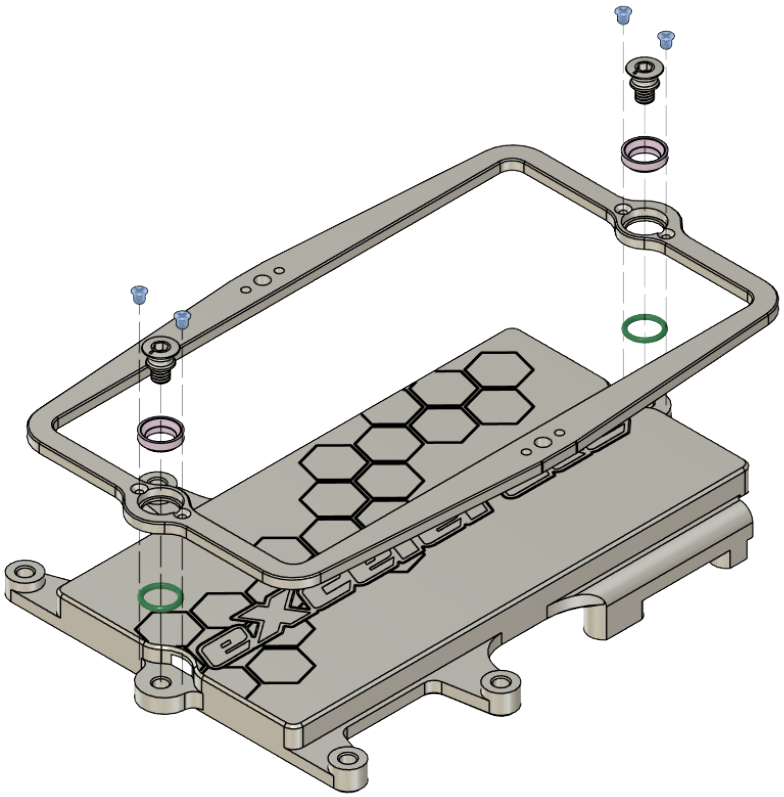
PRODIGY F1 TEAM EDITION

eXcelerate

www.exceleraterc.com

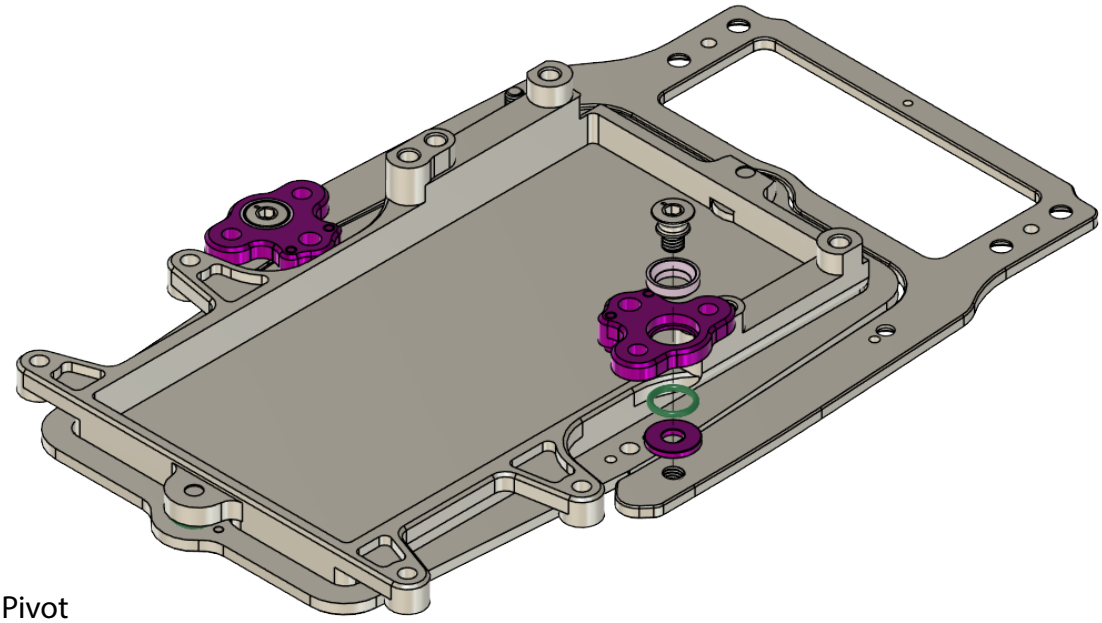


STEP 1



XCE-0828 - V2 Roll Plate
XCE-0827 - Battery Tray
XCE-0776.10 - Pivot Socket 1.0 (Purple)
XCE-0777.10 - Pivot Screw 1.0
XCE-0715.06 - 5x7x1 O-Ring (Med / Firm)
M1.7x2 Flat Head Screw (4)

STEP 2

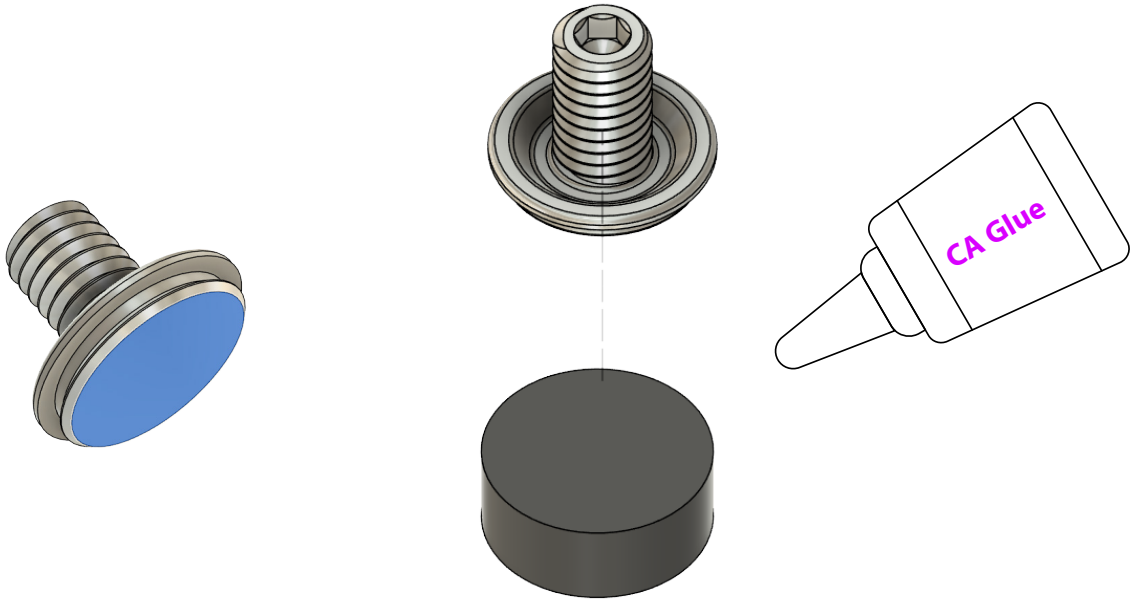


XCE-0775 - Flex Pivot
XE-0776.10 - Pivot Socket 1.0 (Purple)
XCE-0777.10 - Pivot Screw 1.0
XCE-0715.06 - 5x7x1 O-Ring (Medium Firm)
XCE-1020 - 3x8x1 Shim

Repeat Assembly X2

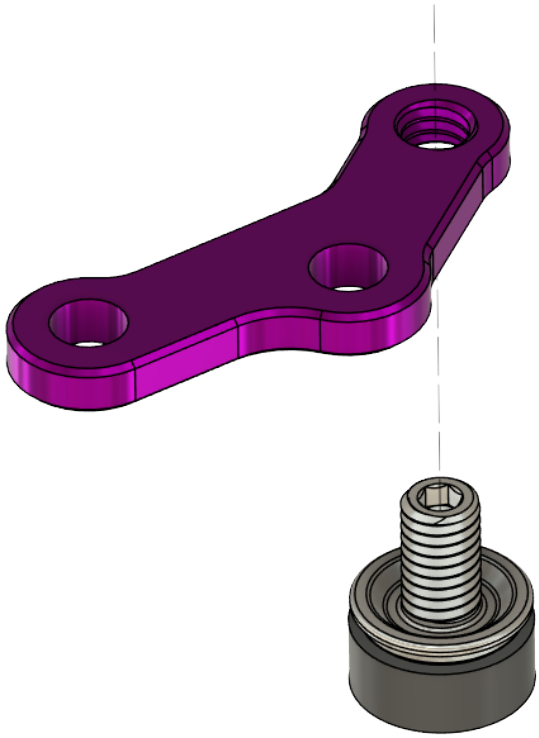
STEP 3

Repeat Assemby X2



Lightly sand the surface of the spring retainer to remove the black oxide layer.
Clean and apply a drop of CA glue to the bump stop and set the spring retainer onto the bump stop.

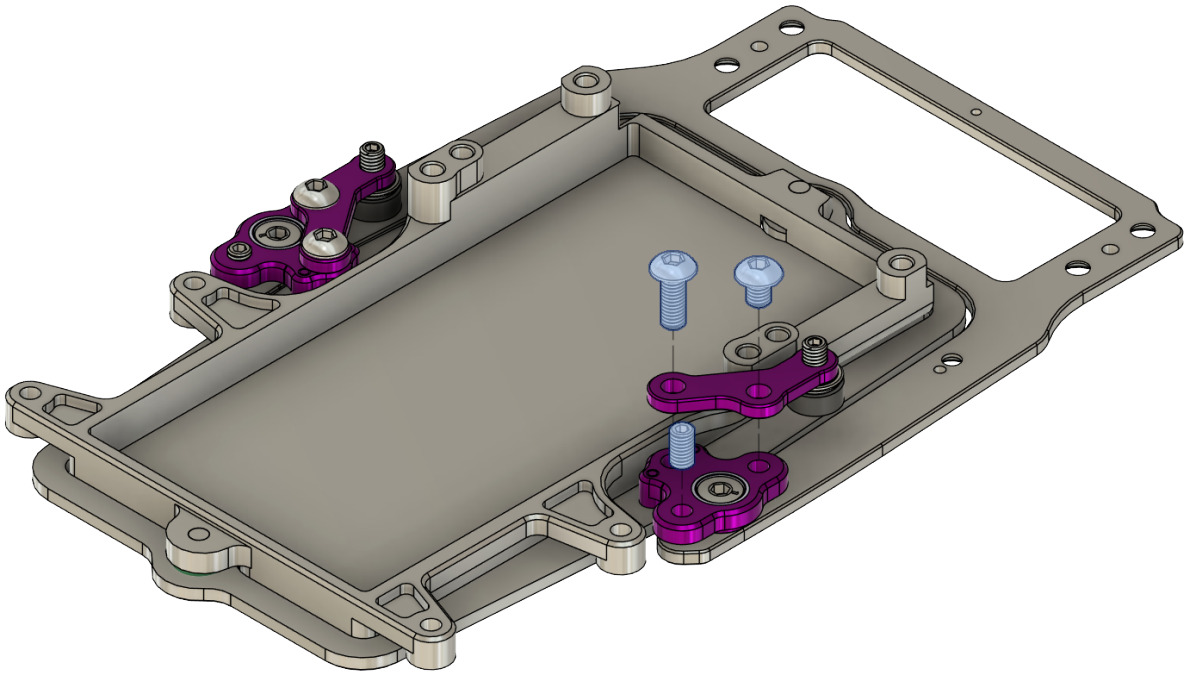
STEP 4



XCE-0940 - Bump Stop Extension
XCE-0779 - Spring Retainer
XCE-0933.MD - V2 Bump Stop Medium (Purple)

Repeat Assembly X2

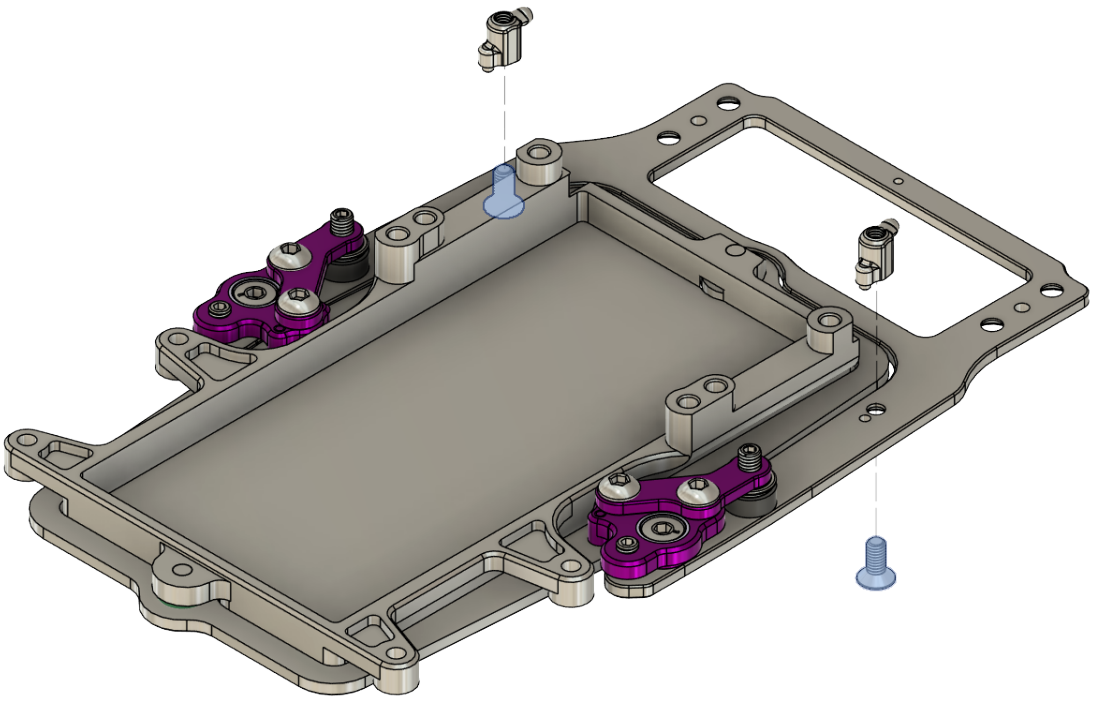
STEP 5



M3 x 5 Button Head (2)
M3 x 8 Button Head (2)
M3 x 5 Set Screw (2)

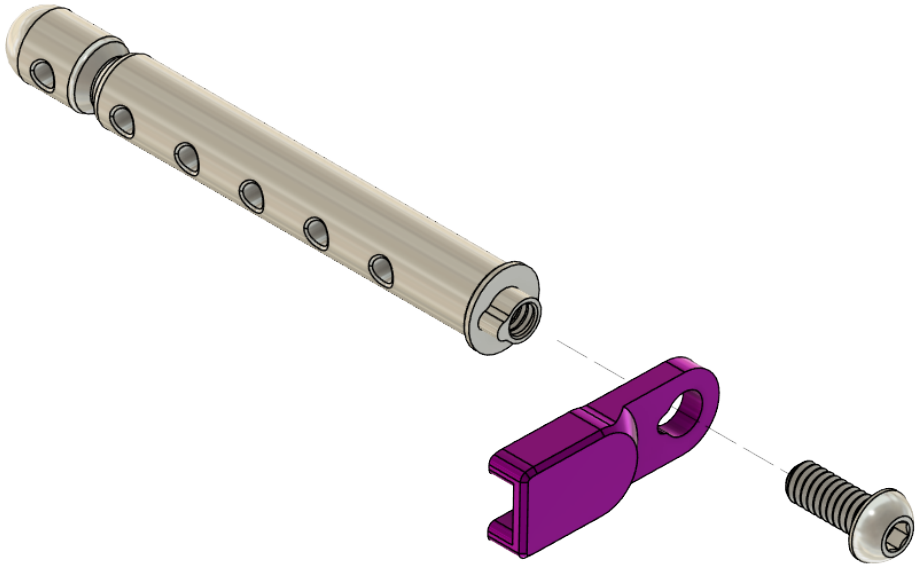
Repeat Assembly X2

STEP 6



XCE-0780 - Dampner Pivot
M2.5x6 Flat Head Screws (2)

STEP 7

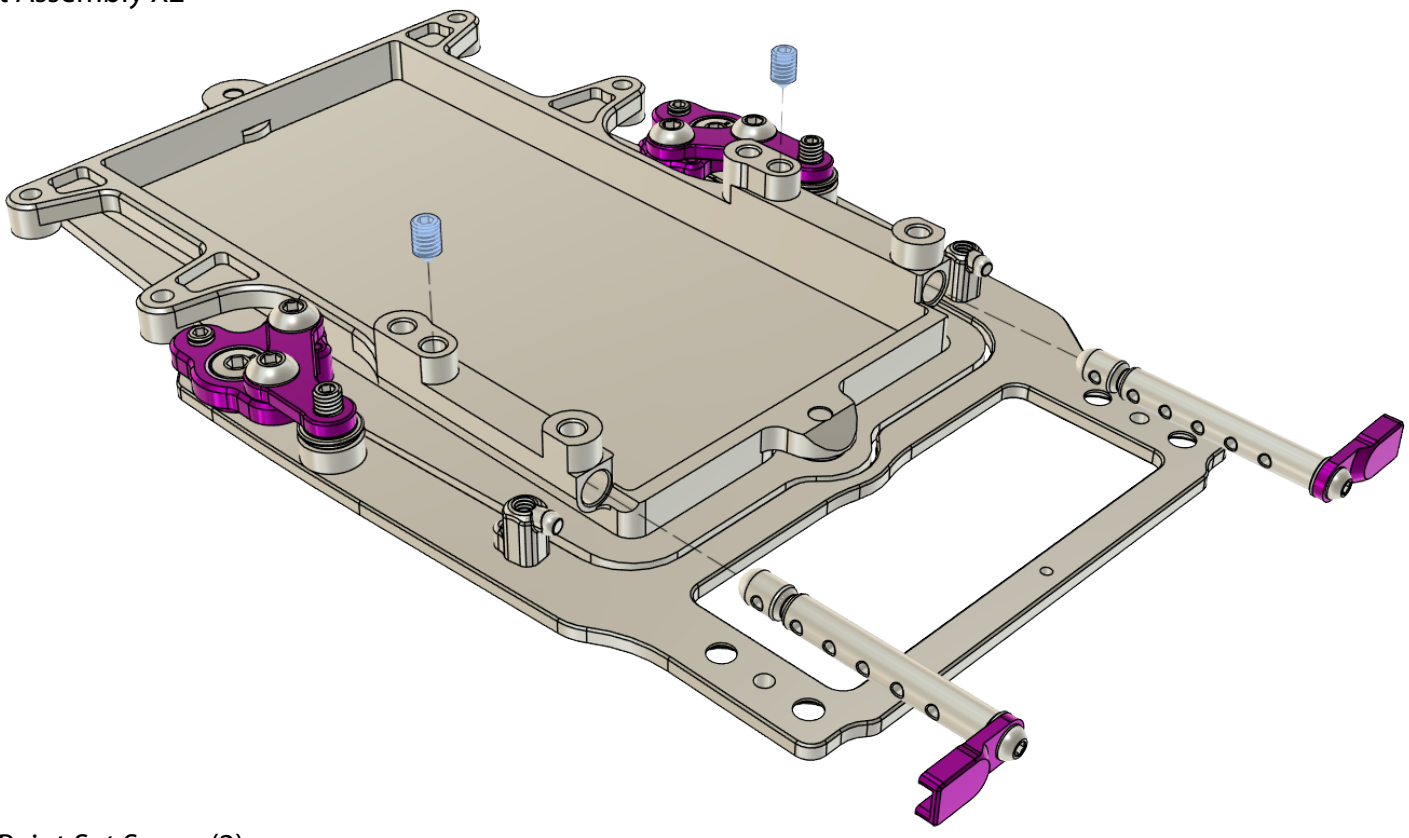


Apply dampner grease to dampner rod and inside of the battery tray bore.
Insert dampner rod and rotate back and forth.
Remove dampner rod and ensure there is an even coat of dampner grease covering all of the holes
Reapply dampner grease as necessary

XCE-0945 - Aluminum Damper Rods
M2 x 5 Button Head (2)

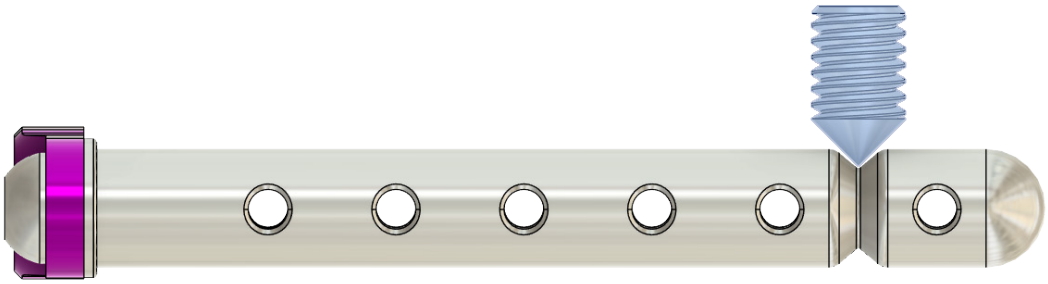
STEP 8

Repeat Assembly X2



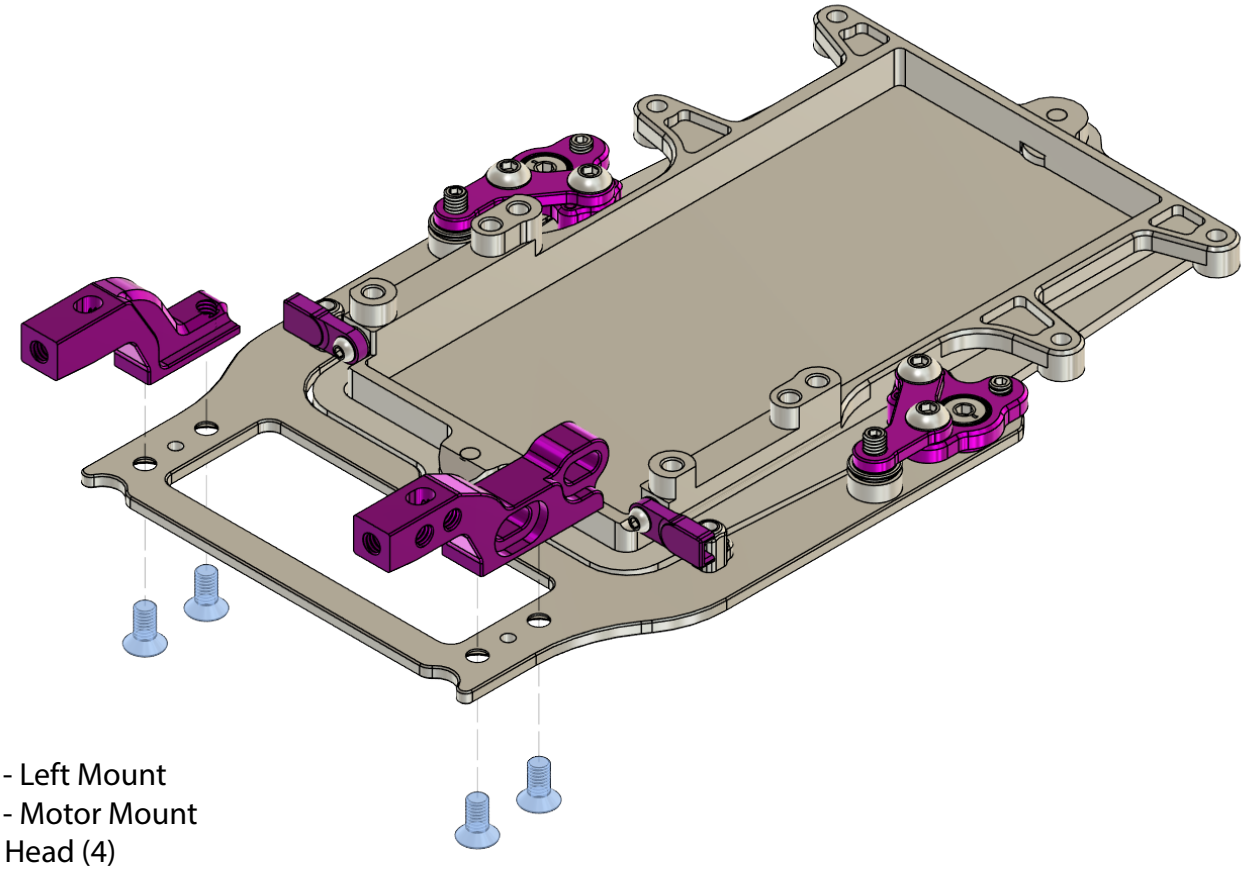
M3x5 Point Set Screw (2)

STEP 9



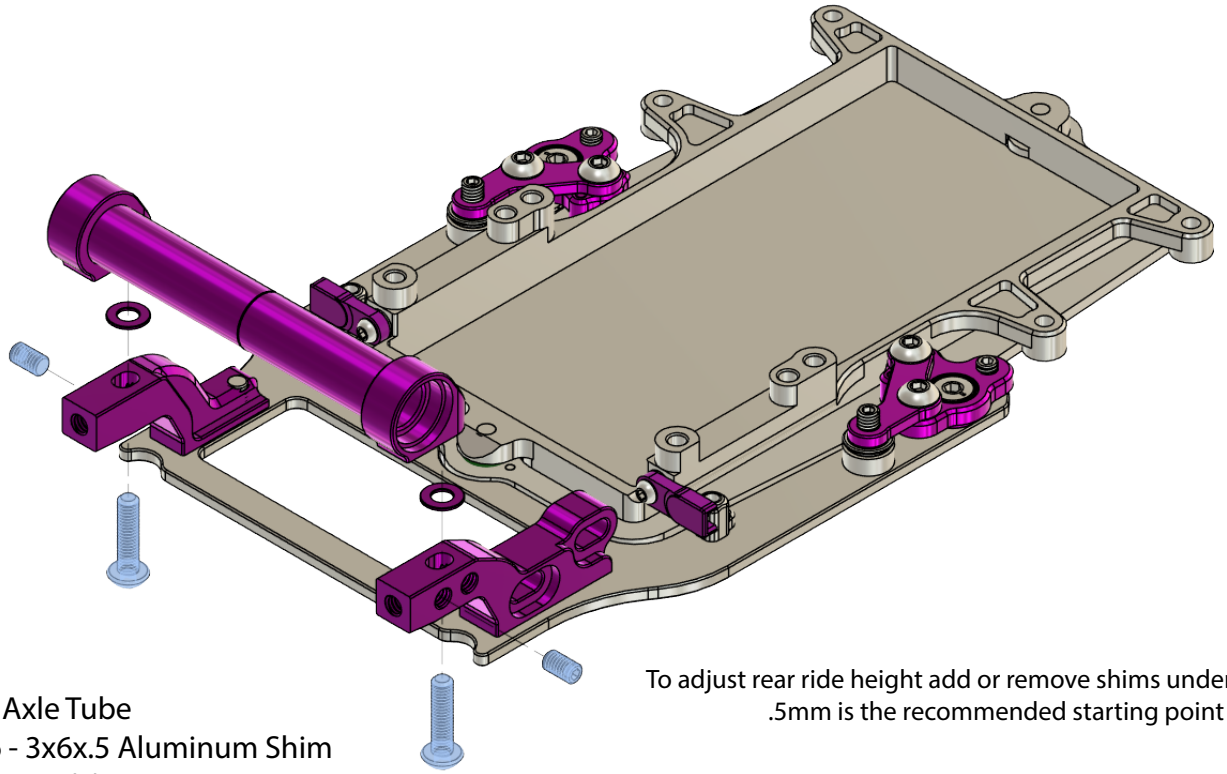
The M3x5 Point set screw retains the damper rod in the battery tray.
Ensure the damper rod rotates freely after the set screw is installed.

STEP 10



XCE-0838 - Left Mount
XCE-0839 - Motor Mount
M3x6 Flat Head (4)

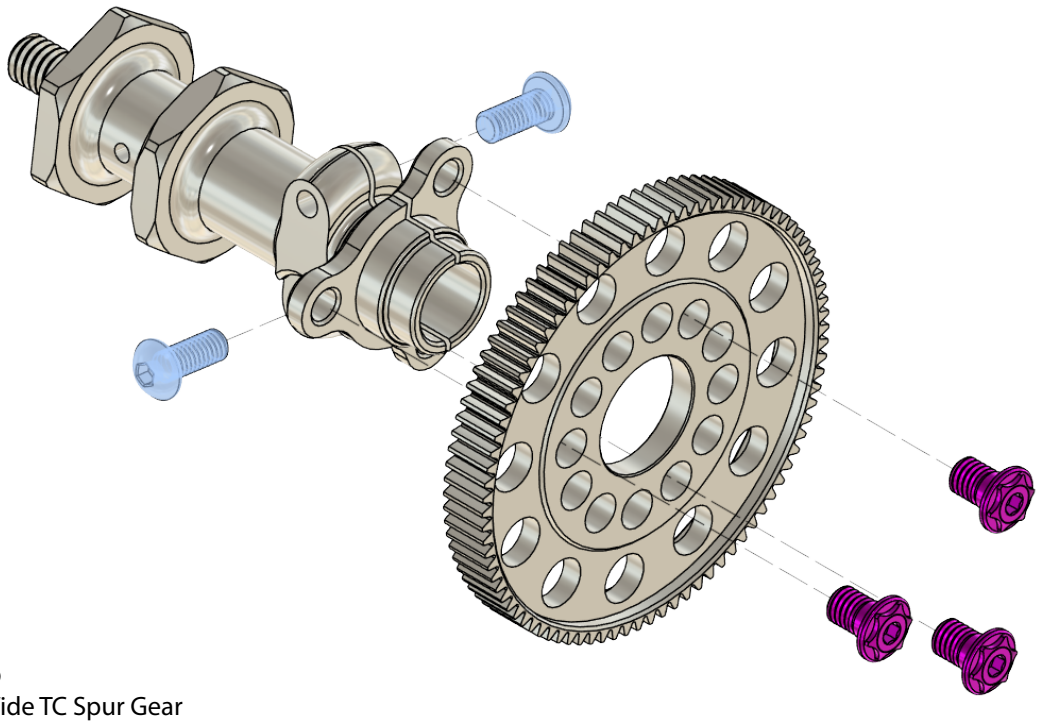
STEP 11



XCE-0787 - Axle Tube
XCE-1010.6 - 3x6x.5 Aluminum Shim
M3x5 Set Screw (2)
M3x10 Button Head (2)

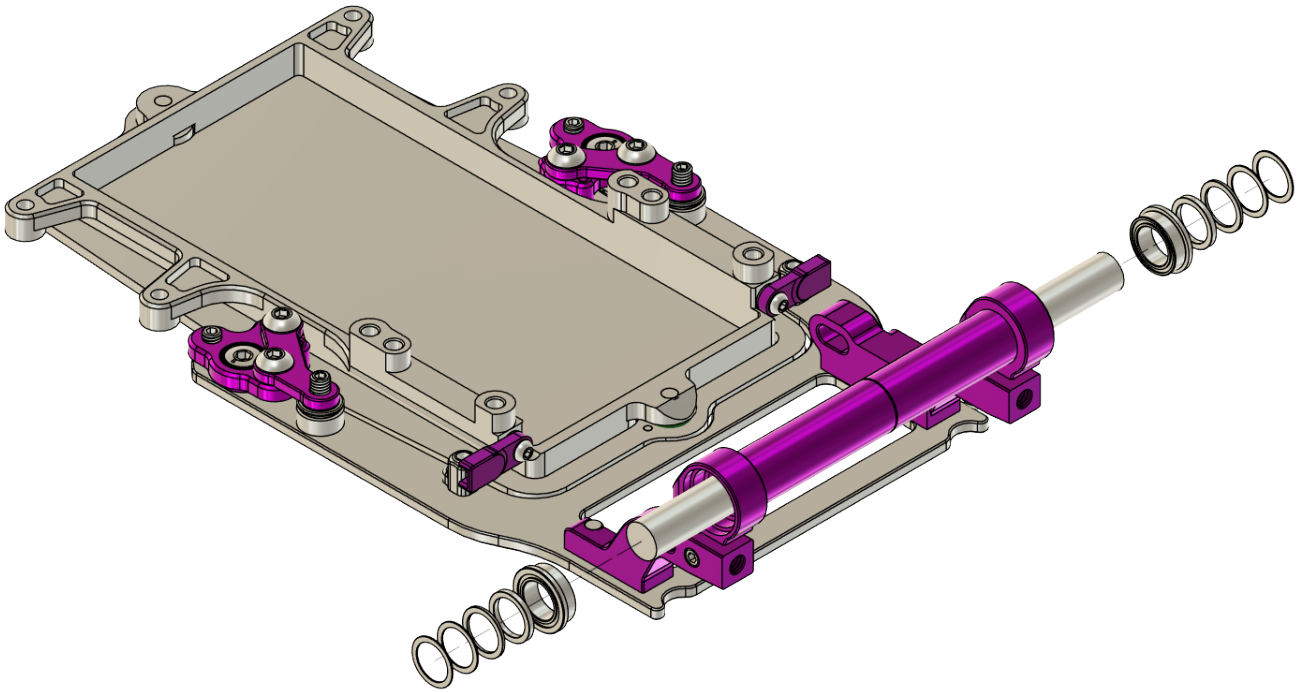
To adjust rear ride height add or remove shims under axle tube. .5mm is the recommended starting point

STEP 12



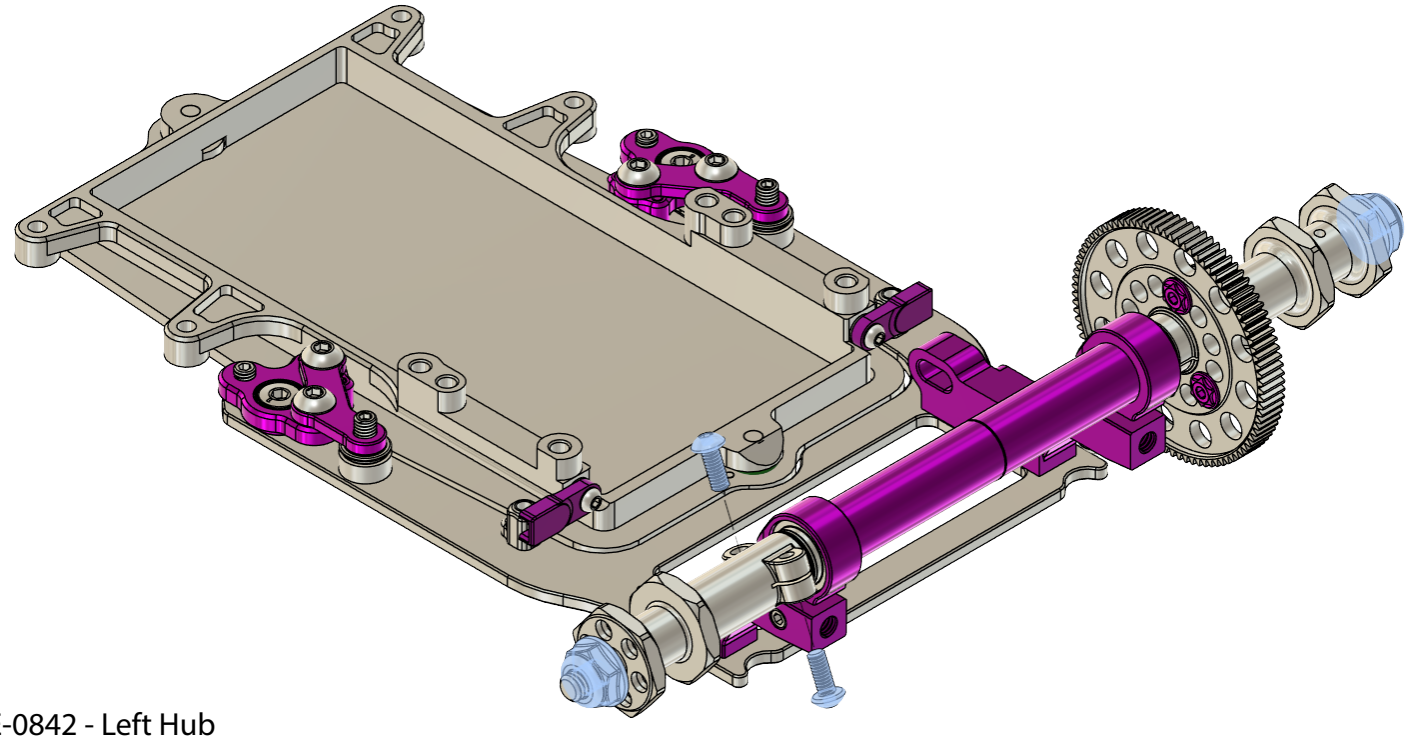
XCE-0843 - Spool Hub
XCE-0105.88w - 88t Wide TC Spur Gear
XCE-1700.6 - LP Titanium Spur Gear Screw (3)
M2.5x6 Button Head (2)

STEP 13



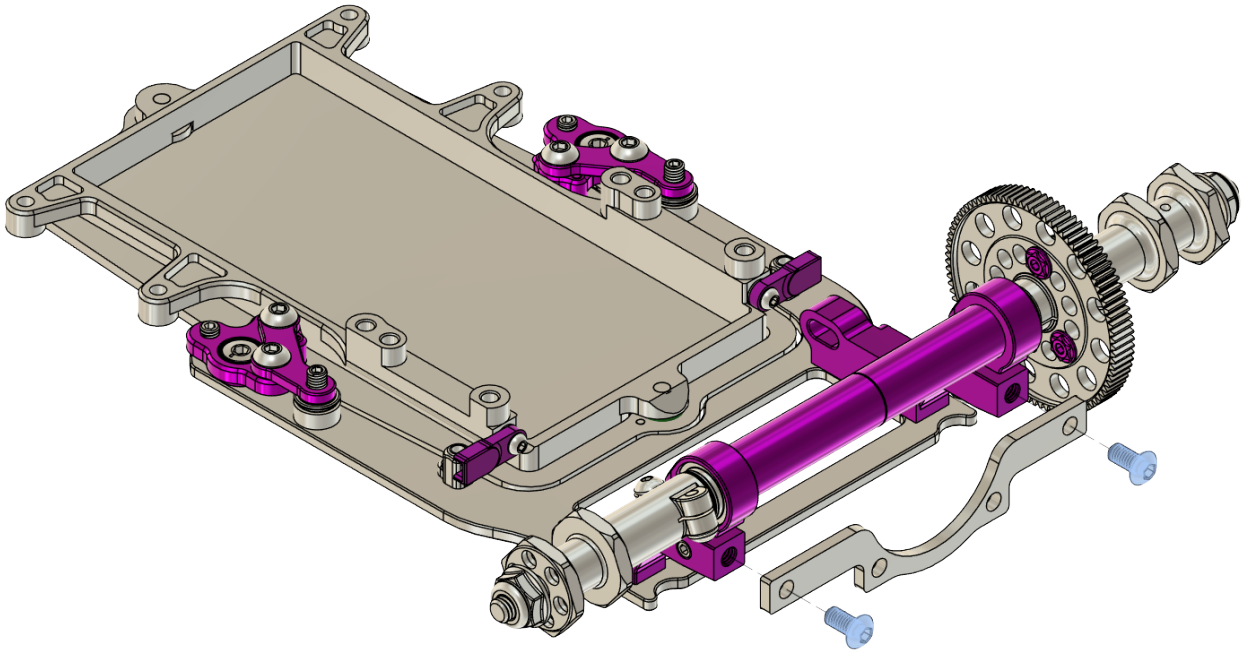
XCE-0711.25 - Axle Shim .25mm (4)
XCE-0711.50 - Axle Shim .50mm (2)
XCE-0711.10 - Axle Shim 1.0mm (2)
XCE-0323 - 1/4 x 3/8 Flanged Bearings (2)
XCE-0930.97 - Pro Lite Axle 97mm

STEP 14



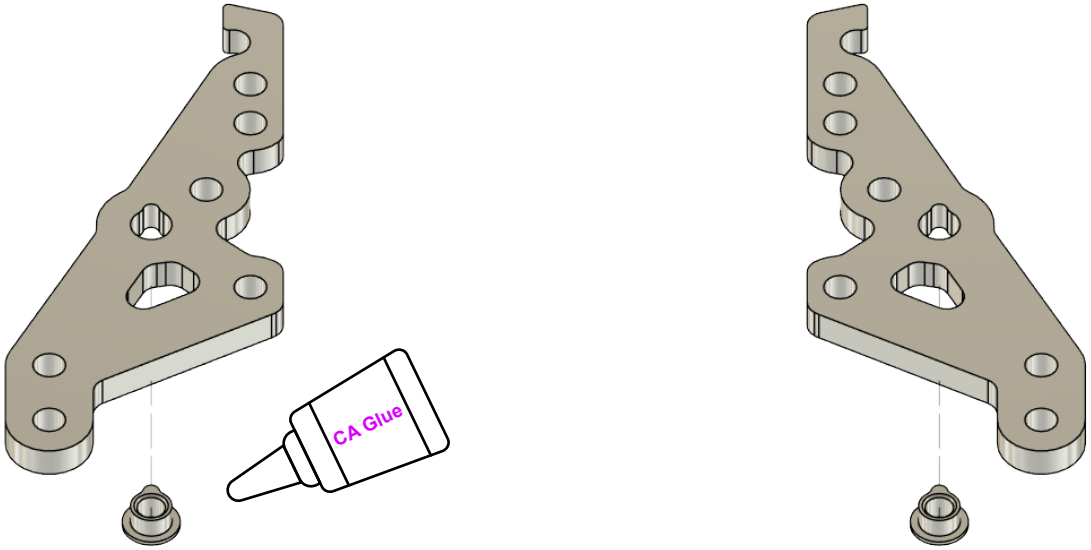
XCE-0842 - Left Hub
XCE-9016 - M4 Flanged Nut (2)
M2.5x6 Button Head (2)

STEP 15



XCE-0933 - Fan Mount
M3x6 Button Head

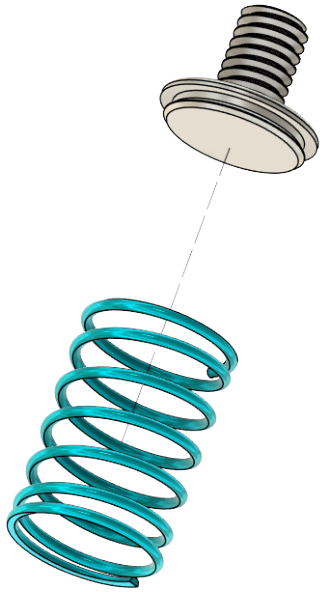
STEP 16



Add a drop of CA glue to carbon insert before installation

XCE-0832 - Spring Plate
XCE-0779 - Spring Retainer

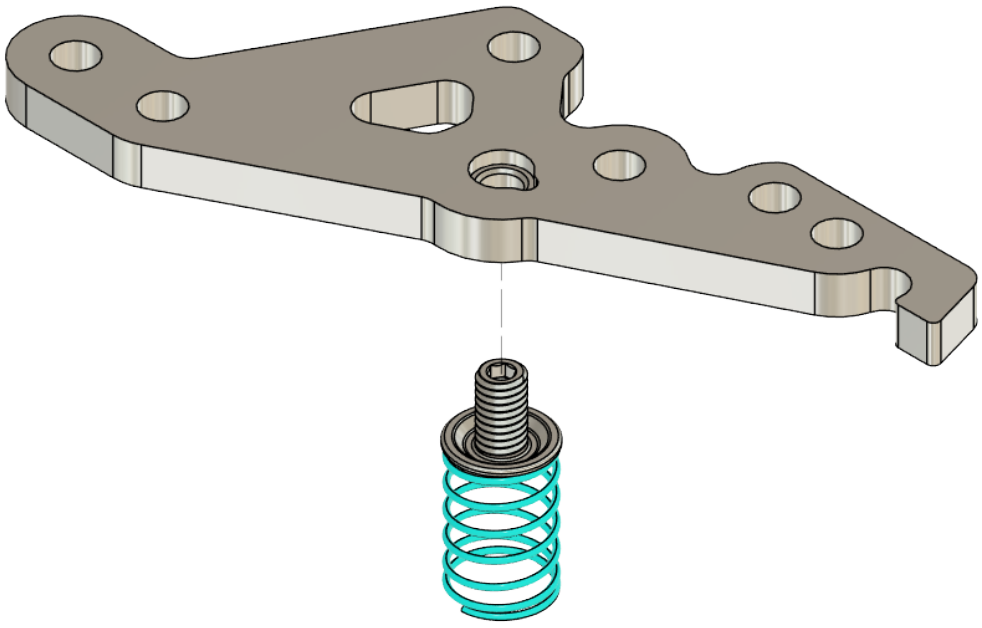
STEP 17



Apply light pressure and turn to install spring onto spring retainer.

XCE-0779 - Spring Retainer
XCE-0706.25 (Teal 2.5lb)

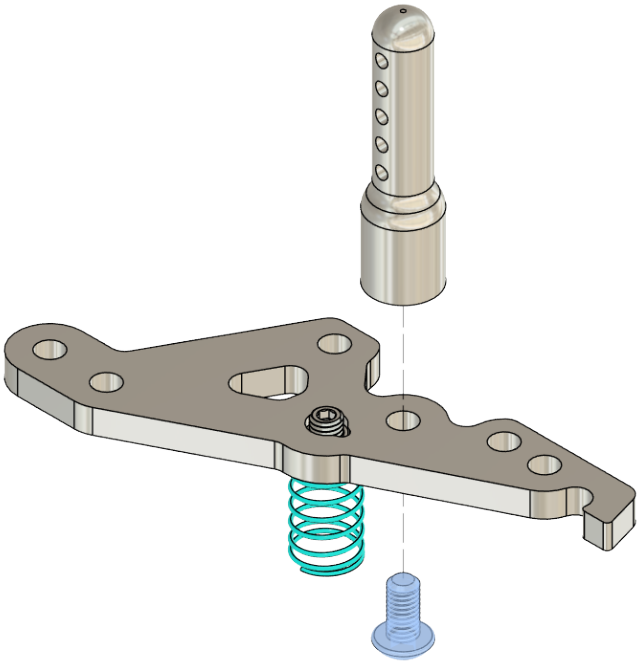
STEP 18

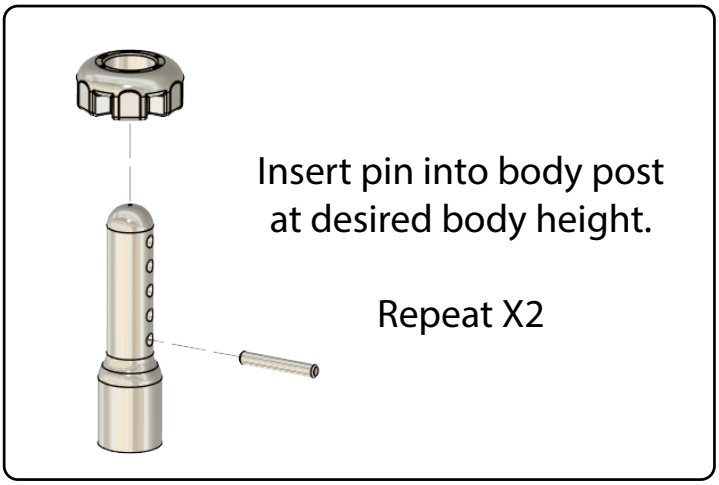


Install spring retainer into carbon insert with a 1.5mm allen wrench using a counter clockwise rotation. The spring retainer will self tap into the carbon insert.

Repeat Assembly X2

STEP 19



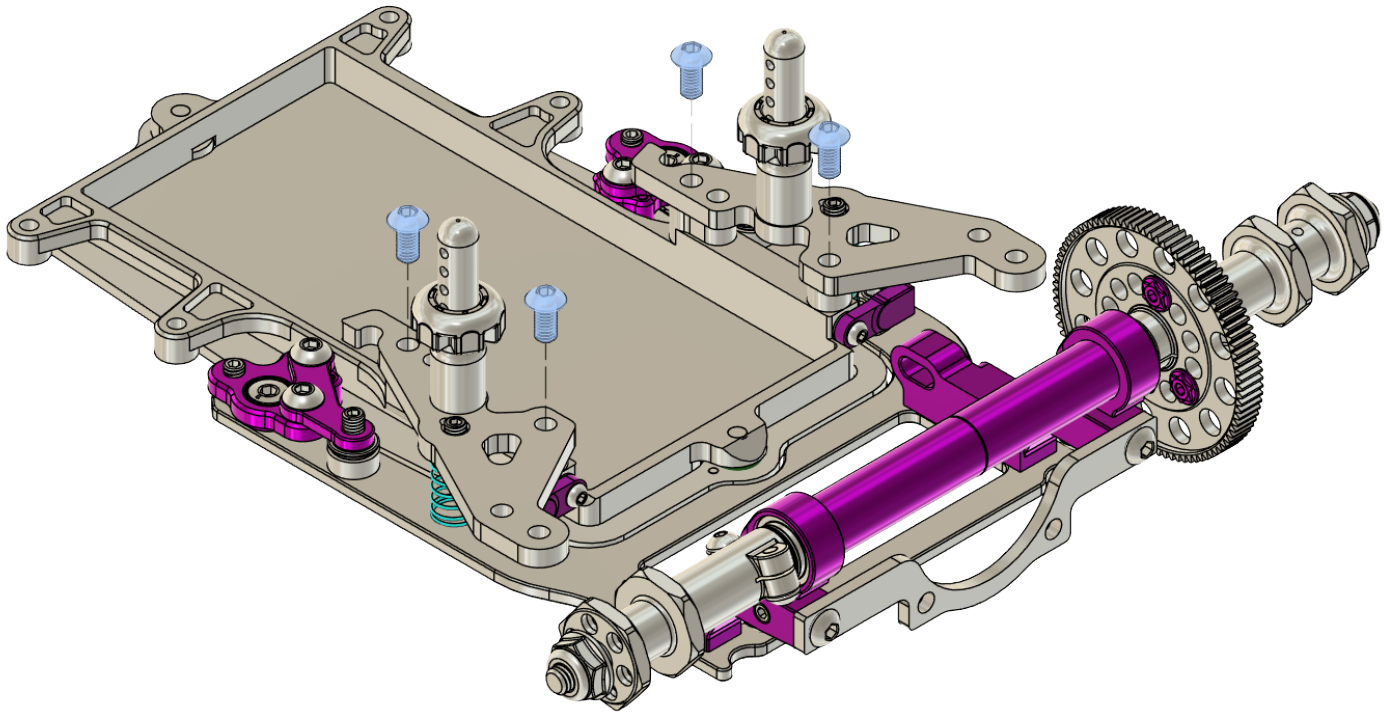


XCE-0800 - Body Post Adjustment Collar
XCE-0801 - Body Post Adjustment Collar Pin

XCE-0802.29 - Body Post 29mm
M3x6 Button Head (2)

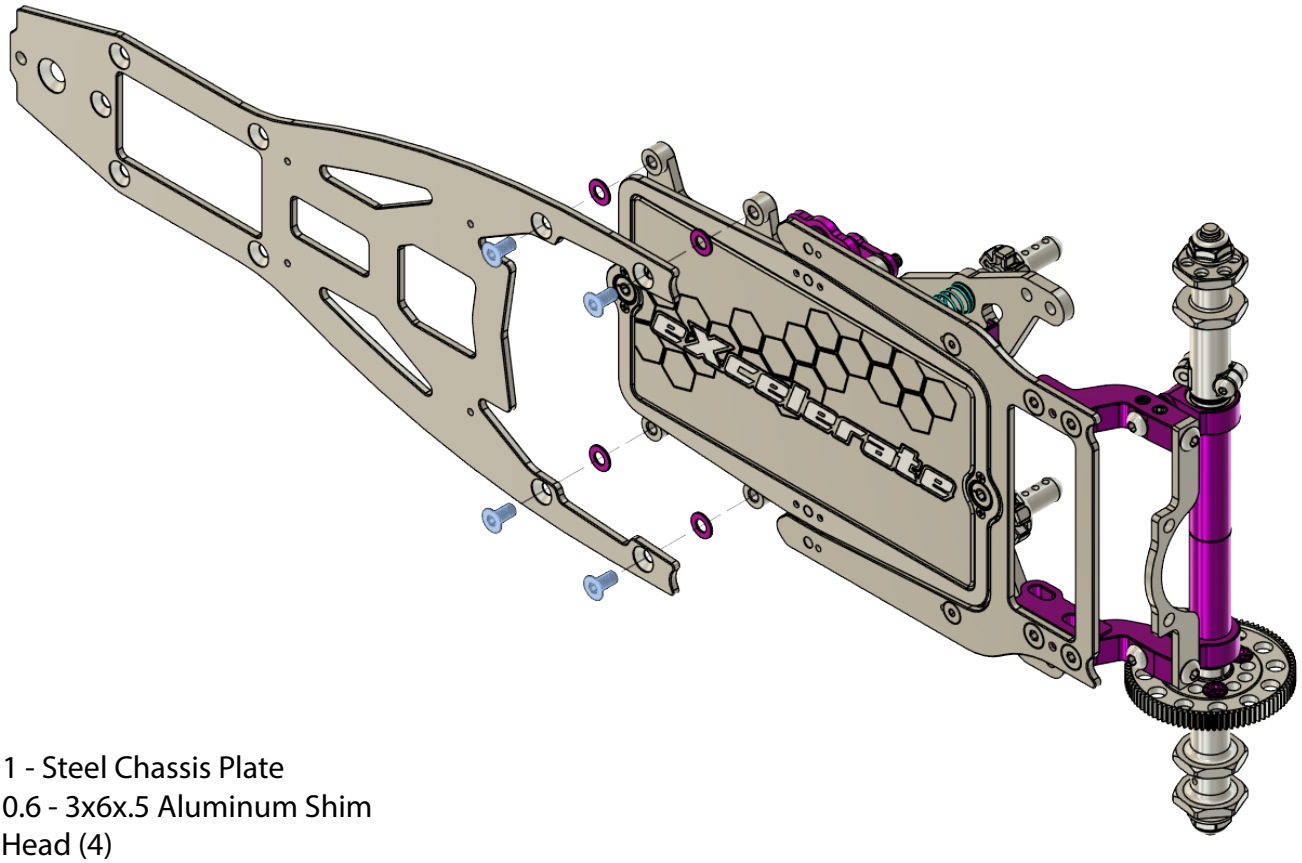
Repeat Assembly X2

STEP 20



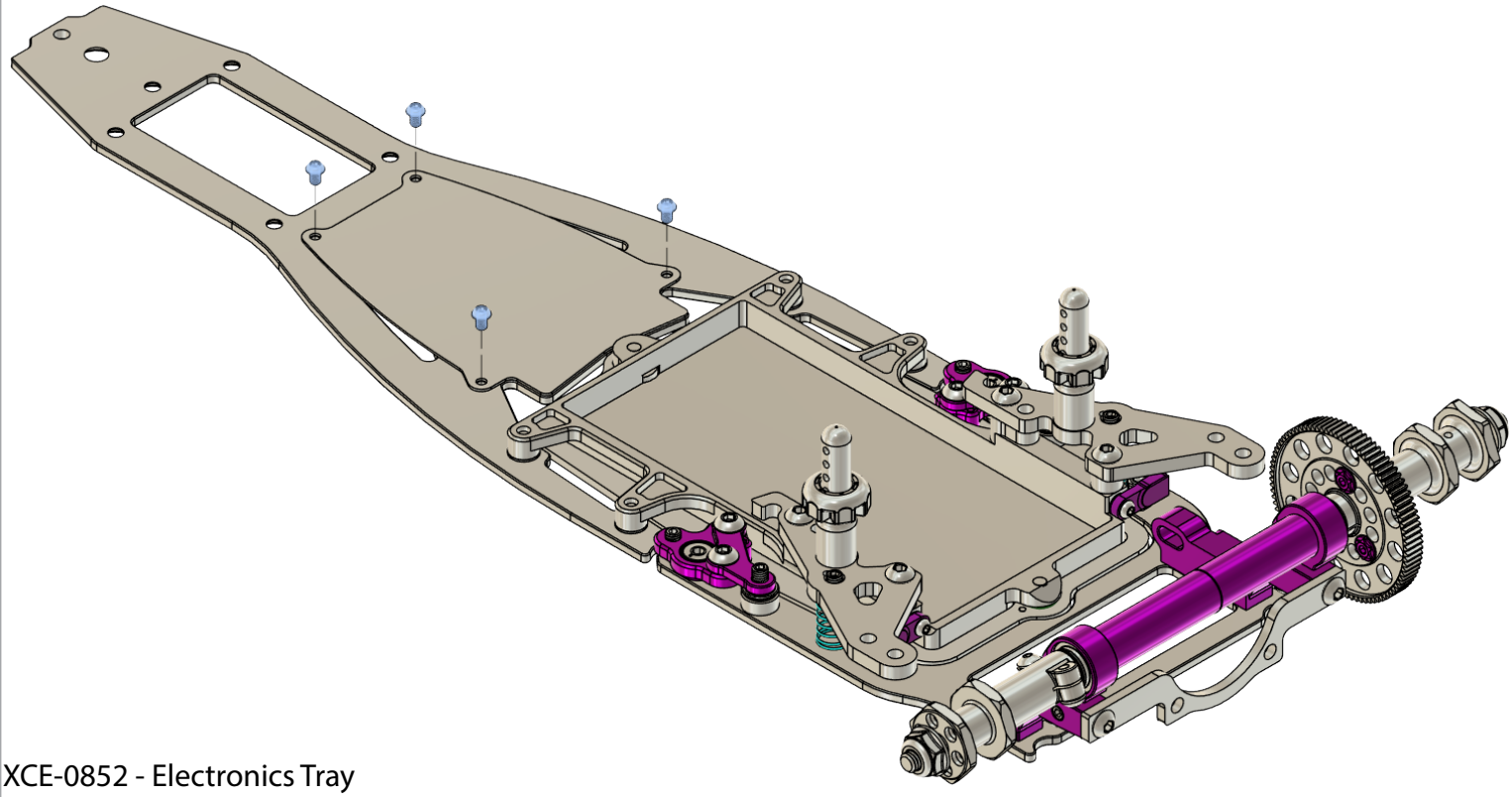
M3x6 Button Head (4)

STEP 21



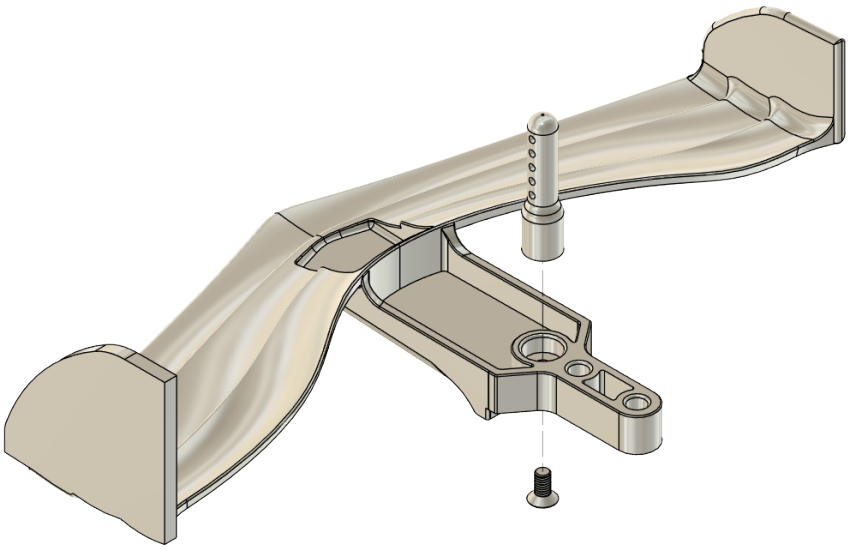
XCE-0851 - Steel Chassis Plate
XCE-1010.6 - 3x6x.5 Aluminum Shim
3x6 Flat Head (4)

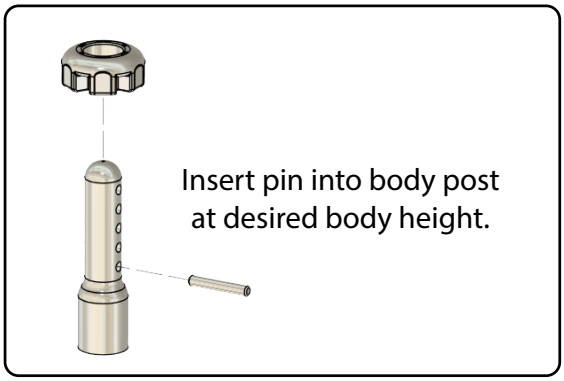
STEP 22



XCE-0852 - Electronics Tray
M2x3 Button Head (4)

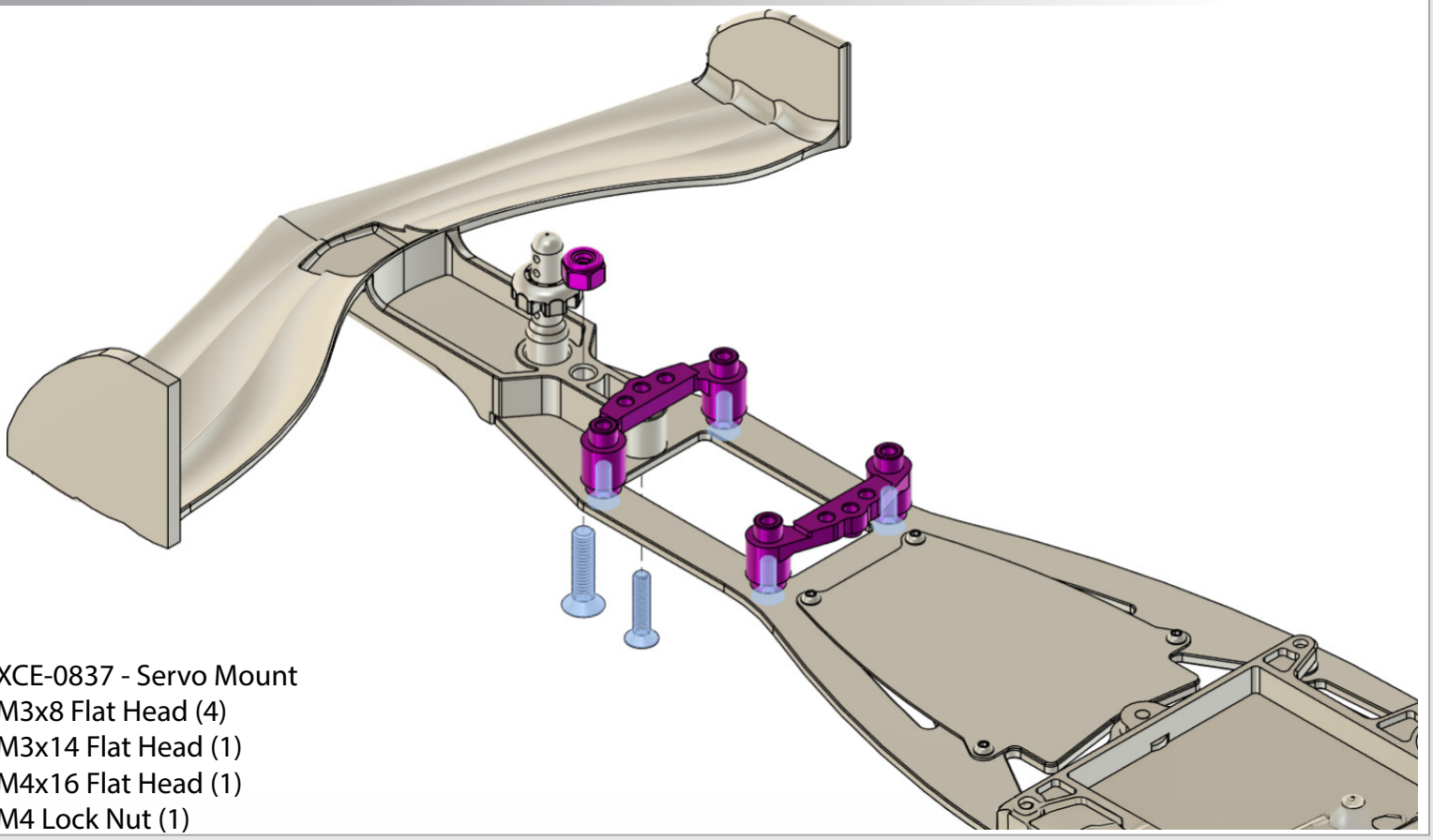
STEP 23





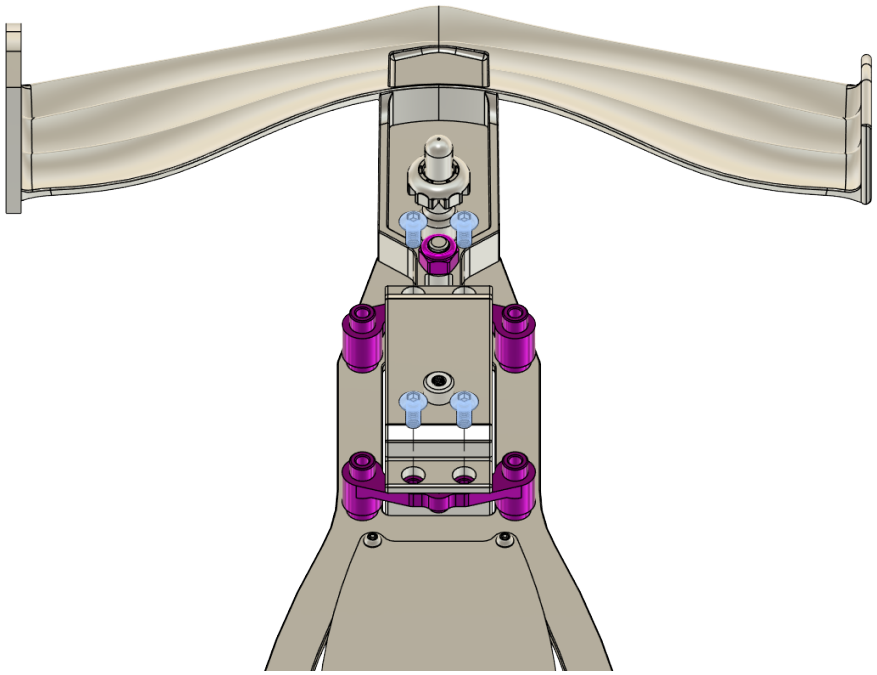
XCE-0535.2 - Front Wing
XCE-0800 - Body Post Adjustment Collar
XCE-0801 - Body Post Adjustment Collar Pin
XCE-0802.29 - Body Post 29mm
M3x6 Flat Head (1)

STEP 24



XCE-0837 - Servo Mount
M3x8 Flat Head (4)
M3x14 Flat Head (1)
M4x16 Flat Head (1)
M4 Lock Nut (1)

STEP 25

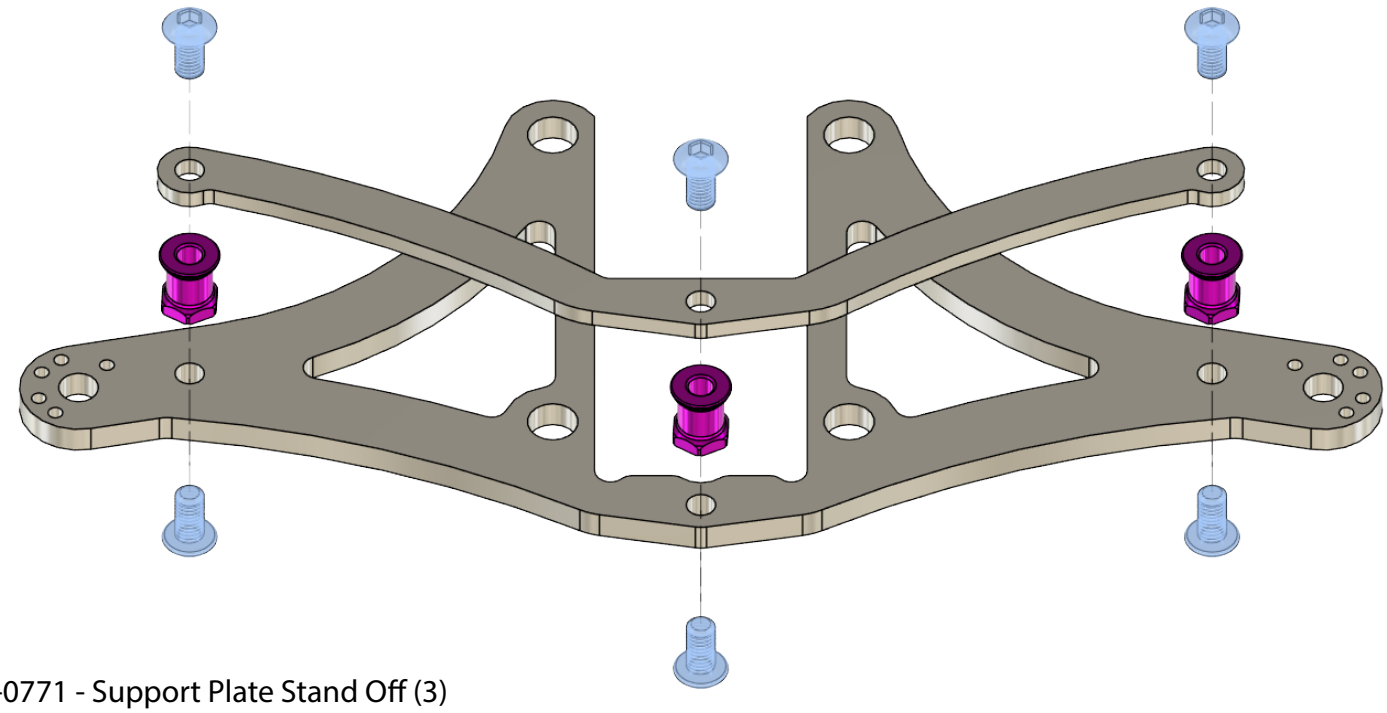


The F1 requires a standard low profile servo. Our recommendation is the MKS HBL-575-SL or similar size servo.

If your servo sticks out the bottom of the chassis plate install (4) 3x6x.5 aluminum shims between the chassis plate and servo mounts

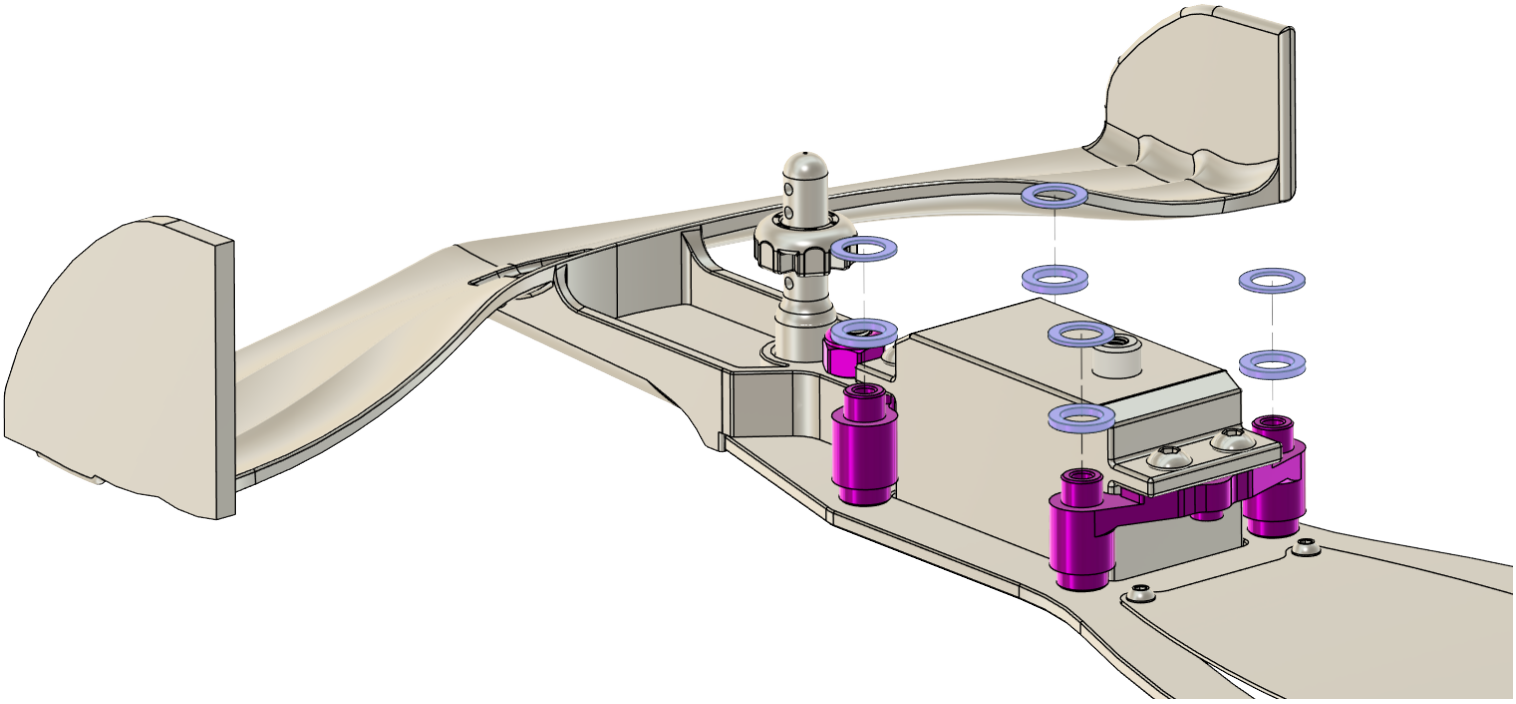
M3x6 Button Head (4)

STEP 26



XCE-0771 - Support Plate Stand Off (3)
XCE-0829.4 - +4 Front End Plate
XCE-0830 - Front Brace
M3x6 Button Head (6)

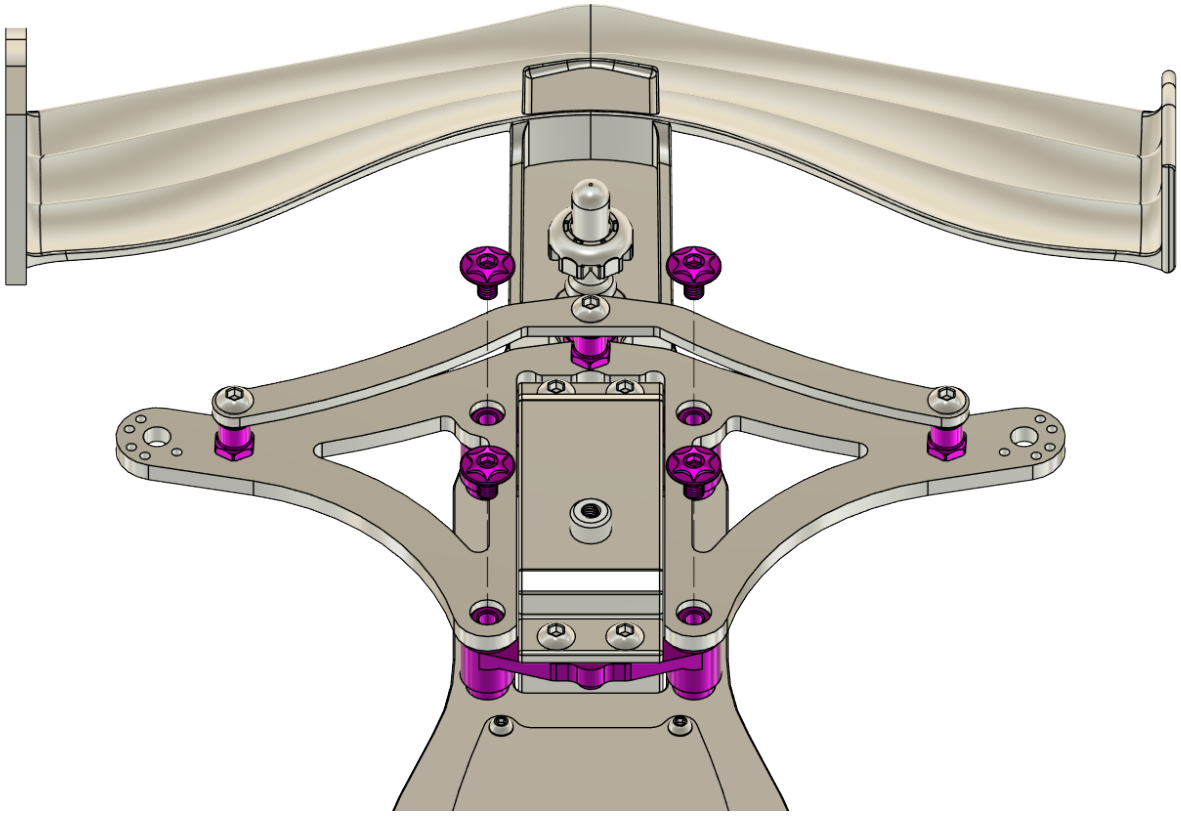
STEP 27



Start with 1mm shim and adjust ride height as required

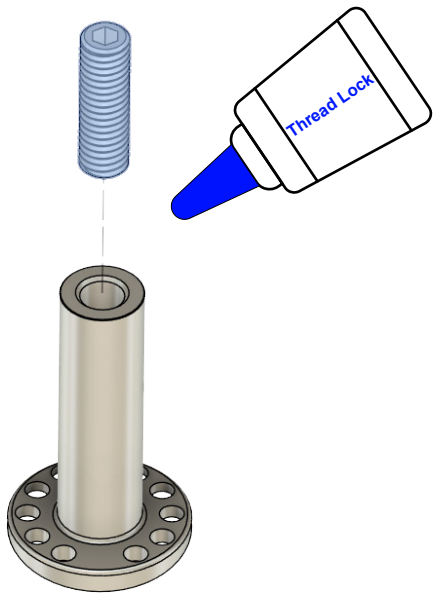
XCE-0717.5 - 5x3x8 Shim (.5)
XCE-0717.10 - 5x3x8 Shim (1.0)

STEP 28



XCE-1705.6 - LP Titanium Kingpin Screws (3)

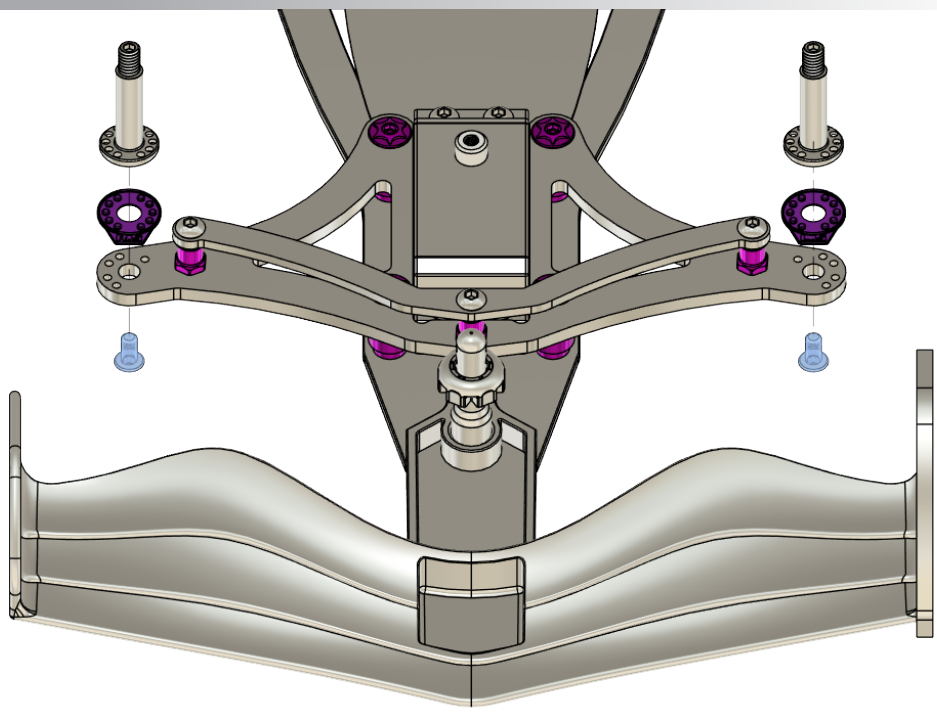
STEP 29



XCE-0925.5 - Pro Kingpins 5 degree
M3x12 Set Screw (2)

Repeat Assembly X2

STEP 30



The camber wedge is labled "L" and "R". Do Not change from designated sides.

XCE-0946.1 - Camber Wedge .5 Degree
M3x6 Button Head (2)

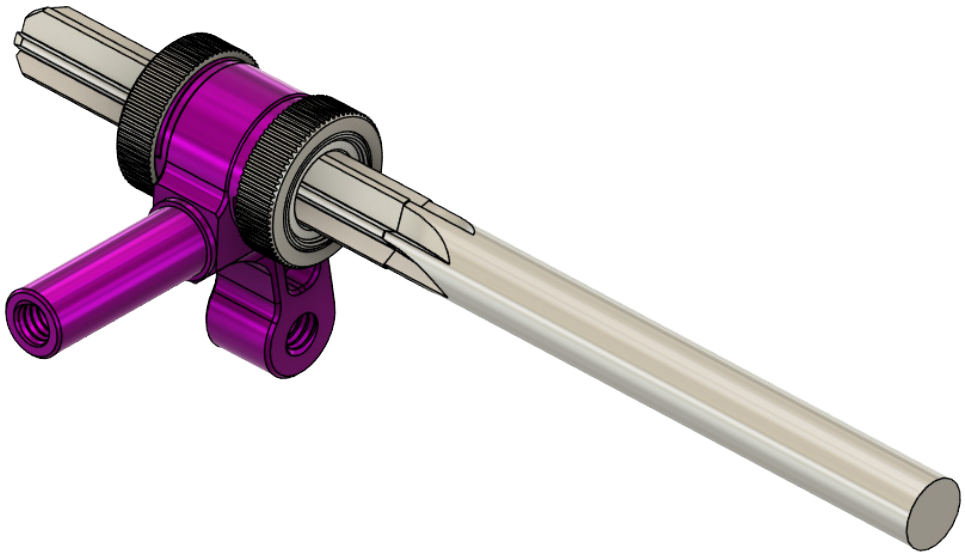
STEP 31



XCE-0765 - Steering Caps
XCE-0836.30 - Steering Blocks -3
XCE-0948 - Low Friction Steering Bushings

Repeat Assembly X2

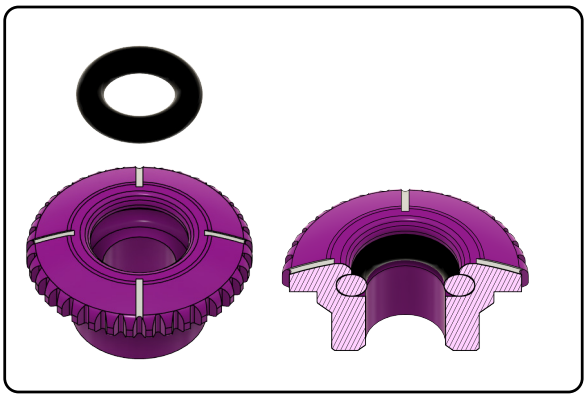
STEP 32



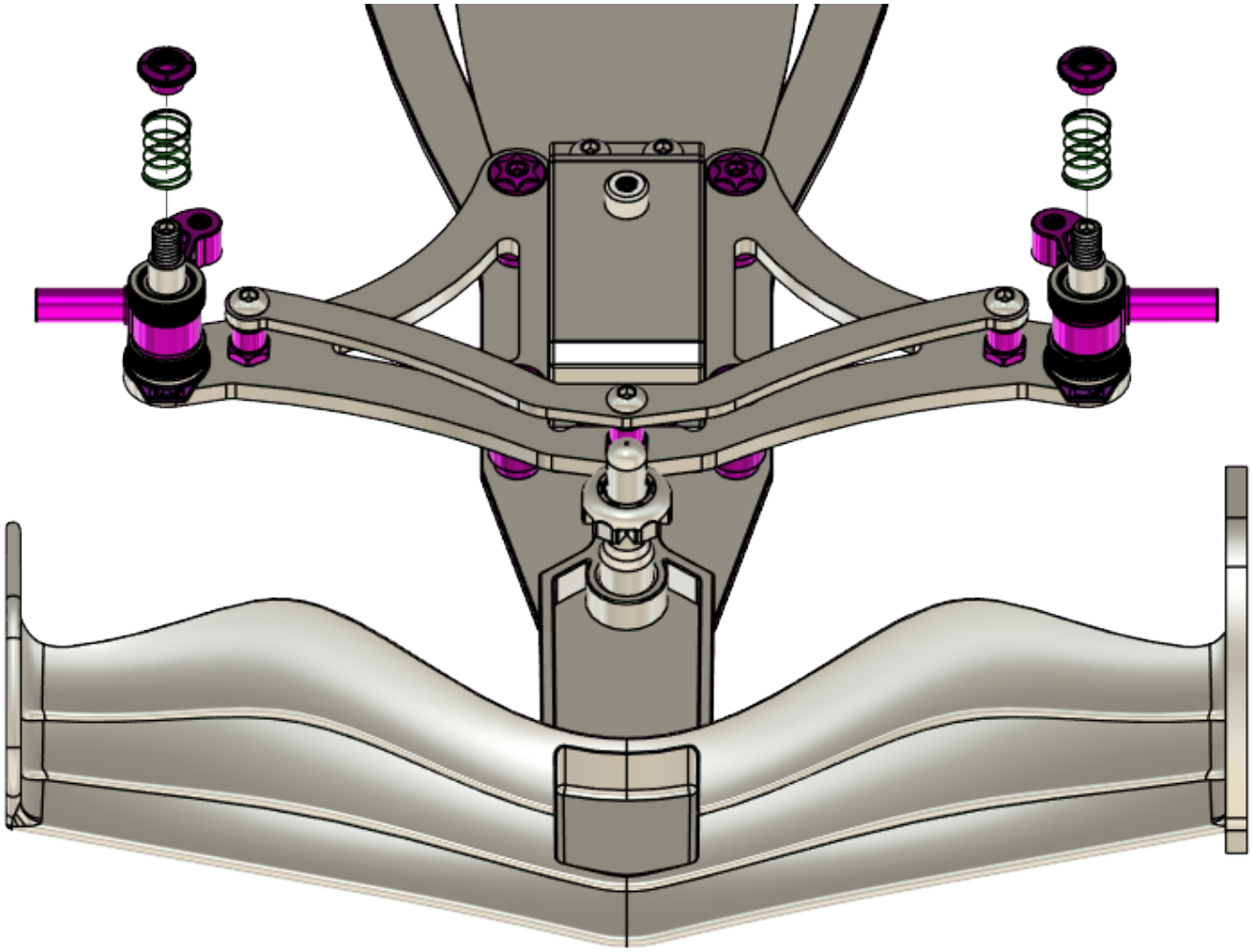
The steering bushings should be reamed after installation into the steering blocks.

Reamer Size: 5.14mm or .2020”

STEP 33



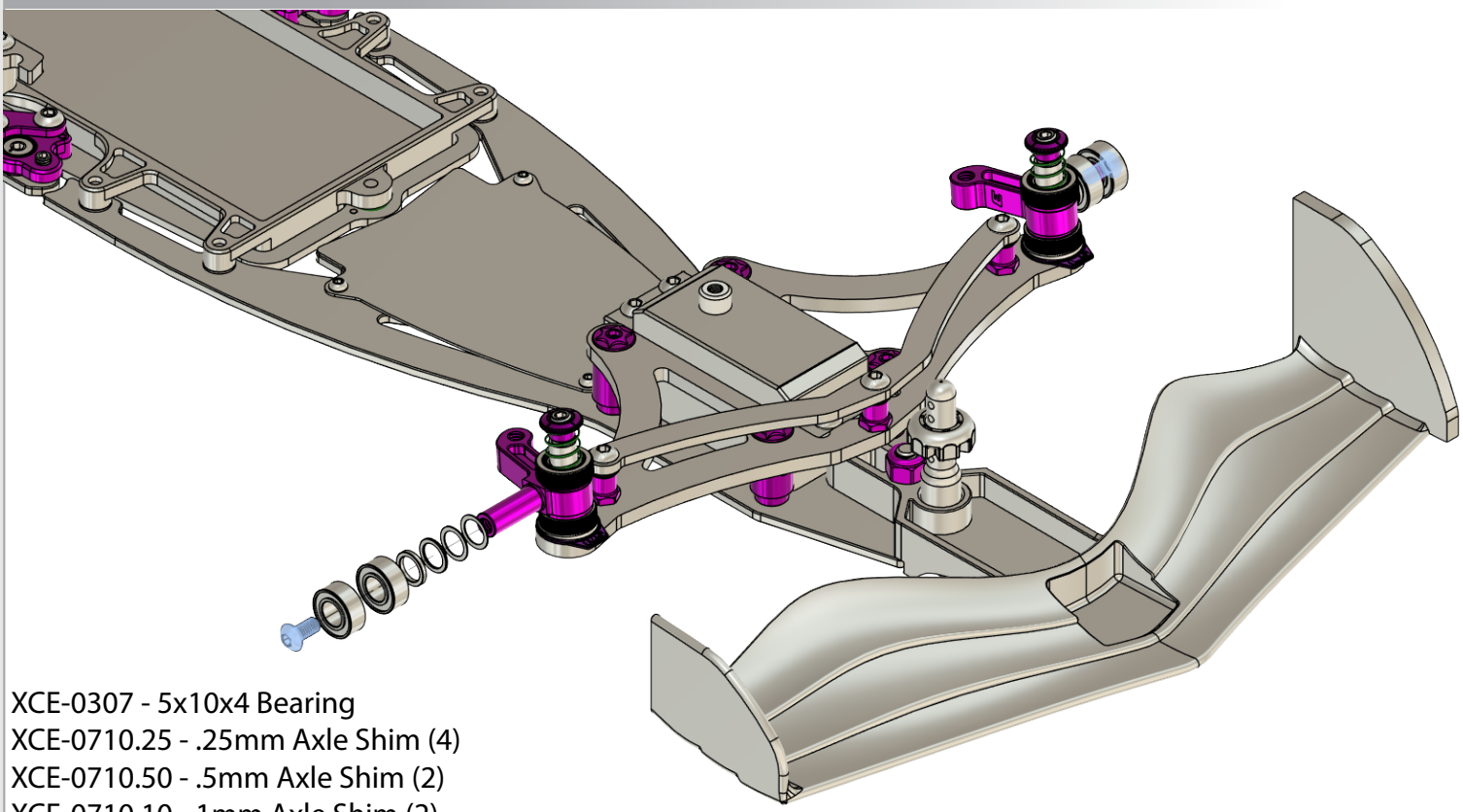
Install o-ring into groove inside of adjuster



Apply Kingpin Lubricant to the steering bushings prior to installation.
Recommended starting lubricant 10k.

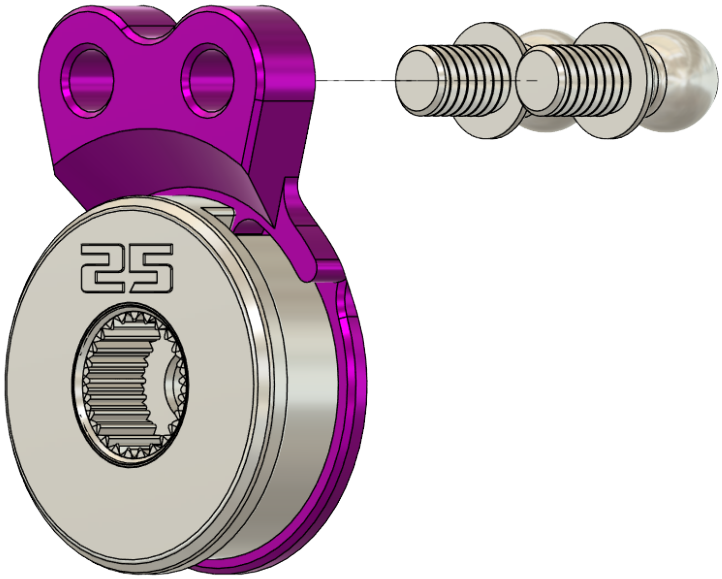
XCE-0705.46 - Front Spring 4.6lb (Green)
XCE-0926 - Kingpin Adjusters
XCE-0709 - Kingpin Shims (Optional)

STEP 34



XCE-0307 - 5x10x4 Bearing
XCE-0710.25 - .25mm Axle Shim (4)
XCE-0710.50 - .5mm Axle Shim (2)
XCE-0710.10 - 1mm Axle Shim (2)
M3x6 Button Head (2)

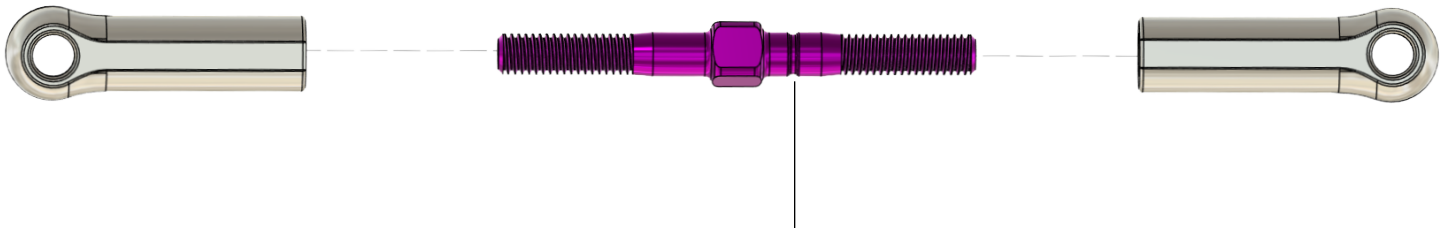
STEP 35



Optional 23t insert included in kit.

XCE-00840.6 - F1 / WGT Servo Crank
XCE-0767 - 4.3x4mm Ball Studs

STEP 36

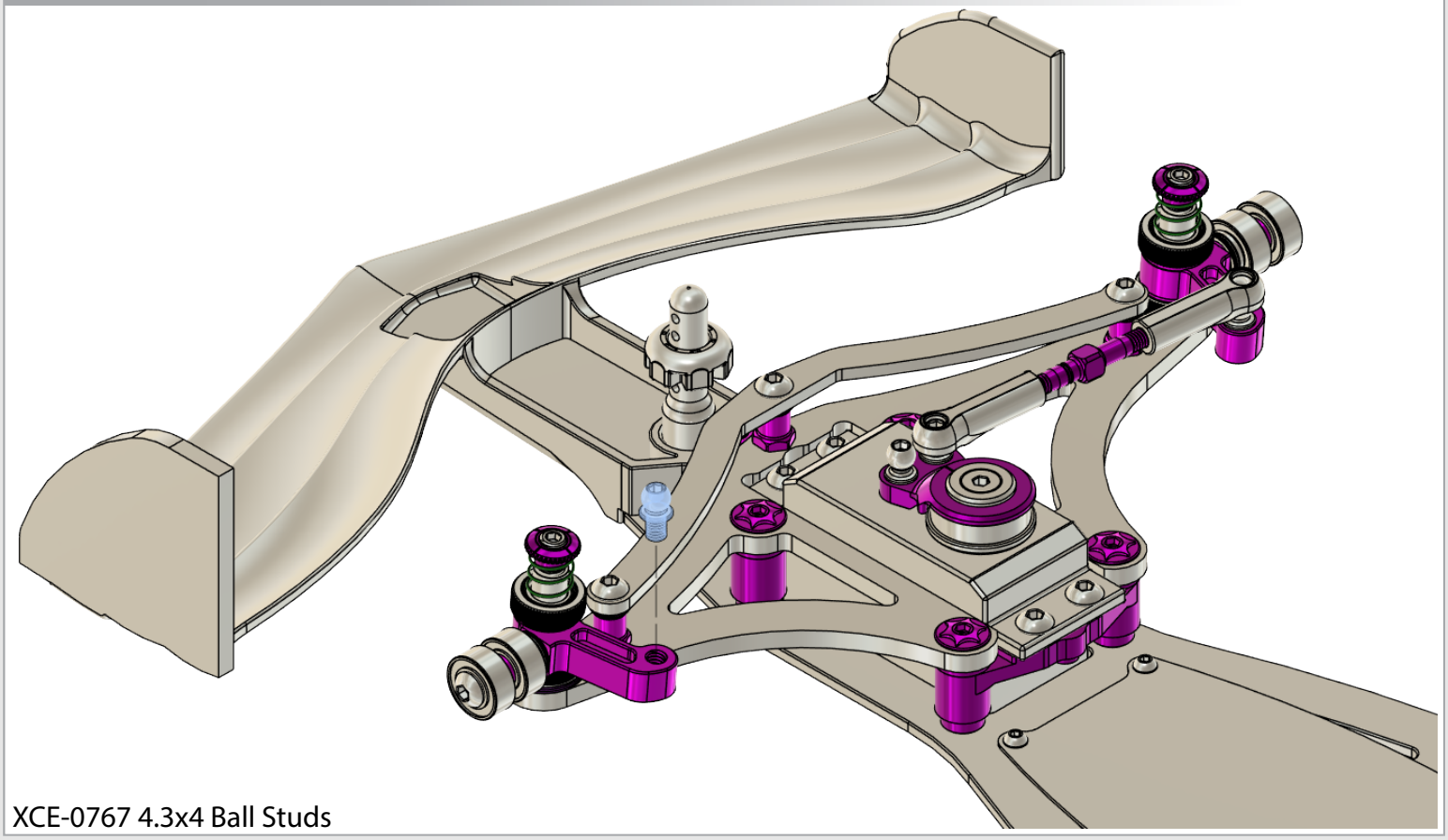


Line indicates left handed thread.

XCE-0768 - 4.3mm Ball Cups
XCE-1503.34 - M3x34 Titanium Turnbuckle

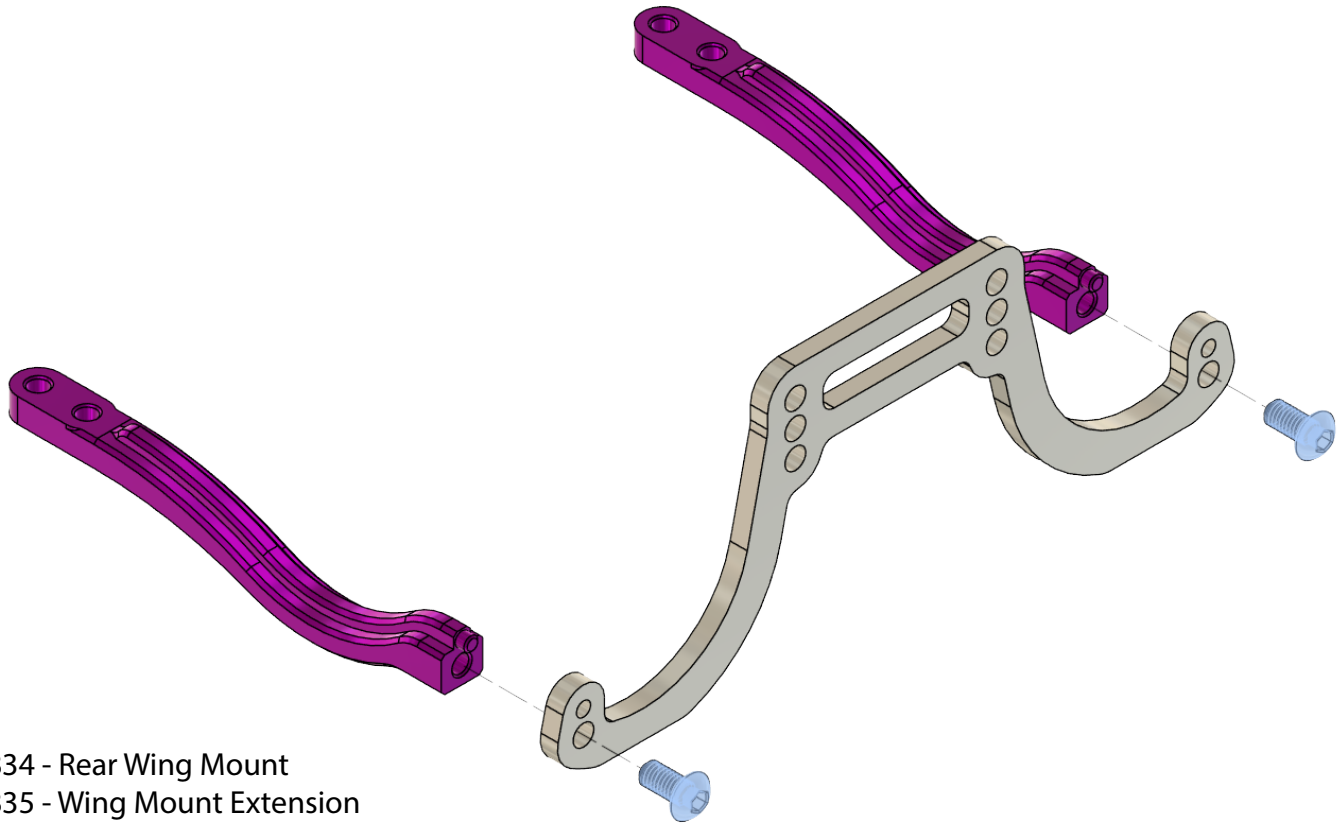
Repeat Assembly X2

STEP 37



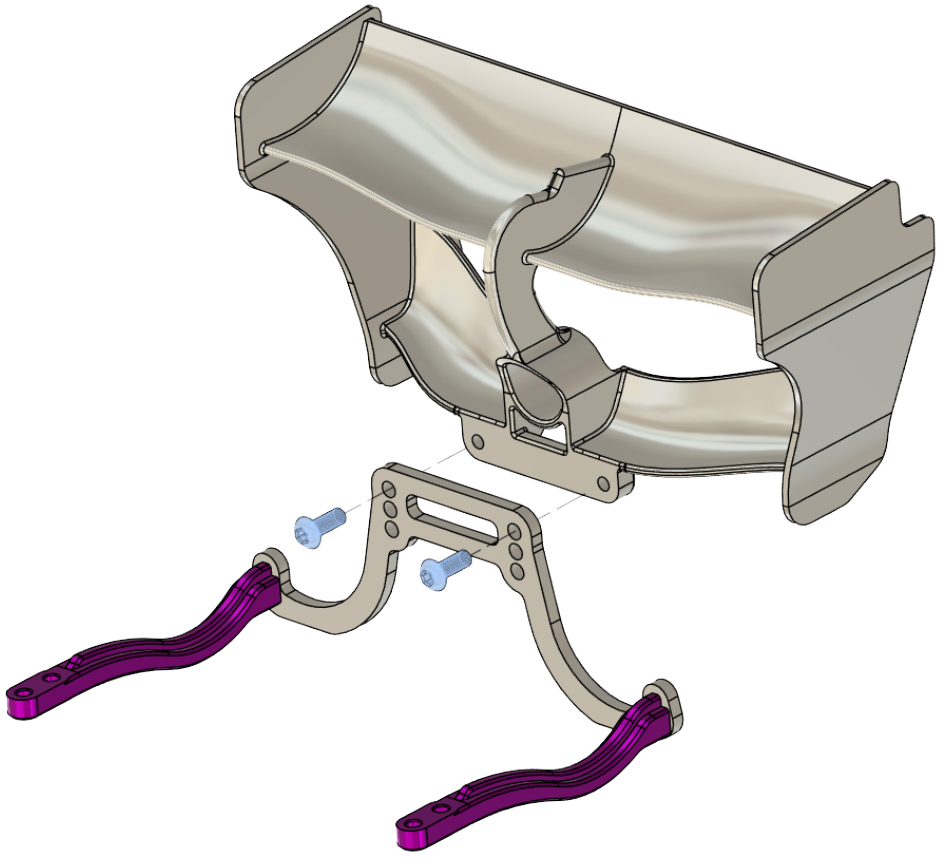
XCE-0767 4.3x4 Ball Studs

STEP 38



XCE-0834 - Rear Wing Mount
XCE-0835 - Wing Mount Extension
M3x6 Button Head (2)

STEP 39



XCE-0536.2 - Rear Wing
M3x8 Button Head (2)

KIT COMPONENTS

KIT COMPONENTS

XCE-0105.88w	88t Wide Spur Gear
XCE-0307	5 *10*4 Bearing
XCE-0323	1/4 x 3/8 Flanged Bearing
XCE-0530	P-Zero F1 Body
XCE-0535	P-Zero F1 Front Wing
XCE-0536	P-Zero F1 Rear Wing
XCE-0537	P-Zero F1 Halo
XCE-0701	Battery O-Ring
XCE-0705.46	Front Spring (4.6) Green
XCE-0706.25	Rear Spring (2.5) Teal
XCE-0709	Kingpin Shim
XCE-0711.10	1/4 Rear Axle Shim 1.0
XCE-0711.25	1/4 Rear Axle Shim .25
XCE-0711.50	1/4 Rear Axle Shim .50
XCE-0712.10	5*7 Front Axle Shims 1.0
XCE-0712.25	5*7 Front Axle Shims .25
XCE-0712.50	5*7 Front Axle Shims .50
XCE-0715.06	5 x 7 x 1mm O-Ring - Medium Firm (Green)
XCE-0717.10	5.3 x 8 Shim 1.0
XCE-0717.5	5.3 x 8 Shim .5
XCE-0725.150	150k Dampner Grease
XCE-0751	Prodigy Flex Plate
XCE-0765	Prodigy Steering Cap
XCE-0767	4.3 Ball Stud
XCE-0768	4.3 Ball Cup
XCE-0771	Prodigy Support Stand Off
XCE-0775	Prodigy Flex Pivot
XCE-0776.10	Prodigy Pivot Socket 1.0
XCE-0777.10	Prodigy Pivot Screw 1.0
XCE-0778	Prodigy Carbon Insert
XCE-0779	Prodigy Spring Retainer
XCE-0780	Prodigy Damper Pivot
XCE-0787	Prodigy Axle Tube
XCE-0800	Body Post Adjustment Collar
XCE-0801	Adjustment Collar Pins
XCE-0802.29	Body Post 29mm
XCE-0803	Body Clips
XCE-0827	Prodigy Battery Tray (F1 / Pro 10)
XCE-0828	Prodigy F1 / Pro10 V2 Roll Plate
XCE-0829.4	Prodigy F1 Front Plate +4
XCE-0830	Prodigy F1 Front Brace
XCE-0832	Prodigy F1 Spring Plate
XCE-0833	Prodigy F1 / WGT Fan Mount
XCE-0834	Prodigy F1 Wing Mount
XCE-0835	Prodigy F1 Wing Extension
XE-0836.30	Prodigy F1 Steering Block -3
XCE-0837	Prodigy F1 / WGT Servo Mount
XCE-0838	Prodigy F1 / WGT Left Mount
XCE-0839	Prodigy F1 / WGT Motor Mount
XCE-0840.6	Prodigy WGT / F1 Servo Crank
XCE-0842	Prodigy F1 Left Hub
XCE-0843	Prodigy F1 Spool Hub
XCE-0851	Prodigy F1 Steel Chassis Plate
XCE-0852	Prodigy F1 Electronics Plate
XCE-0910	Prodigy Decal Set
XCE-0925.5	Pro King Pin 5 Degree
XCE-0926	Pro King Pin Adjusters (with o-ring)
XCE-0930.97	Carbon Rear Axle 97mm
XCE-0933	V2 Bump Stop (Purple)
XCE-0940	Bump Stop Extension
XCE-0945	Prodigy Aluminum Dampner Rods / Screws
XCE-0946.1	.5 Camber Wedge
XCE-0948	Prodigy Low Friction Steering Bushing
XCE-1010	3 x 6 x .5 Ball Stud Shim
XCE-1020	3 x 8 x 1 Shim
XCE-1503.34	34mm Tie Rod - Titanium
XCE-1705.6	Low Profile Titanium Kingpin Screw
XCE-9016	M4 Wheel Nuts

KIT HARDWARE

M2 x 3 Button Head (4)
M2 x 5 Button Head (5)t
M2.5 x 6 Button Head (4)
M3 x 5 Button Head (2)
M3 x 6 Button Head (24)
M3 x 8 Button Head (4)
M3 x 10 Button Head (2)

M1.7 x 2 Flat Head (4)
M2.5 x 6 Flat Head (2)
M3 x 6 Flat Head (9)
M3 x 8 Flat Head (5)
M3 x 14 Flat Head (1)
M4 x 14 Flat Head (1)

M3 x 5 Set Screw (4)
M3 x 5 Point Set Screw (2)
M3 x 12 Set Screw (2)

M4 Lock Nut (1)

PRODIGY
SET UP SHEET

Driver _____ Event _____ Finish _____

Date _____ Qualify _____ Best Lap Time _____

FRONT SUSPENSION

Ride Height:	Track Width:	Toe:	Droop:
Front Plate: Select	Servo Plate: Select	Kingpin: Select	Camber:
Steering Block: Select	Bump Steer Shim:	Front Spring: Select	Spring Shim:
Kingpin Shim:	Lubrication: Select		

Additional

REAR SUSPENSION / AXLE

Ride Height:	Axle Tube Spacers:	Track Width:	Droop:
Side Pivot: Select	Side O-Ring: Select	Front/Back Pivot: Select	Front/Back O-Ring: Select
Rear Spring: Select	Bump Stop: Select	Lubrication: Select	
Rear Axle: Select	Fluid:		

Additional

ELECTRONICS

MOTOR
Model:
Timing:

BATTERY
Model:
Plug Location: Select

SPEED CONTROL
Model:
Position: Select

SERVO
Model:
Position: Select
Crank:

GEARING
Spur:
Pinion:
Roll Out:

Additional

BODY / TIRES

FRONT
Brand:
Compound:
Diameter:

REAR
Brand:
Compound:
Diameter:

ADDITIVE
Brand:
Front Time:
Rear Time:

BODY
Brand:
Position:
Height (Side Dams):

WEIGHTS
Total Weight:
F/R Percentage:

Additional