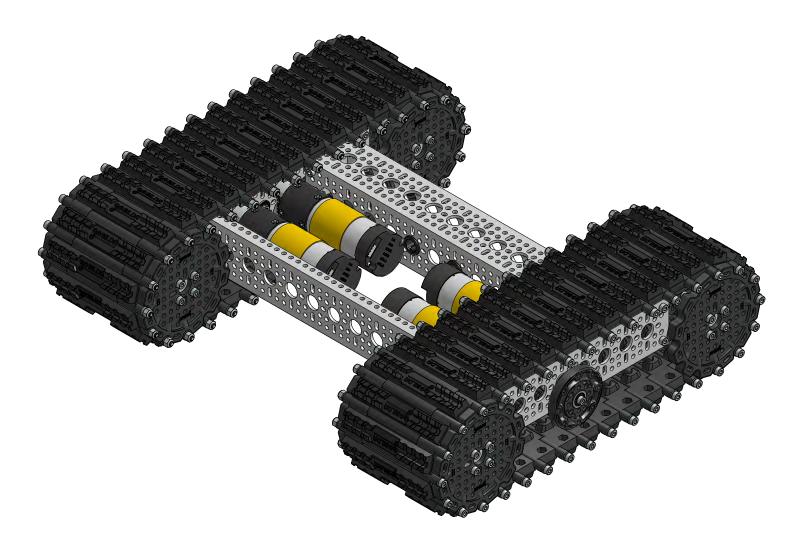
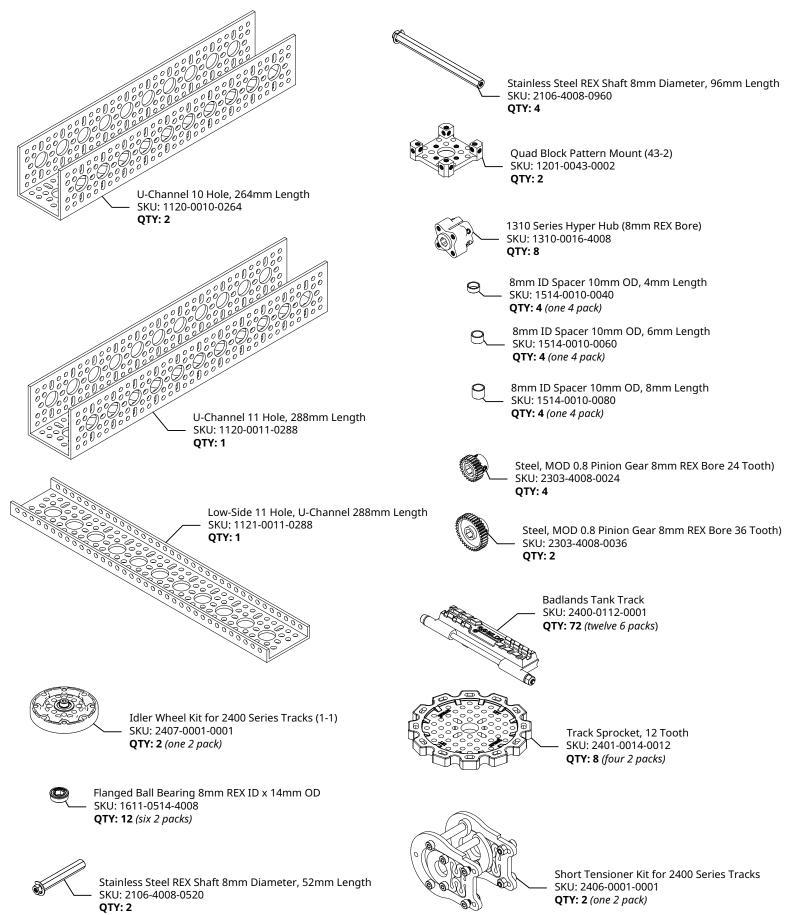
# Assembly Instructions for **Outlaw Chassis**

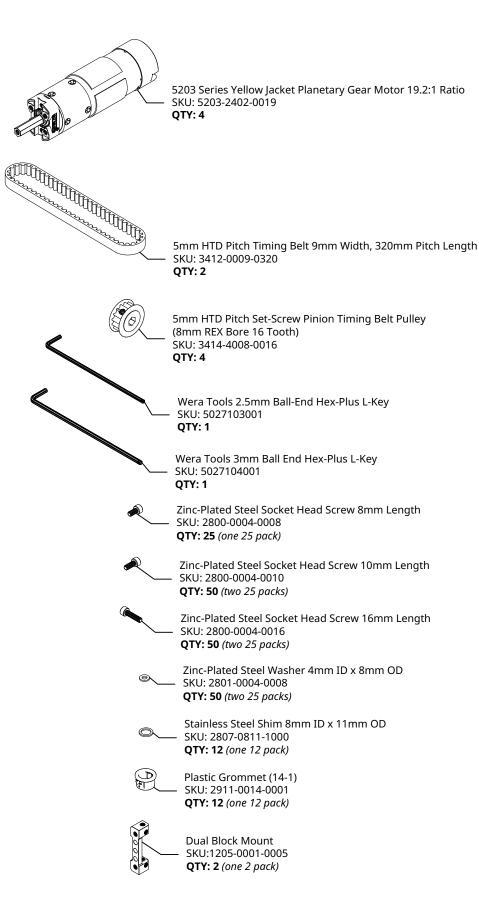
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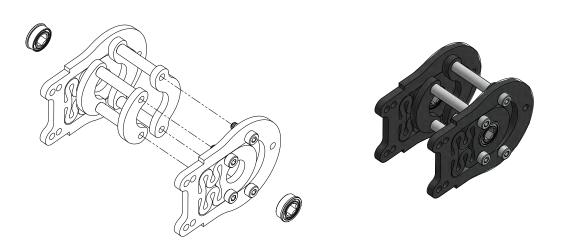
# Kit Contents (page 1 of 2)



# Kit Contents (page 2 of 2)

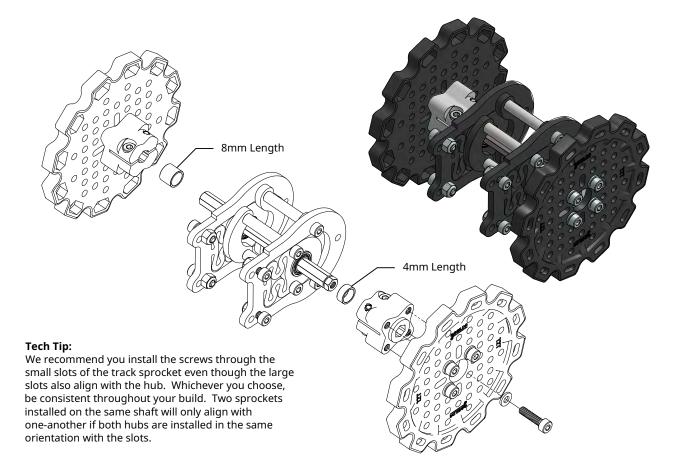


This chassis kit comes with a tensioner kit 2 pack which will have all the parts used in this step (minus the bearings). Insert two 8mm REX bore bearings into two of the tensioner side plates. Then assemble one tensioner using eight 14mm length screws and four 27mm length standoffs.



#### STEP 2

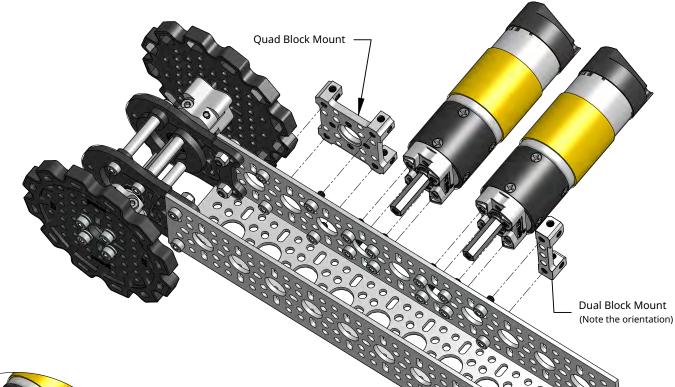
Use four 16mm length screws (each with a washer) to attach a Hyper Hub to the flat side of a track sprocket. Do this again for a total of two sprocket assemblies. Remove the e-clip from a 96mm length shaft and slide the shaft through the bearings of the tensioner. slide a 4mm length spacer on one side and an 8mm length spacer on the other side. Then put the two sprocket assemblies on the shaft. Tighten the pinch bolts of the Hyper Hubs.

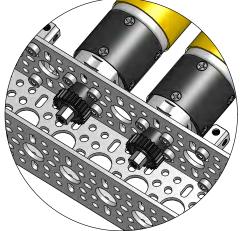


Use four 14mm length screws and four locknuts (which were both included in the tensioner kit bag) to mount the tensioner assembly to a 10 hole channel. Note in the image below which holes are being used.

Use six 8mm length screws to fasten a Quad Block Mount and a Dual Block Mount where shown.

Use eight 10mm length screws to mount two motors where shown.



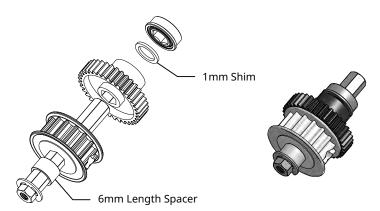


#### STEP 4

Add a 24 tooth pinion gear to each motor shaft. Slide them as close to the motor as you can and tighten the set-screws just enough to keep them from sliding off (their final positions will be set in a future step).

## STEP 5

Grab a 52mm length shaft and add a 6mm spacer, a timing pulley, a 36 tooth gear, a 1mm shim, and a bearing. Slide all the components towards the e-clip on the shaft. Tighten the set-screws on the timing pulley. Leave the gear/shim/bearing loose on the shaft for now.



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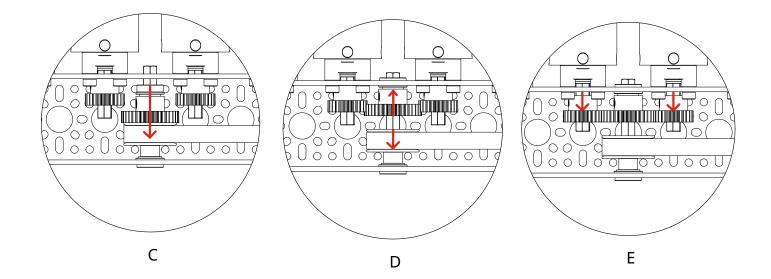
(A) Seat a bearing (with the flange on the inside of the channel) in position A.

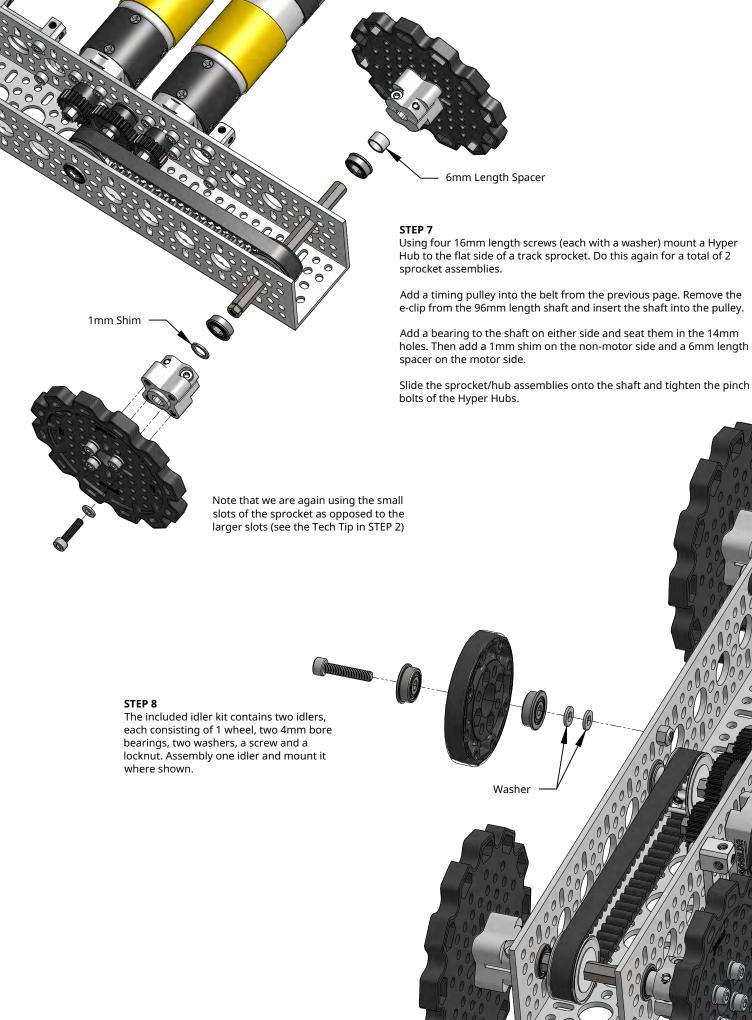
**(B)** Add a timing belt around the timing pulley of the assembly from the previous step. Angle the assembly from the last step into the channel between the two motors.

(C) Seat the end of the shaft into the bearing you just placed in the channel.

**(D)** Slide the large pinion gear towards the motor side (seating the bearing on the shaft into the 14mm hole between the motors. While ensuring the pulley and the gear are spread as far apart from each other as they can be, tighten the set-screws on the gear.

**(E)** Now you can loosen the set-screws on the smaller pinion gears on the motor shafts and slide them out to line up with the larger pinion gear and tighten down their set-screws.





You now have one "track pod" minus the track segments. Repeat Steps 1-8 to create the other track pod for this chassis. Note that the second track pod needs to be a mirror image of the first.

#### STEP 10

Using eight 10mm length screws, attach the 11 hole U-Channel to the Quad Block Mounts on the two track pods. Using four 10mm length screws attach the 11 hole Low-Side U-Channel to the Dual Block Mounts on the two track pods. Note that grommets have been added in suggested locations in the 11 hole U-Channel. This provides a place to pass motor wires through without the chance of them getting chaffed on the edge of the aluminum channel.

