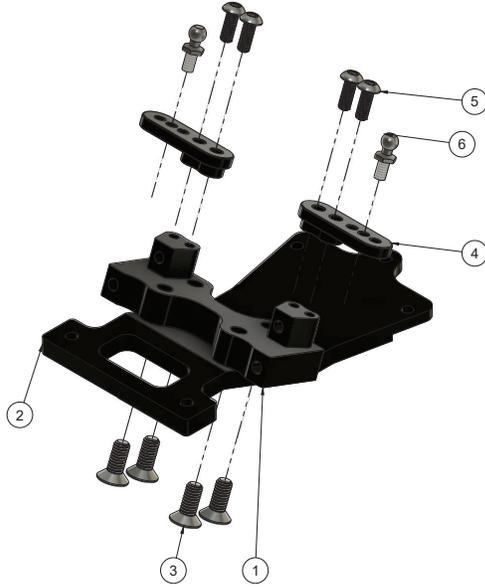


ASSAILANT

GFR-7012-SB

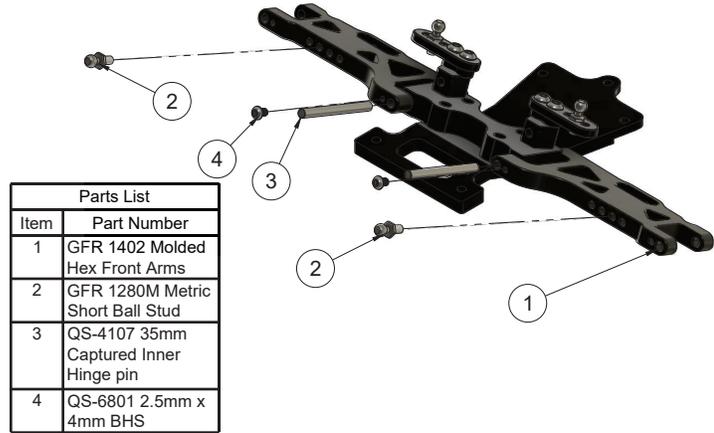


STEP 1 Bag A



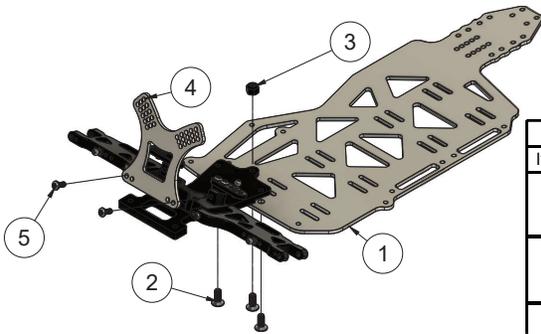
Parts List	
Item	Part Number
1	GFR-1114M Metric Alum Front Bulkhead
2	GFR 1086M Metric 3 Hole 30 deg nose plate
3	QS-6831 4mm x 10mm FHS
4	GFR-2060 Aluminum Camber Link Extensions
5	QS-6805 3mm x 8mm BHS
6	GFR 1280M Metric Short Ball Stud

STEP 2



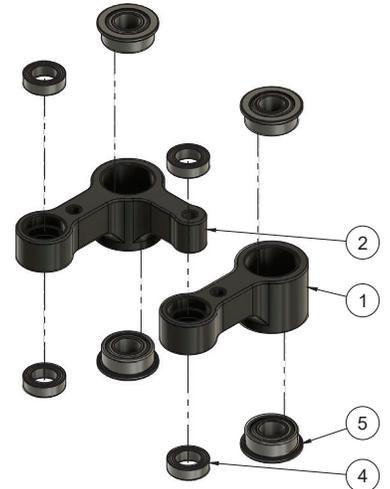
Parts List	
Item	Part Number
1	GFR 1402 Molded Hex Front Arms
2	GFR 1280M Metric Short Ball Stud
3	QS-4107 35mm Captured Inner Hinge pin
4	QS-6801 2.5mm x 4mm BHS

STEP 3



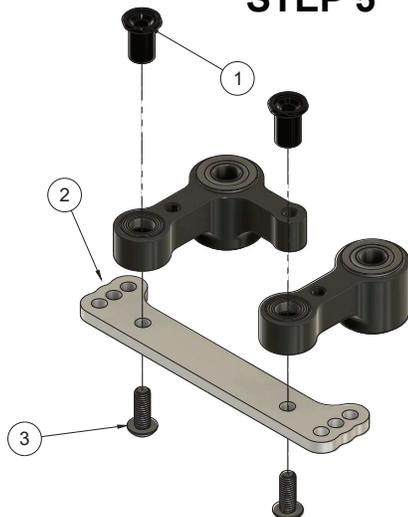
Parts List	
Item	Part Number
1	GFR-1510 2024 Assailant Chassis Plate
2	QS-6831 4mm x 10mm FHS
3	QS-6834 4mm Locknut
4	GFR-1511 2024 Assailant Fr Shck Tower
5	QS-6805 3mm x 8mm BHS

STEP 4 Bag B



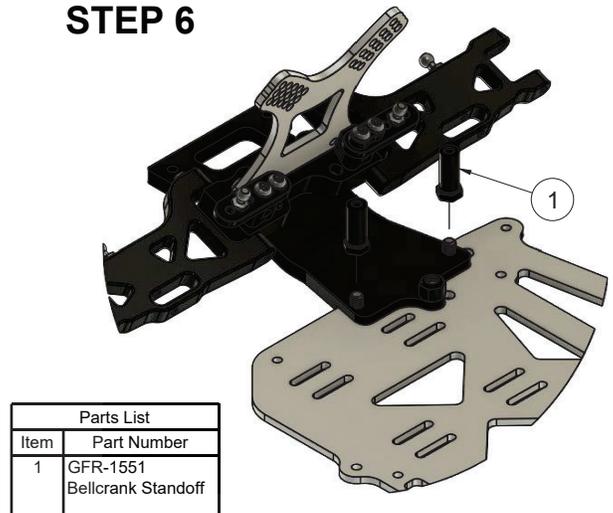
Parts List	
Item	Part Number
1	GFR-1552 Molded Dual Bell Crank
2	GFR 1610 Dual Bell Crank
3	GFR-1553 Bell Crank Akerman Plate
4	QS-6038 5x8x2.5 Bearing
5	QS-6037 Flanged 6x10 Bearing

STEP 5



Parts List	
Item	Part Number
1	GFR-1550 Drag Link Insert
2	GFR-1553 Bell Crank Akerman Plate
3	QS-6805 3mm x 8mm BHS

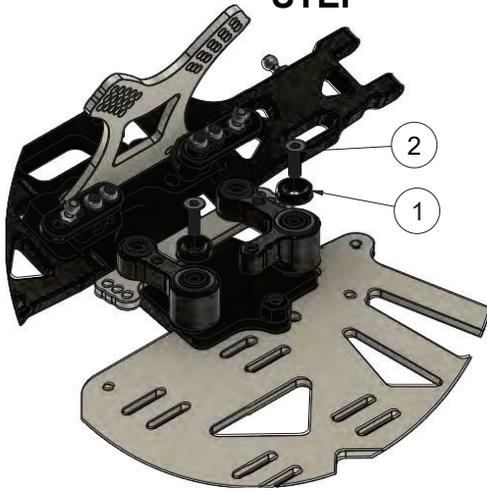
STEP 6



Parts List	
Item	Part Number
1	GFR-1551 Bellcrank Standoff

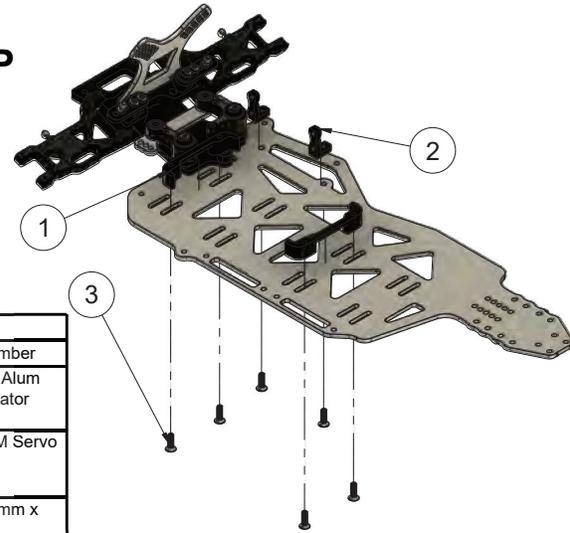
STEP

Parts List	
Item	Part Number
1	GFR 6422 Countersunk Washer
2	QS-6808 3mm x 10mm FHS



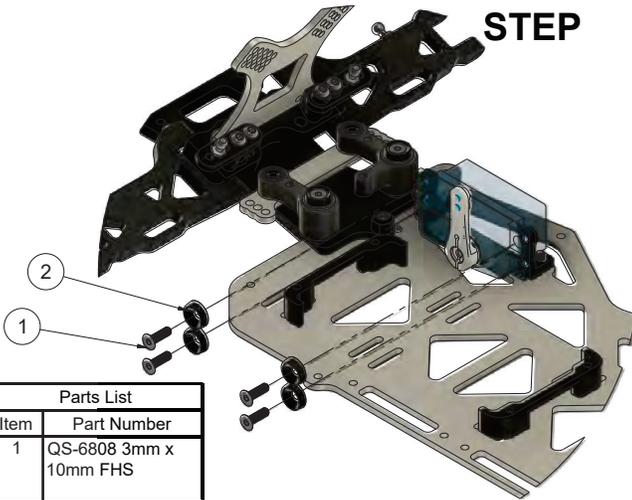
STEP

Parts List	
Item	Part Number
1	QS-1402M Alum Battery Locator
2	GFR-1231M Servo Mounts
3	QS-6808 3mm x 10mm FHS



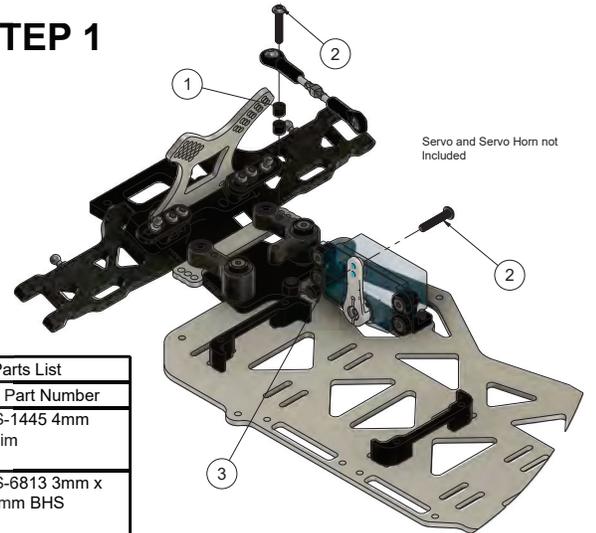
STEP

Parts List	
Item	Part Number
1	QS-6808 3mm x 10mm FHS
2	GFR 6422 Countersunk Washer



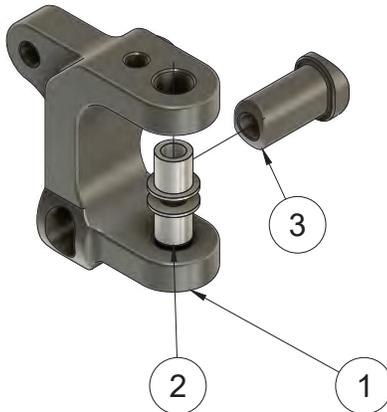
STEP 1

Parts List	
Item	Part Number
1	QS-1445 4mm Shim
2	QS-6813 3mm x 16mm BHS
3	QS-6833 3mm Locknut



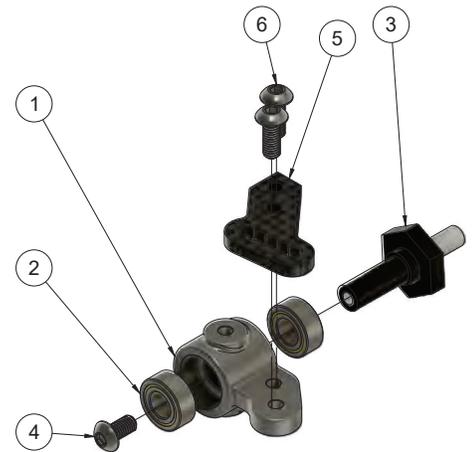
STEP 11

Parts List	
Item	Part Number
1	GFR-1367 Molded Adj Caster Block (RF)
2	GFR 1286M Metric Caster Block Bushing
3	0 Deg Insert



STEP 12

Parts List	
Item	Part Number
1	GFR 1381 0° Steering Block
2	QS 6000 5x10x4 Bearing
3	QS-1400 Front Axle Hex
4	QS-6803 3mm x 6mm BHS
5	GFR 1234 Steering Arm Ext
6	QS-6805 3mm x 8mm BHS

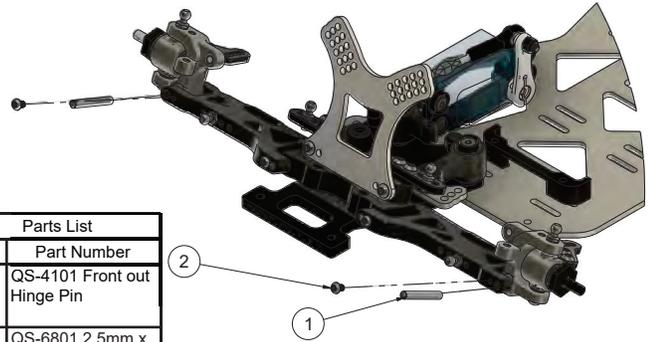


STEP 13



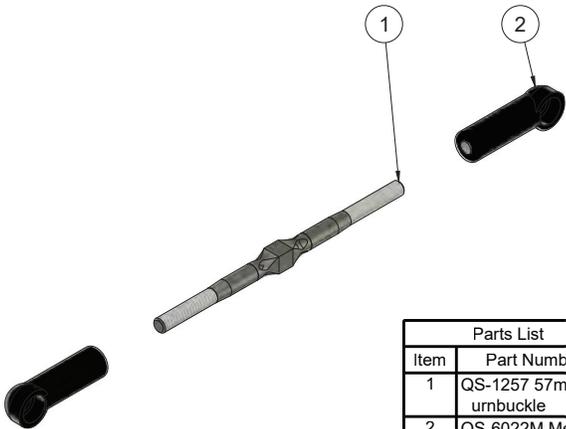
Parts List	
Item	Part Number
1	QS-6805 3mm x 8mm BHS
2	QS-1281M Metric Long Ball Stud

STEP 14



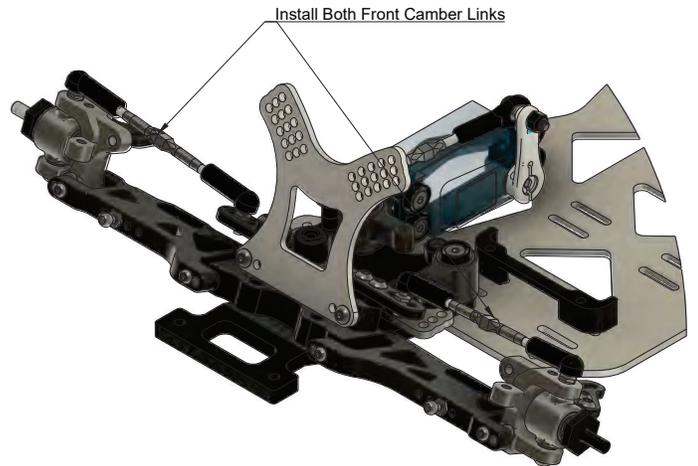
Parts List	
Item	Part Number
1	QS-4101 Front out Hinge Pin
2	QS-6801 2.5mm x 4mm BHS

STEP 15

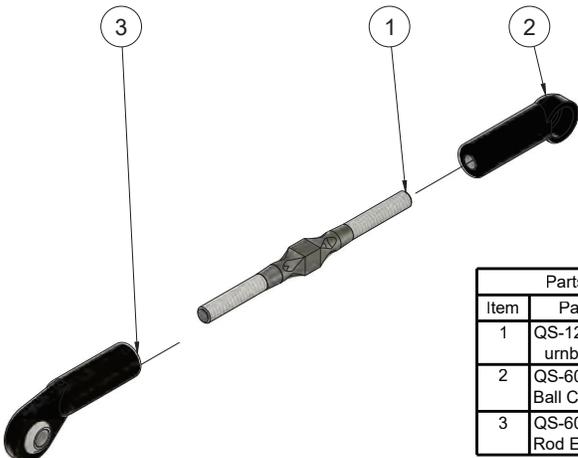


Parts List	
Item	Part Number
1	QS-1257 57mm urethane
2	QS-6022M Metric Ball Cu

STEP 16

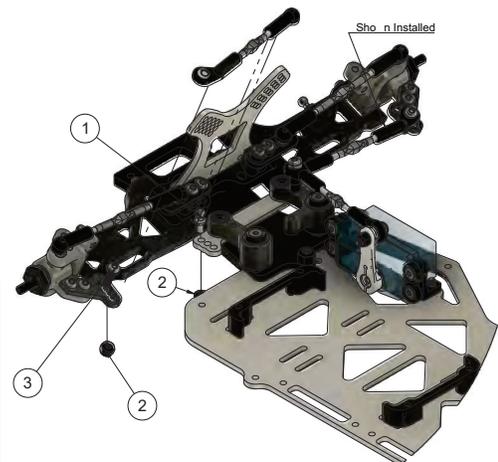


STEP 1



Parts List	
Item	Part Number
1	QS-1245 45mm urethane
2	QS-6022M Metric Ball Cu
3	QS-6021 Angled Rod End

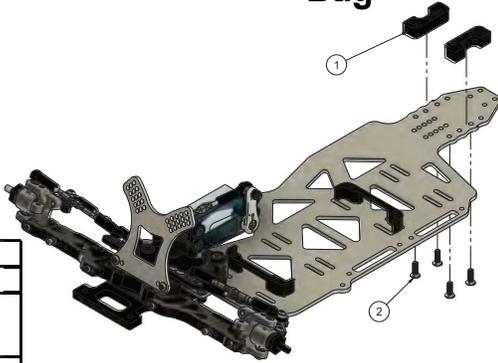
STEP 1



Parts List	
Item	Part Number
1	GFR-1280M Metric Short Ball Stud
2	QS-6833 3mm Locknut
3	QS-680 3mm x12mm BHS

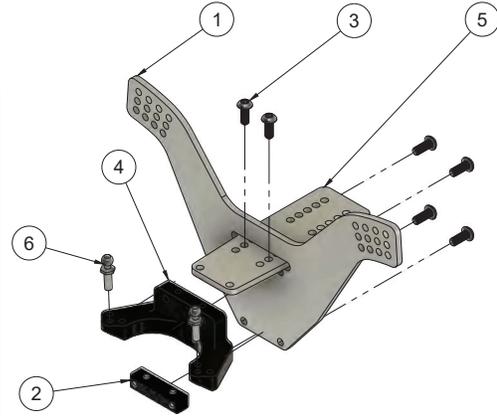
STEP 1 Bag

Parts List	
Item	Part Number
1	GFR-1065M Metric 0.2 Toe Block
2	QS-6808 3mm x 10mm FHS



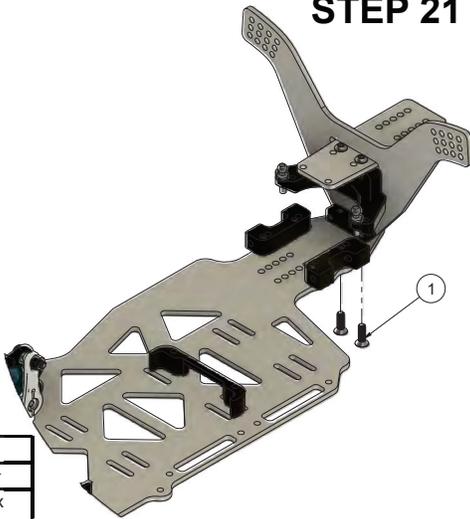
STEP 2

Parts List	
Item	Part Number
1	GFR-1512 Assnt 2024 Rear Shock Tower
2	GFR 106 M Metric Toe Block
3	QS-6805 3mm x 8mm BHS
4	GFR-1288M Rear Camber Link Mount
5	GFR-1513 Assnt 2024 Trans Brace
6	GFR 127 M Metric Medium Ball Stud



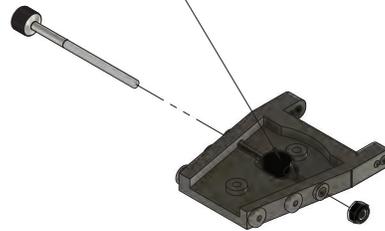
STEP 21

Parts List	
Item	Part Number
1	QS-6808 3mm x 10mm FHS



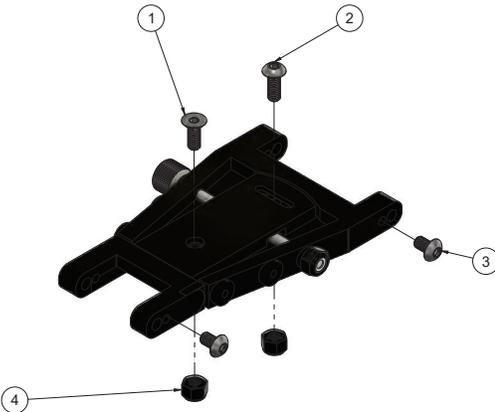
STEP 22

- 1 INS ALL IN SL
- 2 HREAD AD S MEN SCREW
- 3 IGH EN L C N ILL HEB L IS IN HEN L NL C
- 4 AD S MEN SCREW SH LD RN FREE



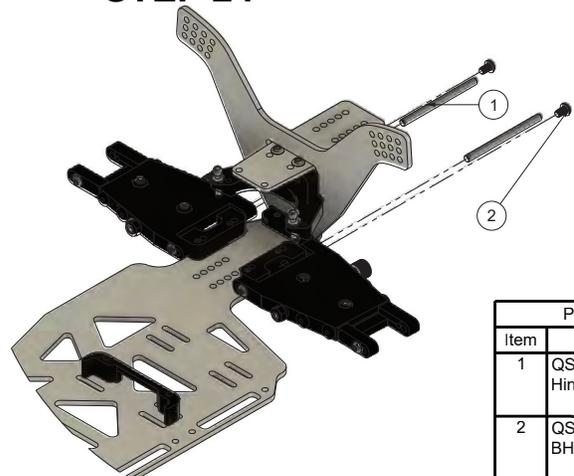
STEP 23

Parts List	
Item	Part Number
1	QS-6806 3x8mm FHS
2	QS-6805 3mm x 8mm BHS
3	QS-6802 3x5mm BHS
4	QS-6833 3mm Locknut

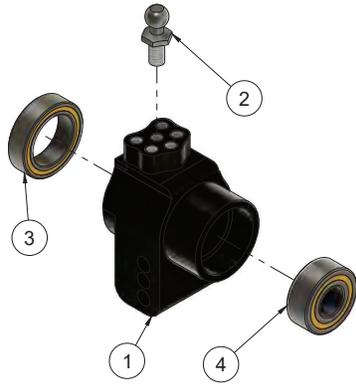


STEP 24

Parts List	
Item	Part Number
1	QS-4111 Castured Hinge Pin 44mm
2	QS-6802 3x5mm BHS

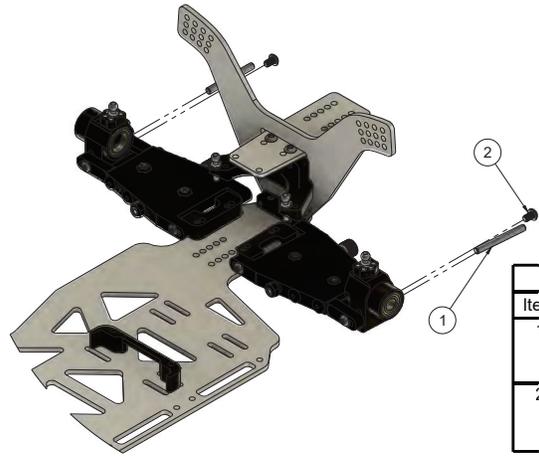


STEP 25



Parts List	
Item	Part Number
1	GFR 122 M Metric Aluminum Hubs
2	GFR 1280M Metric Short Ball Stud
3	QS- 6001 10x15x4 Bearing
4	QS 6002 6x13x5 Bearing

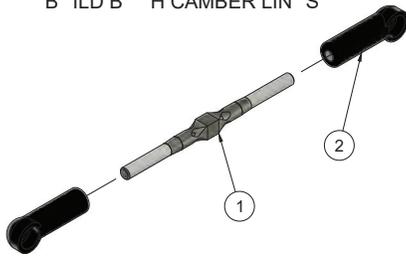
STEP 26



Parts List	
Item	Part Number
1	QS-4105 Cast Hinged Hinge Pin 2 mm
2	QS-6802 3x5mm BHS

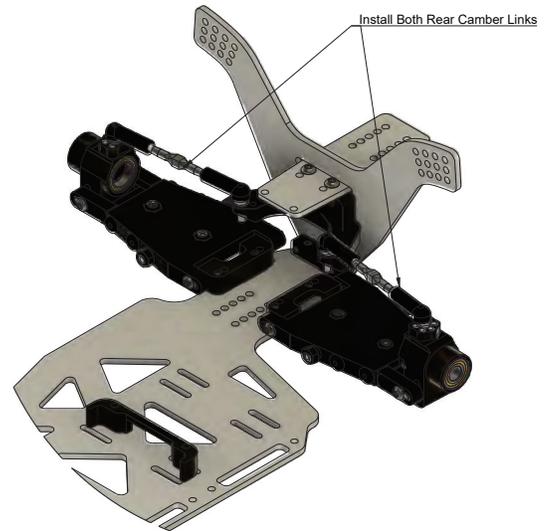
STEP 2

BUILD BACK CAMBER LINKS

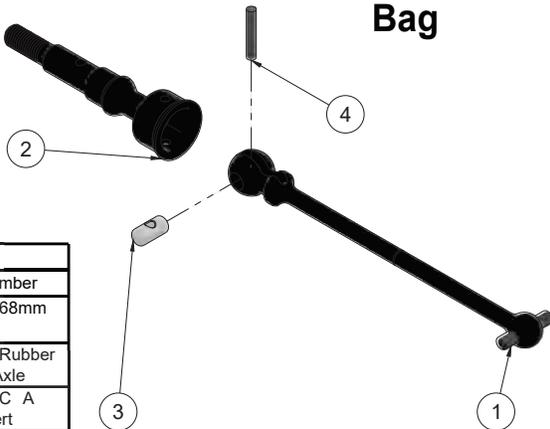


Parts List	
Item	Part Number
1	QS-1250 50mm Turnbuckle
2	QS-6022 Ball Cup

STEP 2

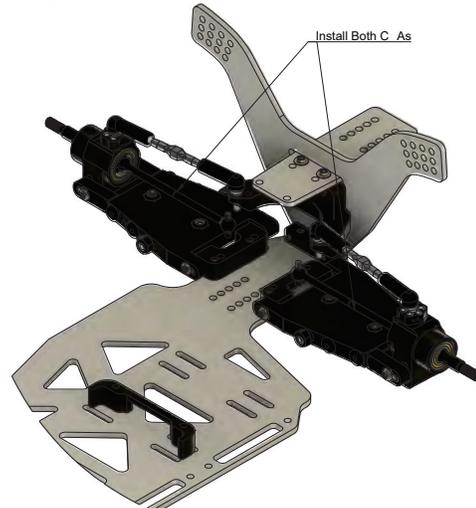


STEP 2 Bag

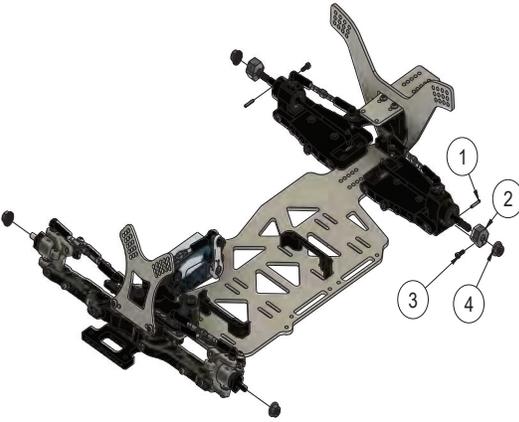


Parts List	
Item	Part Number
1	GFR 1140 68mm DogBone
2	GFR 1230 Rubber Tire Rear Axle
3	GFR 1134 Cast Sleeve Insert
4	GFR 642 Solid Pin

STEP 3



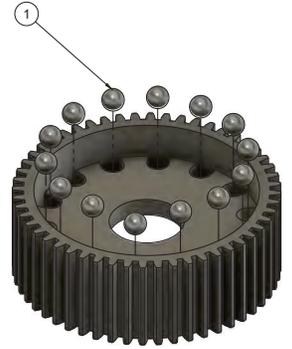
STEP 31



Parts List	
Item	Part Number
1	GFR 6428 Roll Pin
2	QS 1417 7mm Wheel Hex
3	QS-6835 M2x6mm SHS
4	QS 6425 M4 Wheel Nut

STEP 32 Bag E

APPLY DIFF LUBE TO DIFF BALLS



Item	Part Number
1	3 32 Carbide Ball

STEP 33

REPEAT THIS STEP FOR THE OTHER OUTDRIVE

APPLY DIFF LUBE UNDER DIFF DRIVING RING



STEP 34

- 1 Install first washer then apply grease to the top washer
- 2 Install caged bearing (may be substituted for individual thrust balls)
- 3 Apply grease to the top caged bearing and install last washer



STEP 35

INSTALL TOP DIFF BALL ON
END OF THE DRIVER
DIFF BEARING ON R/L



STEP 36

INSTALL AS SHOWN

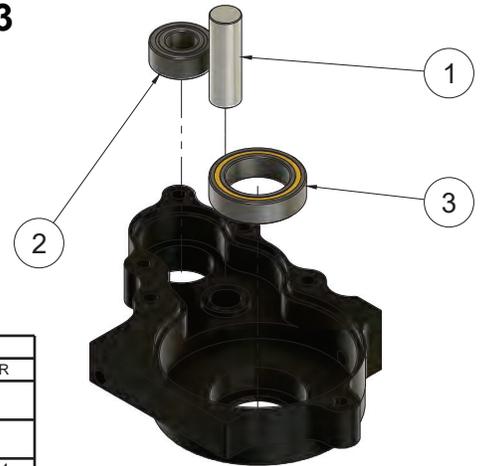


As you tighten the differential bolt you will notice the differential nut ears moving closer to the bottom of the outdrive slot. This compresses the differential ring behind the differential nut. The differential ring should be completely compressed at the time the differential nut reaches the end of the slot. Caution: Pay close attention to the feel when the differential ring is completely compressed. Do not overtighten the bolt. When you feel the differential ring completely compressed, loosen the differential bolt 1/8 of a turn. Your differential should now operate smoothly but with resistance as the outdrives move in opposite directions. After you have driven the car once, re-check the differential setting.

STEP 3



STEP 3

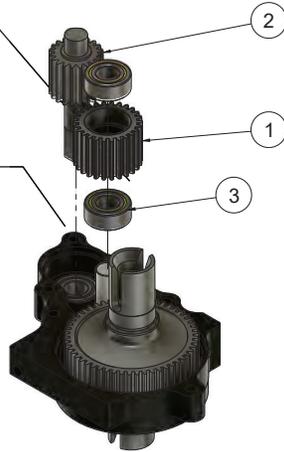


PARTS LIST	
ITEM	PART NUMBER
1	GFR 1180 IDLER SHAFT
2	QS-6000 5 10 4 BEARING
3	QS-6001 10 15 4 BEARING

STEP 3

LEFT BRICA F GEARS

INSURE ALL DIFF ASSEMBLY THE NUT WILL FACE THE LEFT SIDE OF THE CAR



PARTS LIST	
ITEM	PART NUMBER
1	GFR-1186 STEEL IDLER
2	GFR 1182 P SHAFT
3	QS-6000 5 10 4 BEARING

STEP 4



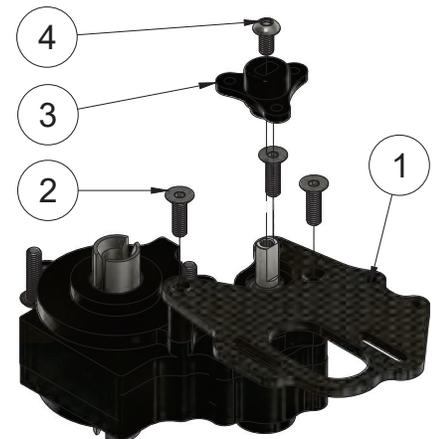
Parts List	
Item	Part Number
1	GFR 6001 10x15x4 Bearing
2	GFR 6000 5x10x4 Bearing

STEP 41



Parts List	
Item	Part Number
1	QS-680 3mm x12mm BHS

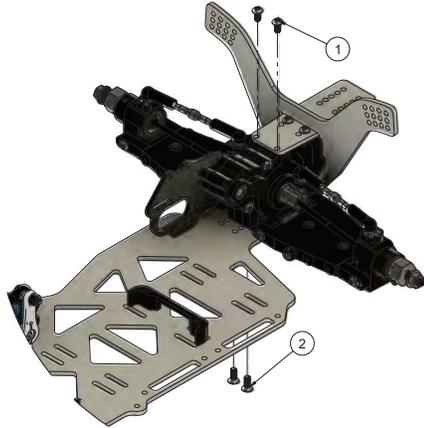
STEP 42



Parts List	
Item	Part Number
1	GFR 1178 Carbon Motor Plate
2	QS-6808 3mm x 10mm FHS
3	GFR 1183M Metric Sliker Eliminator
4	QS-6803 3mm x 6mm BHS

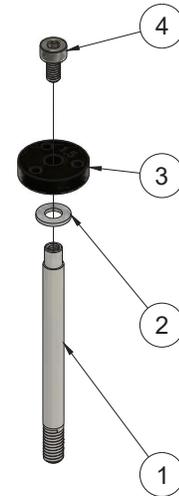
STEP 43

Parts List	
Item	Part Number
1	QS-6803 3mm x 6mm BHS
2	QS-6806 3x8mm FHS



STEP 44 Bag

Parts List	
Item	Part Number
1	QS-504 37mm Shock Shaft
2	QS-5054 Shaft Washer
3	QS-5044 1.5mm SB 3 Hole Piston (1)
4	QS-6800 M2x4mm (1.5 hole) SHS



STEP 45

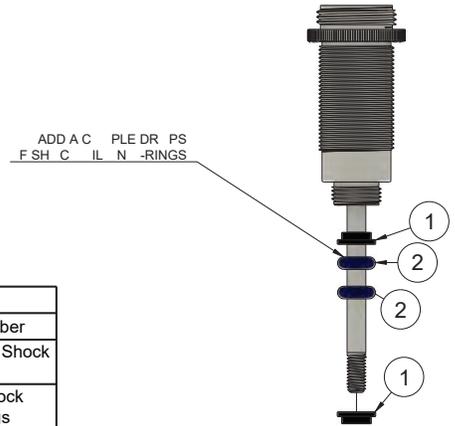
INSTALL THE COMPLETE SHOCK SHAFT INTO THE SHOCK BODY



STEP 46

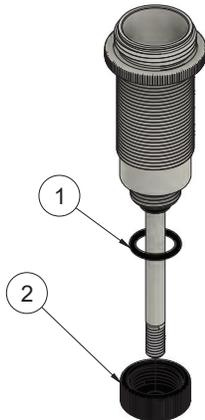
ADD THE DRIP SHOCK OIL RINGS

Parts List	
Item	Part Number
1	QS-5023 2 Shock Shaft Guide
2	QS-5026 Shock Shaft O-Rings



STEP 4

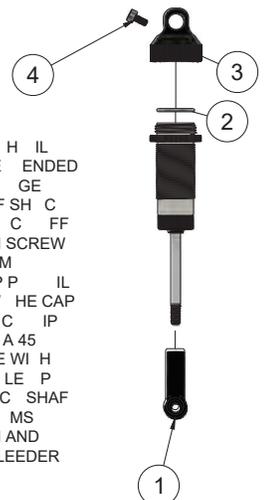
Parts List	
Item	Part Number
1	GFR 6441 0.75x4.5 O-Ring
2	QS 5021 SB Shock Bottom Cap



STEP 4

Parts List	
Item	Part Number
1	QS-6022 Ball Cup
2	QS-6443 1 x 5 Bleeder Cap -Ring
3	QS-5042 Small Bore Bleeder Cap
4	QS-6800 M2x4mm (1.5 hole) SHS

FILL THE SHOCK WITH OIL
 WITH THE SHOCK BODY
 ALL AIR FROM THE SHOCK BODY
 WITH THE WIRE SCREW BLEEDER
 REMOVED FROM THE BLEEDER
 CAP SCREW THE CAP NUT
 THE SHOCK IS AT A 45
 DEGREE ANGLE WITH THE
 SCREW HEAD FROM THE
 SHOCK SHAFT IN THE
 HOLE OF THE SHOCK
 AND INSURE THE BLEEDER
 SCREW



STEP 4



Parts List	
Item	Part Number
1	QS-5020 Small Bore Shock Collar
2	GFR 6442 1 12 -Ring

STEP 5

BUILD WITH FRONT SHOCKS



Parts List	
Item	Part Number
1	QS-1807 Rated 187 S ring Shock S ring
2	QS-5030 SB Shock S ring Retainer

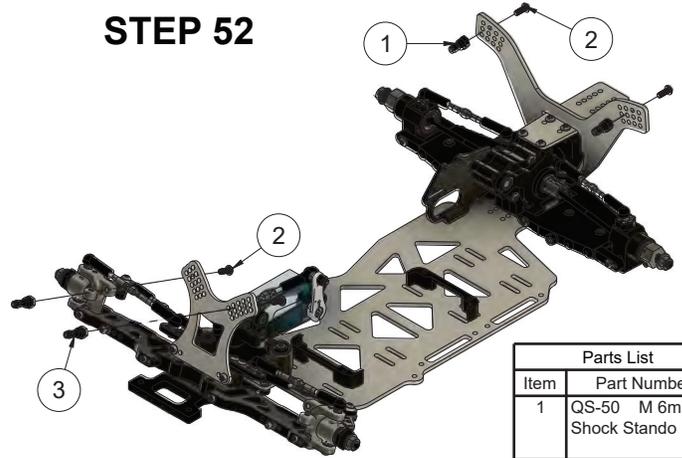
STEP 51

BUILD WITH REAR SHOCKS



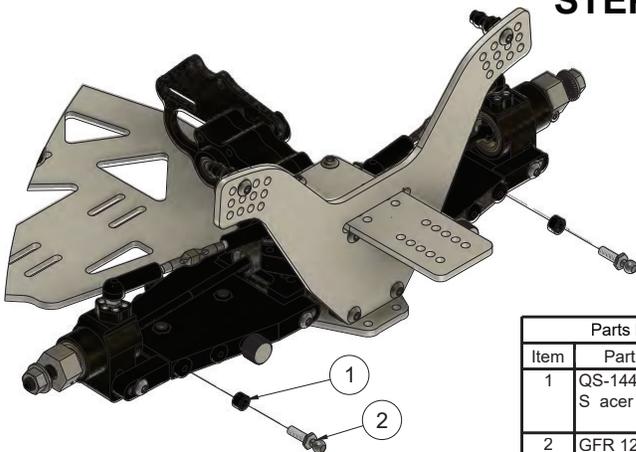
Parts List	
Item	Part Number
1	QS-1808 Rated 188 S ring Shock S ring
2	QS-5030 SB Shock S ring Retainer

STEP 52



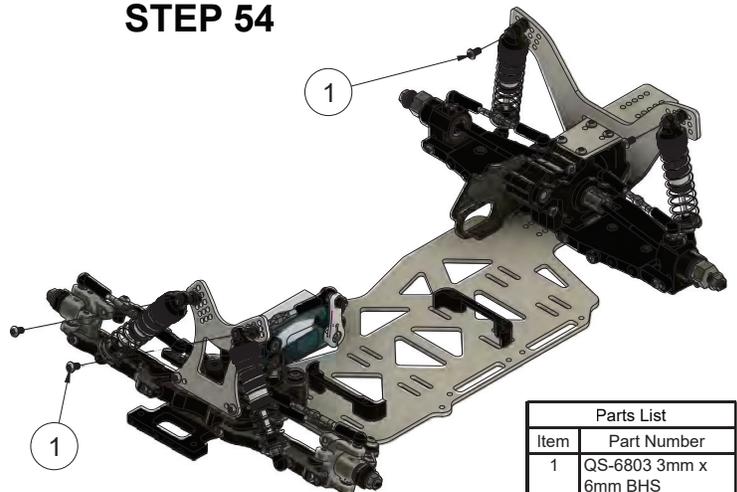
Parts List	
Item	Part Number
1	QS-50 M 6mm Shock Stand
2	QS-6805 3mm x 8mm BHS
3	QS-50 8M 10mm Shock Stand

STEP 53



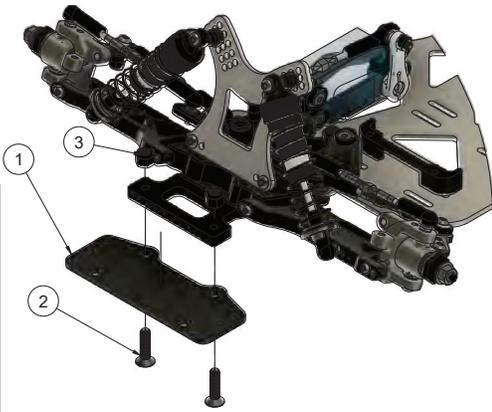
Parts List	
Item	Part Number
1	QS-1443 3mm S acer
2	GFR 127 M Metric Medium Ball Stud

STEP 54



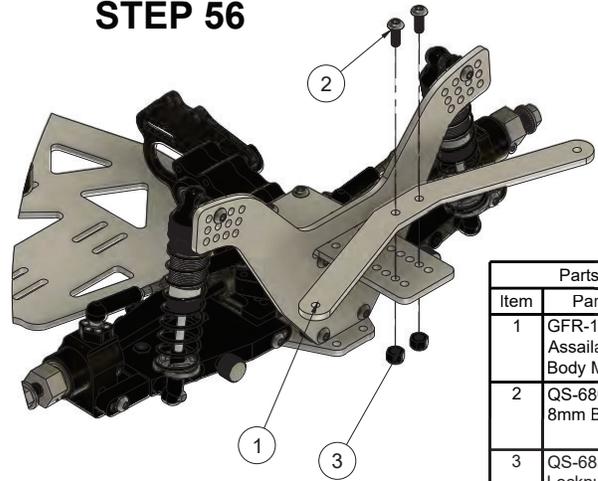
Parts List	
Item	Part Number
1	QS-6803 3mm x 6mm BHS

STEP 55 Bag G



Parts List	
Item	Part Number
1	GFR-1514 24 Assailant Front Bumper Mount
2	QS-683 4mmx16 FHS
3	QS-6834 4mm Locknut

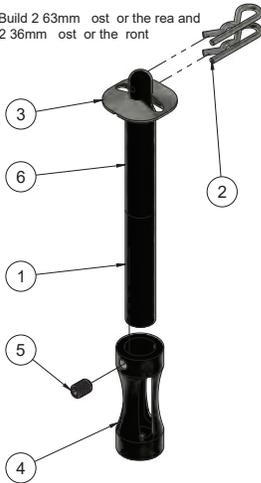
STEP 56



Parts List	
Item	Part Number
1	GFR-1515 24 Assailant Rear Body Mount
2	QS-6805 3mm x 8mm BHS
3	QS-6833 3mm Locknut

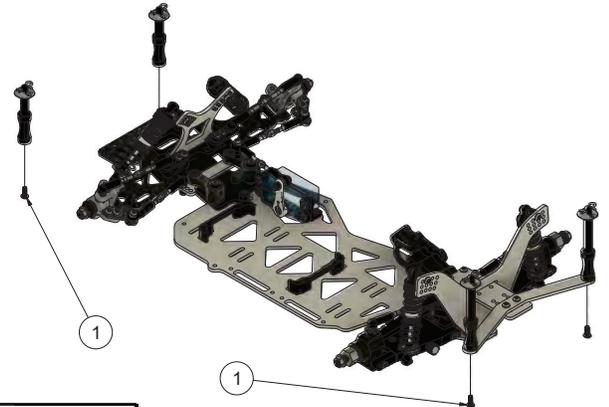
STEP 5

Build 2 63mm post or the rear and 2 36mm post or the front



Parts List	
Item	Part Number
1	63mm Body Post
2	GFR 6440 BodyClip
3	GFR 1264 Body Post Seat
4	GFR 1034M Metric Body Post Holder
5	QS-6836 M3x4 Set Screw
6	35mm Body Post

STEP 5



Parts List	
Item	Part Number
1	QS-6805 3mm x 8mm BHS

