

CRC Gen-Xi and 1s Shorty Lipo Conversion

3203 - Gen-Xi Full Car Kit, 3206 - Gen-Xi Upgrade Set for Gen-XL, 3207 - "Shorty" Battery Mounting Kit

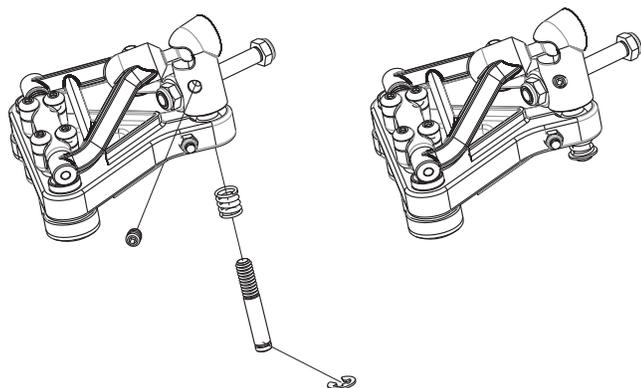
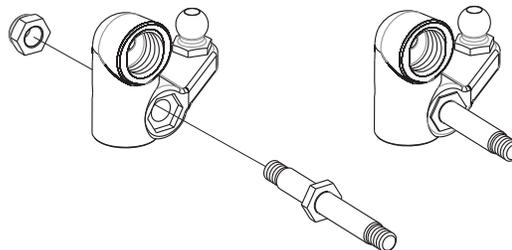
3203 & 3206:

This instruction sheet is meant to be used in conjunction with the Gen-XL Manual. If there is something that you don't see explained here, or something that you may have a question with; please refer to your Gen-XL manual. If you no longer have your Gen-XL manual, then you can download it in PDF format for free at http://www.teamcrc.com/crc/downloads/manuals/3202_complete_manual.pdf. You will need Adobe Reader to view the manual, which is also available for free at <http://get.adobe.com/reader>.

The new CRC Gen-Xi features a super durable steering block with a 1/8th inch axle. Most all 1:12th cars are run in the trailing axle position and this new 3221 steering block gains its massive strength by doing away with the inline position. If you wish to run an inline setup, you will need to use the original Pro-Strut Steering Block/Axle combo.

Assemble Steering Block and Axle as shown to the right. The Axle will slide into the steering block and the hex will rest in the molded hex of the steering block so only one wrench is needed to tighten the nut on the inside of the steering block.

3206 Note - the ball shown on the steering arm in the picture will need to be removed from your old steering blocks.

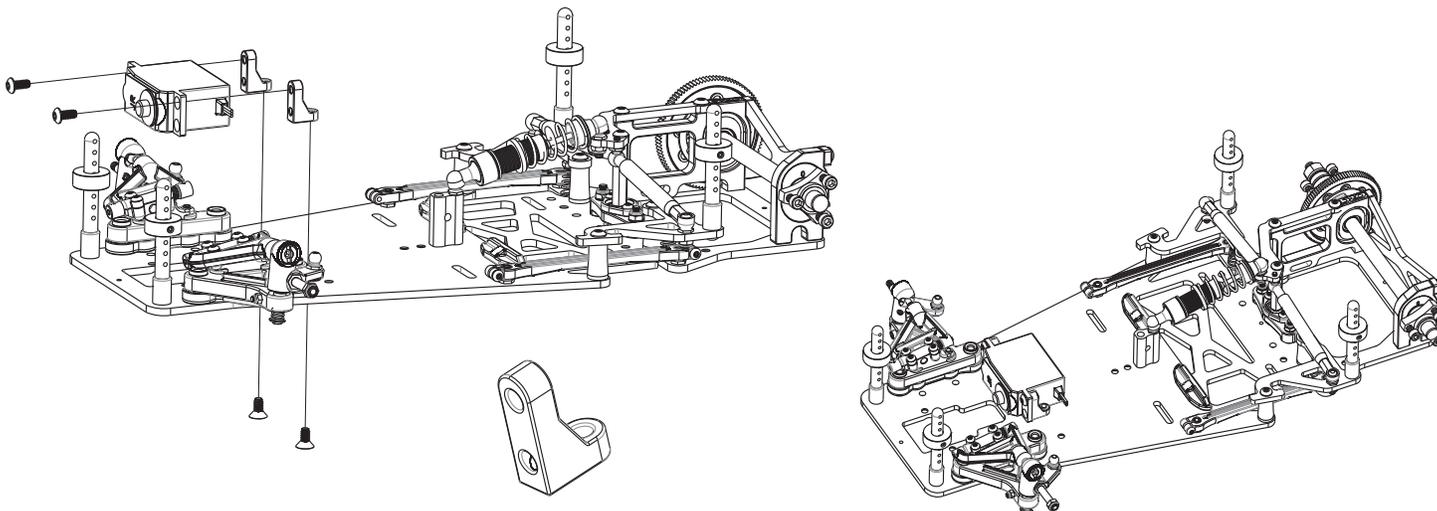


Assemble front end as shown to the left. At this point, everything will build just as it does in the XL manual, except that the kingpin is threading into plastic rather than aluminum.

3206 Note - Upper arm pivot ball, Pivot ball cap, king pin, e-clip, front spring, and set screw all come from your front end.

The Gen-Xi utilizes lower, lighter, flat servo mounts. This lowers the CG of the car and frees up space on the chassis to get all of your electronics mounted as closely to the centerline of the car as possible. Mounting the servo flat does change your bump-steer angle slightly and gives the car a different feel. It is not "better" or "worse", just different. We have had drivers win in both configurations. However, the geometry of the new steering block does allow for a reduced bump-steer angle compared to the old steering block. By shimming up the ball on the steering arm you will reduce this angle and make the car feel more like it did with the old stand-up style mounts. How far you can shim the ball up is only limited by the ID of your front wheel as you will not want any rubbing inside the wheel.

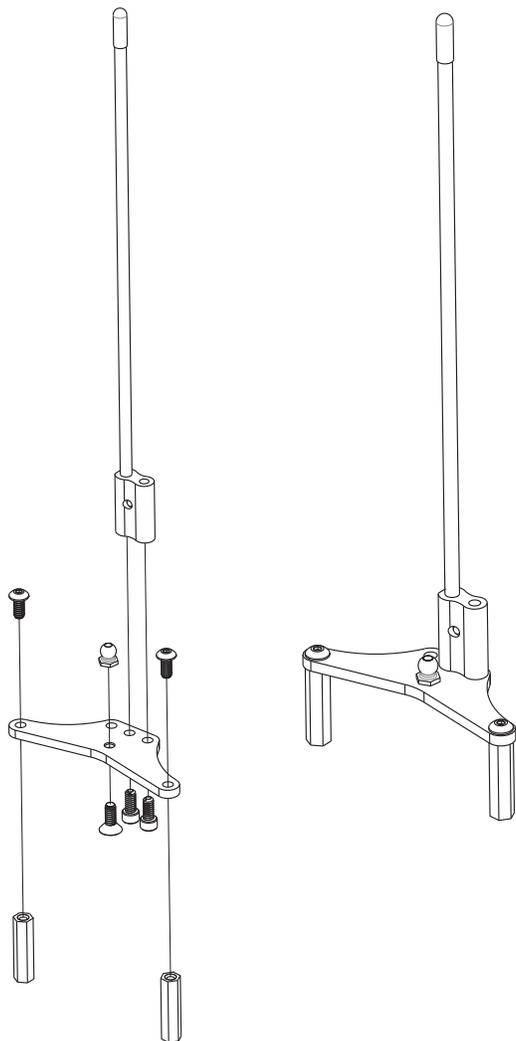
3206 Note - this step is optional as you still have your 1715 stand up mounts from the XL. However it is recommended to switch over to the laydown mounts if planning to add the 3207 Shorty Battery Mounting Kit as it will add more space for mounting electronics.



3207:

To begin installation of the 3207 "Shorty" battery mount kit, remove the center shock/antenna mount and the 2 molded battery bumpers from the chassis.

Mount the antenna mount (that you just removed) to the new graphite top plate using the 2 1/4" cap head screws. Make sure that the countersink in the center hole for the shock mount ball faces down.



Finish assembling the center mount as shown above using the flat head screw in the countersunk hole to mount the ball for the center shock.

Use the 2 button head screws to mount the hex standoffs as shown. ***Make sure that the flats of the hex face towards the battery as it is a snug fit by design and the standoffs actually hold the pack centered in the car. If you have the points of the hex facing in, the battery may not fit.

Now mount the above assembly to the 2 holes on the chassis for the molded battery bumpers using 2 flat head screws in the countersunk holes. The 4 non-countersunk holes will not be used.

The completed assembly is shown to the right. You will notice that the 2 cap head screws fit securely against the step on the battery case. This is to assist in keeping the battery from moving in a crash, and shouldn't be used as the only method of holding the battery. You will also notice that the edge of the window in the chassis to either side of the pack line up with the pack to be used as tape slots. *Remember to remove the sharp edge off the graphite when using this for taping so it doesn't cut the tape.

