

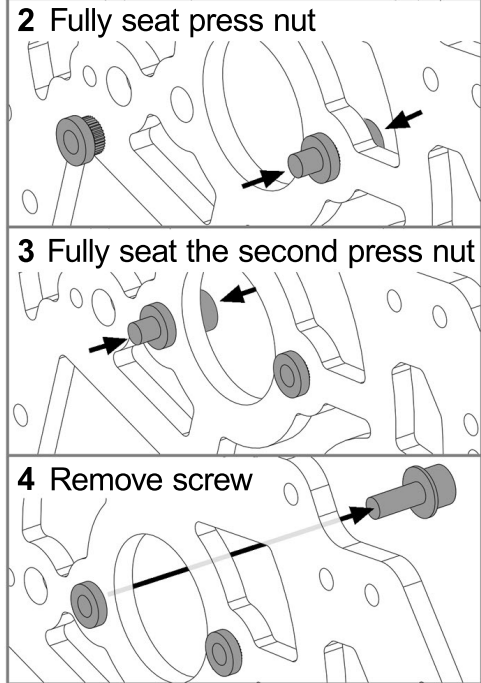
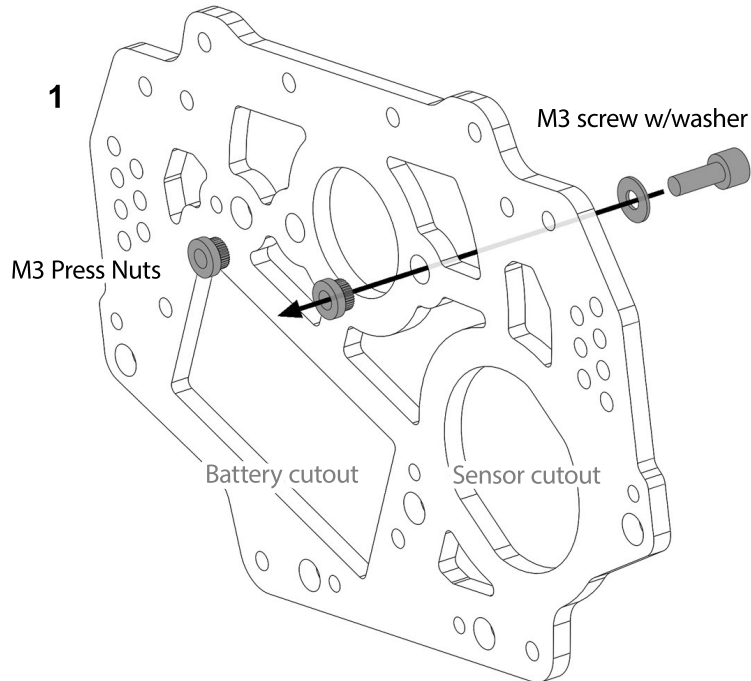
TEAMPRP

SI OGRE
LMT Conversion kit

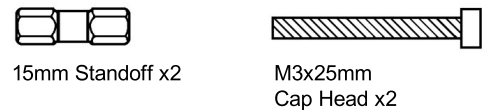
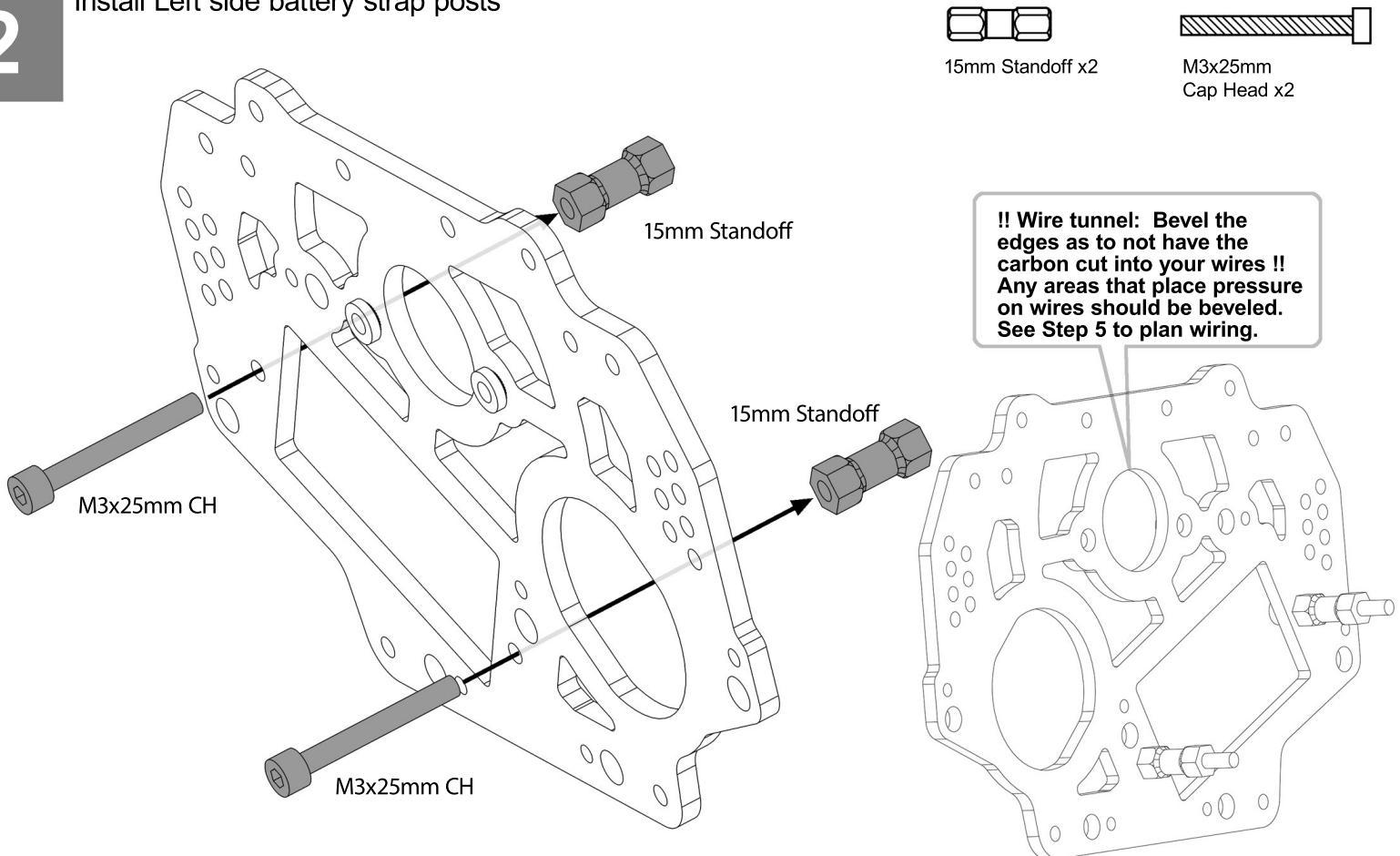
Advanced chassis conversion for the Team Losi LMT RTR Diggers, Roller, 13.5" wheelbase trucks. Inverted transmission with bottom mounted motor and battery for a lower center of gravity. The Ogre competition level 2s racer kit is a direct bolt-on conversion requiring no modifications. 85mm limit straps are recommended.

teampracing.com

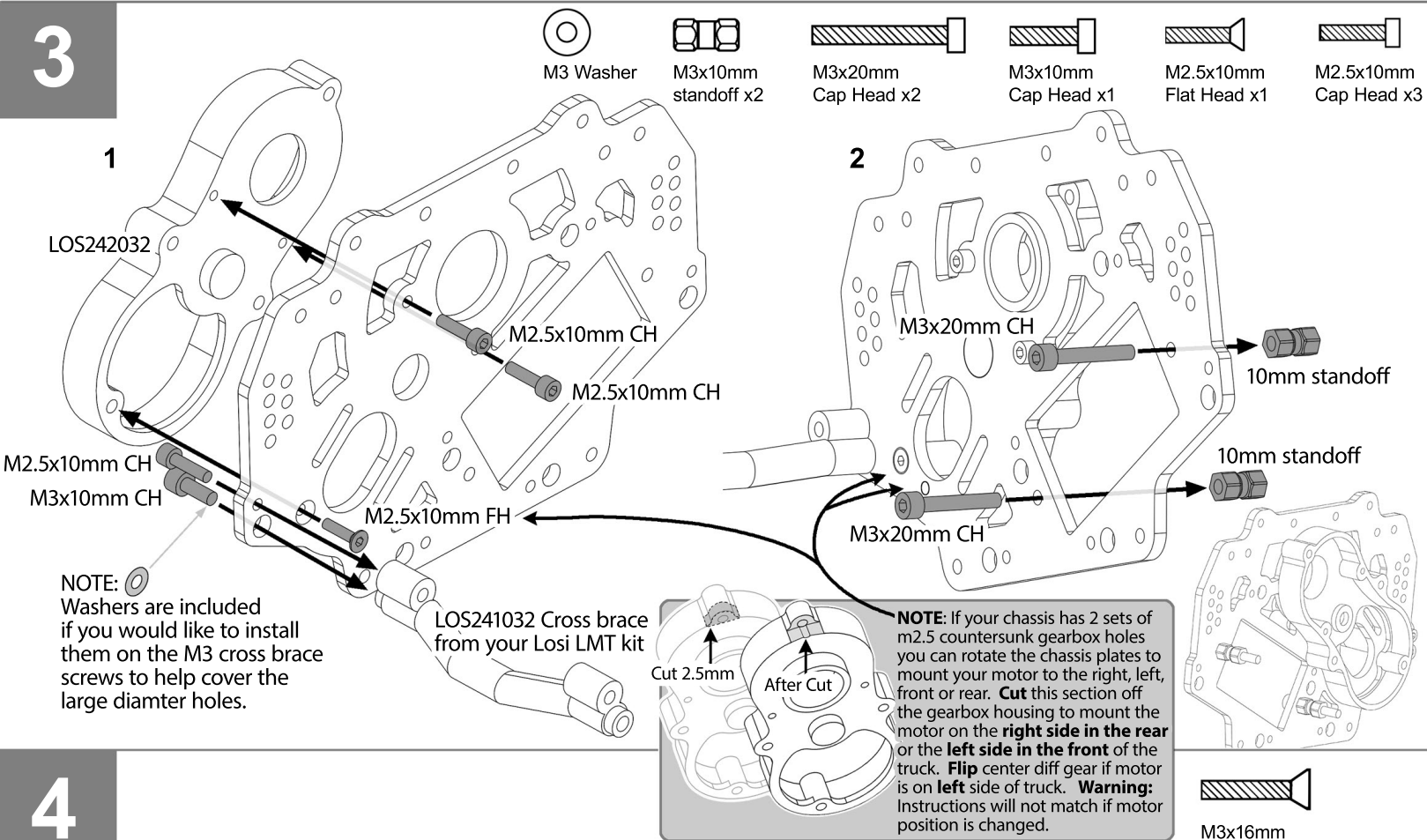
- 1** Install press nuts into non-drive / left side plate.
!!Note chassis orientation!!
 Tighten a small screw with washer into the press nuts through the chassis to fully seat the press nuts.



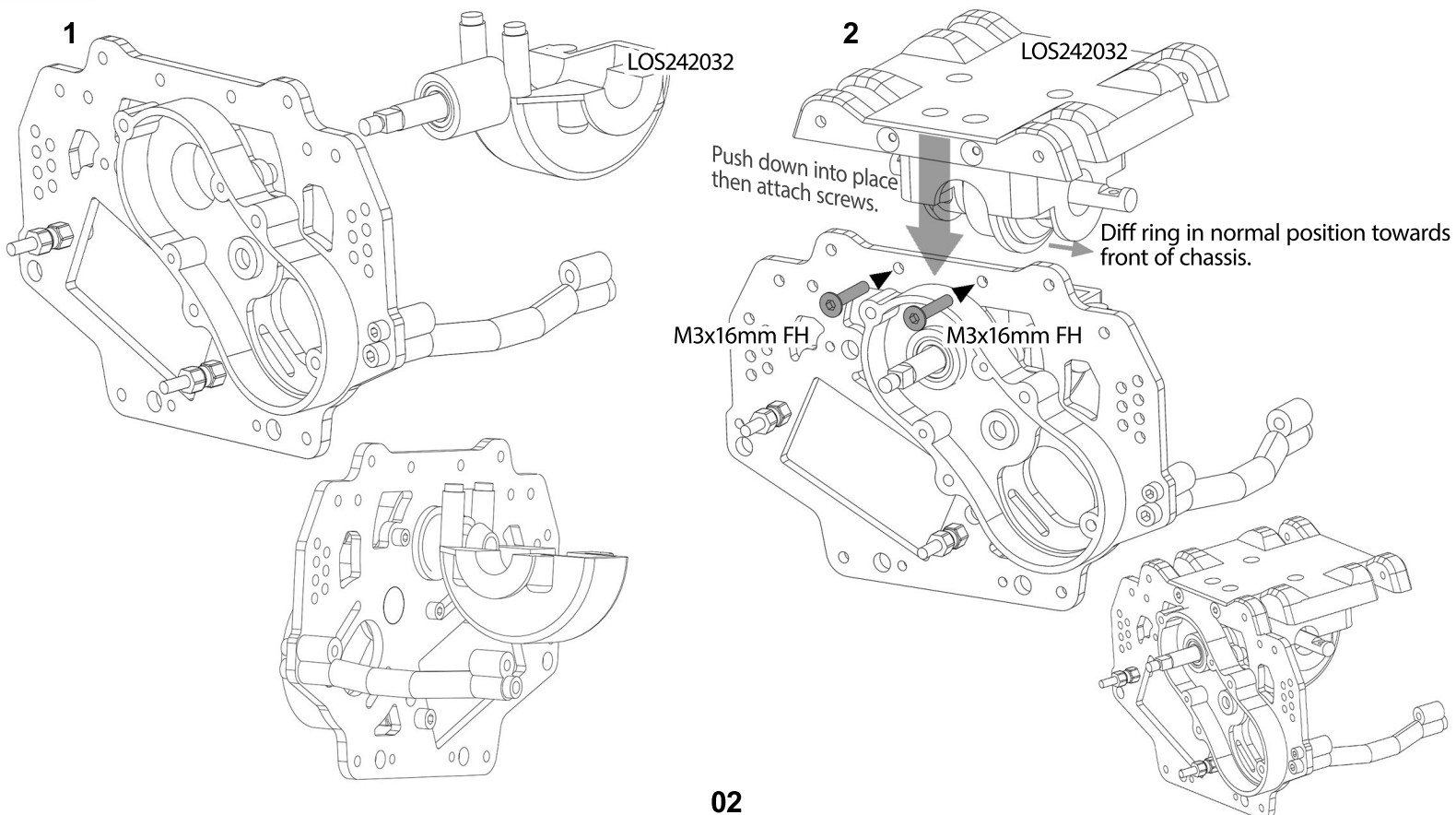
- 2** Install Left side battery strap posts



3

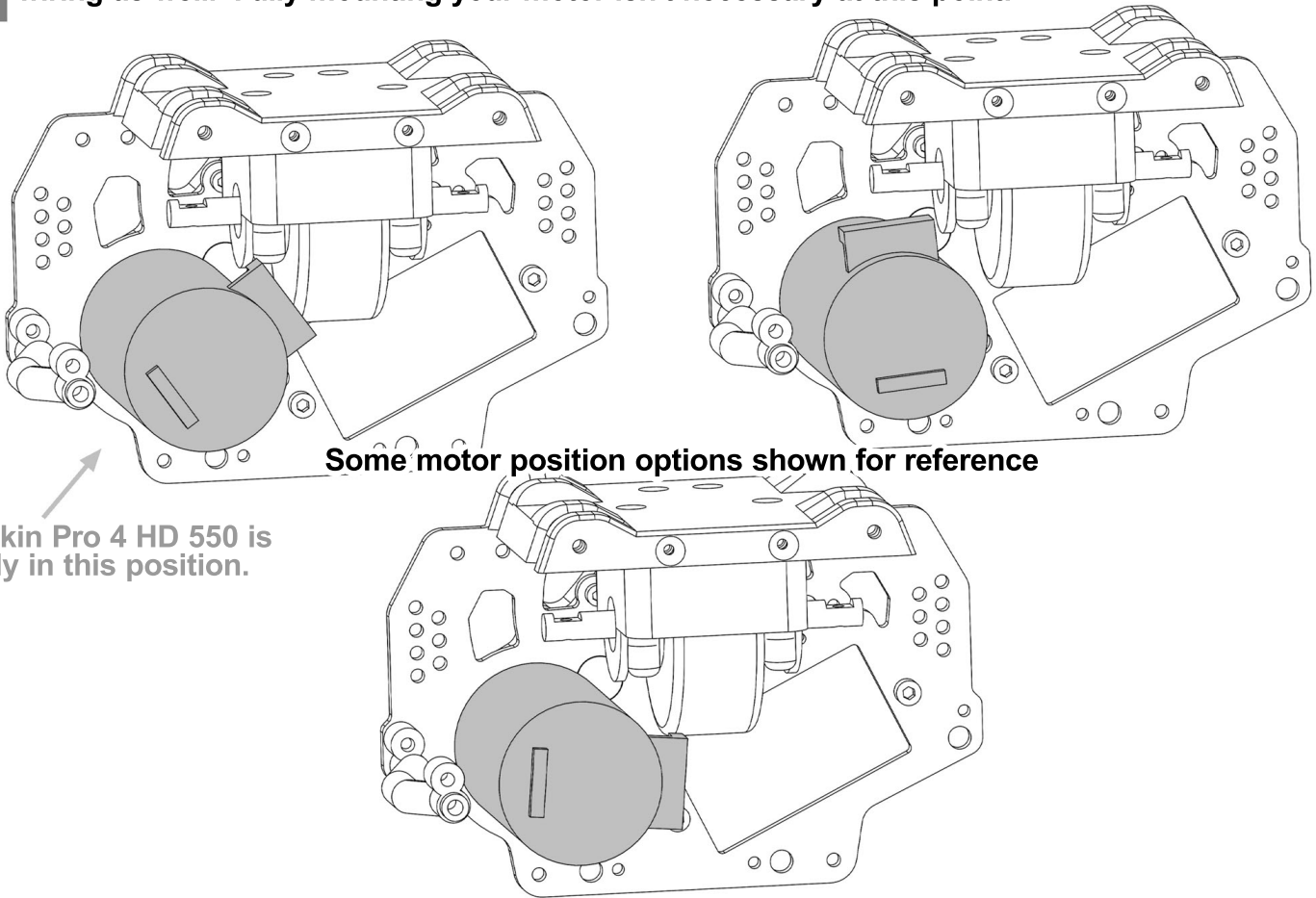


4

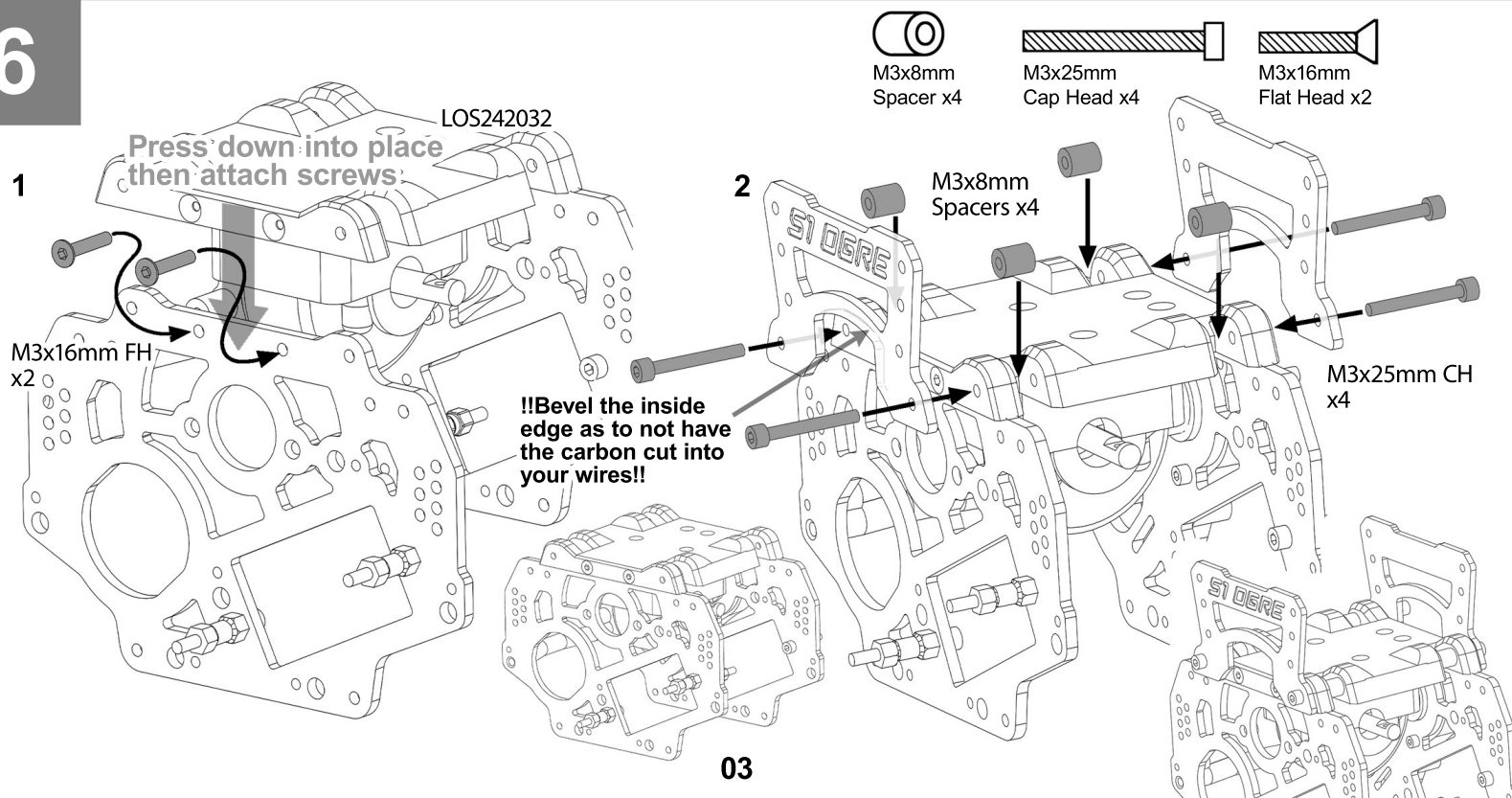


5

Test motor fit and positions. Most 540 and 550 motors should fit. You may rotate your motor mount endbell if your motor allows it (Tekin motors do) but it shouldn't be necessary. Begin planning your wiring as well. Fully mounting your motor isn't necessary at this point.

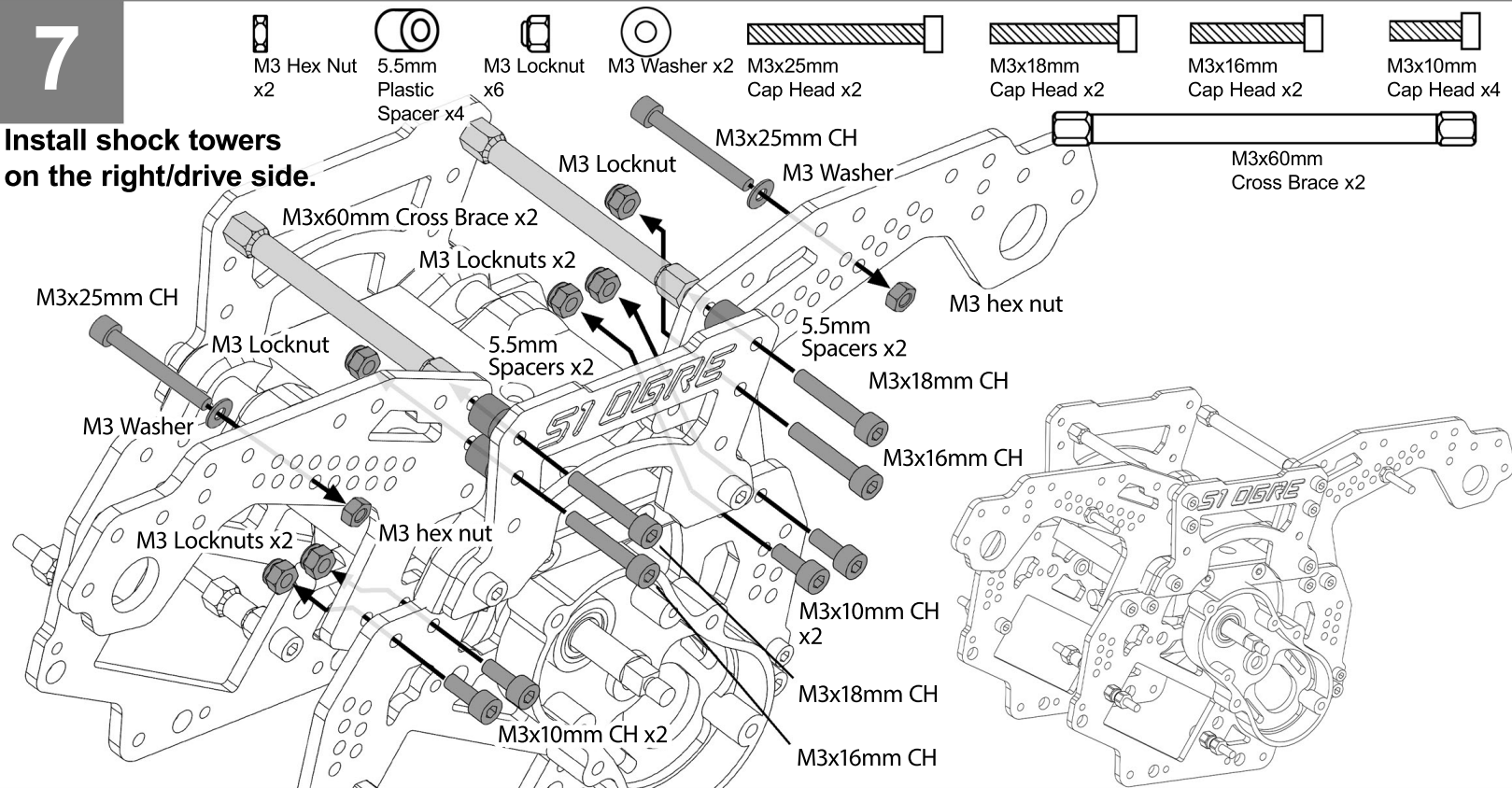


6



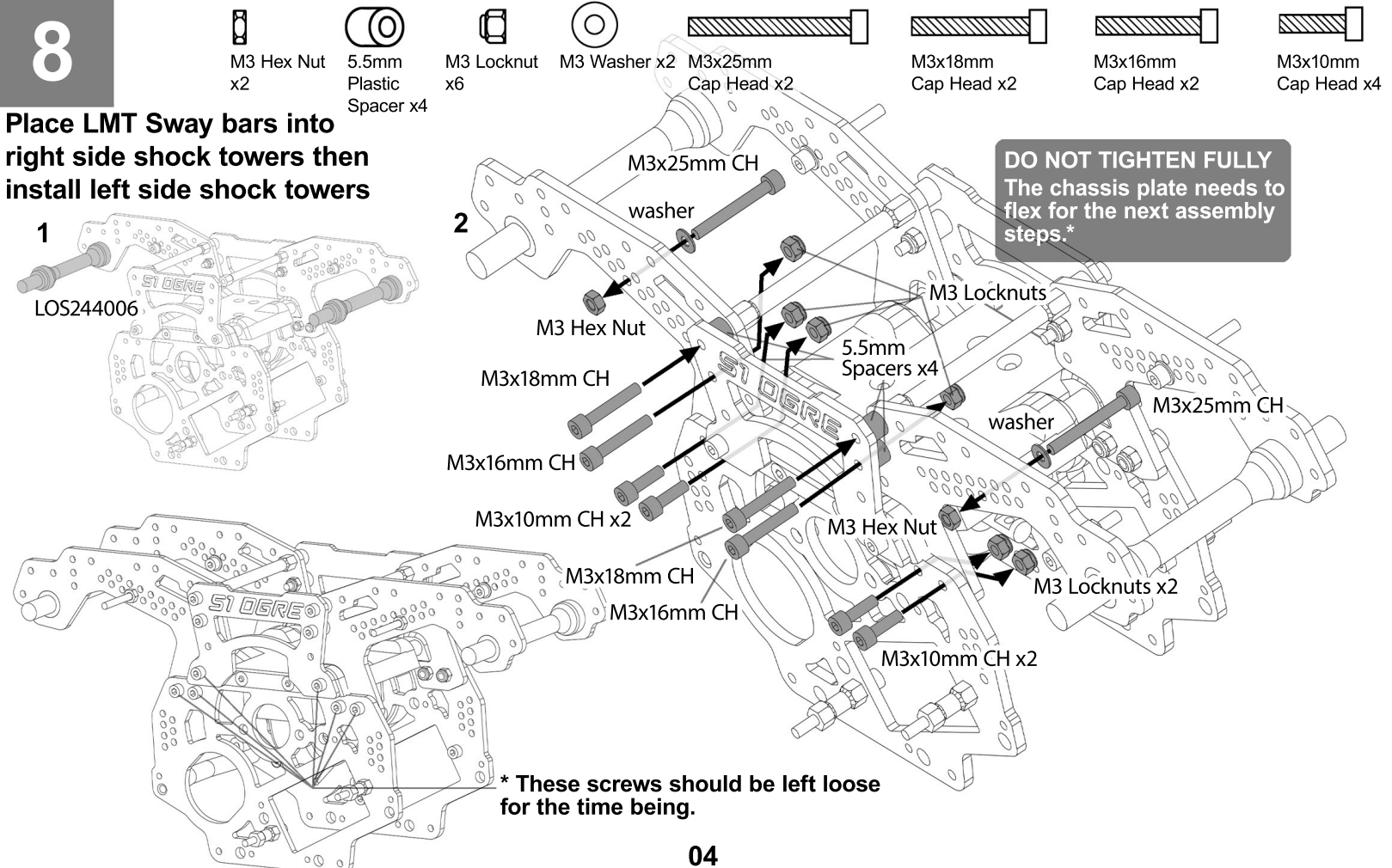
7

Install shock towers on the right/drive side.



8

Place LMT Sway bars into right side shock towers then install left side shock towers



9

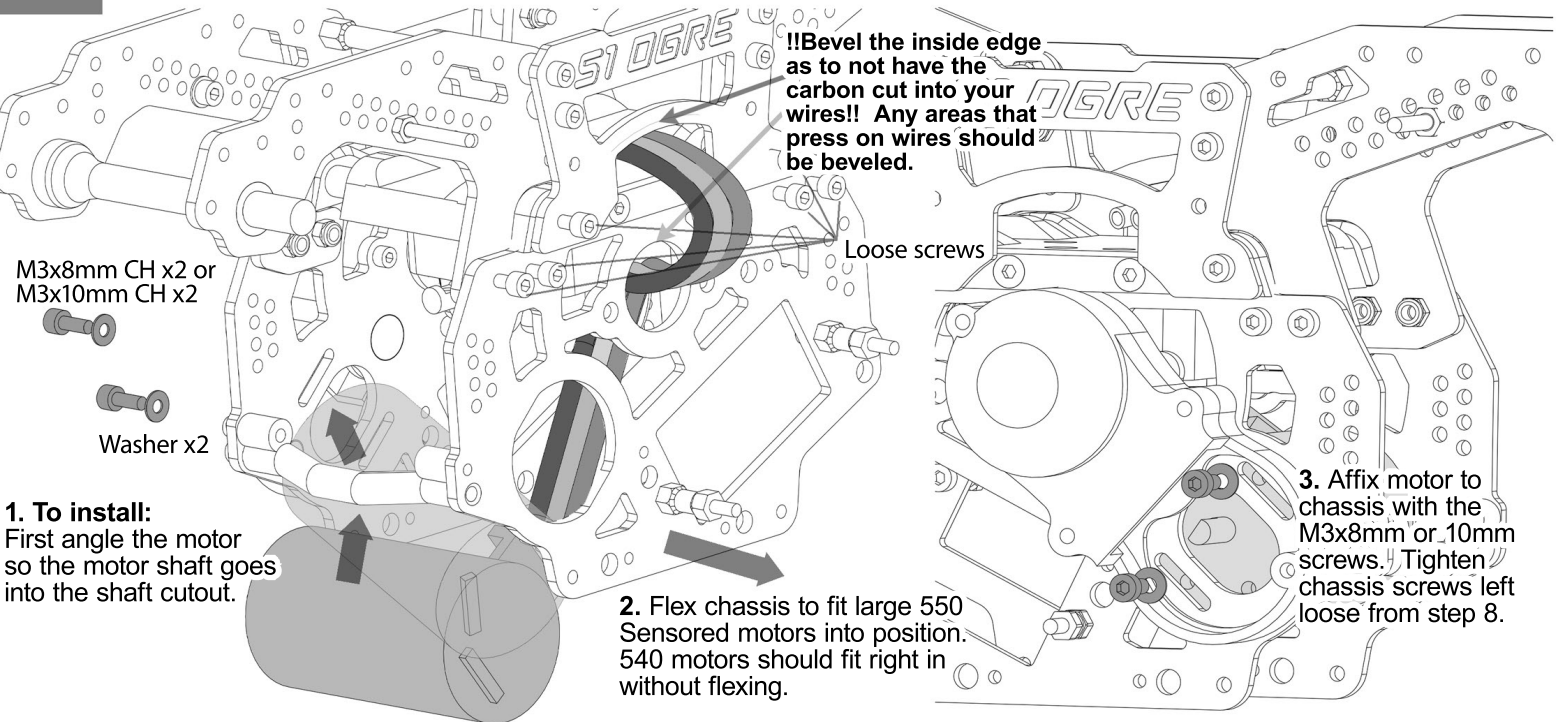
First solder wires onto your motor according to your plan (Step 5) and choose your wire routing method. Install motor into chassis referencing these 3 install steps.



M3 Washer
x2



M3x10mm
Cap Head x2



10

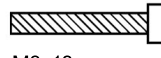
Cross brace, skid rail and wire cover install



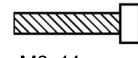
M3x5.5mm
Spacer x1



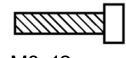
M3x8mm
Spacer x2



M3x18mm
Cap Head x1



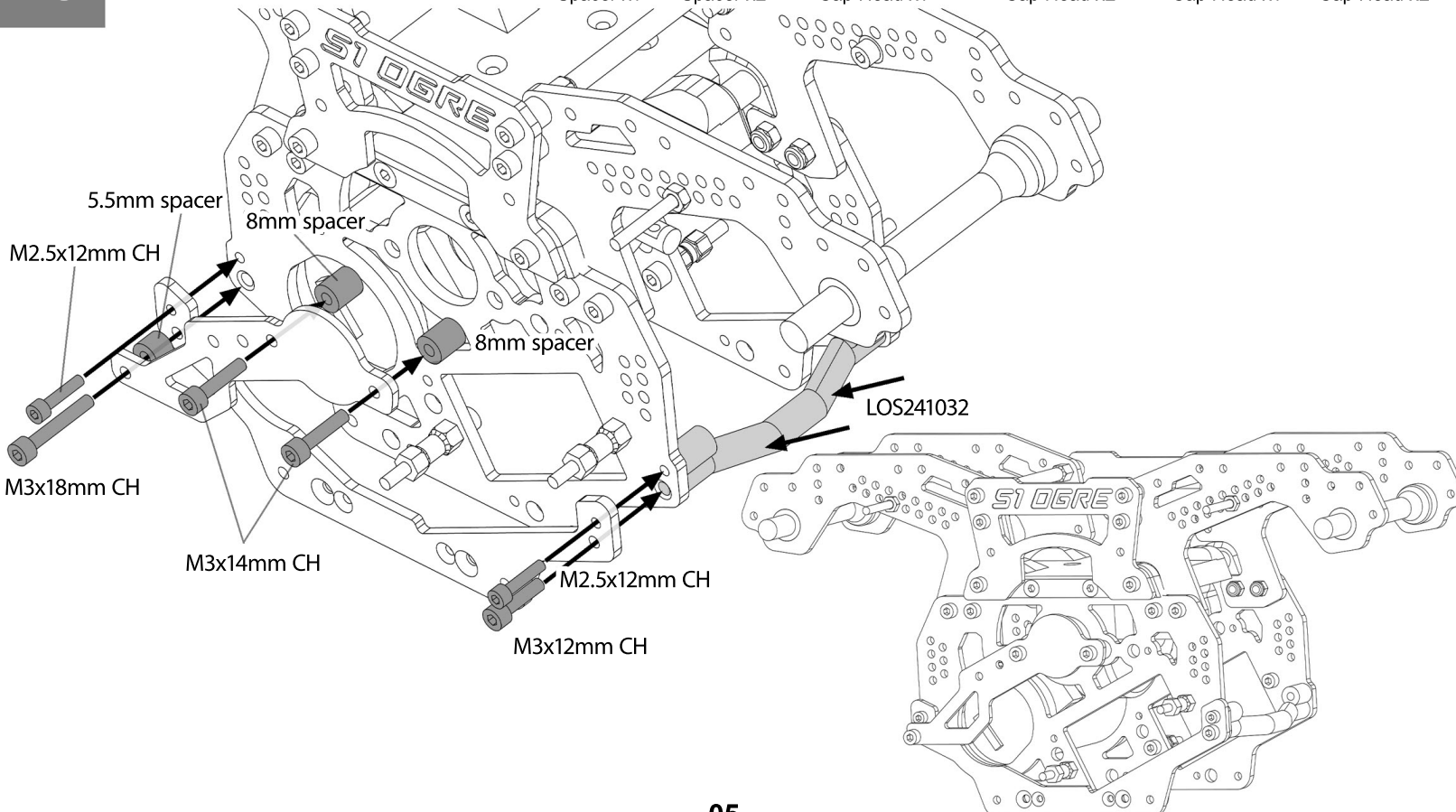
M3x14mm
Cap Head x2



M3x12mm
Cap Head x1

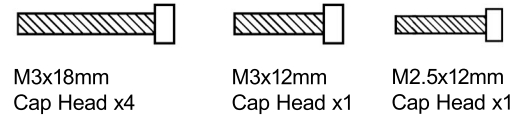
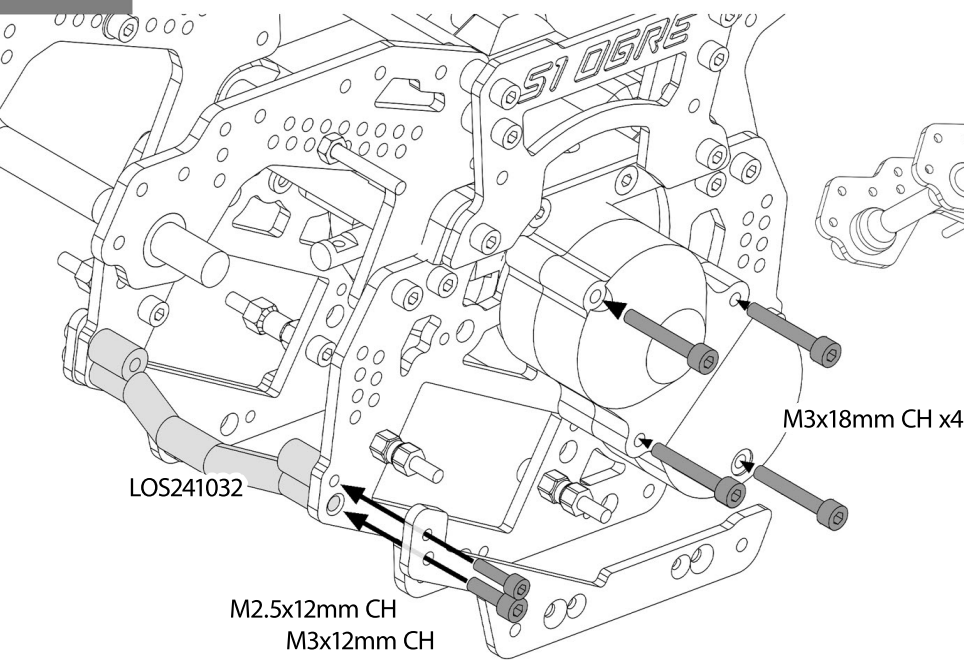


M2.5x12mm
Cap Head x2



11

Right skid rail install and you know about the gearbox – If not, consult the Losi LMT Manuals. Put your gears in if they aren't yet and attach the cover.

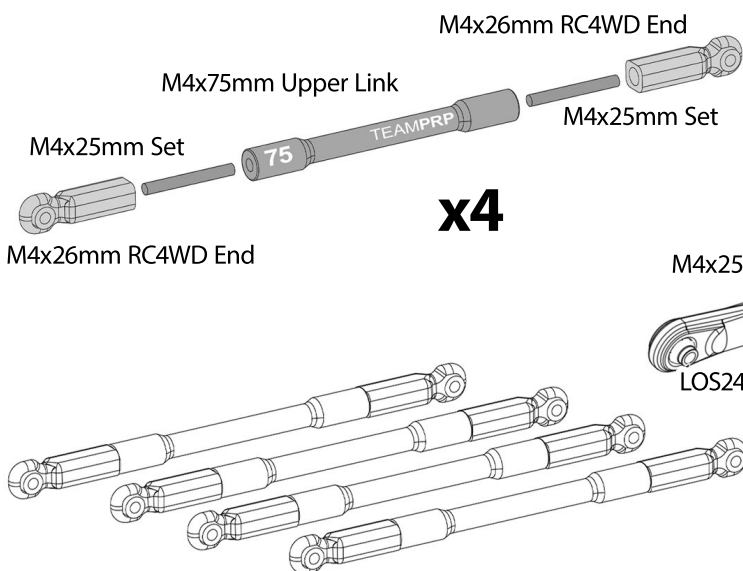


12

Upper links use the included RC4WD rod ends (26 eye to end). Trailing arms use stock Losi LMT rod ends (25 eye to end) from your Losi LMT kit.

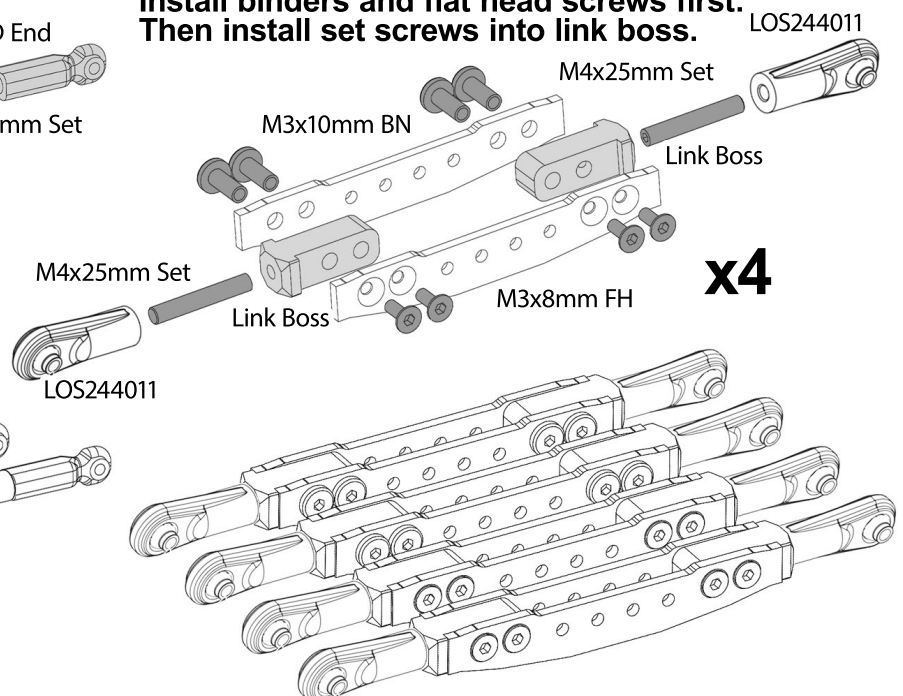


1 Upper links x4



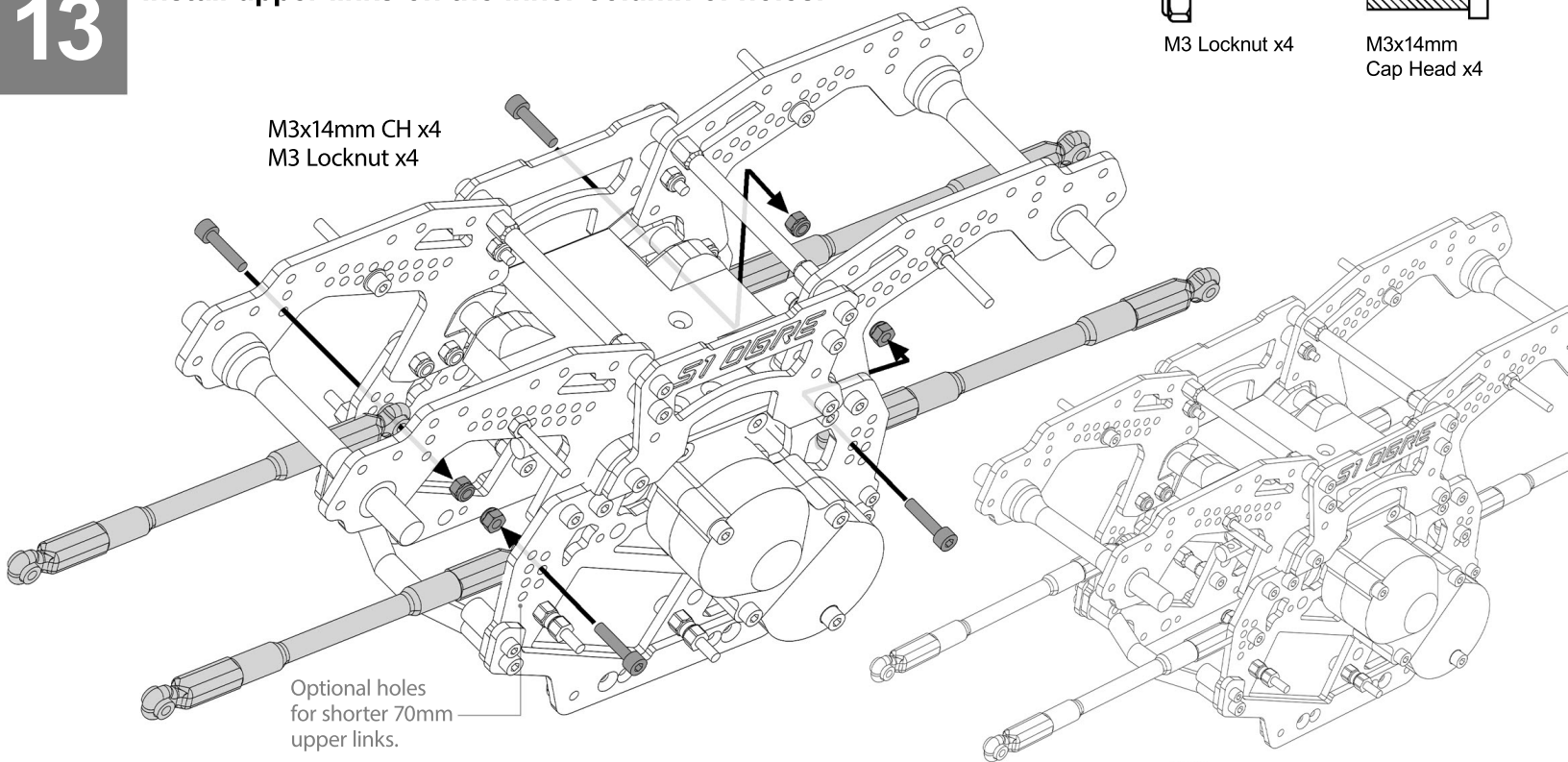
2 Trailing arms x4

Install binders and flat head screws first. Then install set screws into link boss.



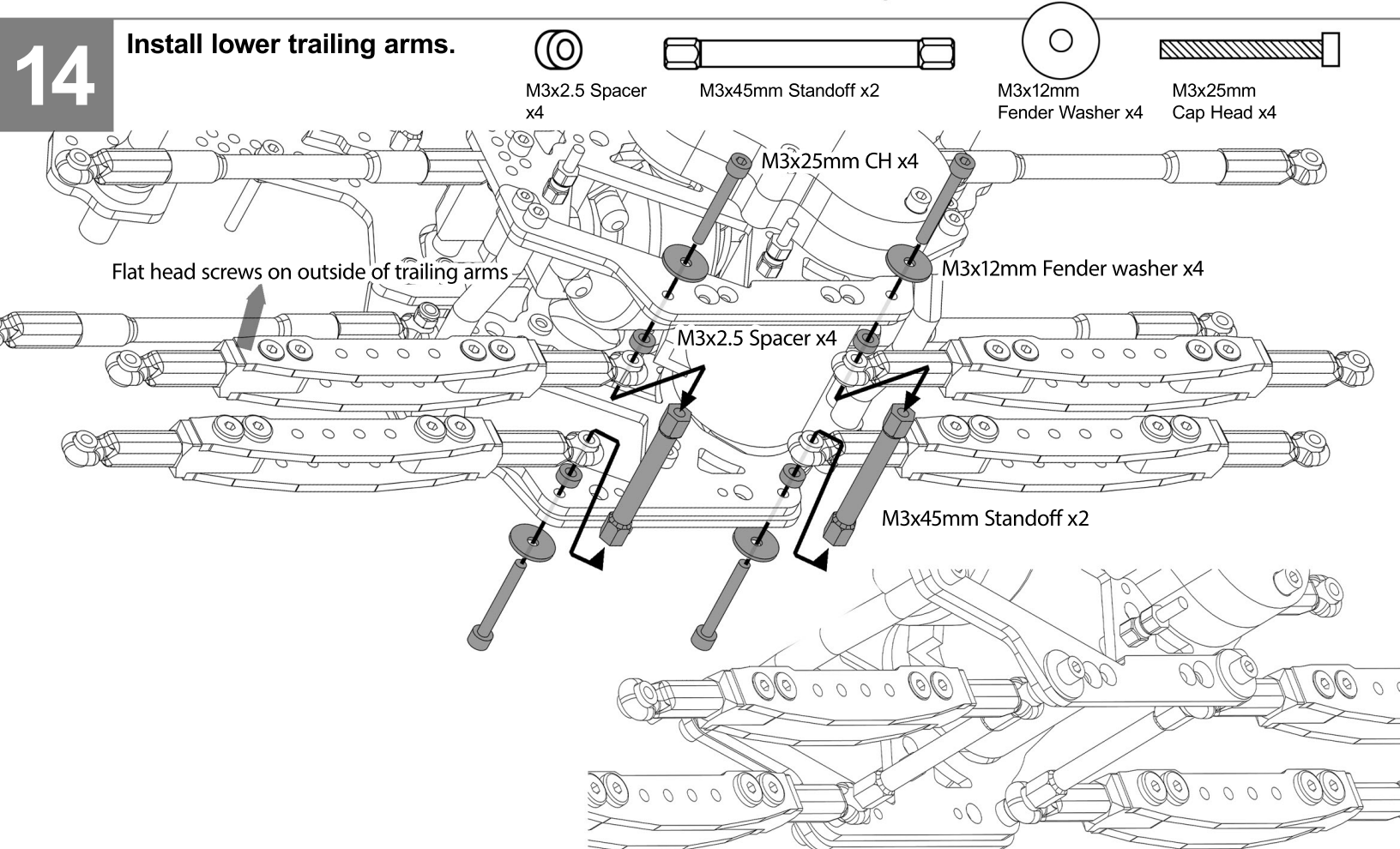
13

Install upper links on the inner column of holes.



14

Install lower trailing arms.

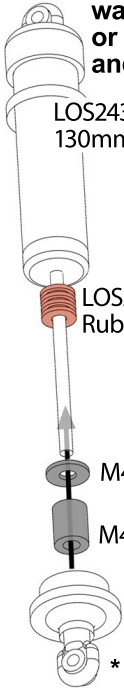


15

Install bump stop risers and attach shocks to the shock towers x4.

1 !!M4x9mm spacer and washer must be installed or risk chassis bottom-out and carbon damage*!!

2 Attach shocks to towers x4.



LOS243013 Stock Losi LMT 130mm Shocks x4

Tip: Indoor smooth surface starting setup is Red springs and 60Wt oil with stock pistons.

LOS243015 Stock Losi LMT Rubber Bump Stop

M4x1mm Plastic Washer

M4x9mm Plastic Spacer

x4

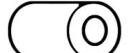
* The M4 spacer and M4 washer combine to create the “bump stop riser” and you may tune the length but be sure the chassis does not bottom out, especially on rough surfaces.



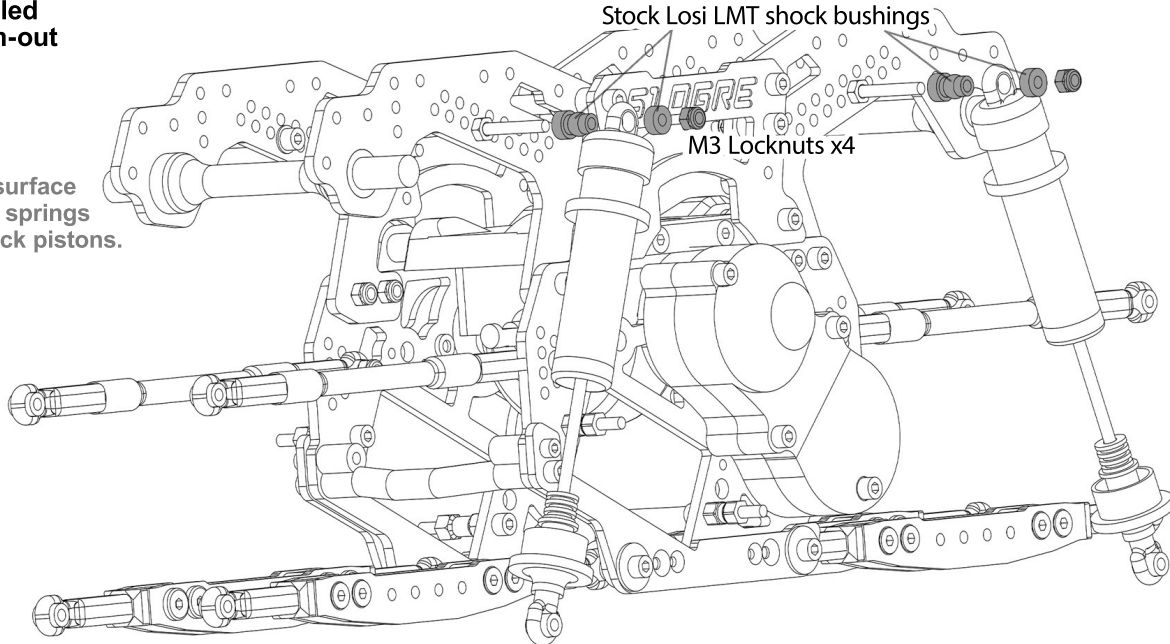
M3 Locknut x4



M4x10mm Plastic Washer x4



M4x9mm Plastic Spacer x4



Stock Losi LMT shock bushings

M3 Locknuts x4

16

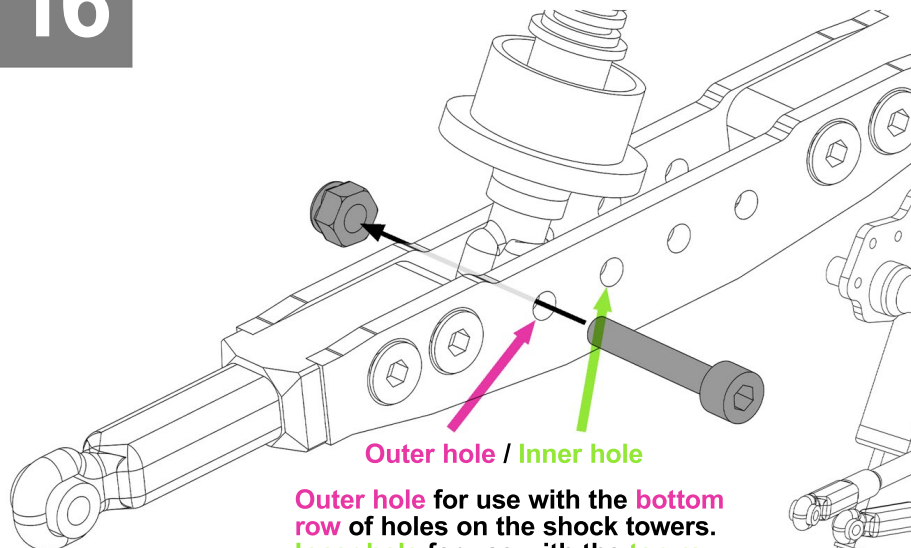
Install shock bottoms to trailing arms x4.



M3 Locknut x4

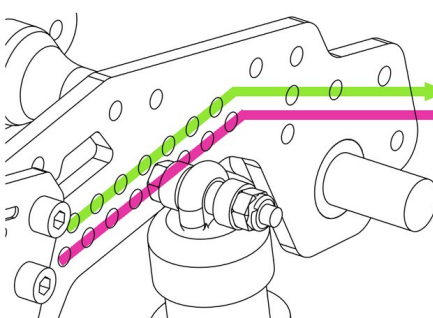


M3x18mm Cap Head x4



Outer hole / Inner hole

Outer hole for use with the bottom row of holes on the shock towers.
Inner hole for use with the top row of holes on the shock towers*.



Top Row

Bottom row

* Shocks mounted to Trailing Arm Outer Hole may be used with the Top Row of shock tower holes, BUT you may need to raise the shocks' BUMP STOP to reduce chassis slap / bottoming out of the chassis. With limit straps installed properly you may use Inner Hole to Bottom Row. Inner Hole to Bottom Row will increase ride height and reduce travel. Be cautious of drive shaft binding and separation. Limit straps must be installed not to overextend or bind the drive shaft.

17

If the center diff is not installed, do it now before attaching this tray.

Assemble and install ESC Tray.



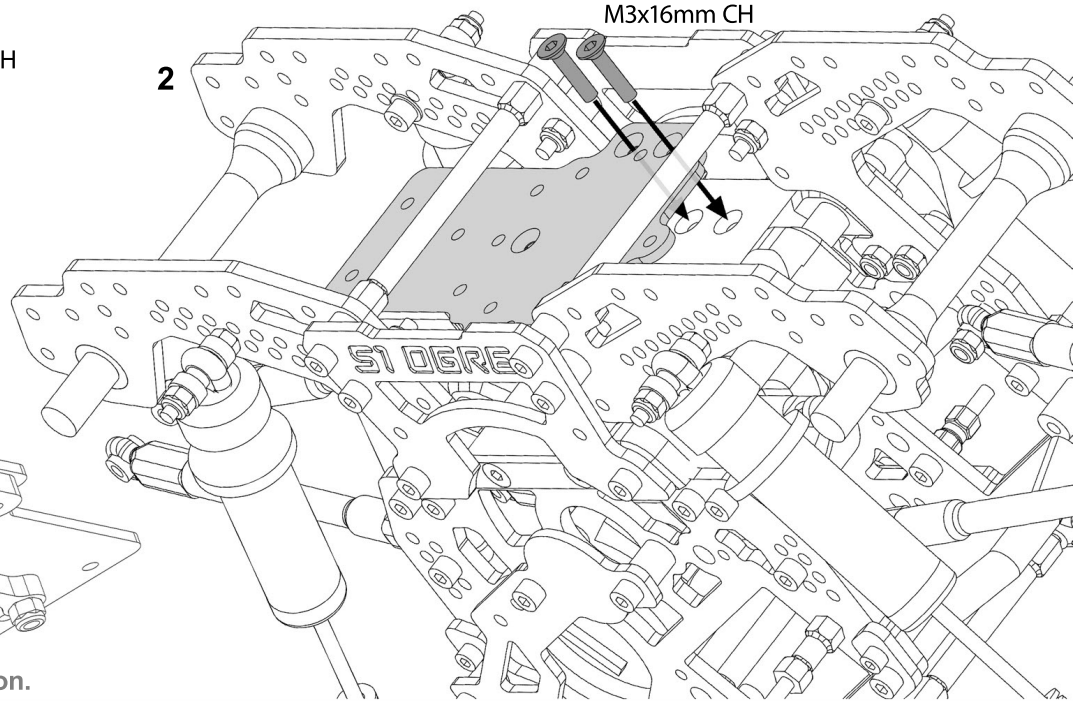
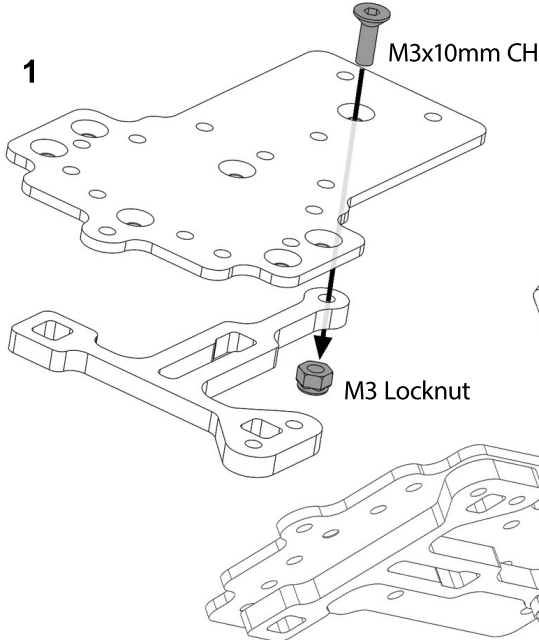
M3 Locknut



M3x16mm
Flat Head x2



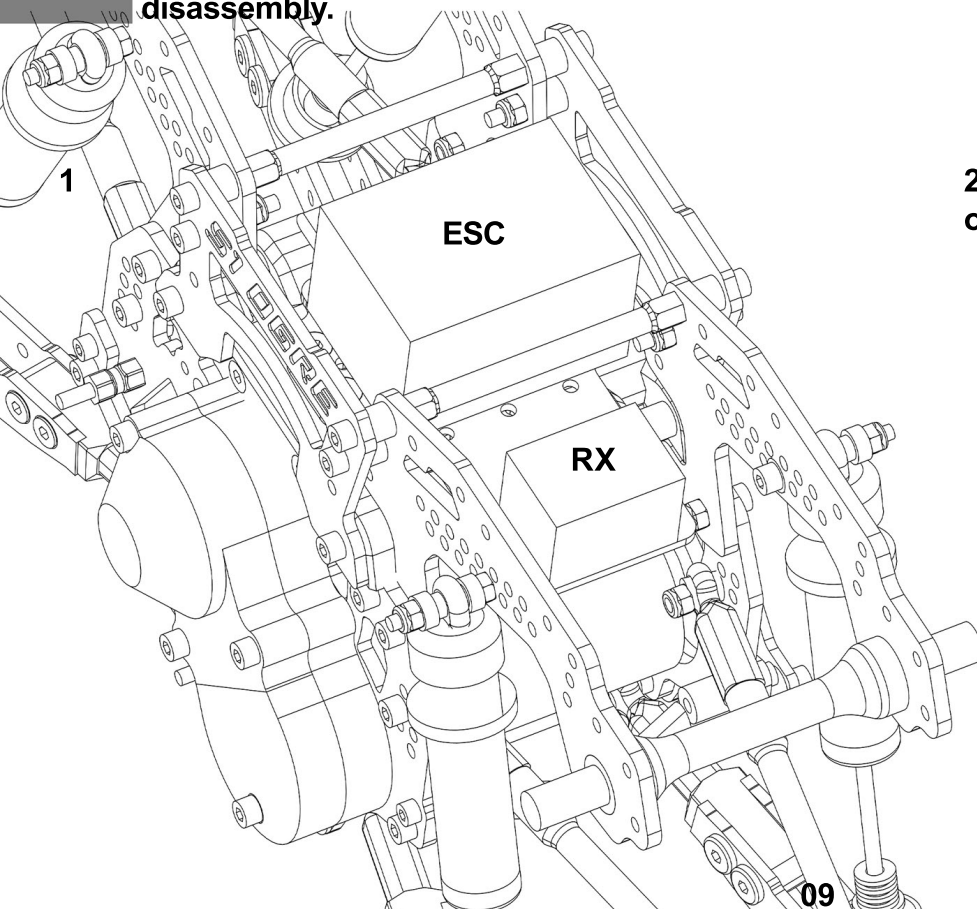
M3x10mm
Flat Head



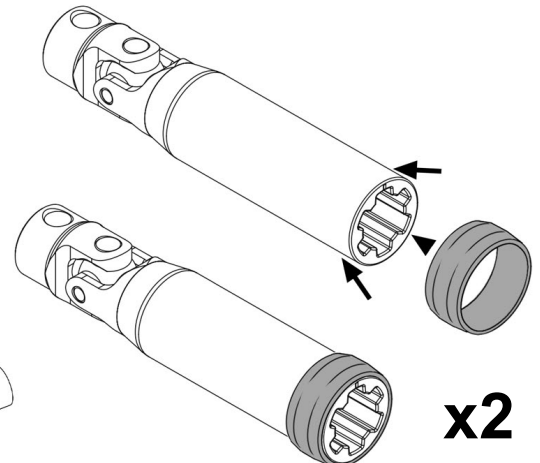
More electronics trays options coming soon.

18

The ESC tray can be rotated for a front or rear overhang. You may place ESC and receiver anywhere you like and move the cross braces around as needed for adequate space. Keep the two M3x16mm Flat head screws clear for quick disassembly.

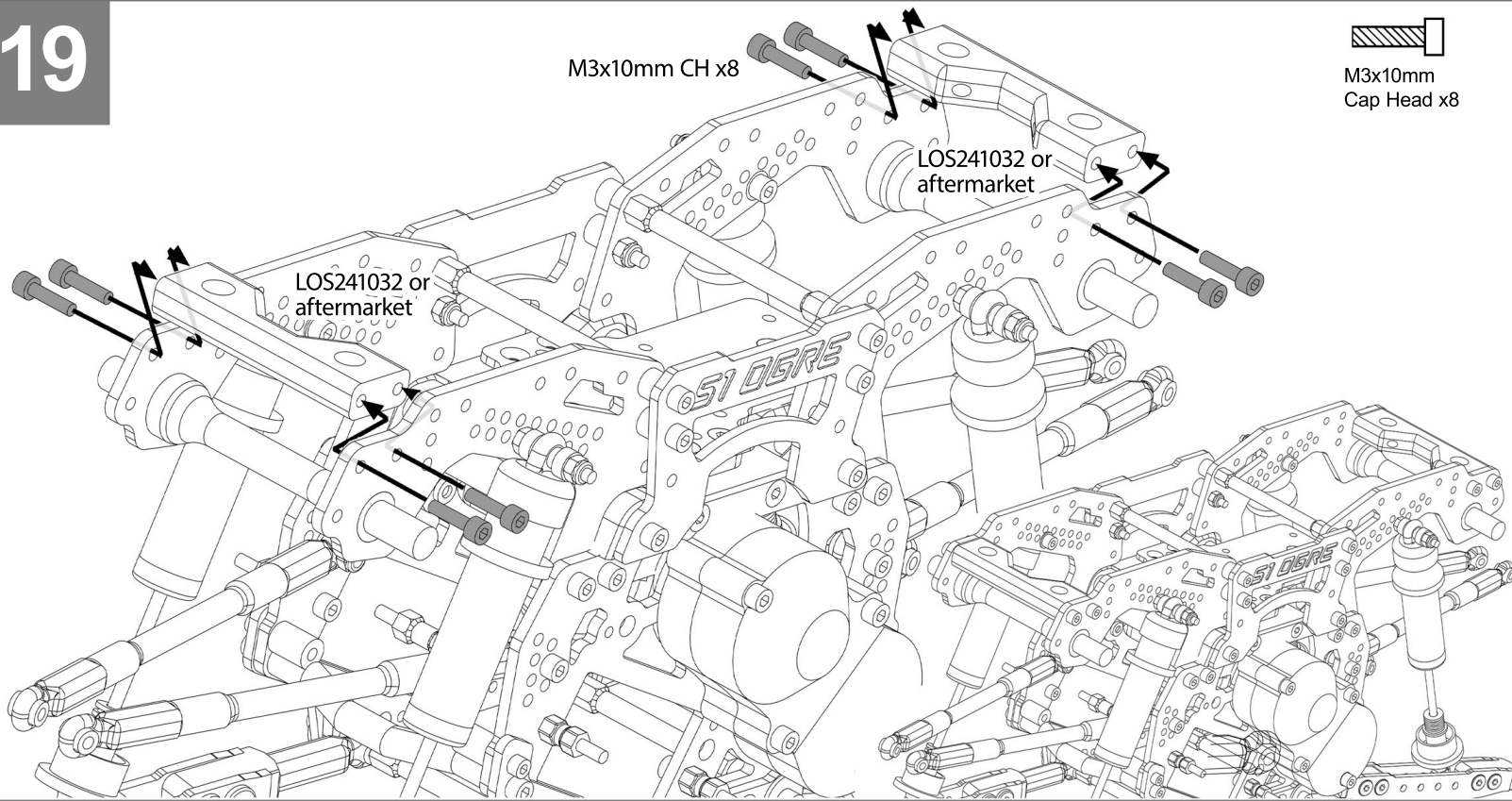


2 Install support ring at the end of the drive shafts.



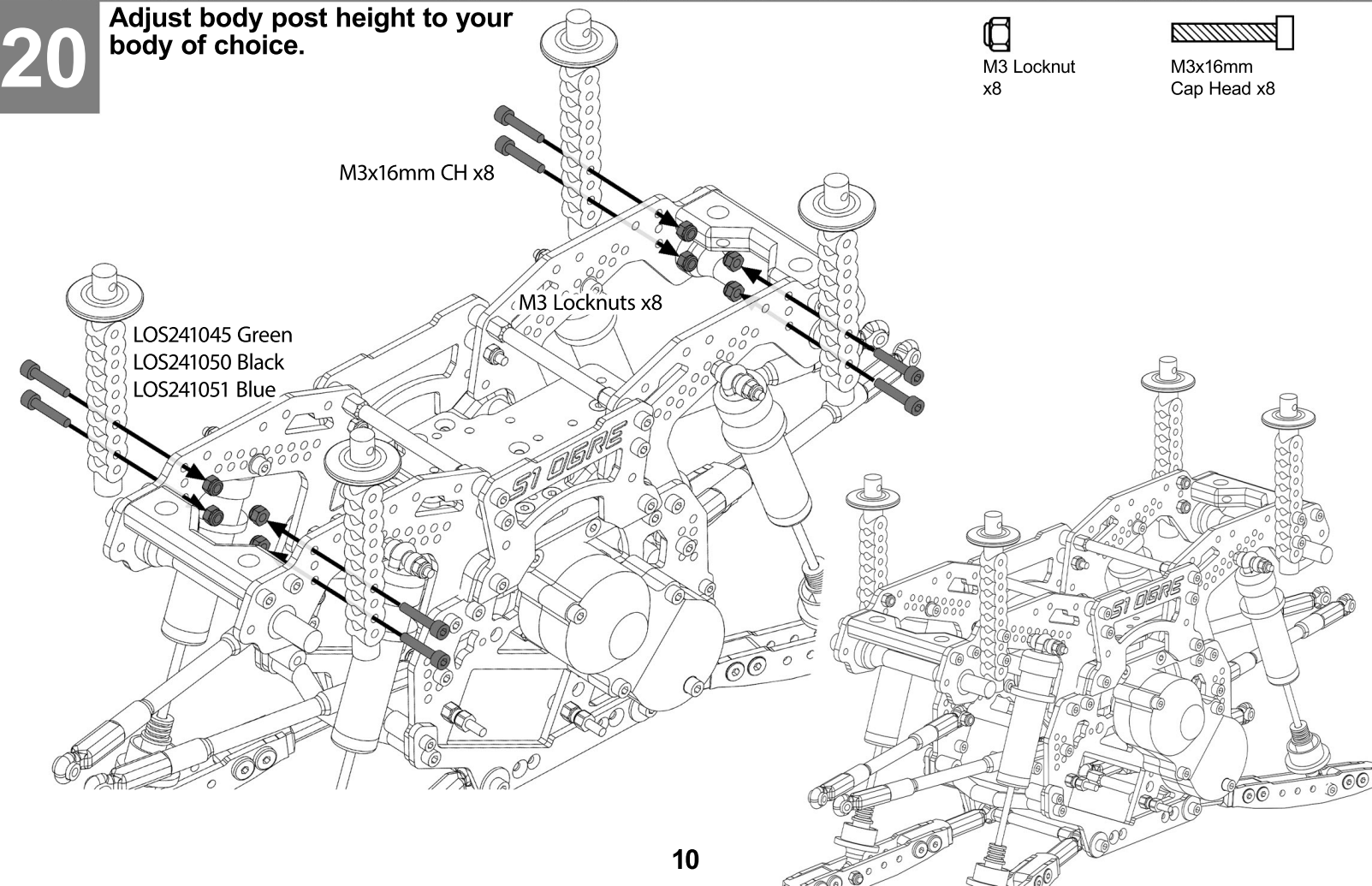
Glue dot in place or slightly crimp on with a pliers.

19



20

Adjust body post height to your body of choice.



21

Attach battery straps x2 and upper links to axles x2.



M3 Locknut x2



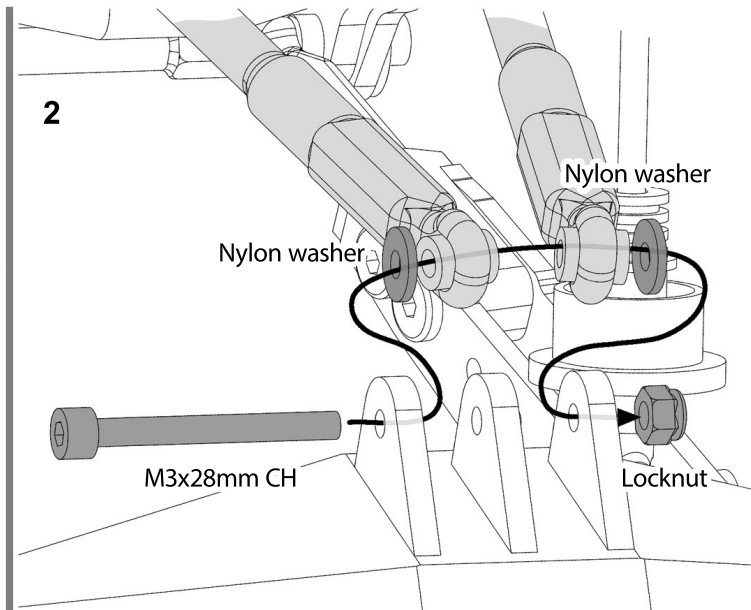
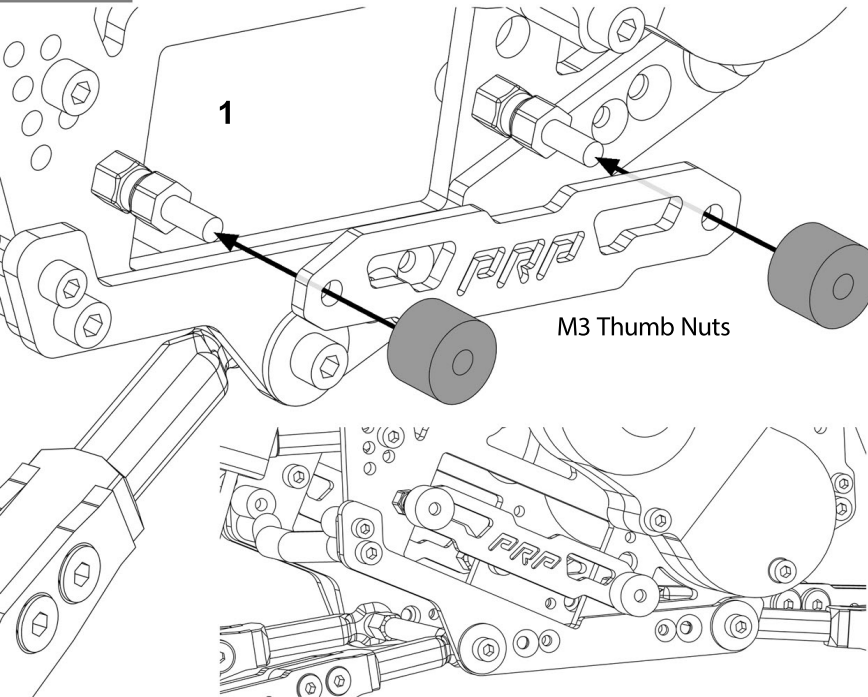
M3x1mm Nylon Washer x4



M3 Thumb Nut x4



M3x28mm Cap Head x2



Tip: Want to remove the washers? Vitavon makes 5.8x8mm long pivot balls that works well with RPM brand m4 Traxxas rod ends.

22

Mount stock drag link behind your servo saver. Place carbon fiber servo spacer behind servo mounting tabs and then install your servo. If your servo saver does not have space to mount the drag link behind it then remove the carbon servo spacer and mount the drag link in front of the saver/arm.



M3 Locknut x1



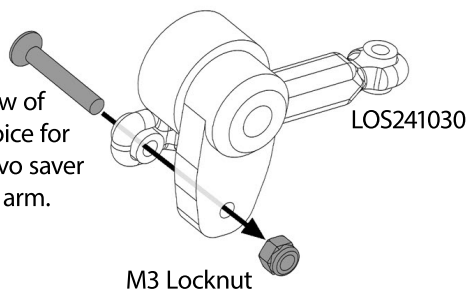
M3 Washer x4



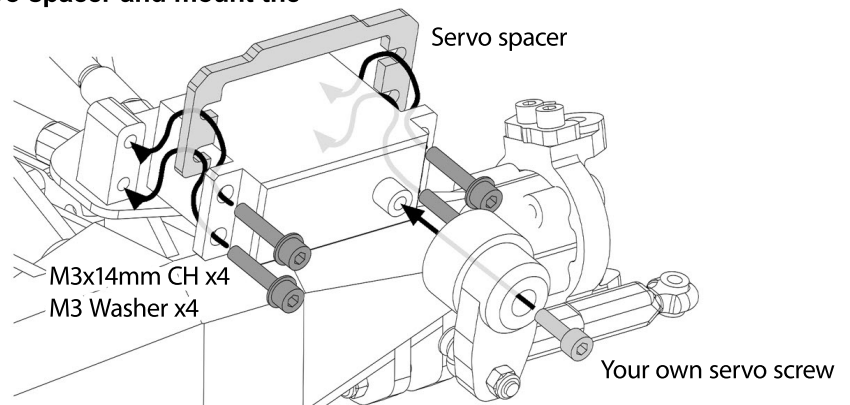
M3x14mm Cap Head x4

1

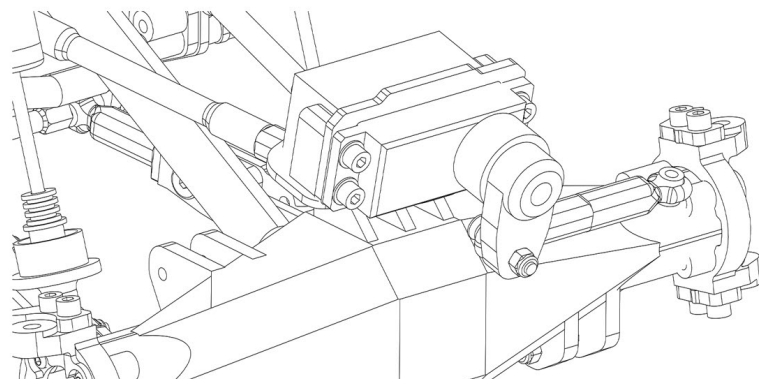
Use screw of your choice for your servo saver or servo arm.



2



Tip: If you have our longer FS Drag Link the servo should be flipped with the output gear on the right/drive side of the chassis.



23

Install Left and Right Titan 10° Caster Blocks with carbon stopper plates.
NOTE!! These were designed to fit perfectly on stock plastic LMT axles. They will need to be modified slightly to fit on aluminum axles. Simply remove a tiny bit of material around the interior screw arcs or file a little off your metal axle.



M3x8mm for V1
 Limiters or M3x10mm
 Cap Head x8 for V2
 Limiters

Flipped servo with FS Drag link shown
 here for reference only

M3x8mm CH x8 for V1
 or M3x10mm CH x8
 for V2 4mm thick
 Limiters.*

LOS255027
 M2.5x16mm x8
 LMT Kit screws**

* V1 Limiters were 3mm
 thick and included
 M3x8mm CH screws.

**M2.5x16mm Cap Head screws with larger 2mm driver hex
 socket head are available to purchase from Team PRP.

10 indicator upright and forward

24

Install x4 85mm length Limit Straps (sold separately)
in the lower limit strap mounting hole on the shock
towers. Without limit straps you can risk drive shaft
separation.



M3 hex Nut
 x4



M3 Locknut
 x8



M3x20mm
 Cap Head x4



M3x12mm
 Cap Head x4

1

M3 Hex Nut x4
 M3 Locknut x4
 M3x12mm CH x4

Aftermarket limit strap 85mm

2

Limit strap can also be mounted
 in upper hole on the outside. Or
 purchase our mount extensions
 which include 5 limit strap mounting
 locations for fine tuning droop!

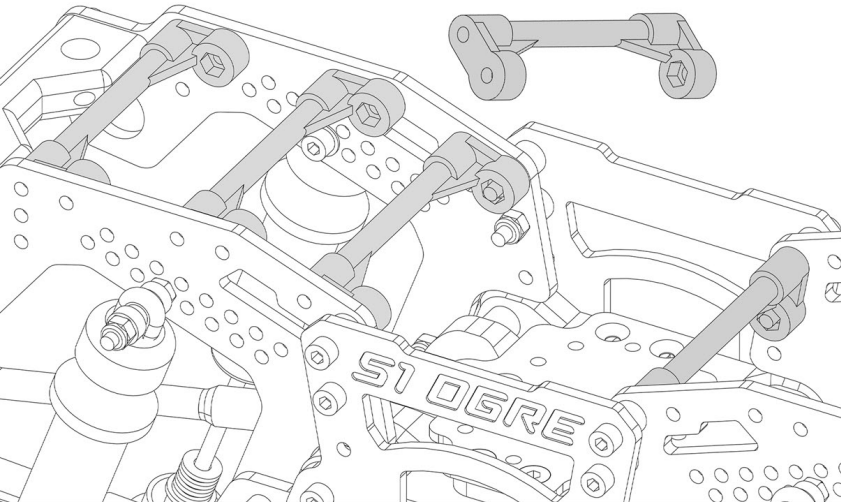
M3 Locknut x4

M3x20mm CH x4

Hey you! You can install your
 sway bars now too.

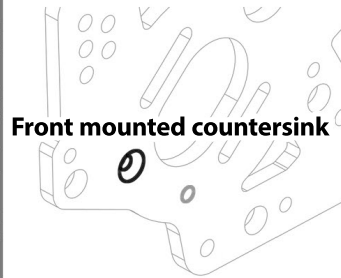
MOUNTING OPTIONS

60x10 Cross brace location options

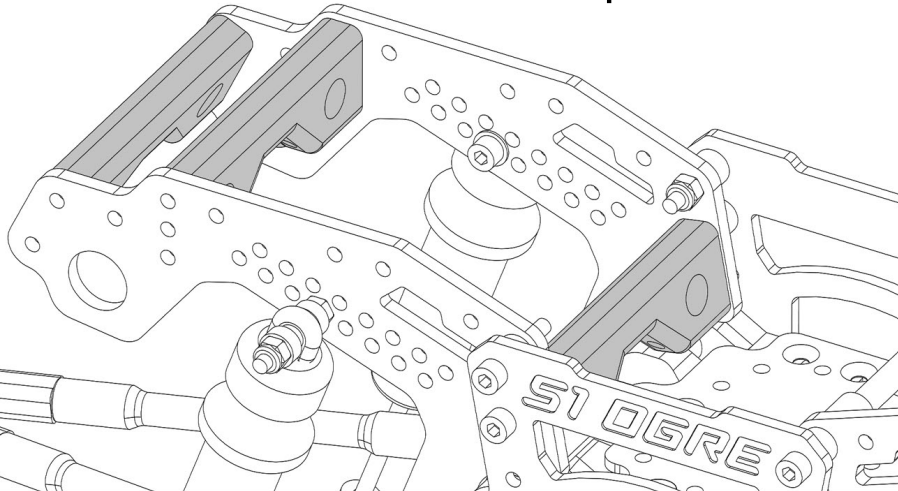


Front or Rear Motor setup option:

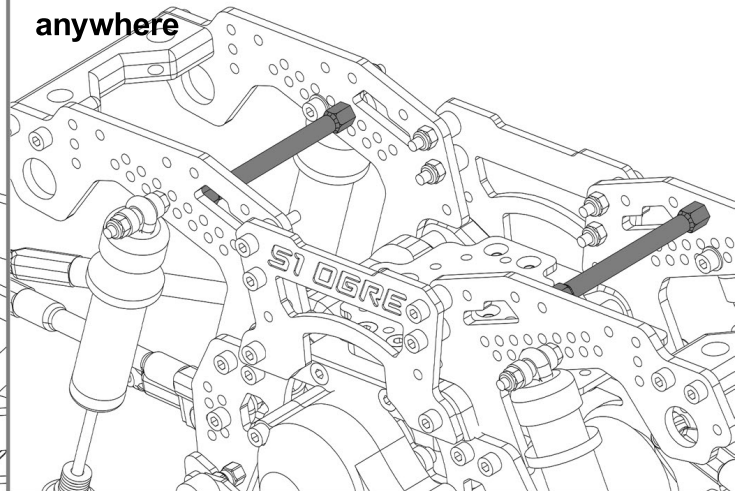
If your motor side plate has two M2.5 countersunk gear box mounting holes this means you can flip the plates around and run a rear motor setup **without** changing motor direction on the ESC. The build instructions will not match to a rear motor setup. So, you will need to figure out the build. The G10 "skid rails" will need mods too. You can figure out your own custom setup or you can flip them to the opposite sides of the chassis and cut the end off the G10 skid rail that wraps under the gear box housing.



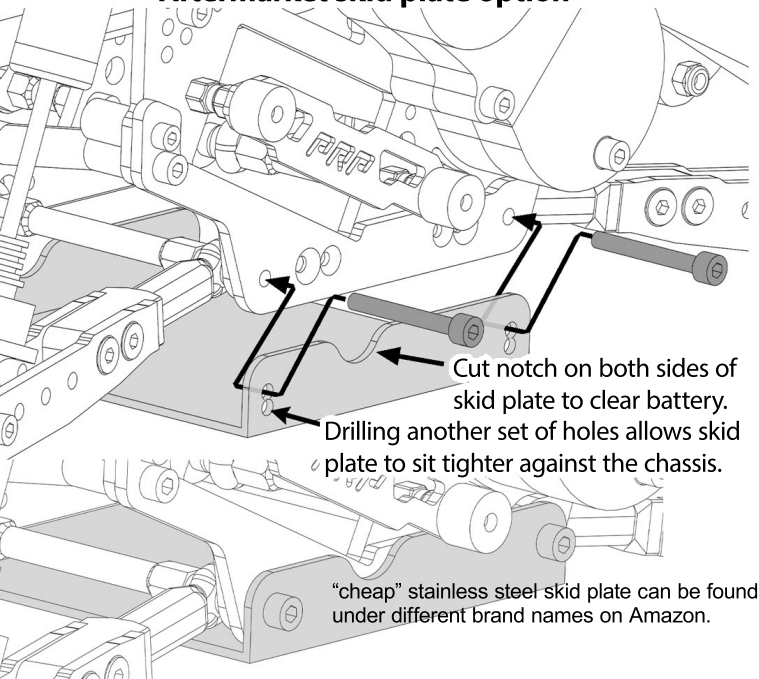
60x12 Cross brace location options



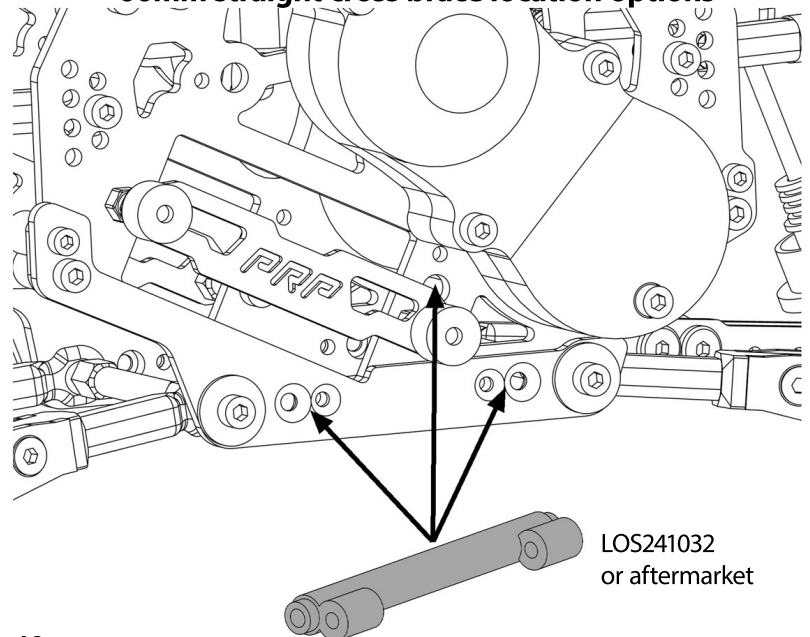
60mm cross braces can be mounted anywhere



Aftermarket skid plate option



66mm straight cross brace location options



Congratulations! You've just built one of the most advanced kits ever made for the Losi LMT Monster Truck.

Check our shop at teamprp.bigcartel.com for option part updates and new releases and to contact us for spare parts and extra hardware.

Please tag us [@teamprpracing](https://www.instagram.com/teamprpracing) to share your builds and race videos! We may feature them on our social media.

Thank you for supporting us and thank you for racing with **Team PRP**!

*Best!
Ben*



Download setup sheet



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