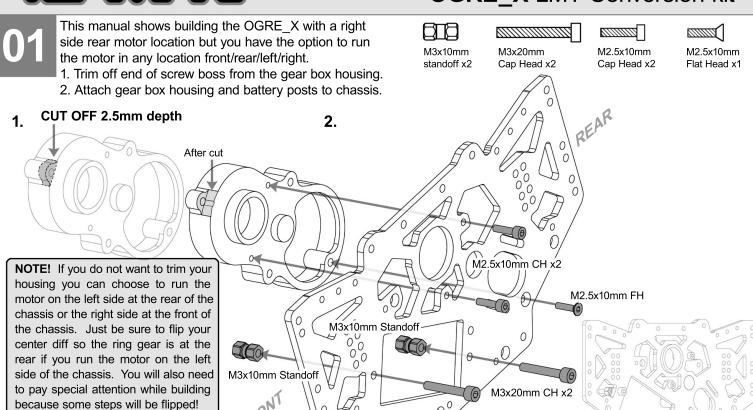
ADVANCED CHASSIS CONVERSION KIT FOR THE LOSI LMT







You flip it - you figure it out! ;)

1. Attach diff cap with input pinion gear installed.

Attach differential housing skid plate with center diff ring gear toward the front as shown.

M3x16mm

Flat Head x2 Ring gear this side 2. FRONT 10 M3x16mm FH x2

OGRE_X LMT Conversion kit

03

- 1. Complete right side skid assembly.
- 2. Attach right side battery strap.



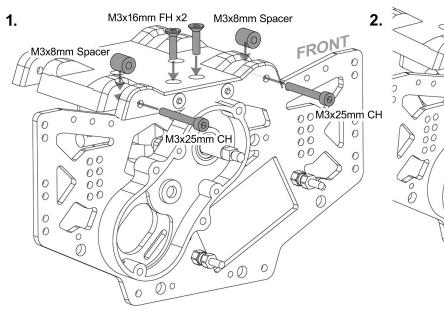
M3 Locknut

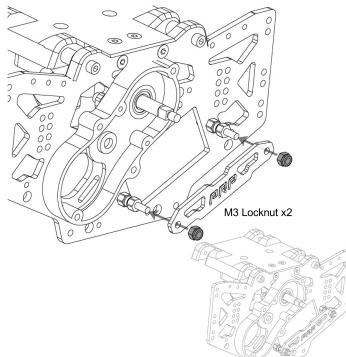


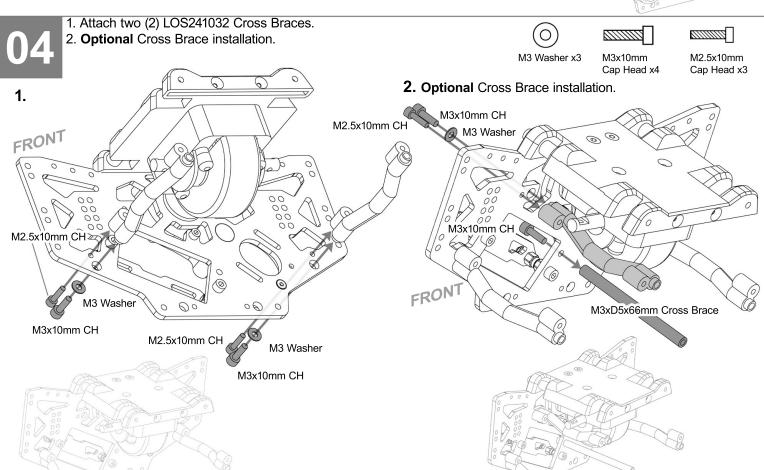
spacerx2

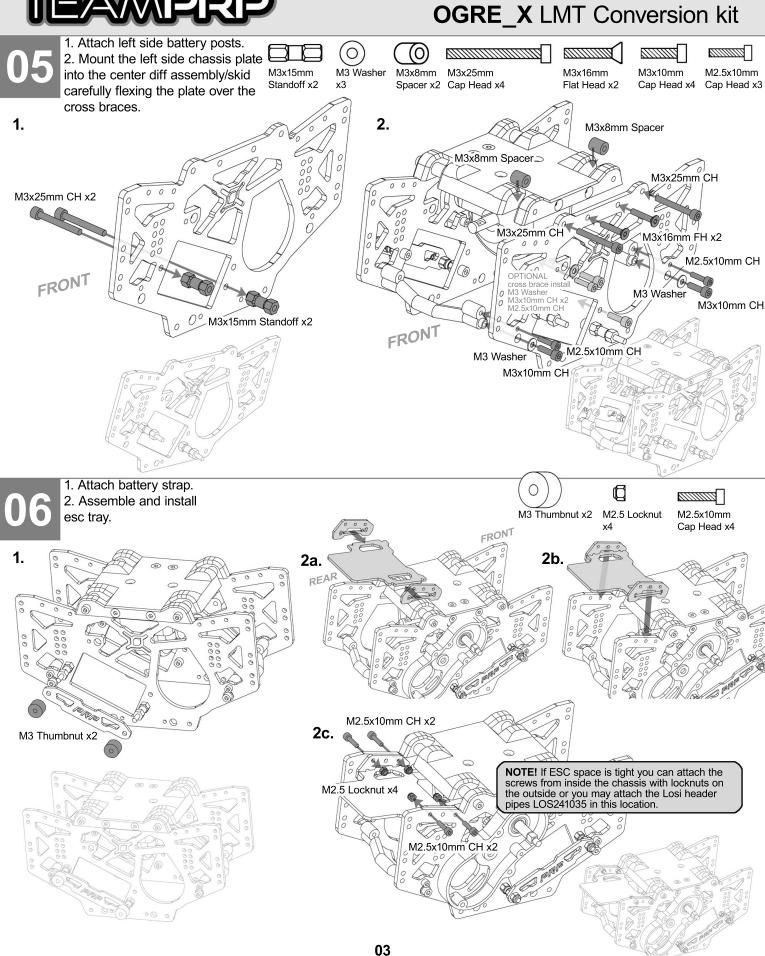
M3x25mm Cap Head x2

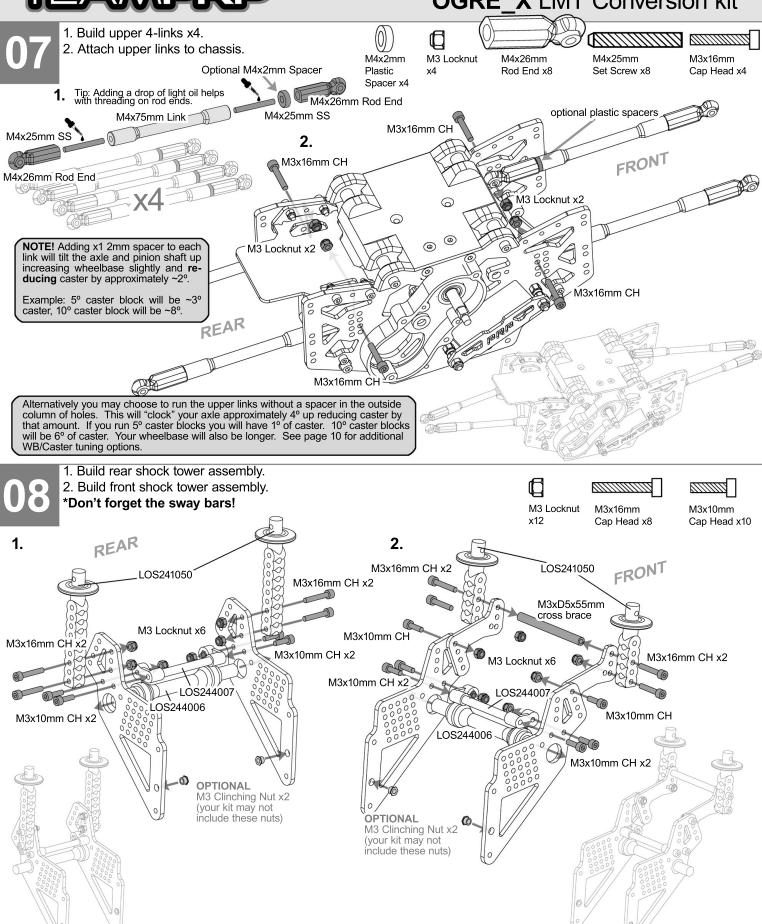
M3x16mm Flat Head x2



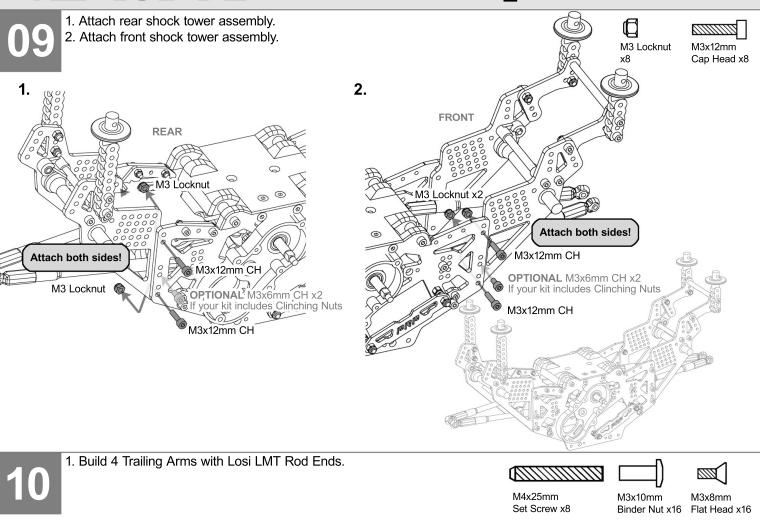


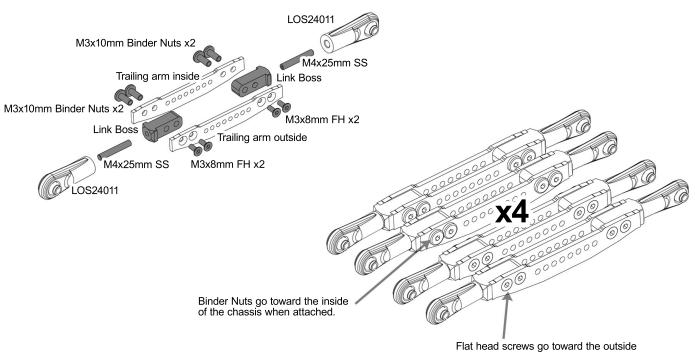




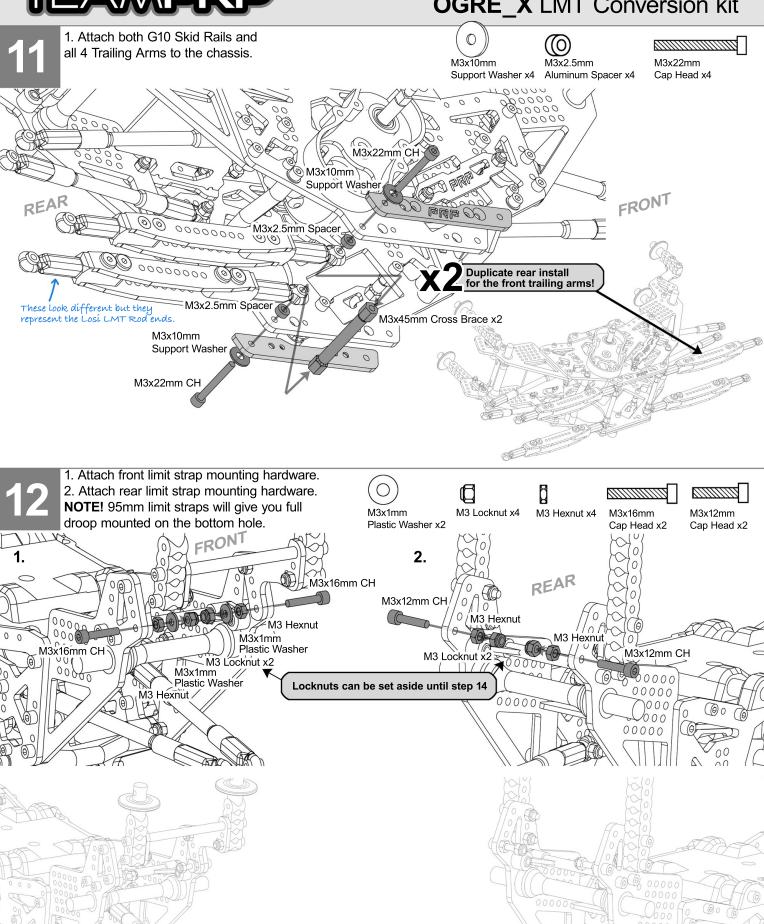


OGRE_X LMT Conversion kit

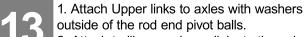




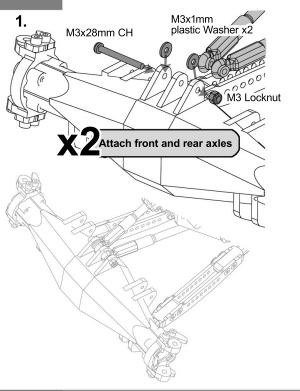
of the chassis when attached.

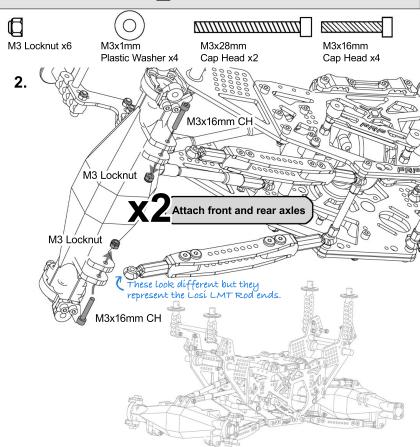


OGRE_X LMT Conversion kit



2. Attach trailing arm lower links to the axles.

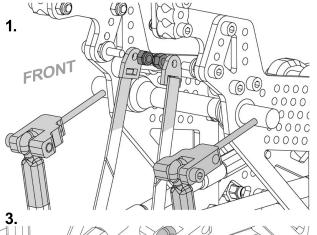


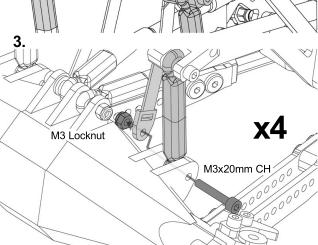


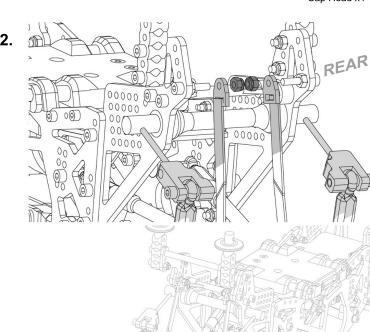
Attach the limit straps to the shock towers and the axles.
Attach your Losi LMT Sway Bar pushrods per your Losi LMT manual.
NOTE! 95mm limit straps will give you full droop when mounted on the shock tower's bottom hole.



M3x20mm Cap Head x4









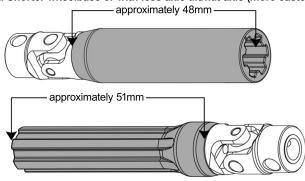
- 1. Cut Losi LMT Mega Center Shafts #LOS242057 down to length. Usually this is 15 to 18mm off each end depending on your setup. Take care and test fit with full suspension cycle. If you feel you cut too much thankfully replacement plastic drive shafts(#LOS242057) are only \$11.99.
 - 2. Install drive shafts per the TLR Tuned Losi LMT manual if you need install reference.

1. Trim Lengths:

M3 Locknut

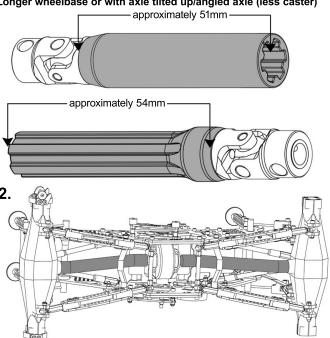
M3x18mm CH

A. Shorter wheelbase or with less axle tilt/flat axle (more caster).

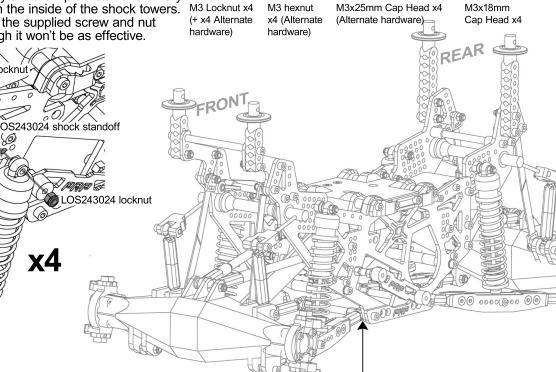


NOTE! Be sure to clean up the cut as needed for a smooth interface. The shaft should slide very free throughout the entire length of the shafts. There is only one position where the shafts mate perfectly free and smooth.

B. Longer wheelbase or with axle tilted up/angled axle (less caster)



We recommend Losi LMT TLR Tuned Shock Standoffs part # LOS243024. They are a simple install and a very solid fit with a locknut on the inside of the shock towers. Otherwise you may use the supplied screw and nut alternate hardware though it won't be as effective.



NOTE: If you're running wide shocks and having trouble with them binding on the chassis you can remove the 2.5mm aluminum spacer on the lower link trailing arms and then use a 50mm cross brace between the trailing arm pivot balls. And of course you can space

the top of the shocks out further if absolutely necessary.

<u>08</u>

OGRE_X LMT Conversion kit

17

Motor mounting: 1. We recommend testing motor positions and possible wire configurations **prior to soldering!** Then take note of wire routing and solder the motor wires on **before installing** the motor. 2. Attach motor to chassis. Route wires to ESC and lastly solder wires to ESC. See **Step 19** for a 3D print wire router option.



M3 Lock

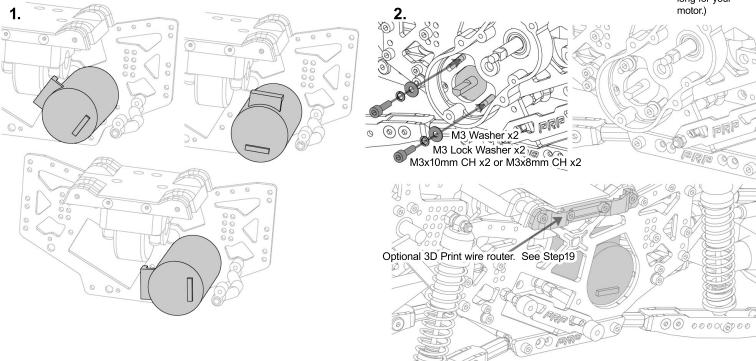
Washer x2



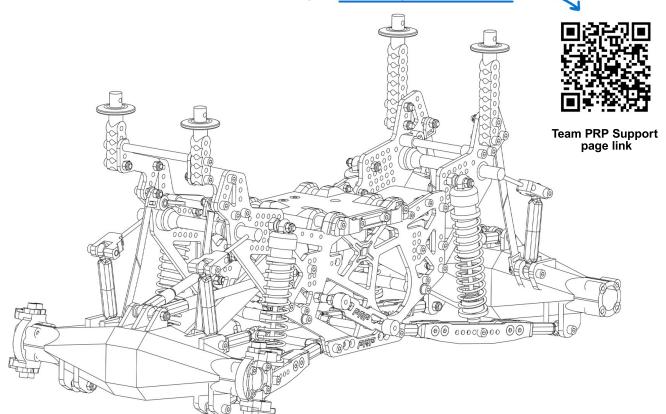
Washer x2



M3x8mm Cap Head x2 (If 10mm is too long for your



Complete your build as you normally would with your remaining LMT parts and electronics. Refer to the TLR Tuned LMT Manual if you need build reference. **NOTE!** If your kit includes **Team PRP Option Parts** please download their individual instruction sheets from our shop support page at teamprp.bigcartel.com/support.

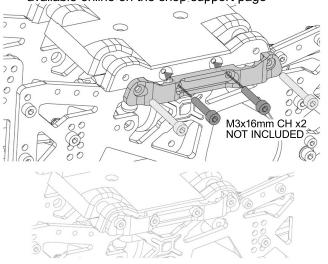


M3x12mm Flat Head x4

M2.5x12mm Flat Head x4

Optional installs and wheelbase adjustments

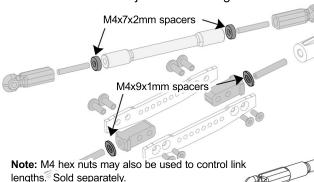
1. Wire Router 3D STEP File available online on the shop support page



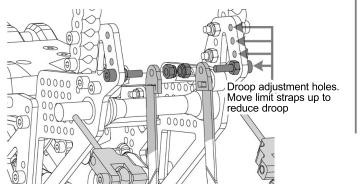
3. 4-link tuning kit: To fine tune wb or caster angles add/remove any variable of spacers to your links.

M4x7x2mm x8 to adjust upper links.

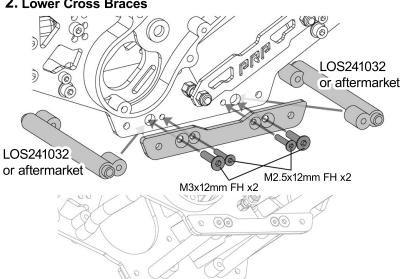
M4x9x1mm x8 to adjust lower trailing arms.



4. Droop: To fine tune the amount of suspension droop simply move your limit straps on the column of holes on the shock towers.

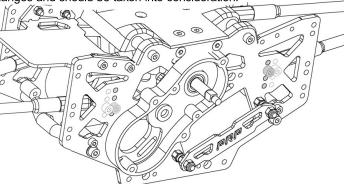


2. Lower Cross Braces



5. Additional wheelbase/caster adjustment: To reduce wheelbase (WB) you may remove any spacers (or m4 nuts) you may have intalled from the upper and lower links. When shortening WB you may also need to trim the LMT Mega center driveshafts back further to allow more compression and/or reduce suspension droop. To increase WB you may add spacers and/or move the upper links to the outside column of holes.

NOTE: Caster angles will change depending on your link length changes and should be taken into consideration.



Alternatively you may also use different length rod ends to adjust your wheel base further. Axial makes 8mm wide pivot balls and shorter rod ends for their RBX10 kit (Part #'s AXI234025 & AXI234028) and Vitavon makes 8mm wide pivot balls for rod ends with 5.8mm hole diameter such as the RC4WD, Traxxas, RPM ends. But Vitavon comes with a warning! The Vitavon balls are a headache due to most of them requiring to be cleaned out. Or of course you can use any M4 rod end which usually come with 7mm to 7.5mm wide pivot balls requiring the gaps to be shimmed for proper installation. Changes in wheelbase will affect how much suspension droop the axles can achieve before the universal joints on the drive shafts bind up and must be taken into account! The longer the wheelbase the more suspension droop can be achieved. If you make big WB changes get extra sets of center drive shafts to cut to custom lengths.