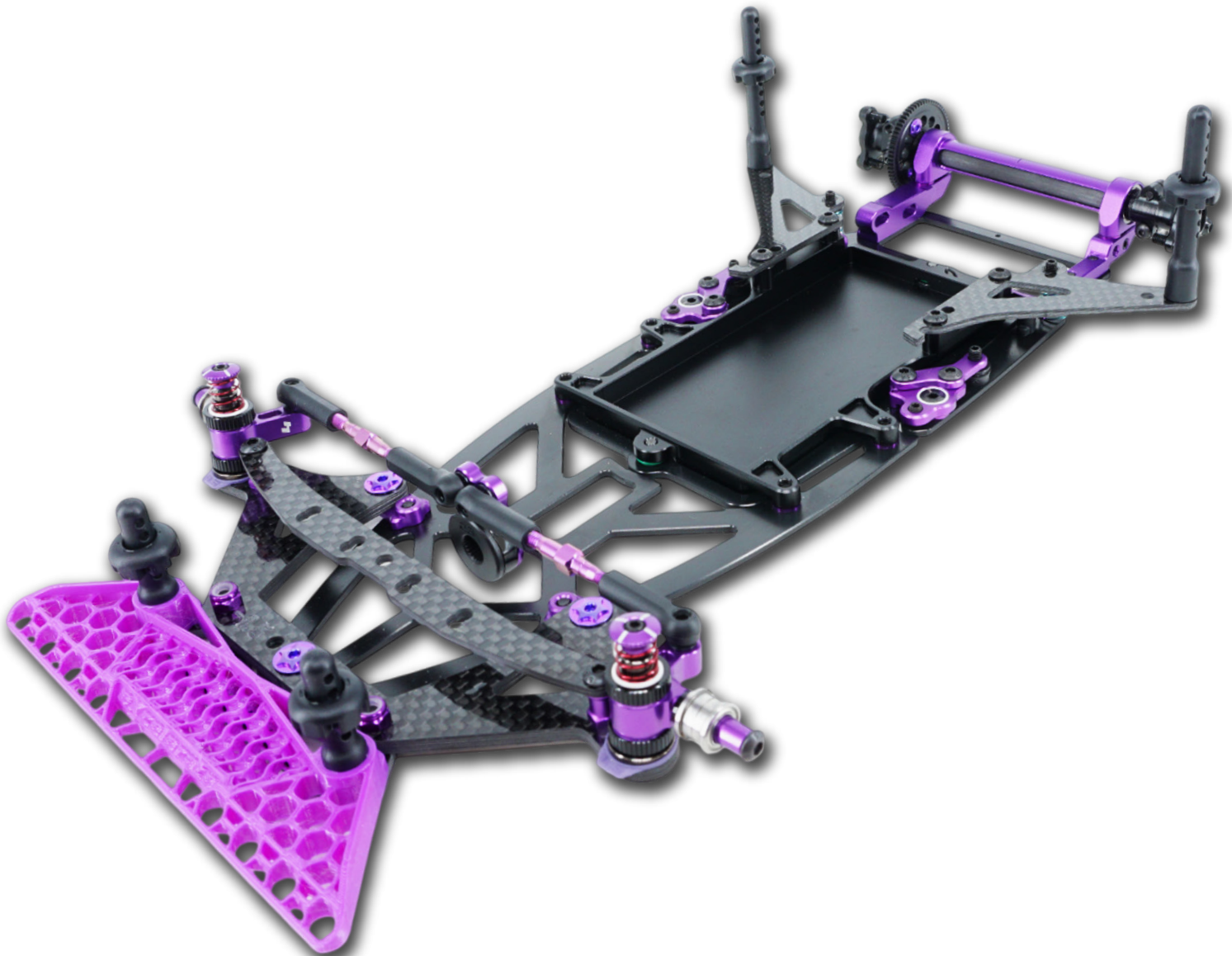


PRODIGY

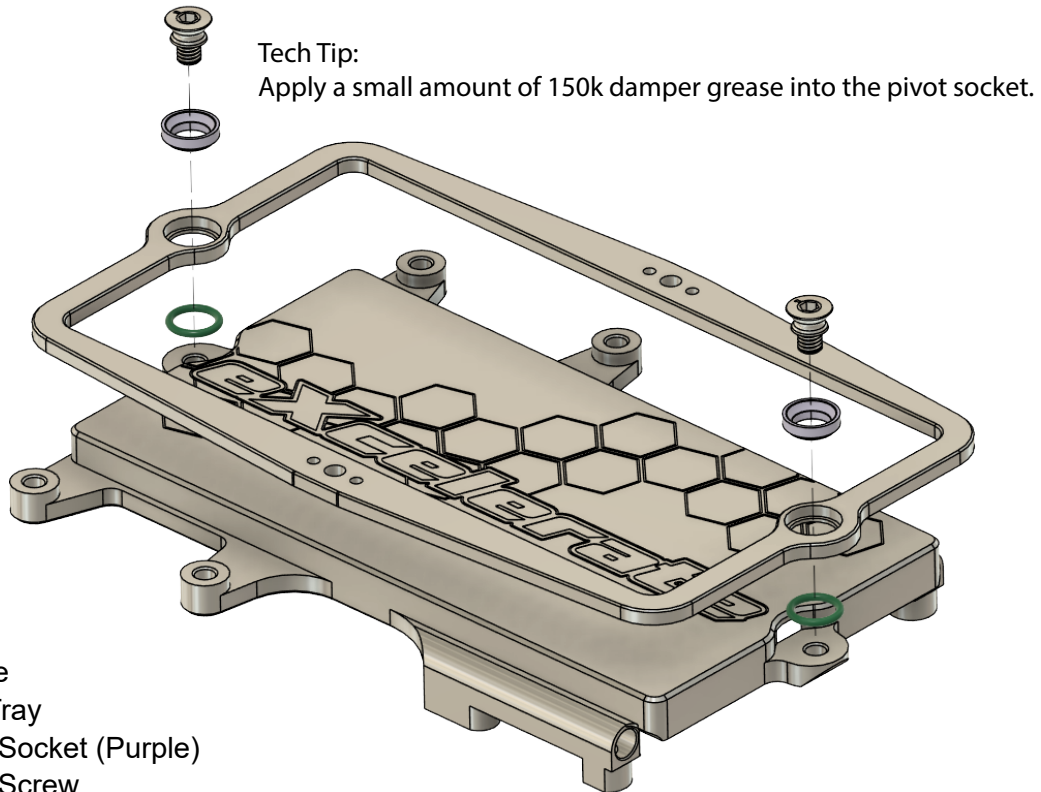
12 TEAM EDITION

eXcelerate

www.eXcelerateRC.com

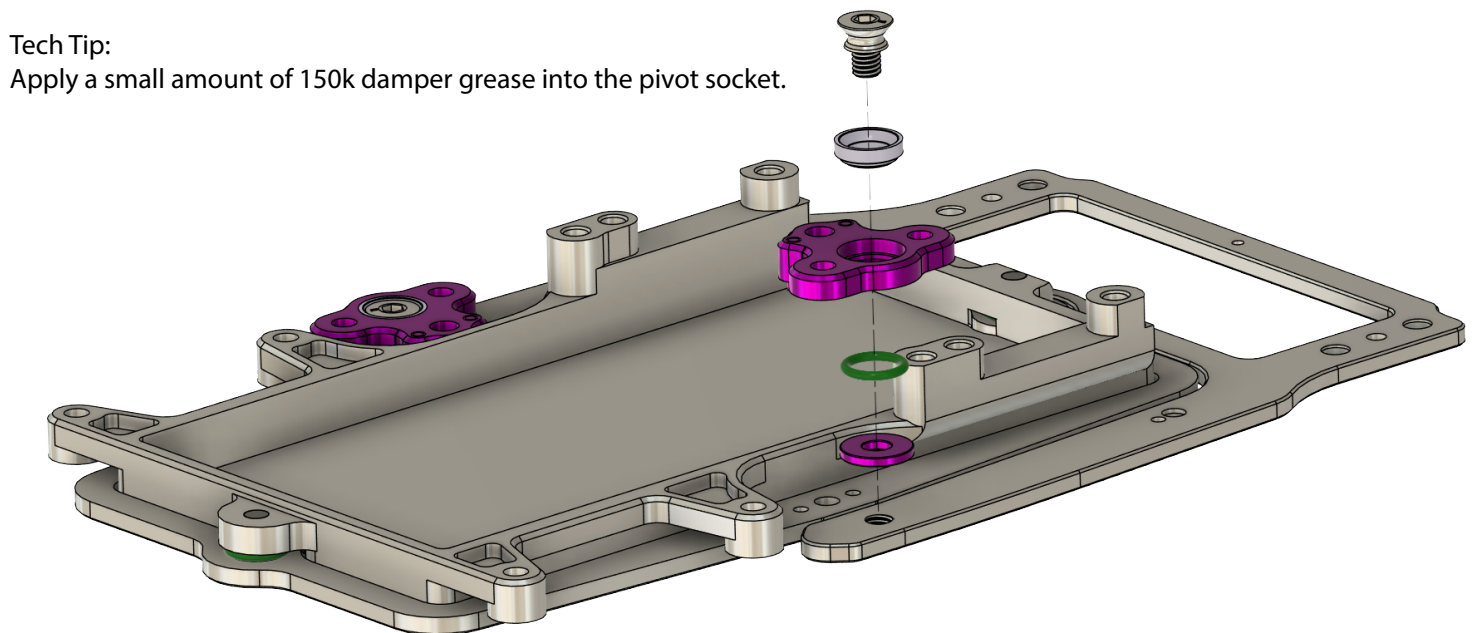


STEP 1



- XCE-0752 - Roll Plate
- XCE-0753 - Battery Tray
- XCE-0776.10 - Pivot Socket (Purple)
- XCE-0777.10 - Pivot Screw
- XCE-0715.06 - 5x7x1 O-Ring (Medium / Firm)

STEP 2

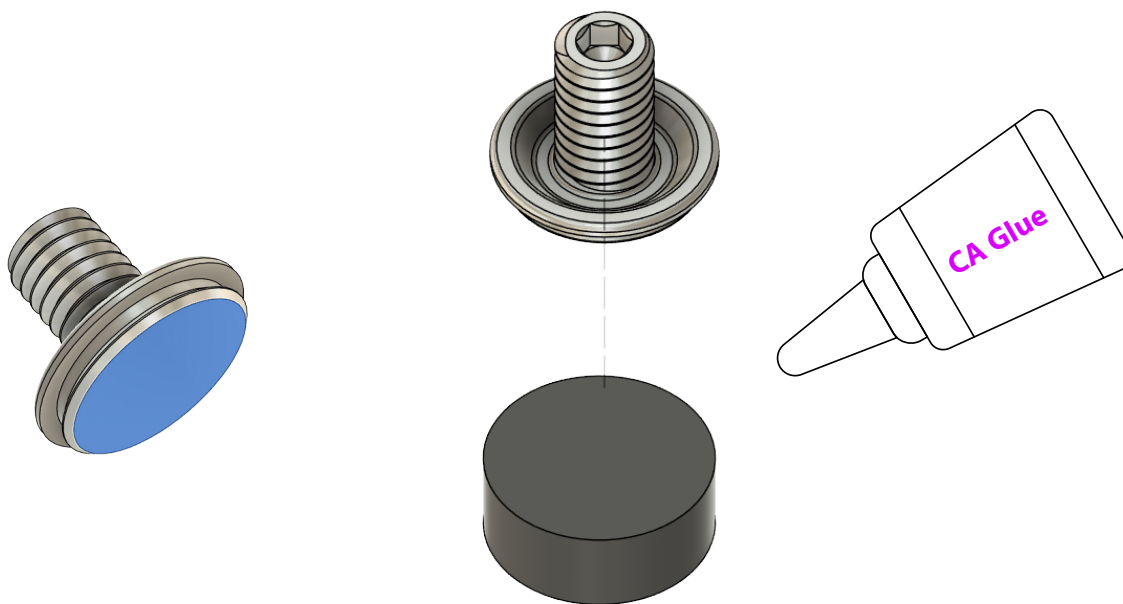


- XCE-0775 - Flex Pivot
- XCE-0776.10 - Pivot Socket (Purple)
- XCE-0777.10 - Pivot Screw
- XCE-0715.06 - 5x7x1 O-Ring (Medium / Firm)
- XCE-1020 - 3x8x1 Shim

Repeat Assembly X2

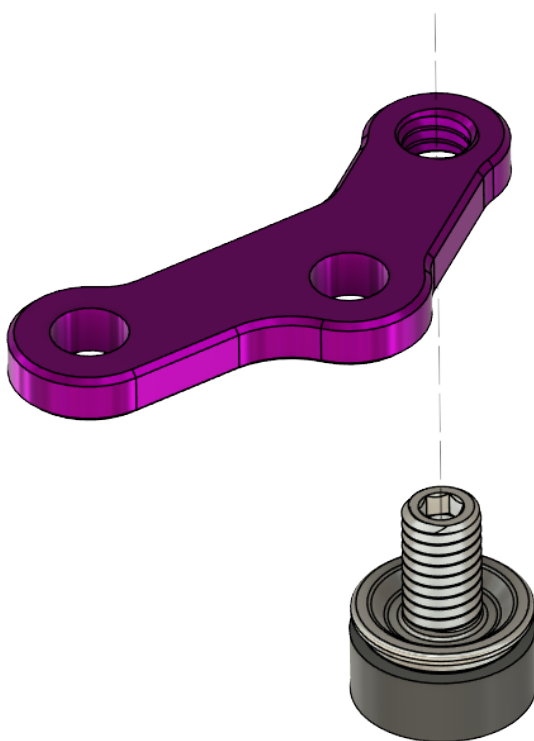
STEP 3

Repeat Assembly 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



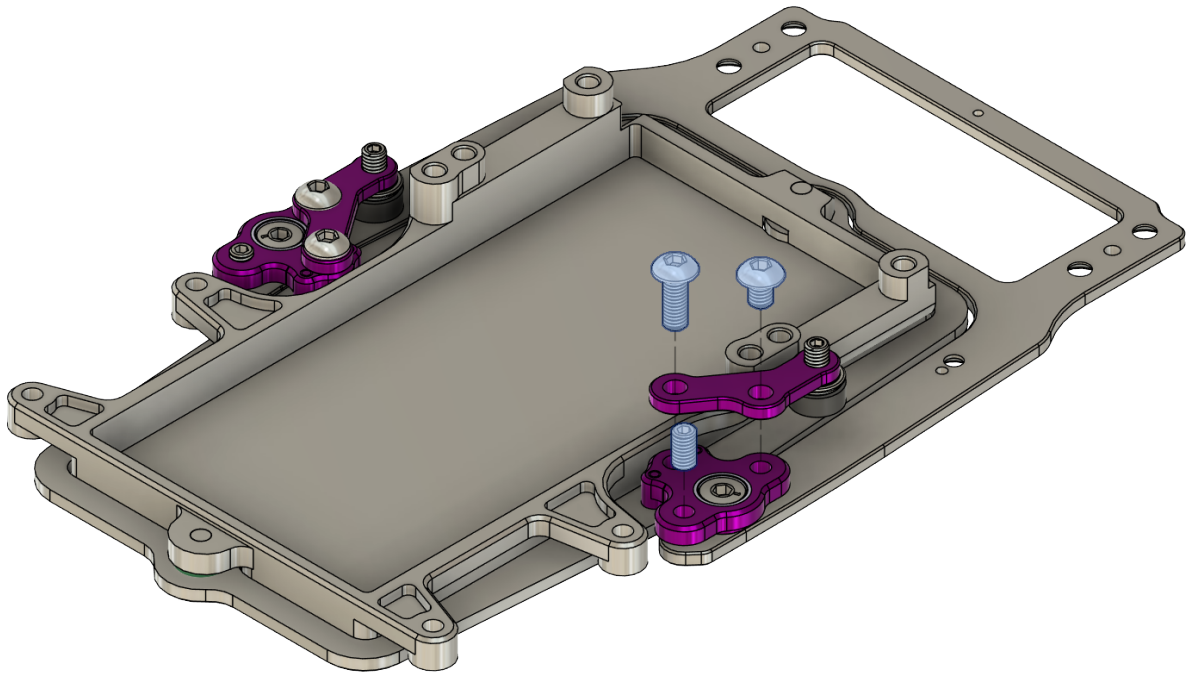
XCE-0940 - Bump Stop Extension

XCE-0779 - Spring Retainer

XCE-0933.SS - V2 Bump Stop Super Soft

Repeat Assembly X2

STEP 5



Hardware

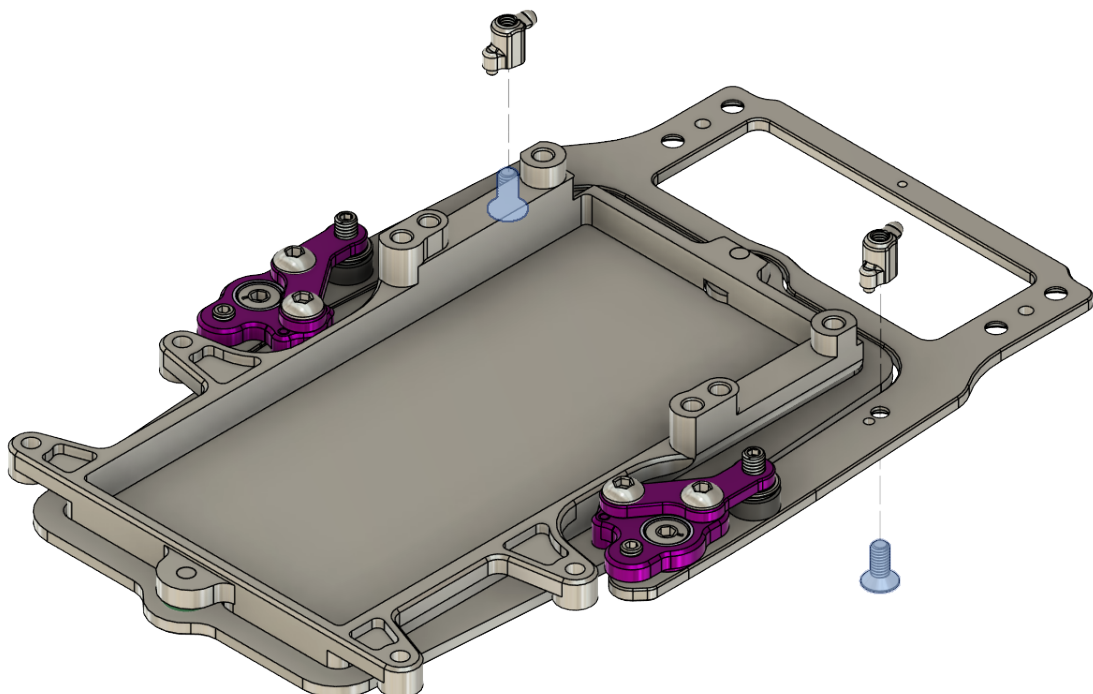
M3 x 5 Button Head (2)

M3 x 8 Button Head (2)

M3 x 5 Set Screw (2)

Repeat Assembly X2

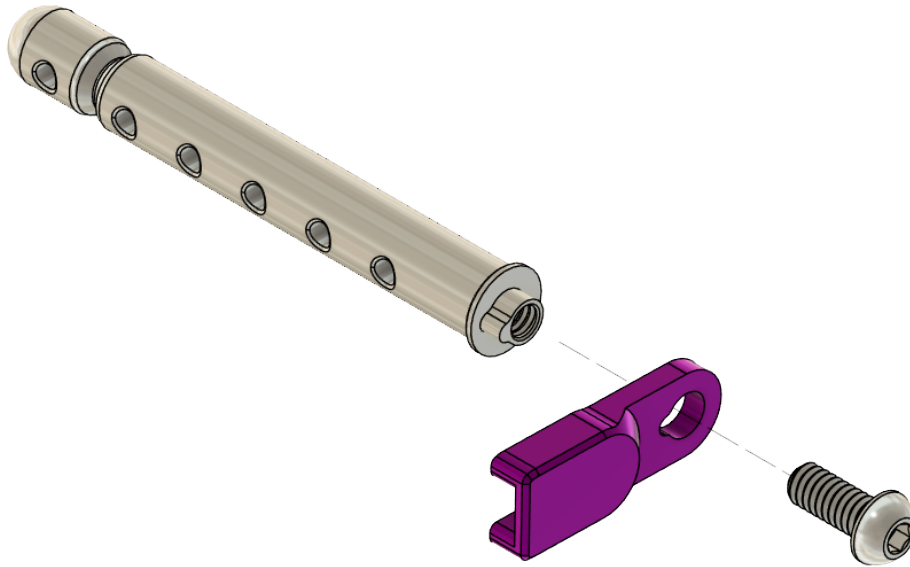
STEP 6



XCE-0780 - Damper Pivots

M2.5 x 6 Flat Head Screws (2)

STEP 7

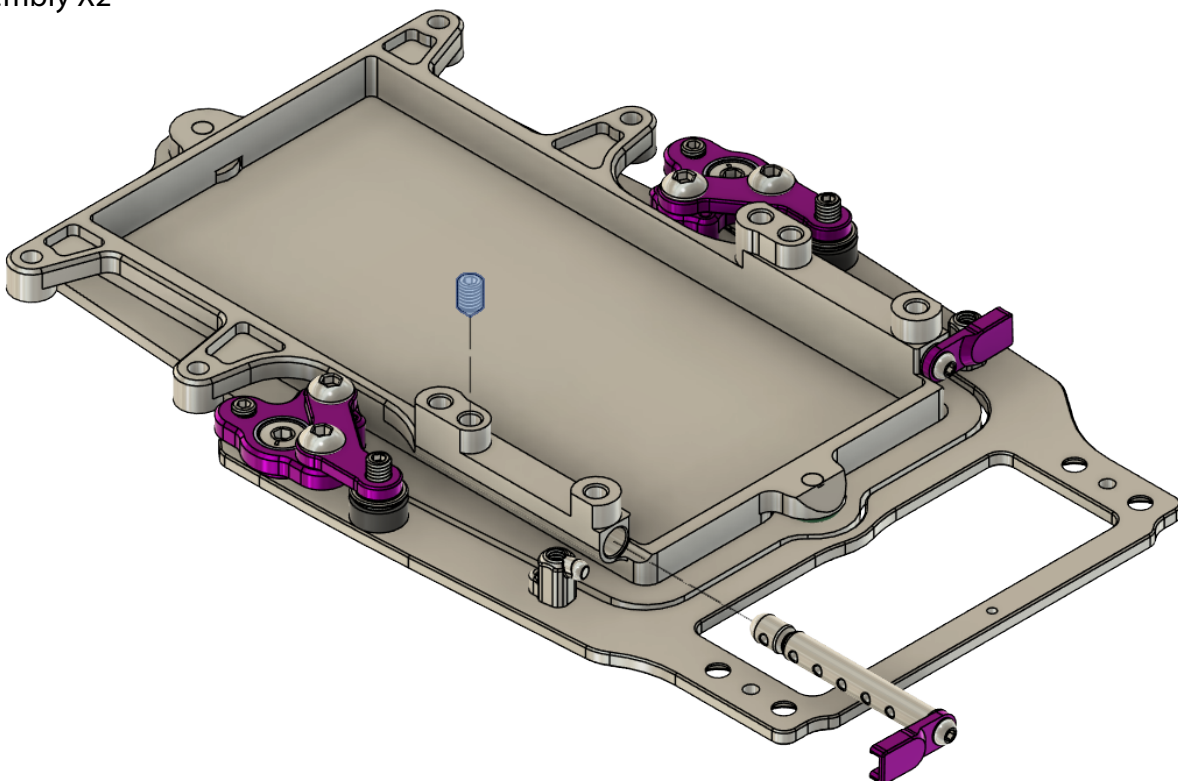


Apply dampning grease to dampner rod before installation into battery tray.

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

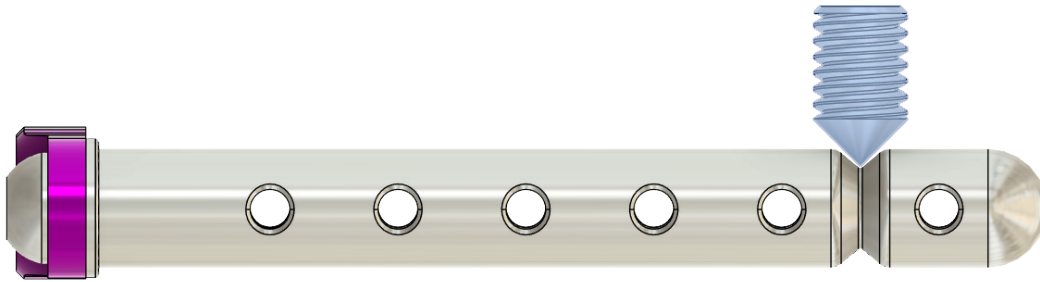
STEP 8

Repeat Assembly X2



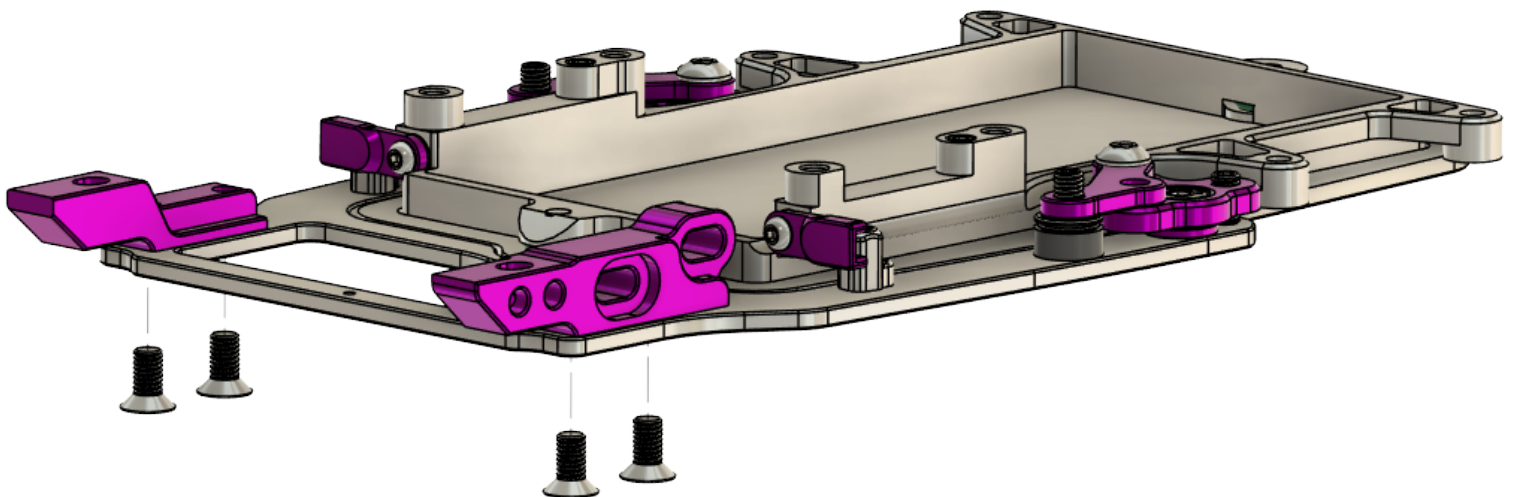
Hardware
M3 x 5 Pointed Set Screw (2)

STEP 9



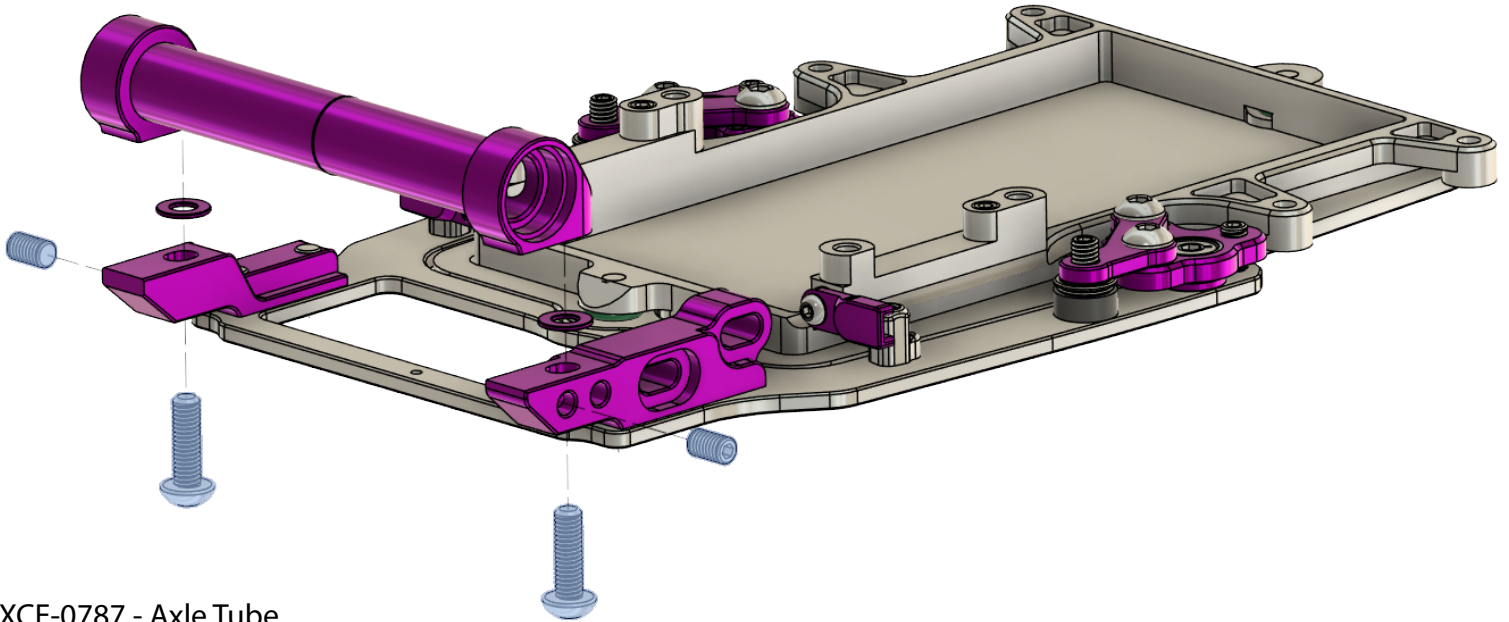
The M3 x 5 pointed set screw retains the damper rod in the battery tray.
Ensure the damper rod rotates freely after the set screw is installed.

STEP 10



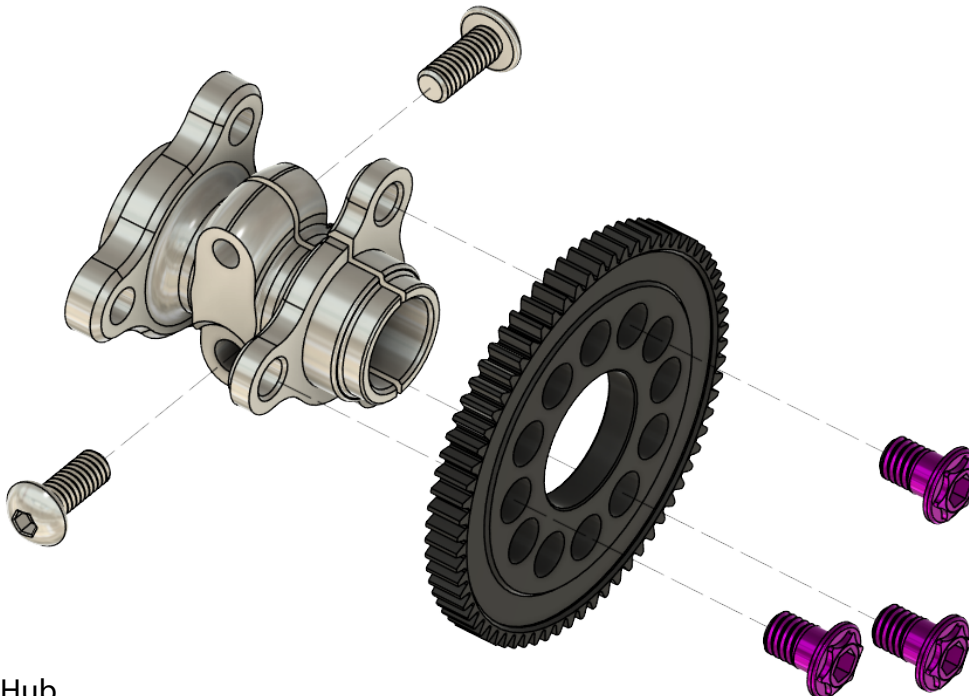
XCE-0785 - Motor Mount
XCE-0786 - Left Mount
M3x6 Flat Head (4)

STEP 11



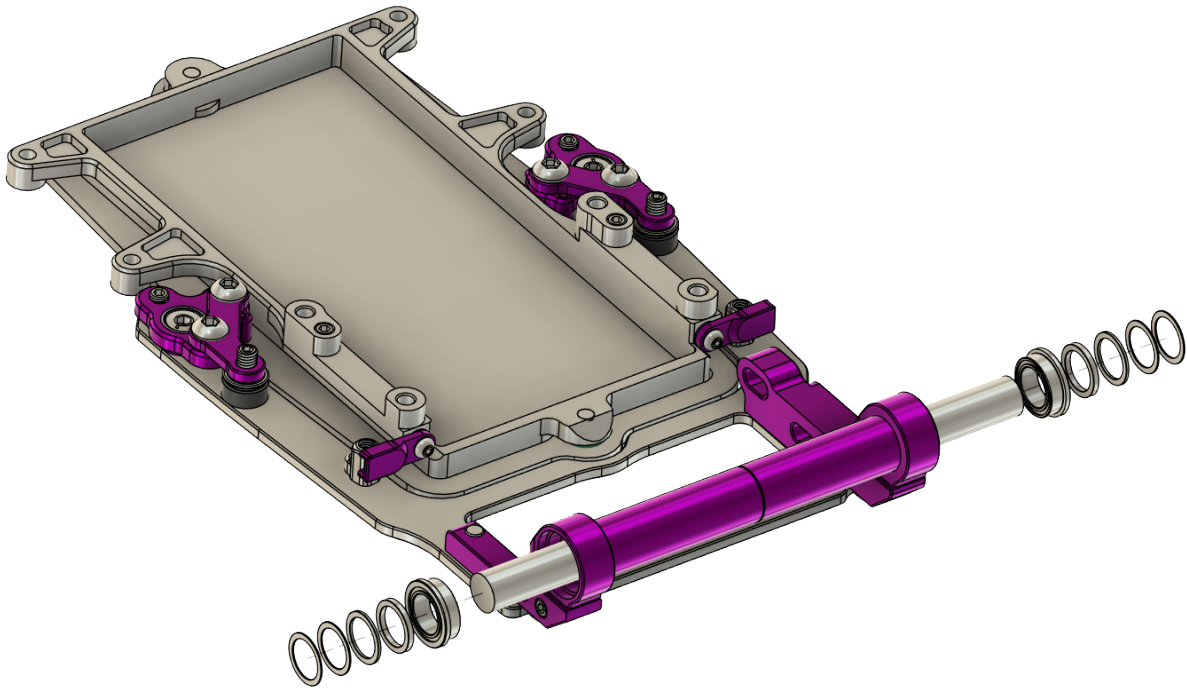
XCE-0787 - Axle Tube
 XCE-1010.6 - .5 Shim
 M3x5 Set Screw (2)
 M3x10 Button Head (2)

STEP 12



XCE-0931 - Spool Hub
 XCE-0105.68 - 68t TC Spur Gear
 XCE-1700.6 - LP Titanium Spur Gear Screw (3)
 M2.5x6 Button Head (2)

STEP 13

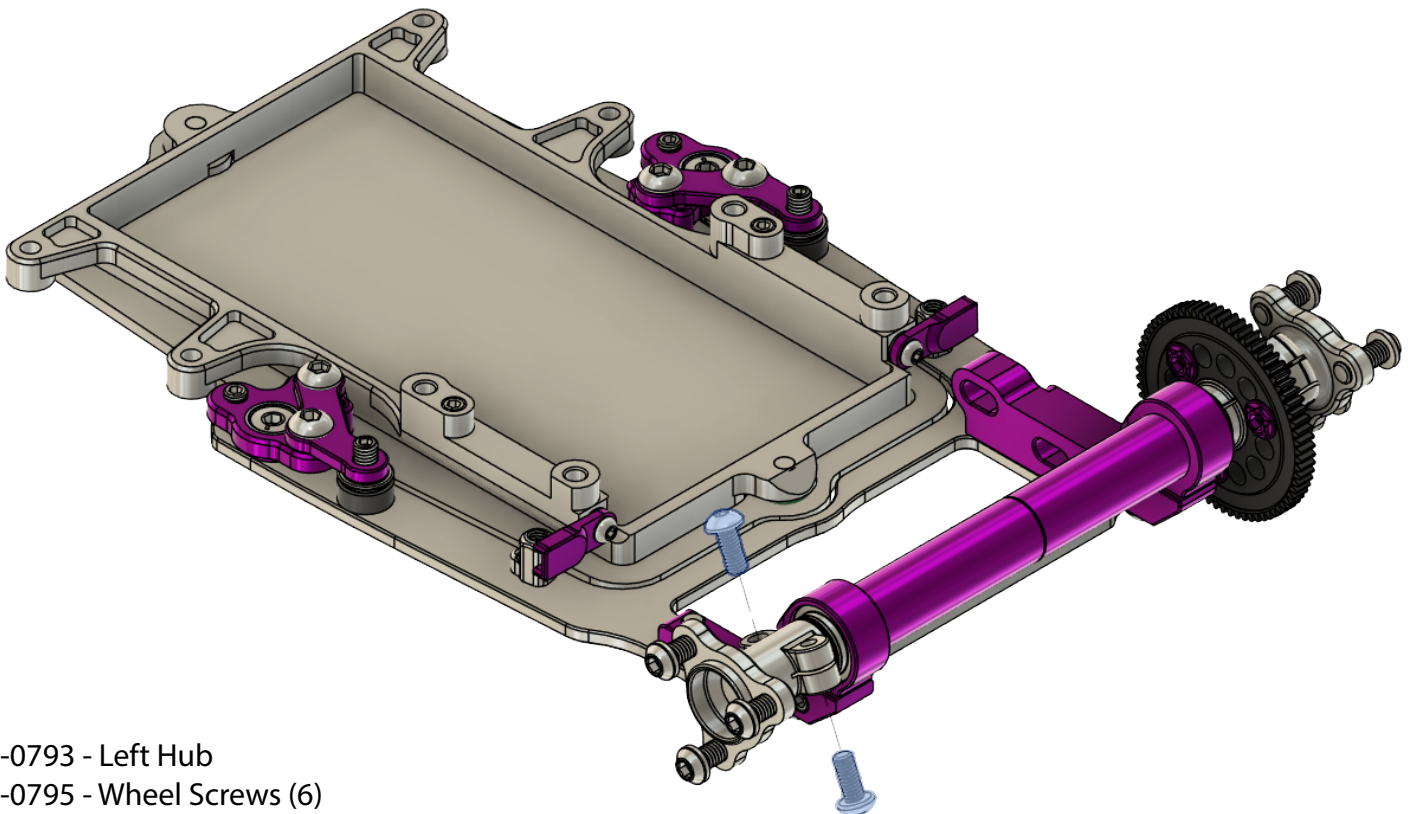


XCE-0711.25 - Axle Shim .25mm (4)

XCE-0711.50 - Axle Shim .50mm (2) XCE-0323 - 1/14 x 3/8 Flanged Bearings (2)

XCE-0711.10 - Axle Shim 1.0mm (2) XCE-0930.97- Pro Lite Axle 97mm

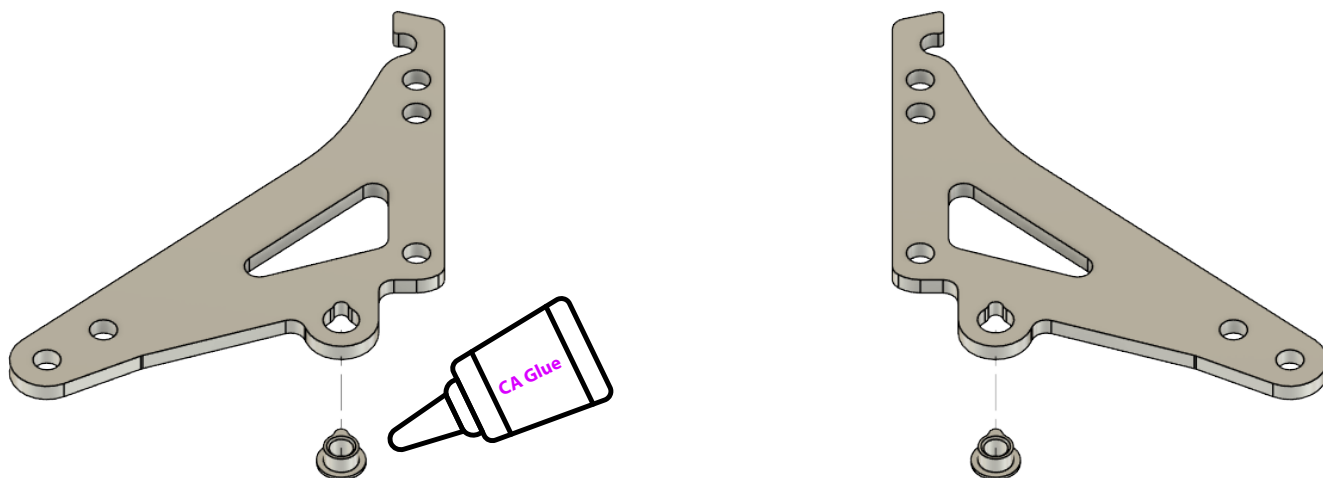
STEP 14



XCE-0793 - Left Hub

XCE-0795 - Wheel Screws (6)

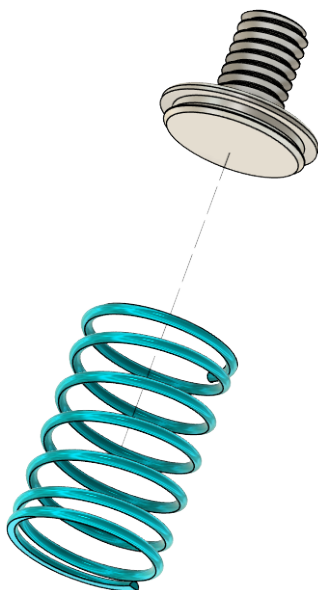
M2.5x6 Button Head (2)

STEP 15

Add a drop of CA glue to carbon insert before installation

XCE-0757 - Spring Plate

XCE-0778 - Prodigy Carbon Insert

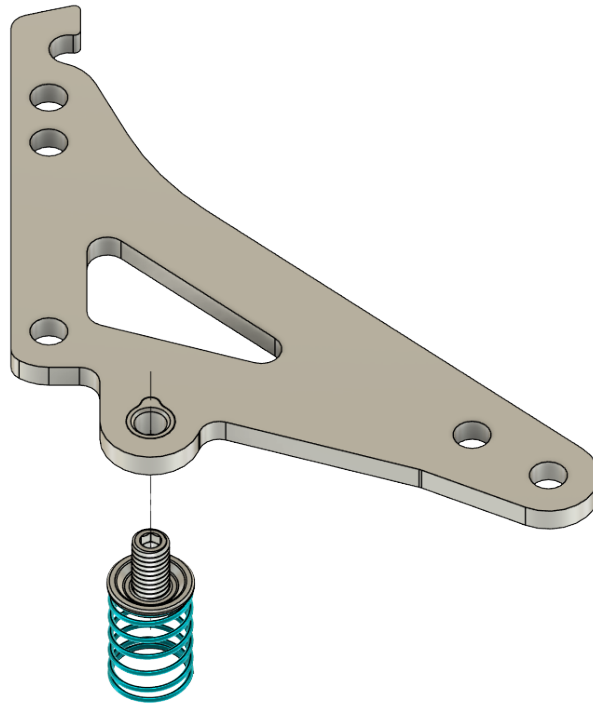
STEP 16

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

XCE-0779 - Spring Retainer

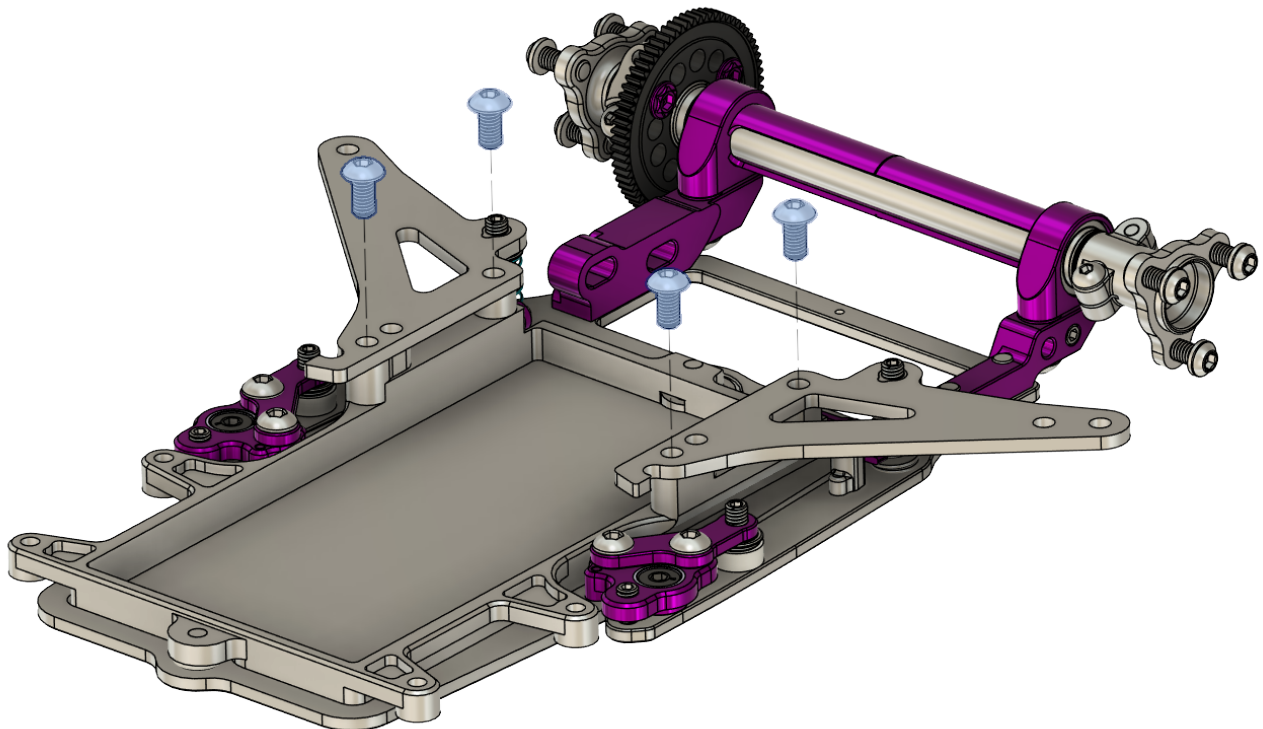
XCE-0706.25 (Teal 2.5lb)

STEP 17



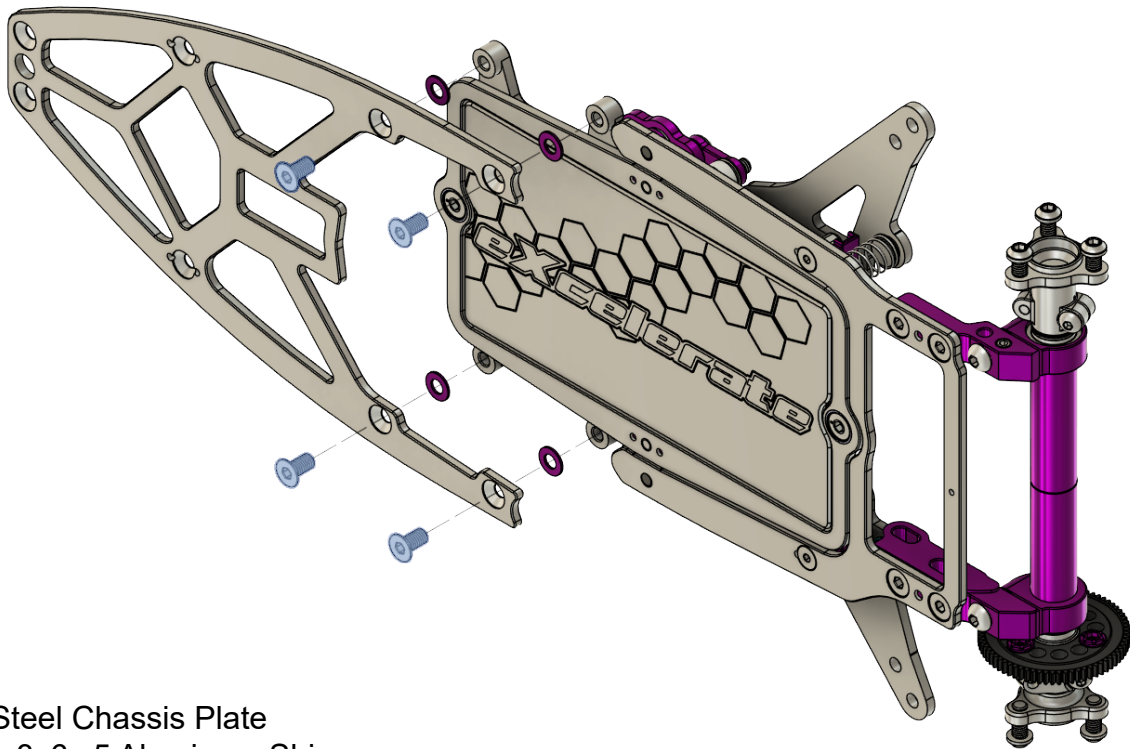
Install spring retainer into carbon insert with a 1.5 allen wrench using a counter clockwise rotation. The spring retainer will self tape into the carbon insert.

STEP 18



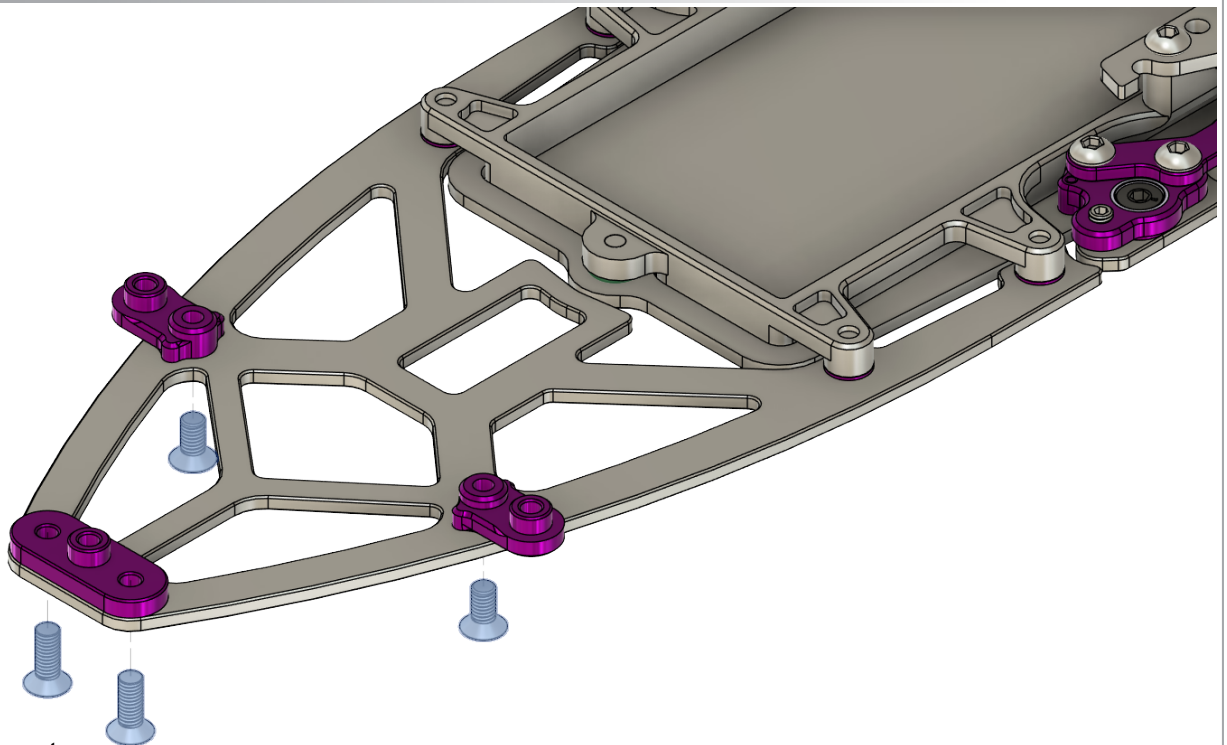
M3x6 Button Head (4)

STEP 19



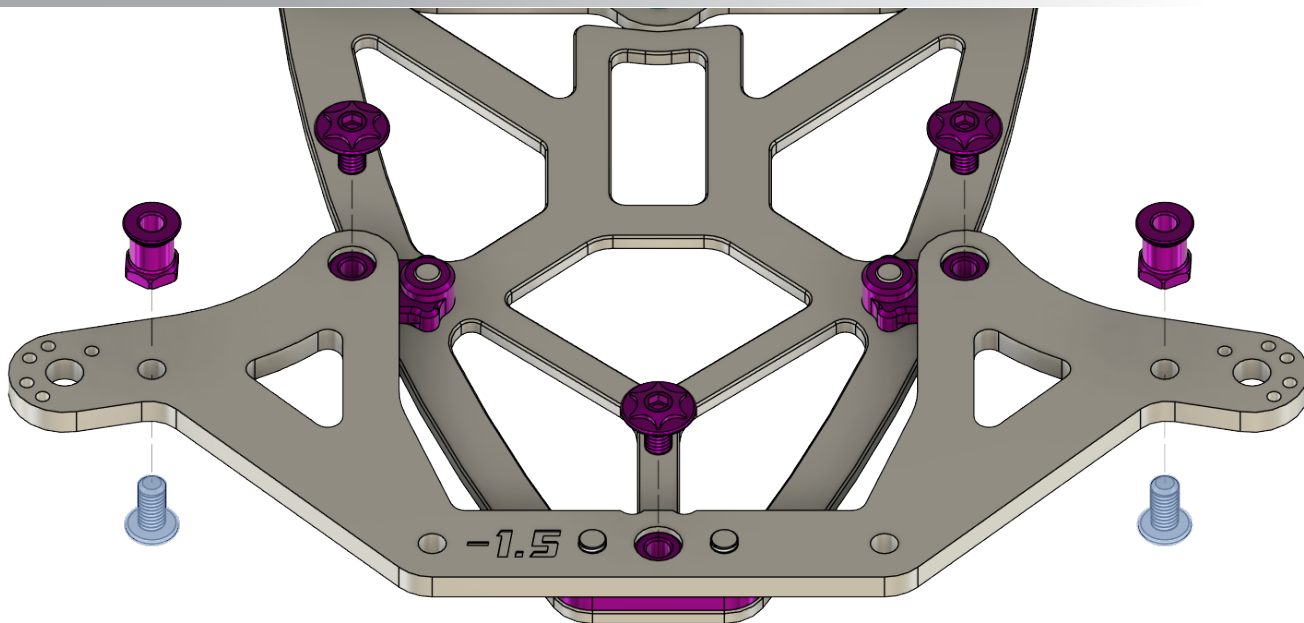
XCE-0815 - Steel Chassis Plate
 XCE-1010.6 - 3x6x.5 Aluminum Shim
 3x6 Flat Head (4)

STEP 20



XCE-0760 - A-Arm Mounts
 XCE-0761 - Front Mount
 M3x6 Flat Head (2)
 M3x8 Flat Head (2)

STEP 21



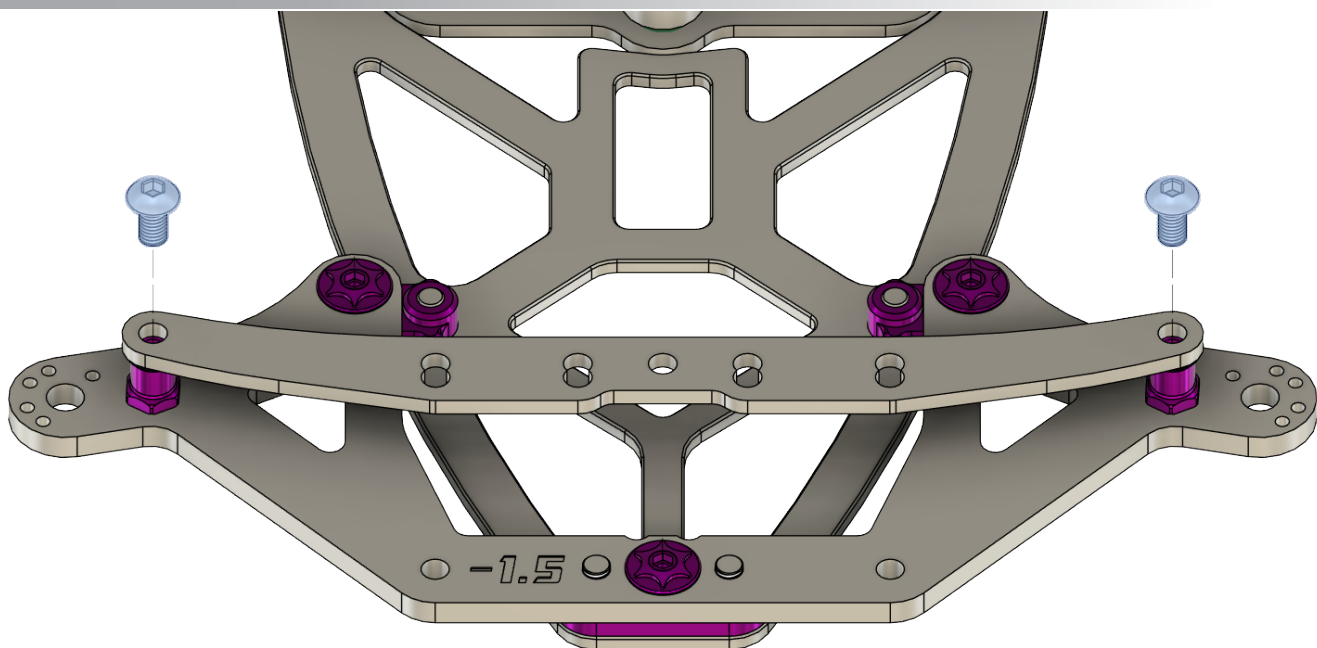
XCE-0754.15 - (-) 1.5 Front End Plate

XCE-0771 - Support Stand Off

XCE-1705.6 - LP Titanium Kingpin Screws (3)

M3x6 Button Head (2)

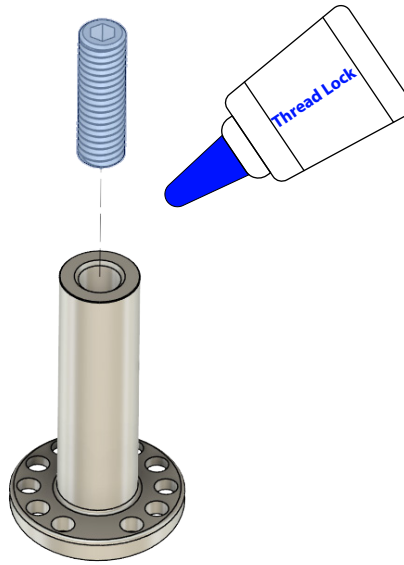
STEP 22



XCE-0756.0 - Servo Mount 0/-1.5

M3x6 Button Head (2)

STEP 23



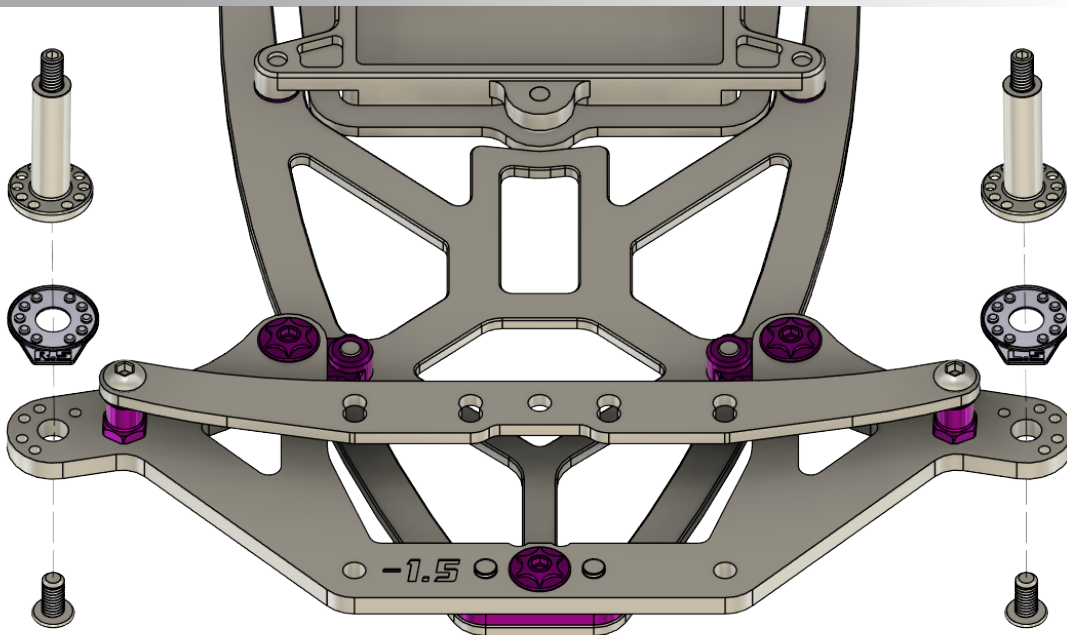
Team Tip:

Sand kingpin with a 600 grit sponge sanding block and polish with a polishing compound.

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

Repeat Assembly X2

STEP 24



Tech Tip:

The camber wedge is labeled "L" & "R". Do not change from designated sides.

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

STEP 25

XCE-0765 - Steering Caps

XCE-0766.40 - Steering Block -4

XCE-0948 - Low Friction Steering Bushings

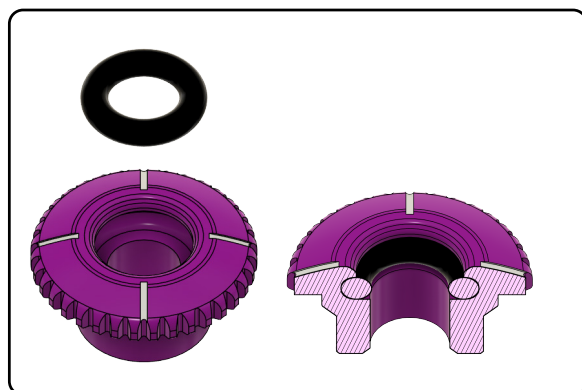
Repeat Assembly X2

STEP 26

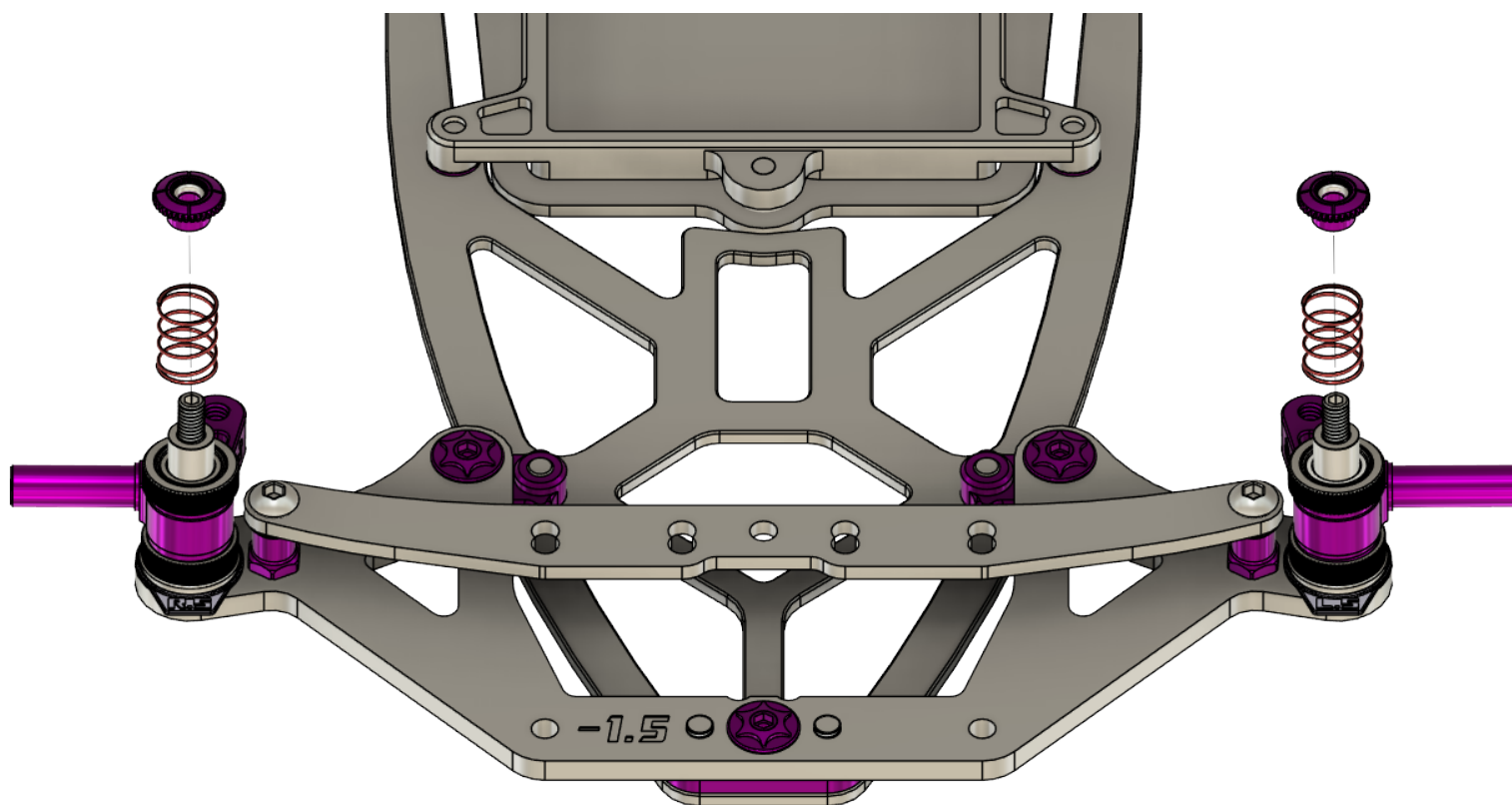
The steering bushings should be reamed after installation into the steering blocks.

Reamer Size: 5.14mm or .2020"

STEP 27



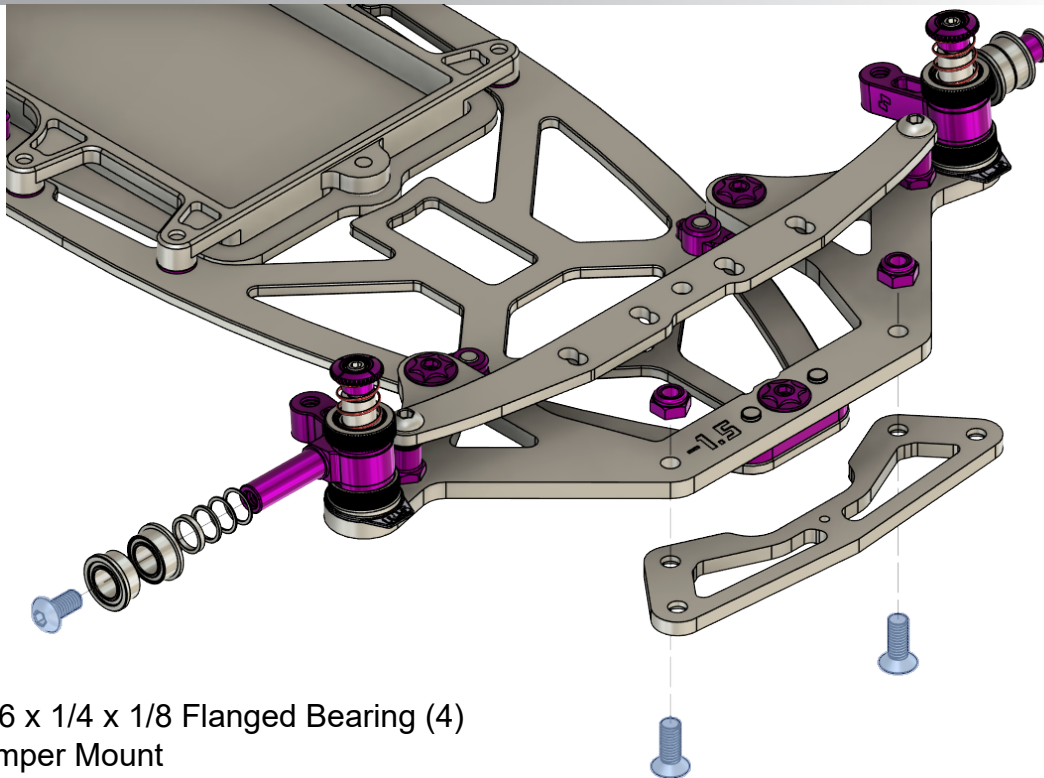
Install o-ring into groove inside of adjuster



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

XCE-0705.41 (Red 4.1lb)
XCE-0926 - Kingpin Adjusters
XCE-0709 - Kingpin Shims (Optional)

STEP 28



XCE-0323 - 3/16 x 1/4 x 1/8 Flanged Bearing (4)

XCE-0755 - Bumper Mount

XCE-0710.25 - .25mm Axle Shim (2)

XCE-0710.50 - .5mm Axle Shims (2)

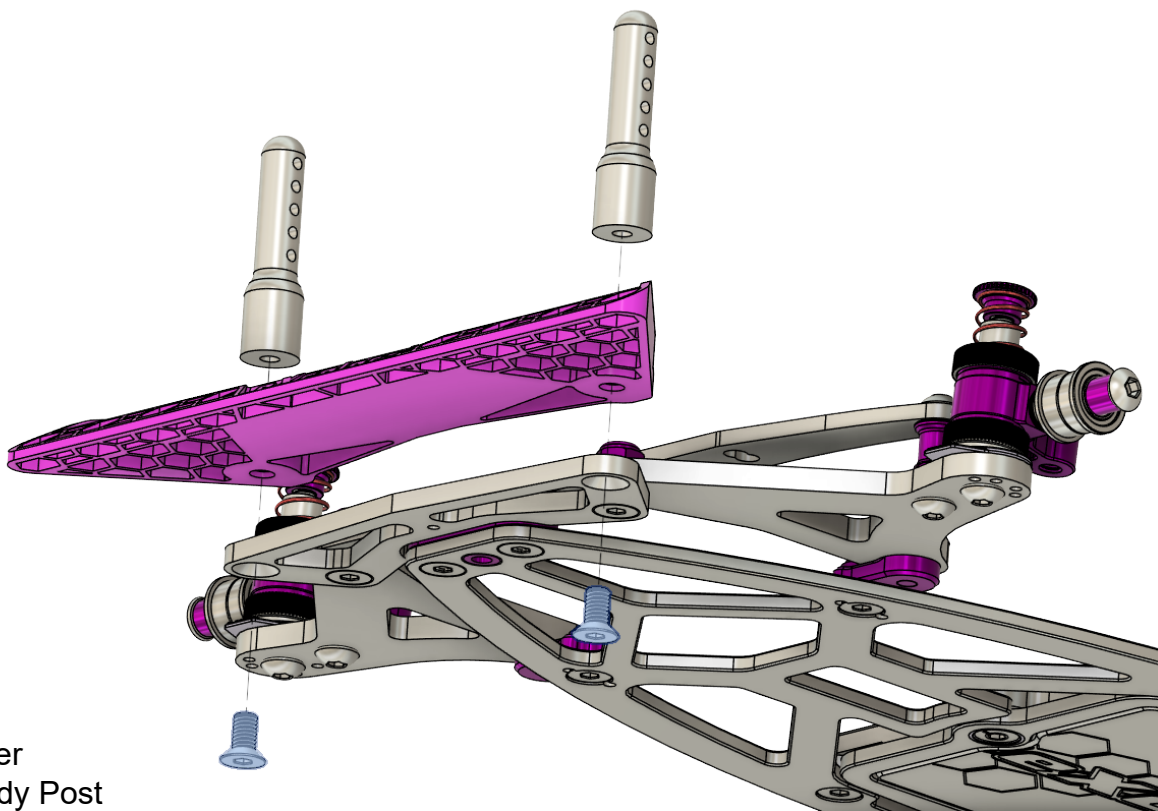
XCE-0710.10 - 1mm Axle Shims (2)

3x6 Button Head (2)

3x6 Flat Head (2)

M3 Lock Nut (2)

STEP 29

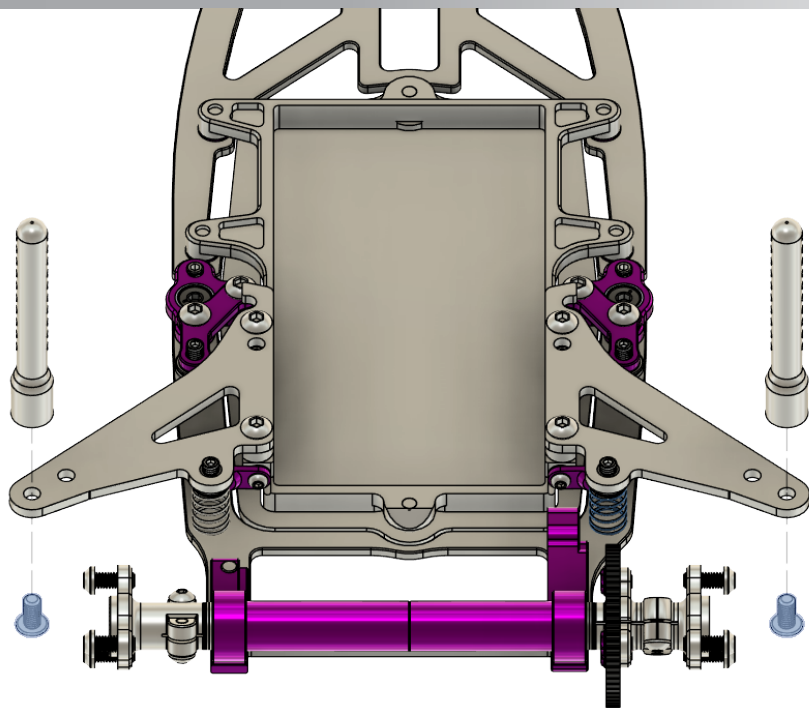


M3x6 Flat Head (2)

XCE-0758.5 - Flex Bumper

XCE-0802.29 - 29mm Body Post

STEP 30



Insert pin into body post at desired body height.

Repeat X4



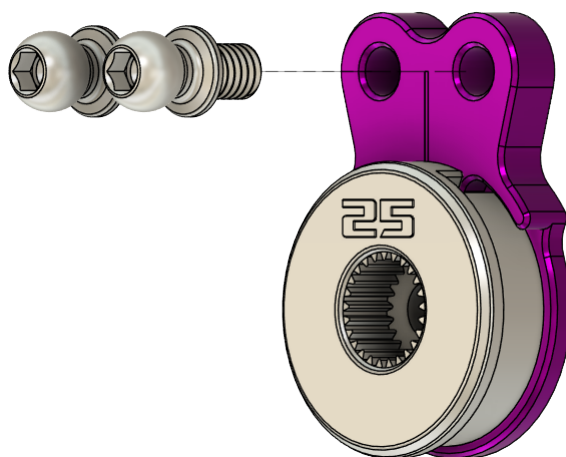
XCE-0800 - Body Post Adjustment Collar

XCE-0801 - Body Post Adjustment Collar Pin

XCE-0802.47 - Body Post 47mm

M3x6 Button Head (2)

STEP 31

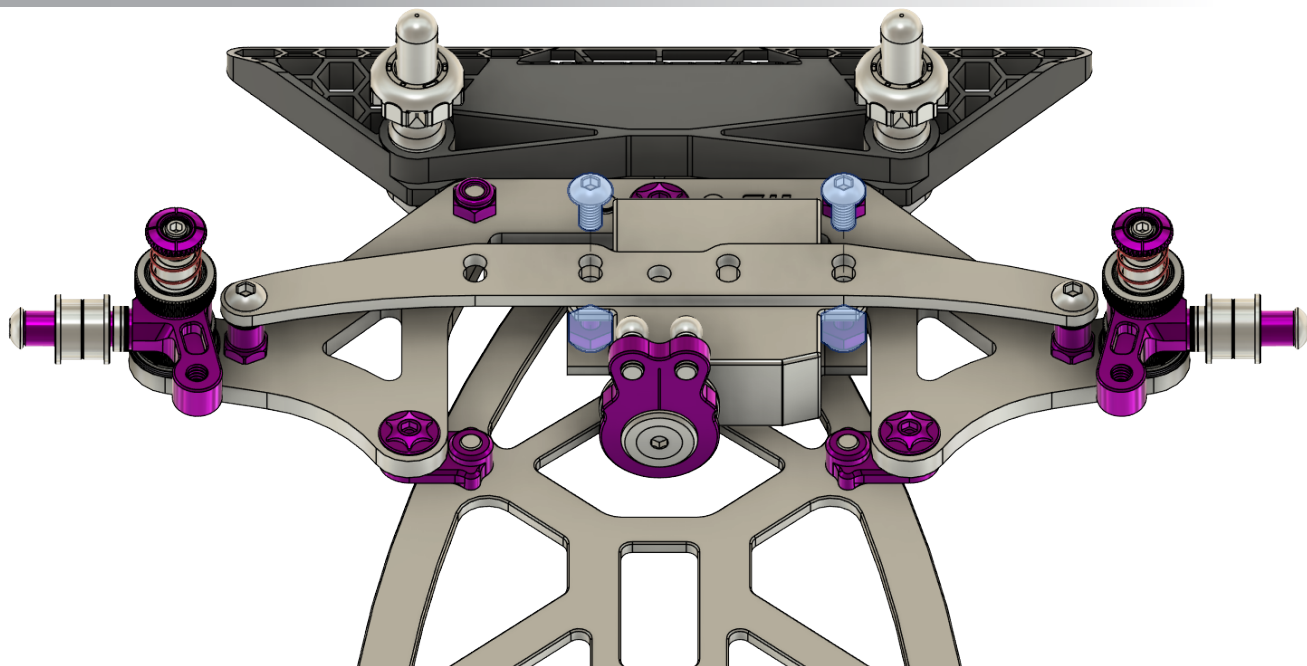


Optional 23t insert included in kit

XCE-0770.6 - 1/12 Servo Crank

XCE-0767 - 4.3x4mm Ball Studs

STEP 32

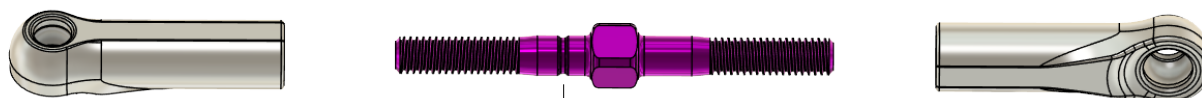


The Prodigy 12 will accept a standard size low profile servo or a 1/12 size servo. Our recommended servo is the MKS HV50P or similar size servo.

M3x8 Button Head (2)

M3 Lock Nut (2)

STEP 33



Line indicates left handed thread.

XCE-0768 - 4.3mm Ball Cups

XCE-1503.34 - M3x34 Titanium Turnbuckle

Repeat Assembly X2

STEP 34

