

Comparing FTC Kits

FIX IT Tips and Tricks

Brand (and Link)	Actobotics	GoBilda	REV	Tetrix
Kit Year	2019 - 2020	2019 - 2020	2020 - 2021	2020 - 2021
FTC Cost (after all discounts)	\$494.99 US	\$494.99 US	\$477.00 US	\$545.00 US
Total number of Parts	1827	2063	1350	824
Nuts, Screws, Washers and Zipties	1003	1516	800	462
Wheels (Omni and Traction)	8	8	12	8
DC Motors	4	4	2	4
Other Motors (Servo Included)	4	4	8	4
Channel pieces - Over 10"	8	26	6	6
Channel pieces - Under 10"	22	6	0	16
Channel - Total Length (Inch)	200 in	163 in	84 in	129 in
Beams, Bars, Extrusion	20	44	28	32
Beams, Bars, Extrusion Length (Inch)	132 in	222 in	359 in	183 in
Gears/ Sprockets	16 - Metal	17 - Metal	58 - Plastic	12 - Metal
Flat Plate - Surface Area (sq inches)	252 in ² - Metal	117.8 in ² - Metal	44 in ² - Plastic	76.2 in ² - Metal
Connectors/ Brackets	6 - Metal	16 - Metal	150 - Plastic	28 - Metal

REV uses X-Rails, which creates a lightweight robot; however, the kit comes with lots of plastic parts and cheap wheels.

GoBilda comes with a variety of parts; however, the kit comes with bad traction wheels and motors with weird gear ratios.

Actobotics uses U-Channels and a variety of parts; however, due to the difference in hole patterns, it is hard to be compatible with other kits.

Tetrix offers an easy to use kit with a variety of durable parts; however, it may not include all the parts you require.

In order to see a more detailed summary of the kits, please scan this QR code here:

