

## Power Cube BOM

Qty	Part#	Description	Source	Unit Price	Price
2	9-7843-12	3/4" NPT FORGED WELD-IN TANK FLANGE	SurplusCenter.com	\$2.25	\$4.50
1	9-7843-8	1/2" NPT FORGED WELD-IN TANK FLANGE	SurplusCenter.com	\$2.40	\$2.40
1	9-7287-5	5" RESERVOIR SIGHT LEVEL GAUGE W/THERMOMETER	SurplusCenter.com	\$17.95	\$17.95
1	9-5404-12-12	3/4 NPT HEX NIPPLE	SurplusCenter.com	\$2.70	\$2.70
1	9-4503-16-16	1 HOSEBARB M x 1 NPT M 45 DEGREE HOSEBARB ELBOW	SurplusCenter.com	\$5.10	\$5.10
1	9-4604-16-16	1" HOSEBARB TO SAE 16M ADAPTER 4604-1	SurplusCenter.com	\$5.10	\$5.10
2	455-AA	1/4" HOSE BARB X 1/4" NPTM 4244-4-4	SurplusCenter.com	\$1.45	\$2.90
1	28-1478	1/4" NPTM X 1/4" I.D. HOSE BARB STEEL ELBOW	SurplusCenter.com	\$0.49	\$0.49
1	9-059	3/4" NPT 20 GPM FA1200-10 RETURN FILTER	SurplusCenter.com	\$16.95	\$16.95
1	9-7290-100	1-1/2" NPTM TO 1" NPTF 14 GPM TANK STRAINER	SurplusCenter.com	\$18.95	\$18.95
4	9-2501-12-12	JIC 12M x 3/4 NPTM 90 ELBOW	SurplusCenter.com	\$3.30	\$13.20
2	951-2230	3/4" X 30" JIC 12F X JIC 12F 3000 PSI HYD HOSE	SurplusCenter.com	\$21.95	\$43.90
1	9-6801-L-10-10	JIC 10M TO SAE 10M LONG 90 ELBOW	SurplusCenter.com	\$4.75	\$4.75
1	9-5500-12-8	3/4 NPTM x 1/2 NPTM 90 ELBOW	SurplusCenter.com	\$3.90	\$3.90
2	9-2501-10-8	JIC 10M X 1/2 NPTM 90 ELBOW	SurplusCenter.com	\$2.40	\$4.80
2	941-2212	1/2" X 12" JIC 10F X JIC 10F 3500 PSI HYD HOSE	SurplusCenter.com	\$11.95	\$23.90
1	9-5602-8-8-8	1/2 NPTM x 1/2 NPTF x 1/2 NPTF STREET TEE	SurplusCenter.com	\$5.20	\$5.20
1	9-5406-8-4	1/2 NPT TO 1/4 NPT BUSHING	SurplusCenter.com	\$1.65	\$1.65
1	9-2503-10-8	JIC 10M x 1/2 NPTM 45 ELBOW	SurplusCenter.com	\$3.05	\$3.05
1	9-4848-E	0.98 cu in HYDRECO HMP3 162025A2 HYD	SurplusCenter.com	\$105.99	\$105.99
1	928-C	3/4" QUICK COUPLER S40-6 F/F	SurplusCenter.com	\$25.95	\$25.95
1	9-6314	1/4" NPT QUICK COUPLER S40-2	SurplusCenter.com	\$16.50	\$16.50
1	11-1108	12 VDC SPST RELAY STARTER SOLENOID R	SurplusCenter.com	\$5.95	\$5.95
1	1-2849	49" THROTTLE CONTROL CABLE W/ T-LEVER	SurplusCenter.com	\$4.95	\$4.95
1	9-7957-12	3/4" NPT PLASTIC TANK BREATHER	SurplusCenter.com	\$3.90	\$3.90
1	1-2985	3/4"-11 TOOTH SPLINED COUPLING (half required of this or the other coupler)	SurplusCenter.com	\$13.20	\$13.20
1	1-1563-E	1" SHAFT COUPLER (half required of this or the other coupler)	SurplusCenter.com	\$10.20	\$10.20
3	9-1279	1" HYD SUCTION/RETURN HOSE (SOLD BY THE FOOT)	SurplusCenter.com	\$5.35	\$16.05
1	9-6135-50-H	1/2" NPT 30 GPM 1500-3000 PSI RELIEF VALVE RV-H4	SurplusCenter.com	\$42.95	\$42.95
1	Shipping	Surplus Center shipping	SurplusCenter.com	\$31.00	\$31.00

Length (ft)	Cross Section	Description	Source	Price / ft	
2.17	1/8" x 15" x 27"	Expanded Steel	Local Steel Supplier		\$3.75
2	1/8" x 4"	Flat Iron	Local Steel Supplier	\$1.23	\$2.46
1.5	1/4" x 1"	Flat Iron	Local Steel Supplier	\$1.00	\$1.50
5	1/4" x 2"	Flat Iron	Local Steel Supplier	\$3.00	\$15.00
5	1/4" x 6"	Flat Iron	Local Steel Supplier	\$3.53	\$17.65
1.125	1/4" x 8"	Flat Iron	Local Steel Supplier	\$5.14	\$5.78
4	3/8" x 4"	Flat Iron	Local Steel Supplier	\$3.50	\$14.00
2	1/4" x 4"	Flat Iron	Local Steel Supplier	\$3.50	\$7.00
33	1/4" x 2" x 2"	Angle Iron	Local Steel Supplier	\$2.19	\$72.27
4	1/4" x 6" x 12"	Rectangular Tube	Local Steel Supplier	\$20.45	\$81.80

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Qty	Part#	Description	Source	Unit price	
1.25	3/8"	Rebar	Local Steel Supplier	\$2.00	\$2.50
4		Bolt: 3/4" x 2"	Hardware Store	\$2.00	\$8.00
6		Bolt: 1/4" x 3/4"	Hardware Store	\$0.10	\$0.60
2		Bolt: 1/4" x 1 1/2"	Hardware Store	\$0.15	\$0.30
8		Bolt: 5/16" x 1 1/2"	Hardware Store	\$0.20	\$1.60
2		Bolt: 3/8" x 1"	Hardware Store	\$0.30	\$0.60
4		Nylon lock nut: 3/4"	Hardware Store	\$1.00	\$4.00
8		Nylon lock nut: 1/4"	Hardware Store	\$0.07	\$0.56
8		Nylon lock nut: 5/16"	Hardware Store	\$0.10	\$0.80
2		Nylon lock nut: 3/8"	Hardware Store	\$0.12	\$0.24
4		Washer: 3/4"	Hardware Store	\$0.60	\$2.40
6		Washer: 1/4"	Hardware Store	\$0.03	\$0.18
8		Washer: 5/16"	Hardware Store	\$0.05	\$0.40
2		Washer: 3/8"	Hardware Store	\$0.07	\$0.14
1		Copper Tubing: 3/8" x 9"	Hardware Store	\$5.00	\$5.00
1		1 1/2" Black iron NPTF union 2" long (Only use half)	Hardware Store	\$4.00	\$4.00
1		Roll Hydraulic Tape	Hardware Store	\$2.65	\$2.65
1		20" of 1/4" Rubber Fuel line	Hardware Store	\$3.00	\$3.00
1		Quart Rustoleum Black Paint	Hardware Store	\$10.00	\$10.00
4		1/4" Hose Clamp	Hardware Store	\$0.50	\$2.00
2		1 1/2" Hose Clamp	Hardware Store	\$1.00	\$2.00
1		1/4" Key stock (for 1" engine shaft)	Hardware Store	\$1.00	\$1.00
3		2 Gauge Battery Cable – Black	Hardware Store	\$1.00	\$3.00
5		2 Gauge Battery Cable – Red	Hardware Store	\$1.00	\$5.00
1		Compression Coupling 1/4" NPTF X 3/8" TUBING	Hardware Store	\$3.00	\$3.00
1		3/8" Poly Tubing – Fuel/chemical resistant	Hardware Store	\$2.00	\$2.00
1	A1456-ND	CONN PLUG 6POS 94V-2 UNI-MATE	DigiKey.com	\$0.35	\$0.35
6	A97893CT-ND	CONN PIN 20-14AWG TIN UMNL	DigiKey.com	\$0.05	\$0.30

Qty	Part#	Description	Source	Unit price	
1	430-223	STENS UNIVERSAL WIRING HARNESS	Ebay.com	\$16.90	\$16.90
1	430-538	Stens Starter Switch	Amazon.com	\$9.79	\$9.79
1	1268	Hayden Automotive 1268 Heavy Duty Oil Cooler	Amazon.com	\$147.65	\$147.65
1	AD-RAF-12+FMK	Dynasty 12 Inch High Performance Black Electric Radiator Cooling Fan Assembly Kit	Amazon.com	\$23.75	\$23.75
1	49M777 -5460	Briggs & Stratton 28 HP Professional Series w/1" Shaft	SmallEngineSuppliers.com	\$709.95	\$709.95
1	MUF0626R	Briggs Stratton Muffler for 44 and 49 Series	SmallEngineSuppliers.com	\$72.95	\$72.95
1	TE0209	Briggs Stratton Muffler Extension for 44 and 49 Series	SmallEngineSuppliers.com	\$8.95	\$8.95
1	Shipping	Shipping	SmallEngineSuppliers.com	\$141.73	\$141.73
1	STCHR	Steel Filler Neck with Chromed Scalloped Cap	CoyoteGear.com	\$13.95	\$13.95
1	UIP-7	Battery	Auto Parts Store	\$45.00	\$0.00
1		1 1/2" muffler pipe clamp	Auto Parts Store	\$2.95	\$2.95

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1	?	Rubber vibration isolator (Automobile Shock and End Link Bushings – 4 pack)	Auto Parts Store	\$6.00	\$6.00
5		Gallon hydraulic fluid (tractor fluid)	Auto Parts Store	\$6.00	\$0.00
2		Quart motor oil 10W-30	Auto Parts Store	\$2.00	\$0.00
1	Crate	Wood for shipping crate	Home Depot	\$70.00	\$70.00
				<b>Total</b>	<b>\$1,969.43</b>

Note: Prices shown are approximate – some are guesses, others are dated, all exclude sales taxes and shipping fees.