

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 Connx	2	1/8"	6061 Aluminum Sheet	https://www.onlinemetals.com/en/buy/aluminum/	1	47.02	Laser Cut	BIDC	16.125"x14.75" 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	44.2	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/spd	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-coe	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, 5141KS508	https://www.mcmaster.com/products/fuel-line-coe	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/JoyTube-Fittings-Thear	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-Pa	0.5	\$9.99			2 pack (enough for both tanks)		\$1.68					x
Stud	3		Steel	https://www.mcmaster.com/catalog/131/3621J98	1	4.16			98752A512		0.7					x
Nuts	3		Steel	https://www.mcmaster.com/catalog/131/3658J97	0.5	10.4			9713SA210		1.75					x
Rubber Cornering			Rubber	https://www.amazon.com/Channel Protector-Self-i	1	10			Safety for firewall, required by rules		1.68					x
Cylinder			Aluminium	7" OD x 1/8" Wall x 6.75" ID Alum Round Tube 6061	1	82.74			ONLY NEED 1		13.93					x
Sheet Metal			Aluminium	Order 0.125" Aluminium Sheet 6061-T6 NFAR Online	1	46.75			ONLY NEED 1		7.87					x
ANYWHERE IT SAYS "QUANTITY: 0.5" MEANS THAT IT IS ENOUGH FOR BOTH TANKS, NO NEED TO REORDER																
								241.14								