



ASSEMBLY MANUAL

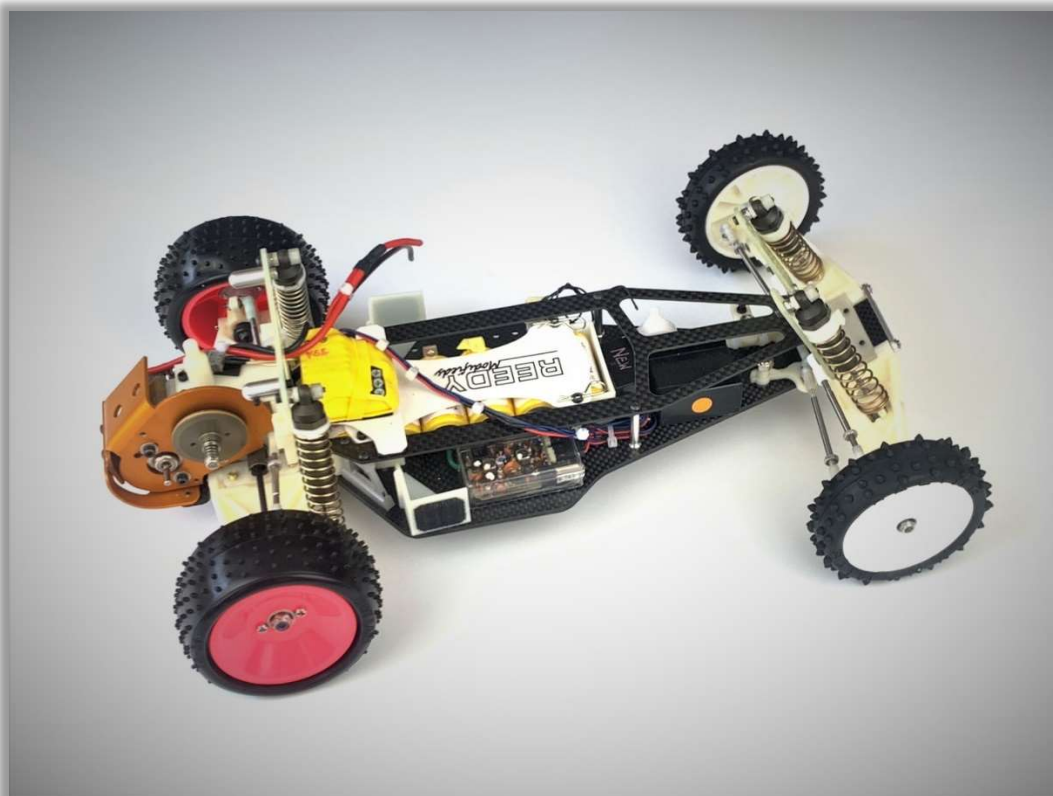
RC10GX '89 IFMAR WORLDS REPLICA CONVERSION KIT



INTRODUCTION

- Firstly; **A MASSIVE THANK YOU FOR YOUR SUPPORT AND PASSION!**
- We would like to thank you for purchasing our GP3D RC10GX '89 IFMAR Worlds Replica Conversion Kit. As you have purchased this kit it means you are passionate about the history of our beloved R/C hobby and in particular one of the most iconic and revolutionary R/C cars we have seen → the prototype from Team Associated and Masaaki that took Masami Hirosaka to the 1989 IFMAR 2WD World Championship at the famed St Ives track in Australia.
- GP3D and our manufacturing partners are currently looking into reproducing some of the additionally required 'original' components, such as; turnbuckles, hinge pins, motor plate/guard and rear alloy top-deck stand-offs. Therefore, please keep following our [FB page](#) and [website](#) for those and more future developments...
- The 3D printed nylon gearbox and front bulkhead parts may have a thin 'brim' around one face which you remove using a scalpel and then sand edges smooth as desired, do NOT tear it off. Some parts, including the suspension arms are printed at ~45-degree angle to maximise layer adhesion area and balance directional strength distributions, resulting in some edges not being 'pretty', but these and any parts can be trimmed and sanded as desired to clean up any rough edges/extra material as you desire.
- We hope you love and enjoy building and driving your RC10GX replica, we are always available to help and support with any questions or issues you may have. We would also love to receive pictures of your in-progress and finished model in your chosen style and liveries that we can add to our online [Customer Gallery](#)!
- Please contact us if needed: grand.prix.3d@gmail.com OR via my [FB Messenger](#)
- Information and spare parts are available in our online shop: www.GrandPrix3D.store

Our replica build, including original spec electronics and tyres!



CONTENTS

ICONS & SYMBOLS	4
STEP 1.1 - REAR BULKHEAD.....	5
STEP 1.2 - REAR SHOCK TOWER.....	5
STEP 1.3 - CHASSIS	6
STEP 1 - COMPLETED	6
STEP 2.1 – BATTERY CUPS.....	7
STEP 2.2 – SIDE BODY SUPPORTS	7
STEP 3.1 – REAR TOP-DECK SUPPORTS.....	8
STEP 3 - COMPLETED	8
STEP 4.1 – FRONT BULKHEAD – SHOCK TOWER	9
STEP 4.2 – ATTACH FRONT BULKHEAD	9
STEP 4.3 – FRONT BULKHEAD TIPS.....	10
STEP 4 - COMPLETED	10
STEP 5.1 – TOP DECK & FRONT BODY POST.....	11
STEP 5.2 – INSTALL TOP DECK	11
STEP 5.3 – NO COAST STAND-OFFS	12
STEP 5 - COMPLETED	12
STEP 6.1 – BATTERY STRAP.....	13
STEP 6.2 – OPTIONAL LONG BATTERY POSITION	13
STEP 6.3 – ESC SUPPORT	14
STEP 6 - COMPLETED	14
STEP 7.1 – REAR SUSPENSION ARMS	15
STEP 7.2 – REAR SUSPENSION ASSEMBLY COMPLETED	15
STEP 7.3 – INSTALL REAR SUSPENSION ARMS.....	16
STEP 7 - COMPLETED	16
STEP 8.1 – FRONT SUSPENSION ARMS.....	17
STEP 8 - COMPLETED	17
STEP 9.1 – GEARBOX	18
STEP 9.2 – GEARBOX ASSEMBLY TIPS.....	18
STEP 9.3 – GEARBOX INSTALLATION	19
STEP 9.4 – GEARBOX TOP PLATE	19
STEP 9.5 – GEARBOX TOP PLATE INSTALLATION.....	20
STEP 9.6 – GEARBOX CASING STAND-OFFS	20
STEP 10.1 – WHEEL ADAPTERS	21
STEP 10.2 – MOTOR PLATE – CUT OUT GUIDE.....	21
RC10GX CONVERSION KIT – COMPLETED!	22

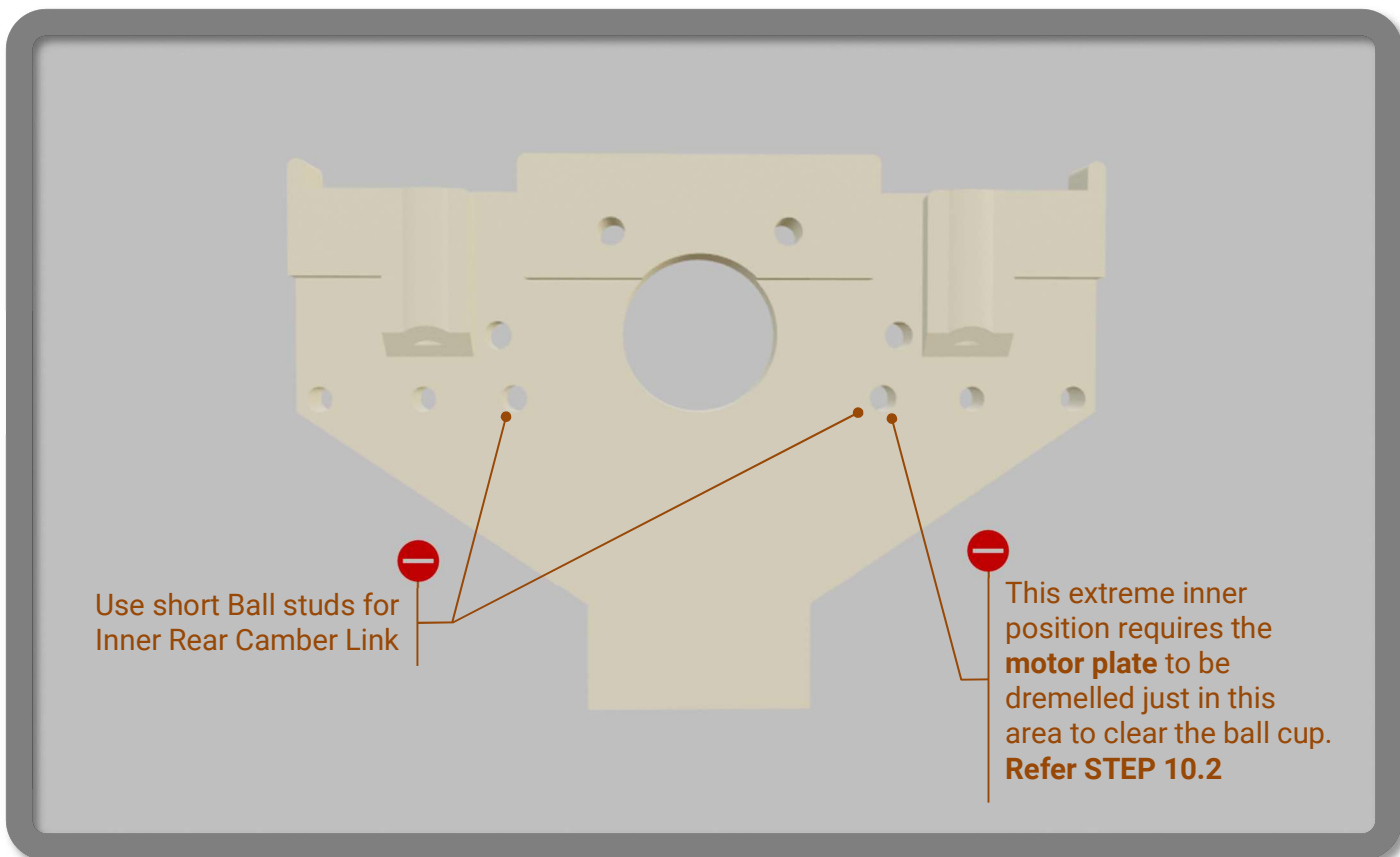


ICONS & SYMBOLS

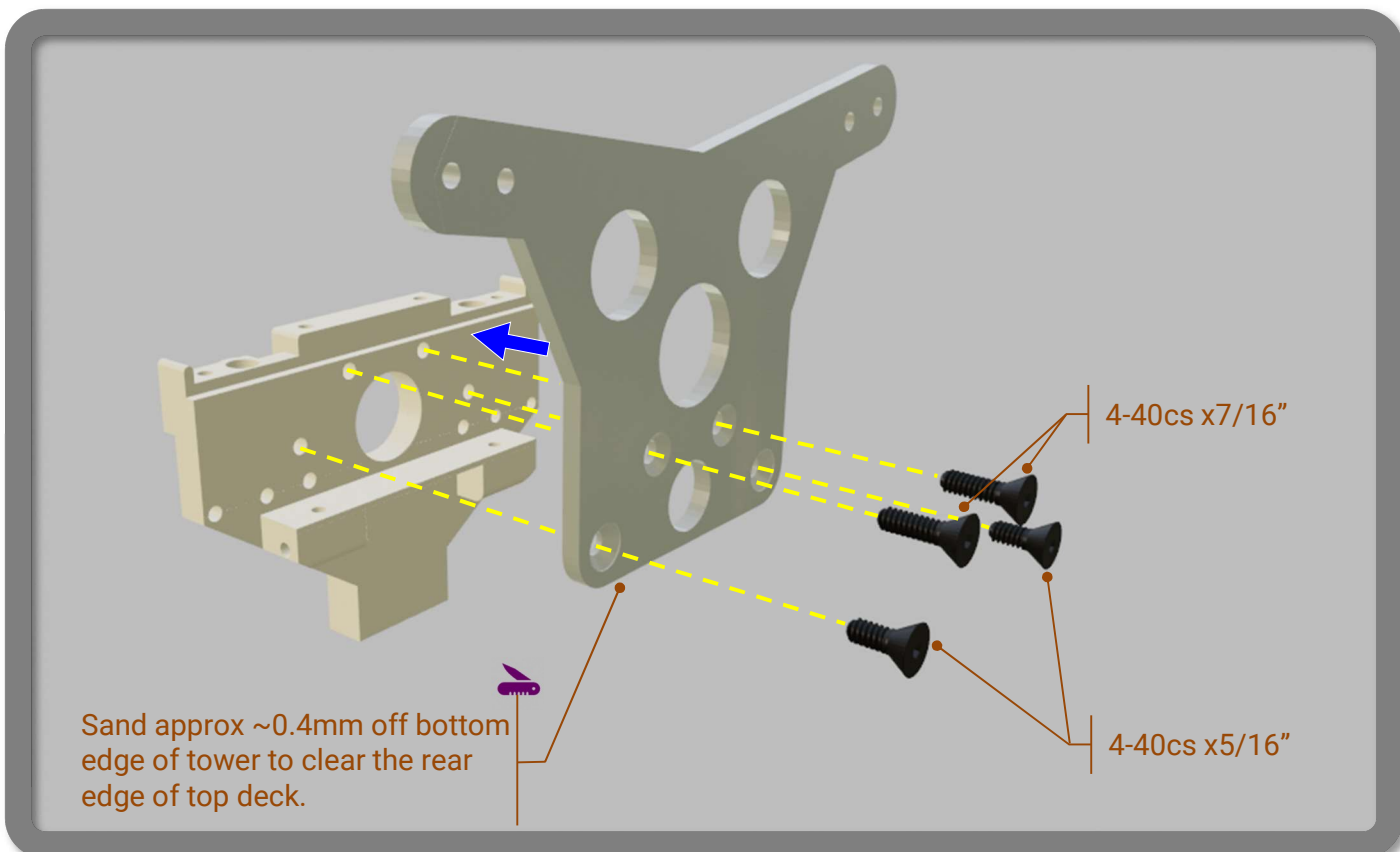
	Dotted line	Dotted line indicates assembly path/routing of bolts into parts
	Arrow	Indicates direction of part for movement to assemble
	Reverse Angle	Inset image showing the reverse/different angle
	Item Not Included	Refers to an item not included in this kit
L&R	Left & Right	Indicates you need to repeat this step for Left and Right sides.
	Leave loose	Leave slightly loose (in some cases a future step will tighten)
	Drill	Drill out existing hole with provided 2mm or 1.5mm drill bit
	NO Drill	Do NOT drill holes (as bolt threads in)
	Clean up	Clean up part/edges with scalpel and/or sand paper
	Gentle	Exercise care and love and gently tighten!
	Information	Indicates some extra information or hints or options
	Very Important!	Highlights a very important item to take note
	Check	Check your assembly matches the picture



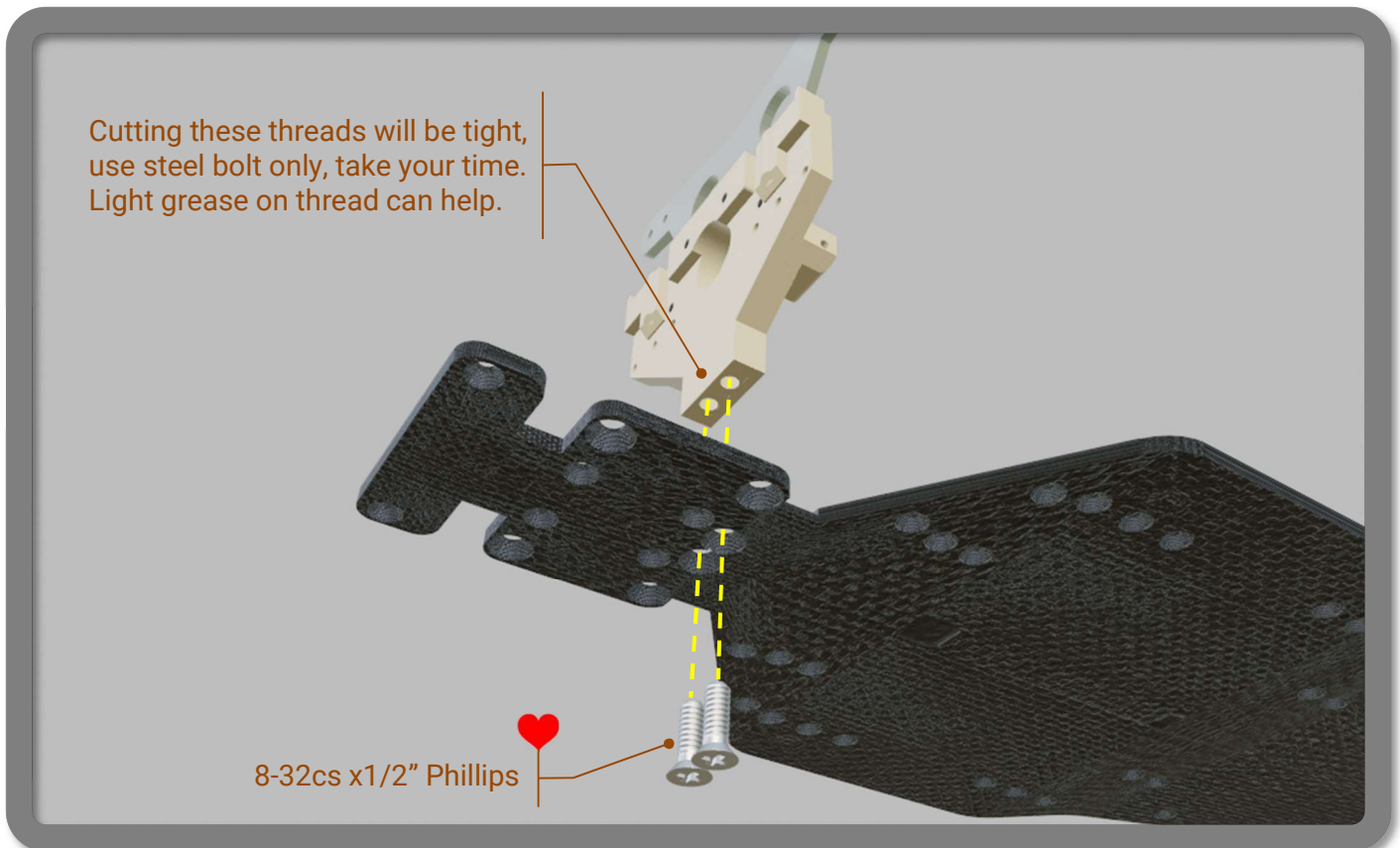
STEP 1.1 - REAR BULKHEAD



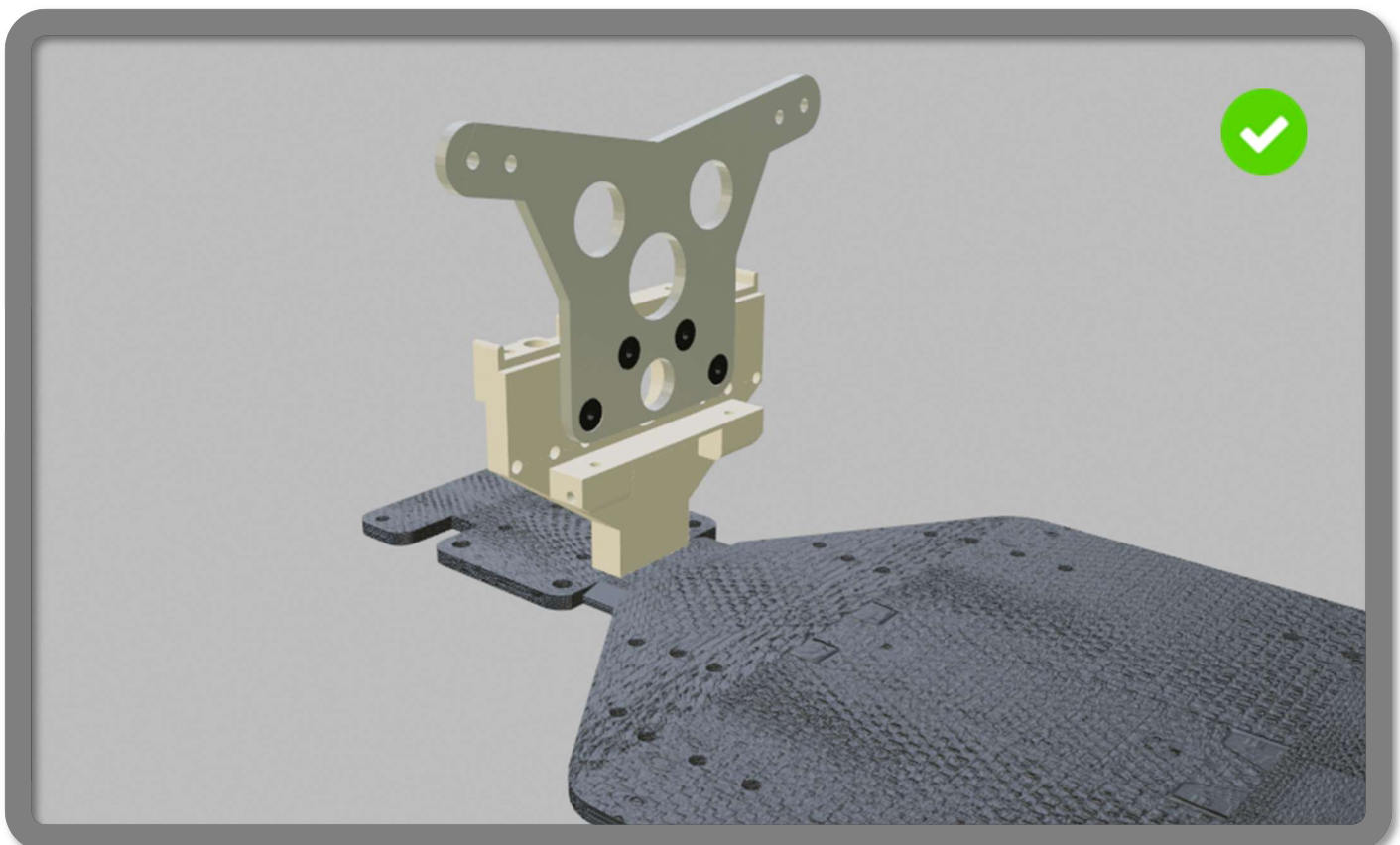
STEP 1.2 - REAR SHOCK TOWER



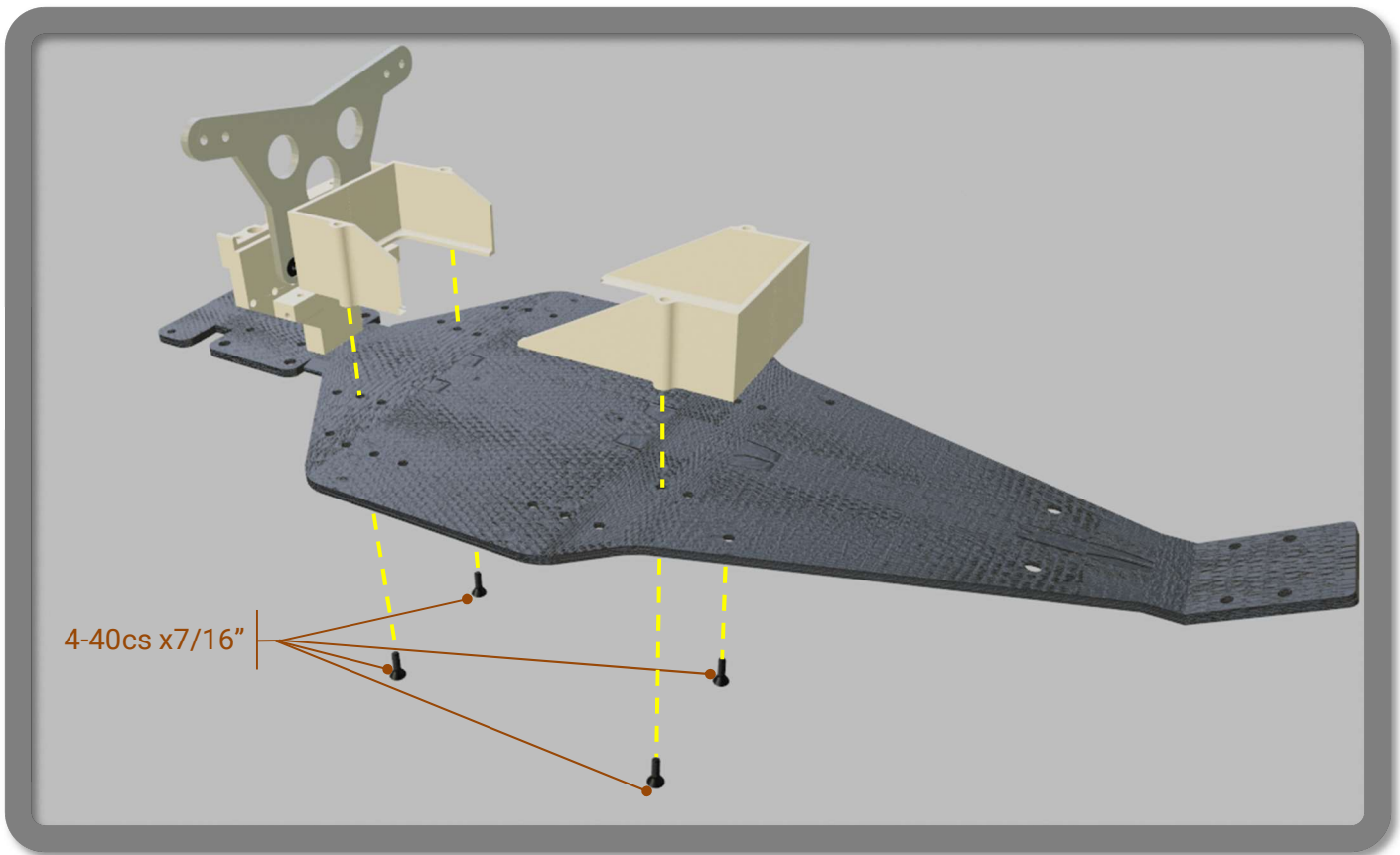
STEP 1.3 - CHASSIS



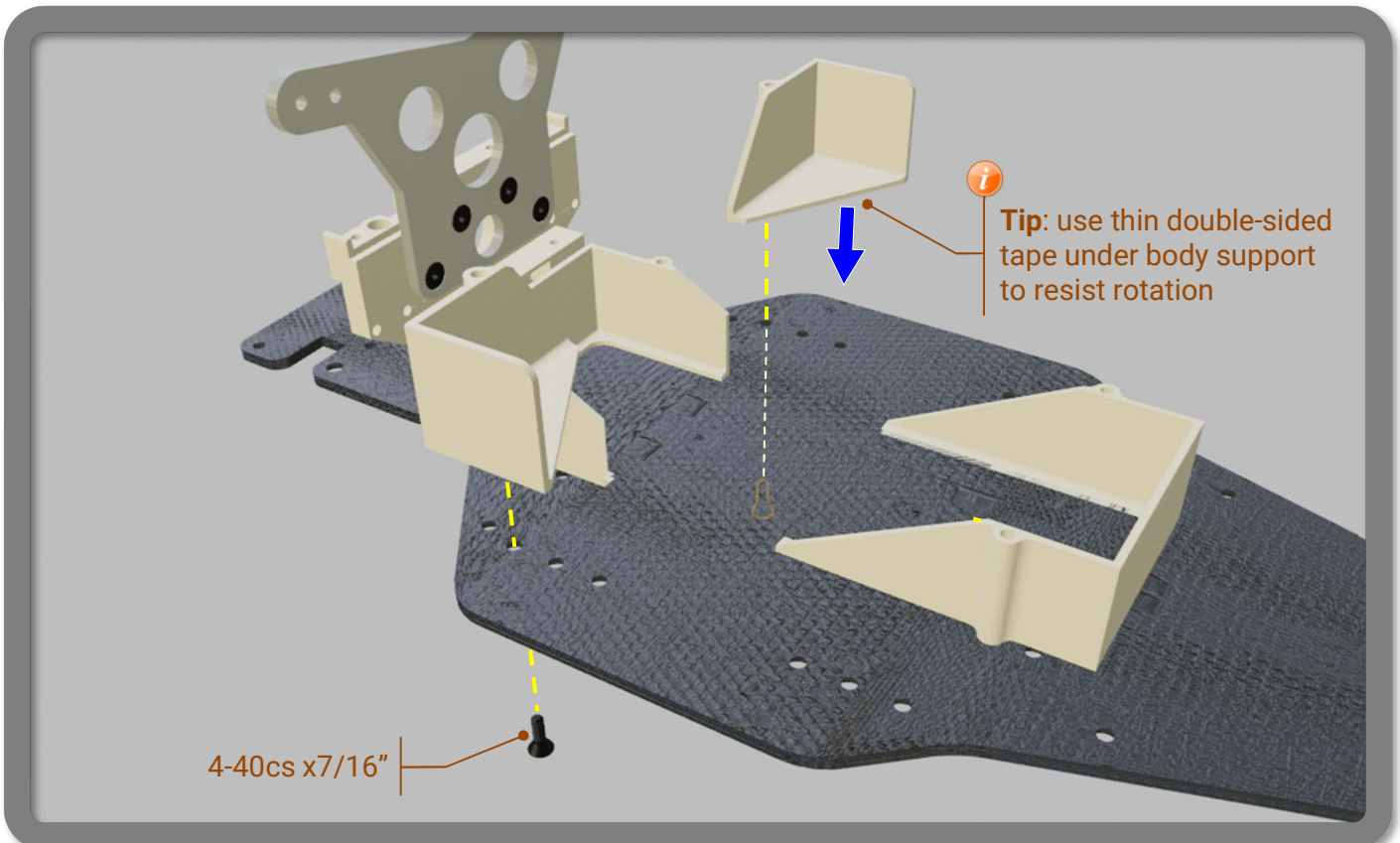
STEP 1 - COMPLETED



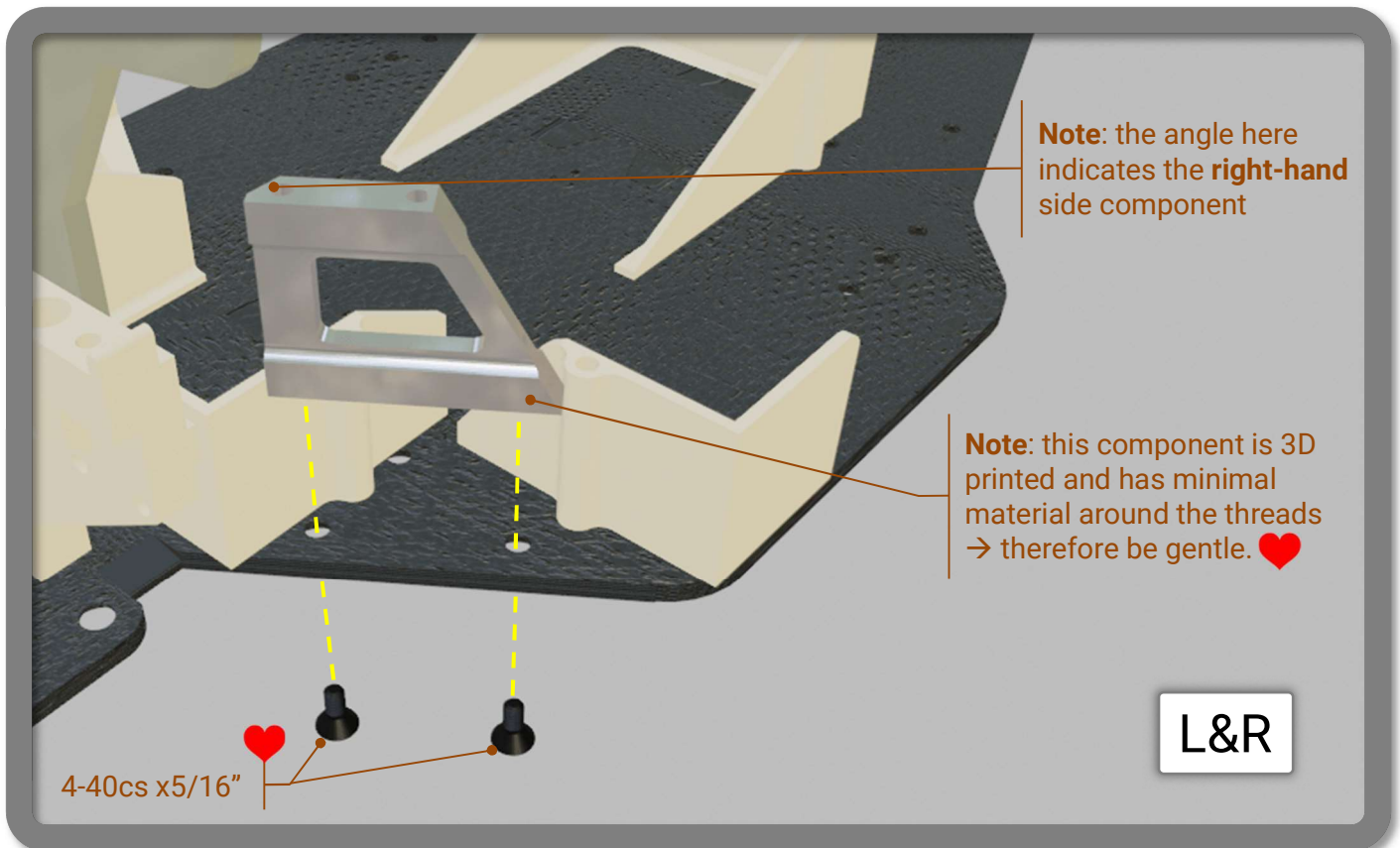
STEP 2.1 – BATTERY CUPS



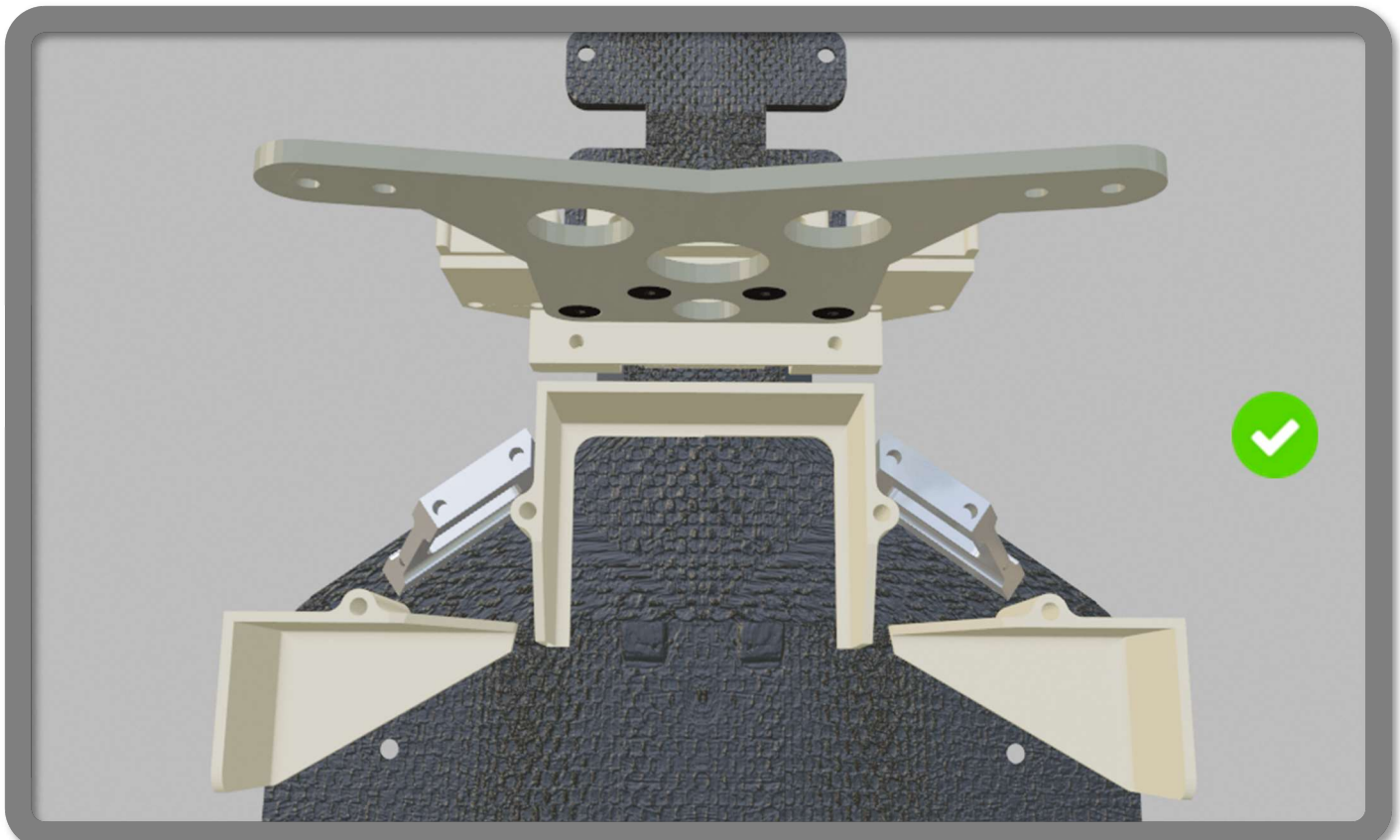
STEP 2.2 – SIDE BODY SUPPORTS



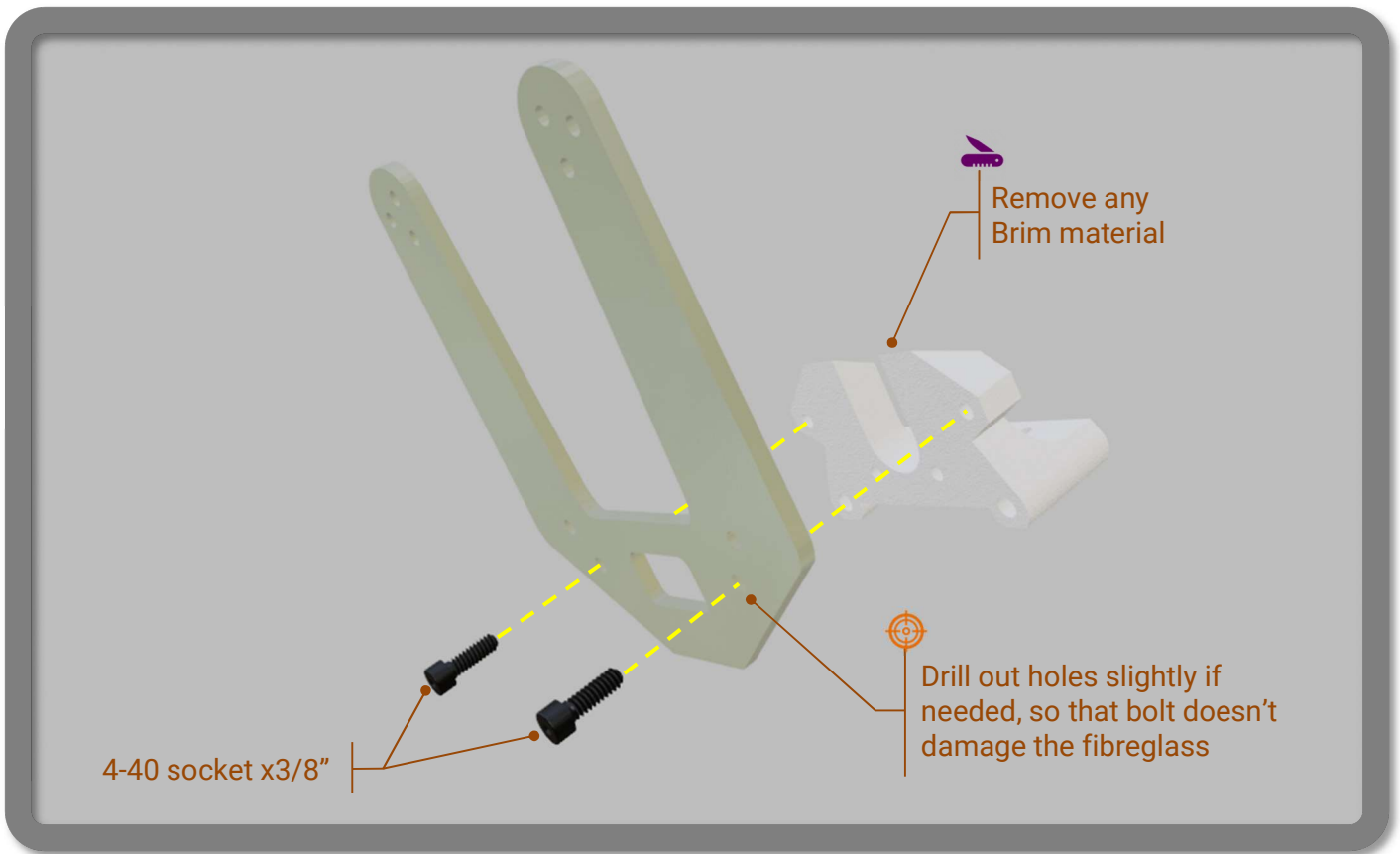
STEP 3.1 – REAR TOP-DECK SUPPORTS



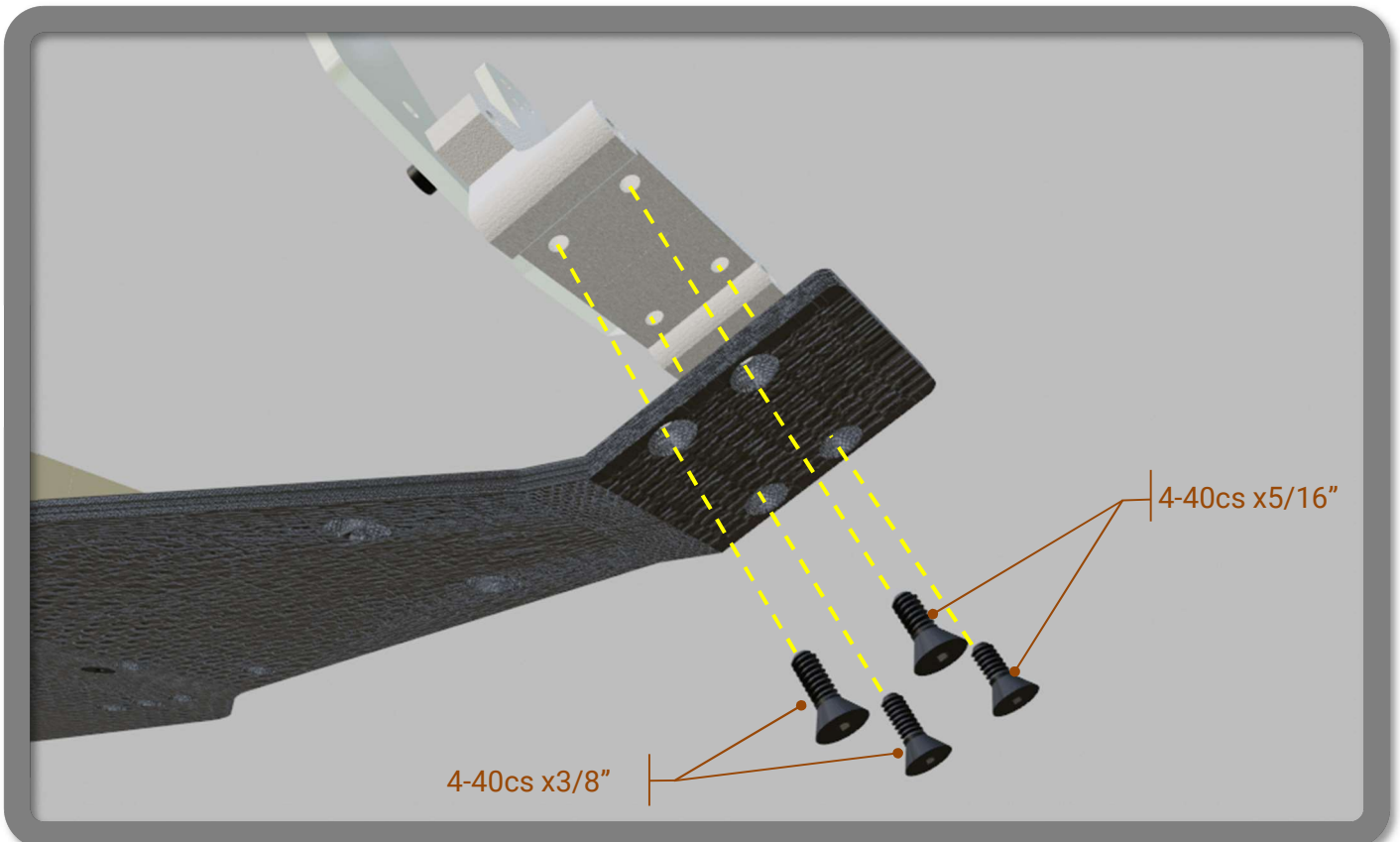
STEP 3 - COMPLETED



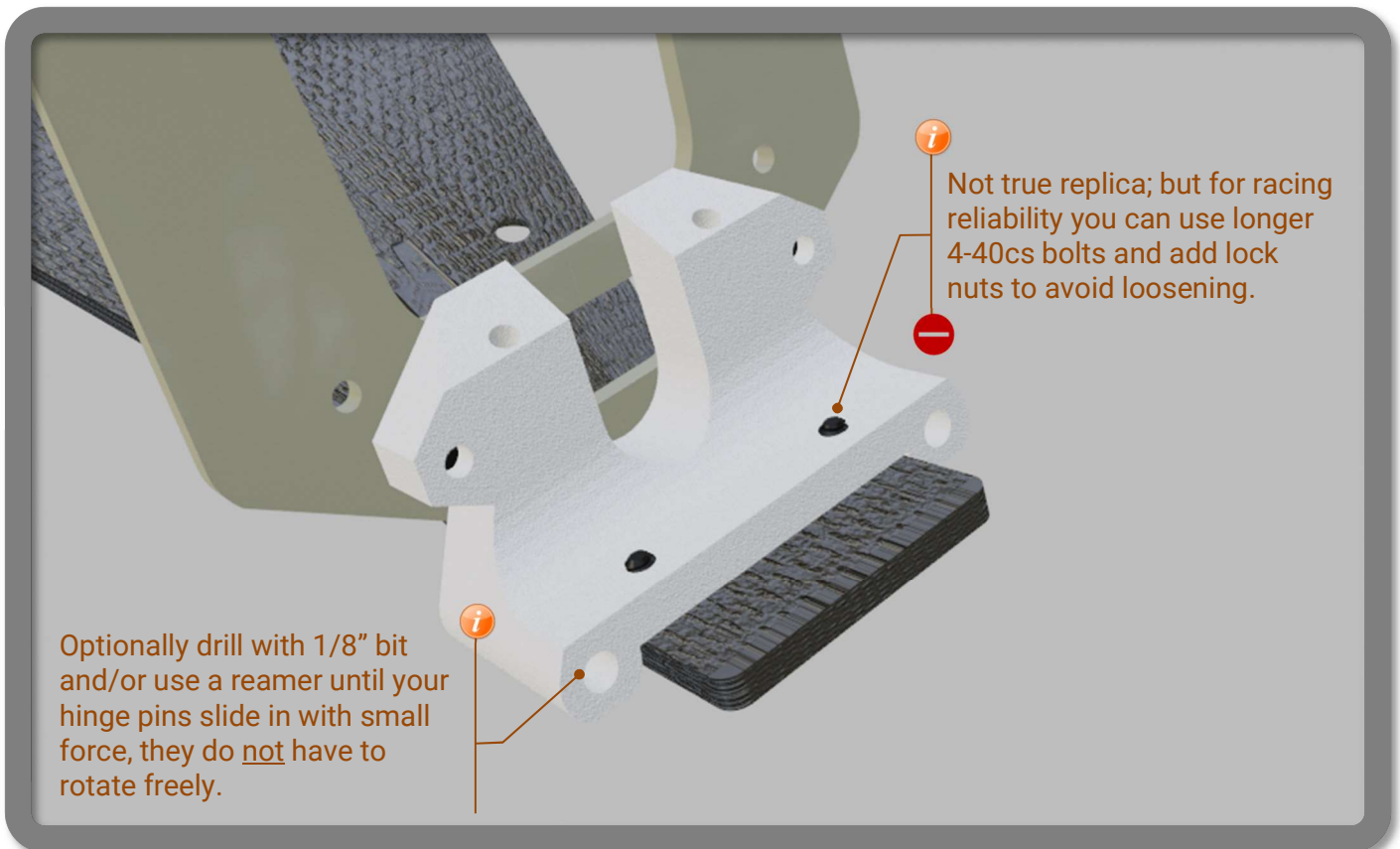
STEP 4.1 – FRONT BULKHEAD – SHOCK TOWER



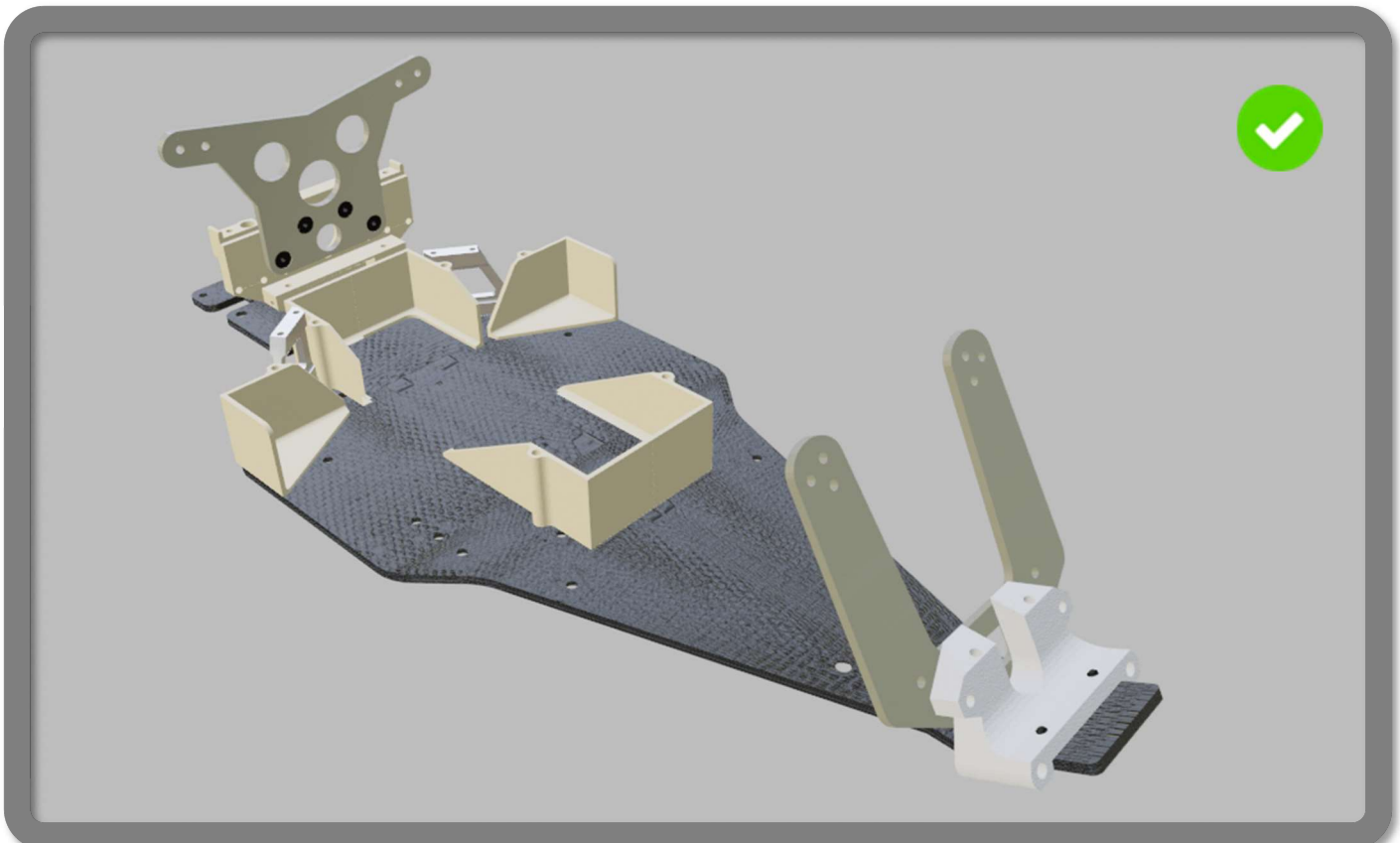
STEP 4.2 – ATTACH FRONT BULKHEAD



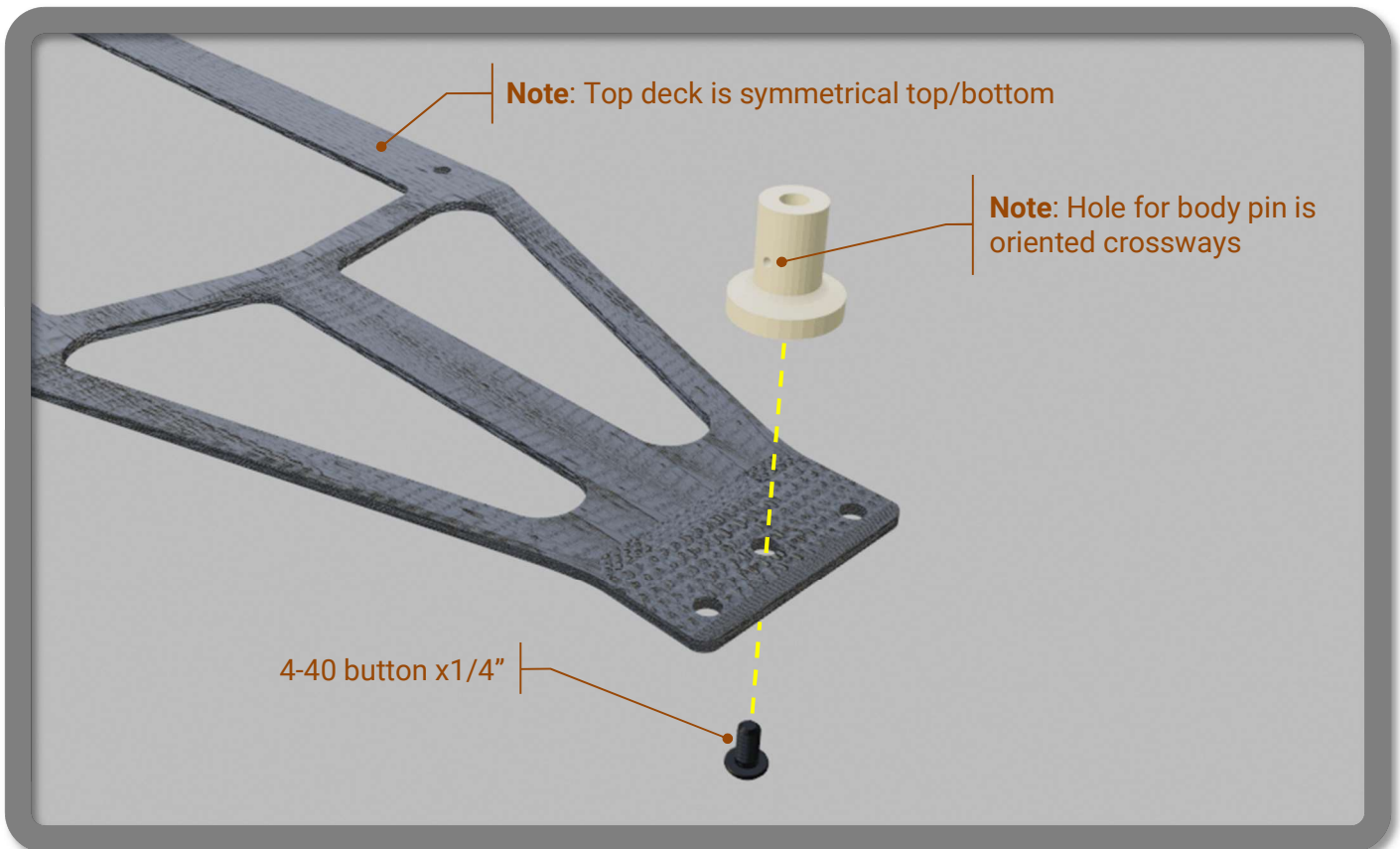
STEP 4.3 – FRONT BULKHEAD TIPS



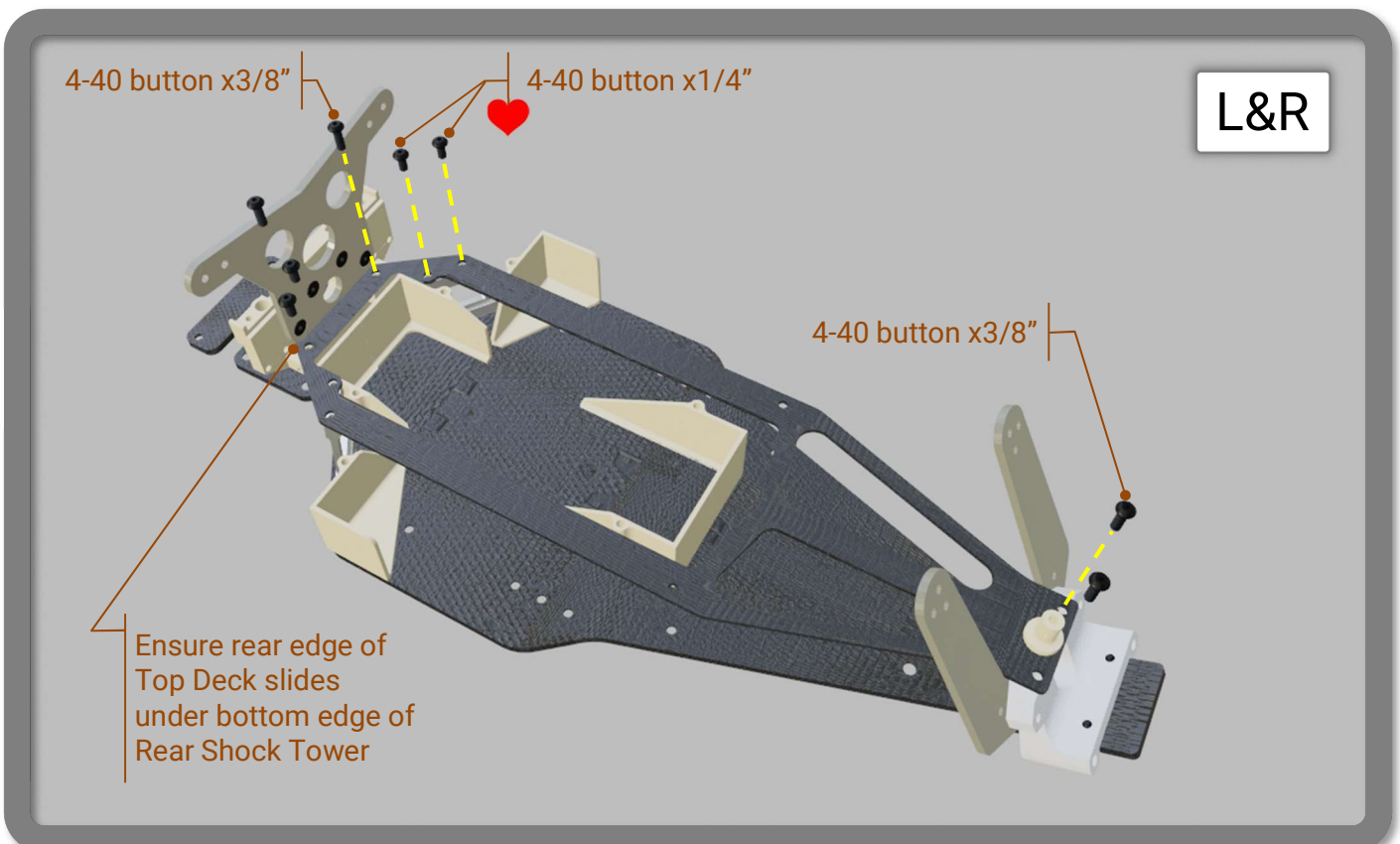
STEP 4 - COMPLETED



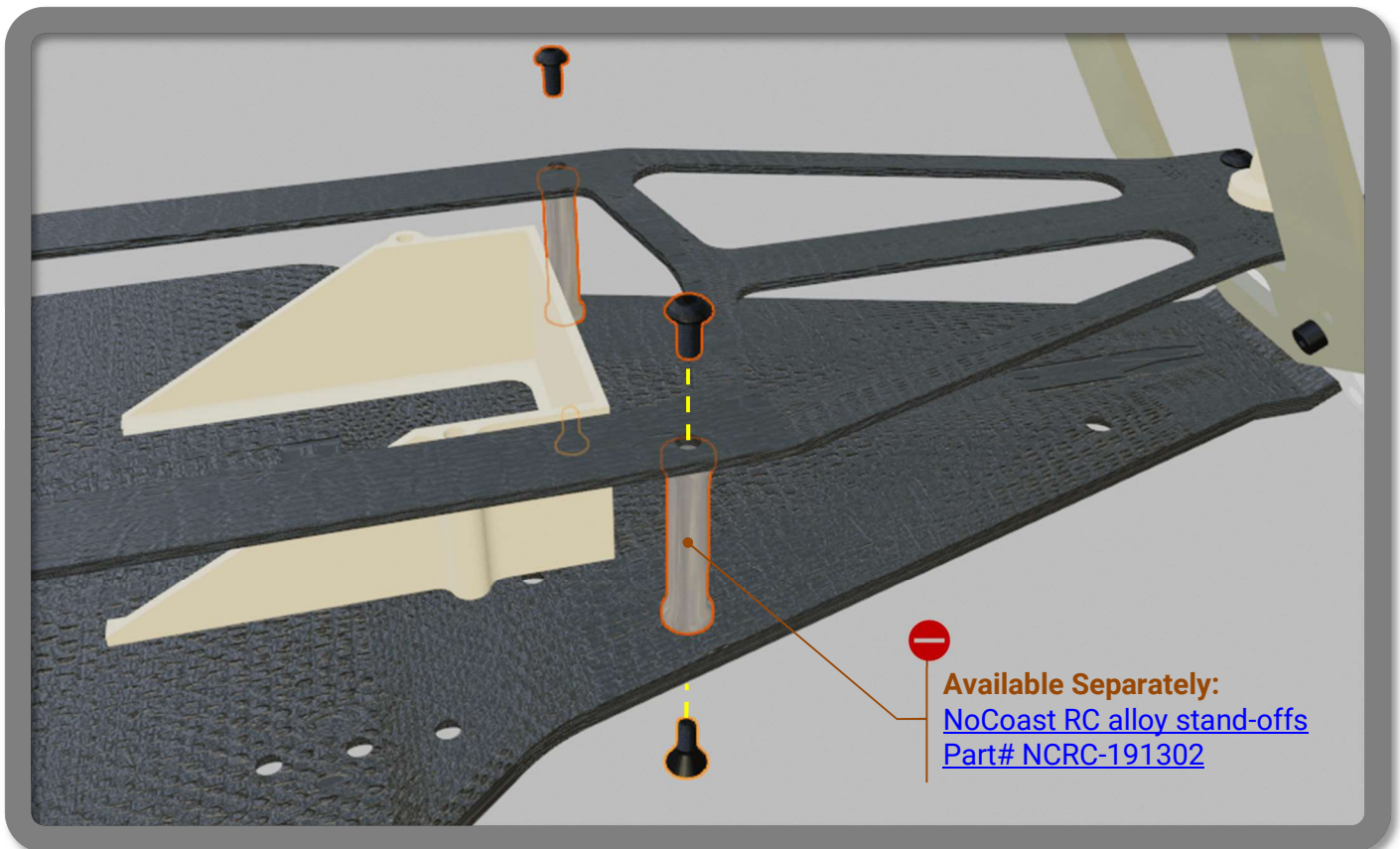
STEP 5.1 – TOP DECK & FRONT BODY POST



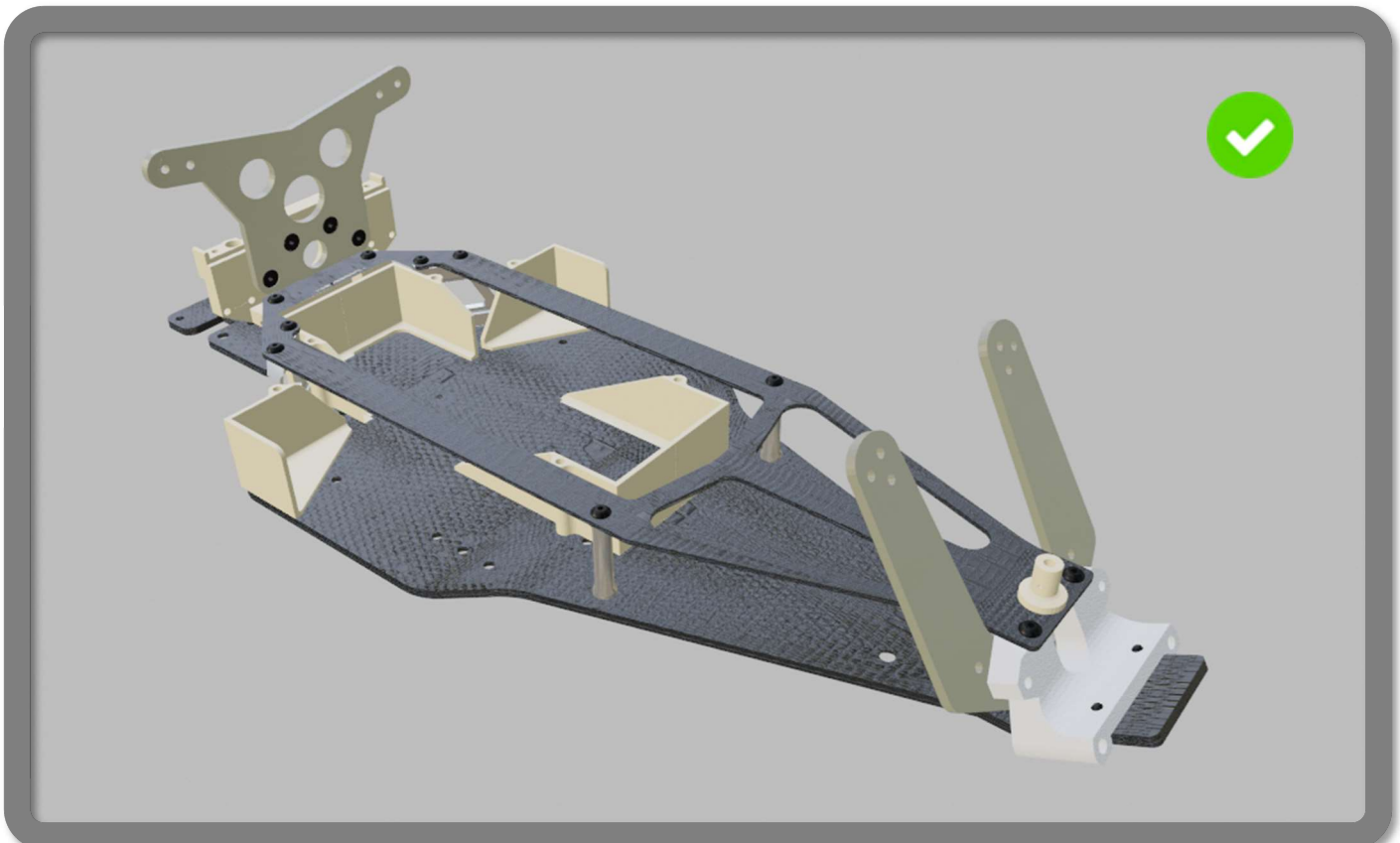
STEP 5.2 – INSTALL TOP DECK



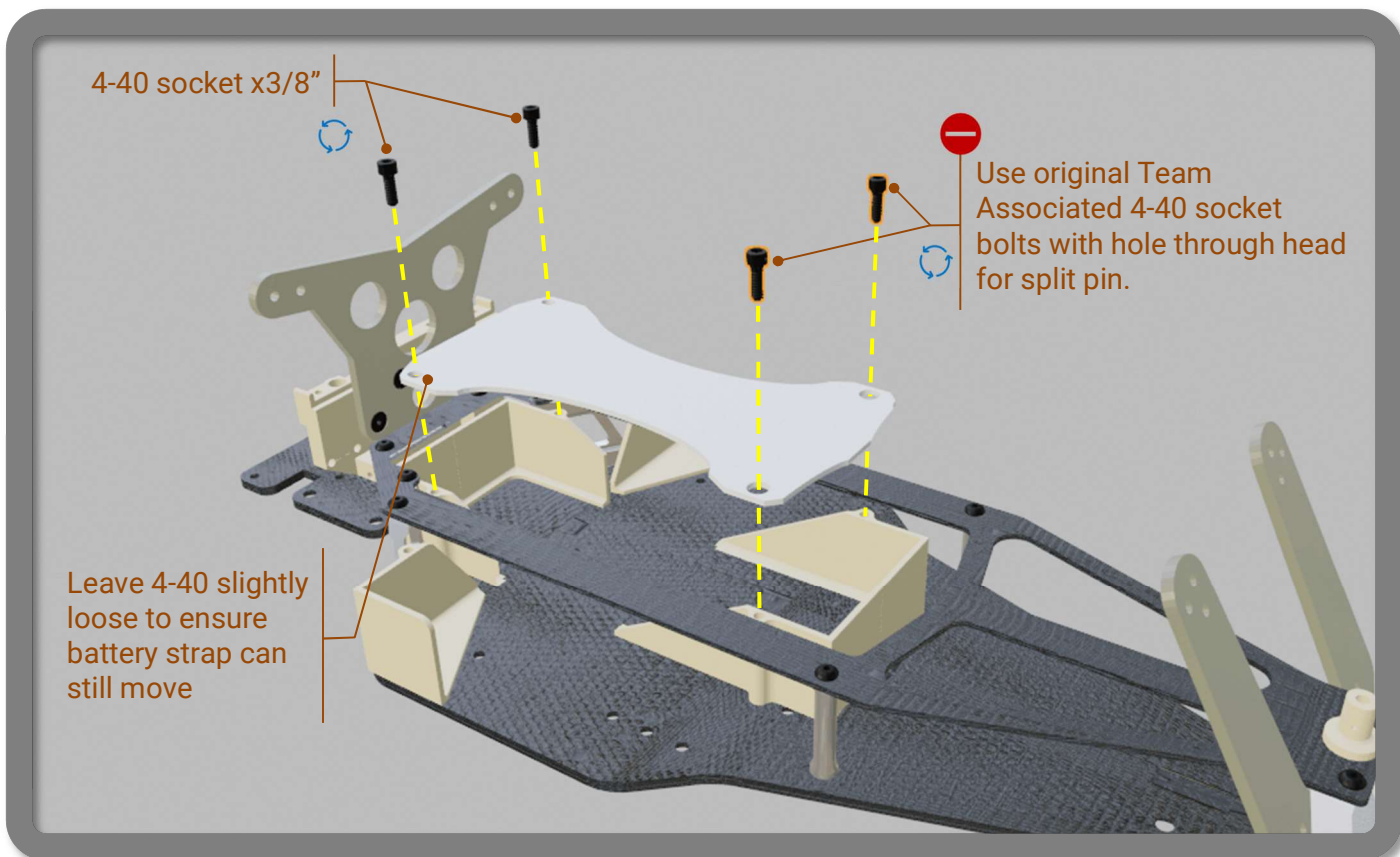
STEP 5.3 – NO COAST STAND-OFFS



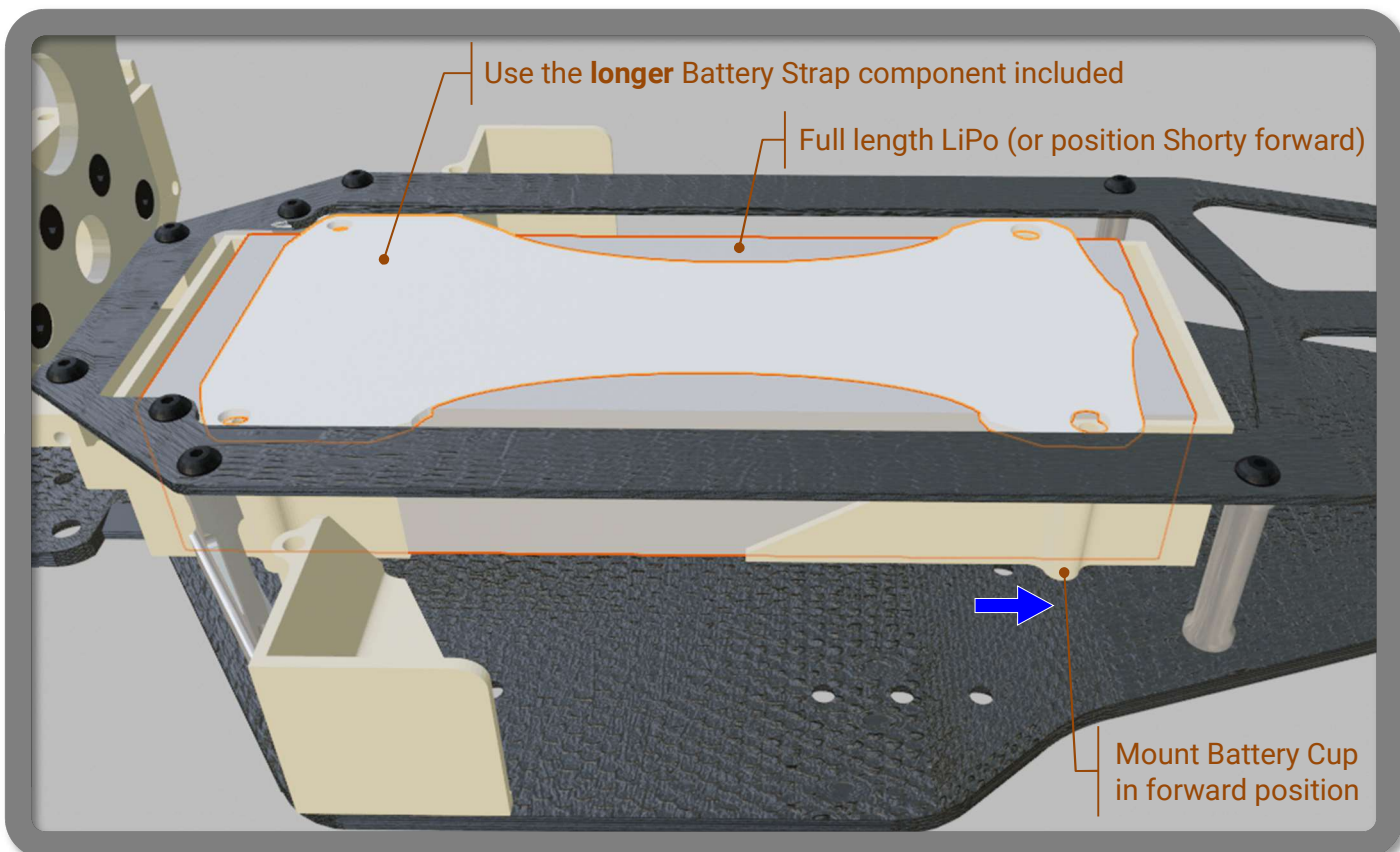
STEP 5 - COMPLETED



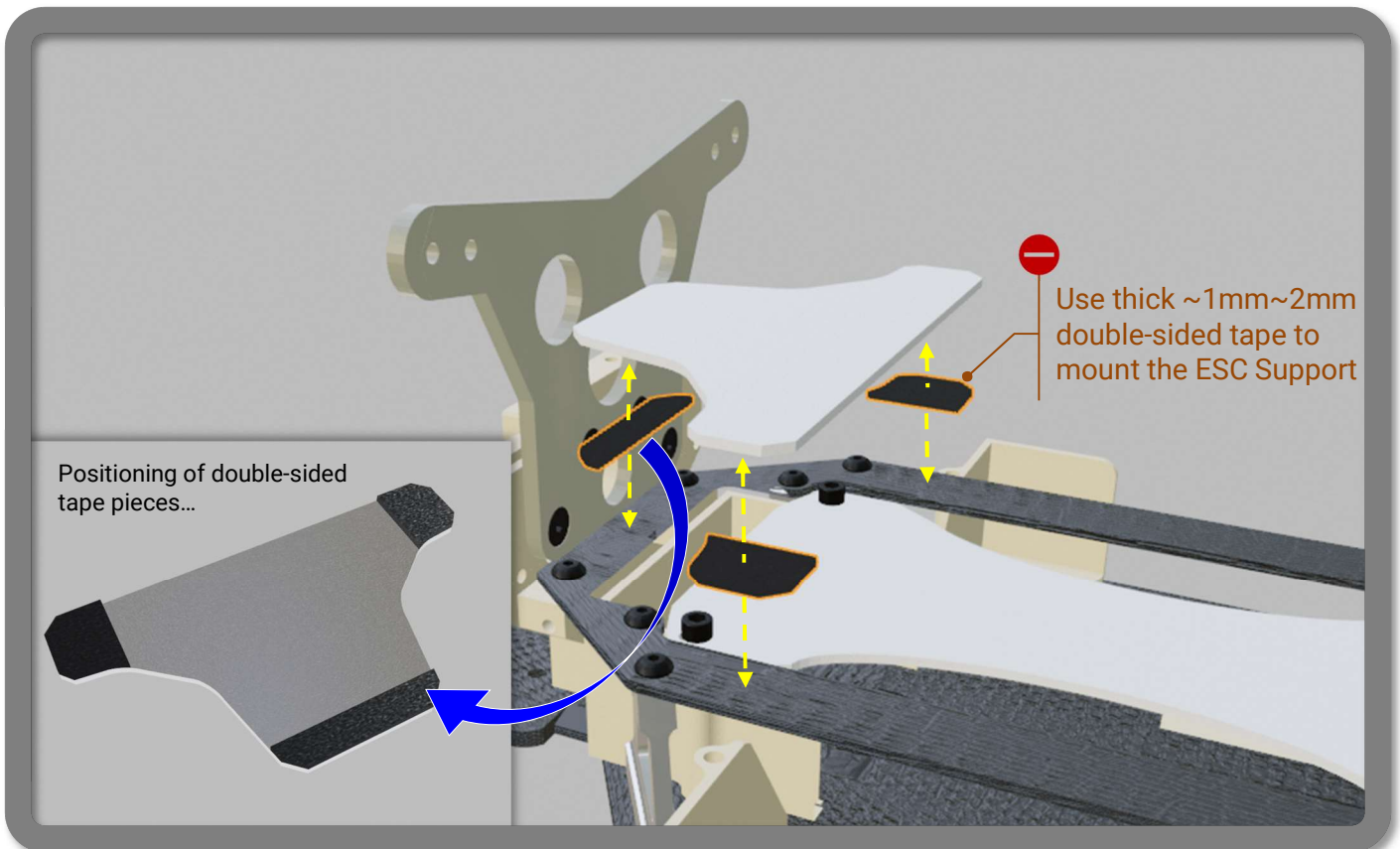
STEP 6.1 – BATTERY STRAP



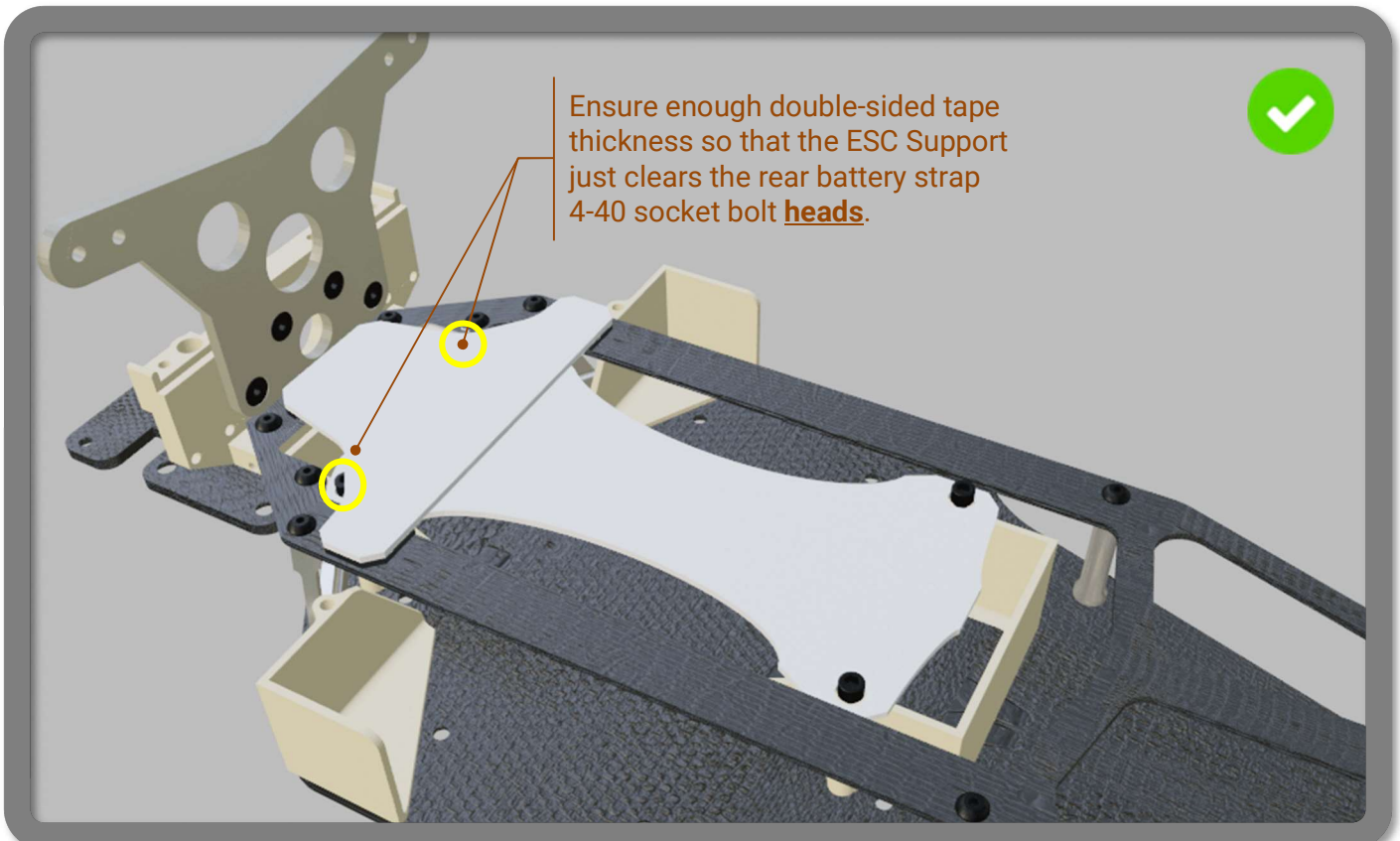
STEP 6.2 – OPTIONAL LONG BATTERY POSITION



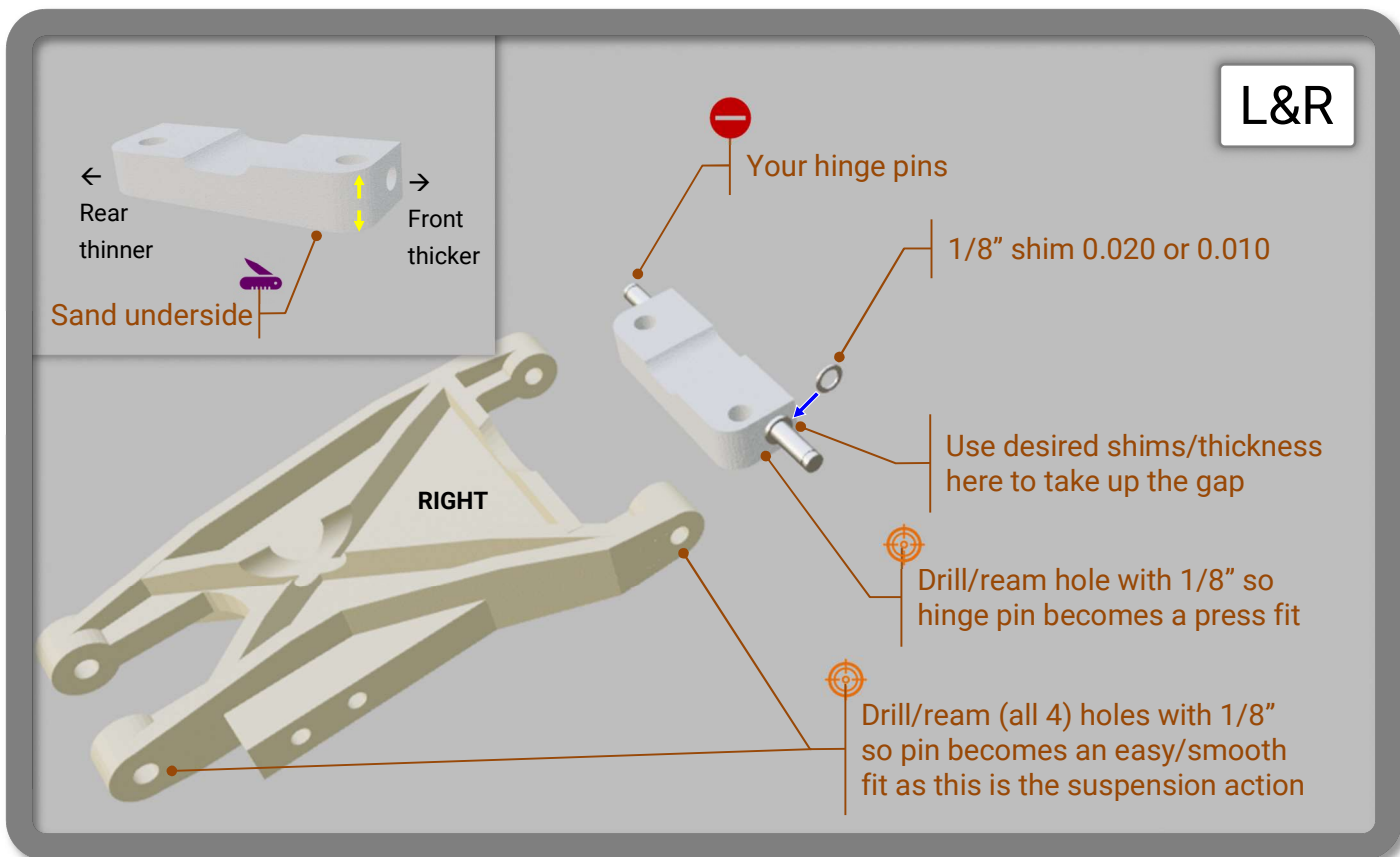
STEP 6.3 – ESC SUPPORT



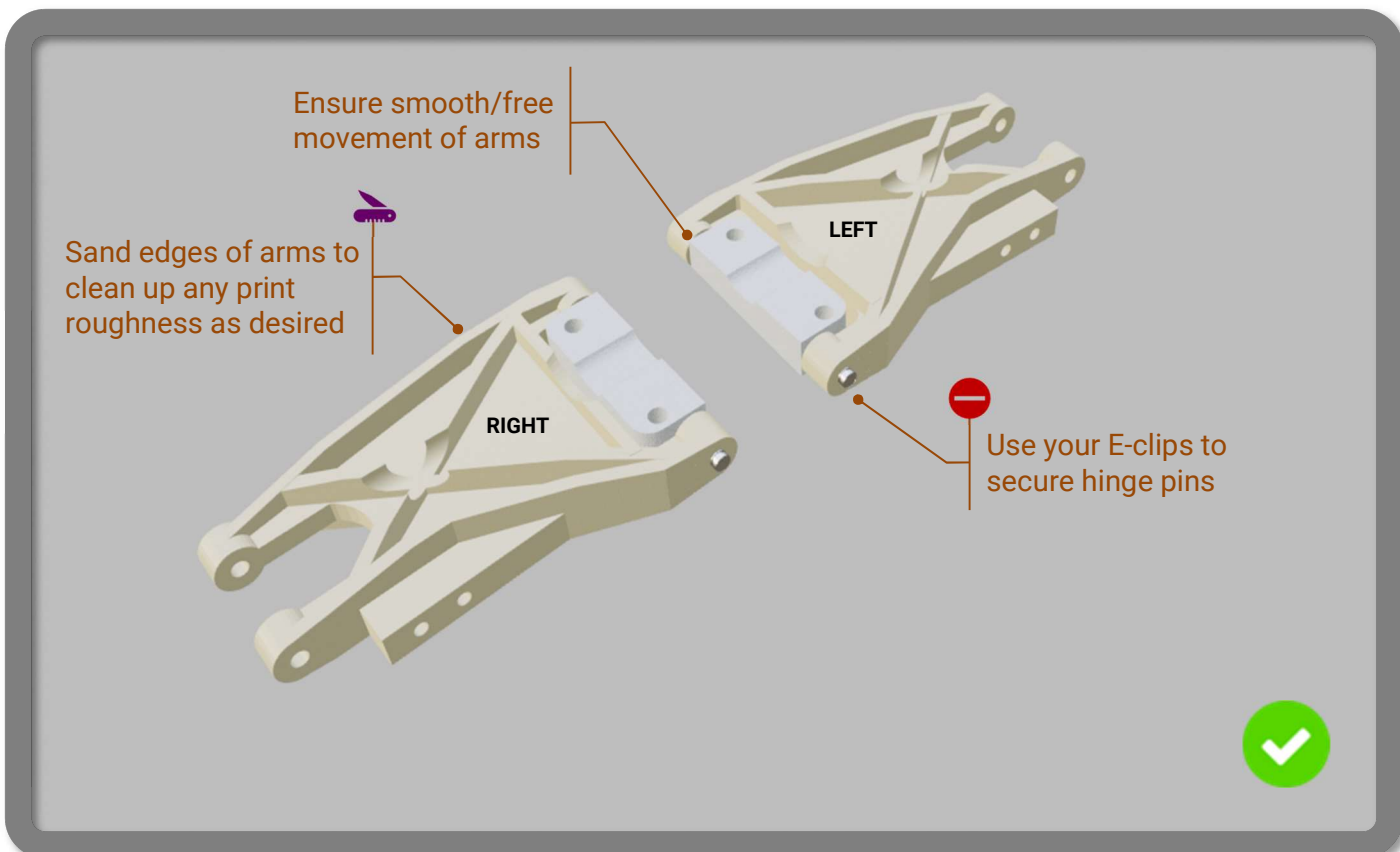
STEP 6 - COMPLETED



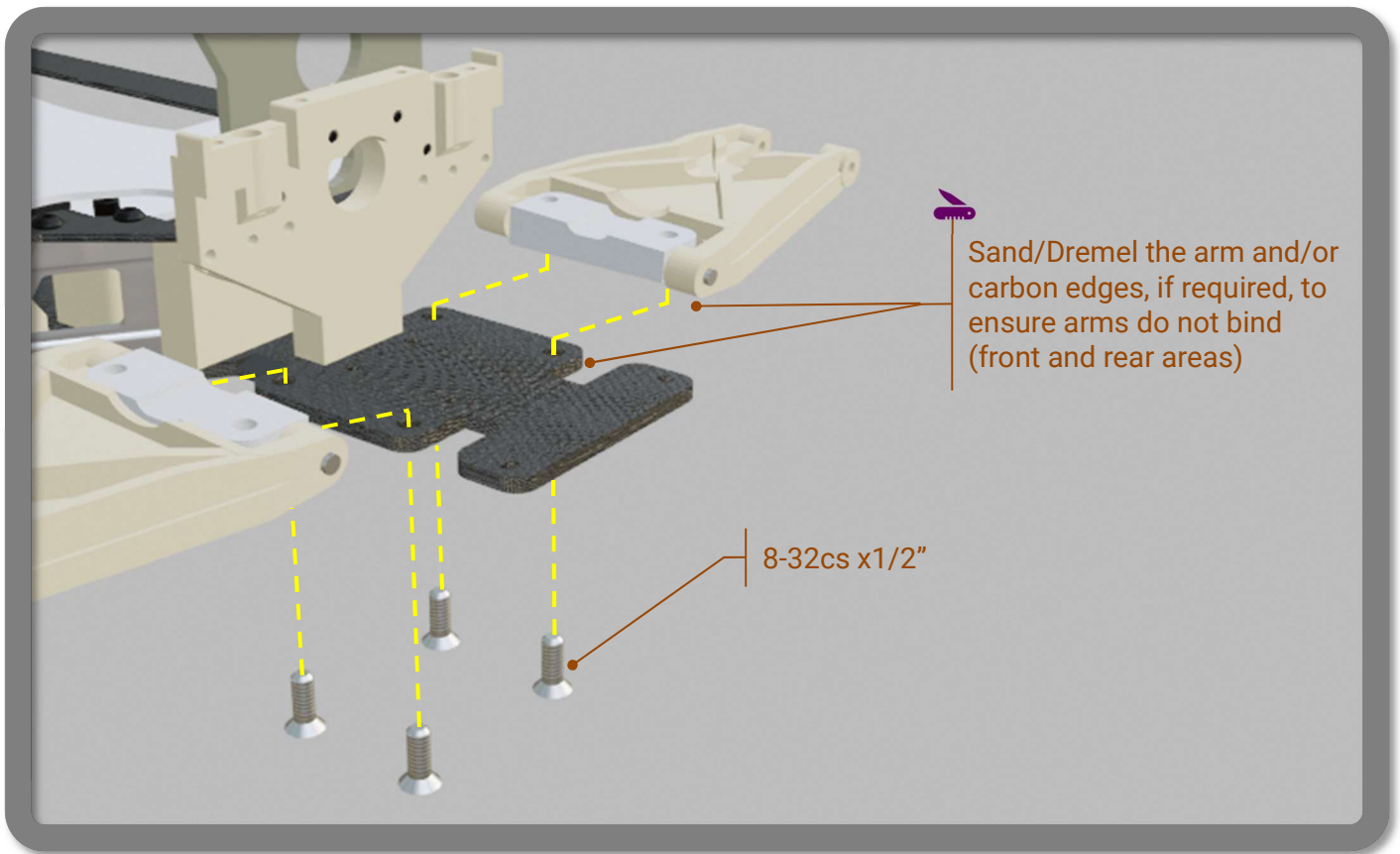
STEP 7.1 – REAR SUSPENSION ARMS



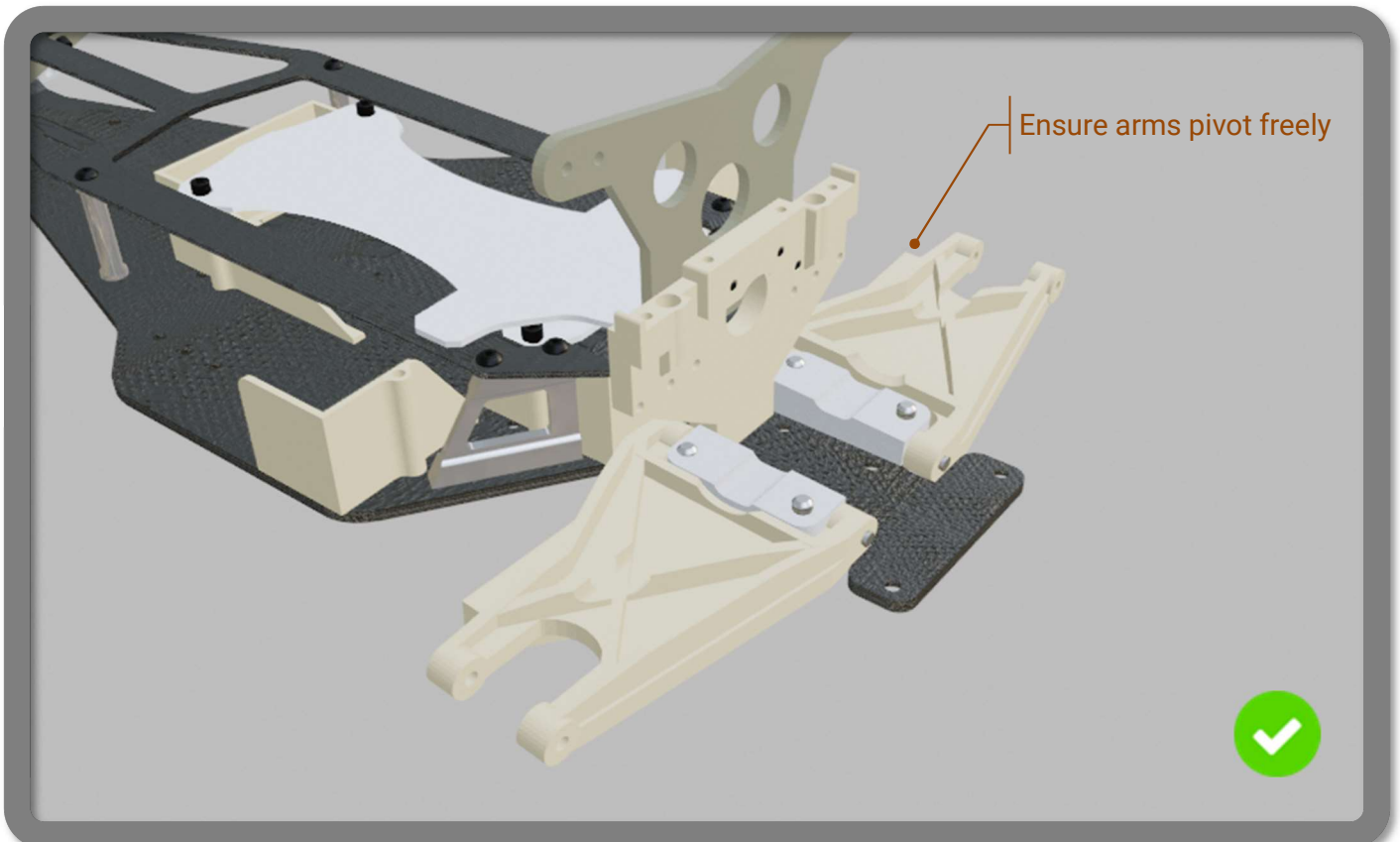
STEP 7.2 – REAR SUSPENSION ASSEMBLY COMPLETED



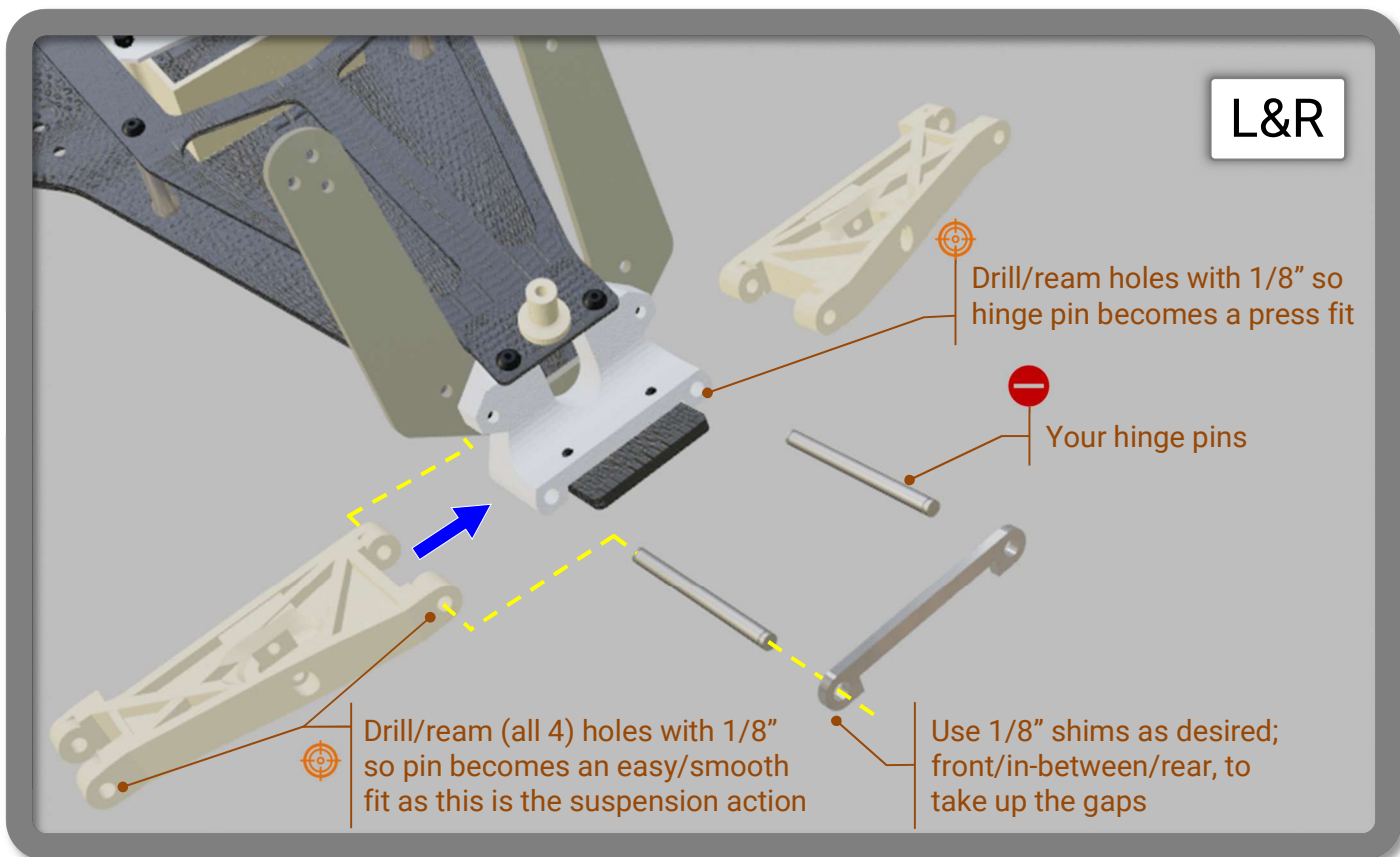
STEP 7.3 – INSTALL REAR SUSPENSION ARMS



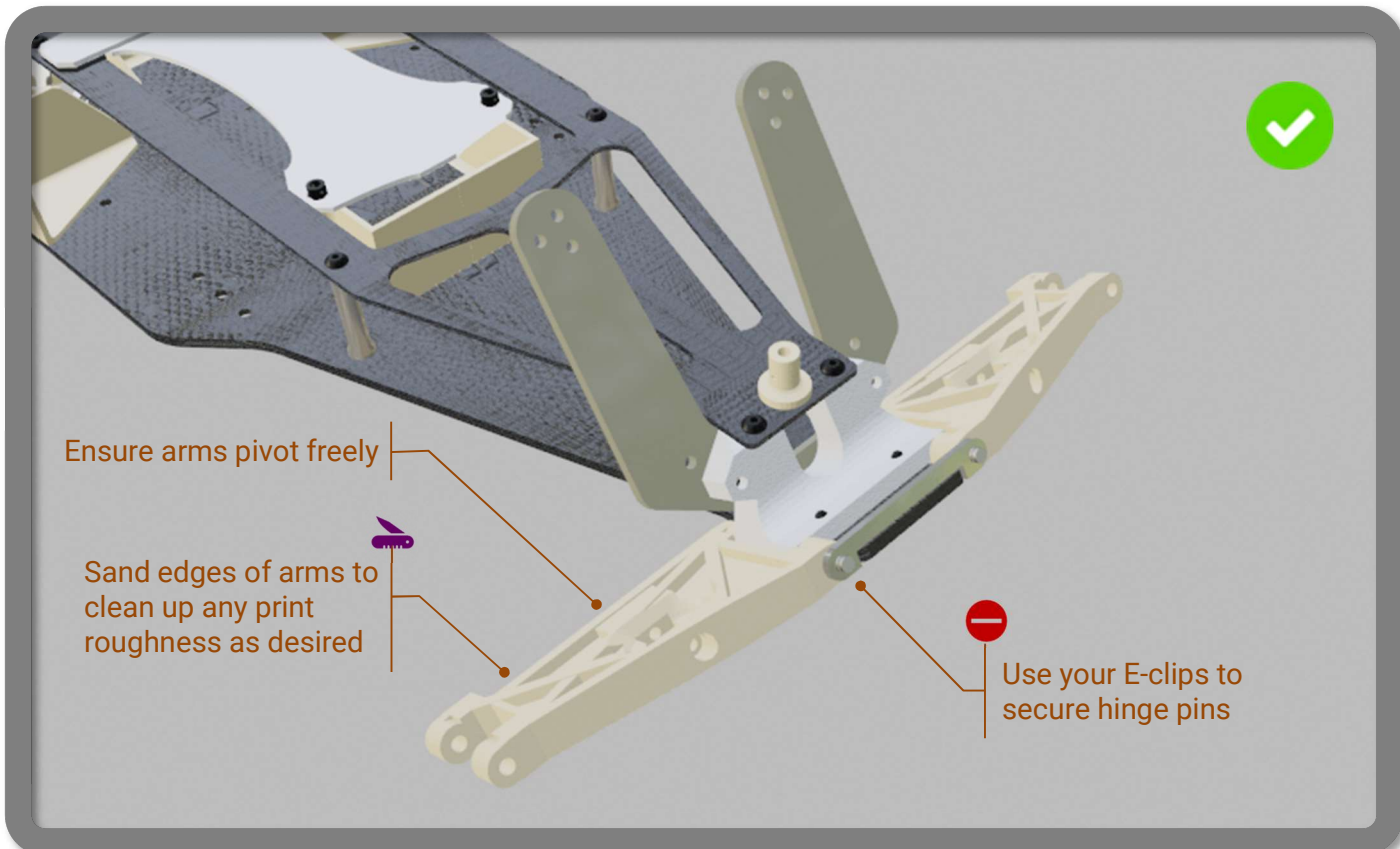
STEP 7 - COMPLETED



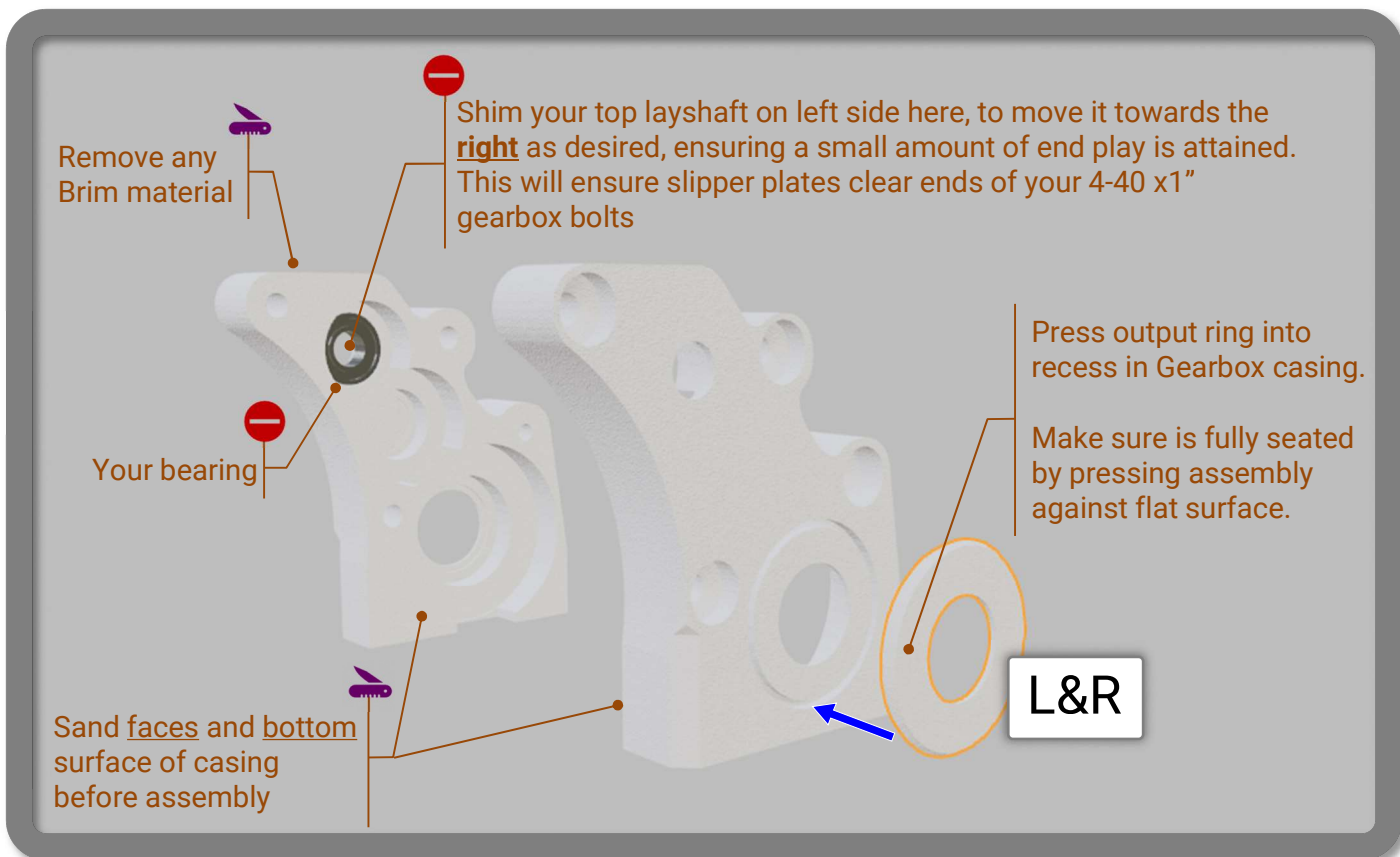
STEP 8.1 – FRONT SUSPENSION ARMS



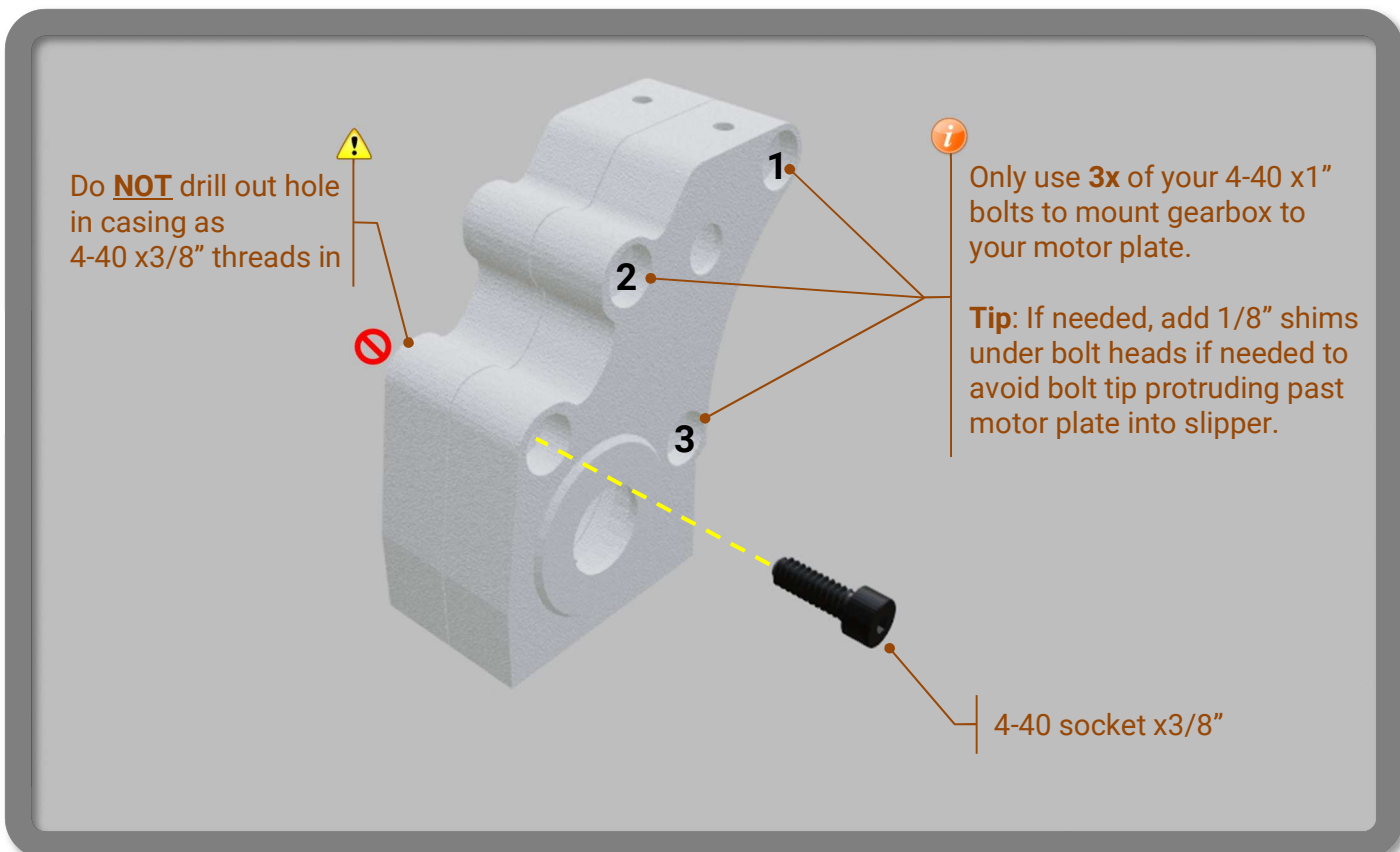
STEP 8 - COMPLETED



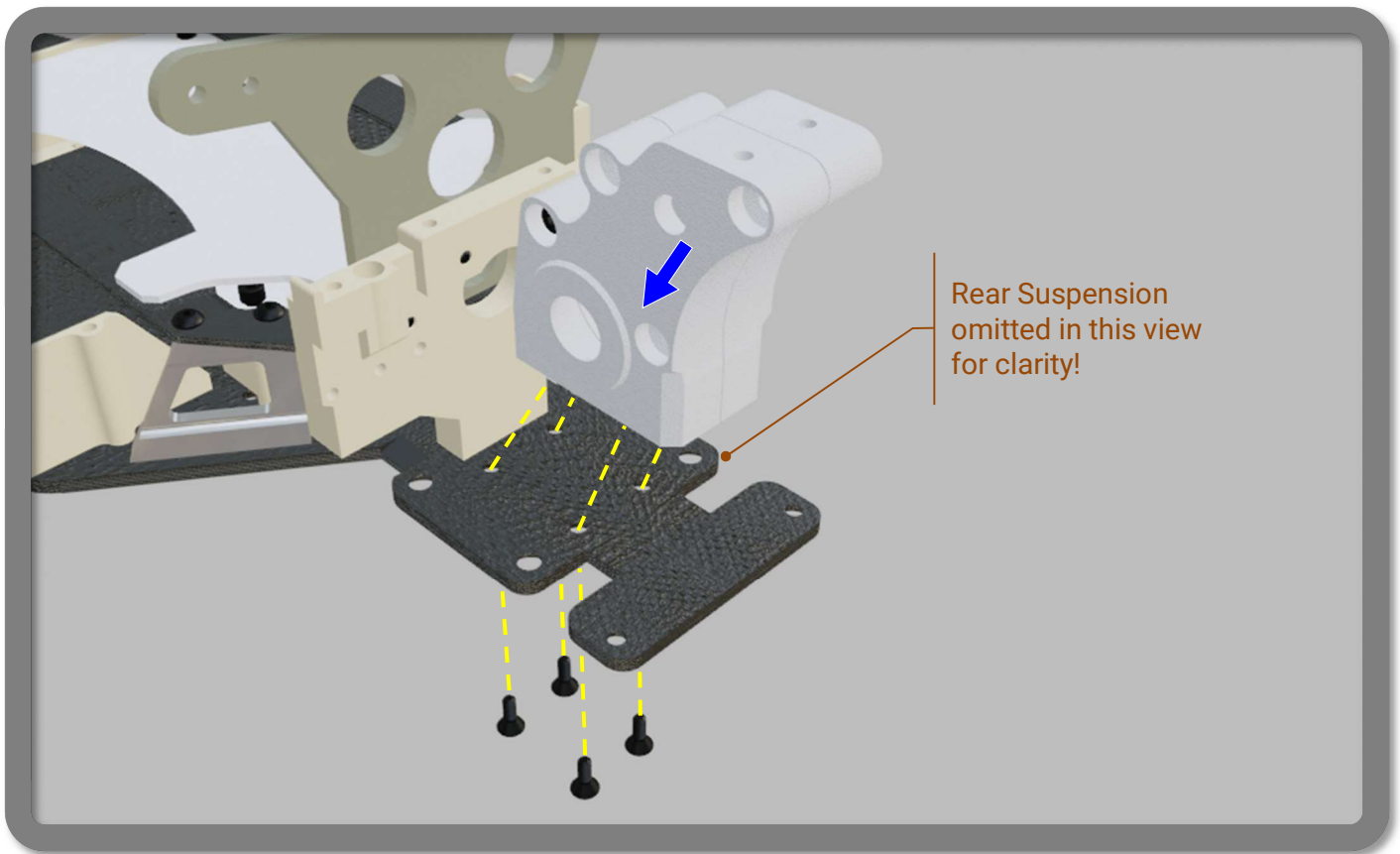
STEP 9.1 – GEARBOX



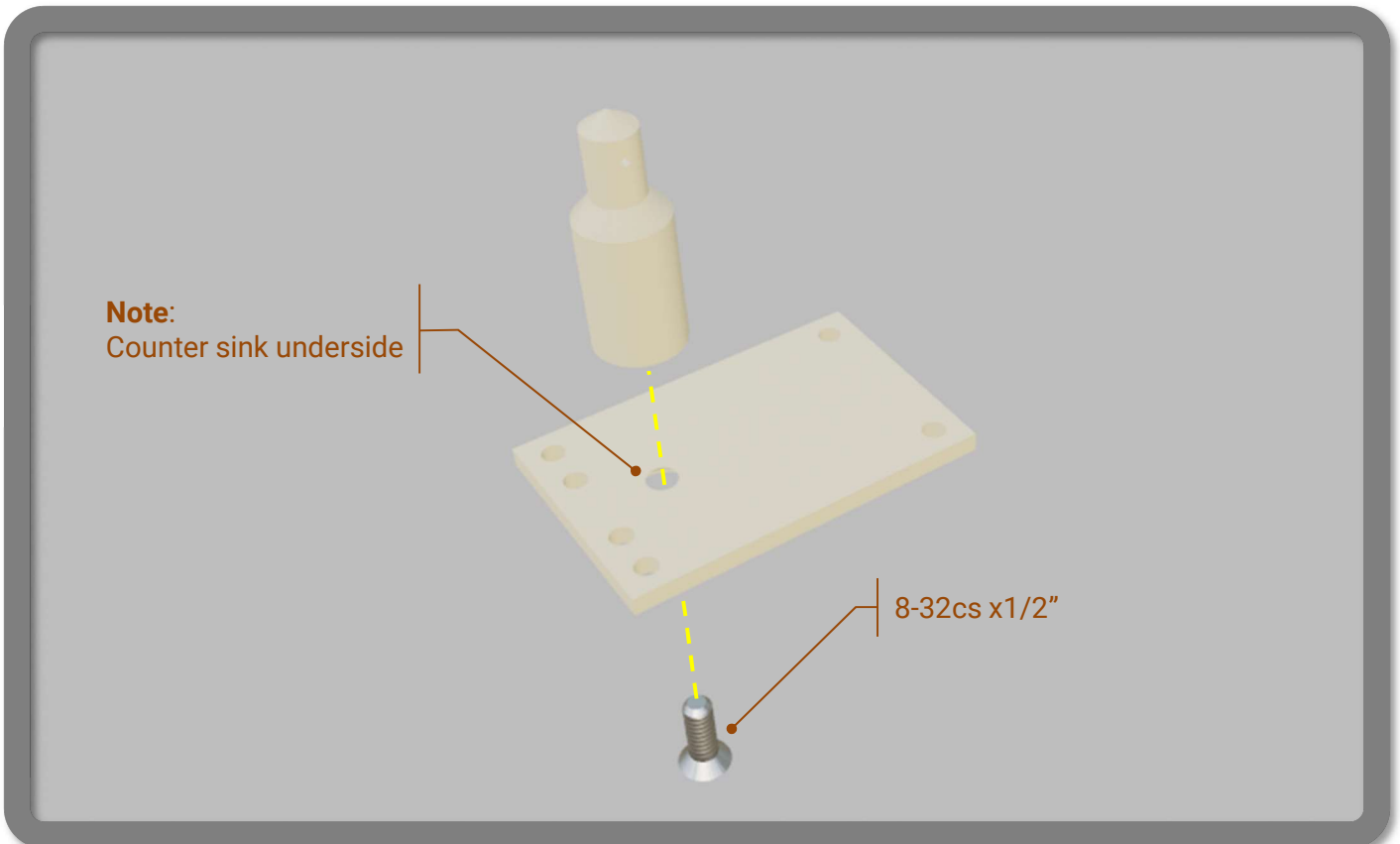
STEP 9.2 – GEARBOX ASSEMBLY TIPS



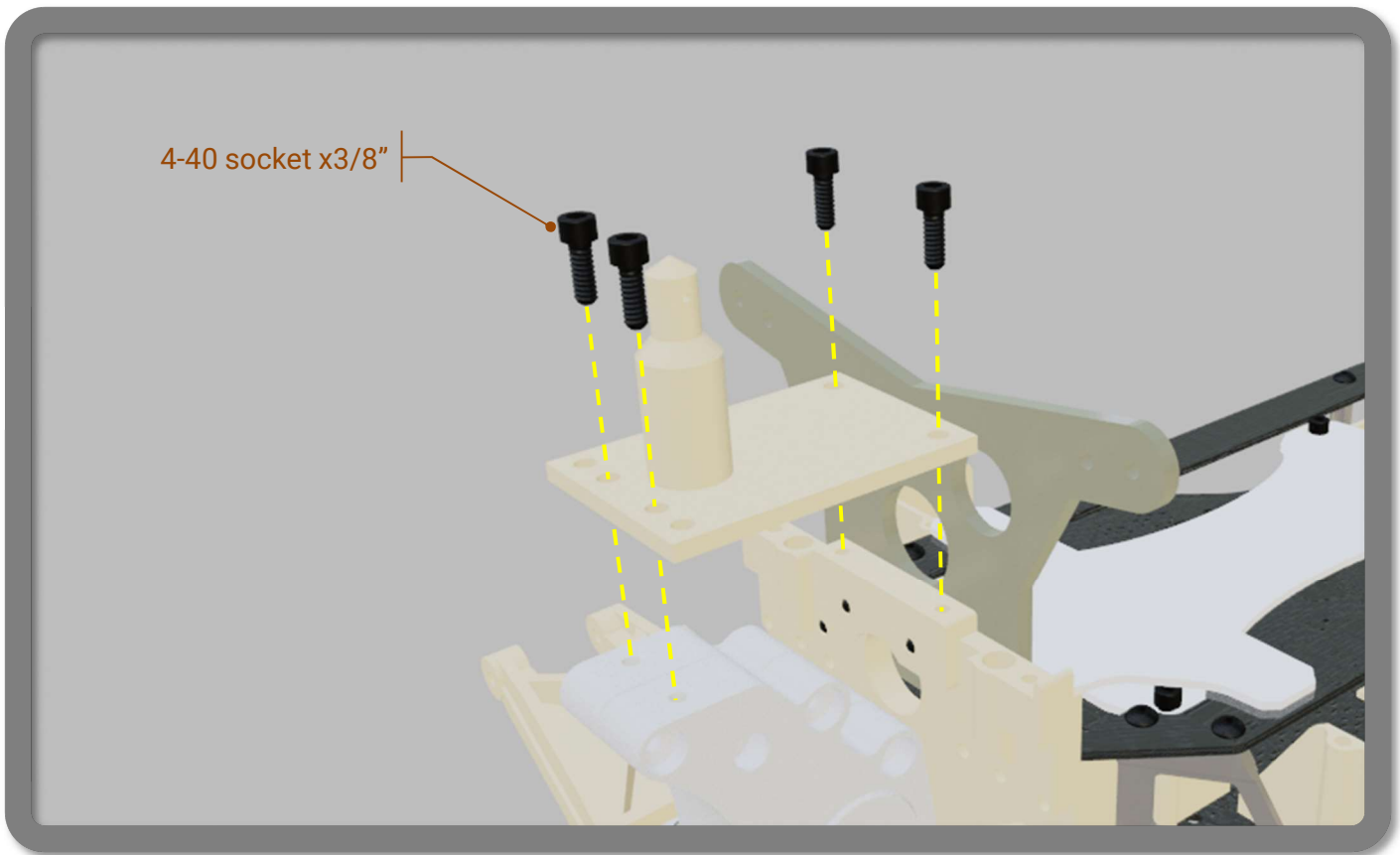
STEP 9.3 – GEARBOX INSTALLATION



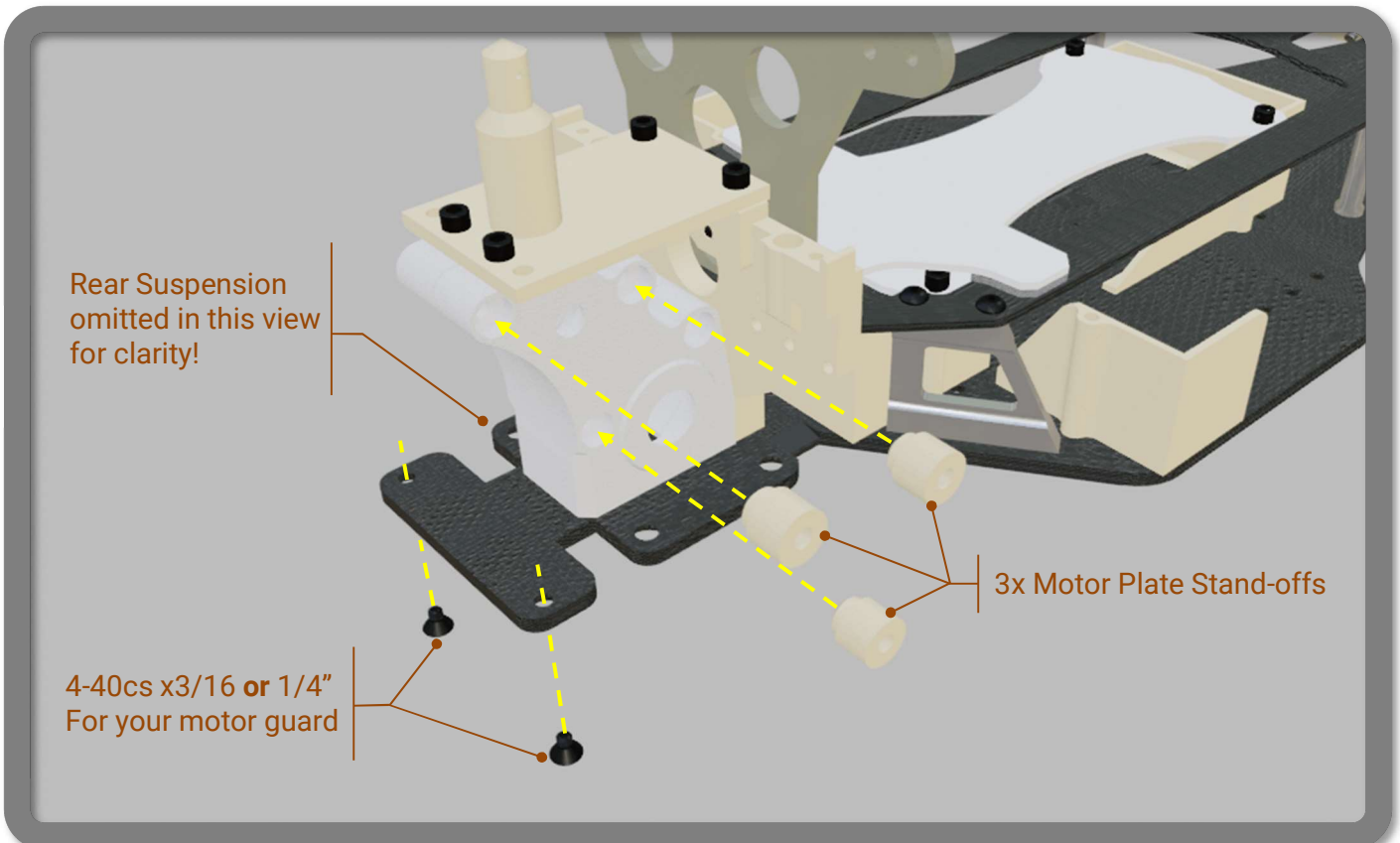
STEP 9.4 – GEARBOX TOP PLATE



STEP 9.5 – GEARBOX TOP PLATE INSTALLATION



STEP 9.6 – GEARBOX CASING STAND-OFFS



STEP 10.1 – WHEEL ADAPTERS



This kit comes with two pairs of printed wheel adapters designed to mount the Yokomo style TH-1 wheels, with captive pin design, for:

- 3/16" CVD type axles
- 1/4" original dog-bone/stub axle

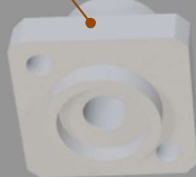
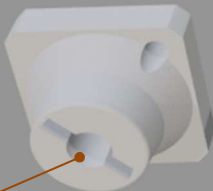


You can also buy optional alloy versions from NoCoast RC!

Note: those alloy items require a locking split pin to be used as they do not captively retain the pin.

3/16" type is all grey

1/4" type has black pin stripe



3/16" hole, drill out slightly if needed to fit your axles

1/4" hole, then coned for axle

STEP 10.2 – MOTOR PLATE – CUT OUT GUIDE



There are two small **cut outs** that are dremelled from the motor plate to replicate the original:

1. To clear the rear extreme inner camber link position; ball cup pivot
2. To clear the back of the rear inner arm pivot/hinge pin/E-clip



#1) remove this area

#2) remove 'very minor' material here



RC10GX CONVERSION KIT – COMPLETED!

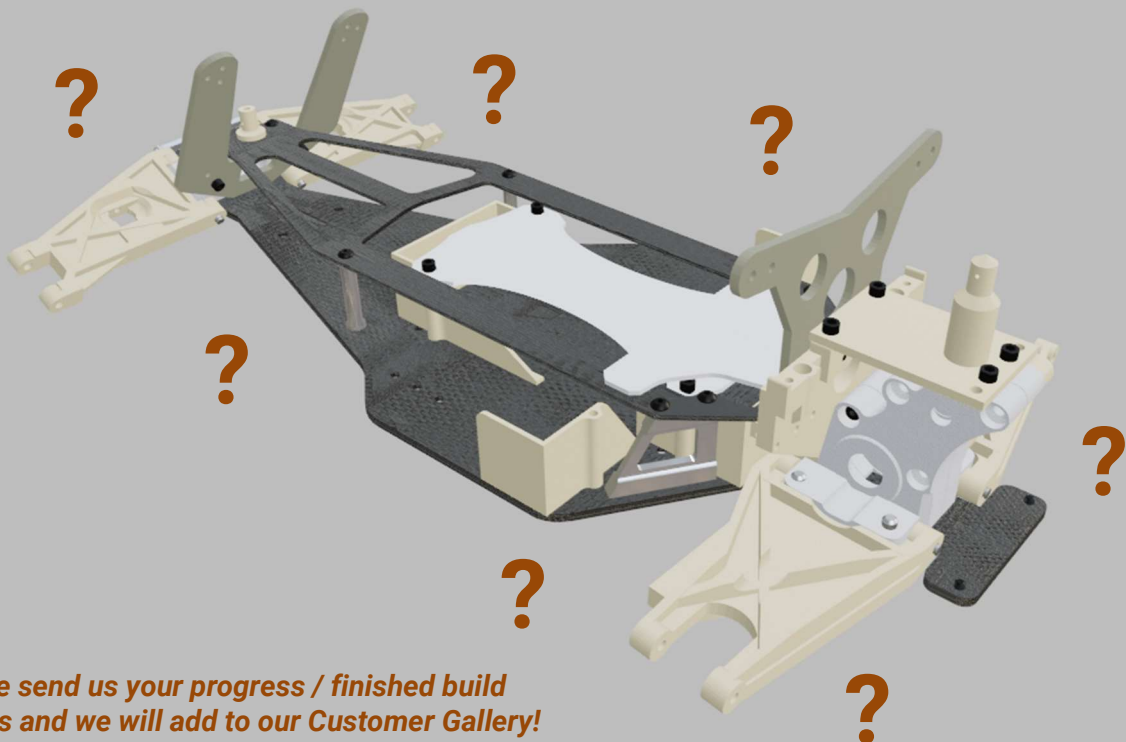


CONGRATS!!

Your RC10GX conversion kit is “complete”...
...now “just” your remaining components to go...!



...OVER TO YOU TO FINISH YOUR AMAZING BUILD!!!



*Please send us your progress / finished build
photos and we will add to our Customer Gallery!*

