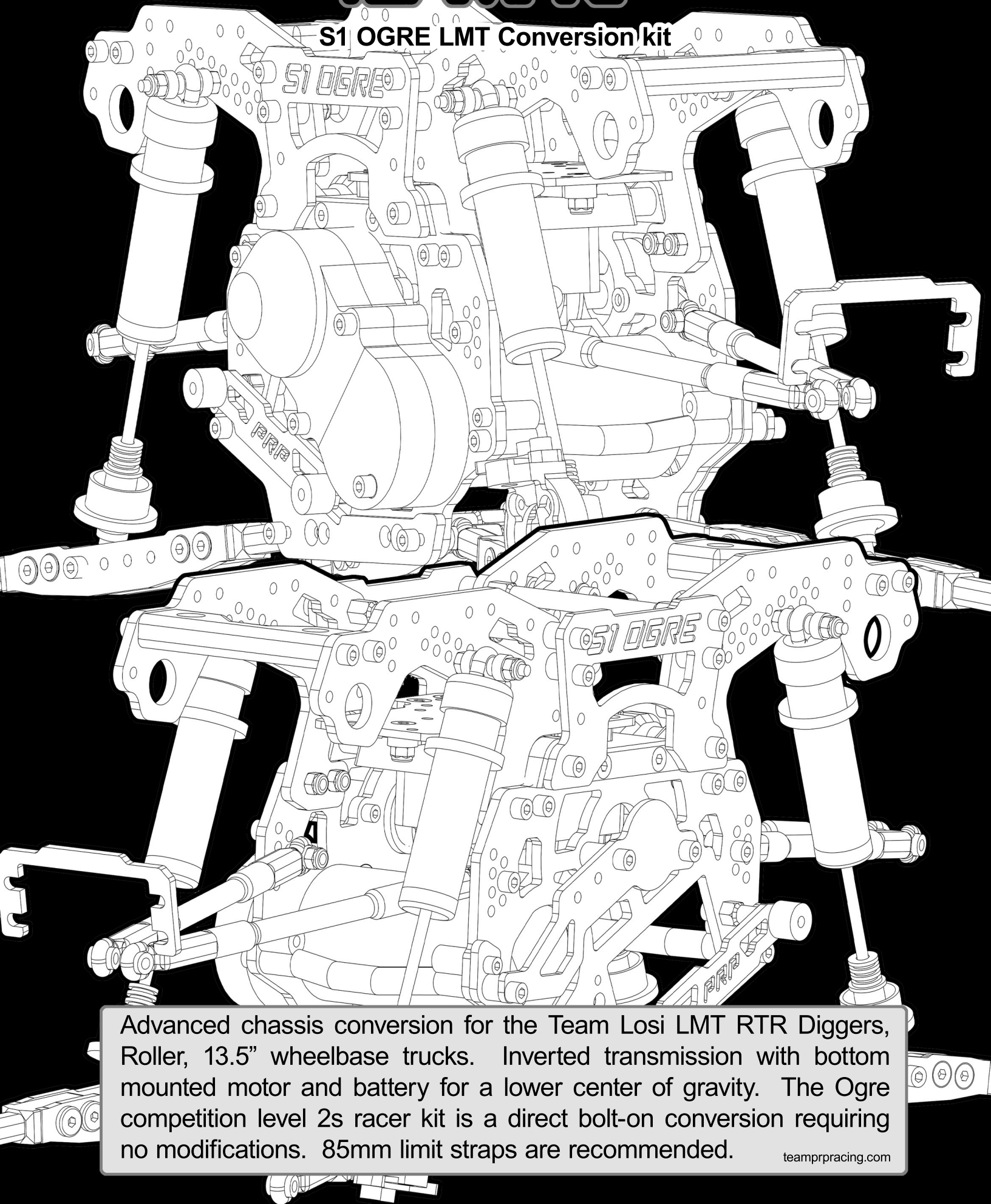


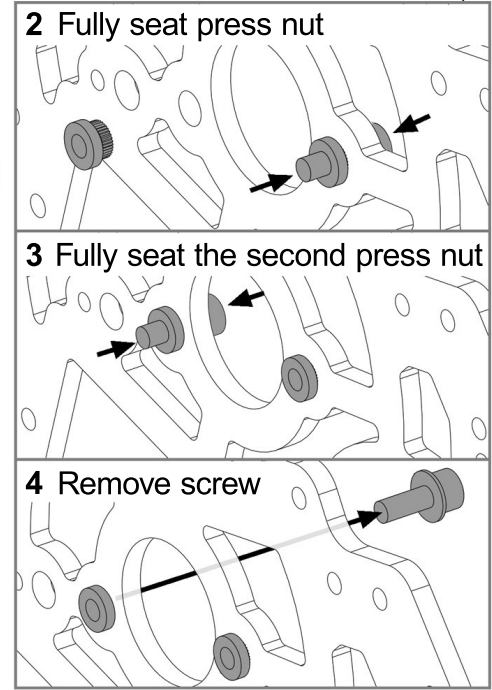
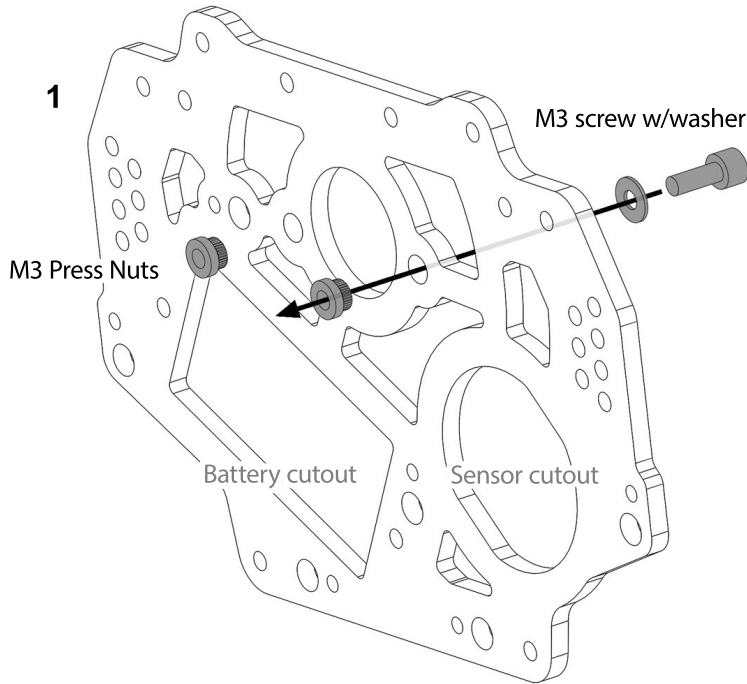
# TEAMPRP

## S1 OGRE LMT Conversion kit

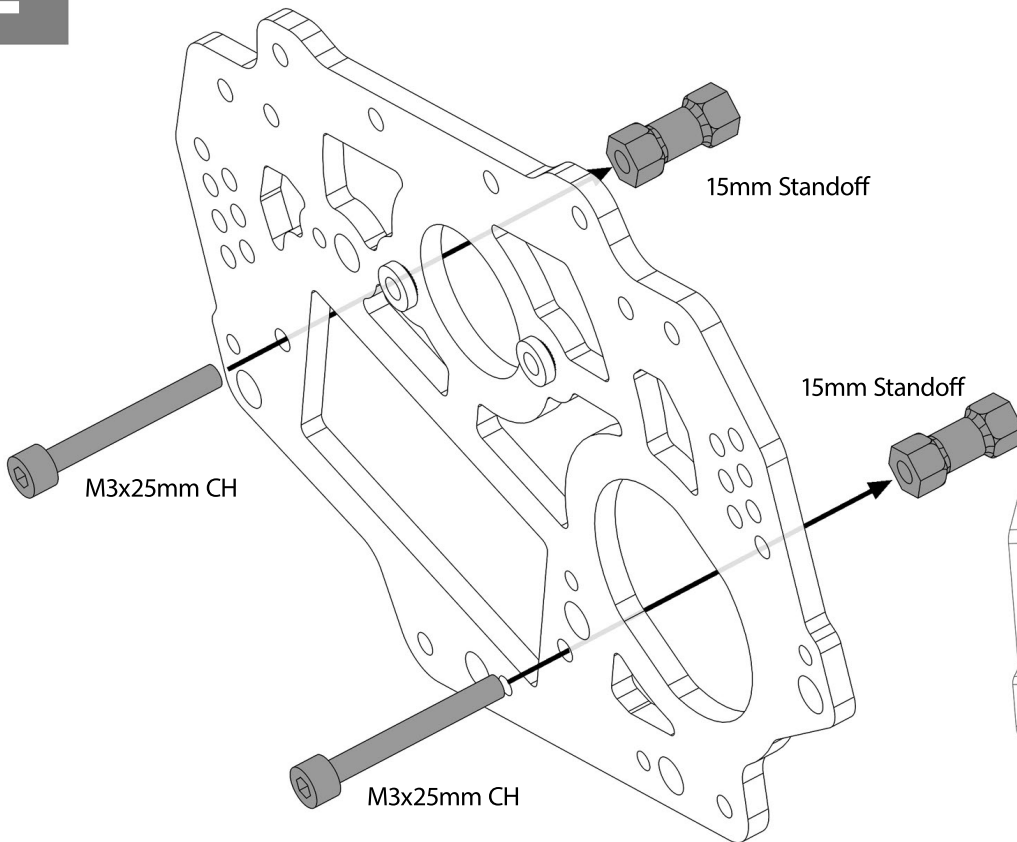


Advanced chassis conversion for the Team Losi LMT RTR Diggers, Roller, 13.5" wheelbase trucks. Inverted transmission with bottom mounted motor and battery for a lower center of gravity. The Ogre competition level 2s racer kit is a direct bolt-on conversion requiring no modifications. 85mm limit straps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

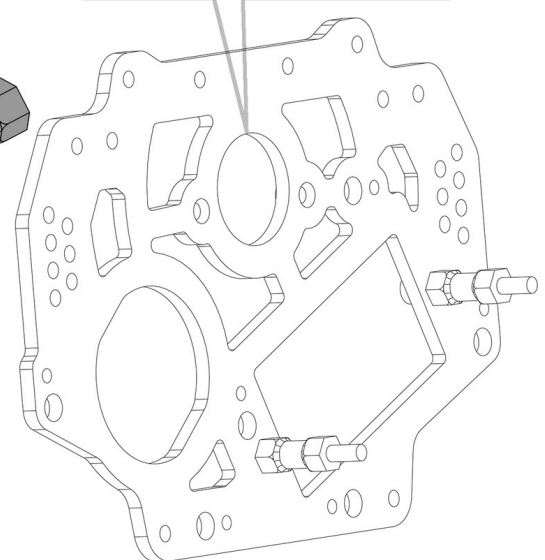
**1** Install press nuts into non-drive / left side plate.  
**!!Note chassis orientation!!**  
 Tighten a small screw with washer into the press nuts through the chassis to fully seat the press nuts.



**2** Install Left side battery strap posts

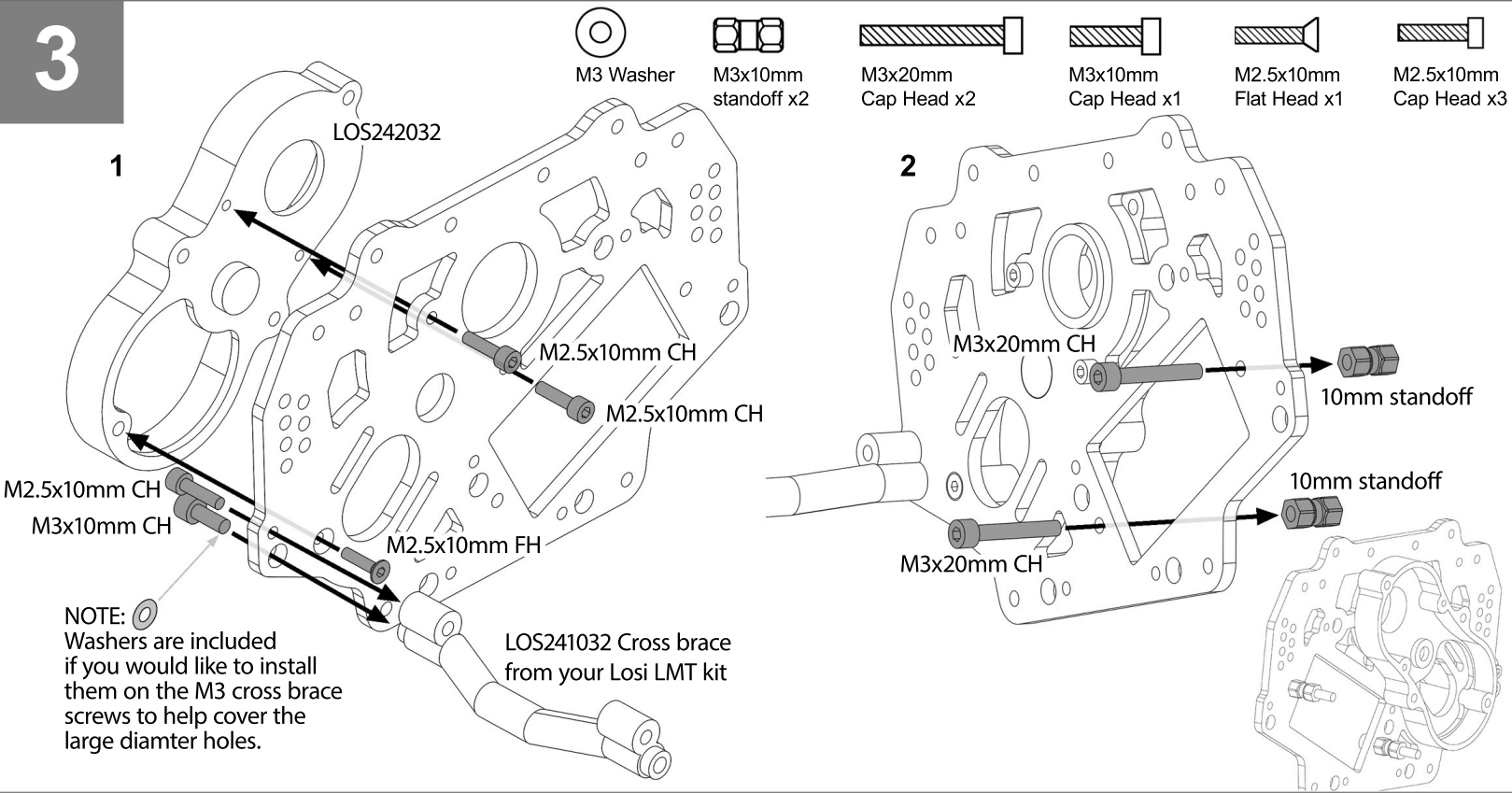


**!! Wire tunnel: Bevel the edges as to not have the carbon cut into your wires !!**  
**Any areas that place pressure on wires should be beveled.**  
 See Step 5 to plan wiring.

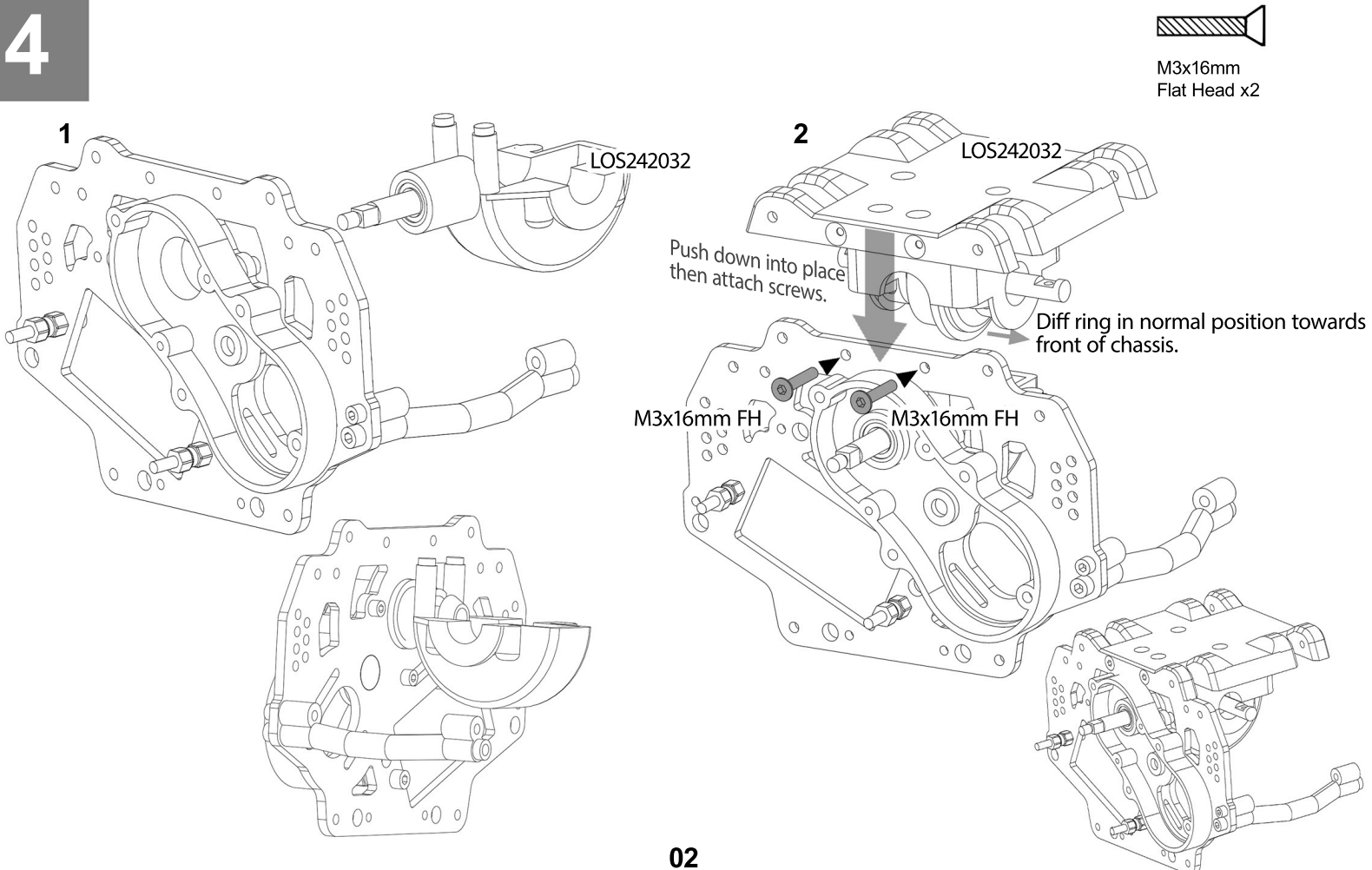




### 3

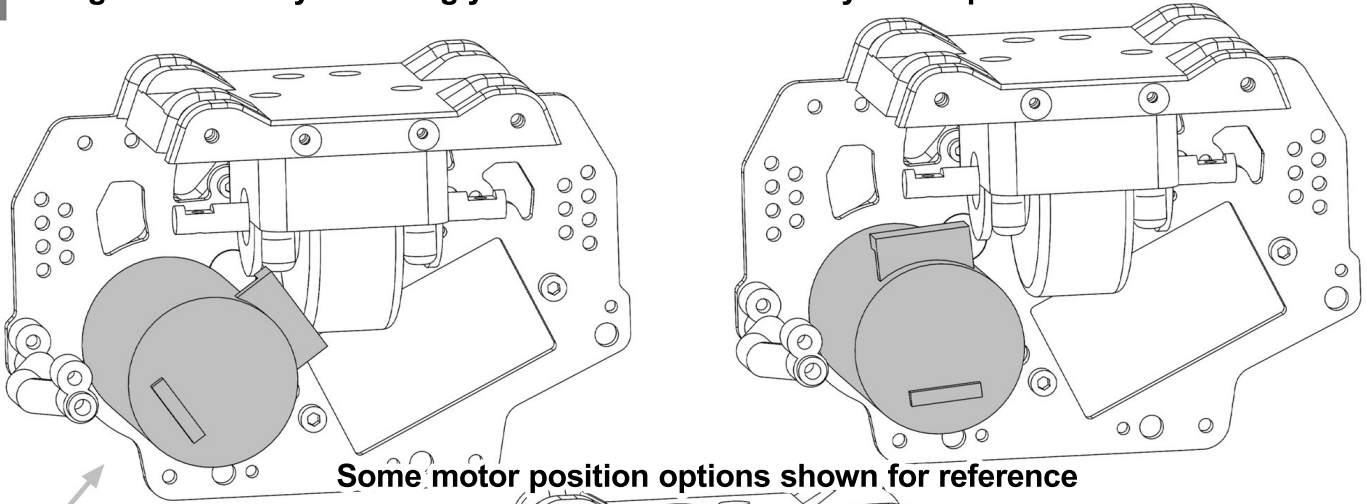


### 4



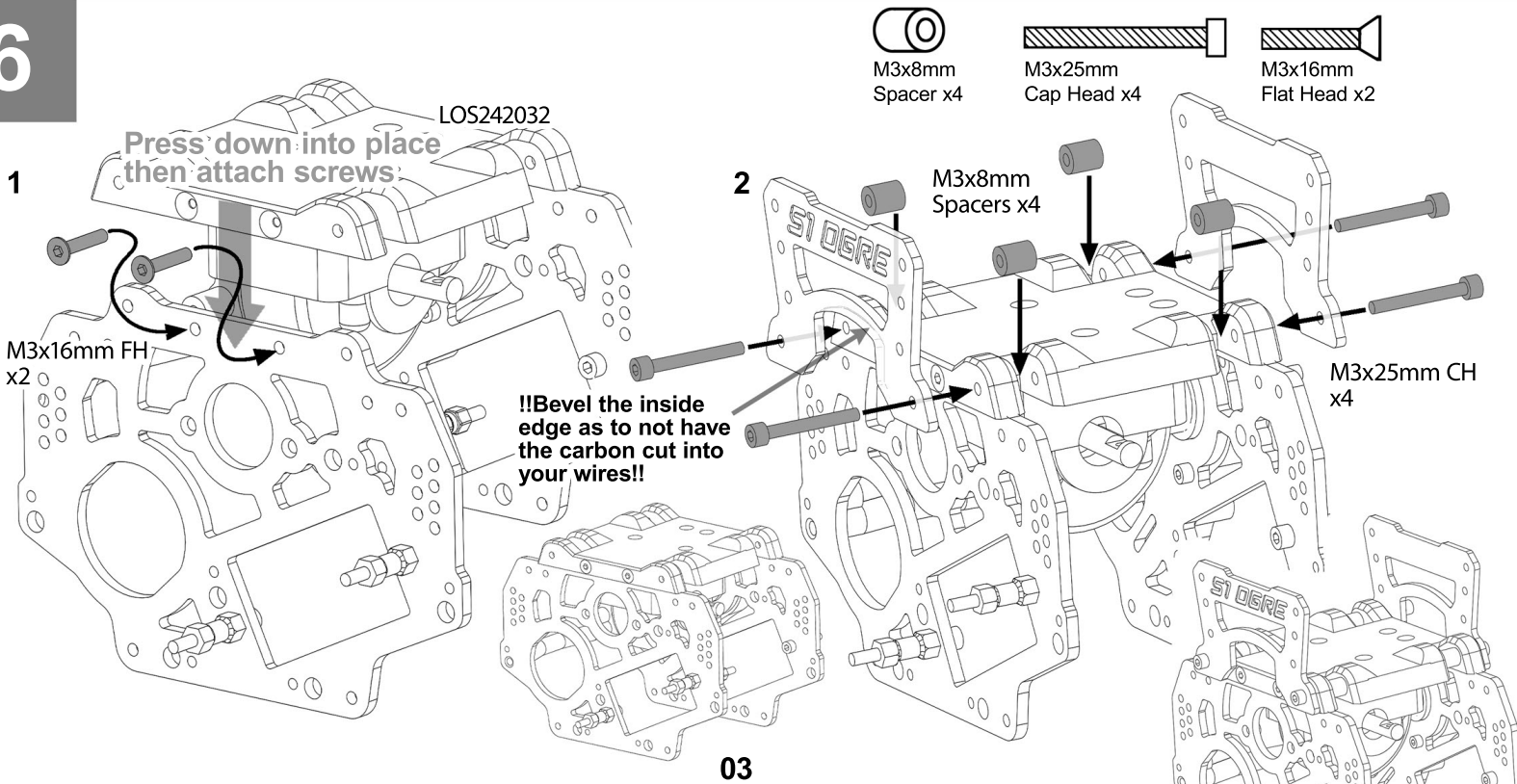
### 5

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.











My Tekin Pro 4 HD 550 is usually in this position.

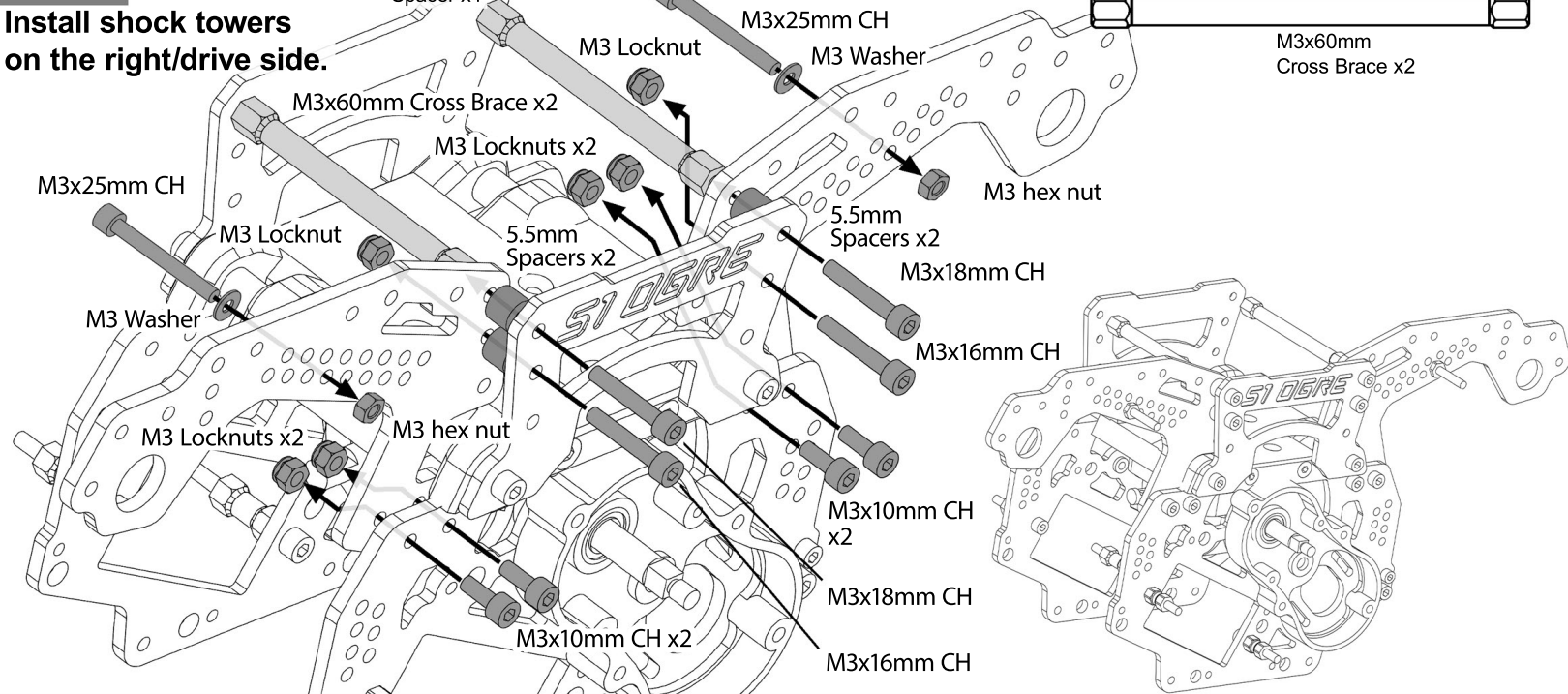
### 6











### 7

-   
 M3 Hex Nut  
x2
-   
 5.5mm  
Plastic  
Spacer x4
-   
 M3 Locknut  
x6
-   
 M3 Washer x2
-   
 M3x25mm  
Cap Head x2
-   
 M3x18mm  
Cap Head x2
-   
 M3x16mm  
Cap Head x2
-   
 M3x10mm  
Cap Head x4

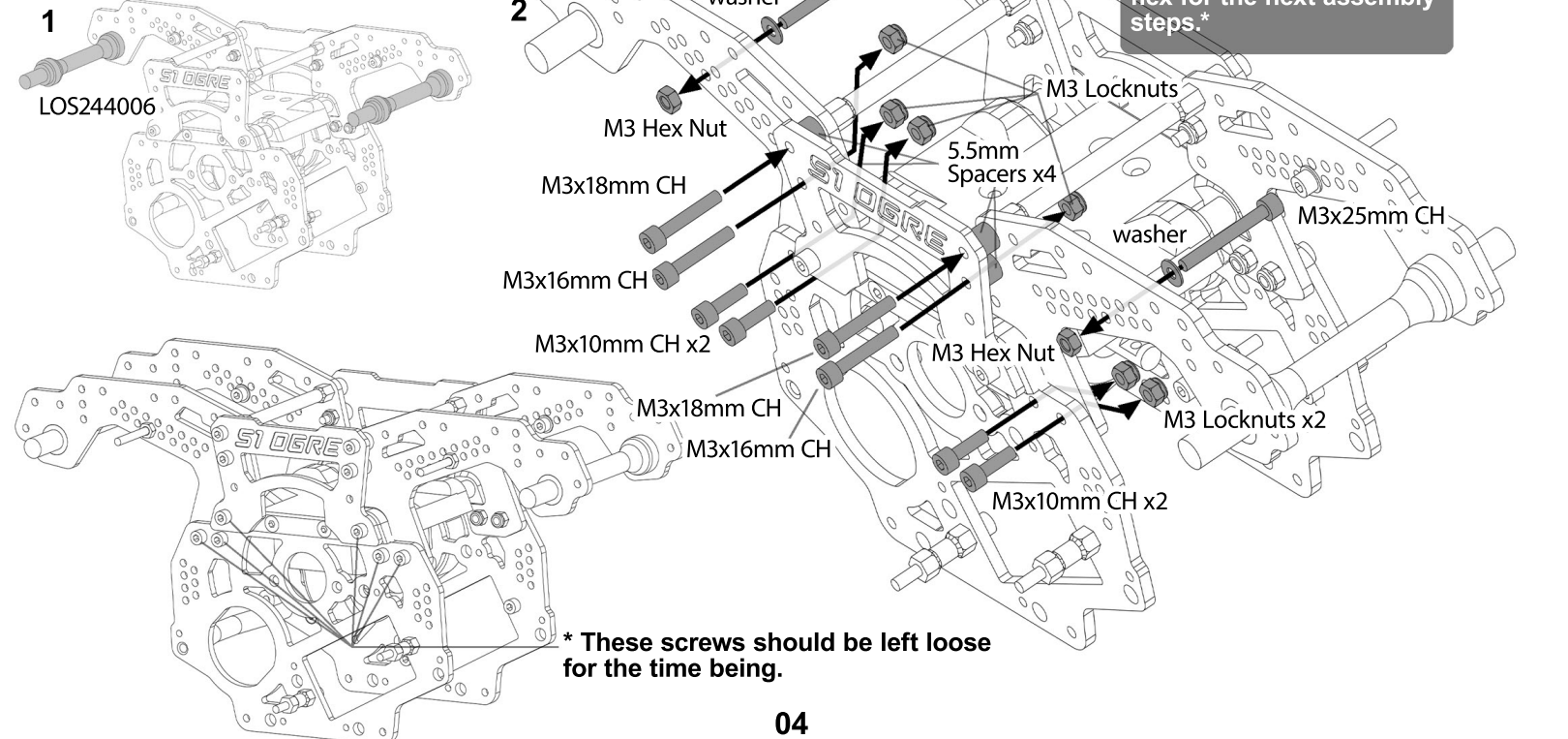
**Install shock towers on the right/drive side.**



### 8

-   
 M3 Hex Nut  
x2
-   
 5.5mm  
Plastic  
Spacer x4
-   
 M3 Locknut  
x6
-   
 M3 Washer x2
-   
 M3x25mm  
Cap Head x2
-   
 M3x18mm  
Cap Head x2
-   
 M3x16mm  
Cap Head x2
-   
 M3x10mm  
Cap Head x4

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

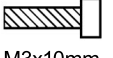


### 9

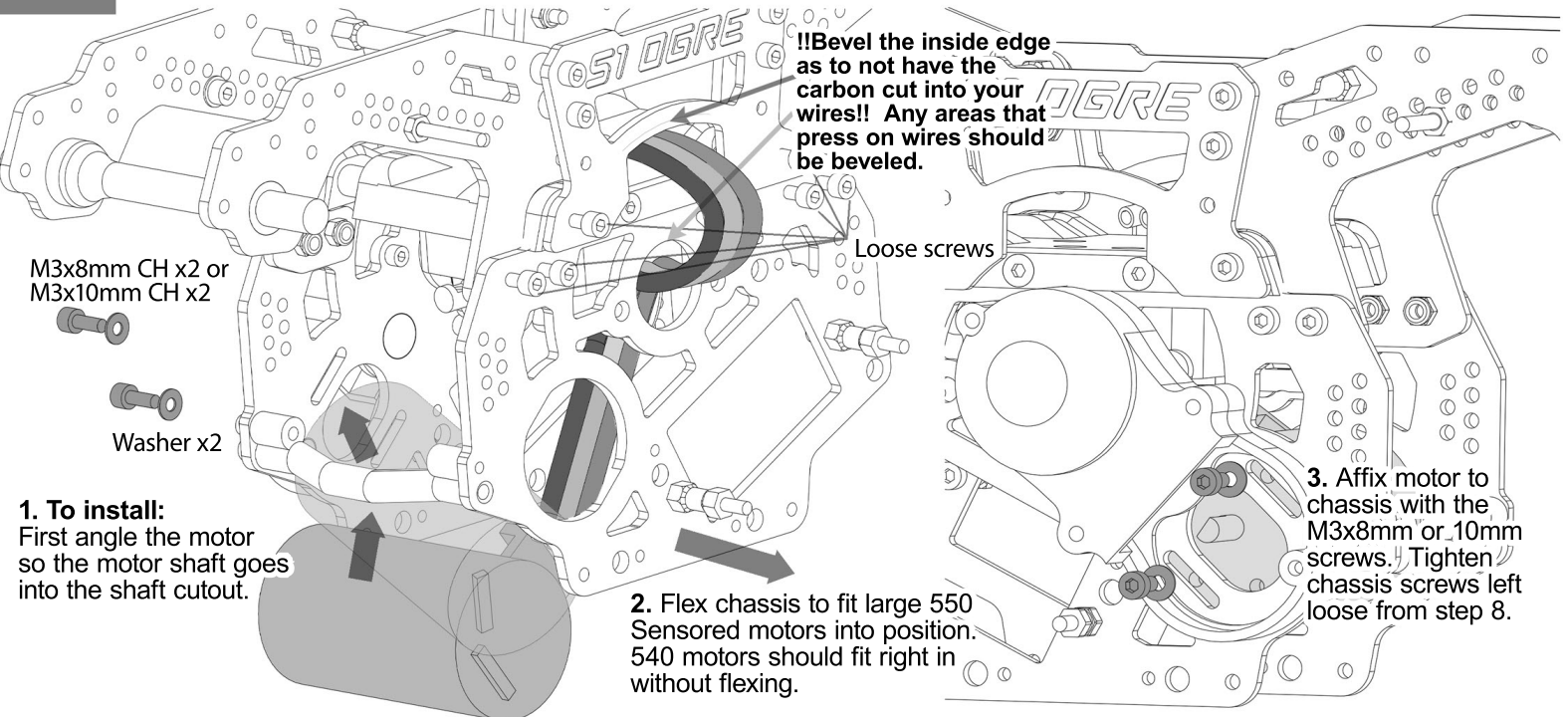
First solder wires onto your motor according to your plan (Step 5) and choose your wire routing method. Install motor into chassis referencing these 3 install steps.



M3 Washer  
x2



M3x10mm  
Cap Head x2



**1. To install:**

First angle the motor so the motor shaft goes into the shaft cutout.

**2. Flex chassis to fit large 550 Sensored motors into position. 540 motors should fit right in without flexing.**

**3. Affix motor to chassis with the M3x8mm or 10mm screws. Tighten chassis screws left loose from step 8.**

### 10

**Cross brace, skid rail and wire cover install**



M3x5.5mm  
Spacer x1



M3x8mm  
Spacer x2



M3x18mm  
Cap Head x1



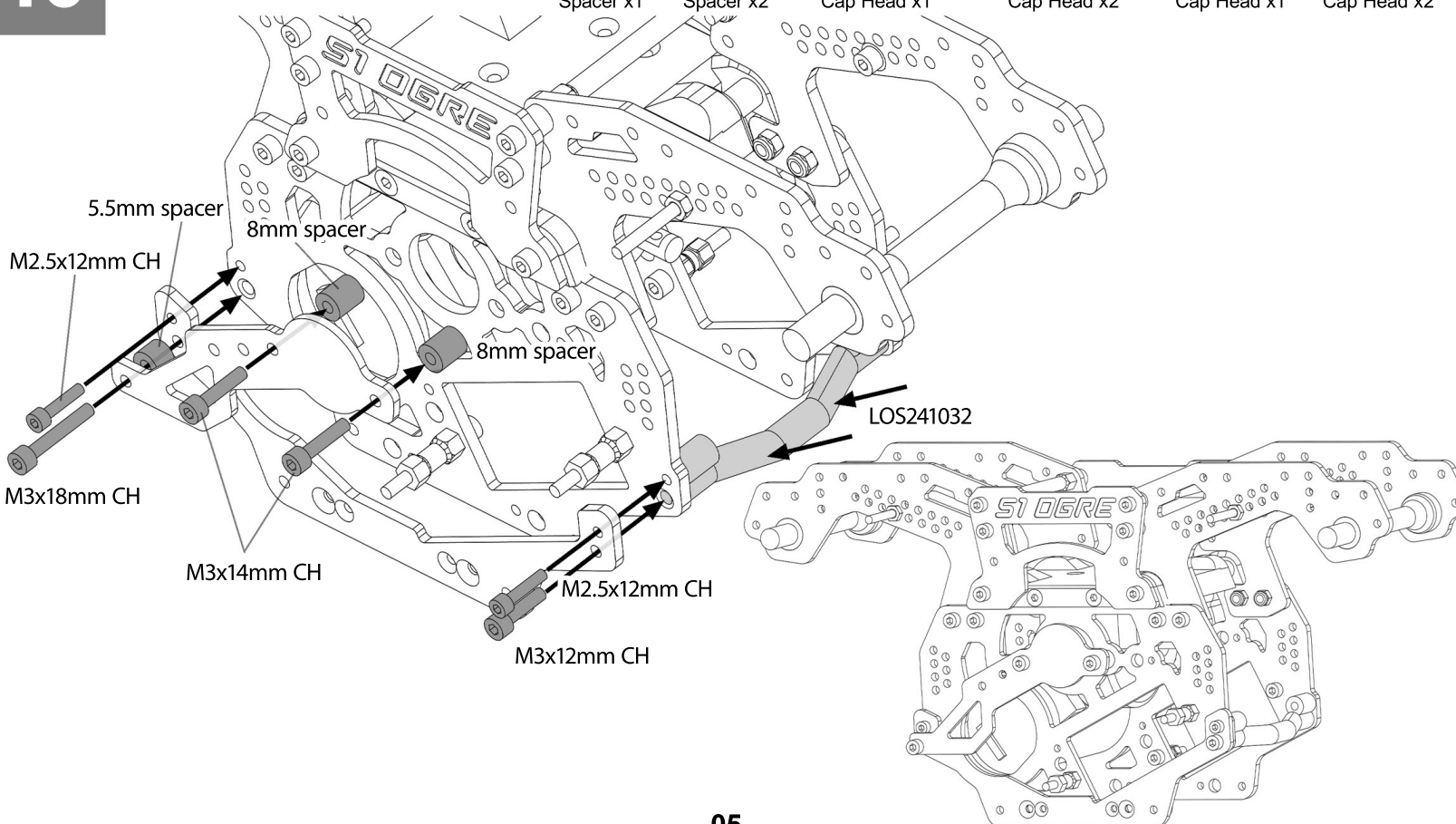
M3x14mm  
Cap Head x2



M3x12mm  
Cap Head x1



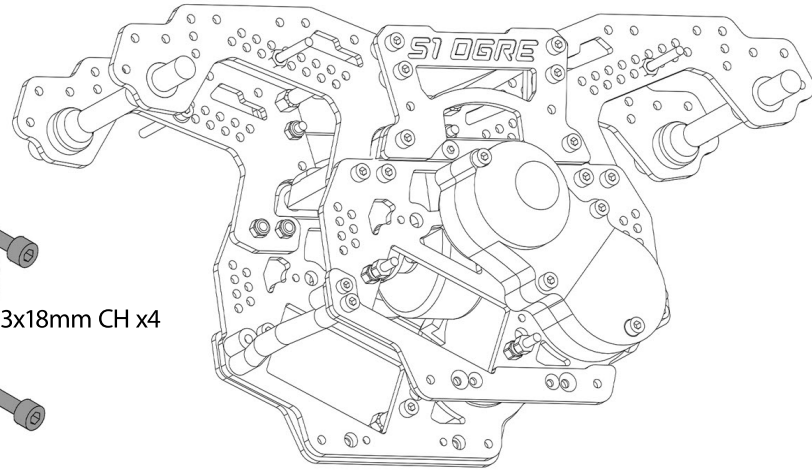
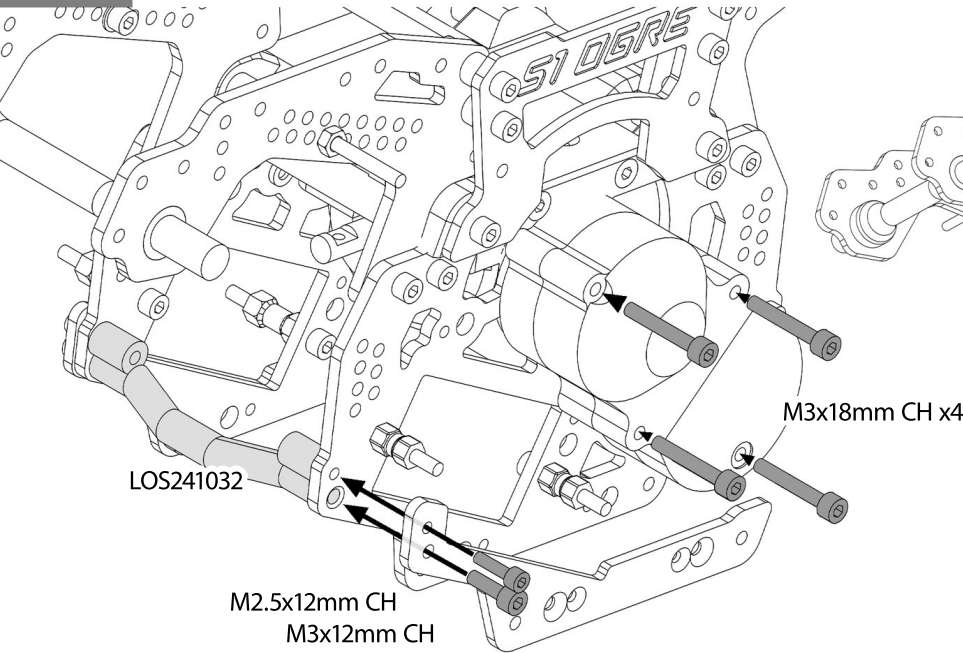
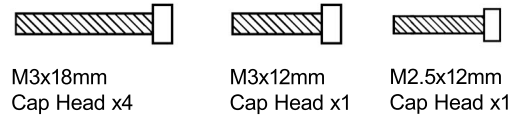
M2.5x12mm  
Cap Head x2





### 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.

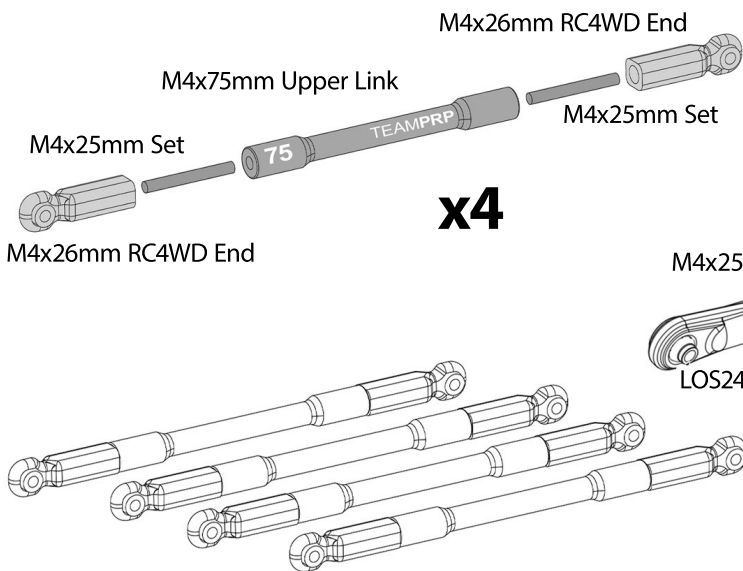


### 12

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.

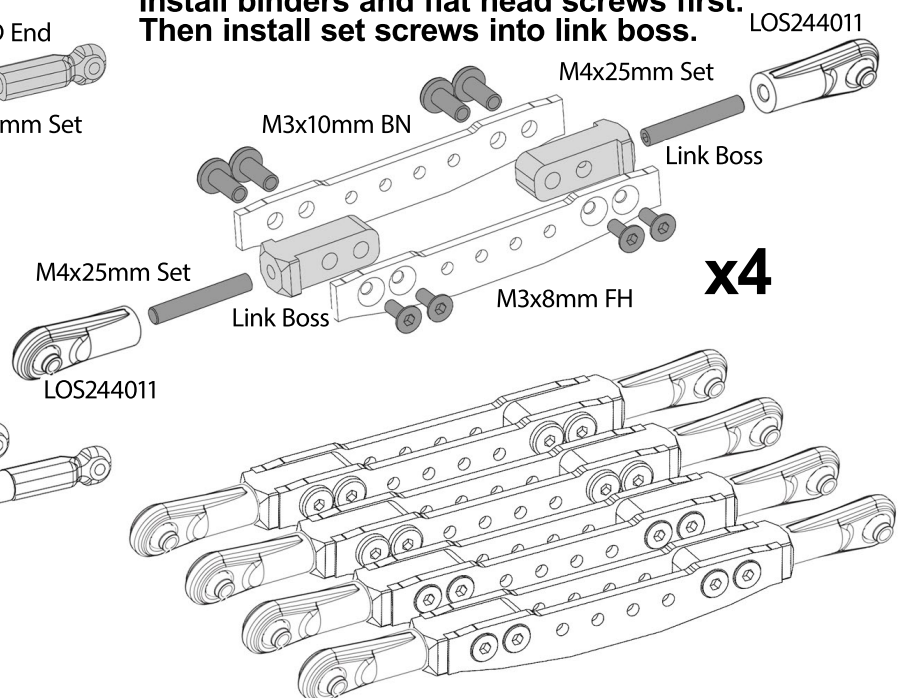


#### 1 Upper links x4



#### 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.



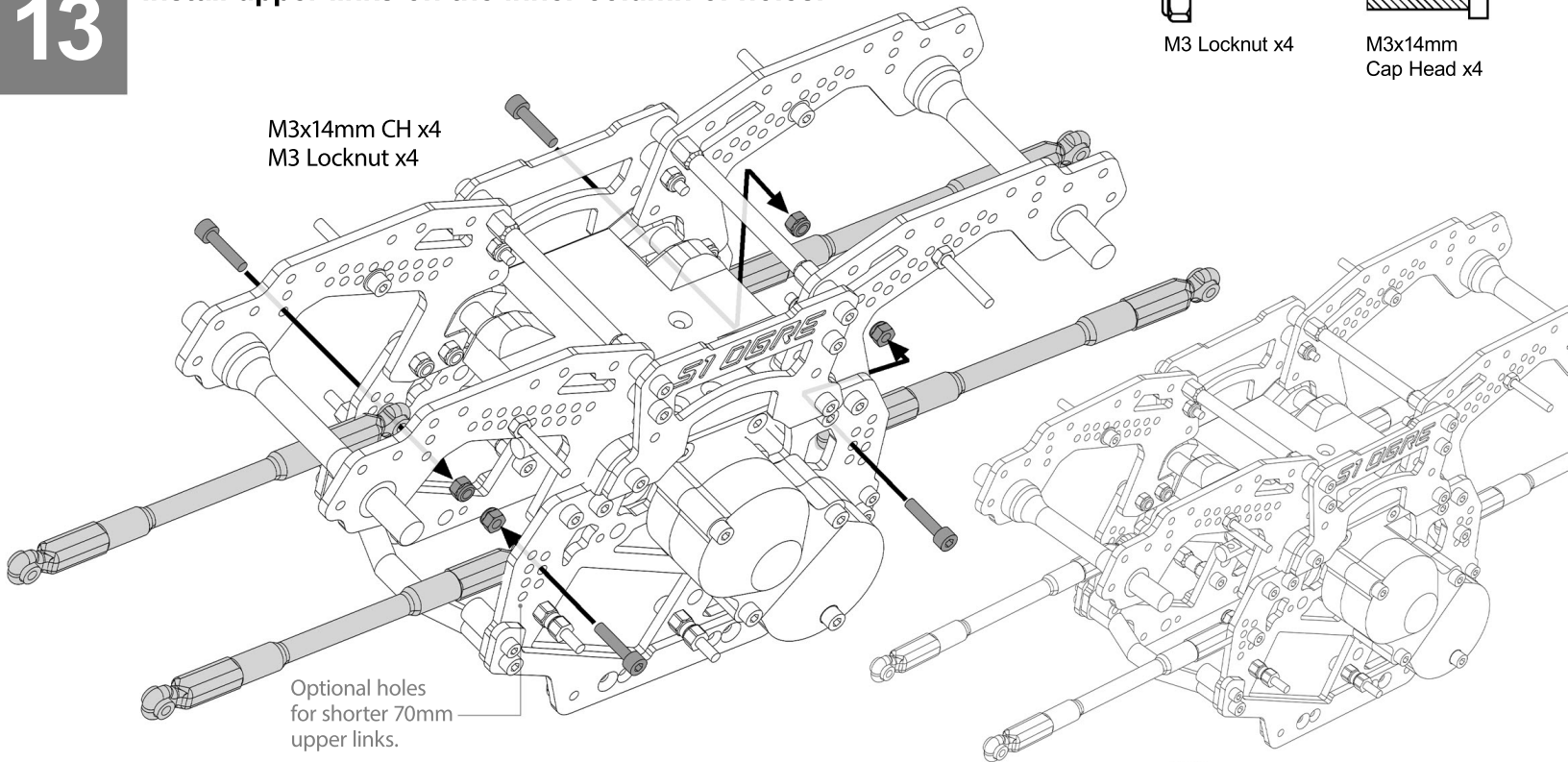
M3 Locknut x4



M3x14mm  
Cap Head x4

M3x14mm CH x4  
M3 Locknut x4

Optional holes  
for shorter 70mm  
upper links.

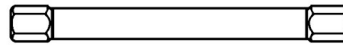


### 14

Install lower trailing arms.



M3x2.5 Spacer  
x4



M3x45mm Standoff x2



M3x12mm  
Fender Washer x4



M3x25mm  
Cap Head x4

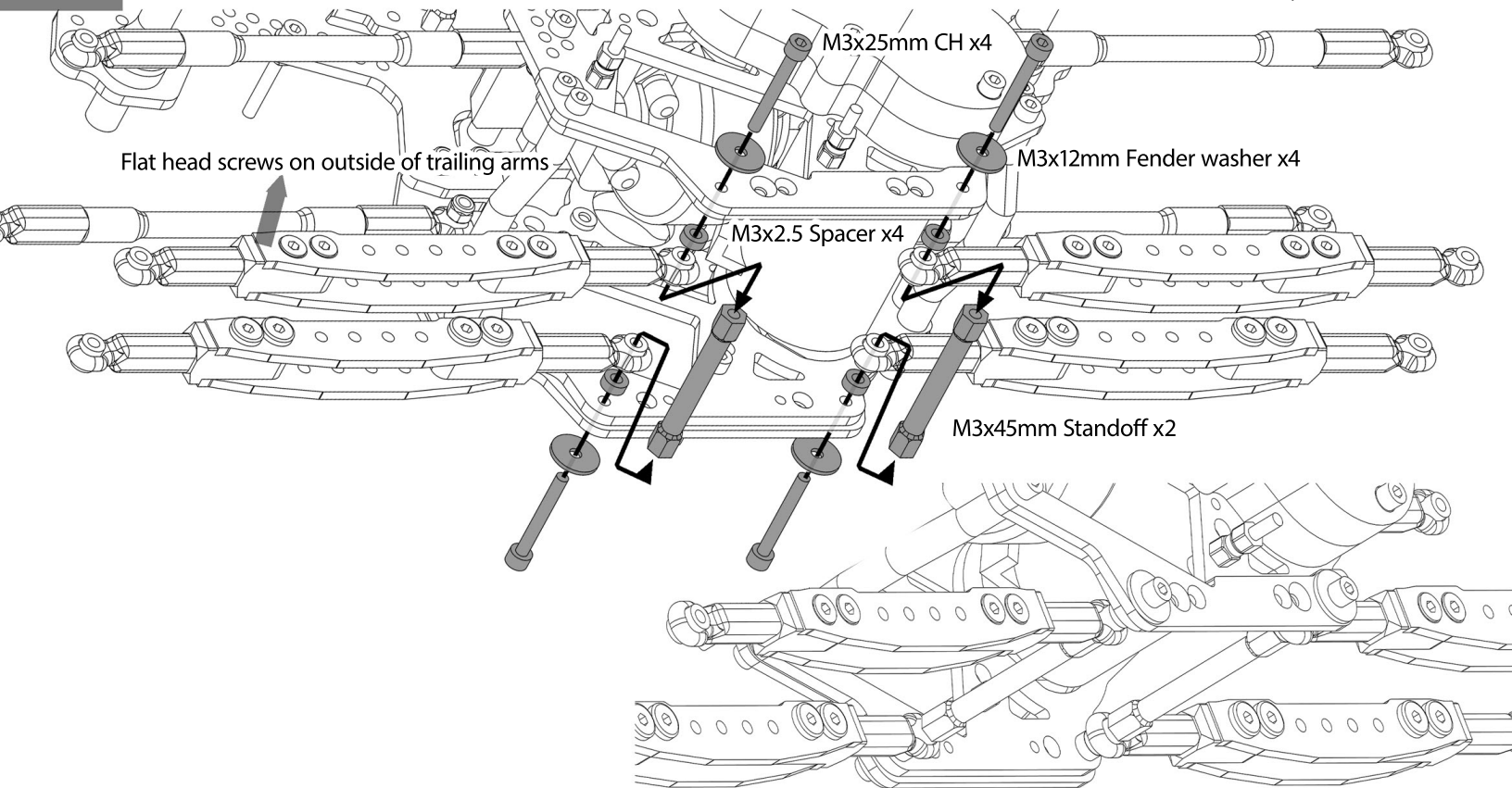
Flat head screws on outside of trailing arms

M3x25mm CH x4

M3x12mm Fender washer x4

M3x2.5 Spacer x4

M3x45mm Standoff x2





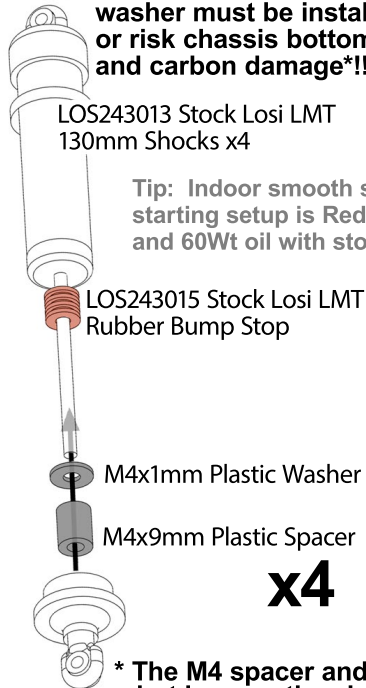
### 15

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

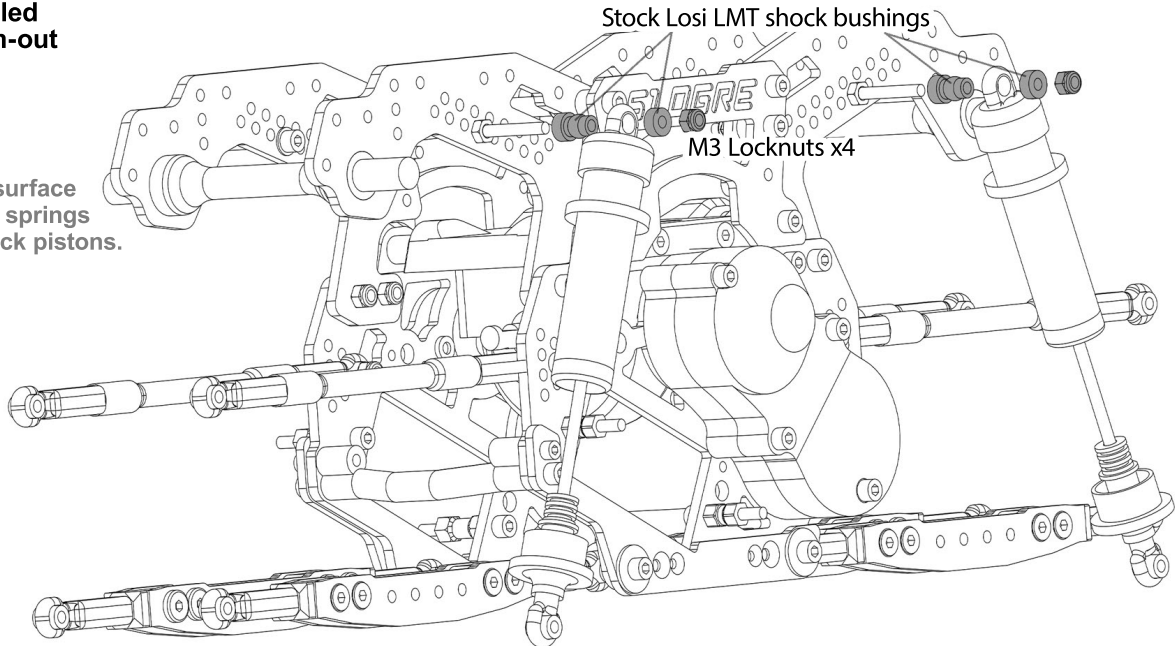
**1 !!M4x9mm spacer and washer must be installed or risk chassis bottom-out and carbon damage\*!!**

#### 2 Attach shocks to towers x4.

-  M3 Locknut x4
-  M4x10mm Plastic Washer x4
-  M4x9mm Plastic Spacer x4



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

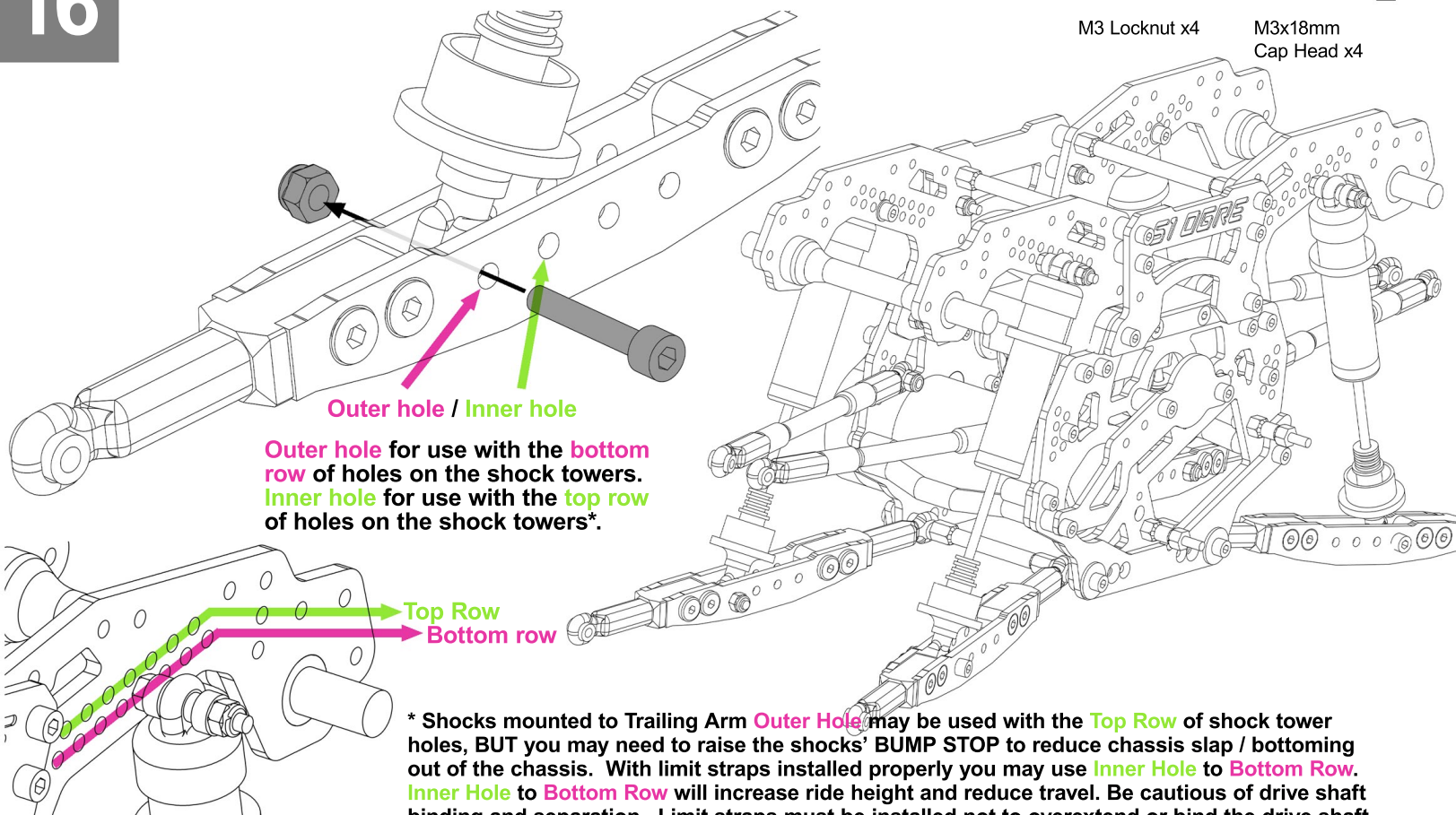


\* The M4 spacer and M4 washer combine to create the "bump stop riser" and you may tune the length but be sure the chassis does not bottom out, especially on rough surfaces.

### 16

#### Install shock bottoms to trailing arms x4.

-  M3 Locknut x4
-  M3x18mm Cap Head x4



\* 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.



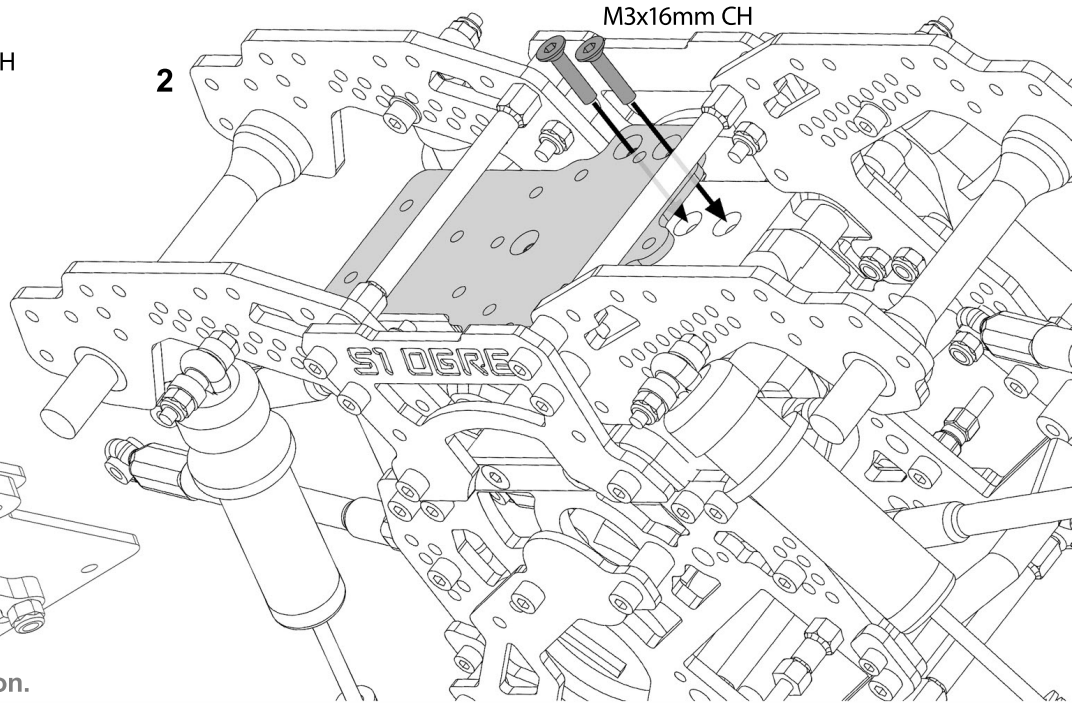
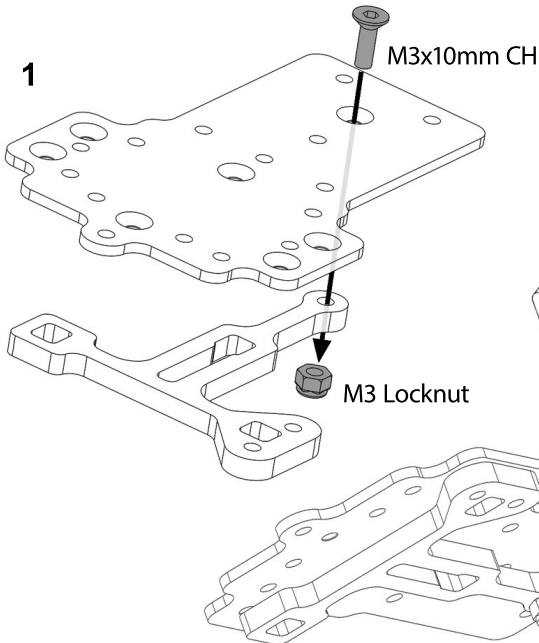
M3 Locknut



M3x16mm Flat Head x2



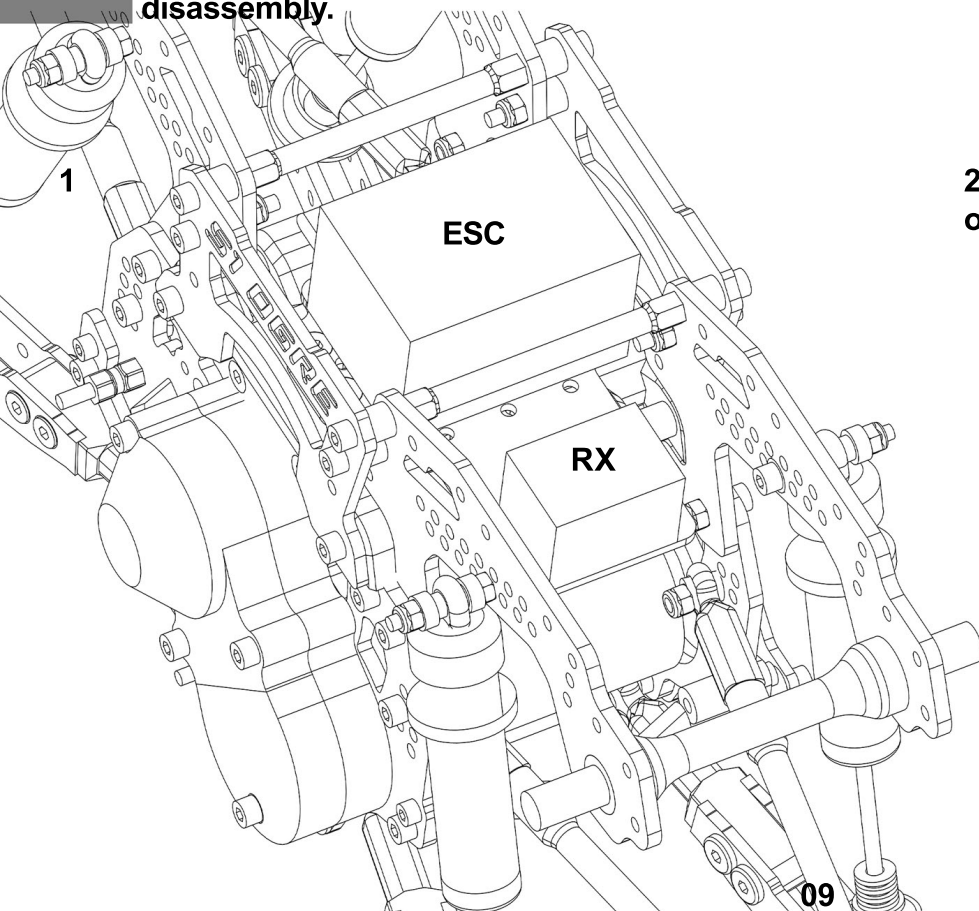
M3x10mm Flat Head



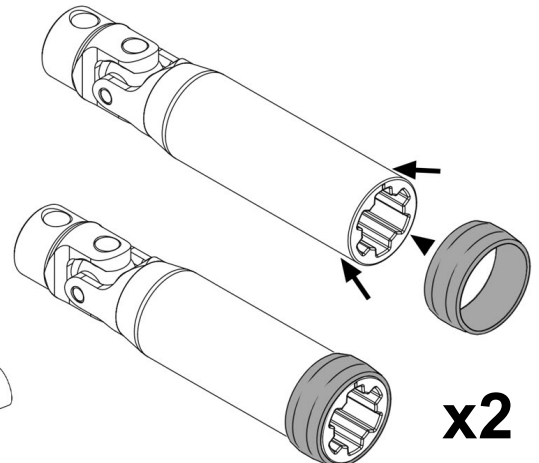
More electronics trays options coming soon.

# 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.



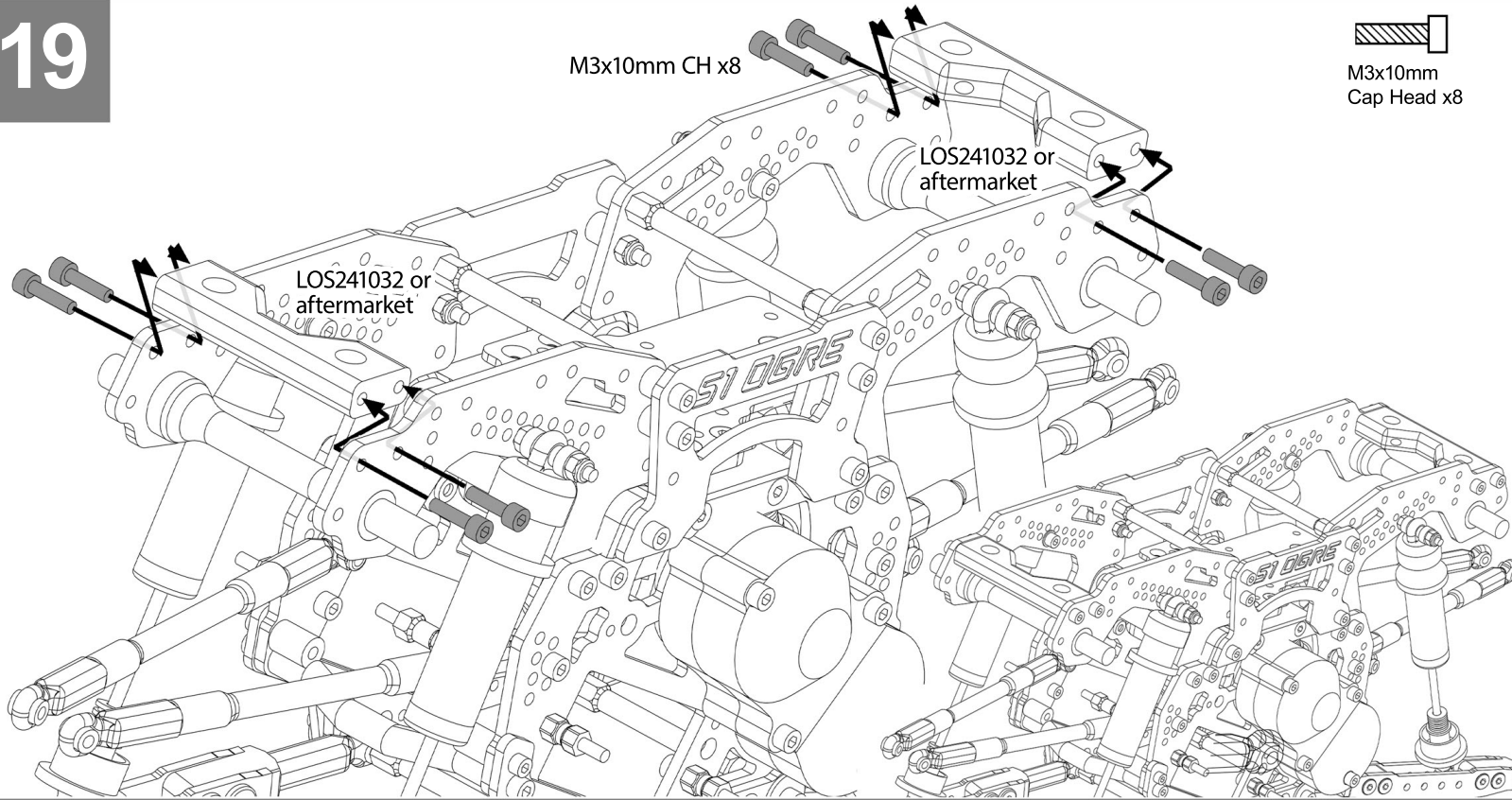
2 Install support ring at the end of the drive shafts.



x2

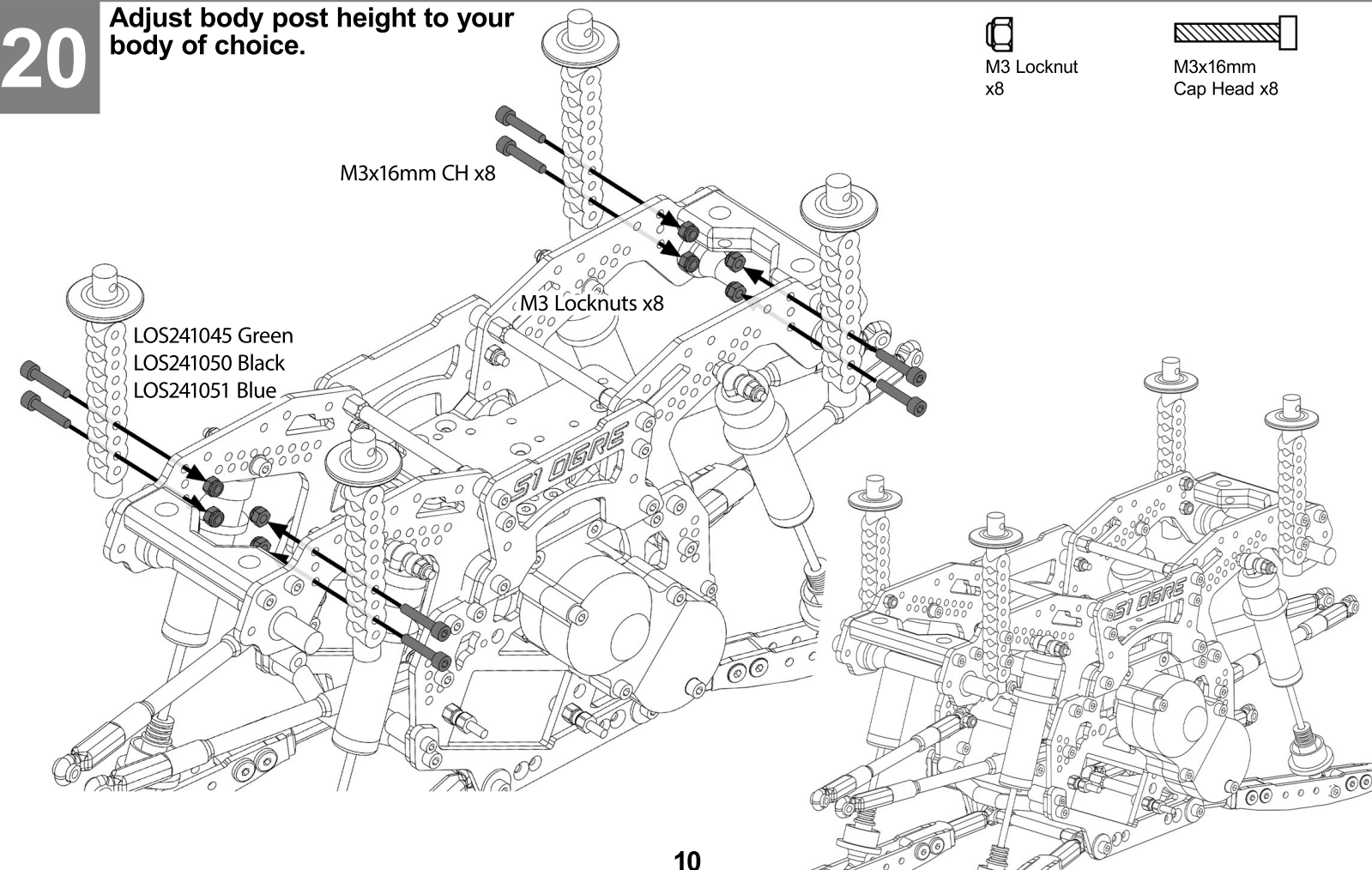
Glue dot in place or slightly crimp on with a pliers.

19







20

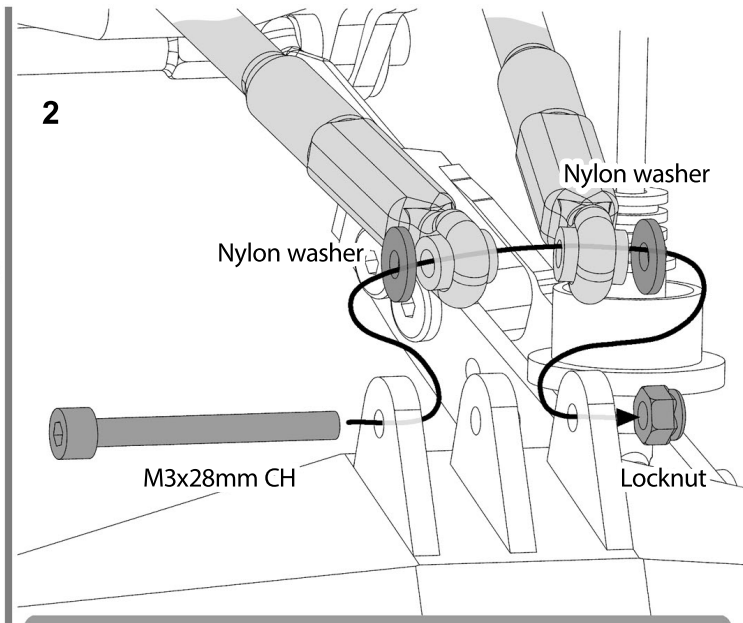
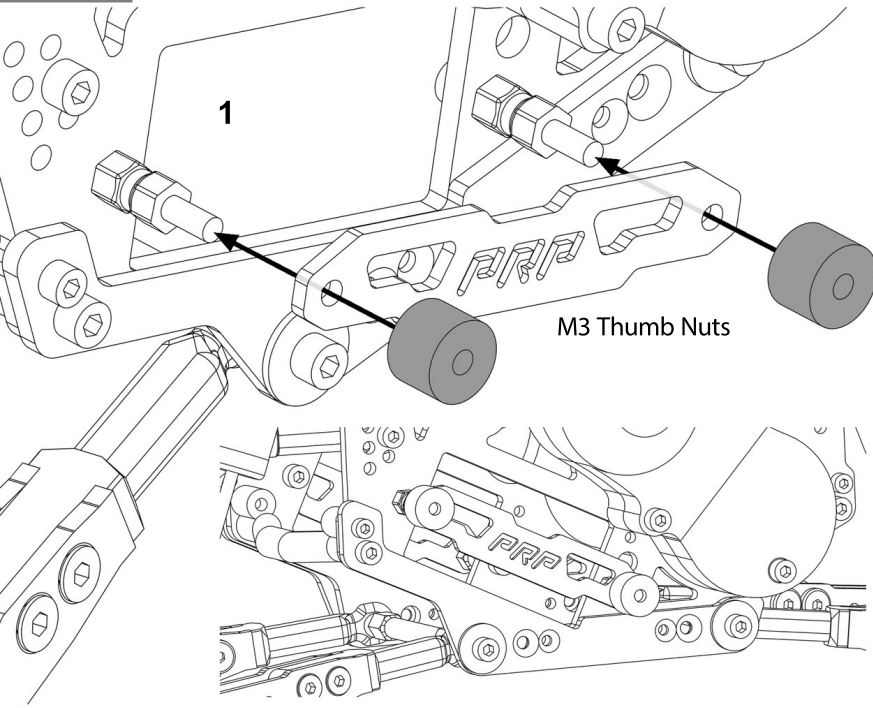
Adjust body post height to your body of choice.



### 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

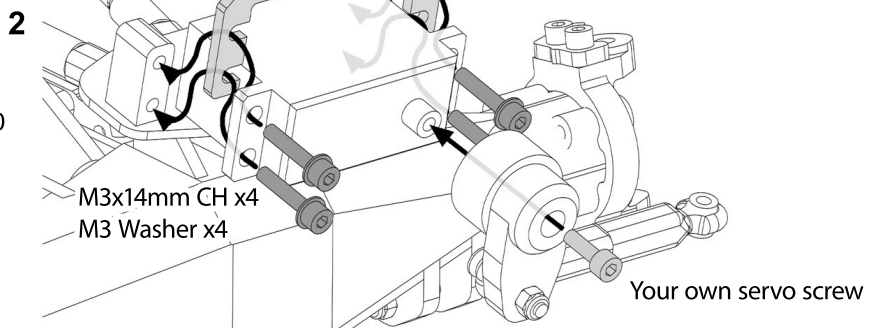
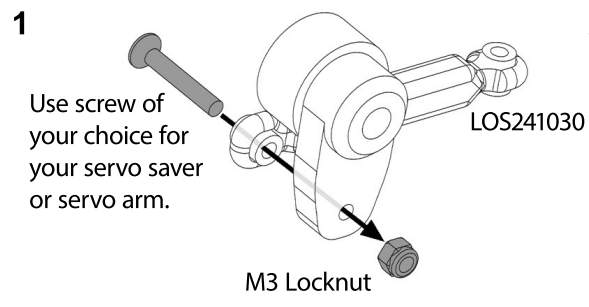


Tip: Want to remove the washers? Vitavon makes 5.8x8mm long pivot balls that works well with RPM brand m4 Traxxas rod ends.

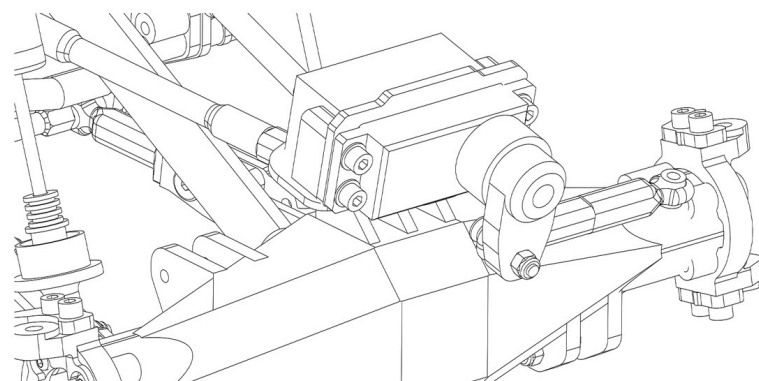
### 22

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

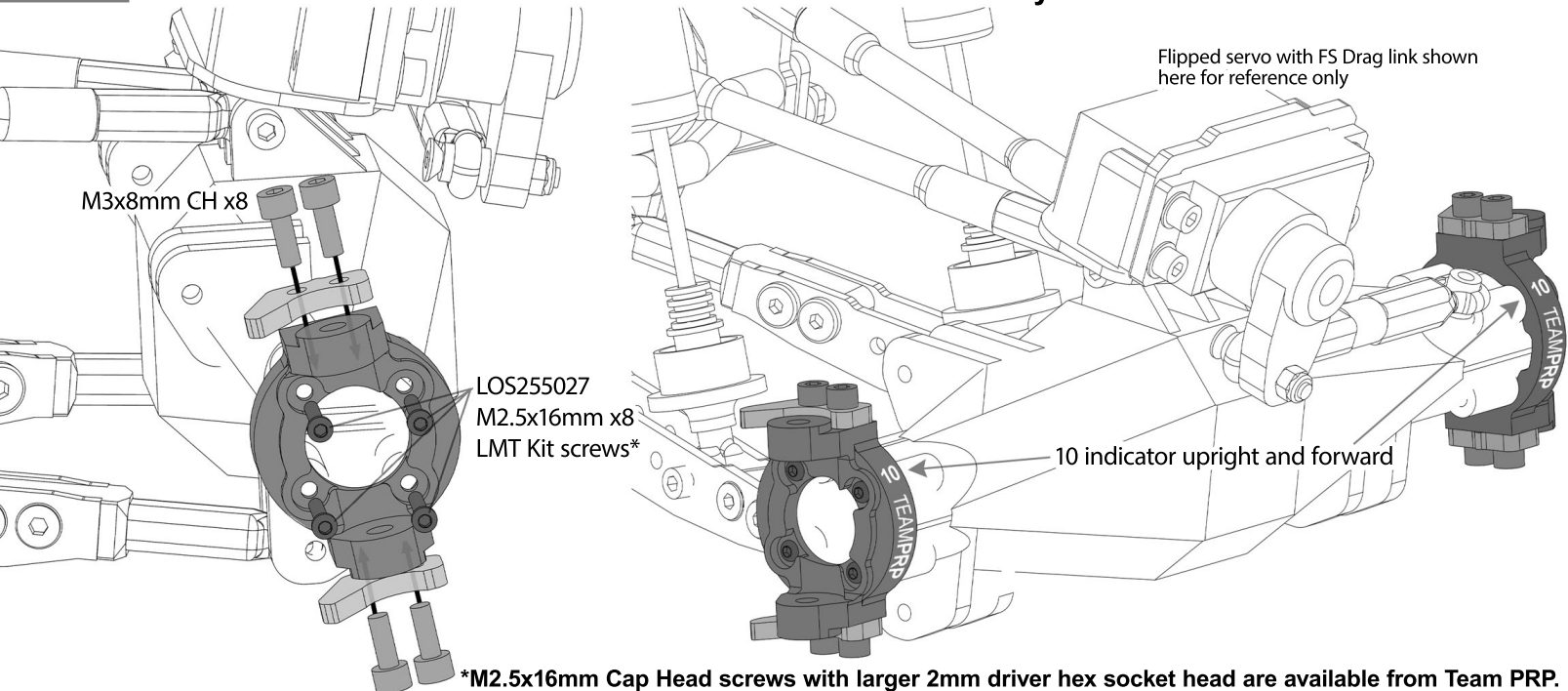


Tip: If you have our longer FS Drag Link the servo should be flipped with the output gear on the right/drive side of the chassis.

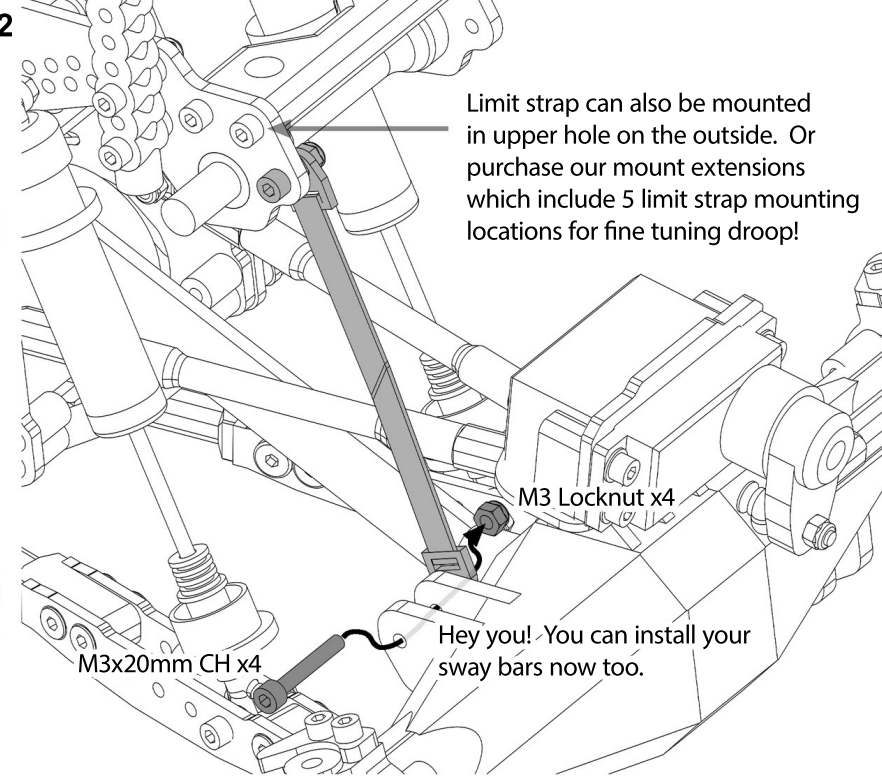
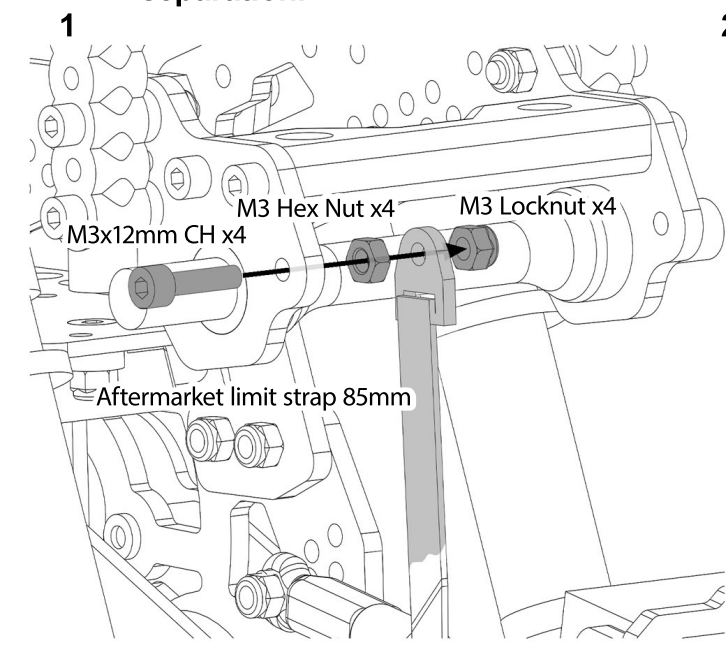




**23** Install Left and Right Titan 10° Caster Blocks with carbon stopper plates. **NOTE!!** These were designed to fit perfectly on stock plastic LMT axles. They will need to be modified slightly to fit on aluminum axles. Simply remove a tiny bit of material around the interior screw arcs or file a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

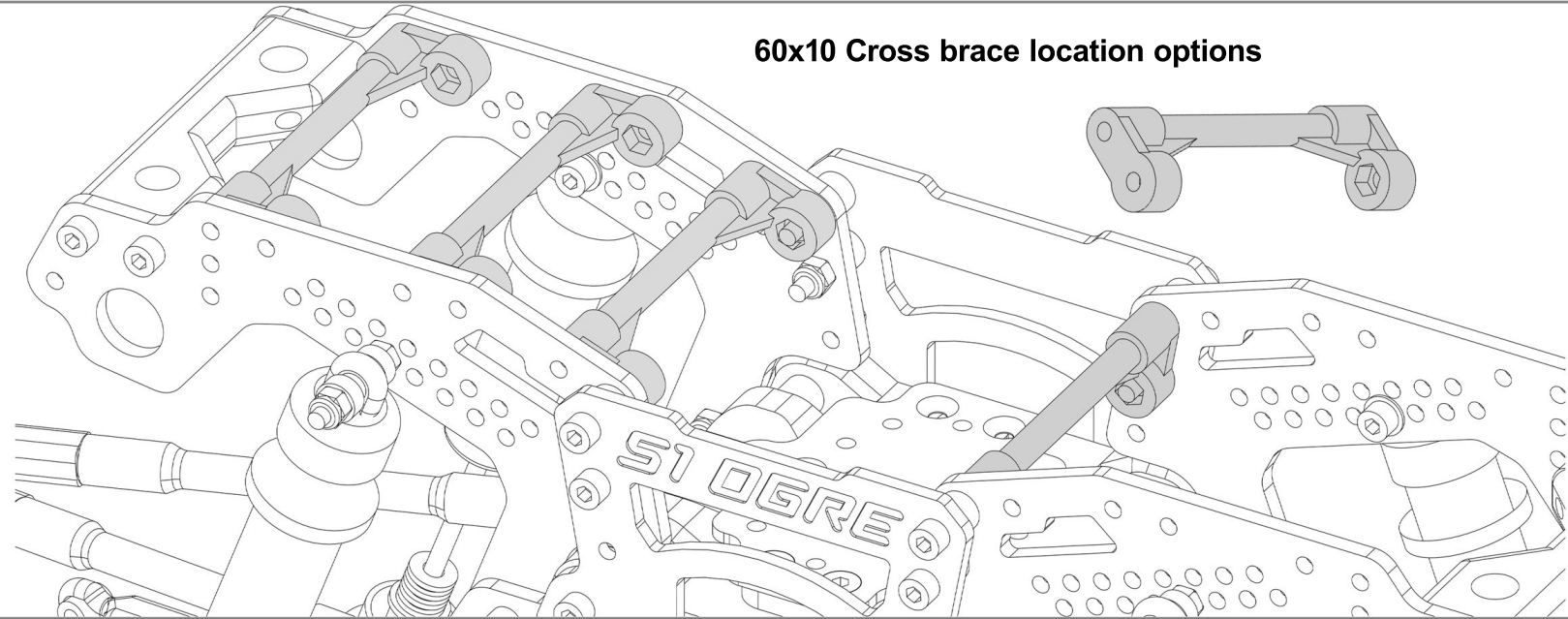


**24** Install x4 85mm length Limit Straps (sold separately) in the lower limit strap mounting hole on the shock towers. Without limit straps you can risk drive shaft separation.

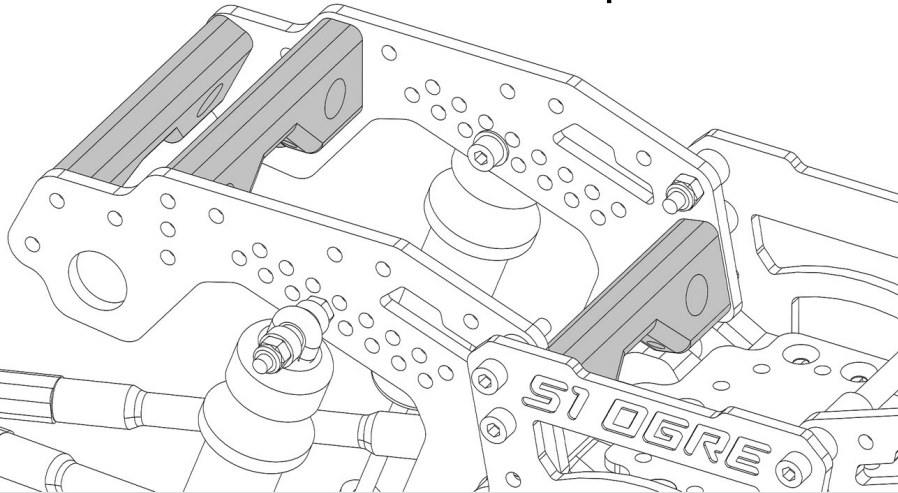


### MOUNTING OPTIONS

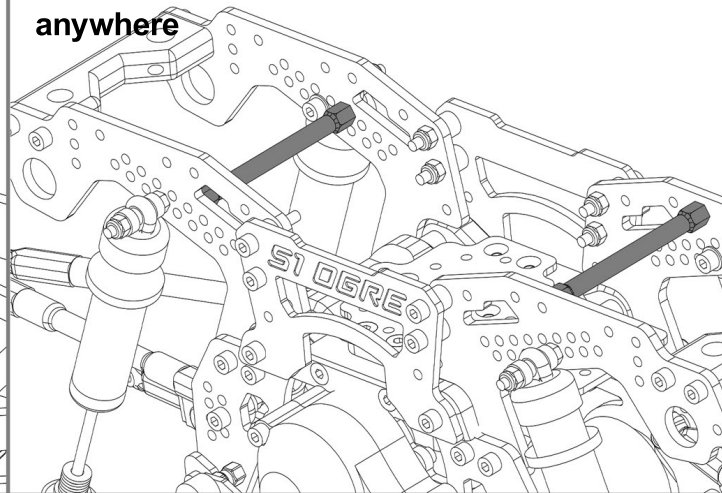
60x10 Cross brace location options



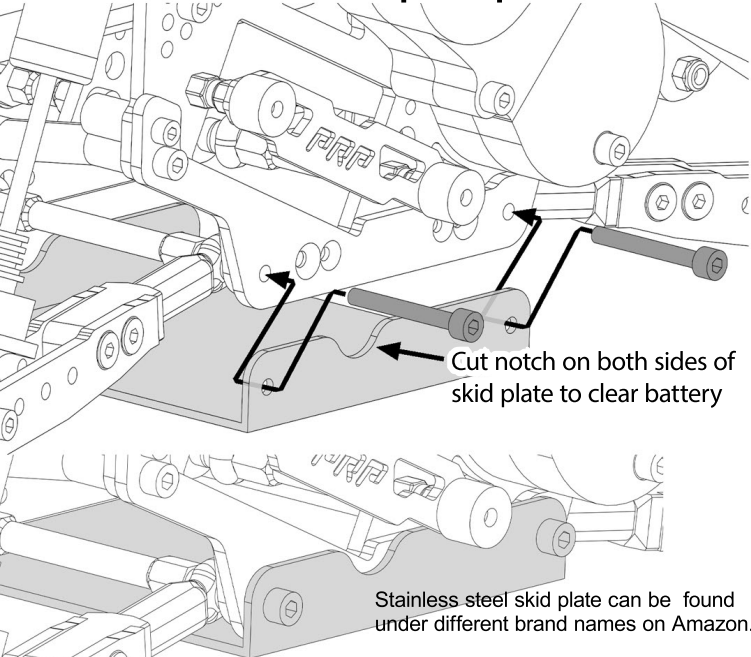
60x12 Cross brace location options



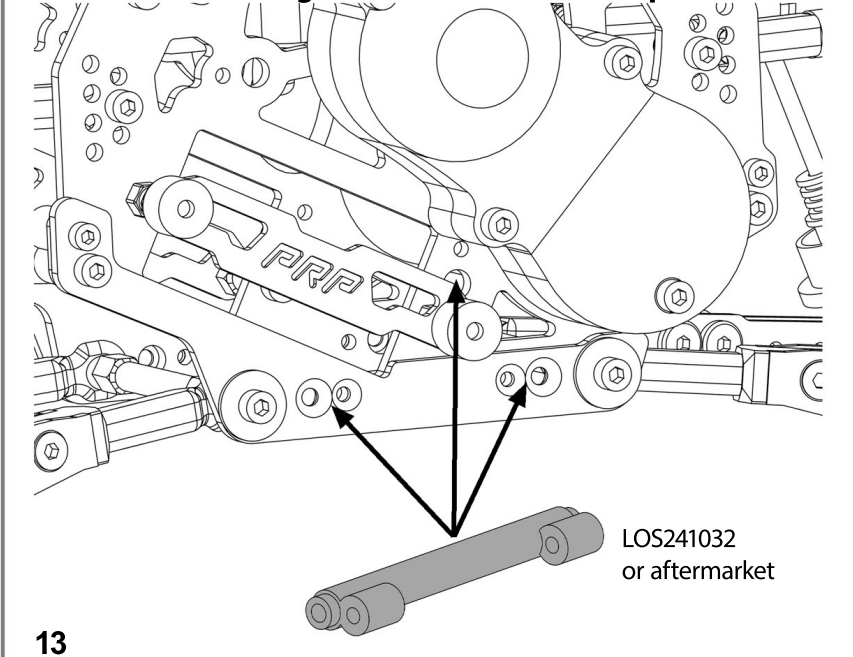
60mm cross braces can be mounted anywhere



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](http://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*



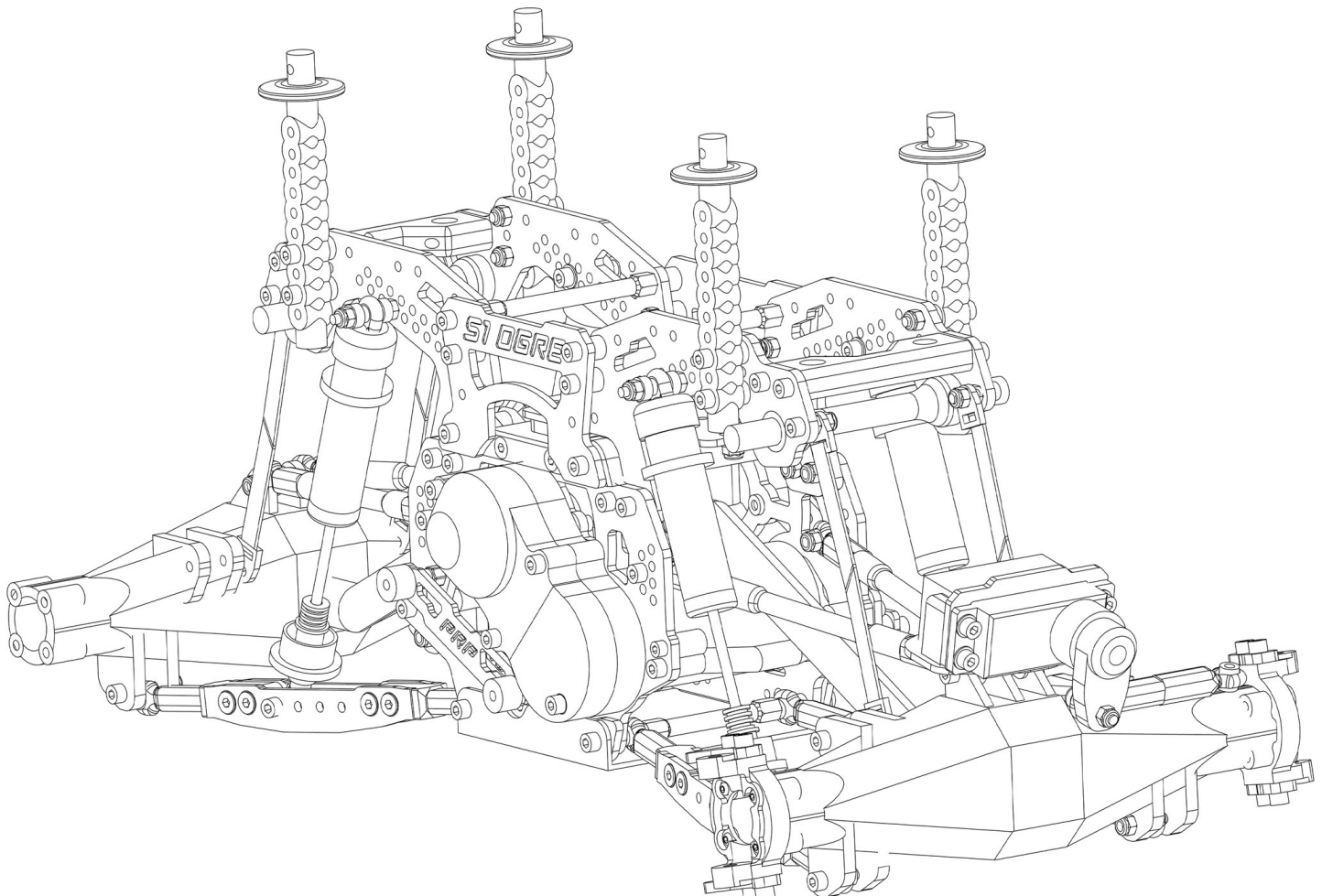
Download setup sheet



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DRIVER:

TRUCK NAME:

BODY:

EVENT:

DATE:

QUAL:

FINISH:

TRACK:

SURFACE TYPE:

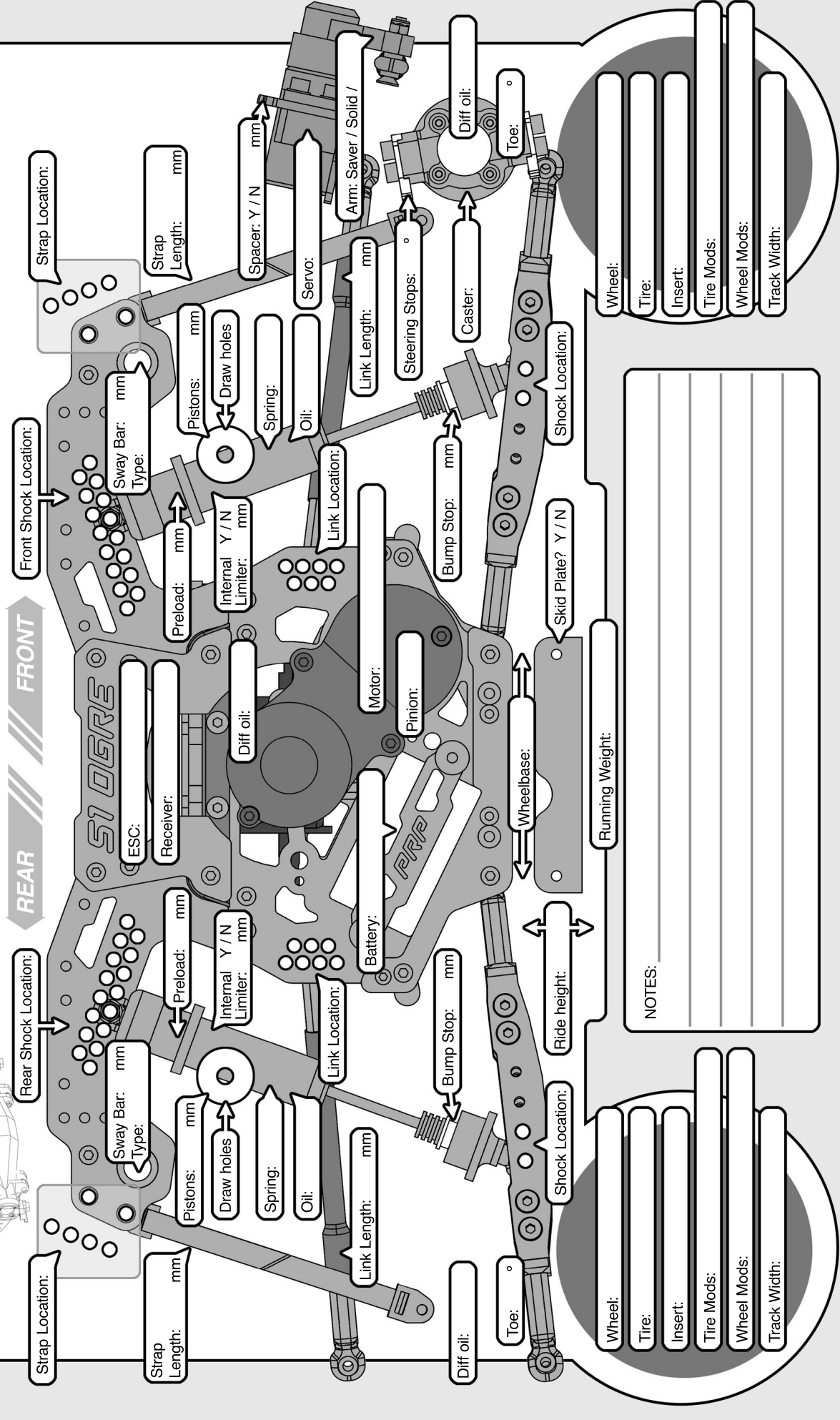
Size: Small / Med / Large / Very Large

TRACTION: Low / Med / High / Very High

CONDITION: Dry / Damp / Wet / Dusty / Hard Pack / Bumpy

TEMPERATURE:

Smooth / Loamy / Other:



Wheel: \_\_\_\_\_  
 Tire: \_\_\_\_\_  
 Insert: \_\_\_\_\_  
 Tire Mods: \_\_\_\_\_  
 Wheel Mods: \_\_\_\_\_  
 Track Width: \_\_\_\_\_

Running Weight: \_\_\_\_\_

NOTES:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Wheel: \_\_\_\_\_  
 Tire: \_\_\_\_\_  
 Insert: \_\_\_\_\_  
 Tire Mods: \_\_\_\_\_  
 Wheel Mods: \_\_\_\_\_  
 Track Width: \_\_\_\_\_