



Belt Driven CR10 V2

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Summary

This is a remix of KevinAkaSam belt conversion for the CR10 V2 and CR10 V3.

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This remix allows to use the factory Z braces of the CR10 V2/CR10 V3 while upgrading to a belted driven Z axis. The transmissions are modified to match the bolt pattern from the top brace bracket.

THIS REQUIRES LONGER SHAFTS THAN THE ORIGINAL BOM

I went with 100mm and it is perfect.

Note that it is not the only modification needed for the CR10 V2 if you want to use the KevinAkaSam system since the left plate (where the extruder usually sits) won't have the required pattern to fit the OEM breakout board. I did not design it because I am now direct drive with a toolhead CANbus board.

Please use the instructions from KevinAkaSam for assembly, it is the exact same process.

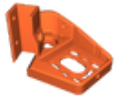
This remix is based on



Belt Driven Ender 3/Pro/V2 and CR10

by KevinAkaSam

Model files



1_transmission_left_ul_v37_for-cr10v2.stl



1_transmission_right_ul_v37_for-cr10v2.stl

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