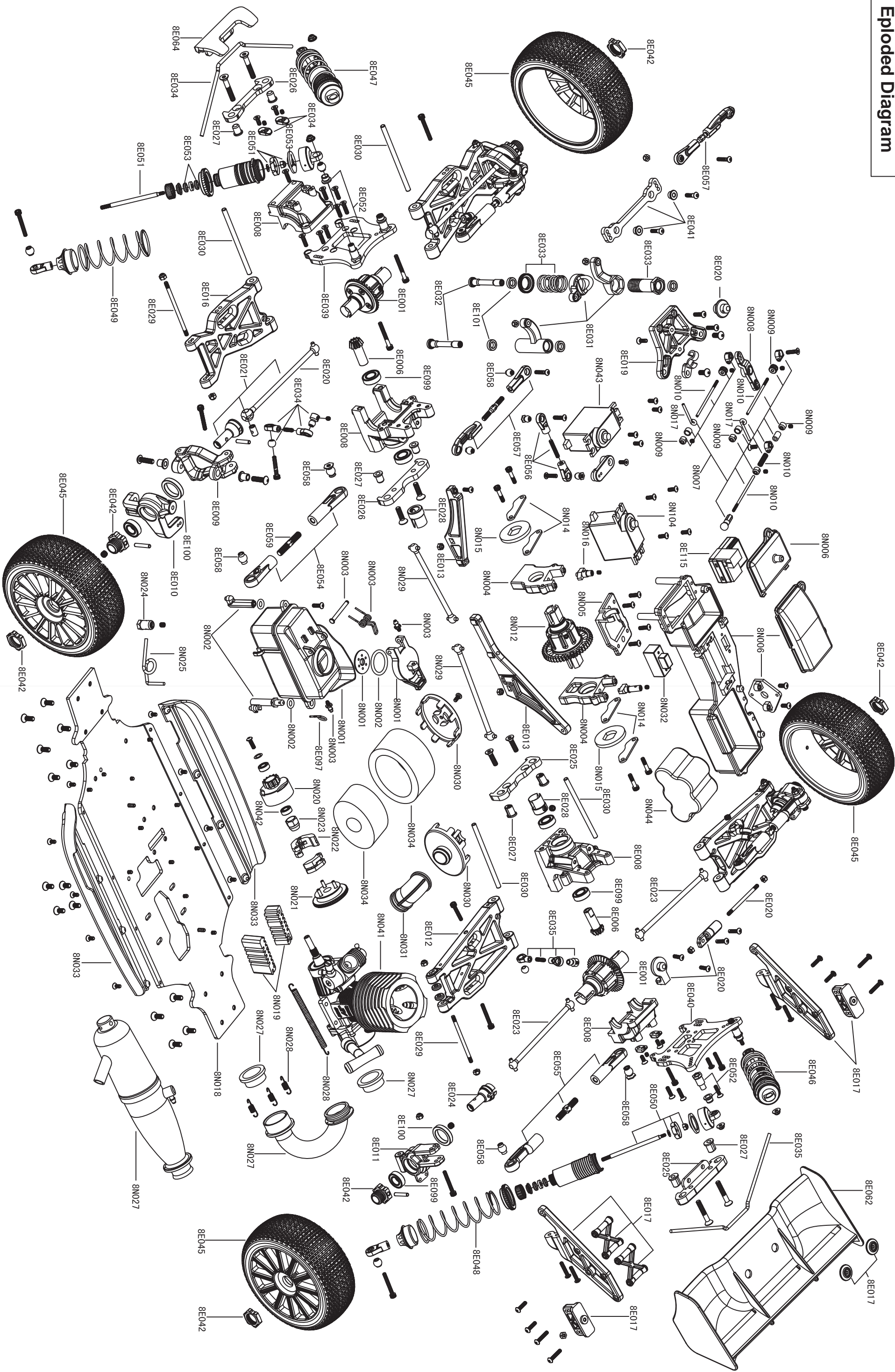
Front Shock Absorber Assembly



Tires - Car Body Assembly

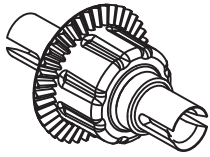


Exploded Diagram



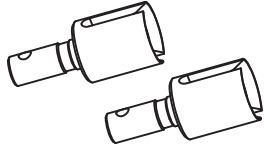
Parts List

8E001



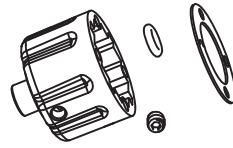
F/R Differential Gear Set

8E002



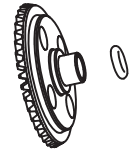
F/R Diff. Outdrive

8E003



Differential Case

8E004



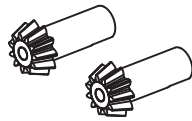
F/R Ring Gear 38T

8E005



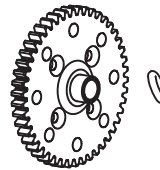
Differential Bevel Gear

8E006



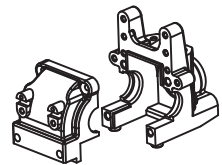
Pinion Gear

8E007



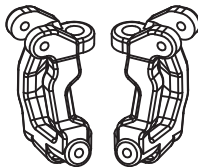
Center Diff Spur Gear 44T

8E008



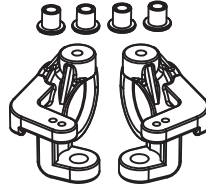
Gear Box

8E009



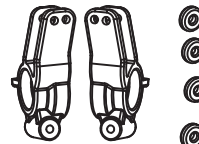
C Hub Set

8E010



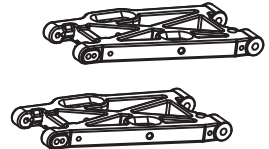
Kuncle Arm Set

8E011



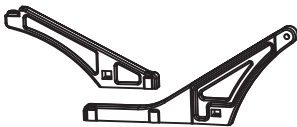
Rear Hub Set

8E012



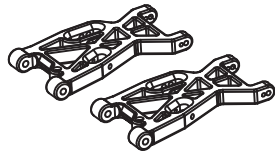
Rear Lower Suspension Arm

8E013



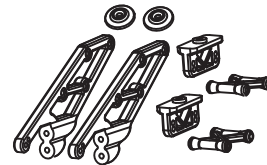
F/R Torque Rod

8E016



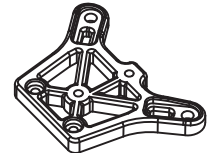
Front Lower Suspension Arm

8E017



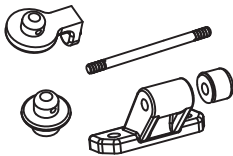
Wing Stay

8E019



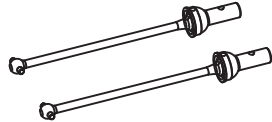
Front Upper Suspension Plate

8E020



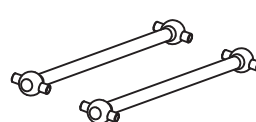
Front Body Mount

8E021



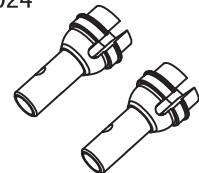
Front CVD

8E023



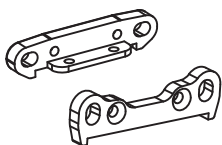
Rear Drive Shaft(106.8)

8E024



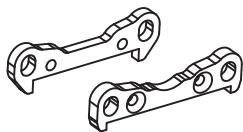
Wheel Axle

8E025



Rear Suspension Hinge Pin Holder

8E026



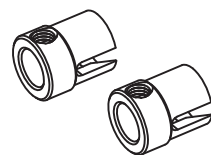
Front Suspension Hinge Pin Holder

8E027



Bush Adjuster

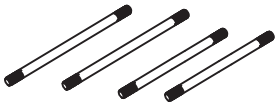
8E028



Drive Cup

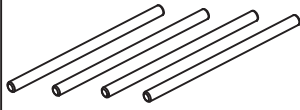
Parts List

8E029



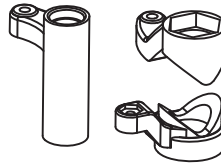
Lower Hinge Pin (F58.5 R52)

8E030



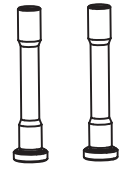
Lower Hinge Pin (71.3)

8E031



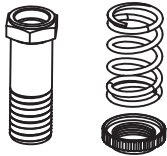
Servo Saver Arm Front

8E032



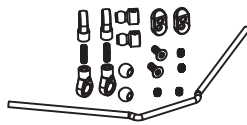
Steering Shaft

8E033



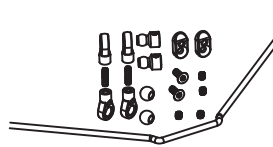
Servo Saver Housing Set

8E034



Front Sway Bar

8E035



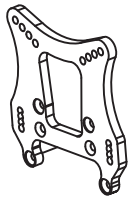
Rear Sway Bar

8E041



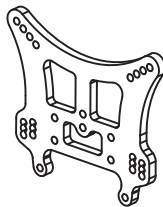
Steering Plate

8E039



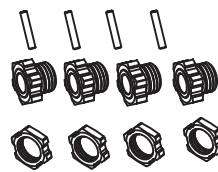
Front Shock Tower

8E040



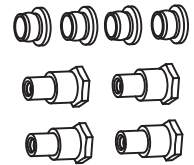
Rear Shock Tower

8E042



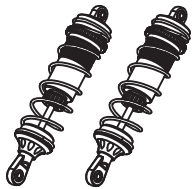
Wheel Hub

8E052



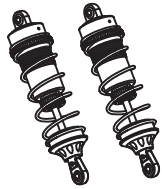
Shock Mount

8E046



Rear Shock Absorber

8E047



Front Shock Absorber

8E048



Rear Shock Absorber Spring

8E049



Front Shock Absorber Spring

8E050



Rear Shock Shaft (66.5)

8E051



Front Shock Shaft (59.5)

8E053



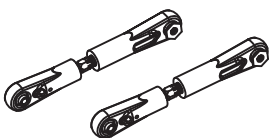
Shock O Ring

8E058



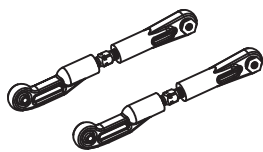
Ball Head

8E054



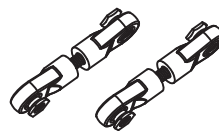
Front Upper Steering Linkage

8E055



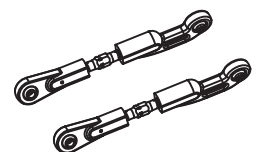
Rear Upper Steering Linkage

8E056



Servo Steering Linkage

8E057



Steering Linkage

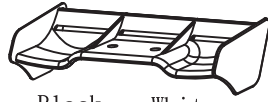
Parts List

8E059



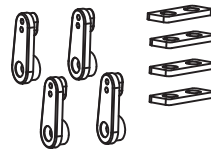
Turnbuckle

8E062BLK 8E062W



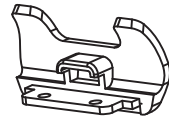
Black White
Tail Wing

8E063



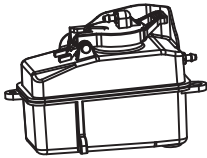
Servo Arm

8E064



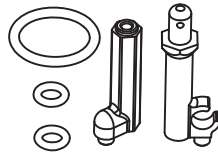
Front Bumper

8N001



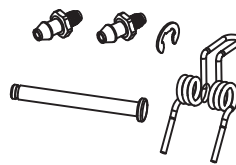
Fuel Tank

8N002



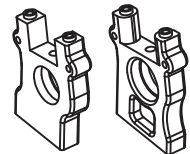
Fuel tank Post

8N003



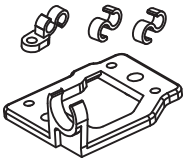
Fuel tank Pin and Sprout Set

8N004



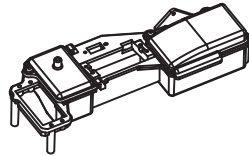
Center Differential Mount

8N005



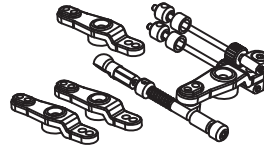
Center Diff. Support Plate

8N006



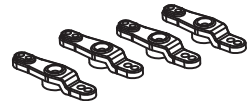
Battery and Receiver Box

8N007



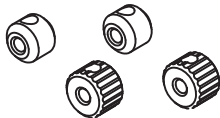
Steering and Brake Set

8N008



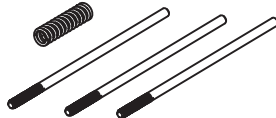
Servo Arms Long

8N009



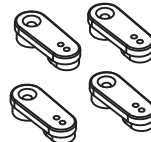
Stopper

8N010



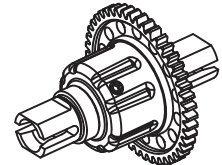
Brake Rod Set

8N011



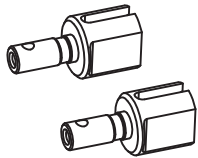
Servo Arms Short

8N012



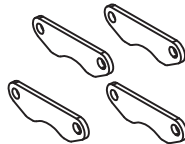
Center Differential Gear Set

8N013



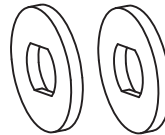
Center Diff. Out Drive

8N014



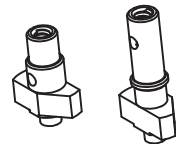
Brake Pad

8N015



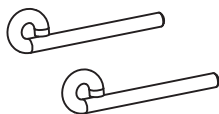
Brake Disc

8N016



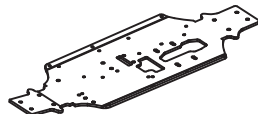
Brake Cam

8N017



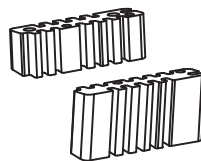
Brake Linkage

8N018



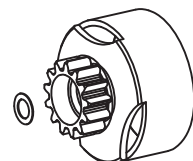
Chassis

8N019



Engine Mount

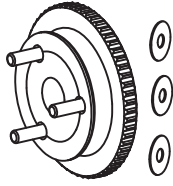
8N020



Clutch Bell

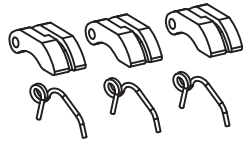
Parts List

8N021



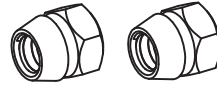
Engine Flywheel

8N022



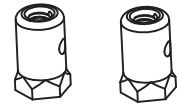
Clutch Set

8N023



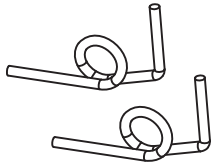
Clutch Nut

8N024



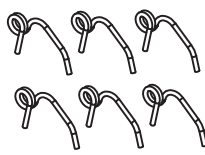
Exhaust Pipe Holder

8N025



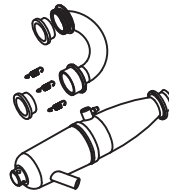
Exhaust Pipe Holder Spring

8N026



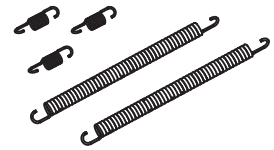
Clutch Spring

8N027



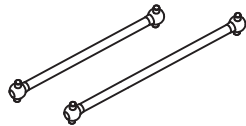
Exhaust Pipe

8N028



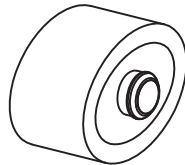
Exhaust Pipe Spring

8N029



Front and Rear Drive Shaft

8N030



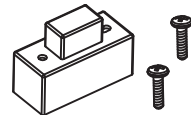
Air Filter set

8N031



Filter Joint

8N032



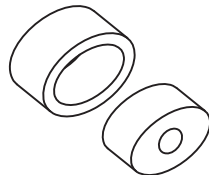
On/Off Switch Set

8N033



Side Guard Set

8N034



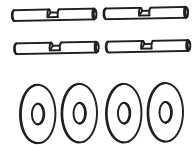
Filter Sponge

8N035



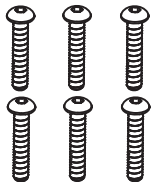
Exhaust Pipe

8E067



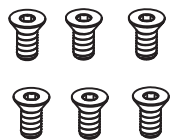
Differential Pin 3×24

8E068



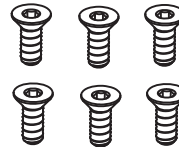
Button Head Screws 4×26

8E069



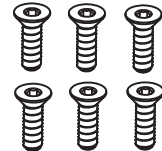
Flat Head Screws 4×8

8E070



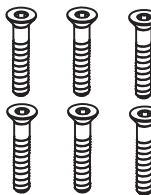
Flat Head Screws 4×12

8E071



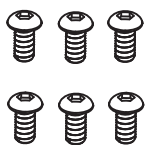
Flat Head Screws 4×16

8E072



Flat Head Screws 4×26

8E073



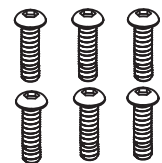
Button Head Screws 4×10

8E074



Button Head Screws 4×12

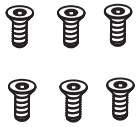
8E075



Button Head Screws 4×14

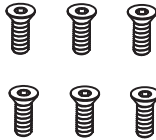
Parts List

8E076



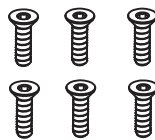
Flat Head Screws 3×8

8E077



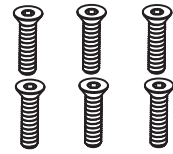
Flat Head Screws 3×10

8E078



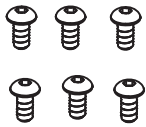
Flat Head Screws 3×12

8E079



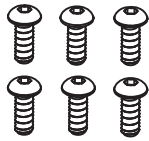
Flat Head Screws 3×14

8E080



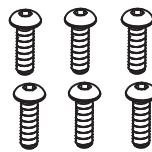
Button Head Screws 3×8

8E081



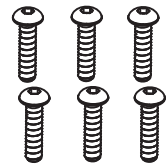
Button Head Screws 3×10

8E082



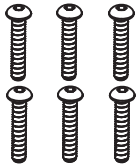
Button Head Screws 3×12

8E083



Button Head Screws 3×14

8E084



Button Head Screws 3×16

8E085



Cap Screws 3×12

8E086



Cap Screws 3×18

8E087



Cap Screws 3×24

8E088



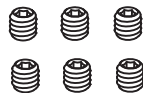
Cap Screws 3×26

8E089



M3×3 Headless Socket Screws

8E090



M4×4 Headless Socket Screws

8E091



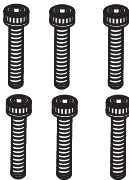
M5×4 Headless Socket Screws

8E092



M3×10 Headless Socket Screws

8E093



Cap Screws 3×16

8E094



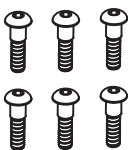
TM3 Locknut

8E095



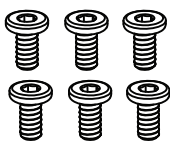
M3 Locknut

8E096



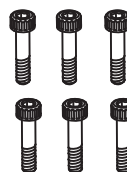
Button Head Screws 3×13.5

8N048



Flat Head Screws 4×8

8N036



Cap Screws 3×14

8N037



Cap Screws 3×8

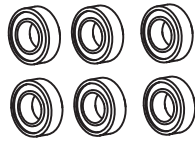
Parts List

8N042



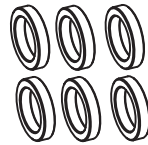
10×5×4 Bearings

8E099



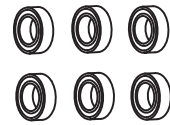
16×8×5 Bearings

8E100



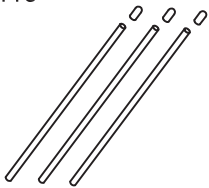
21×15×4 Bearings

8E101



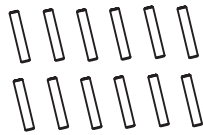
10×6×3 Bearings

8E118



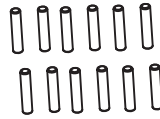
Antenna Pipe

8E119



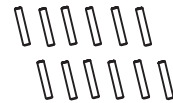
Pins 3×17

8E120



Pins 2.5×15

8E121



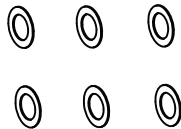
Pins 2.5×11

8E122



M3×20 Headless Socket Screws

8N047



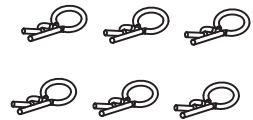
8×3.2×0.5 Washers

8E097



Small Body Clips

8E098



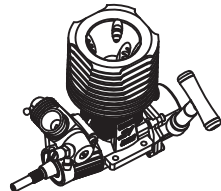
Big Body Clips

8N040



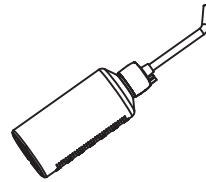
Glow Plug Ignitor

8N041



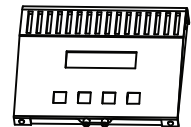
.21 CXP Nitro Engine

8N045



Fuel Bottle

8N046



Battery Charger

8N044



Receiver Battery

8E114



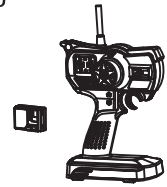
2.4G Radio Control Set

8E115



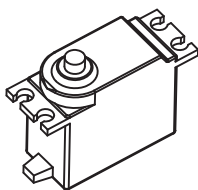
2.4G 3 Channel Receiver

8E116



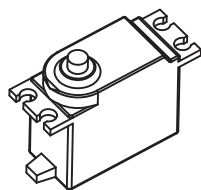
2.4G Radio Control Set and
2.4G 3 Channel Receiver

8N043



6KG Servo

8E104



9KG Servo

8E001	F/R Diff Gear Set	2	8E041	Steering Plate	1
8E002	F/R Diff Outdrive	6	8E042	Wheel Hub	4
8E003	Diff Case	3	8E043	Rims For Buggy	4
8E004	F/R Ring Gear (38T)	2	8E044	Tire w/Foam Insert For Buggy	4
8E005	Diff Bevel Gear	6	8E045	Tire & Rim Complete For Buggy	4
8E006	Pinion Gear (11T)	2	8E046	Rear Shock Absorber	2
8E007	Center Diff Spur Gear (44T)	1	8E047	Front Shock Absorber	2
8E008	Gear Box	2	8E048	Rear Shock Absorber Spring	2
8E009	C Hub Set	2	8E049	Front Shock Absorber Spring	2
8E010	Knuckle Arm Set	2	8E050	66.5mm Rear Shock Shaft	2
8E011	Knuckle Arm Set	2	8E051	59.5mm Front Shock Shaft	2
8E012	Rear Lower Susp Arm	2	8E052	Shock Mount	4
8E013	F/R Tension Rod	1	8E053	Shock O Ring	4
8E016	Front Lower Susp Arm	2	8E054	Front Upper Steering Linkage	2
8E017	Wing Stay	2	8E055	Rear Upper Steering Linkage	2
8E019	Front Upper Susp Plate	1	8E056	Servo Steering Linkage	1
8E020	Front Body Mount	1	8E057	Steering Linkage	2
8E021	Front CVD	2	8E058	Ball Head	4
8E023	106.8mm Rear Drive Shaft	2	8E059	Turnbuckle	2
8E024	Wheel Axle	2	8E062	Tail Wing For Buggy	1
8E025	Rear Susp Hinge Pin Holder	1	8E064	Front Bumper For Buggy	1
8E026	Front Susp Hinge Pin Holder	1	8N001	Fuel Tank	1
8E027	Bush Adjuster	8	8N002	Fuel tank Post	1
8E028	Drive Cup	2	8N003	Fuel tank Pin and Sprout Set	1
8E029	Lower Hinge Pin (F58.5Mm;R52Mm)	2	8N004	Center Differential Mount	1
8E030	71.3mm Lower Hinge Pin	4	8N005	Center Diff. Support Plate	1
8E031	Servo Saver Arm Front	1	8N006	Battery and Receiver Box	1
8E032	Steering Shaft	2	8N007	Steering and Brake Set	1
8E033	Servo Saver Housing Set	1	8N008	Servo Arms Long	1
8E034	Front Sway Bar	1	8N009	Stopper	3
8E035	Rear Sway Bar	1	8N010	Brake Rod set	3
8E040	Rear Shock Tower	1	8N011	Servo Arms Short	1

Spare parts List

8N012	Center Differential Gear Set	1		8E091	M5*4 Headless Socket Screws	6
8N013	Center Diff. Out Drive	2		8E092	M3*10 Headless Socket Screws	4
8N014	Brake Pad	4		8E093	3*16 Cap Screws	4
8N015	Brake Dis	2		8E094	TM3 Locknut	4
8N016	Brake Cam	1		8E095	M3 Locknut	13
8N017	Brake Linkage	2		8E096	3*13.5 Button Head Screws	2
8N018	Chassis	1		8E097	Body Clips (Small)	2
8N019	Engine Mount	1		8E098	Body Clips (Big)	2
8N020	Clutch Bell	1		8E099	Ball Bearing 8*16*5Mm	14
8N021	Engine Flywheel	1		8E100	Ball Bearing 15*21*4Mm	4
8N022	Clutch Set	3		8E101	Ball Bearing 6*10*3Mm	4
8N023	Clutch Nut	1		8E104	9KG Throttle Servo	1
8N024	Exhaust Pipe Holder	1		8E114	2.4G Radio Control TX	1
8N025	Exhaust Pipe Holder Spring	1		8E115	2.4G 3-Channel Receiver	1
8N026	Clutch Spring	3		8E116	2.4G Radio Control Set & 3-Channel Receiver	1
8N027	Exhaust Pipe	1		8E118	Antenna Pipe	1
8N028	Exhaust Pipe Spring	1		8E119	3*17mm Pins	4
8N029	Front and Rear Drive Shaft	1		8E120	3*15mm Pins	2
8N030	Air Filter set	1		8E121	2.5*11Mm Pins	6
8N031	Filter Joint	1		8E122	M3*20 Headless Socket Screws	1
8N032	On/Off Switch Set	1		8N037	3*8 Cap Screws	1
8N033	Side Guard Set	1		8N038	PET Body	1
8N034	Filter Sponge	1		8N039	PET Transparent Body	1
8N035	Exhaust Pipe	1		8N040	Glow Plug Ignitor	1
8N036	3*14 Cap Screws	4		8N041	.21 CXP Nitro Engine	1
8E067	3*24 Diff Pin	6		8N042	10*5*4 Bearings	6
8E068	4*26 Button Head Screws	2		8N043	6KG Servo	1
8E069	4*8 Flat Head Screws	2		8N044	Receiver Battery	1
8E070	4*14 Flat Head Screws	10		8N045	Fuel Bottle	1
8E071	4*16 Flat Head Screws	4		8N046	Battery Charger	1
8E072	4*26 Flat Head Screws	2		8N047	8*3. 2 *0.5 Washers	1
8E073	4*10 Button Head Screws	6		8N048	4*8 Flat Head Screws	4
8E074	4*12 Button Head Screws	2				
8E075	4*14 Button Head Screws	4				
8E076	3*8 Flat Head Screws	6				
8E077	3*10 Flat Head Screws	18				
8E078	3*12 Flat Head Screws	13				
8E079	3*14 Flat Head Screws	3				
8E080	3*8 Button Head Screws	4				
8E081	3*10 Button Head Screws	18				
8E082	3*12 Button Head Screws	16				
8E083	3*14 Button Head Screws	4				
8E084	3*16 Button Head Screws	8				
8E085	3*12 Cap Screws	6				
8E086	3*18 Cap Screws	4				
8E087	3*24 Cap Screws	8				
8E088	3*26 Cap Screws	4				
8E089	M3*3 Headless Socket Screws	11				
8E090	M4*4 Headless Socket Screws	5				