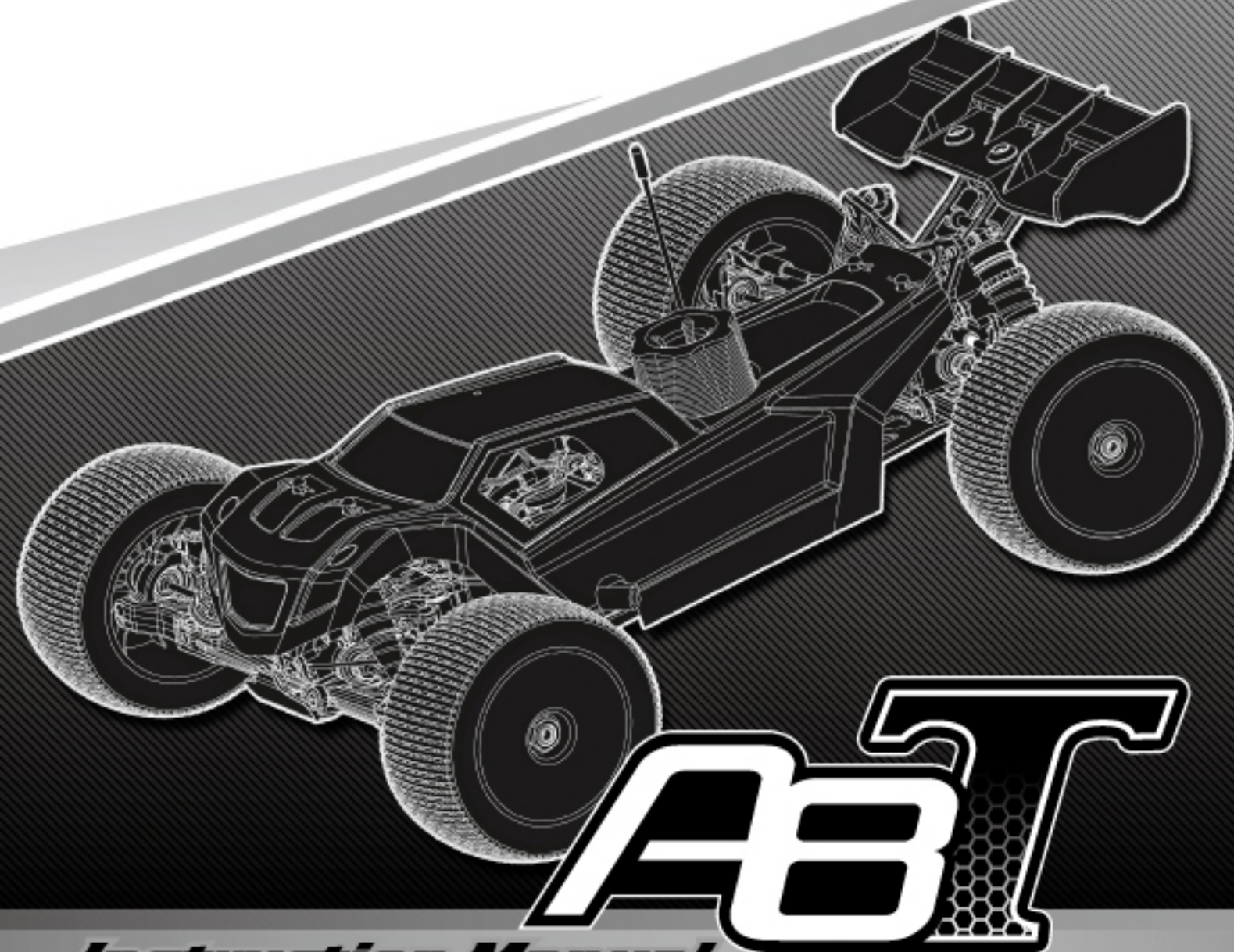




A8

Instruction Manual

**1/8 SCALE 4WD NITRO
OFFROAD TRUGGY**

Agama vehicles fit a wide range of skilled drivers. Pros and Beginners alike can experience Agama products with great results!
Agama products are designed with quality and precision in mind.

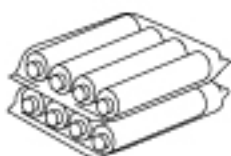
INTRODUCTION	01
CAUTION	02
BAG A	
Front Diff Installation	03
Rear Diff Installation	04
Center Diff Installation	05
BAG B	06-07
BAG C	08
BAG D	09-12
BAG E	13
BAG F	14-17
BAG G	18-19
BAG H	20-23
BAG I	
Clutch Assembly	23-24
Clutch Bell Assembly	24
Engine Mount Assembly	25
BAG J	
Servo Saver Installation	26
Steering Servo Link Assembly	26
Steering Post & Front Chassis Support Assembly	27
Steering Saver & Front Chassis Brace Assembly	27
Completed Steering Assembly	28
BAG K	28
BAG L	
Throttle/Brake Linkage Assembly	29
Completed Throttle/Brake Assembly	29
BAG M	30
CHASSIS INSTALLATION	31-37
FACTORY SETUP SHEET	38-39
PART LIST	40-42

Notice: The following items are needed for completion of the PRO KIT, They are not included with this kit (unless noted), and should be obtained from your local hobby shop.
Be sure to read the instructions completely prior to assembly.

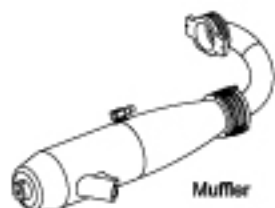
ADDITIONAL ITEMS NEEDED FOR COMPLETION



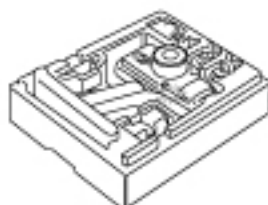
Battery For Receiver



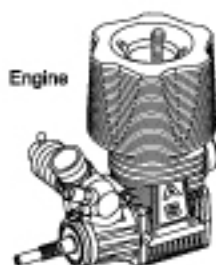
Battery For Transmitter



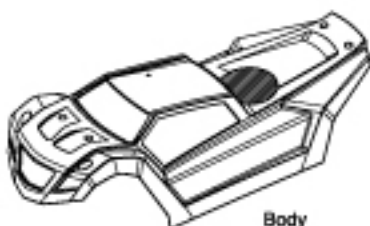
Muffler



2 Channel Radio



Engine



Body

TOOLS NEEDED TO ASSEMBLE



Hex Wrenches



Needle Nose Pliers



Phillips Type Screw Driver



Box Wrench(5.5mm / 7mm / 10mm)



Scissors



Hobby Knife



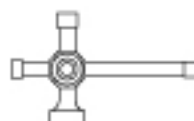
Instant Glue



Pliers



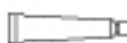
Screw (Sement)



Utility Wrench



Glass or Vinyl Tape



Rubber Glue

ADDITIONAL ITEMS NEEDED FOR STARTING



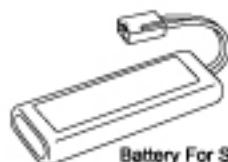
Air Filter Oil



Fuel Pump



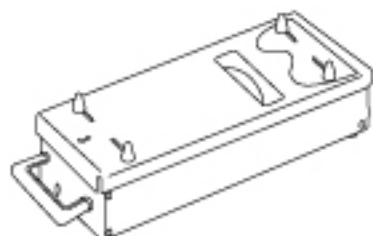
Fuel



Battery For Starter Box

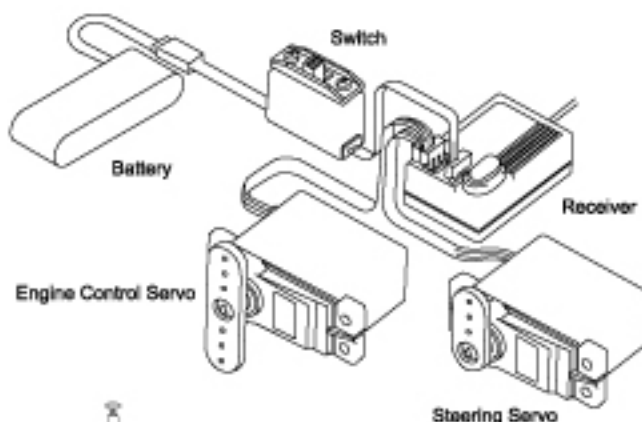


Glow Plug Ignitor



Starter Box

ITEMS NEEDED TO CONTROL CAR



Engine Control Servo

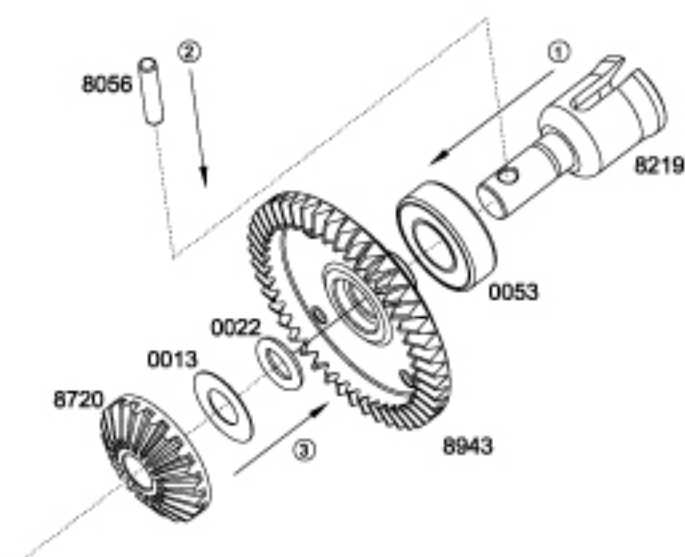
Steering Servo



Transmitter

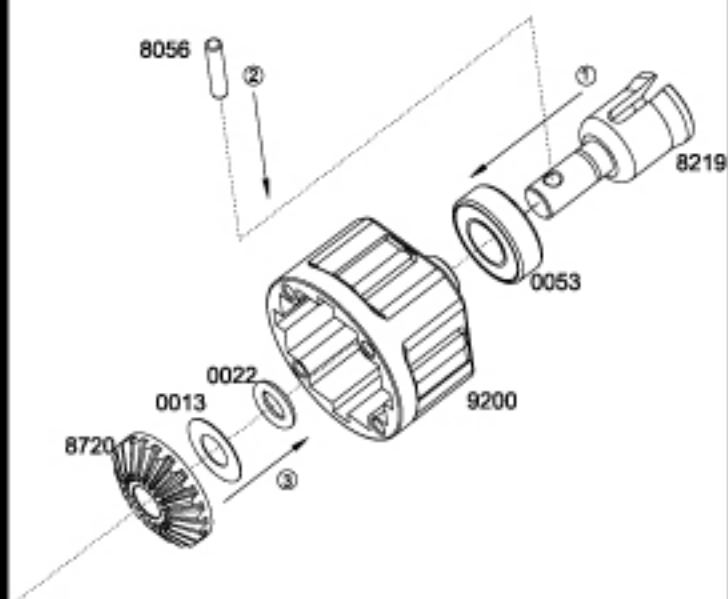
STEP A - 1

Front Diff Installation



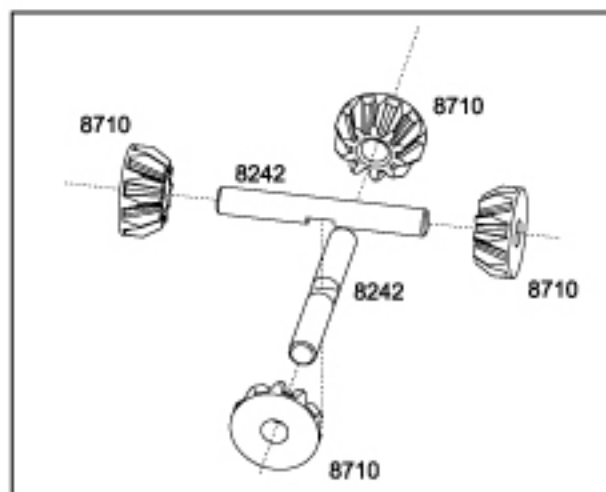
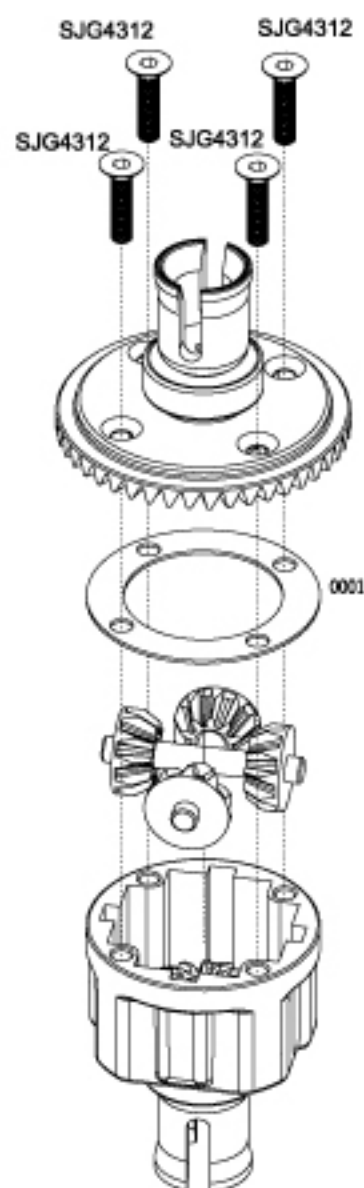
STEP A - 2

Front Diff Installation



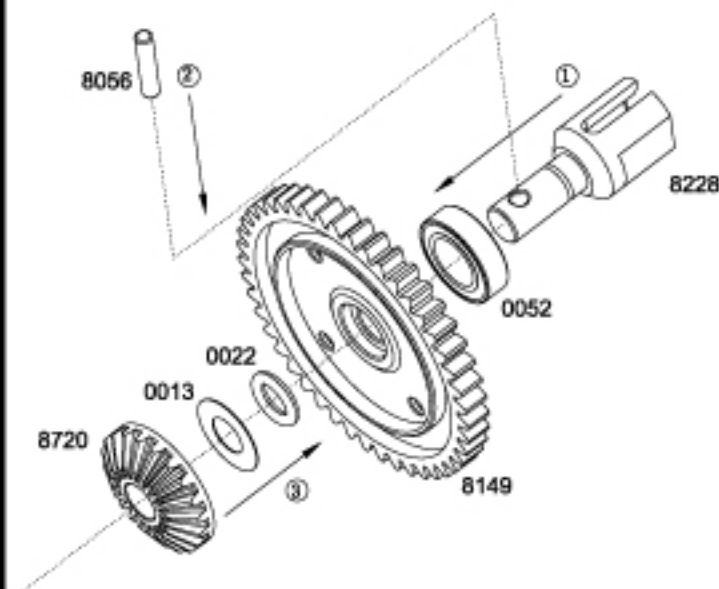
STEP A - 3

Front Diff Installation



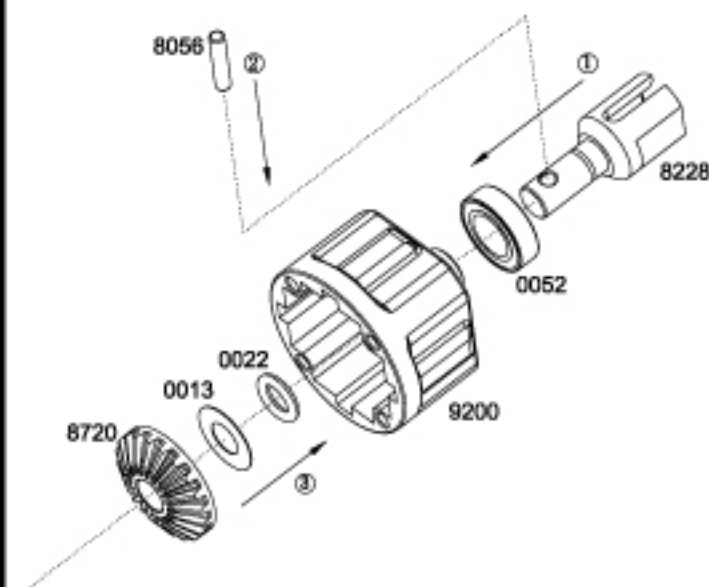
STEP A - 7

Center Diff Installation



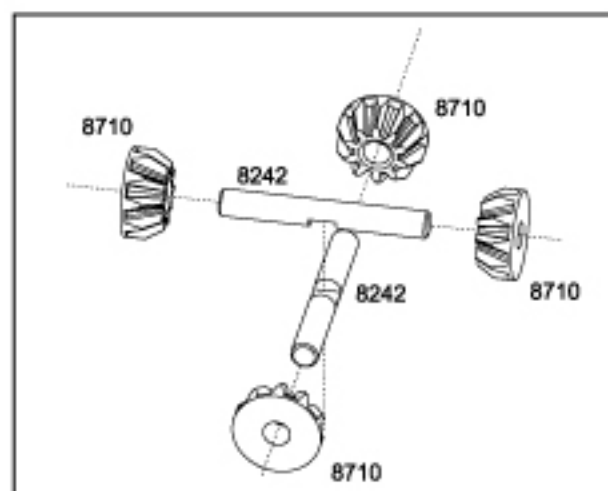
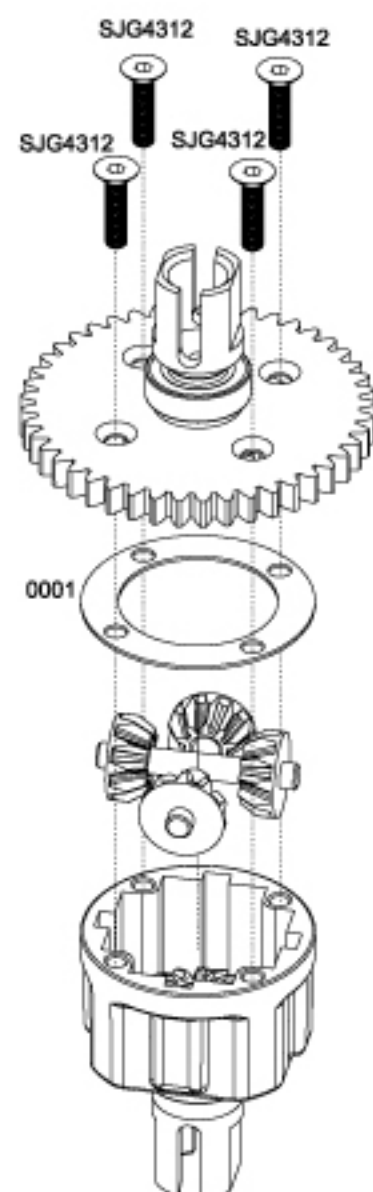
STEP A - 8

Center Diff Installation



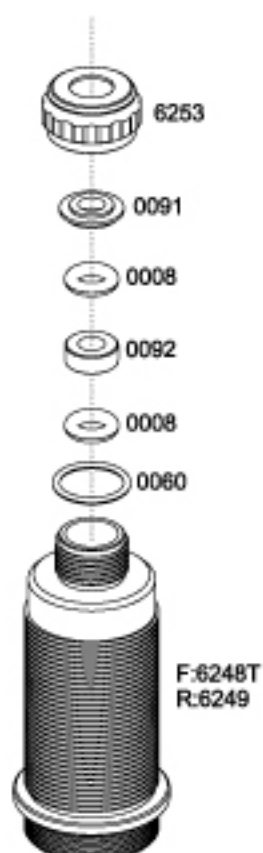
STEP A - 9

Center Diff Installation



STEP B - 1

Shock Install (Front & Rear)



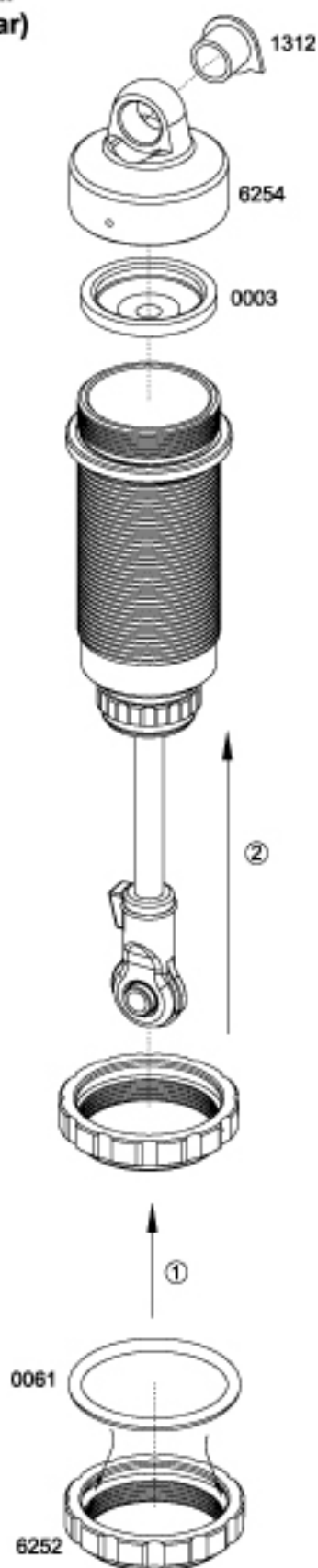
STEP B - 2

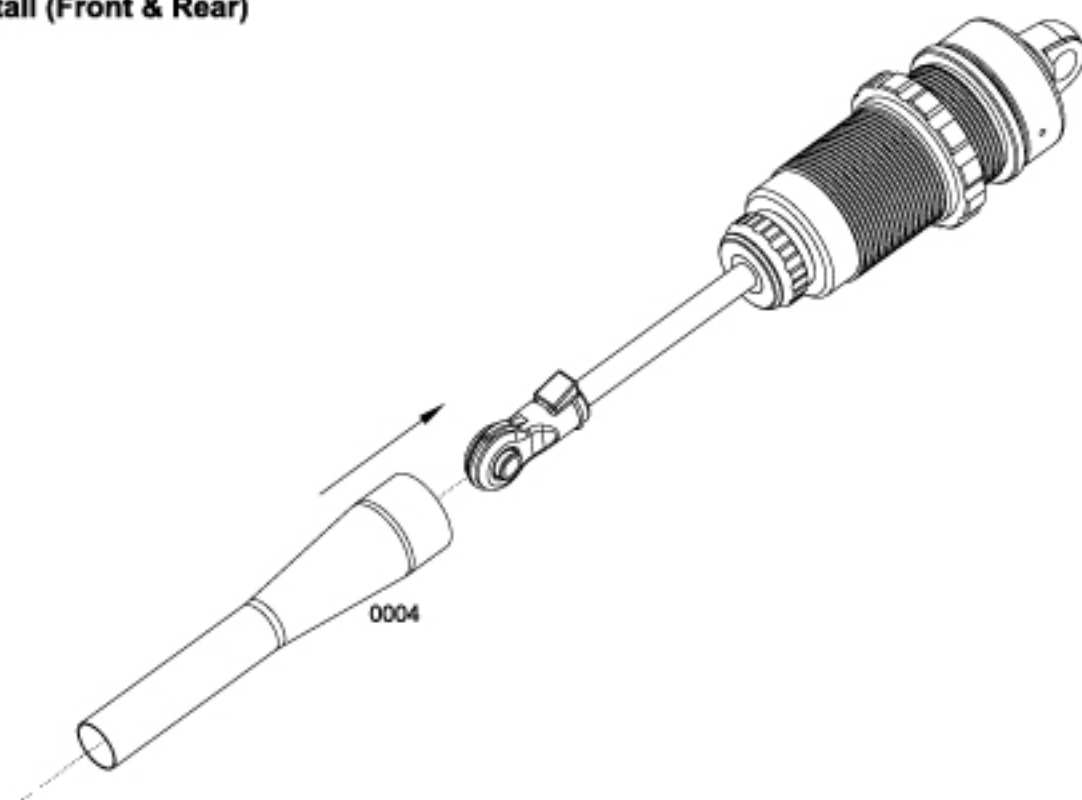
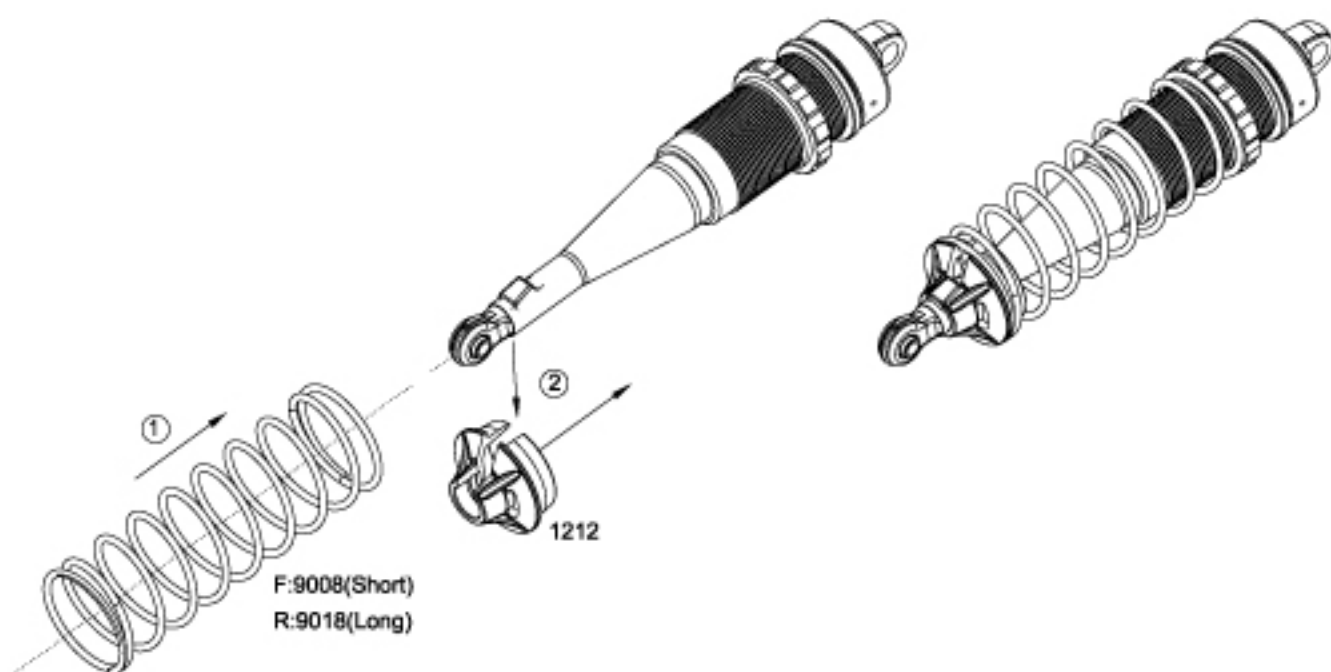
Shock Install (Front & Rear)



STEP B - 3

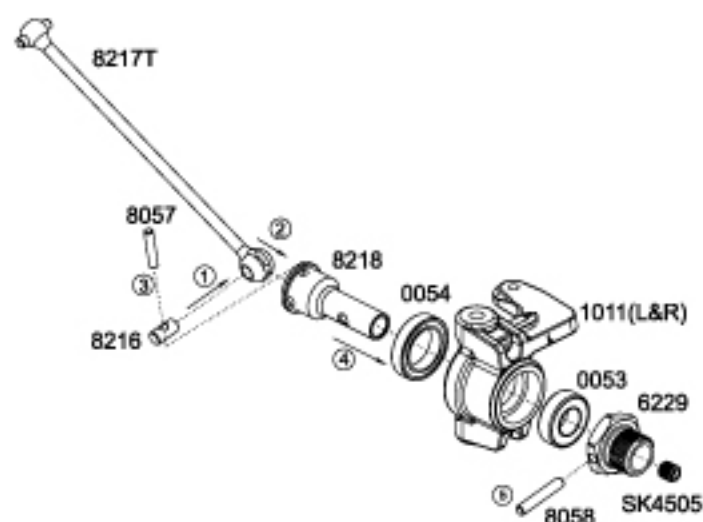
Shock Install (Front & Rear)



STEP B - 3**Shock Install (Front & Rear)****STEP B - 4****Shock Install (Front & Rear)**

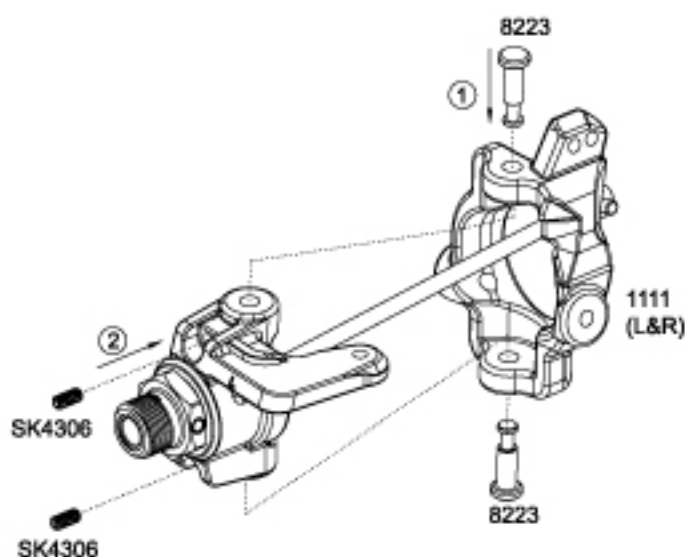
STEP C - 1

Front Spindle & CV Installation



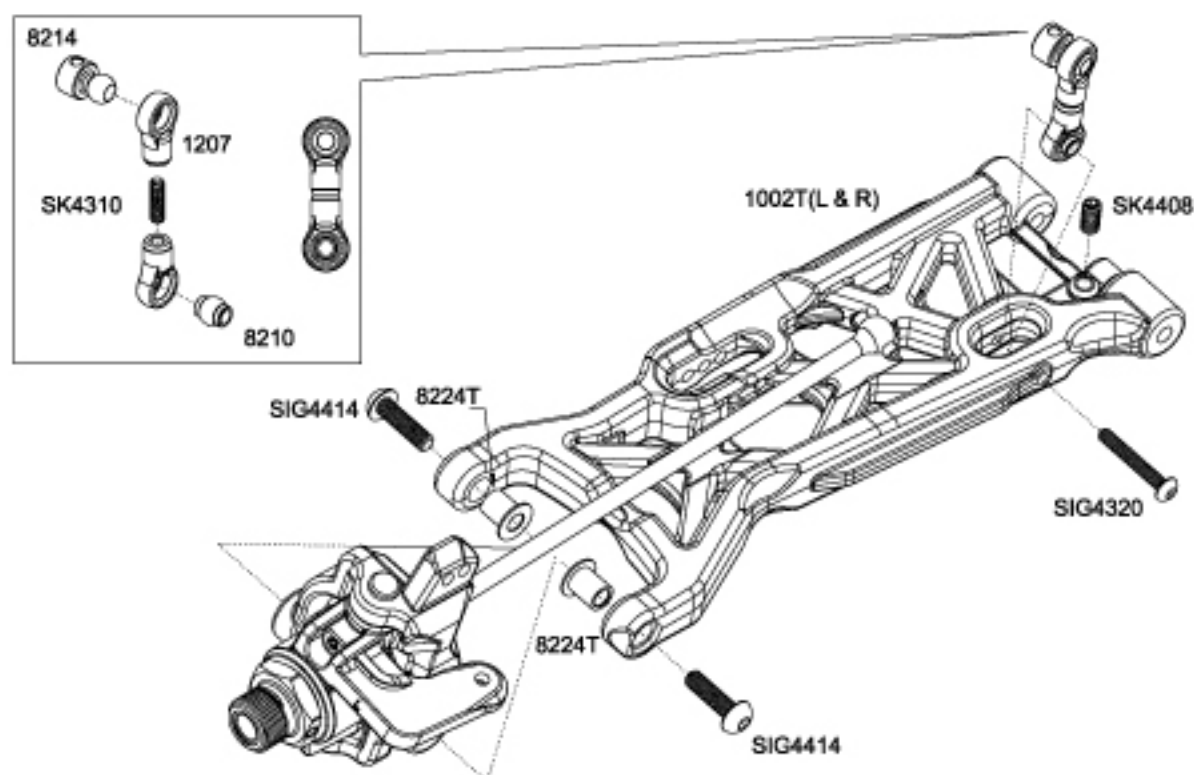
STEP C - 2

Front Spindle & CV Installation



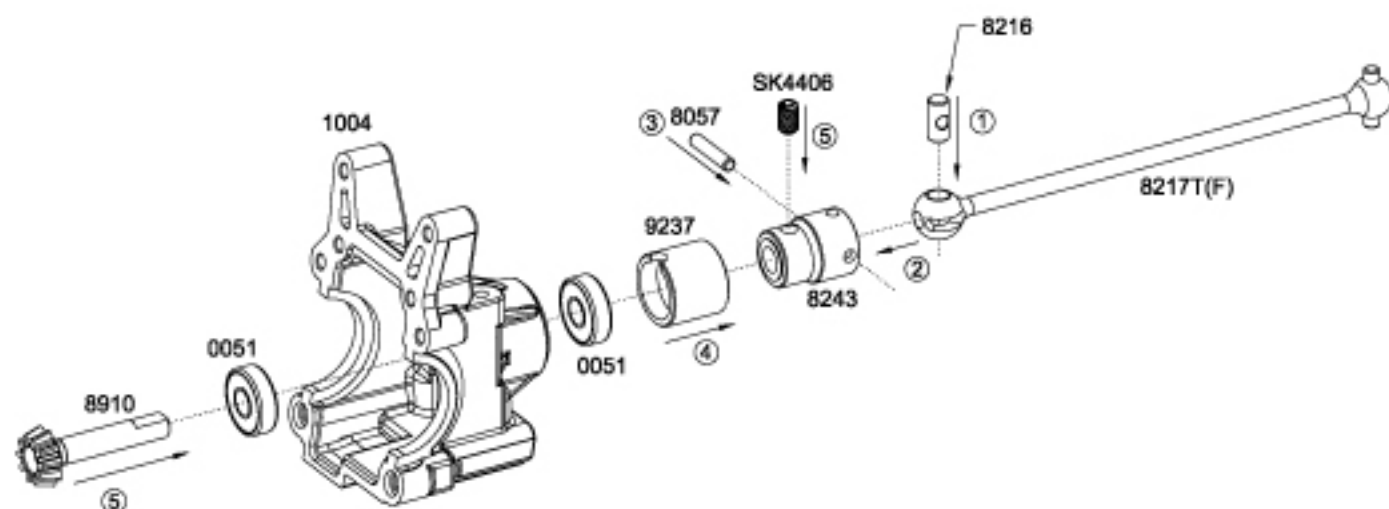
STEP C - 3

Front Spindle & CV Installation



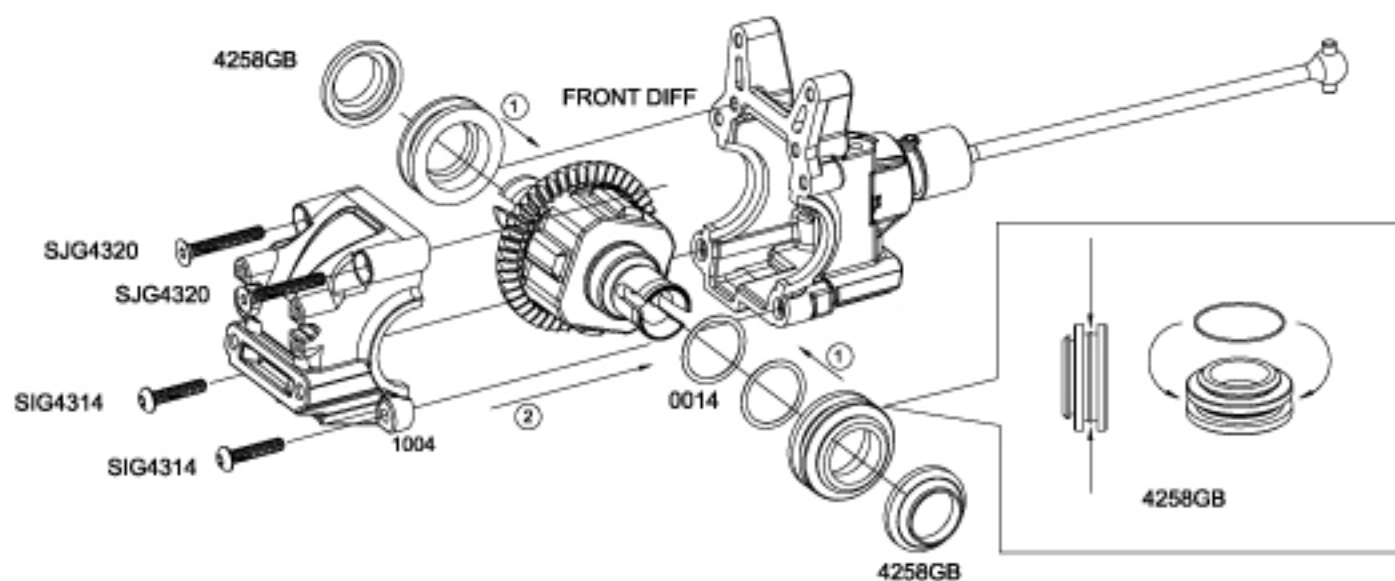
STEP D - 1

Front End Installation



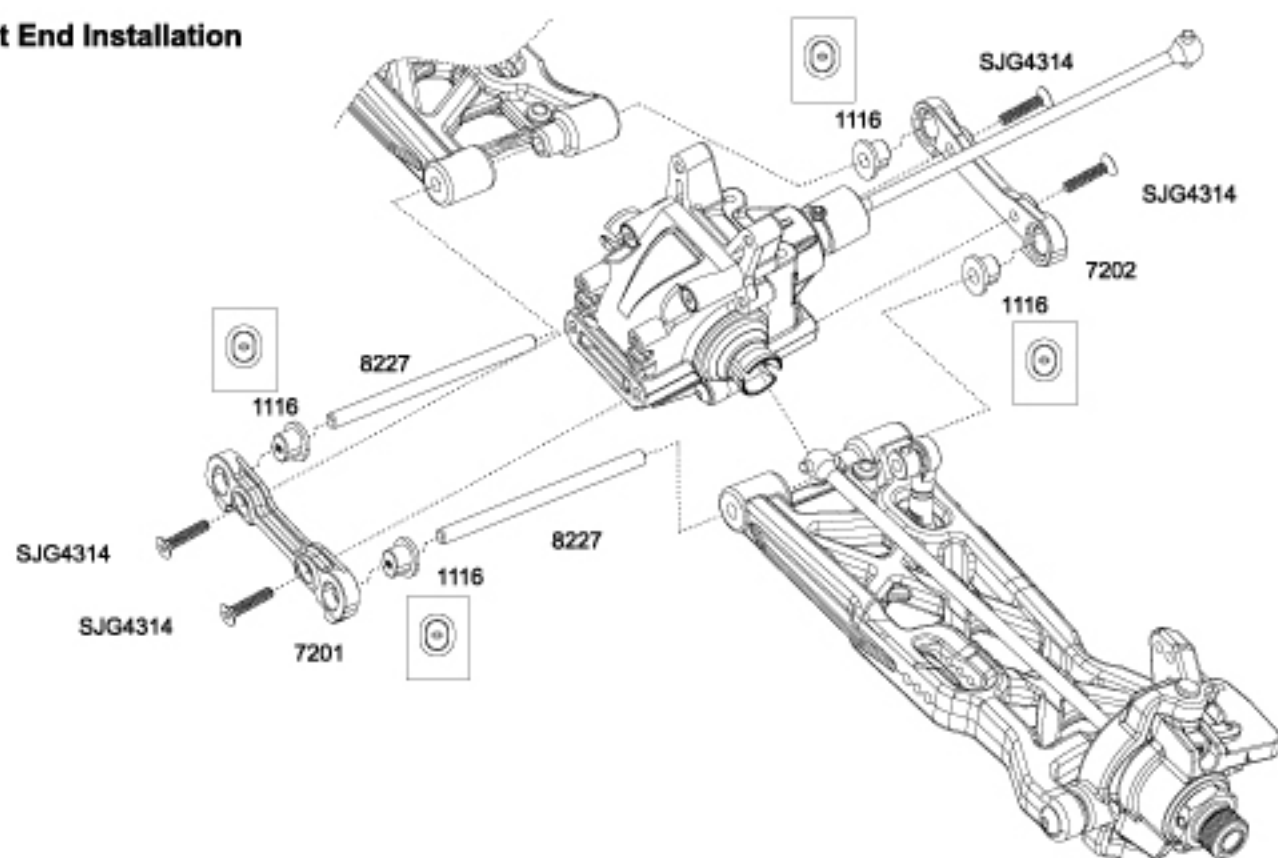
STEP D - 2

Front End Installation



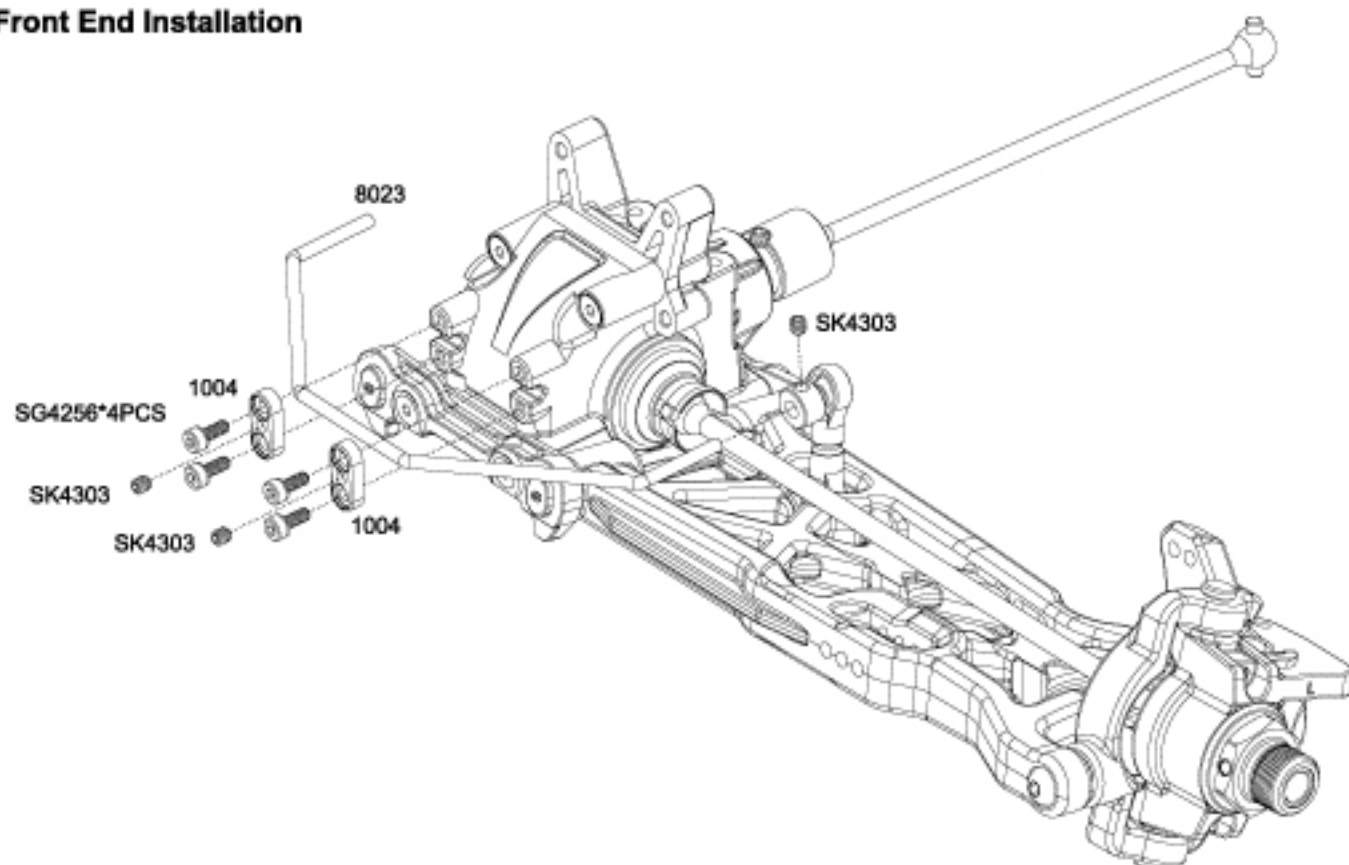
STEP D - 3

Front End Installation



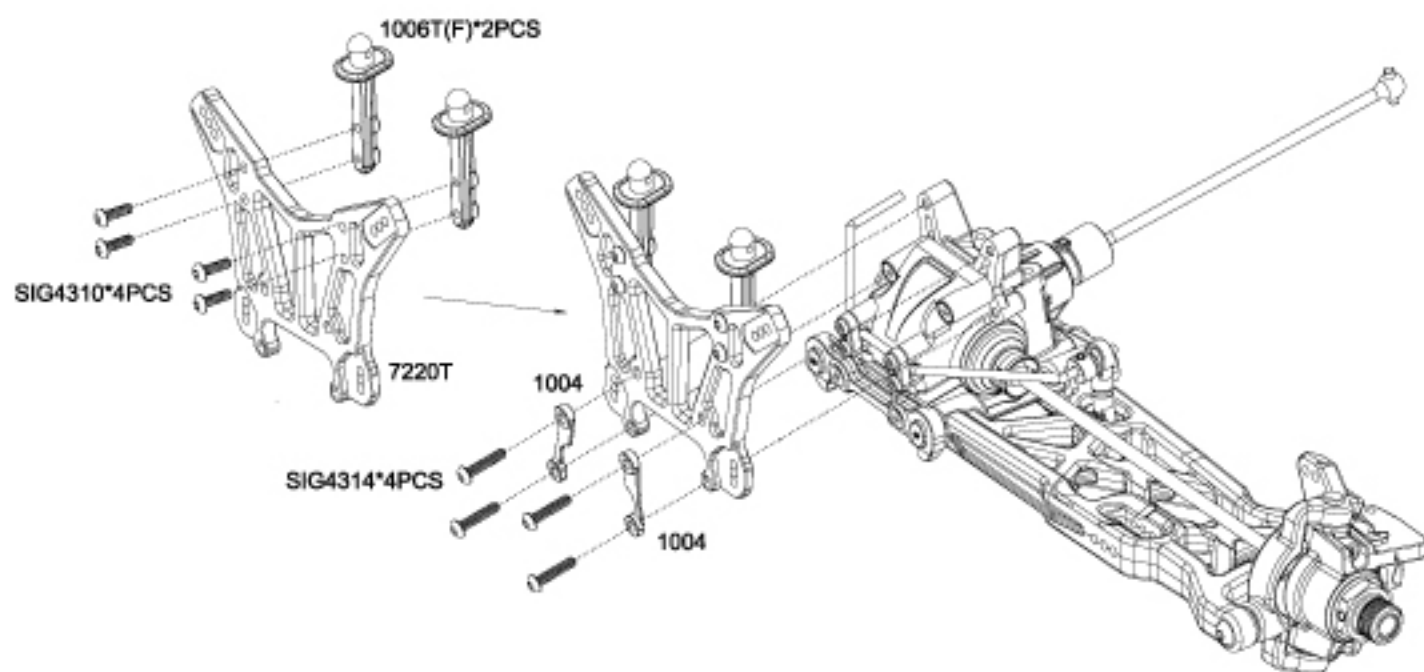
STEP D - 4

Front End Installation



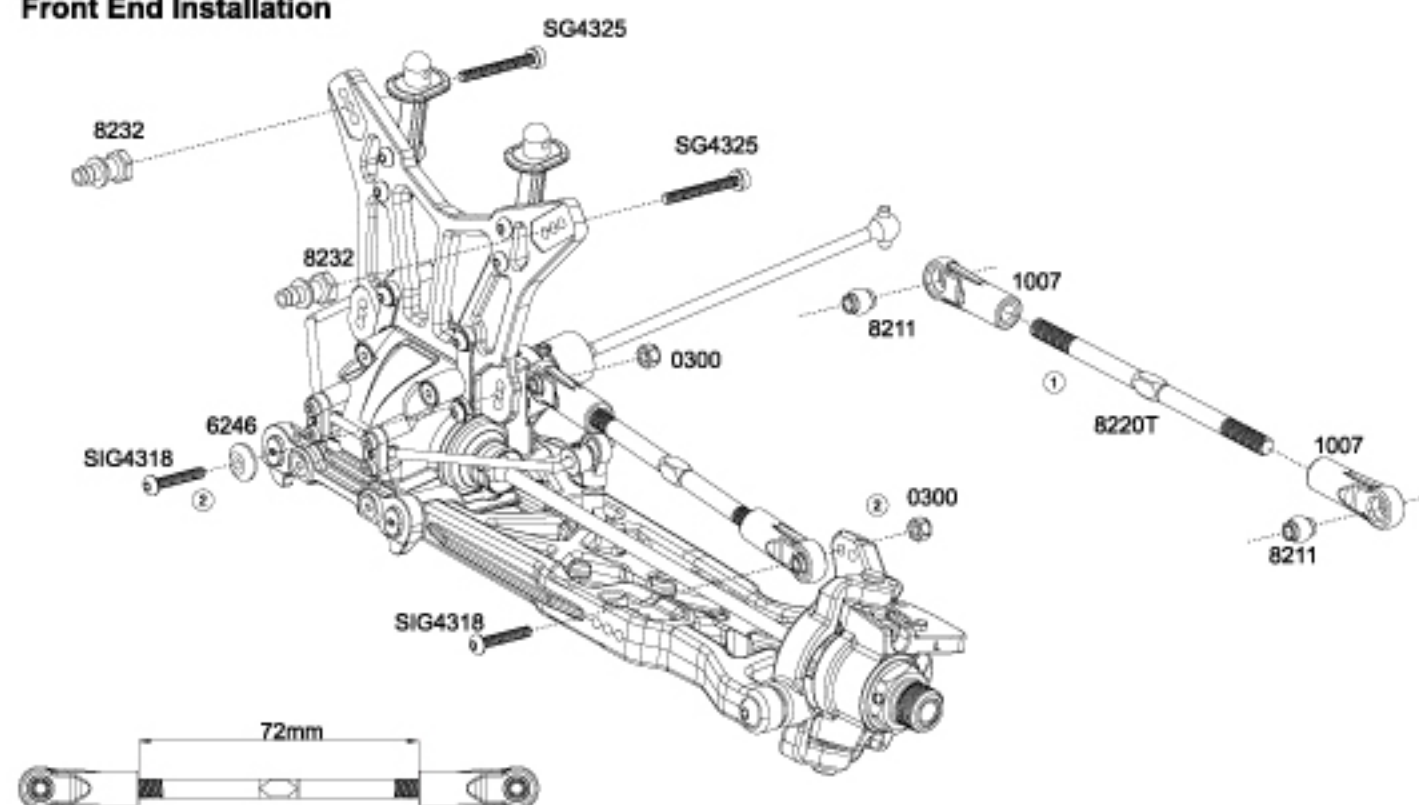
STEP D - 5

Front End Installation



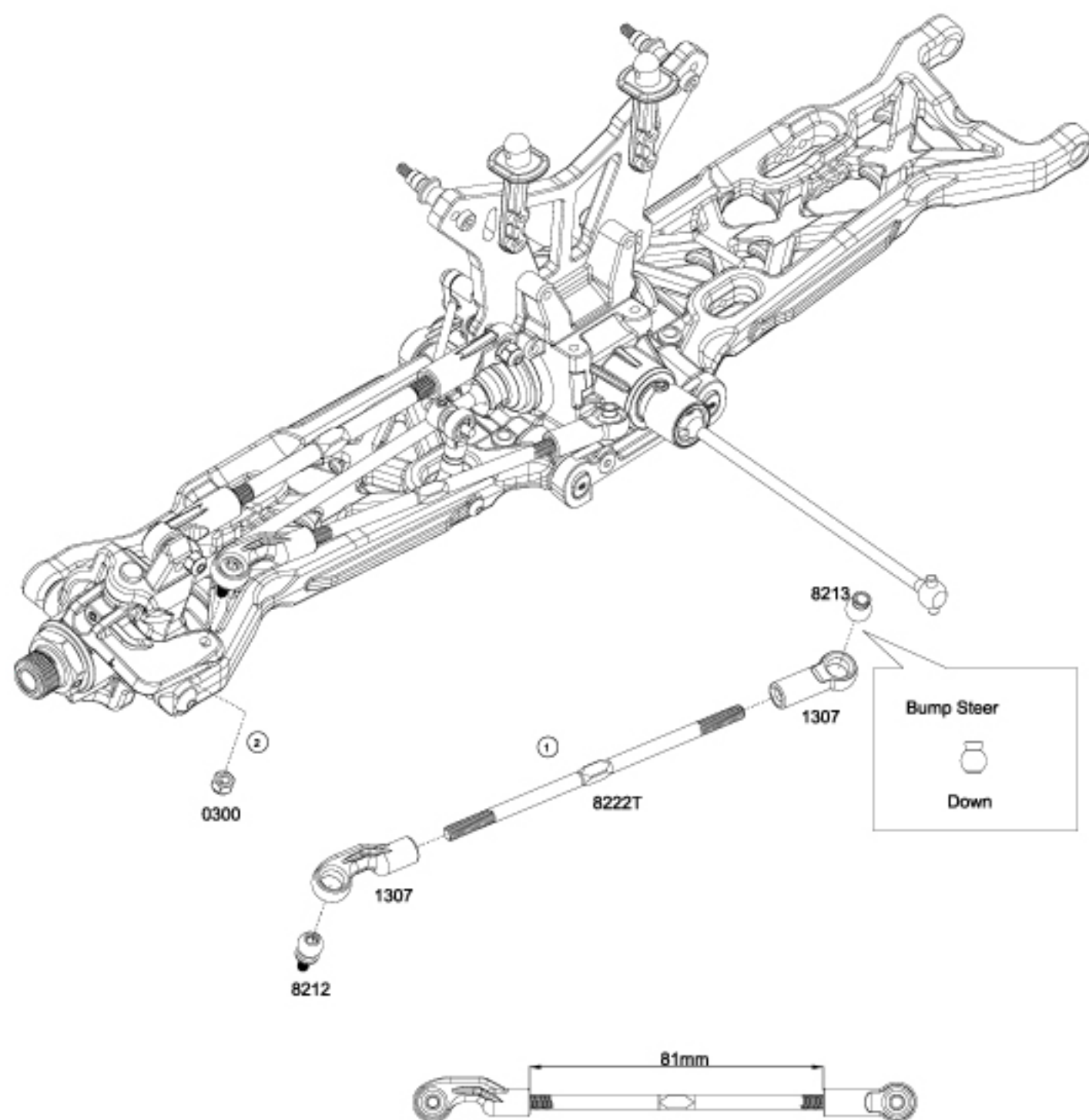
STEP D - 6

Front End Installation



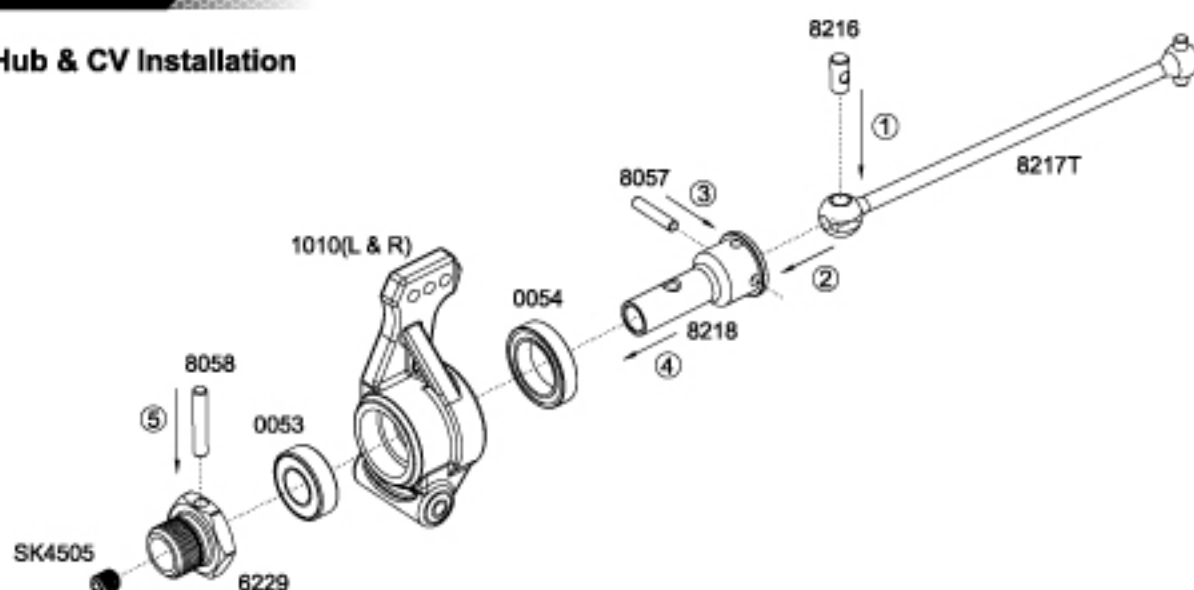
STEP D-7

Front End Installation



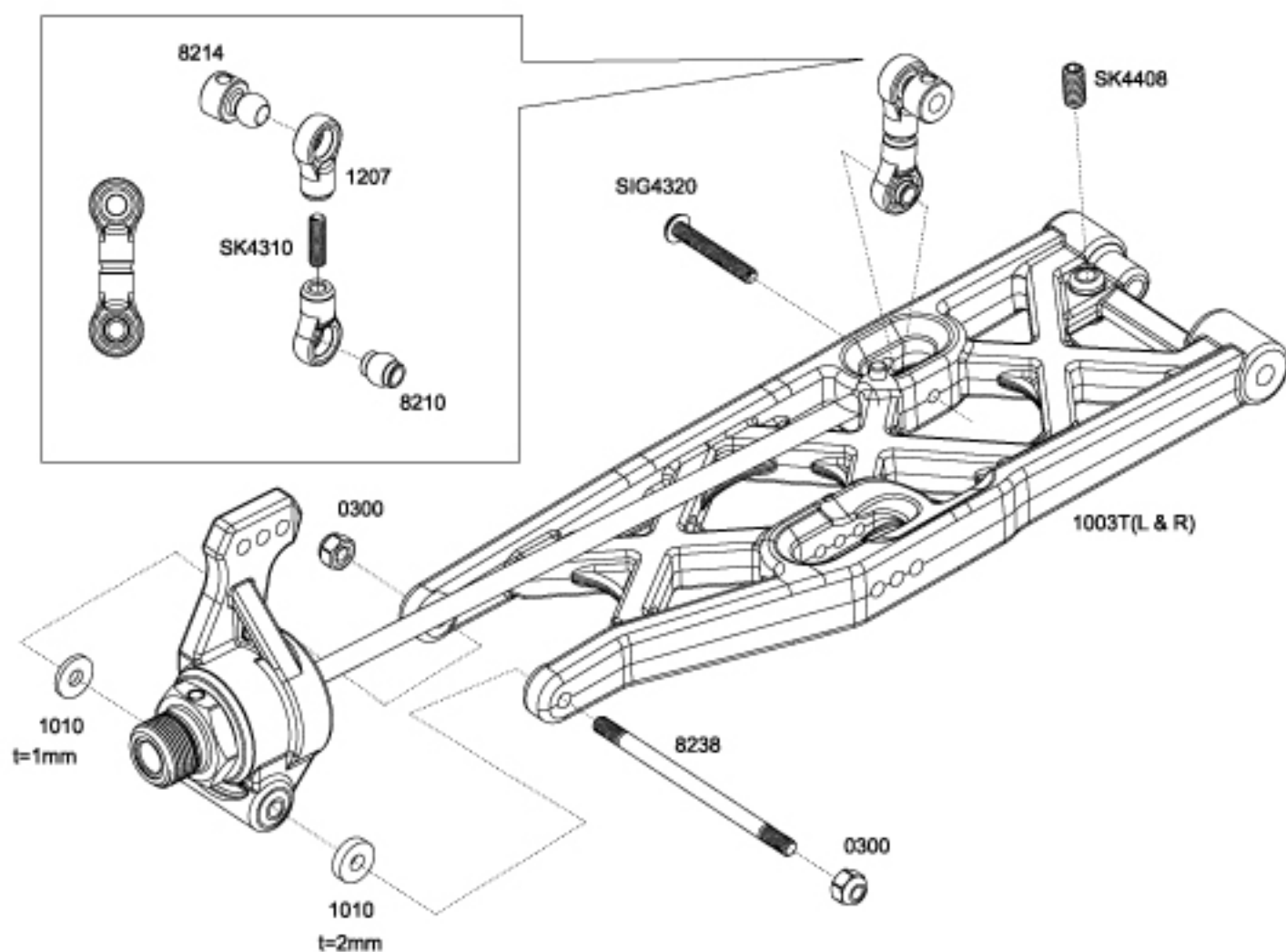
STEP E - 1

Rear Hub & CV Installation



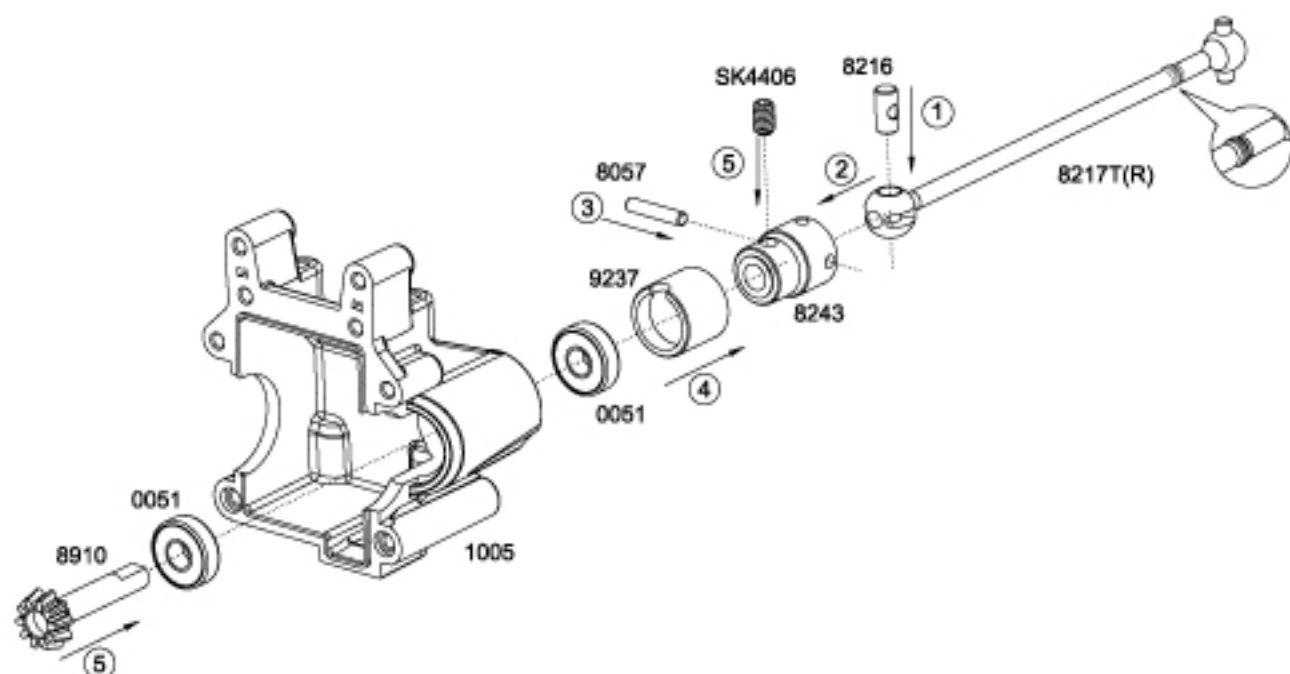
STEP E - 2

Rear Hub & CV Installation



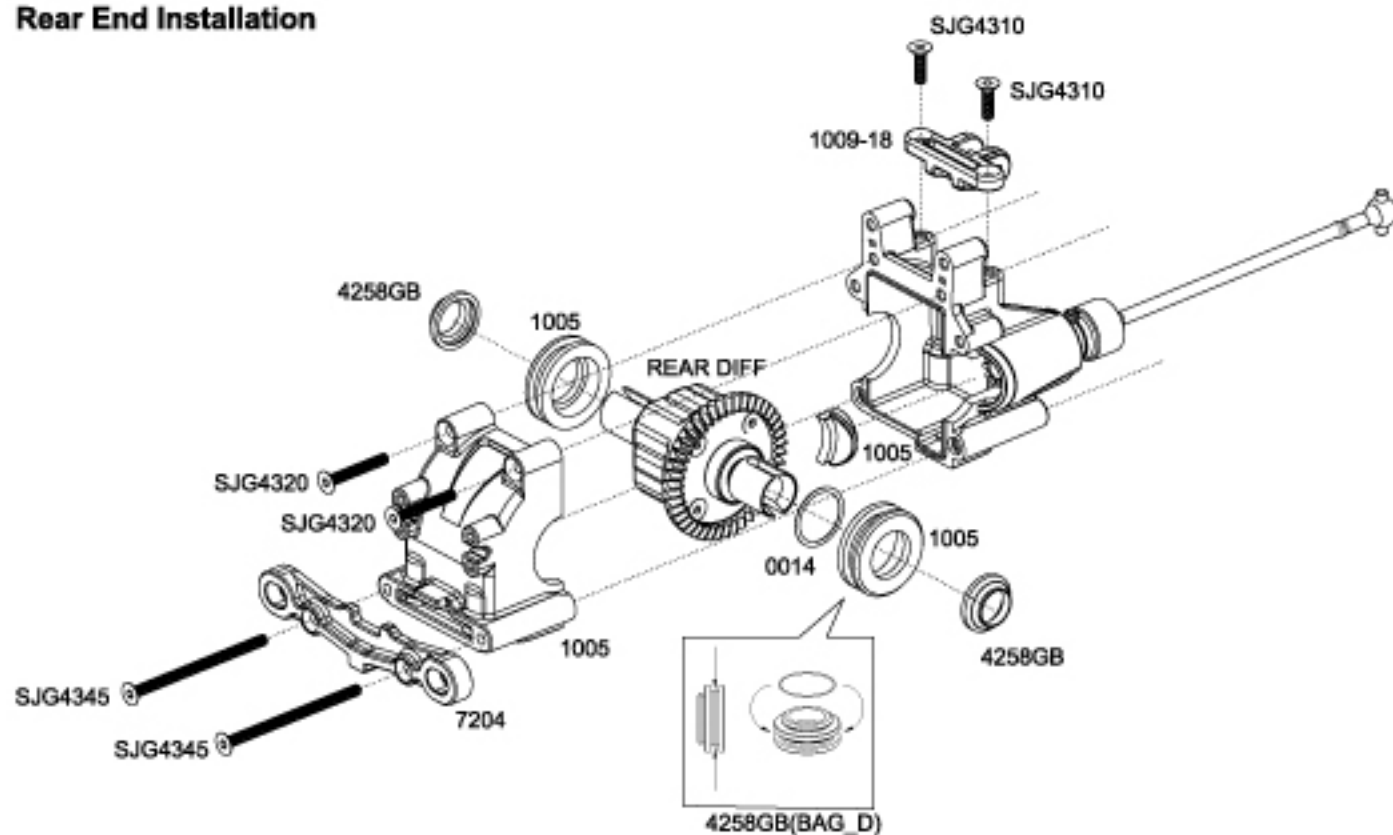
STEP F-1

Rear End Installation



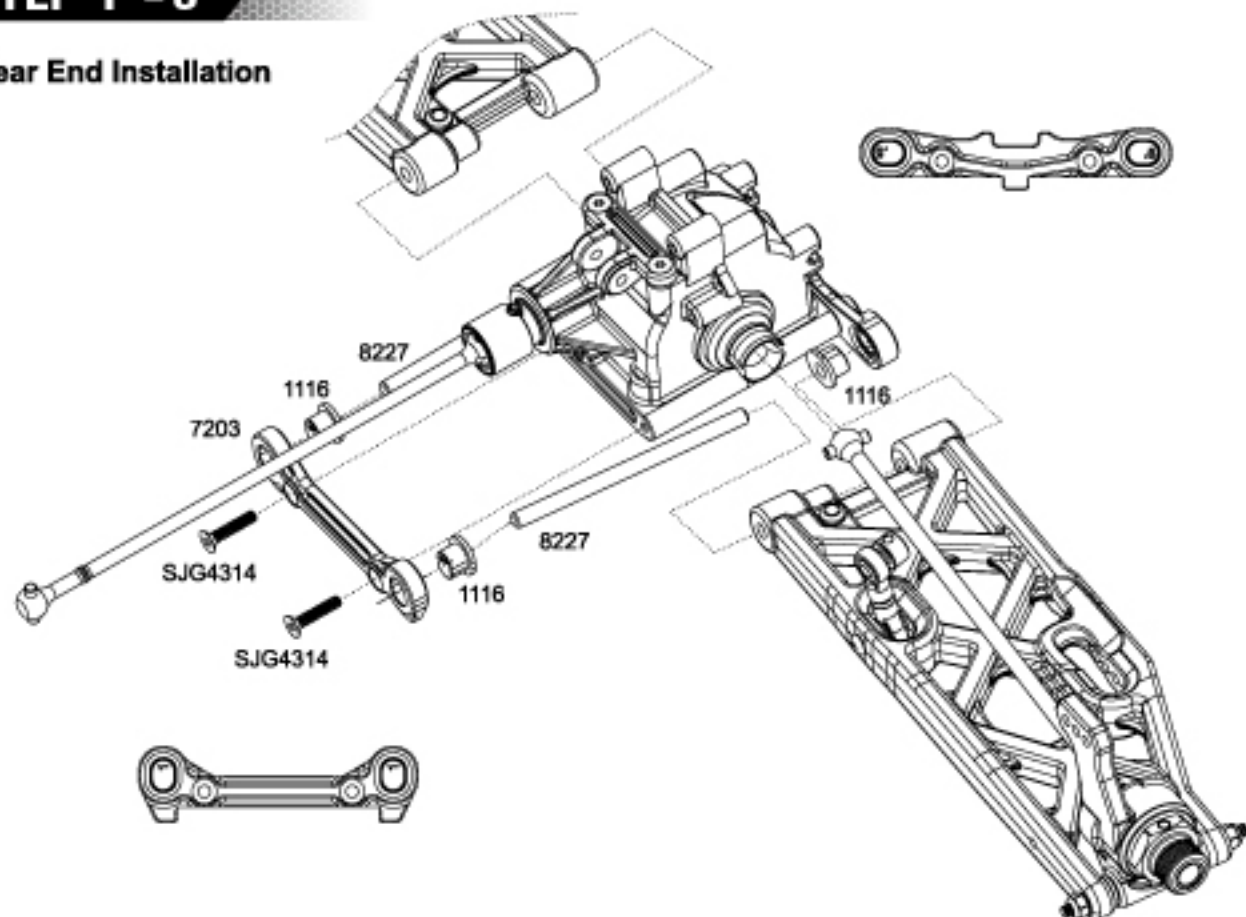
STEP F-2

Rear End Installation



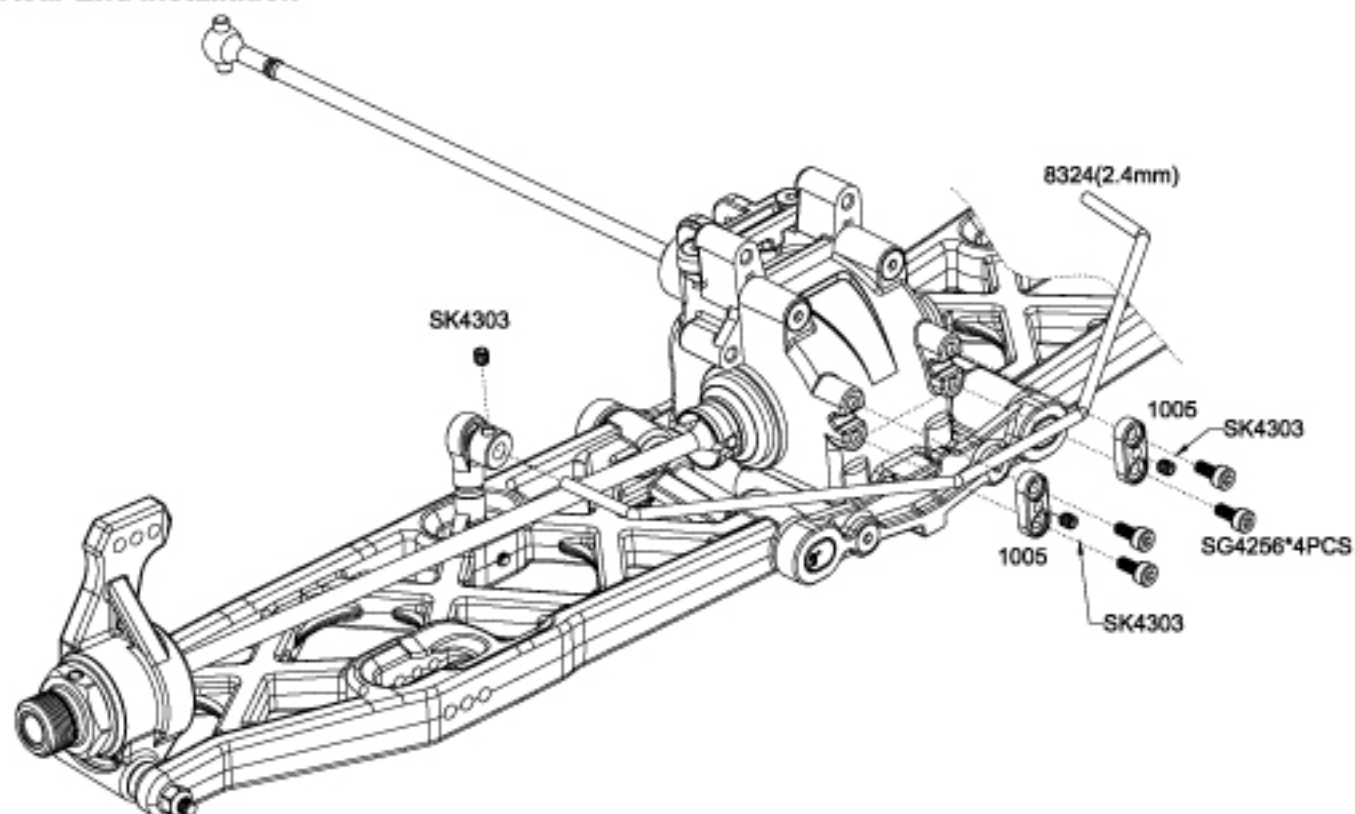
STEP F - 3

Rear End Installation



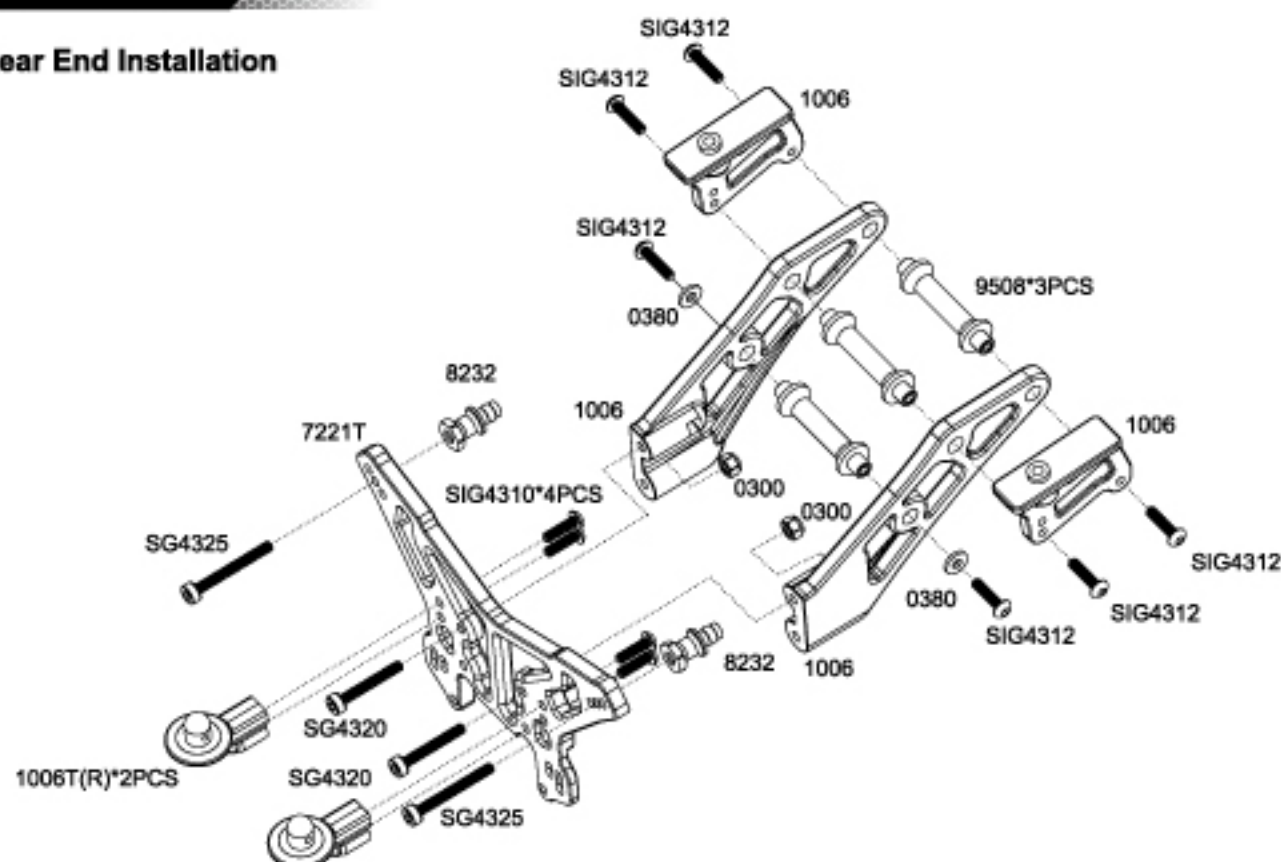
STEP F - 4

Rear End Installation



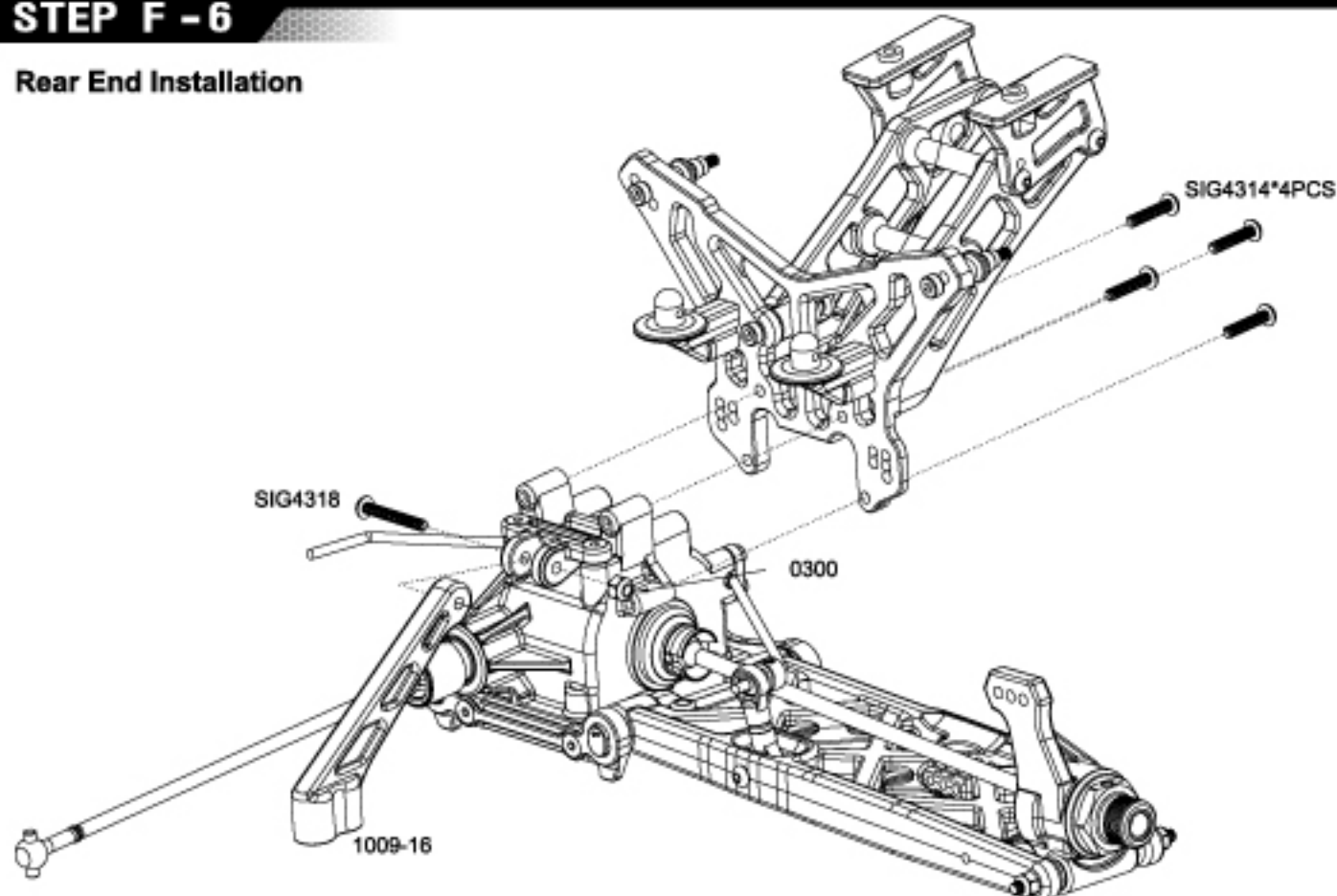
STEP F - 5

Rear End Installation



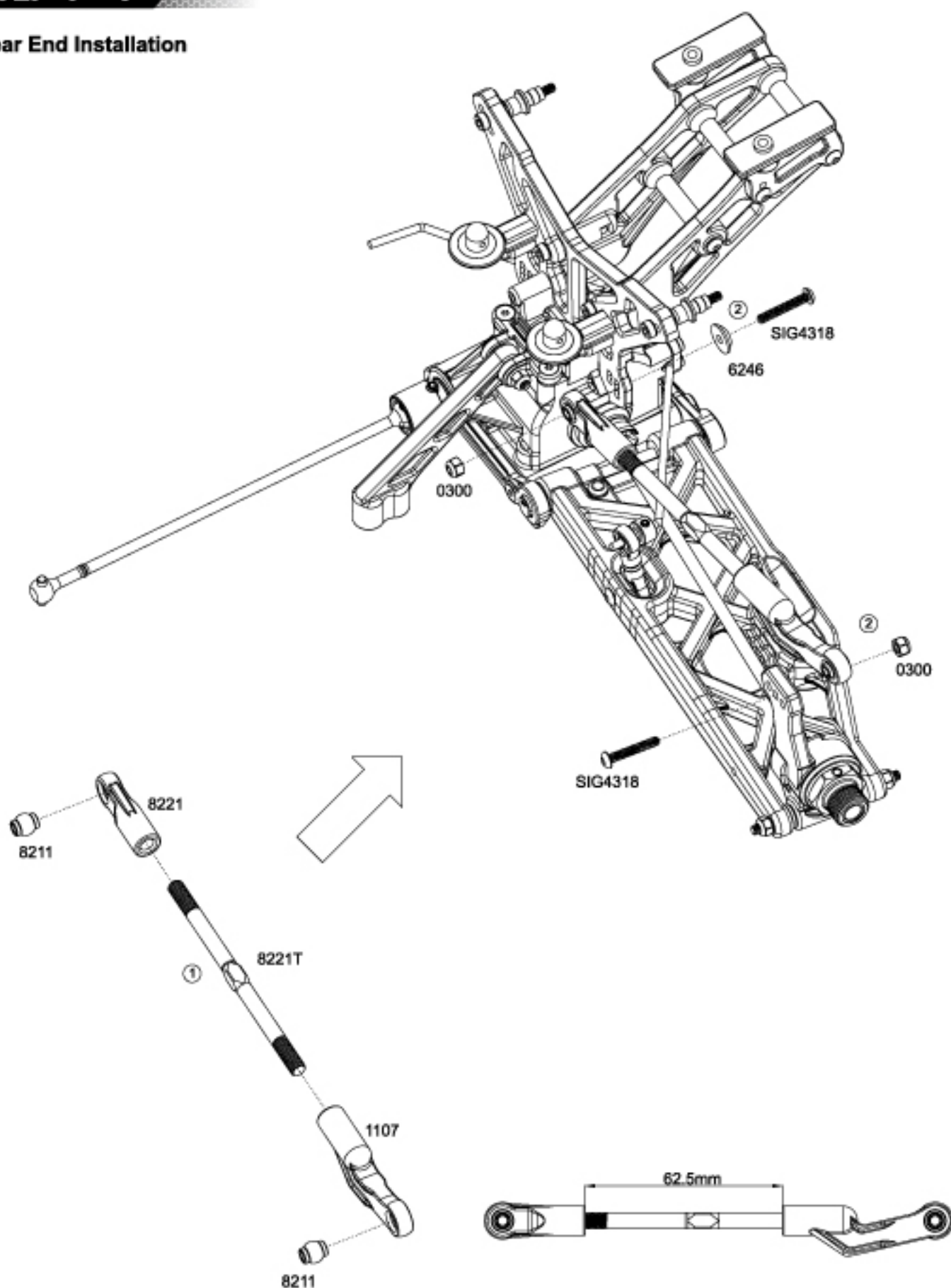
STEP F - 6

Rear End Installation



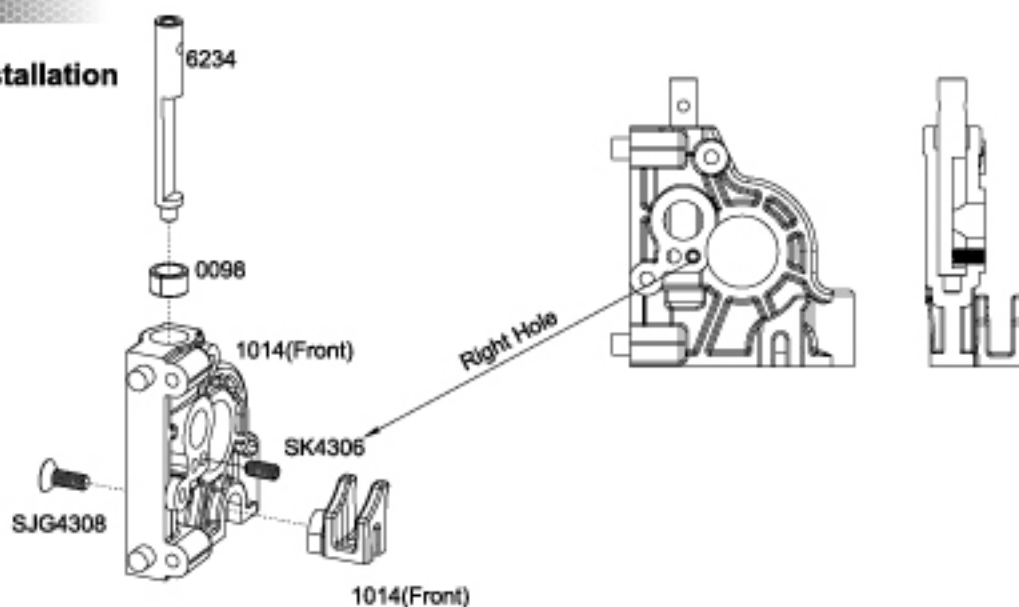
STEP F-7

Rear End Installation



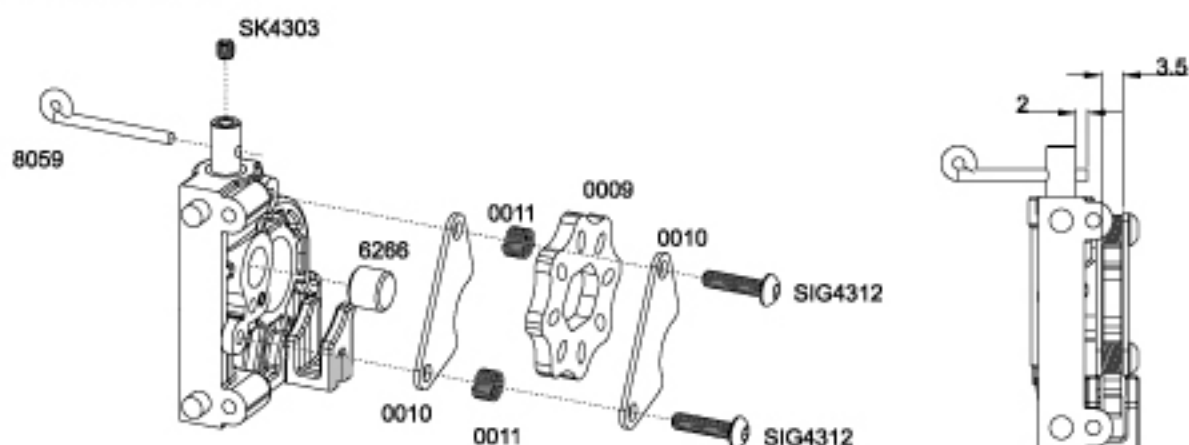
STEP G - 1

Center Diff/Brake Installation



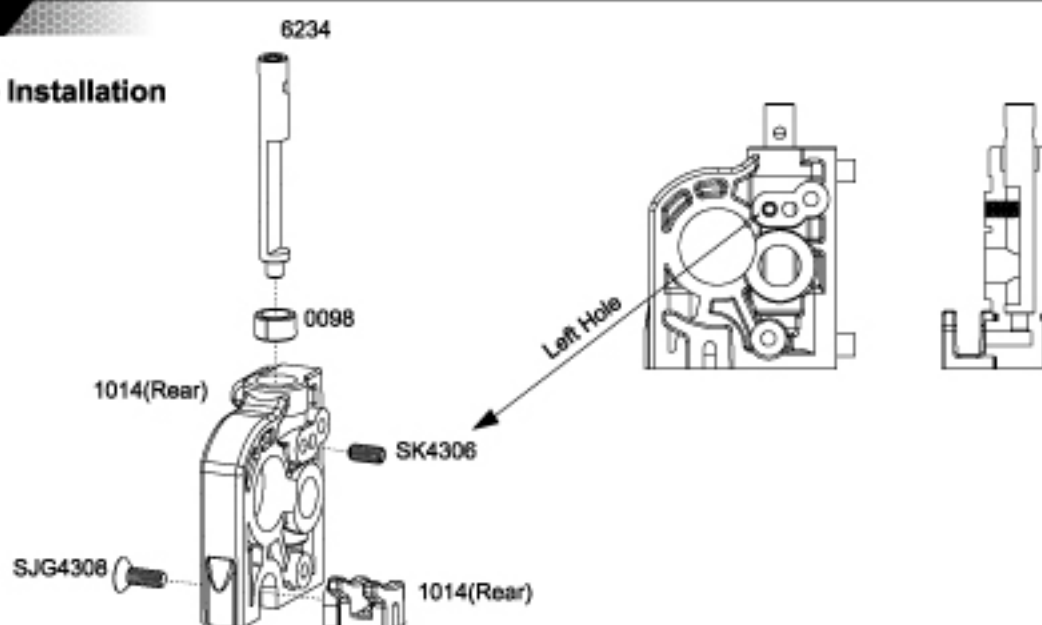
STEP G - 2

Center Diff/Brake Installation



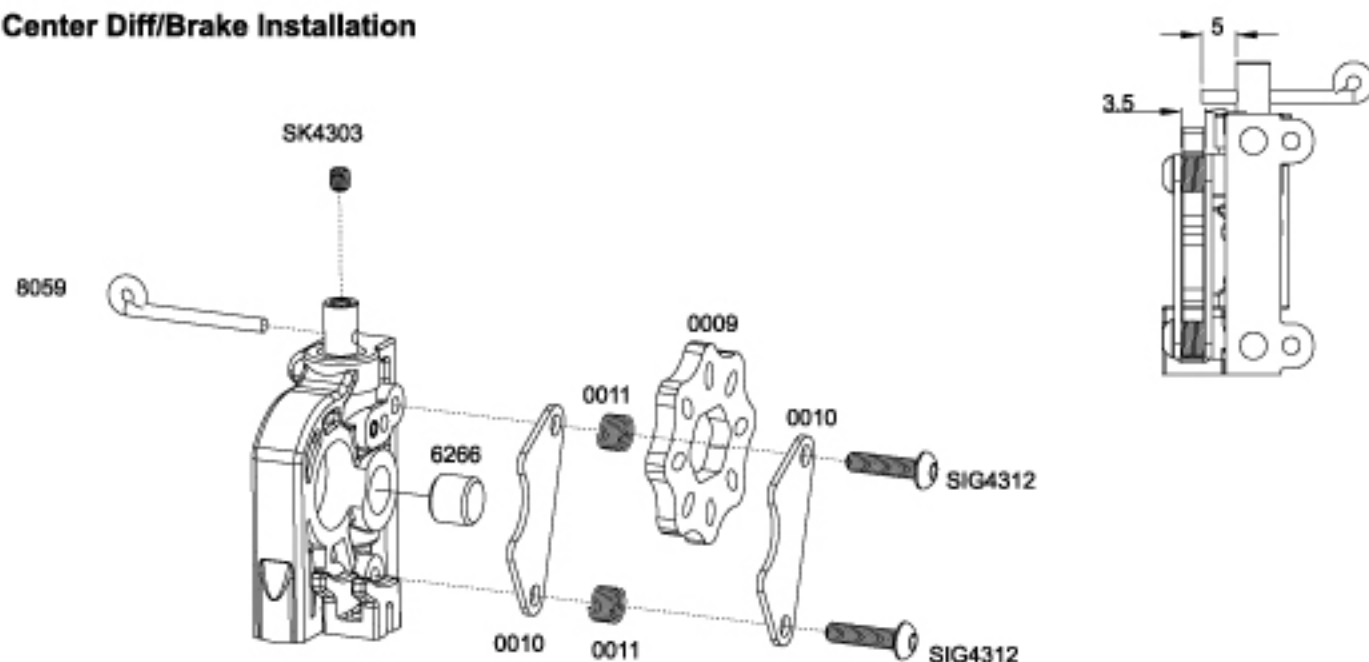
STEP G - 3

Center Diff/Brake Installation



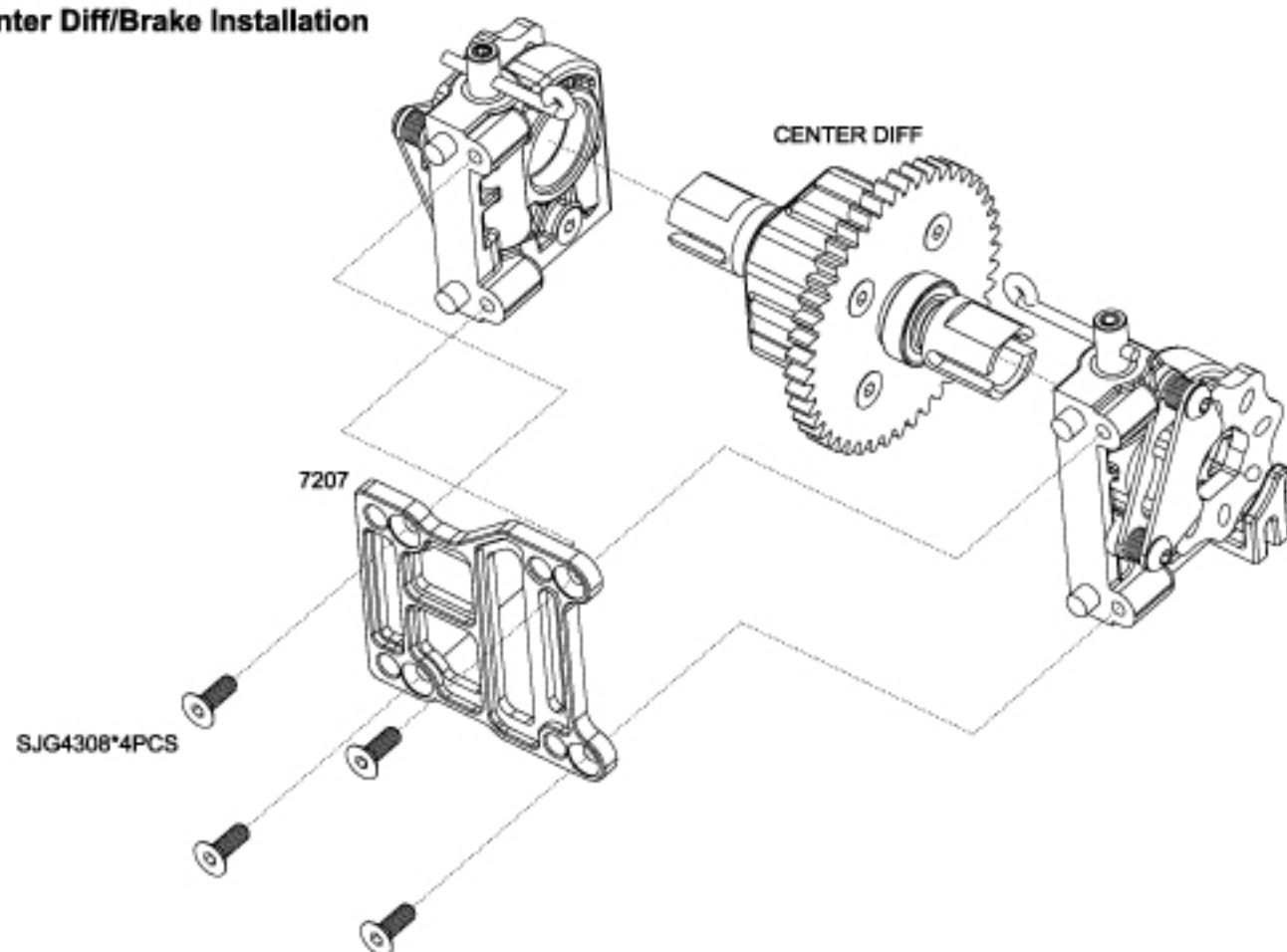
STEP G - 4

Center Diff/Brake Installation



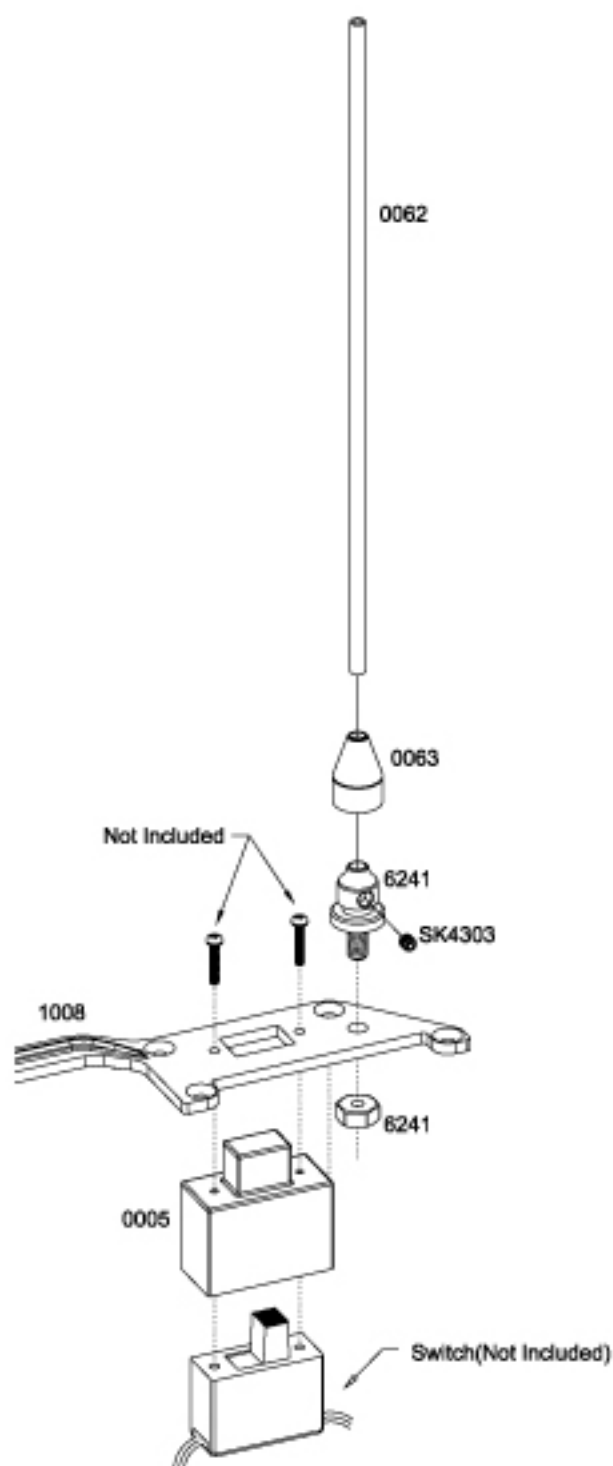
STEP G - 5

Center Diff/Brake Installation



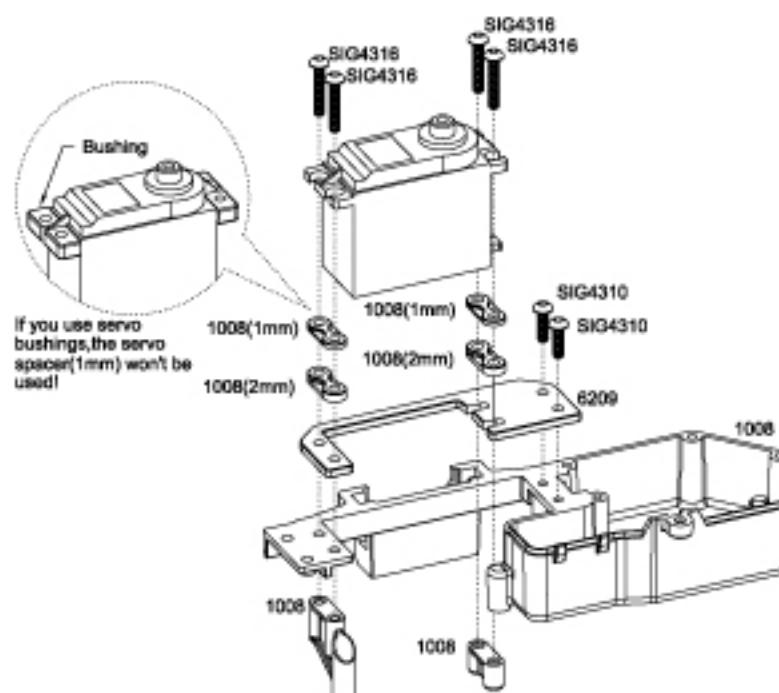
STEP H - 1

Switch/Antenna tube Installation



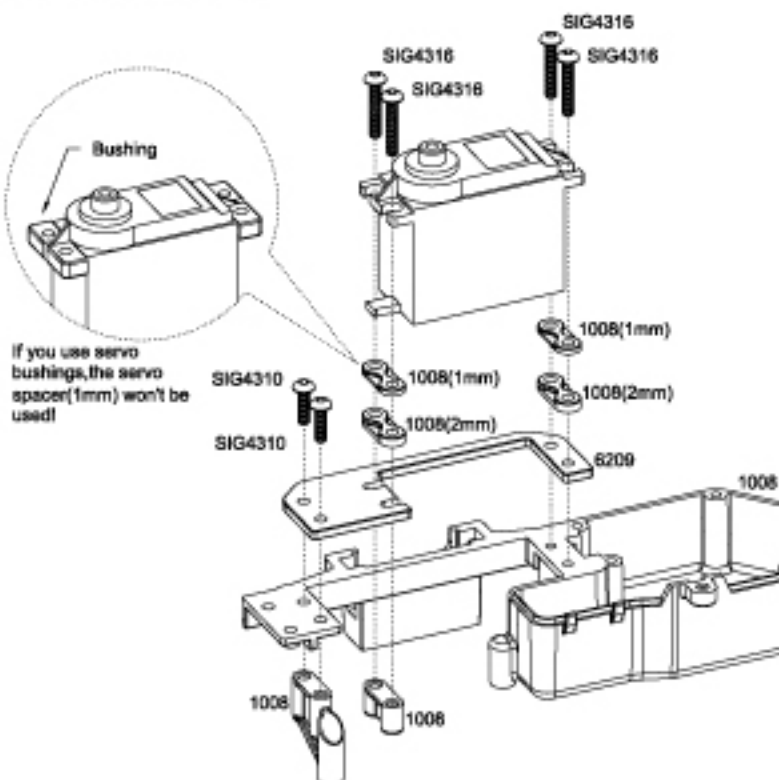
STEP H - 2

Throttle Servo Installation (Servo forward)



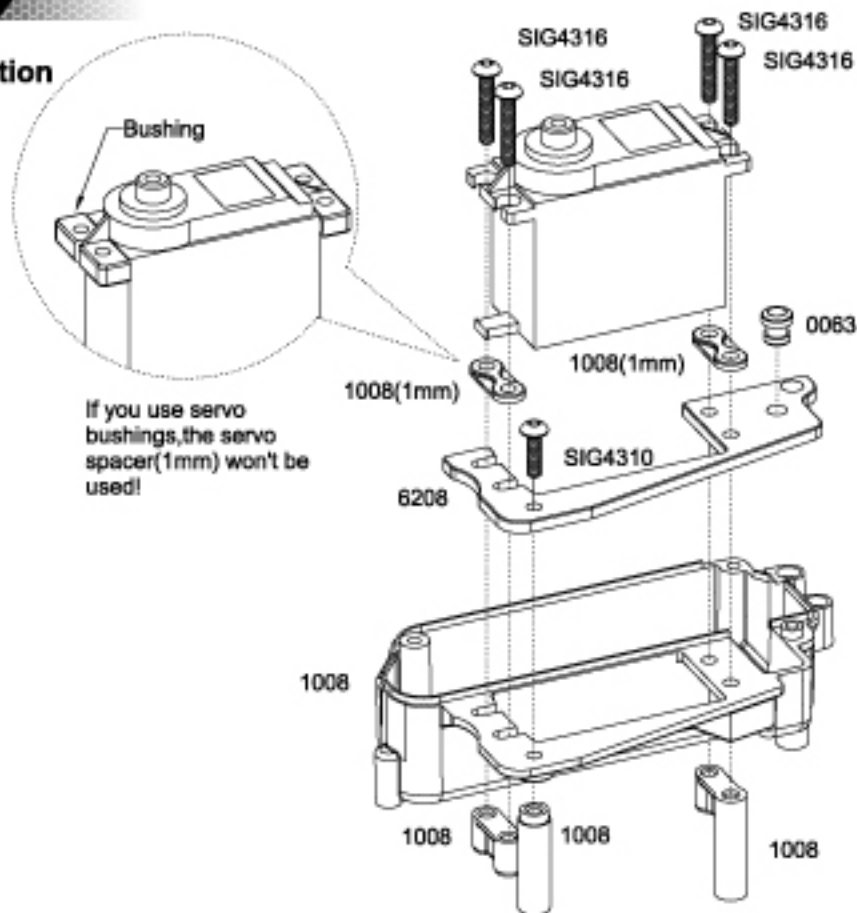
STEP H - 3

Throttle Servo Installation (Servo backward)



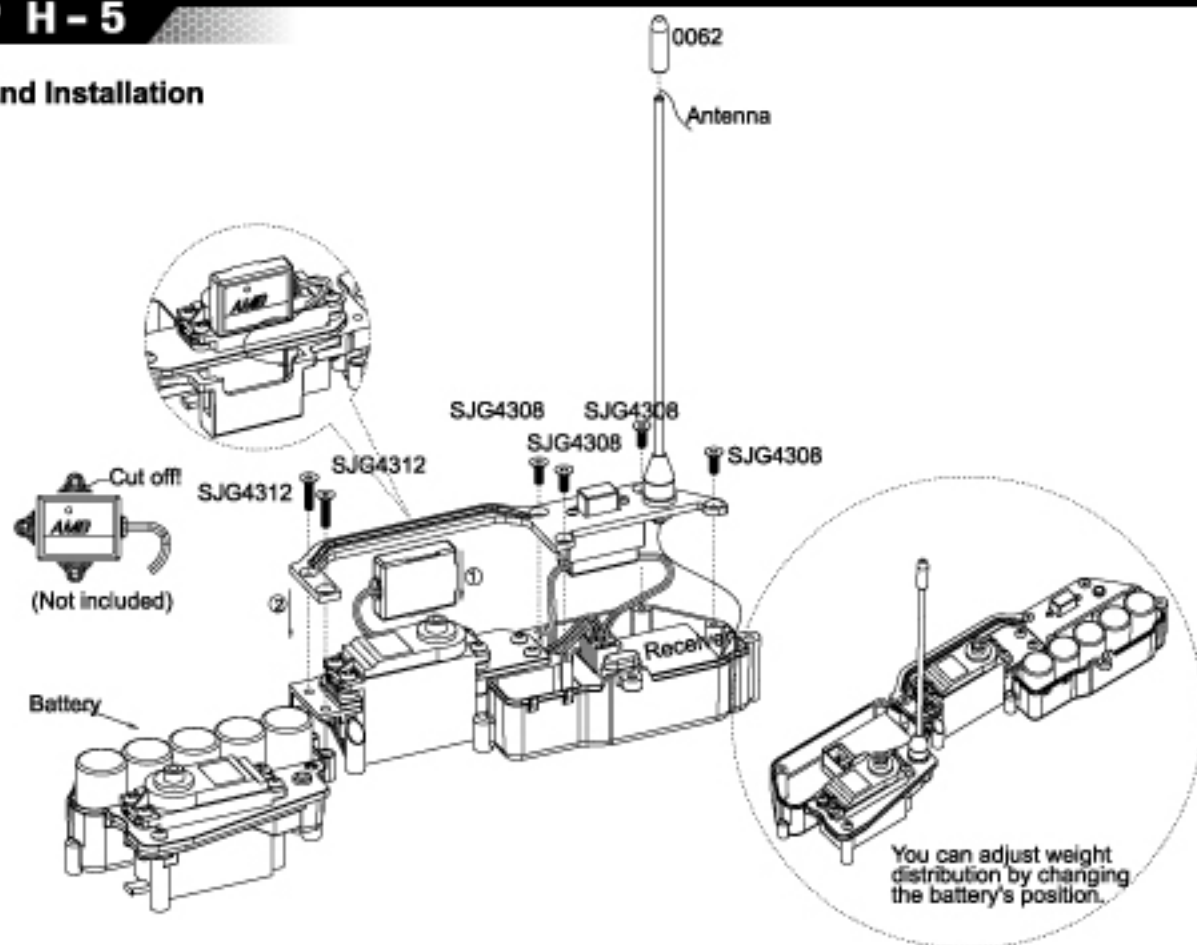
STEP H - 4

Front End Installation



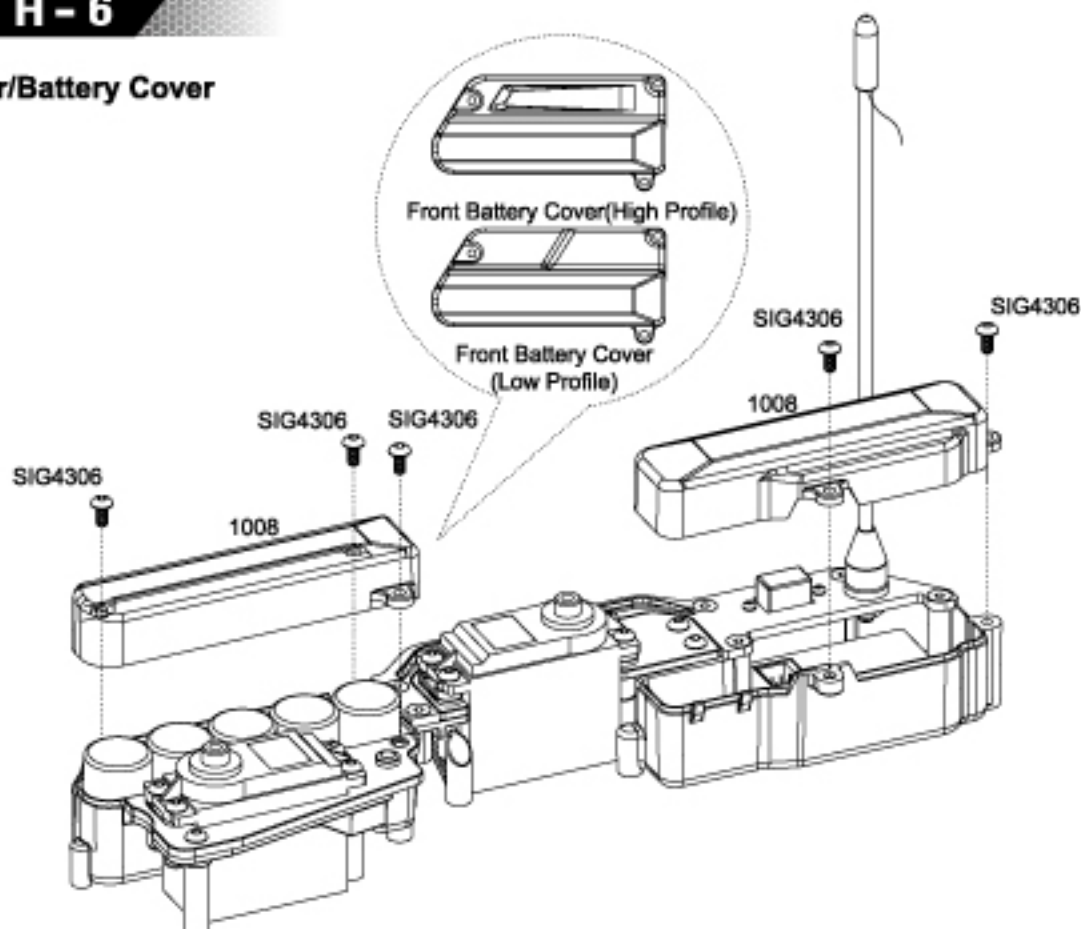
STEP H - 5

Front End Installation



STEP H - 6

Receiver/Battery Cover



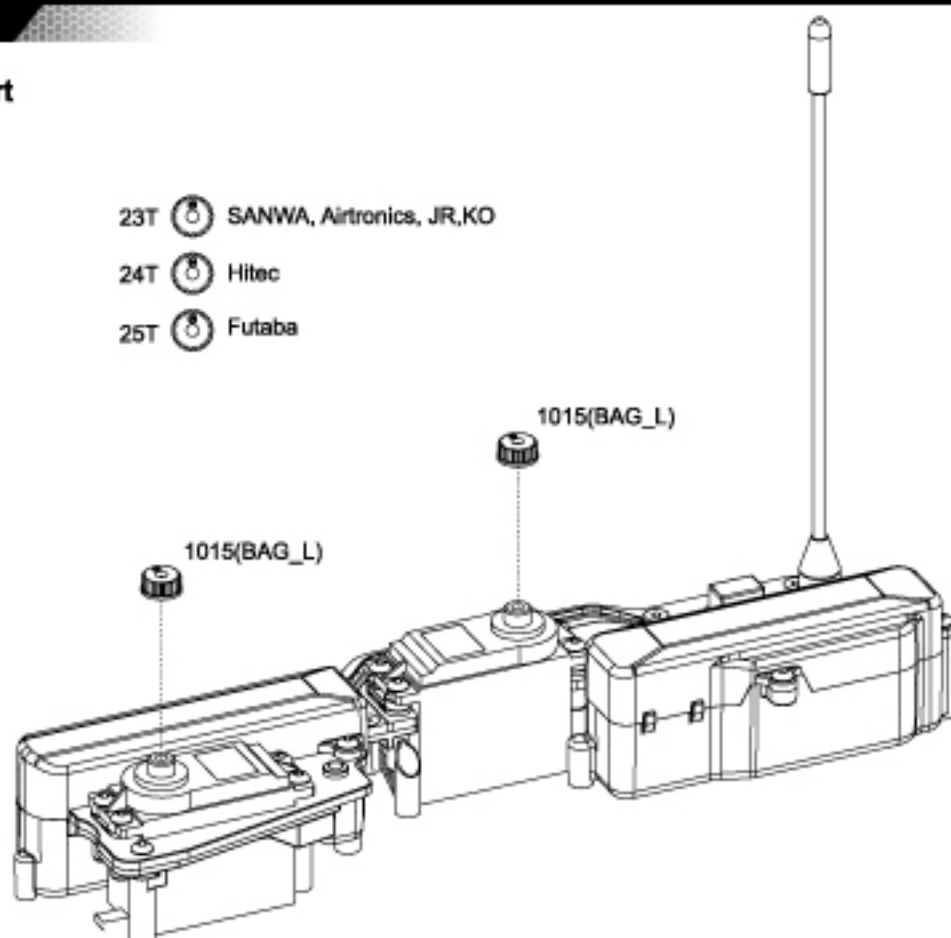
STEP H - 7

Servo Horn Insert

23T SANWA, Airtronics, JR, KO

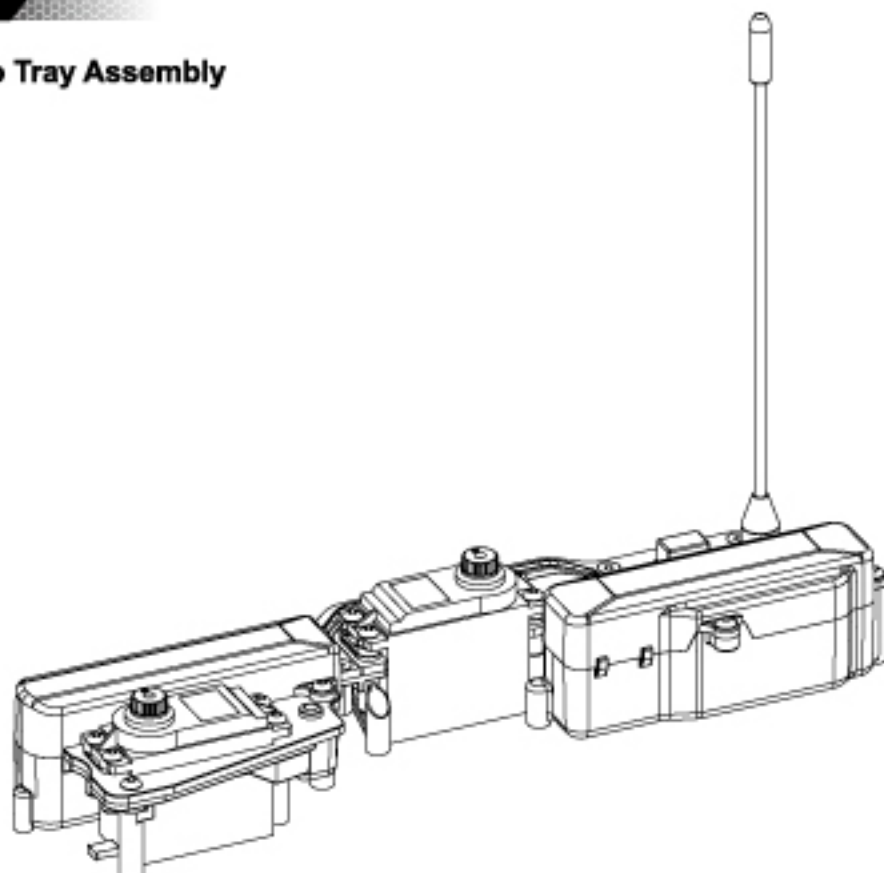
24T Hitec

25T Futaba



STEP H-8

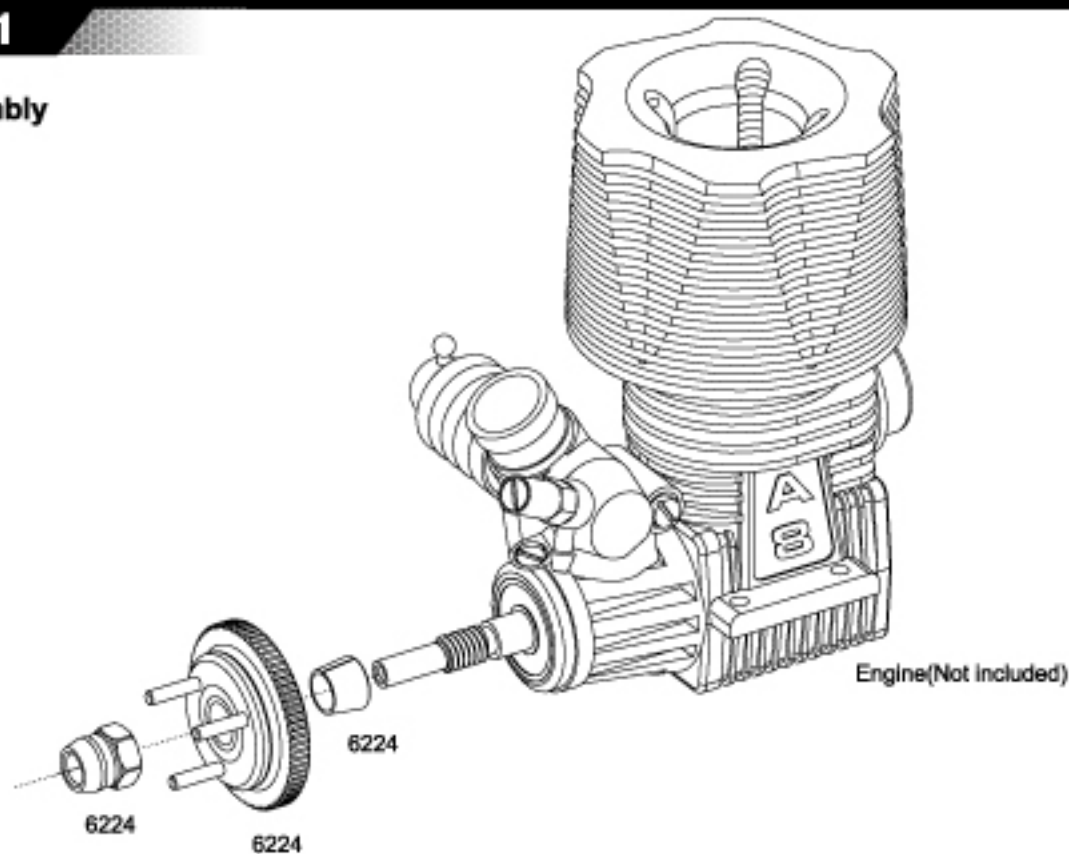
Completed Radio Tray Assembly



BAG I

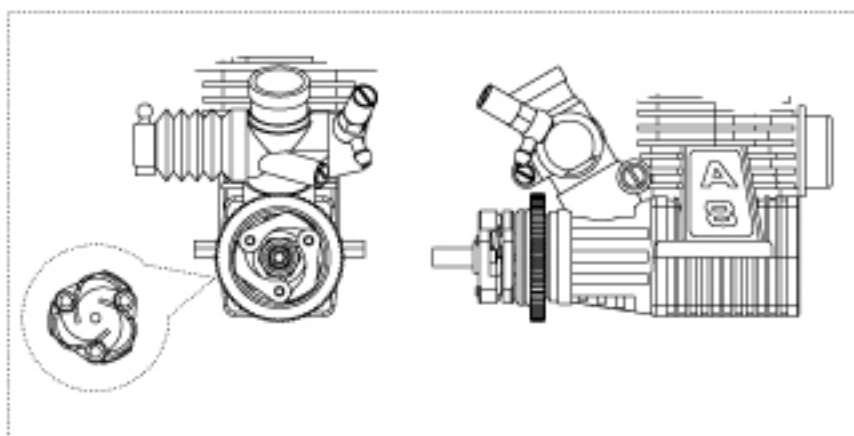
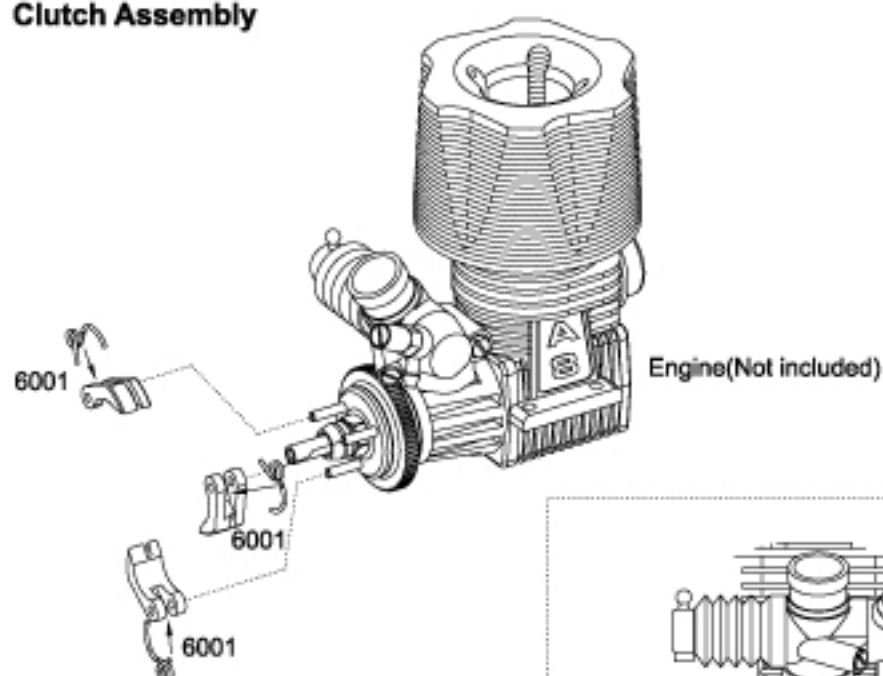
STEP I-1

Clutch Assembly



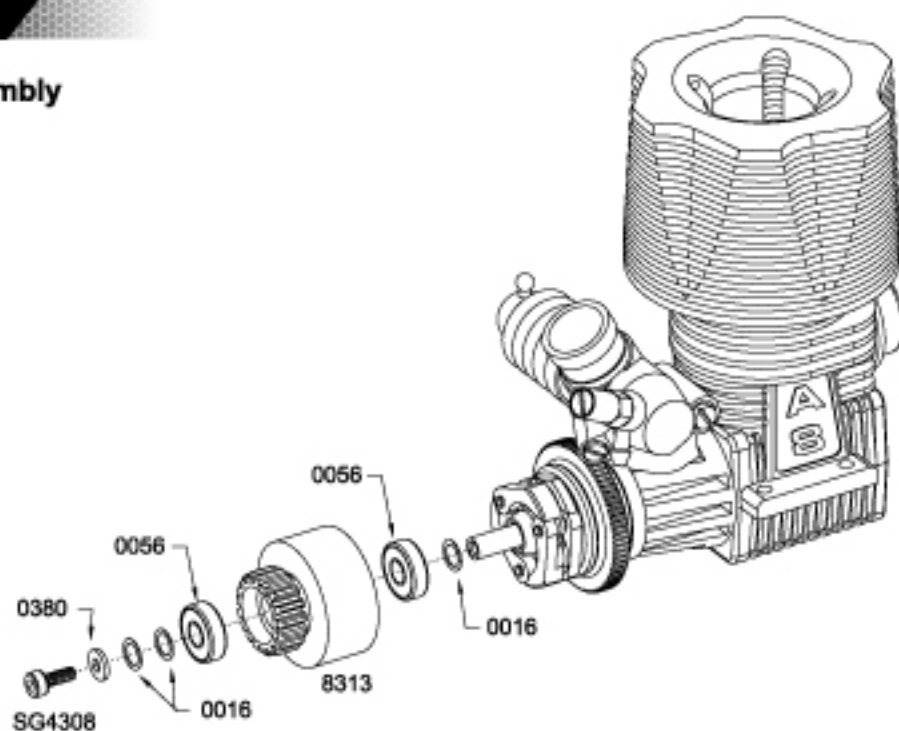
STEP 1-2

Clutch Assembly



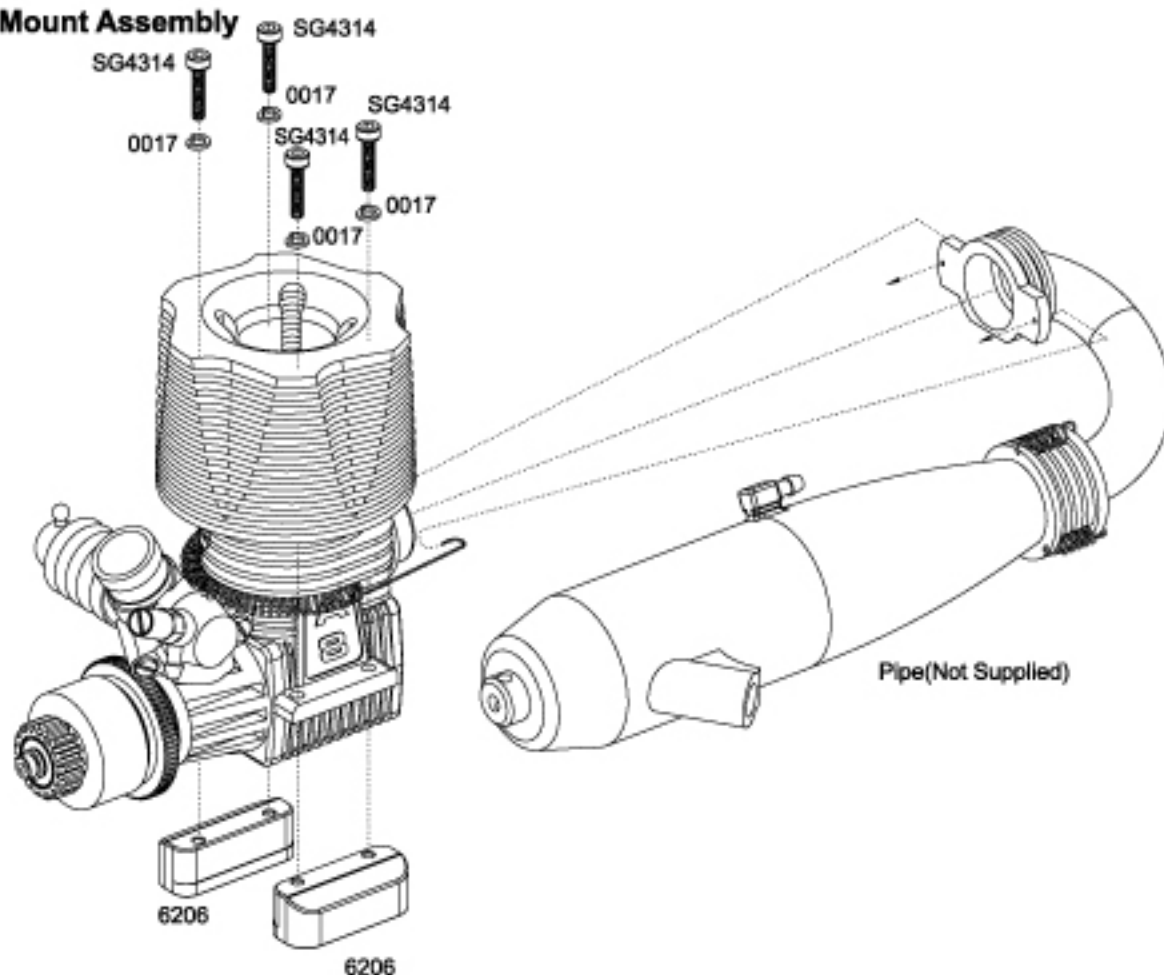
STEP 1-3

Clutch Bell Assembly



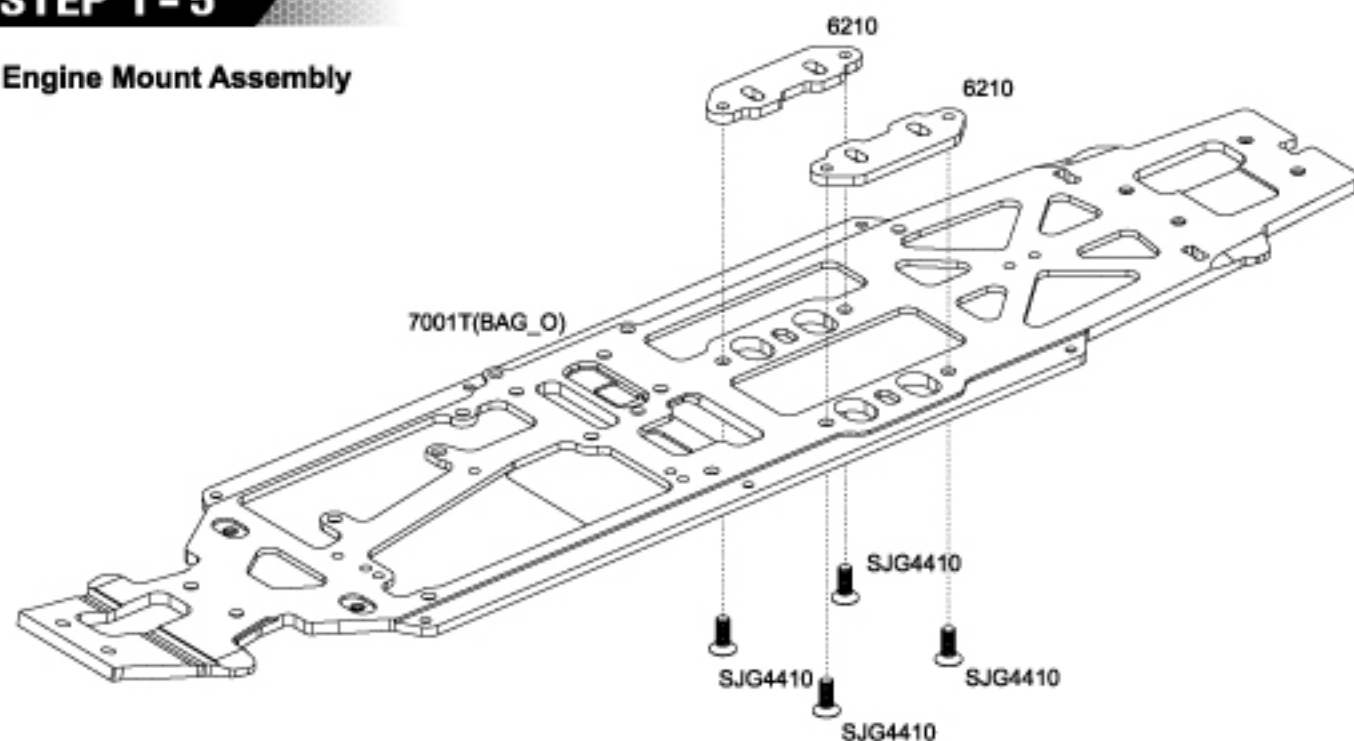
STEP 1-4

Engine Mount Assembly



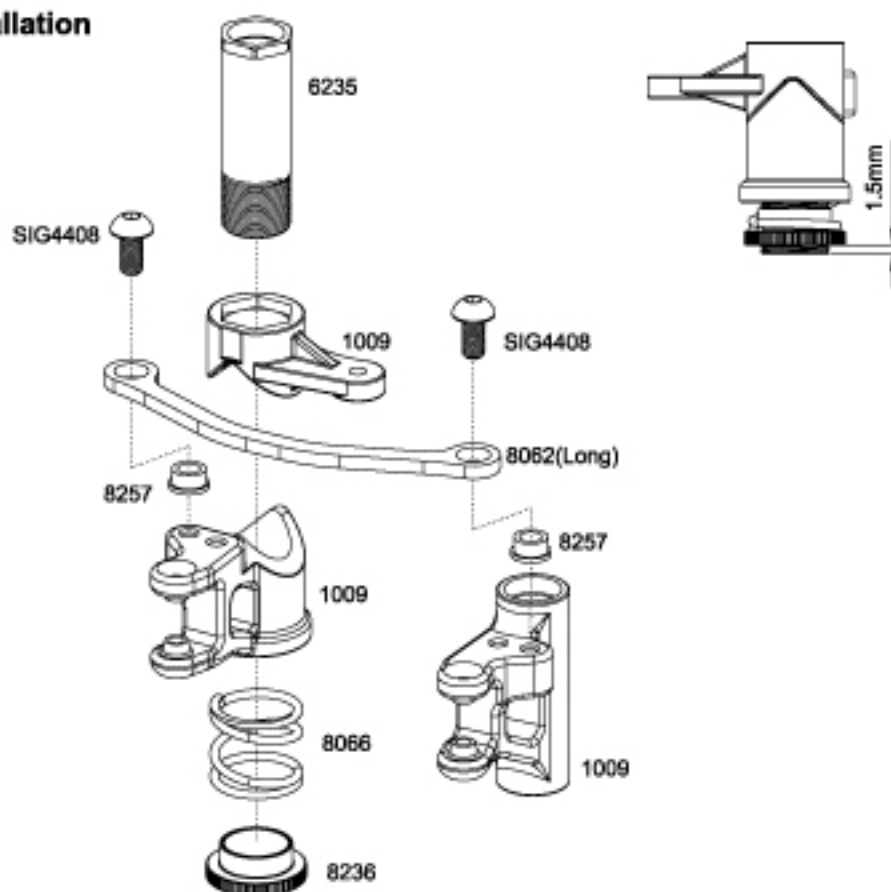
STEP 1-5

Engine Mount Assembly



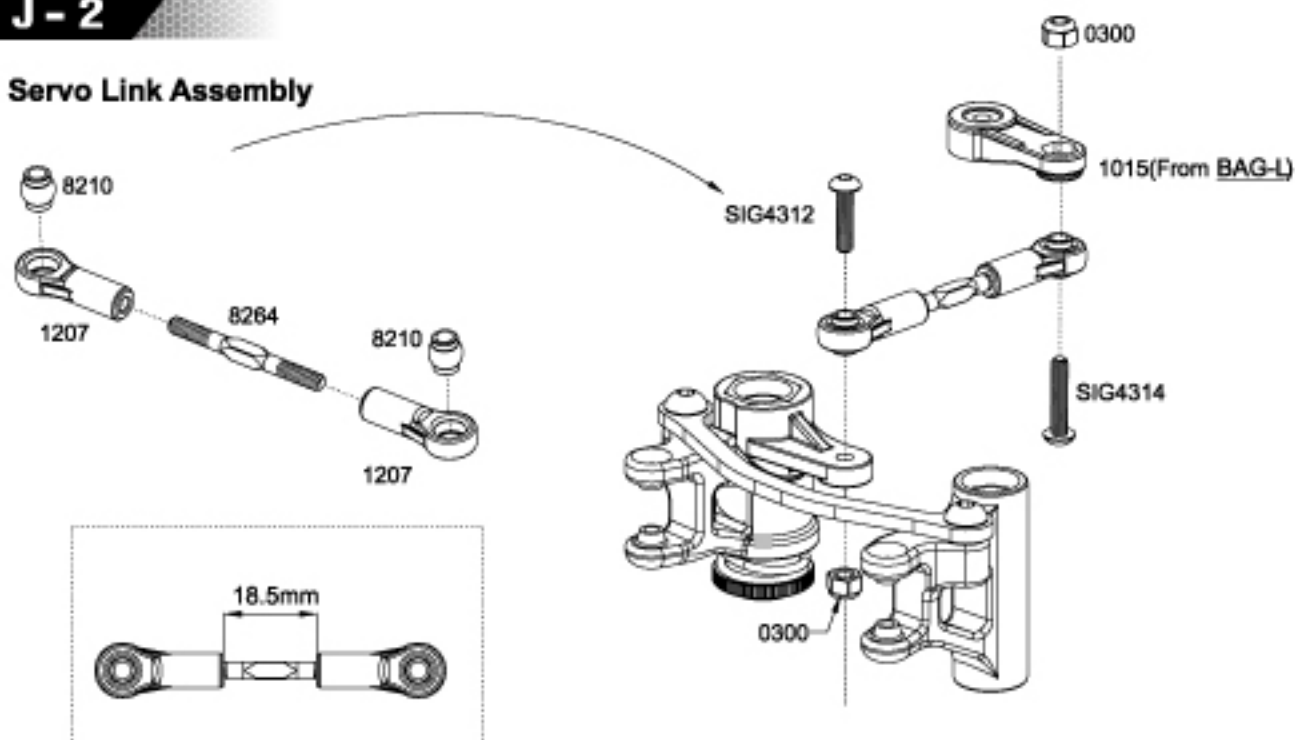
STEP J - 1

Servo Saver Installation



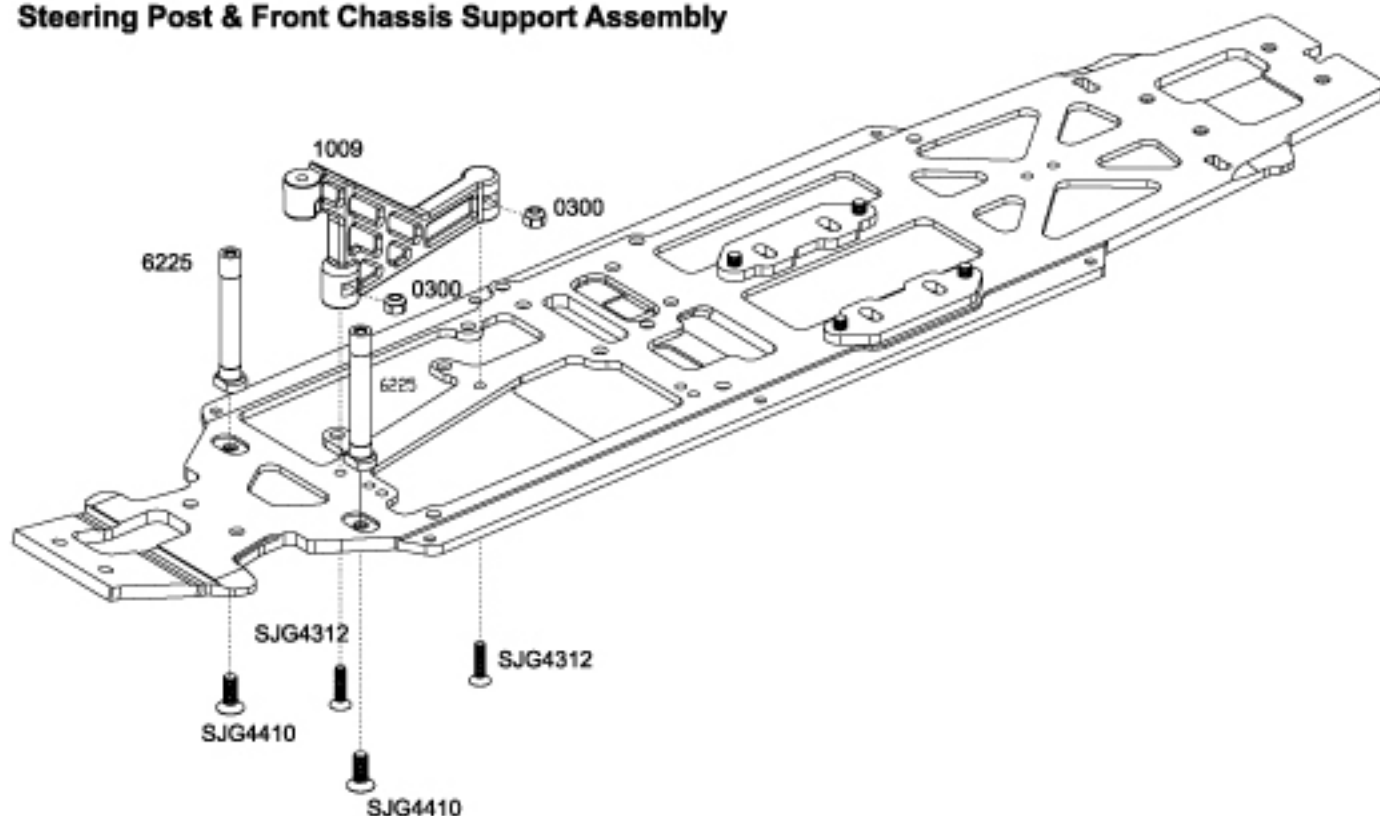
STEP J - 2

Steering Servo Link Assembly



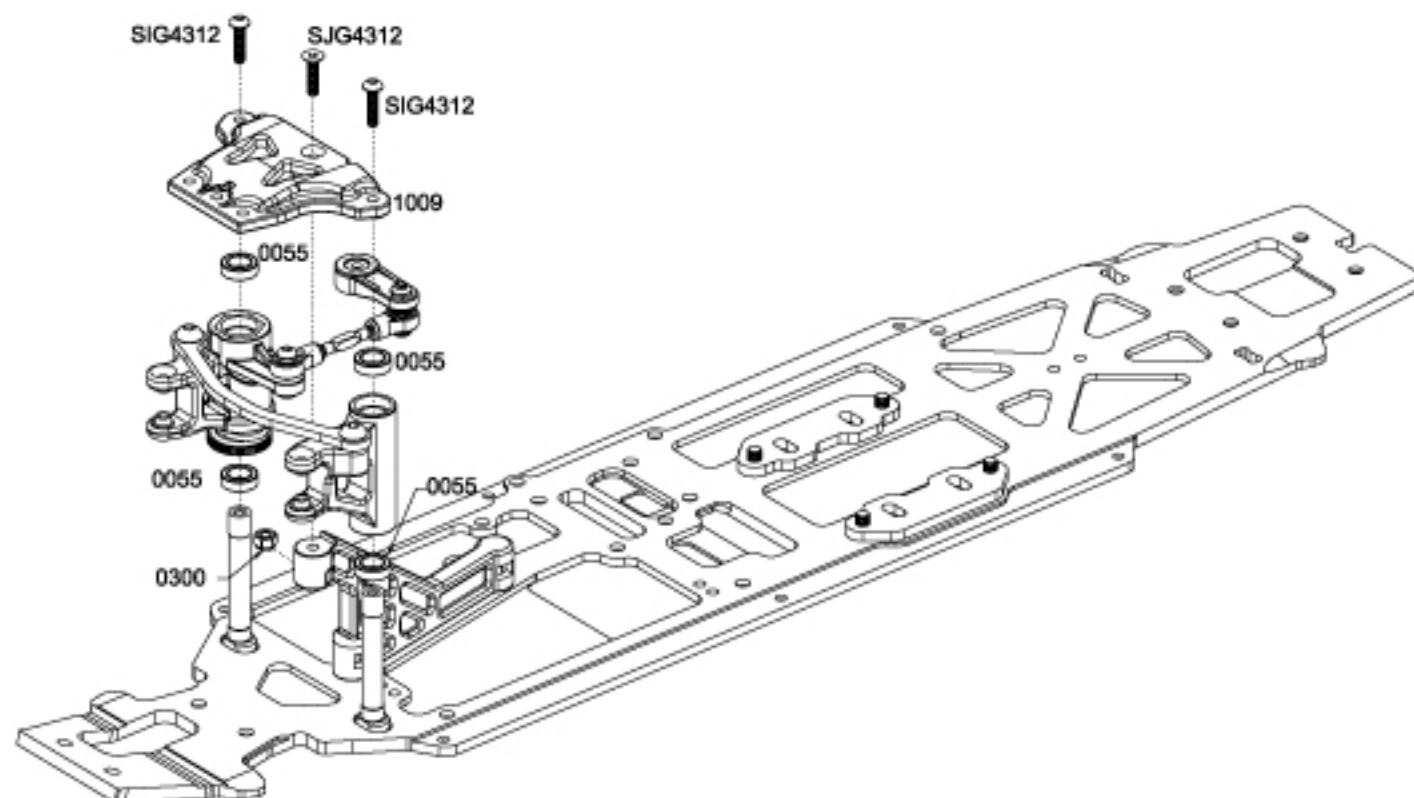
STEP J - 3

Steering Post & Front Chassis Support Assembly



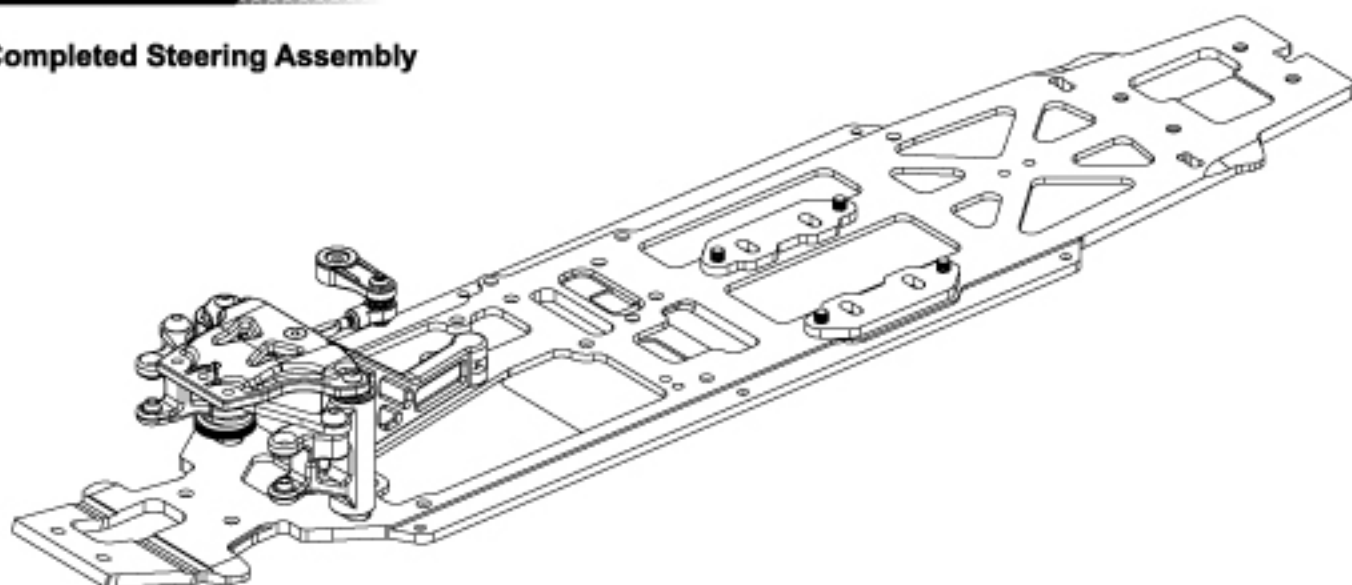
STEP J - 4

Steering Saver & Front Chassis Brace Assembly



STEP J - 5

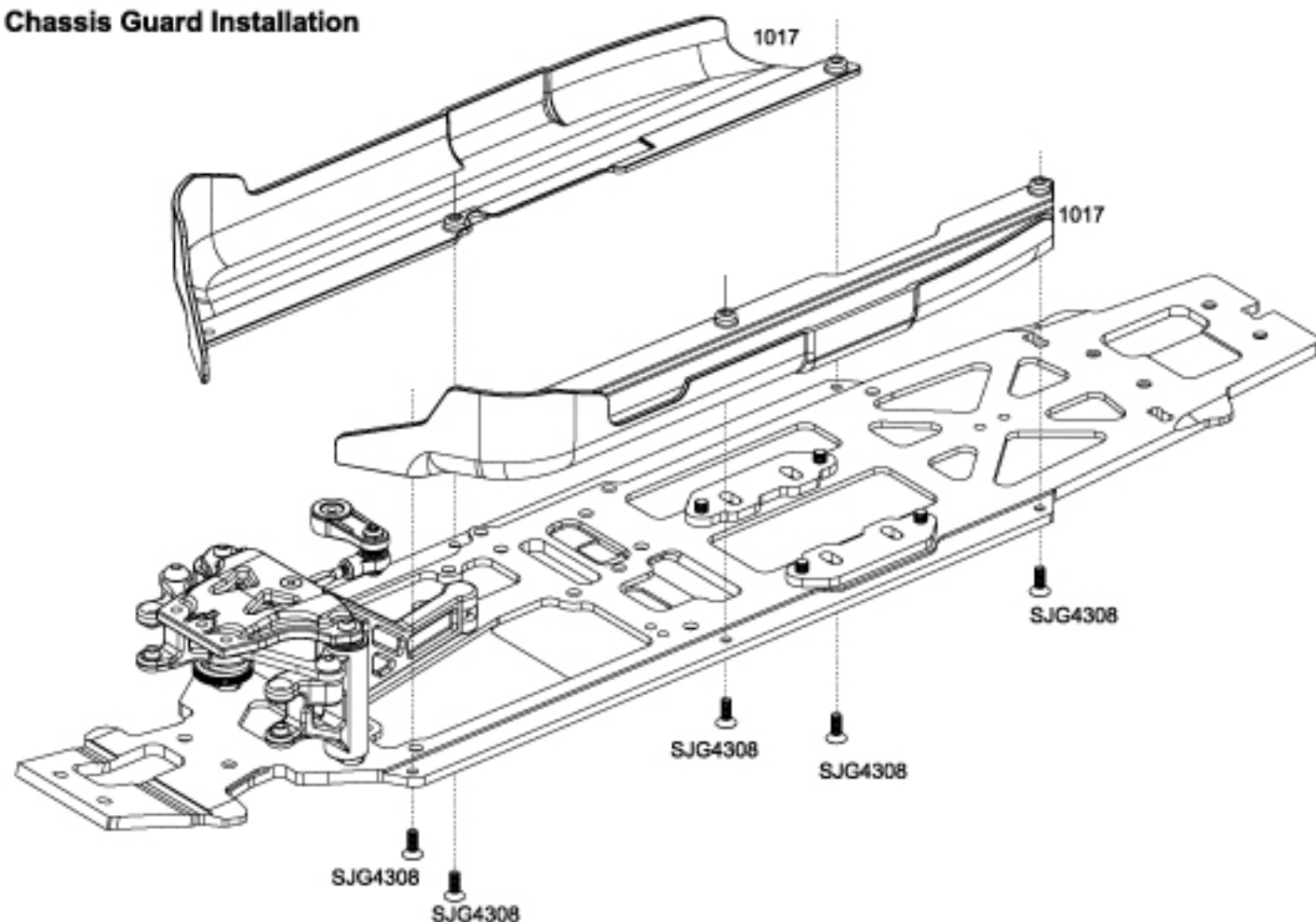
Completed Steering Assembly



BAG K

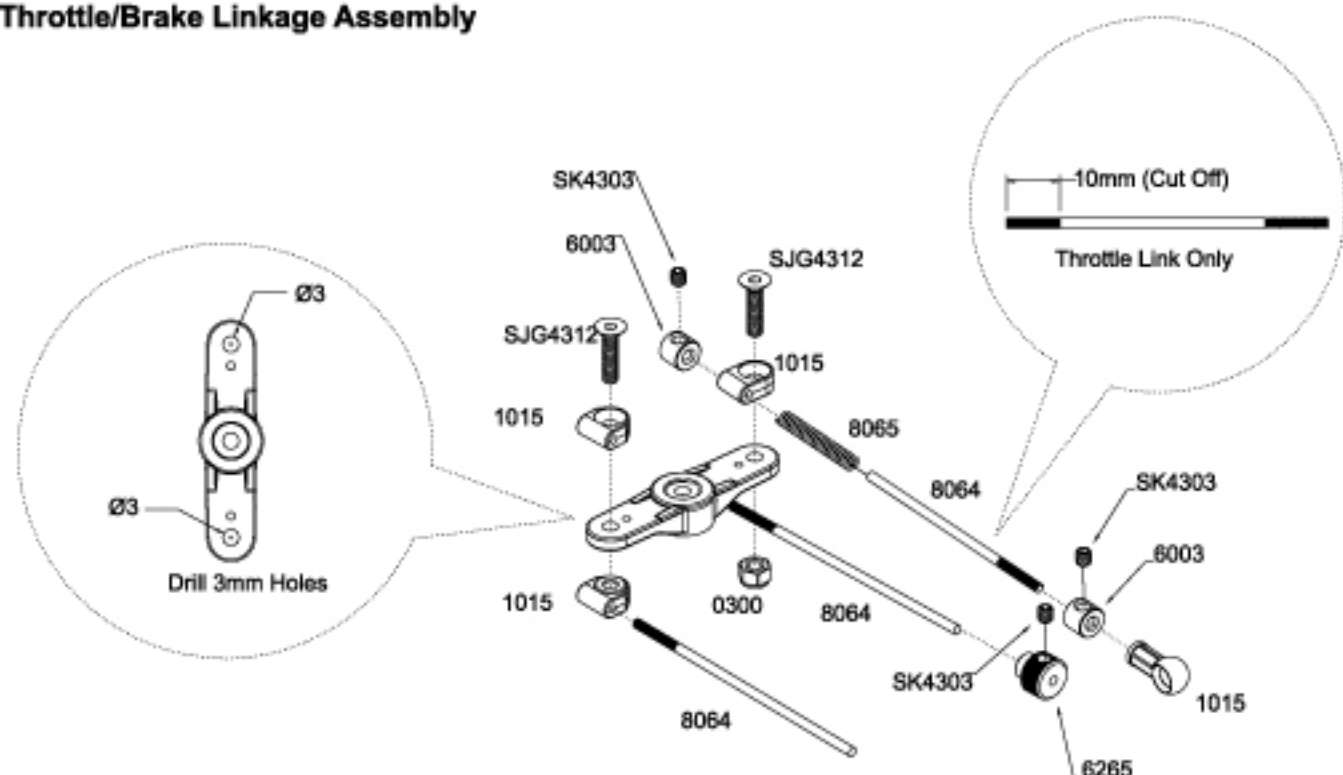
STEP K - 1

Chassis Guard Installation



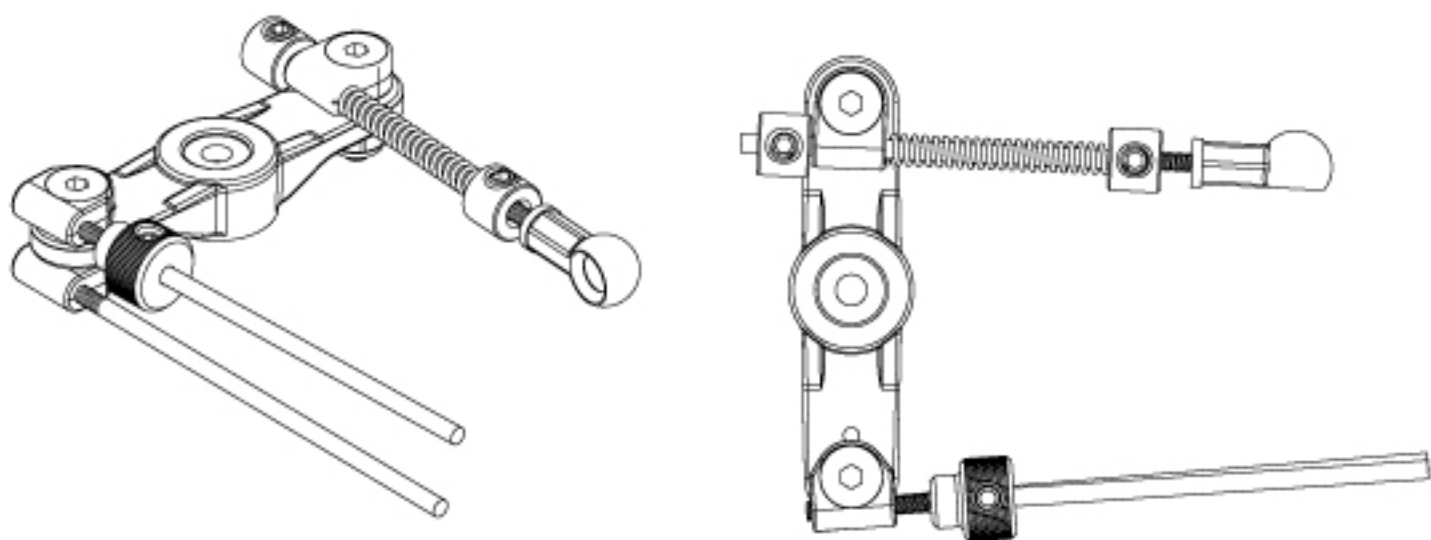
STEP L - 1

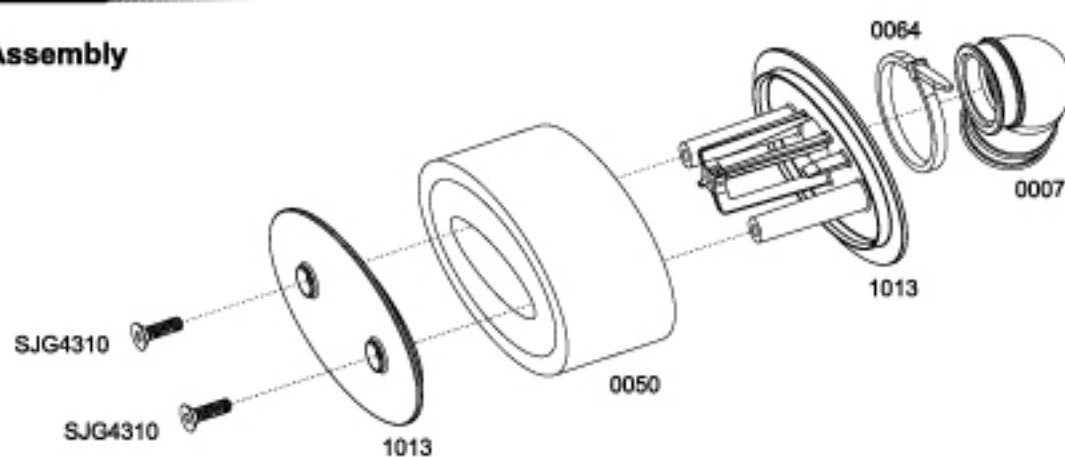
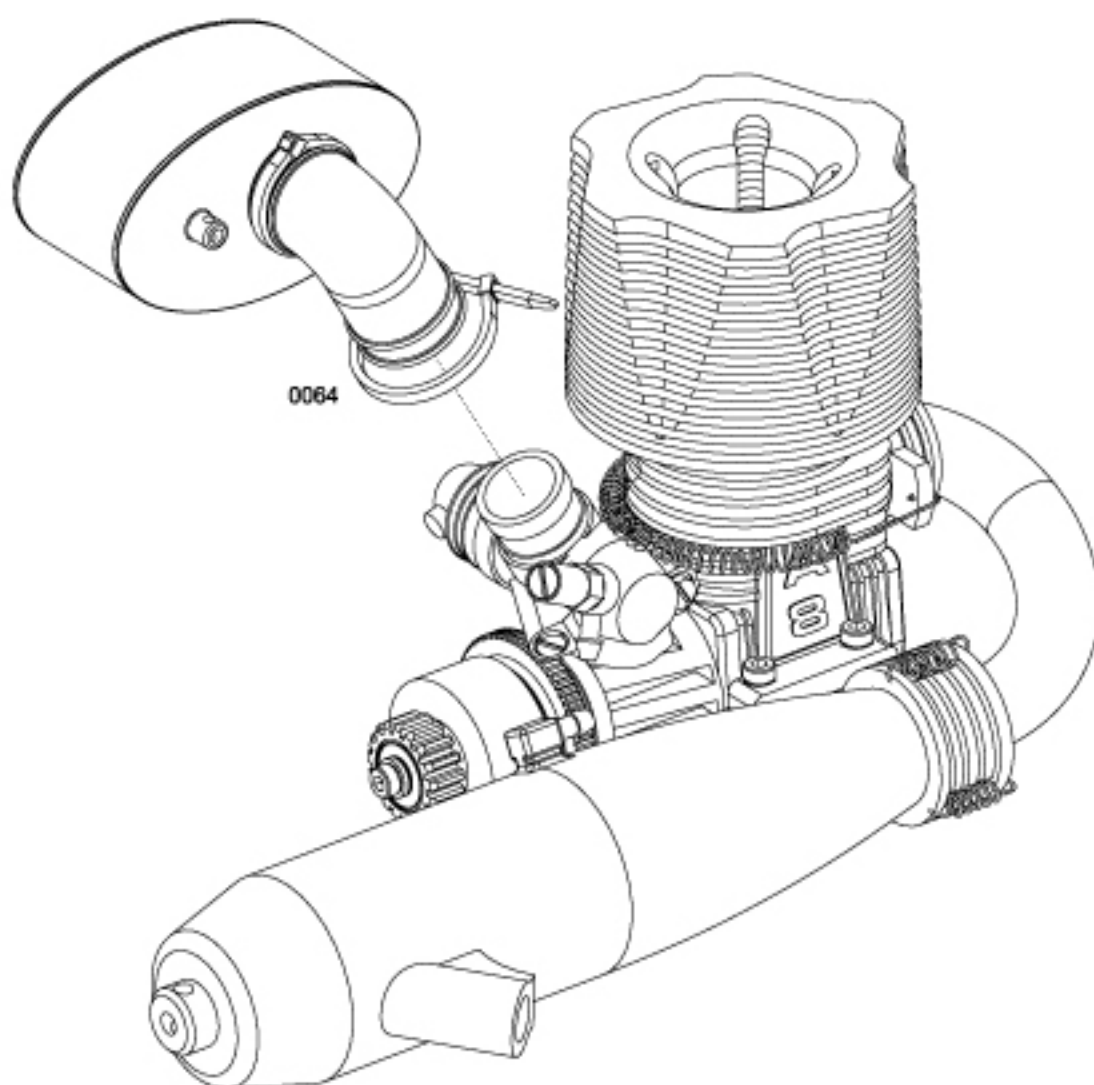
Throttle/Brake Linkage Assembly



STEP L - 2

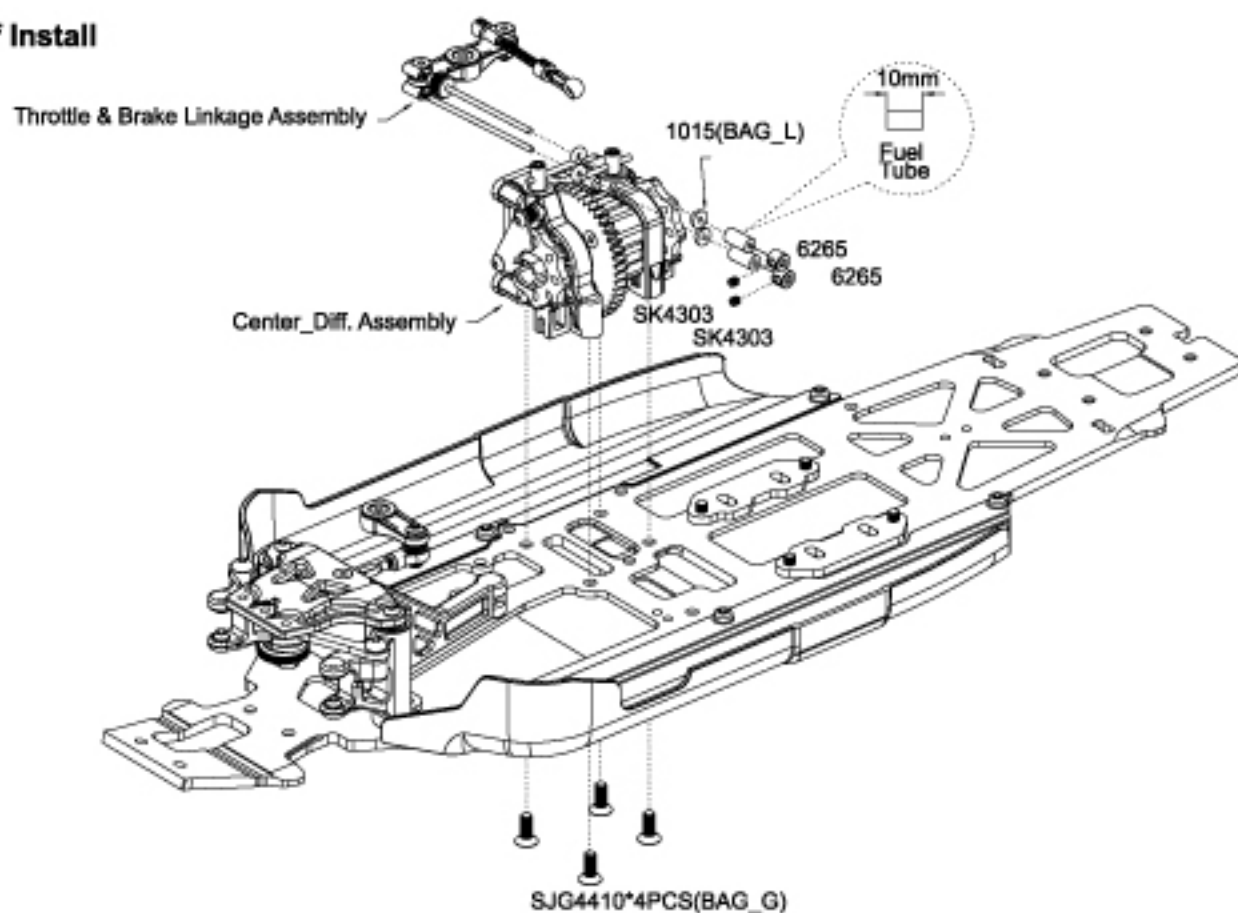
Completed Throttle/Brake Assembly



STEP M - 1**Air Filter Assembly****STEP M - 2****Air Filter Assembly**

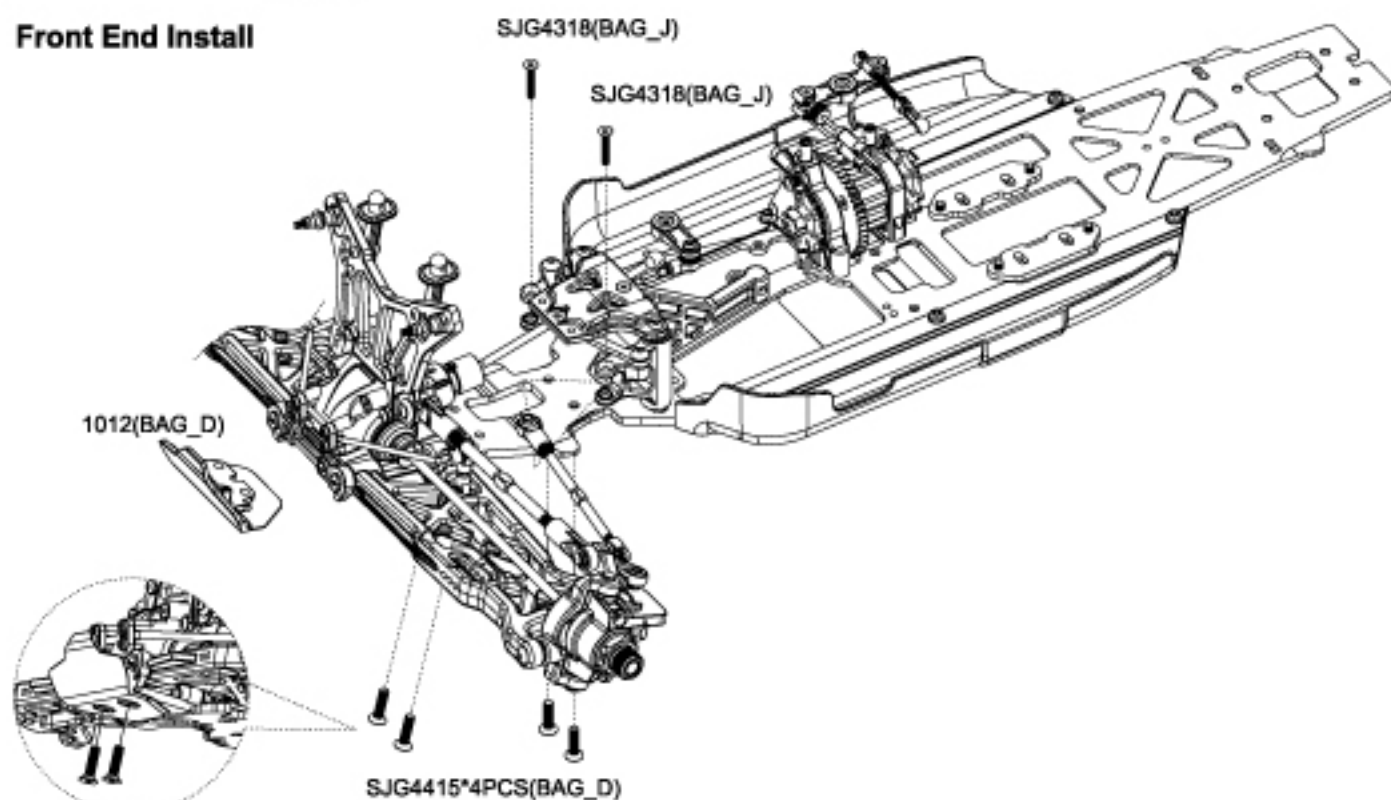
STEP - 1

Center Diff Install



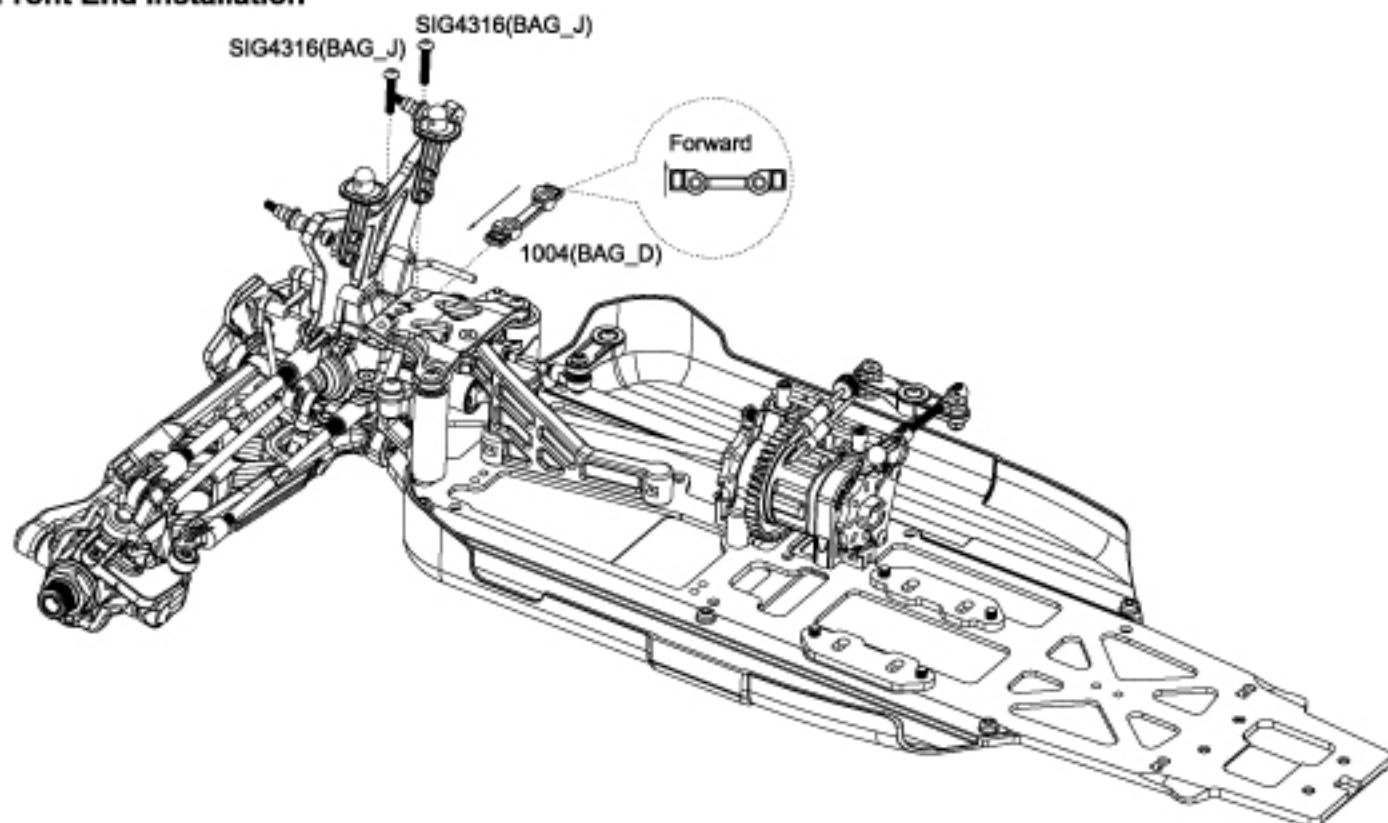
STEP - 2

Front End Install



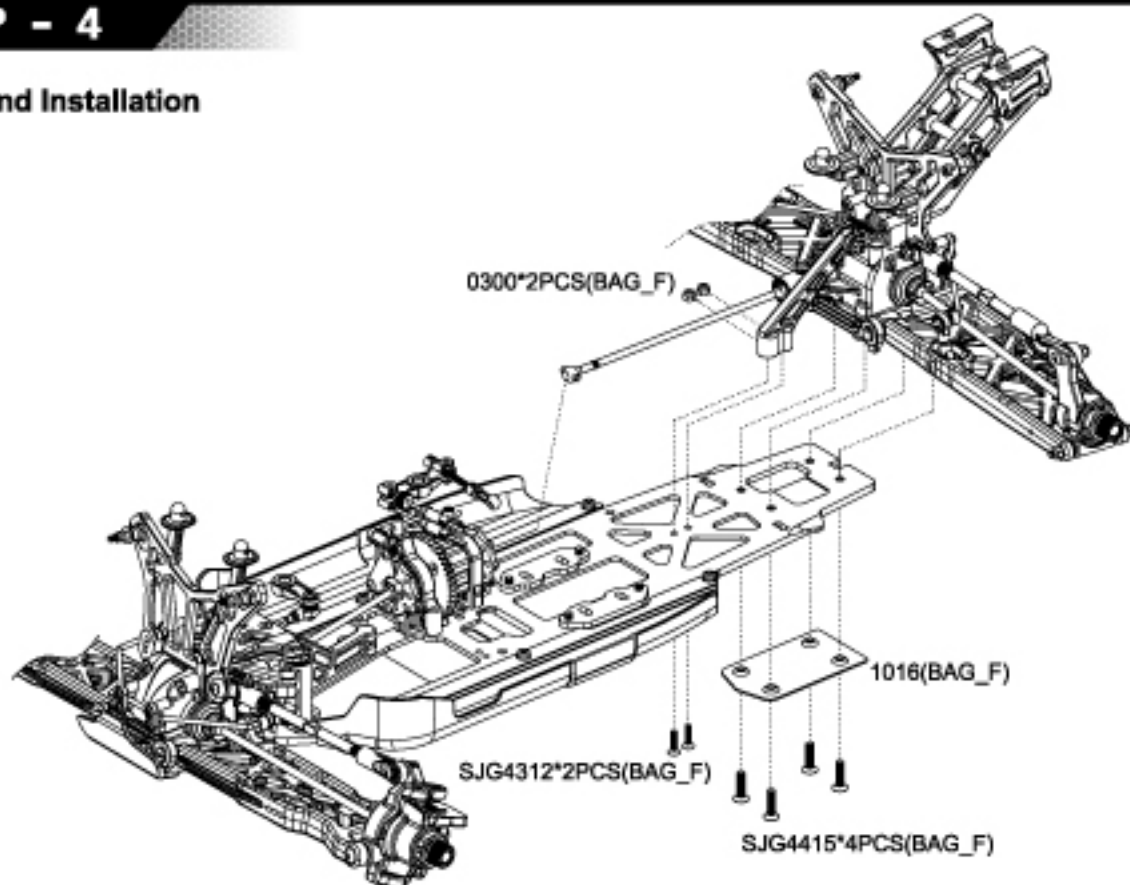
STEP - 3

Front End Installation



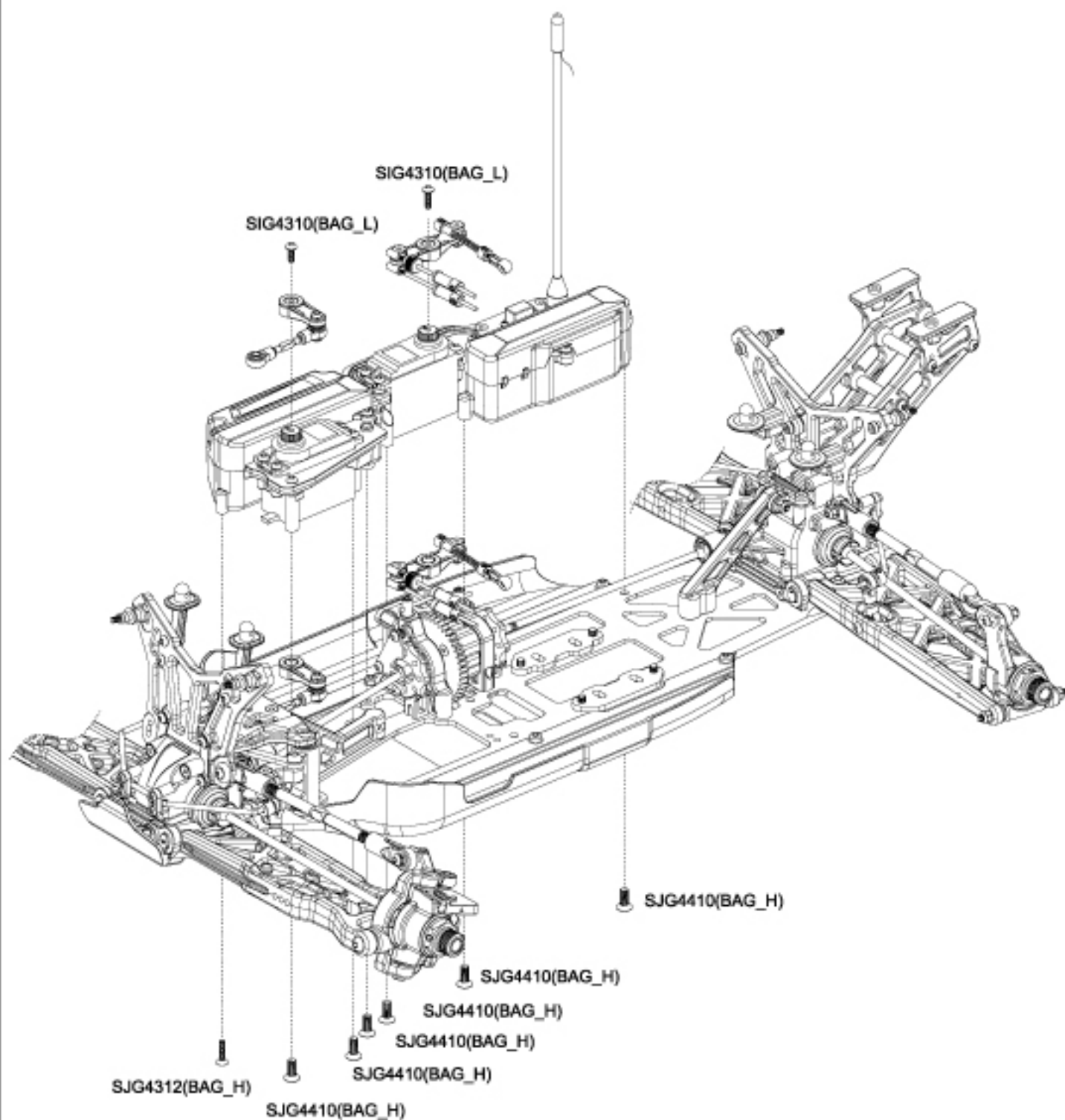
STEP - 4

Rear End Installation



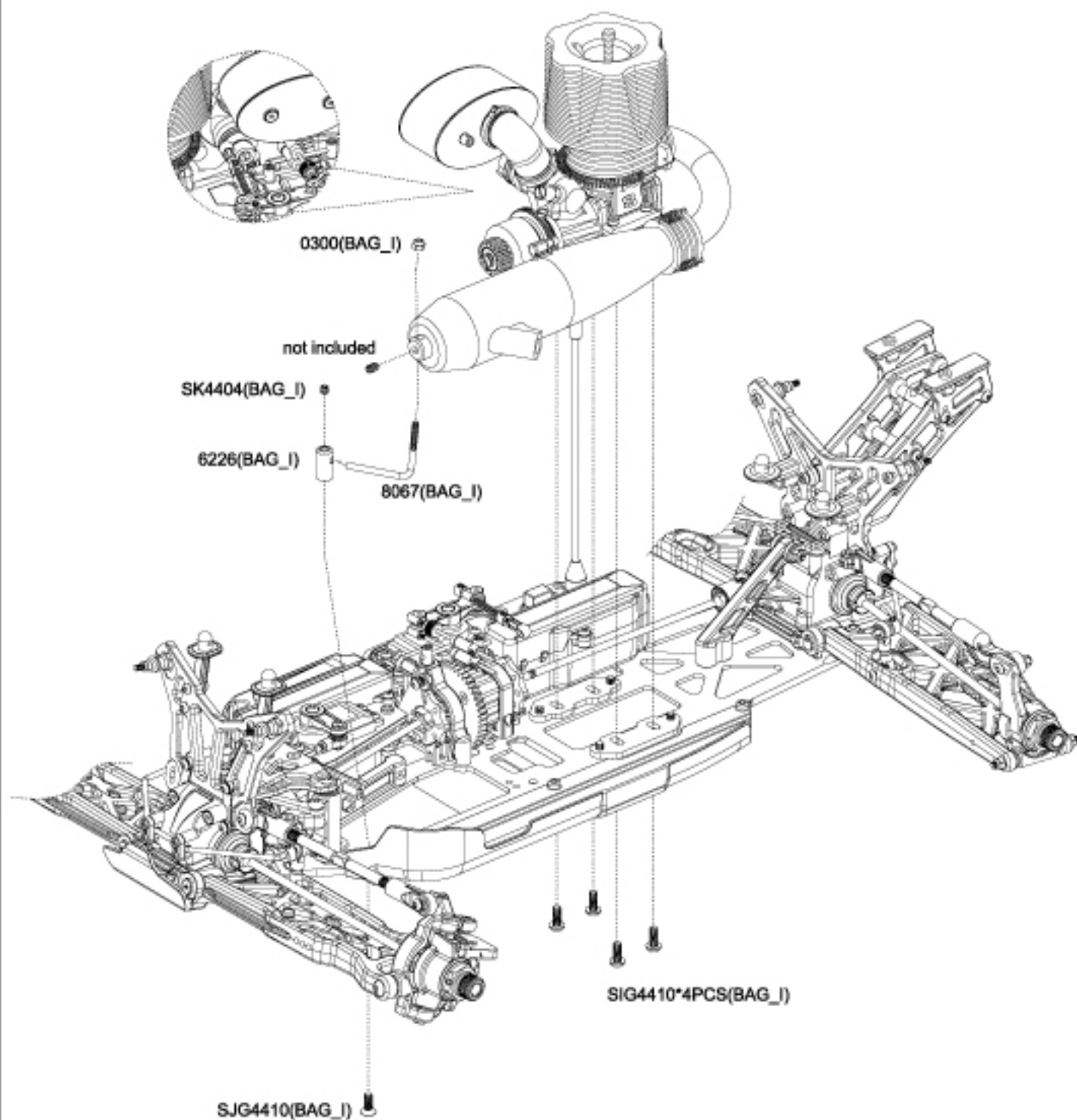
STEP - 5

Radio Tray Install



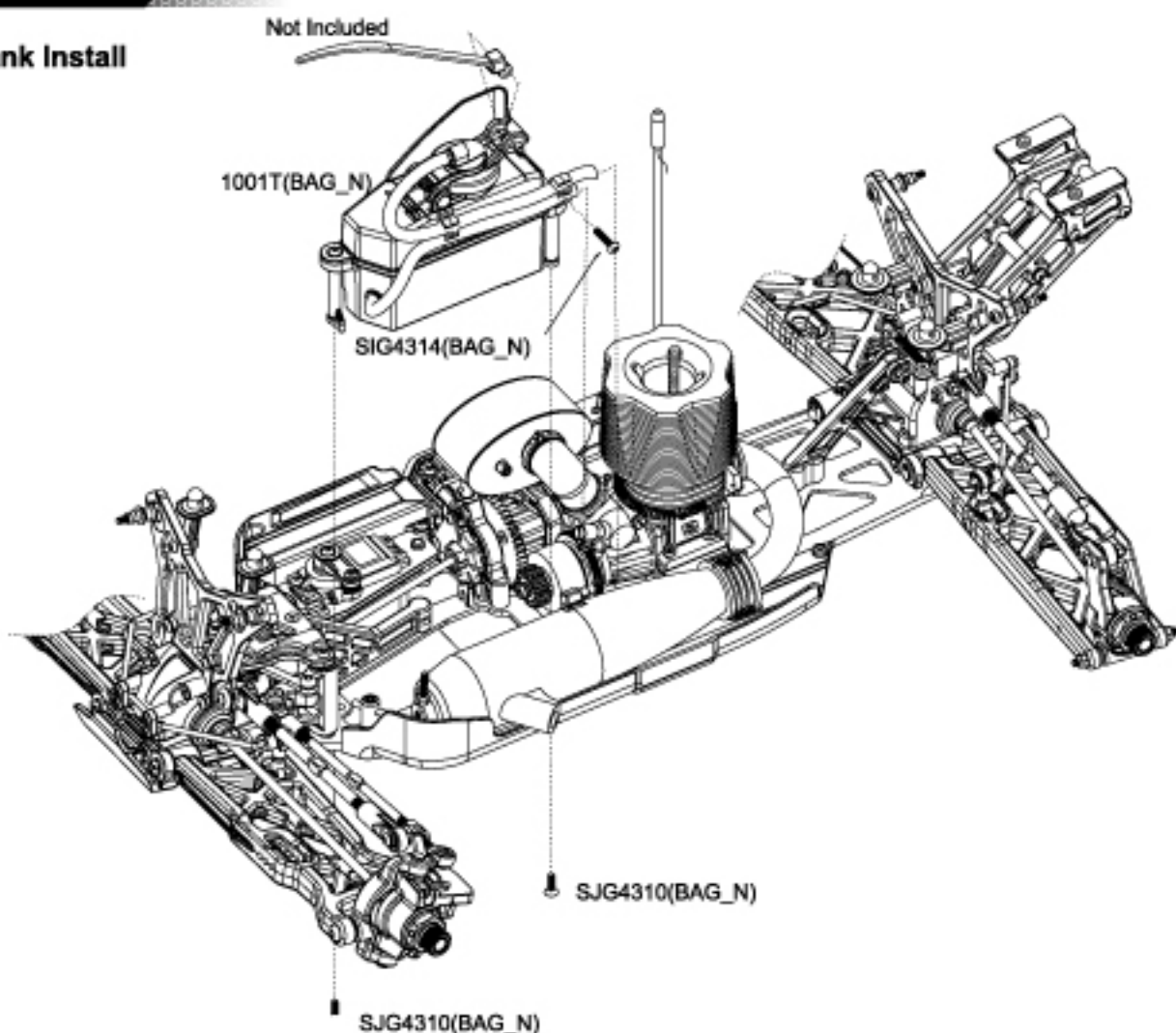
STEP - 6

Engine Set Install



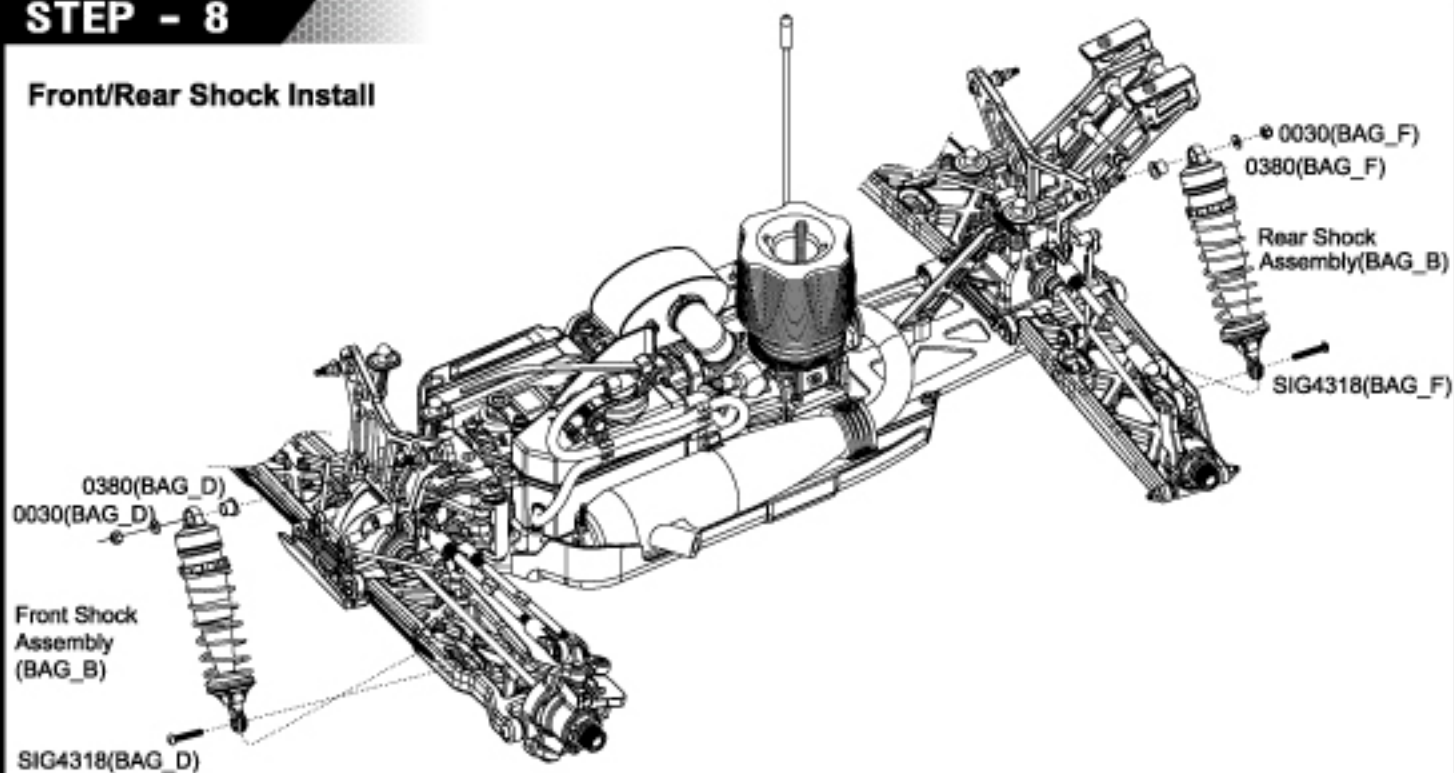
STEP - 7

Fuel Tank Install



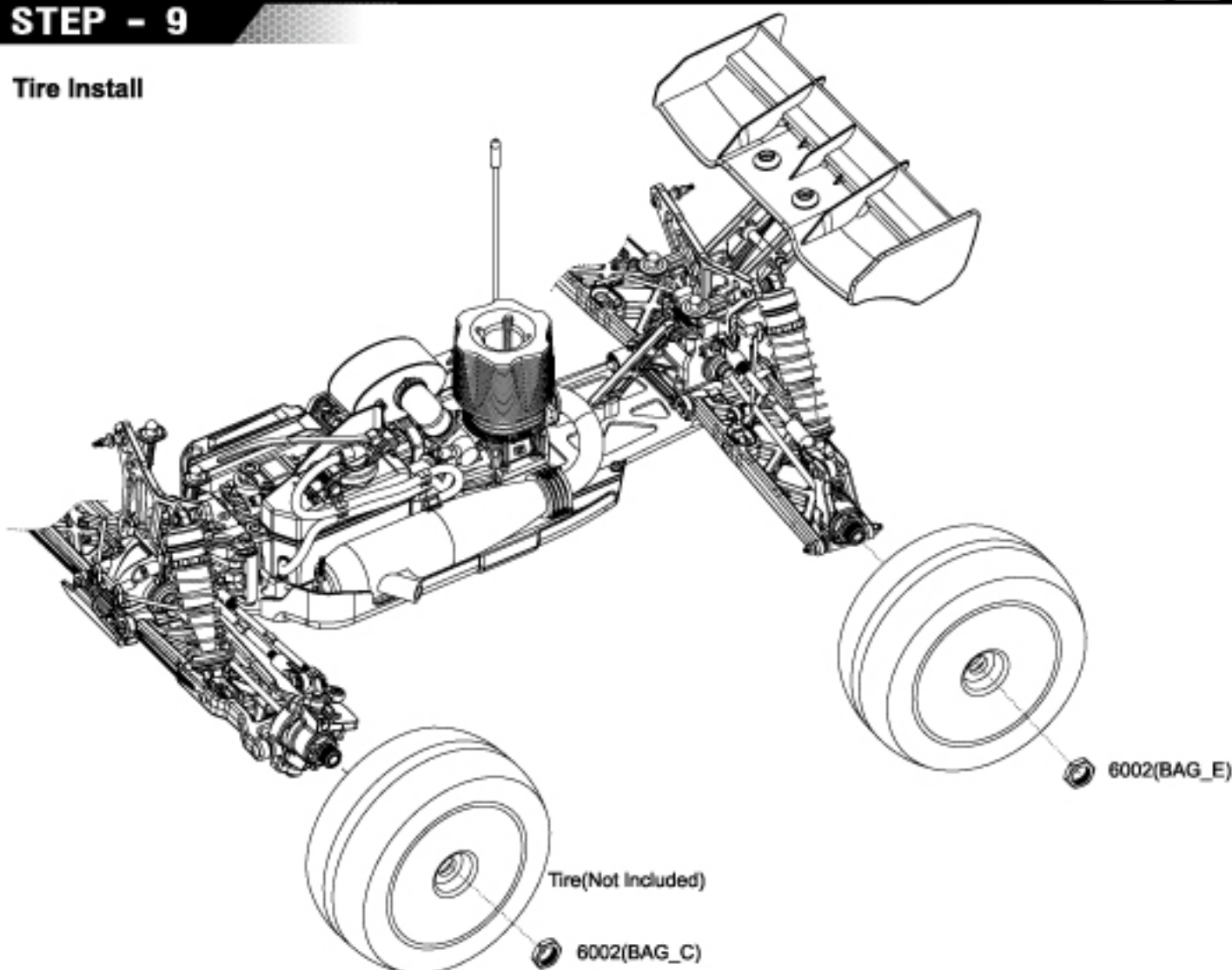
STEP - 8

Front/Rear Shock Install



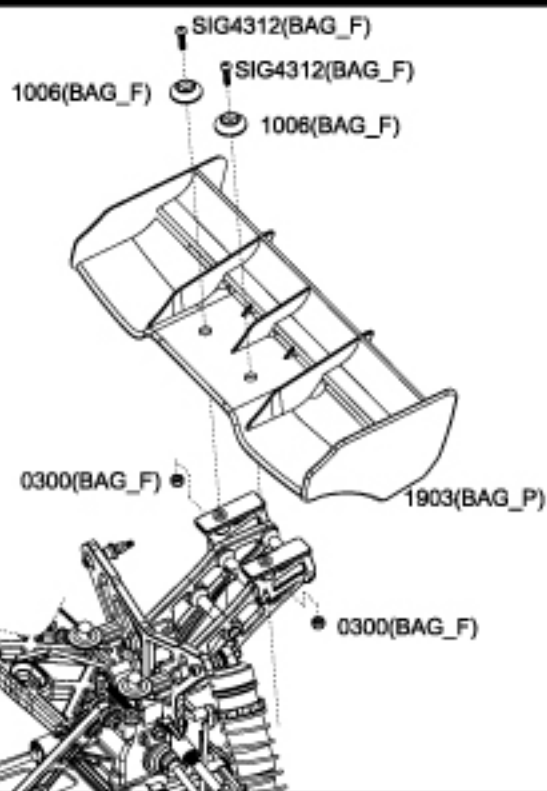
STEP - 9

Tire Install



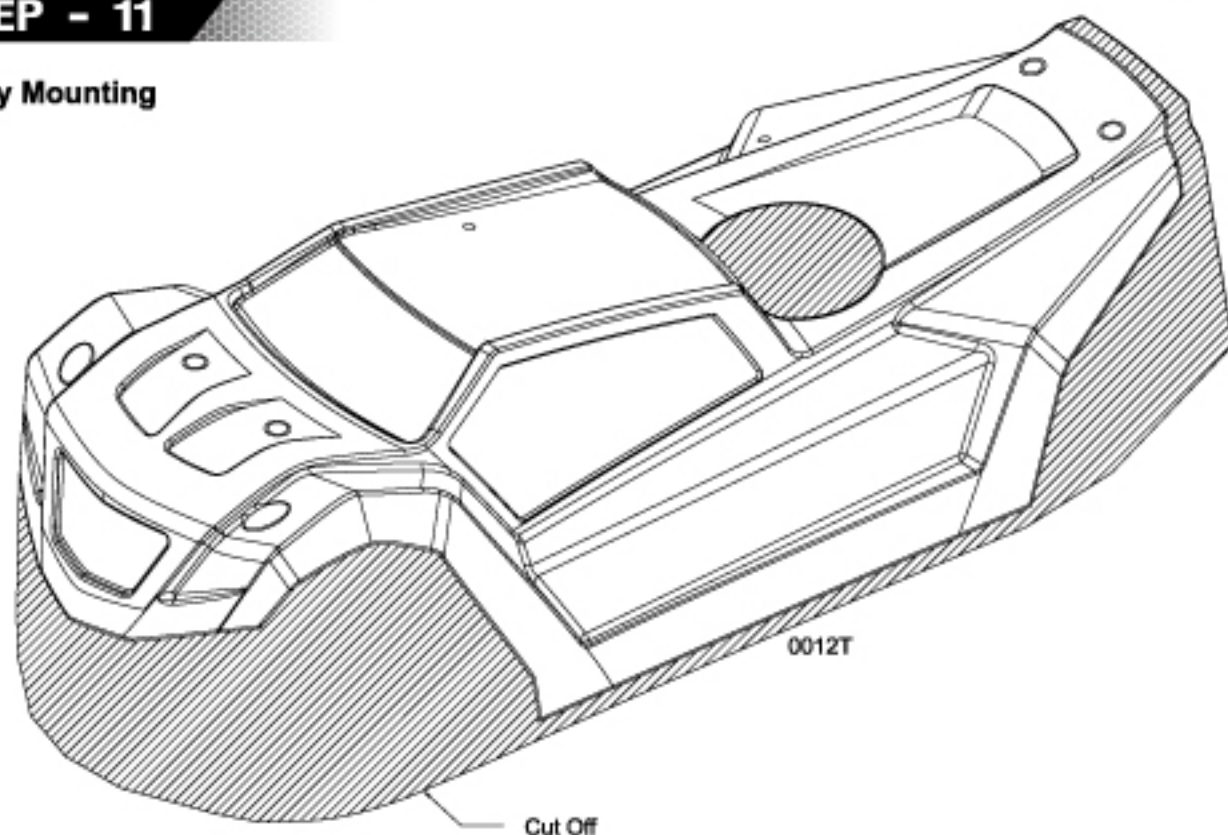
STEP - 10

Wing Install



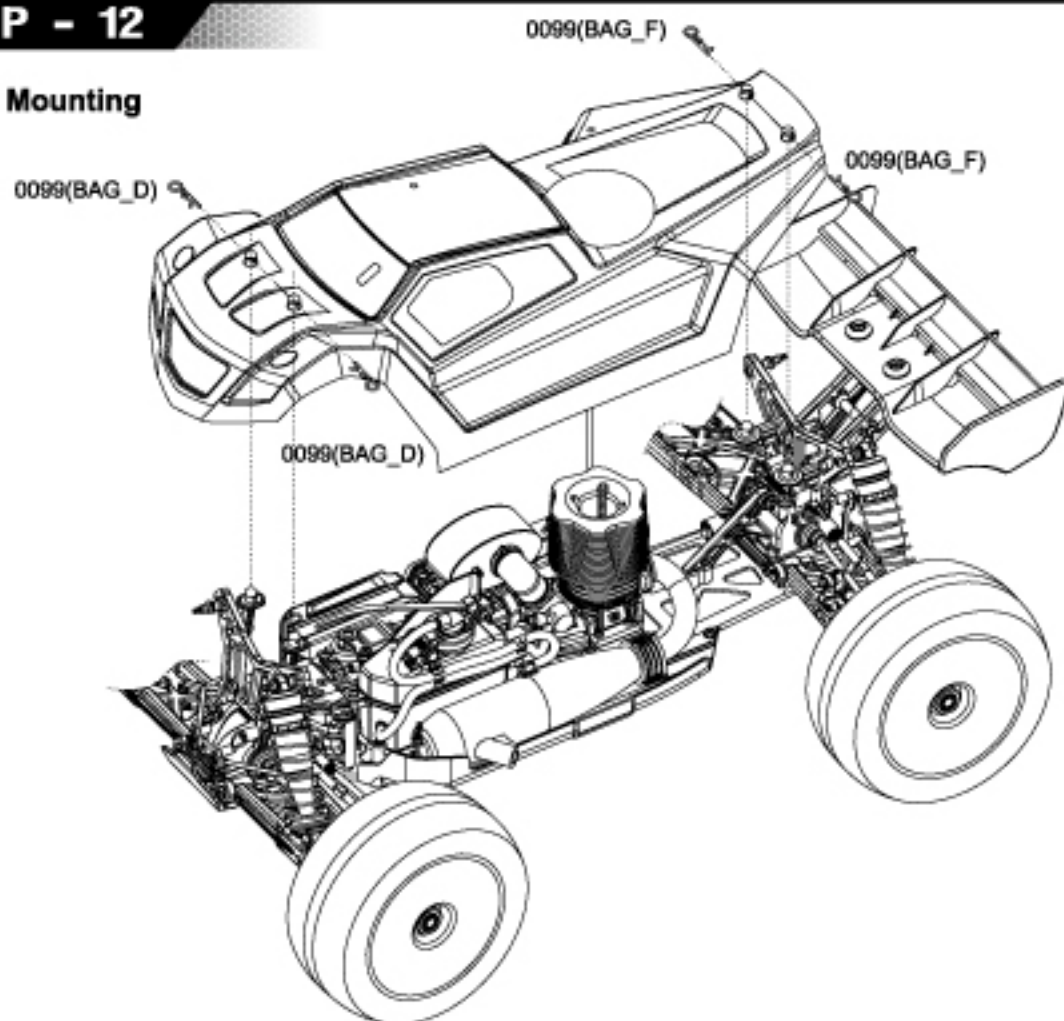
STEP - 11

Body Mounting



STEP - 12

Body Mounting



TRACK CONDITIONS

☐ Indoor ☐ Tight ☐ Smooth ☐ Hard Packed ☐ Blue Groove
☐ Wet ☐ Low Bite ☐ High Bite ☒ Outdoor ☒ Open ☒ Rough ☐ Loose/Loamy
☒ Dry ☐ Dusy ☐ Wed Bite ☐ Other

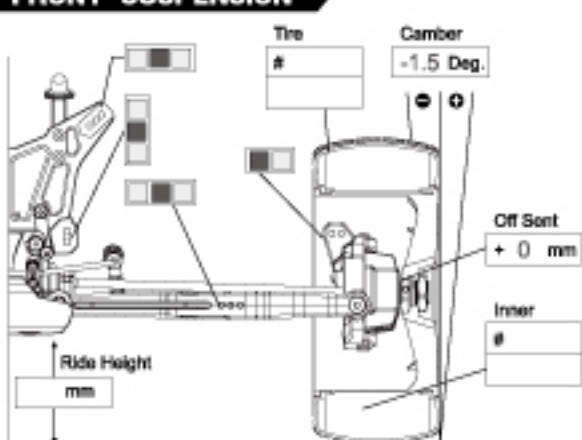
ENGINE

Gasket _____ mm Plug _____ Muffler _____ Fuel _____
 Clutch bell ☒ 13T ☐ 14T ☐ 15T ☐ Other _____ T Shoes ☒ 3 ☐ 4 Spring 1.1 mm

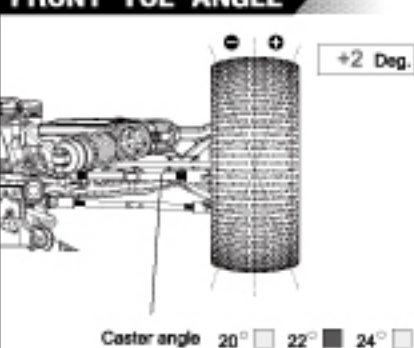
DIFF

Front ☐ T x ☐ T Oil # 5000 Center ☐ T x ☐ T Oil # 7000 Rear ☐ T x ☐ T Oil # 3000
 Spur gear 49 T

FRONT SUSPENSION



FRONT TOE ANGLE



ANTI ROLL BAR



KICK UP

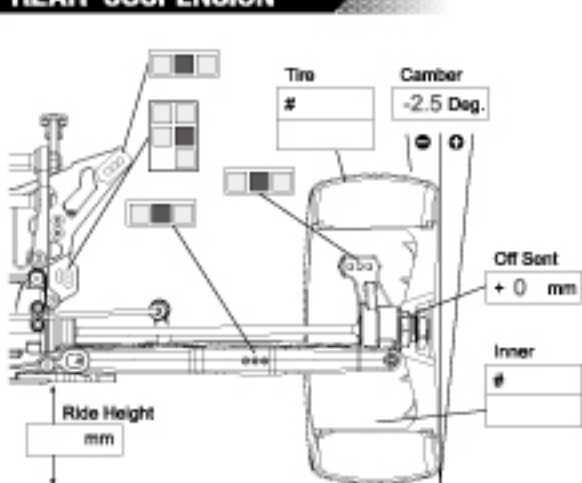


ANTI SQUAT

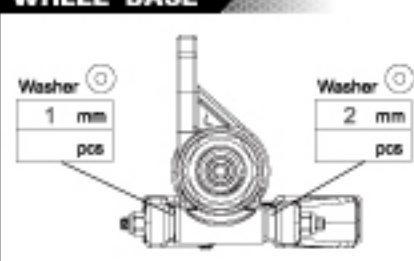


TOE ANGLE

REAR SUSPENSION



WHEEL BASE



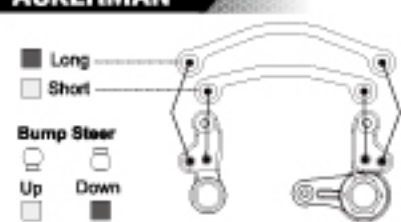
WING POSITION



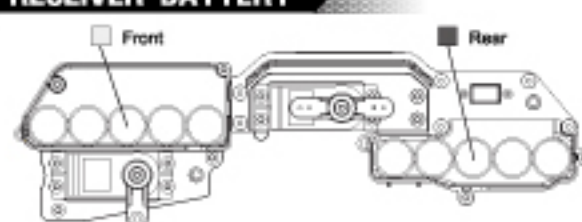
ANTI ROLL BAR



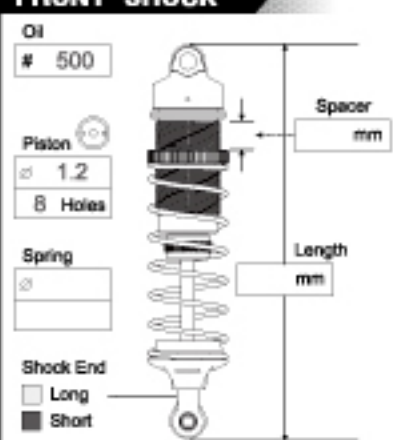
ACKERMAN



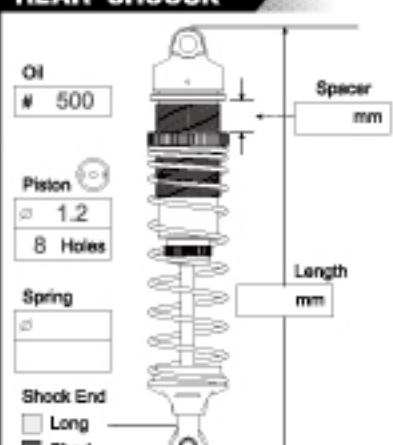
RECEIVER BATTERY



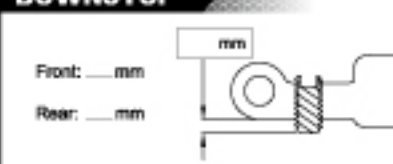
FRONT SHOCK



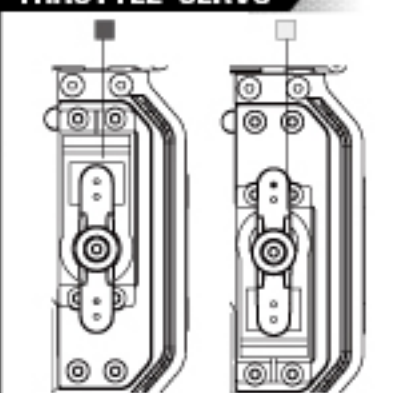
REAR SHOCK



DOWNSTOP



THROTTLE SERVO



TRACK CONDITIONS

☐ Indoor ☐ Tight ☐ Smooth ☐ Hard Packed ☐ Blue Groove

☐ Wet ☐ Low Bite ☐ High Bite ☐ Outdoor ☐ Open ☐ Rough ☐ Loose/Loamy

☐ Dry ☐ Dusy ☐ Wed Bite ☐ Other

ENGINE

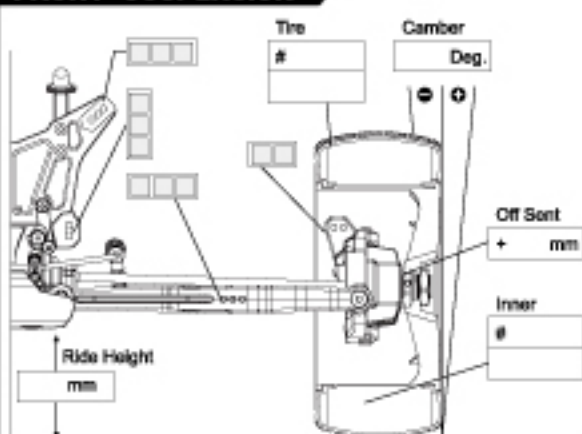
Gasket mm Plug Muffler Fuel

Clutch bell ☐ 13T ☐ 14T ☐ 15T ☐ Other T Shoes ☐ 3 ☐ 4 Spring mm

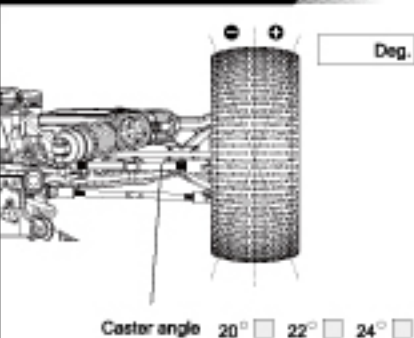
DIFF Front Oil # Center Oil # Rear Oil #

T x T Spur gear T T x T

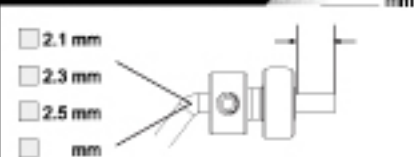
FRONT SUSPENSION



FRONT TOE ANGLE



ANTI ROLL BAR



KICK UP

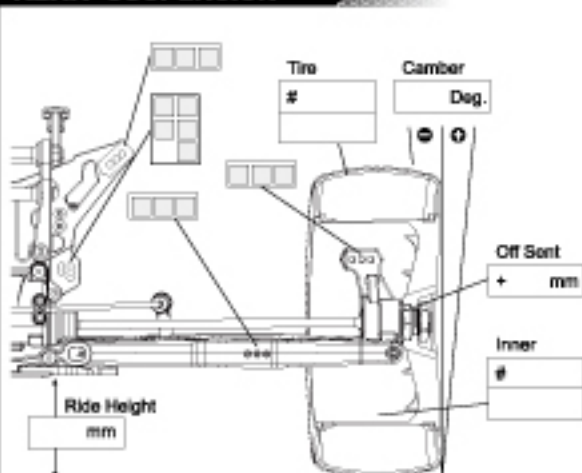


ANTI SQUAT

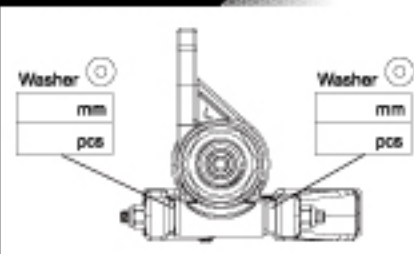
TOE ANGLE



REAR SUSPENSION



WHEEL BASE



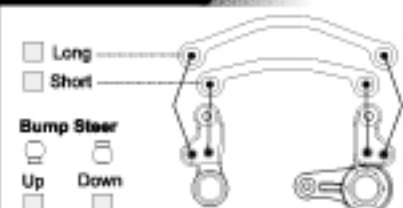
WING POSITION



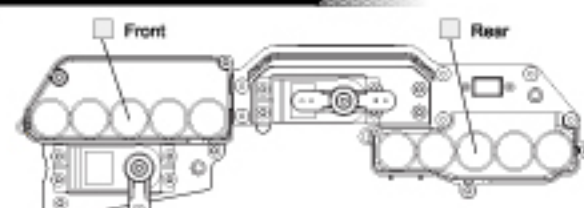
ANTI ROLL BAR



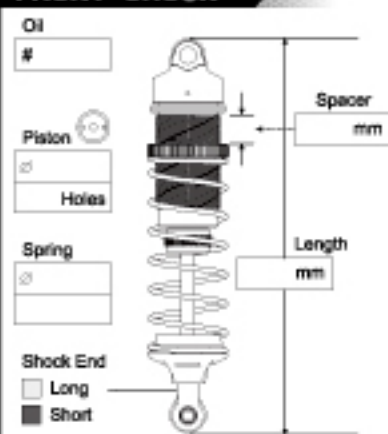
ACKERMAN



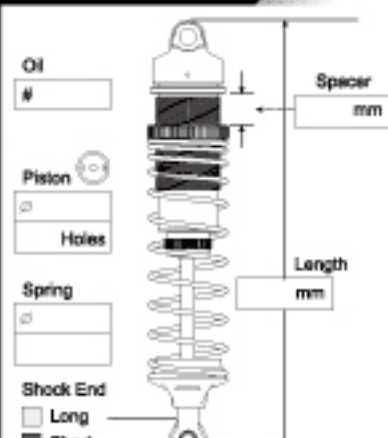
RECEIVER BATTERY



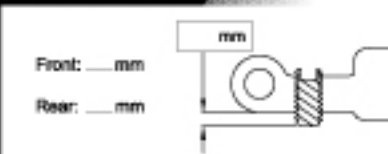
FRONT SHOCK



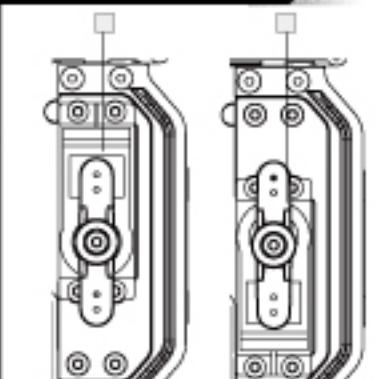
REAR SHOCK



DOWNSTOP



THROTTLE SERVO



Item	Description	Item	Description	Item	Description
BAG A-1		6253	2 Shock caps bottom	SK4310	2 Set screw 3*10
SJG4312	4 Screw 3*12	6254	2 Shock caps top	1002T	1set Front lower arm(truggy)
0001	1 Diff gasket	9008	2 Front spring	1207	4 Link ball for stabilizer
0022	2 Diff O-ring	8250T	2 Shock shaft front (truggy)	8210	2 Shock end ball
0013	2 Washer 6*12*0.2	BAG B-2		8224T	4 Front suspension arm bushing
0053	2 Ball bearing 8*16*5	0004	2 Dust rubber	8214	2 Link ball for stabilizer
9200	1 Rounded diff case	1112	4 Damper end parts	BAG D-1	
8056	2 Pin $\Phi 2.5 \times 11.8$	1212	2 Shock end tray	8910	1 F/R diff pinion gear 10T
8219	2 Outdrives	1312	2 Damper cap bush	0051	2 Ball bearing 5*13*4
8242	2 Shaft of planetary	6252	2 Shock adjuster nuts	1004	1set Front gear box
8710	4 Diff gear 10T	6253	2 Shock caps bottom	9237	1 F/R diff pinion coupler caps
8720	2 Diff gear 20 T	6254	2 Shock caps top	8243	1 F/R diff pinion coupler
8943	1 Front diff ring gear 43T	6249	2 Rear shock body	8057	1 Pin $\Phi 2.5 \times 12.6$
BAG A-2		9018	2 Rear spring	8216	1 CVD coupling
SJG4312	4 Screw 3*12	8251	2 Shock shaft rear	8217T(F)	1 Center drive shaft _F(truggy)
0001	1 Diff gasket	BAG B-3		1012	1 Front bumper
0022	2 Diff O-ring	0003	2 Diaphragm	SK4406	1 Set screw 4*6
0013	2 Washer 6*12*0.2	0008	4 Shock O-ring	SJG4415	4 Screw 4*15
0053	2 Ball bearing 8*16*5	0060	2 Oil seal cap O-ring	BAG D-2	
9200	1 Rounded diff case	0061	2 Damper O-ring	SJG4320	2 Screw 3*20
8056	2 PIN $\Phi 2.5 \times 11.8$	0091	2 Shock piston guide set	SIG4314	2 Screw 3*14
8219	2 Outdrives	0092	2 Shock piston guide set	0014	2 Washer 13.5*15.8*0.2
8242	2 Shaft of planetary	0096-0812	2 Piston 1.2 mm *8 holes	SJG4314	4 Screw 3*14
8710	4 Diff gear 10T	0300	2 3mm nylon nuts	8227	2 Hinge pin 4mm
8720	2 Diff gear 20 T	0360	2 Washer 3*6*0.5	1116	4 Hinge pin inserts
8843	1 Rear Diff. ring gear 43T	8210	2 Shock end ball	7201	1 Front hinge pin brace
BAG A-3		BAG C-1		7202	1 Front-rear hinge pin brace
SJG4312	4 Screw 3*12	1011	2 Front spindles	SK4303	4 Set screw 3*3
0001	1 Diff gasket	0053	2 Ball bearing 8*16*5	SG4256	4 Screw 2.5*6
0022	2 Diff O-ring	0054	2 Ball bearing 1/2*3/4*5/32	8023	1 Anti-roll bar $\Phi 2.3$
0013	2 Washer 6*12*0.2	8217T	2 CVD bone(truggy)	BAG D-3	
0052	2 Ball bearing 8*14*4	8218	2 Wheel axles	7220T	1set Front shock tower (truggy)
9200	1 Rounded diff case	8216	2 CVD coupling	SIG4310	4 Screw 3*10
8149	1 center Diff 49T spur gear	8057	2 Pin $\Phi 2.5 \times 12.6$	0099	2 R pin
8056	2 Pin $\Phi 2.5 \times 11.8$	8058	2 Pin $\Phi 3 \times 16.8$	1006T(F)	2 Body mount set(truggy)
8228	2 Center outdrives	6229	2 Wheel hexagon	SIG4314	4 Screw 3*14
8242	2 Shaft of planetary	SK4505	2 Set screw 5*5	SIG4318	8 Screw 3*18
8710	4 Diff gear 10T	6002	2 Wheel nuts	6246	2 Aluminum washer
8720	2 Diff gear 20T	BAG C-2		8232	2 Shock stand offset
BAG B-1		1111	2 Front spindle carriers	SG4325	2 Screw 3*25
0004	2 Dust rubber	8223	4 Suspension pin	0300	6 3mm nylon nuts
1112	4 Damper end parts	SK4306	4 Set screw 3*6	1007	4 Upper arm link
1212	2 Shock end tray	BAG C-3		8211	4 Pivot ball $\Phi 6.9$ mm
1312	2 Damper cap bush	SK4408	2 Set screw 4*8	8220T	2 Front turnbuckles(truggy)
6248T	2 Front shock body(truggy)	SIG4414	4 Screw 4*14	0380	2 Washer 3*8*0.7
6252	2 Shock adjuster nuts	SIG4320	2 Screw 3*20	4258GB	1set Dust rejection bearing holder

Item	Description	Item	Description	Item	Description
BAG D-4		1009-18	1 Front upper plate	SIG4312	4 Screw 3*12
8213	2 Pivot ball Ø6.9mm	SIG4306	4 Screw 3*6	7207	1 Aluminum Diff mount
1307	4 Rod end	SJG4310	2 Screw 3*10	SJG4308	4 Screw 3*8
8222T	2 Rotate turnbuckles(truggy)	SJG4314	2 Screw 3*14	SJG4410	4 Screw 4*10
8212	2 Pivot ball Ø6.9mm	7203	1 Rear-front hinge pin brace	BAG H	
0300	2 3mm nylon nuts	1116	4 Hinge pin inserts	1008	1set Radio box
SJG4318	2 Screw 3*18	8227	2 Hinge pin 4mm	6208	1 Rotate aluminum plate
BAG E-1		SK4303	4 Set screw 3*3	6209	1 Carburetor aluminum plate
SK4505	2 Set screw 5*5	8324	1 Anti-roll bar Ø2.4	0062	1 Antenna pipe & cover
6229	2 Wheel hexagon	SG4256	4 Screw 2.5*6	0063	1 Antenna set & cover
8058	2 Pin Ø3*16.8	BAG F-3		0005	1 Switch cover
0053	2 Ball bearing 8*16*5	SG4325	2 Screw 3*25	6241	1set Antenna set
1010	1set Rear upright	SG4320	2 Screw 3*20	SIG4316	8 Screw 3*16
0054	2 Ball bearing 1/2*3/4*5/32	1006	1set Wing stay	SIG4306	5 Screw 3*6
8218	2 Wheel axles	8232	2 Shock stand offset	SJG 4308	4 Screw 3*8
8057	2 Pin Ø2.5*12.6	0300	6 3mm nylon nuts	SJG4312	3 Screw 3*12
8216	2 CVD coupling	9508	3 Aluminum wing stay brace	SJG 4410	6 Screw 4*10
8217T	2 CVD bone(truggy)	SIG4312	8 Screw 3*12	SK 4303	1 Set Screw 3*3
6002	2 Wheel nuts	0380	4 Washer 3*8*0.7	SIG 4310	3 Screw 3*10
BAG E-2		SIG4310	2 Screw 3*10	BAG I-1	
1003T	1set Rear lower arm(truggy)	7221T	1set Rear shock tower (truggy)	6001	1set Clutch shoes
0300	4 3mm nylon nuts	SIG4310	4 Screw 3*10	BAG I-2	
8238	2 Hinge pin studs	0099	2 R pin	6244	1set Flywheel
1207	4 Link for stabilizer	1006T(R)	2 Body mount set(truggy)		Bushing
8214	2 Link ball for stabilizer	BAG F-4			Flywheel nut
SIG4320	2 Screw 3*20	1009-16	1 F/R brace set	SG4308	1 Screw 3*8
8210	2 Shock end ball	SIG4318	7 Screw 3*18	0380	1 Washer 3*8*0.7
SK4408	2 Set screw 4*8	0300	7 3mm nylon nuts	0056	2 Ball bearing 5*10*4
SK4310	2 Set screw 3*10	SIG4314	4 Screw 3*14	0016	3 Washer 5*7*0.2
BAG F-1		6246	2 Aluminum washer	8313	1 Clutch bell 13T
8910	1 F/R diff pinion gear 10T	8211	4 Pivot ball Ø6.9mm	BAG I-3	
0051	2 Ball bearing 5*13*4	1007	2 Upper arm link	6210	2 Engine mount retainer
1005	1set Rear gear box	1107	2 L upper arm link	6206	2 Engine mount
9237	1 F/R diff pinion coupler caps	8221T	2 Rear turnbuckles(truggy)	SG4314	4 Screw 3*14
8243	1 F/R diff pinion couplers	SJG4312	2 Screw 3*12	SIG 4410	4 Screw 4*10
8057	1 Pin Ø2.5*12.6	BAG G		SJG4410	6 Screw 4*10
SK4406	1 Set screw 4*6	6234	2 Front brake cam	0017	4 Gap washer 3*5
8216	1 CVD coupling	1014	6 Center diff mount	BAG I-4	
8217T(R)	1 Center drive shaft_R (truggy)	SK4306	2 Set screw 3*6	6226	1set Muffler stay
1016	1 Rear bumper	SJG4308	2 screw 3*8	0300	1 3mm nylon nuts
SJG4415	4 Screw 4*15	8059	2 Brake steel stick	8067	1 Steel stick
BAG F-2		SK4303	2 Set screw 3*3	SJG4410	1 Screw 4*10
SJG4345	2 Screw 3*45	6266	2 Brake piston	SK4404	1 Set screw 4*4
7204	1 Rear-rear hinge pin brace	0010	4 Brake clip	SK  SG  SJG  SIG 	
SJG4320	2 Screw 3*20	0011	4 Brake clip spring		
0014	2 Washer 13.5*15.8*0.2	9009	2 Brake disk		

Item		Description	Item		Description	Item		Description
BAG J-1			BAG N					
6235	1	Steering over-ride hardware	1001T	1	Fuel tank Truggy			
1019	3	Steering set		1	Pull rod			
8066	1	Over-ride spring	SJG4310	2	Screw 3*10			
8236	1	Steering over-ride nuts	SIG4314	1	Screw 3*14			
8257	2	Bushing	BAG O					
SIG4408	2	Screw 4*8	7001T	1	Chassis Truggy			
8062	1	Steering rack (long)	BAG P					
8063	1	Steering rack (short)		1	Wing			
SJG4318	2	Screw 3*18						
SIG4316	2	Screw 3*16						
BAG J-2								
8210	2	Shock end ball						
1207	2	Link for stabilizer						
8264	1	Servo rotate turnbuckle						
0300	2	3mm nylon nuts						
SIG4312	1	Screw 3*12						
SIG4314	1	Screw 3*14						
BAG J 3								
6225	2	Bell crank shafts						
SJG4410	2	Screw 4*10						
SJG4312	3	Screw 3*12						
0300	3	3mm nylon nuts						
1009	2	Front upper plate & F/R brace set						
SJG4308	1	Screw 3*8						
0055	4	Ball bearing 6*10*3						
SIG4312	2	Screw 3*12						
BAG K								
1017	1 set	Stone guard						
SJG4308	5	Screw 3*8						
BAG L								
1015	1 set	Rotate servo set						
6003	4	Throttle/brake linkage						
6265	1	Throttle and brake linkage						
8064	3	Carburetor						
8065	1	Carburetor spring						
SK4303	5	Set screw 3*3						
SIG 4310	2	Screw 3*10						
0300	1	3mm nylon nuts						
SJG4312	2	Screw 3*12						
	2	Oil pipe 10 mm						
BAG M								
1013	2	Air clean						
SJG4310	2	Screw 3*10						
0050	1	Air filter foam						
0064	2	Strap						



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OFFROAD TRUGGY***

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