

Sub-Component
Frame

Front End

Bill of Materials	
Part Name	Sources
Firewall	
Seat	
Side Panels	
Bottom Panel	CurbellPlastics.com
Kill switch	
Air intake	
Upper Control Arm	
Lower Control Arm	
Shocks	
Wheels	BBWheelsOnline.com
Tires	Walmart.com
Hex Head Screws	McMaster.com
Socket Cap Screws	Fastenal.com
Lock Nuts	Fastenal.com
Hex Nuts	Fastenal.com
Eye Bolts	
Swivel Joint Bearings	Amazon.com
Bushings	
O-Rings	McMaster.com
Flat Washers	Fastenal.com
Spindles	
Knuckles	
Hubs	
Steering Wheel	
Steering Column	
Rack and Pinion	ElginRecycling.com
Brake pedal	
Gas Pedal	
Rotors	
Master Cylinder	HayesPerformance.com
Headlights	
Top Panel	
Side Panel	
Brake pads	
Brake Calipers	
T Junctions x2	Amazon.com
Emergency Brake Pedal	
Rivets	Amazon.com
Locking Pins	
Tie Rods	
Brake Mount	

Rear End

Rear Trailing Arm Suspensions	
Socket Cap Screws	Fastenal.com
Hex Head Screws	McMaster.com
Bushings	
O-Rings	McMaster.com
Flat washers	Fastenal.com
Swivel Joint Bearings	Amazon
Eye Bolts	
Tie Rods	
Spindles	
Wheels	BBWheelsOnline.com
Tires	Walmart.com
Rotors	
Brake Pads	
Brake Calipers	
Brake Lines	
Shocks	
Knuckles	
Brake Lights	
Kill Switch	
Brake Mount	
Gearbox	
Gearbox Mount	
Battery	
Battery Casing	
Motor	
Motor Mount	
Motor Controller	
Motor Controller Mount	
Driveshaft	Amazon.com
Axles	Amazon.com
Driveshaft Mount	
Electrical components	
	Total Estimated Cost

Drivetrain

Cost	Comments
\$0	Have/Fabricate
\$0	Fabricating
\$0	Redesign
\$1.04	\$1.04/kg of material, Fabricating
\$0	EE Team
\$0	Already have
\$0	Already have
\$0	Already have
\$0	Already have
\$150	
\$140	
\$7.26	
\$5.37	
\$1.98	
\$0.63	
\$0	Already have
\$77.96	
\$0	Machined Part
\$7.61	
\$1.61	
\$0	Machined Part
\$0	Already have
\$0	Already have/ Machining
\$0	Fabricating
\$0	Machined part
\$0.5	Fabricating, \$0.50/lb
\$0	Already have
\$0	Already have
\$0	Already have
\$200	
\$0	EE Team
\$1.04	Fabricating
\$1.04	Fabricating
\$0	Already have
\$0	Already have
\$12	
\$0	Already have
\$23	
	Already have
\$0	Fabricate
\$0	Fabricate

\$0	Already have
\$5.37	
\$7.26	
\$0	Machined Part
\$7.61	
\$1.61	
\$77.96	
\$0	Already have
\$0	Already have
\$0	Machined part
\$150	
\$140	
\$0	Already have
\$0	Already have
\$0	Already have
\$0	Already have
\$0	Already have
\$0	Already have
\$0	EE Team
\$0	EE Team
\$0	Fabricating
\$0	Fabricating
\$0	Fabricating
\$0	EE Team
\$0	Fabricating
\$0	EE Team
\$0	Fabricating
\$0	EE Team
\$0	Fabricating
\$13	
\$480	
\$0	Fabricating
\$0	EE Team
1513.85	