

Part Name	#	Part Level	Material	Purchasing Link	#	Quantity	#	Price	Manufacturing Process	Equipment Location	Notes	#	Percent of Price	General Price per Tank	The Purpose of this table is to help	In cart
Faces/Baffle/Sump/Handle pieces/ Fuel Line Conn	2	1/8" 6061 Aluminum Sheet	https://www.onlinemetals.com/en/buy/aluminum/		1		47.02	Laser Cut	BIDC	16.125x14.75" Custom Order		7.91	594.14	understand where costs can be cut	x	
Cylinder	1	1/8" 6061 Aluminum Tube	https://www.onlinemetals.com/en/buy/aluminum/		1		44.42	Saw, Weld	BIDC	14" Length Custom Order		7.44	Real PPT is around \$185	depending on the importance of	x	
Fuel Cap/Insert	3	Aluminum	https://www.amazon.com/HCHCSPEED-Aluminum		1		\$14.50	Weld	BIDC	Cap OD is 1.75"		\$2.44		parts and the amount of budget	x	
Baffle Pipe	2	1/8" 6061 Aluminum Tube	https://www.onlinemetals.com/en/buy/aluminum/		1		2.57	Saw, Weld	ME Shop	24", Cut to size (ON SALE) (If sale ended 15" custom)		0.43		they are consuming	x	
Handle Pipe	2	1/8" 6061 Aluminum Tube	https://www.onlinemetals.com/en/buy/aluminum/		1		4.5	Laser Cut, Weld	BIDC	12" L, Laser cut sections		0.76			x	
Venting Valve	3		https://www.mcmaster.com/products/check-valve		1		\$19.88	Weld	BIDC	7768K66		\$3.35			x	
Firewall Lock Spring	3		https://www.mcmaster.com/products/springs/spr		0.5		\$4.83	Weld	BIDC	9434K98		\$0.81			x	
Firewall Lock Piece	3	6061 Aluminum Tube	https://www.onlinemetals.com/en/buy/aluminum/		0.5		10.79	Weld	BIDC	12" Length		1.82			x	
Fuel Line Quick Disconnect Socket	2	Aluminum, 5141SK208	https://www.mcmaster.com/products/fuel-line-con		1		18.07	Weld	BIDC	Make sure it is Female NPT, 1/2" coupling 1/2" pipe		3.04			x	
Fuel Line Quick Disconnect Plug	2	Aluminum, 5141SK508	https://www.mcmaster.com/products/fuel-line-con		1		7.04			Make sure it is Female NPT, 1/2" coupling 1/2" pipe		1.18			x	
Barbed Fittings	3	Brass	https://www.amazon.com/lo/Tube-Fittings-Threa		0.5		\$12.99			Comes in 5 pack, works with our fuel, (1/4" Hose to		\$2.19			x	
Firewall Lock Button	3	6061 Aluminum Tube	https://www.onlinemetals.com/en/buy/aluminum/		0.5		2.57	Sand,Saw,Weld	BIDC	24" L, Cut to size (ON SALE LIKE ROW 3)		0.43			x	
Sump Check Valve	3	Aluminum	https://www.amazon.com/EVIL-ENERGY-Return-Pe		0.5		\$9.99			2 pack (enough for both tanks)		\$1.68			x	
Stud	3	Steel	https://www.mcmaster.com/catalog/131/3621/98		1		4.16			98752A512		0.7			x	
Nuts	3	Steel	https://www.mcmaster.com/catalog/131/3658/97		0.5		10.4			97135A210		1.75			x	
Rubber Cornering		Rubber	https://www.amazon.com/Chanel-Protector-Self-J		1		10			Safety for firewall, required by rules		1.68			x	
Cylinder		Aluminum	https://www.amazon.com/7-ID-x-1-8-Wall-x-6-75-ID-Alum-Round-Tube-6061		1		82.74		ONLY NEED 1	7" OD x 0.125" Wall x 6.75" ID Aluminum Round Tub		13.93			x	
Sheet Metal		Aluminum	Order a 125" Aluminum Sheet 6061-T6 DFAR Online		1		46.75		ONLY NEED 1	0.125" Aluminum Sheet 6061-T6		7.87			x	