

Power Cube BOM

Qty	Part#	Description	Source	Unit Price	Price
1	9-7843-16	1" NPT STAMPED WELD-IN TANK FLANGE	SurplusCenter.com	\$2.75	\$2.75
1	9-7843-12	3/4" NPT FORGED WELD-IN TANK FLANGE	SurplusCenter.com	\$2.25	\$2.25
1	9-7287-5	5" RESERVOIR SIGHT LEVEL GAUGE W/THERMOMETER	SurplusCenter.com	\$17.95	\$17.95
4	9-1501-12-12	3/4 NPTM x 3/4 NPTF 90 SWIVEL	SurplusCenter.com	\$6.90	\$27.60
3	9-5602-12-12-12	3/4 NPTM x 3/4 NPTF x 3/4 NPTF STREET TEE	SurplusCenter.com	\$6.20	\$18.60
2	9-5602-16-16-16	1 NPTM x 1 NPTF x 1 NPTF STREET TEE	SurplusCenter.com	\$10.95	\$21.90
1	9-5502-16-16	1 NPTM TO 1 NPTF 90 ELBOW	SurplusCenter.com	\$6.75	\$6.75
1	9-5502-12-12	3/4 NPTM to 3/4 NPTF 90 ELBOW	SurplusCenter.com	\$4.45	\$4.45
1	9-5500-16-16	1 NPTM TO 1 NPTM 90 ELBOW	SurplusCenter.com	\$5.20	\$5.20
1	9-5404-16-16	1 NPT HEX NIPPLE	SurplusCenter.com	\$2.65	\$2.65
2	9-4404-16-16	1 HOSEBARB TO 1 NPTM ADAPTER	SurplusCenter.com	\$5.10	\$10.20
1	9-4501-16-16	1 ID HOSE BARB x 1 NPTM 90 ELBOW	SurplusCenter.com	\$6.30	\$6.30
1	9-4604-16-12	1 HOSEBARB TO SAE 12M ADAPTER	SurplusCenter.com	\$5.10	\$5.10
1	455-AA	1/4" HOSE BARB X 1/4" NPTM 4244-4-4	SurplusCenter.com	\$1.45	\$1.45
			http://www.ebay.com/itm/Elbow-Brass-Barb-Fitting-1-4-Hose-x-1-4-NPT-/291478757239		
1	bisonmotorsports	Elbow Brass Barb Fitting 1/4" Hose x 1/4" NPT	NPT-/291478757239	\$4.64	\$4.64
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
1	9-6135-75-H	3/4" NPT 30 GPM 1500-3000 PSI RELIEF VALVE RV-2H	SurplusCenter.com	\$43.65	\$43.65
1	9-1279	1" HYD SUCTION/RETURN HOSE (SOLD BY THE FOOT)	SurplusCenter.com	\$5.35	\$5.35
1	9-6900-10-12	SAE 10M x 3/4 NPTF SWIVEL	SurplusCenter.com	\$3.69	\$3.69
1	9-5404-12-12	3/4 NPT HEX NIPPLE	SurplusCenter.com	\$2.70	\$2.70
1	9-5406-12-4	3/4 NPT TO 1/4 NPT BUSHING	SurplusCenter.com	\$2.45	\$2.45
1	9-5406-16-12	1 NPT TO 3/4 NPT BUSHING	SurplusCenter.com	\$2.30	\$2.30
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	1-1563-E	1" SHAFT COUPLER	SurplusCenter.com	\$10.20	\$10.20
1	1-1495	5/8 9T SPLINED COUPLING 03-32-00027	SurplusCenter.com	\$9.70	\$9.70
1	9-1788-A	0.976 cu in PRINCE SP20B16A9H9R HYD PUMP	SurplusCenter.com	\$198.75	\$198.75
3	20-1652-100	1" NPT FIP BRASS 600 PSI BALL VALVE	SurplusCenter.com	\$7.99	\$23.97
2	9-078-12	3/4" X 12" 3/4 NPTM X 3/4 NPTM 2250 PSI HYD HOSE	SurplusCenter.com	\$11.95	\$23.90
3	9-078-18	3/4" X 18" 3/4 NPTM X 3/4 NPTM 2250 PSI HYD HOSE	SurplusCenter.com	\$13.95	\$35.85
1	Shipping	Surplus Center shipping	SurplusCenter.com	\$31.00	\$31.00

Length (ft)	Cross Section	Description	Source	Price / ft	
32"	1/4" x 4" x 4"	Rectangular Tube – with 1 1/16" holes every 4" on each face	OSE	?	
36"	1/4" x 4" x 4"	Rectangular Tube – with 1 1/16" holes every 4" on each face	OSE	?	
1.6	1/8" x 15" x 26"	Expanded Steel	Local Steel Supplier	\$2.00	\$3.75

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1	1/8" x 5" x 8"	Flat Iron	Local Steel Supplier	\$2.00	\$2.00
1	1/8" x 4"	Flat Iron	Local Steel Supplier	\$1.23	\$1.23
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
1	1/4" x 8"	Flat Iron	Local Steel Supplier	\$5.14	\$5.14
2	1/4" x 4"	Flat Iron	Local Steel Supplier	\$3.50	\$7.00
1	1/4" x 2" x 2"	Angle Iron	Local Steel Supplier	\$2.19	\$2.19
4	1/4" x 6" x 12"	Rectangular Tube	Local Steel Supplier	\$20.45	\$81.80

Qty	Description	Source	Unit price	
24	Bolt: 1" x 9 1/2"	Hardware Store	\$4.00	\$96.00
4	Bolt: 1" x 5 1/2"	Hardware Store	\$2.50	\$10.00
28	Nut: 1"	Hardware Store	\$0.50	\$14.00
28	Lock Washer: 1"	Hardware Store	\$0.25	\$7.00
8	Bolt: 3/4" x 3"	Hardware Store	\$3.00	\$24.00
2	Bolt: 3/4" x 5 1/2"	Hardware Store	\$4.00	\$8.00
16	Flat Washer: 3/4"	Hardware Store	\$0.25	\$4.00
10	Nylon lock nut: 3/4"	Hardware Store	\$0.50	\$5.00
4	Bolt: 5/16" x 1 1/2"	Hardware Store	\$0.20	\$0.80
4	Nylon lock nut: 5/16"	Hardware Store	\$0.10	\$0.40
4	Washer: 5/16"	Hardware Store	\$0.05	\$0.20
2	Bolt: 7/16" x 1"	Hardware Store	\$0.30	\$0.60
2	7/16" Flat Washer	Hardware Store	\$0.10	\$0.20
2	Nylon lock nut: 7/16"	Hardware Store	\$0.12	\$0.24
8	Bolt: 1/2" x 5"	Hardware Store	\$0.30	\$2.40
12	1/2" Flat Washer	Hardware Store	\$0.10	\$1.20
8	Nylon lock nut: 1/2"	Hardware Store	\$0.12	\$0.96
2	Bolt: 1/4" x 1 1/2"	Hardware Store	\$0.15	\$0.30
2	Nylon lock nut: 1/4"	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
10	A97893CT-ND CONN PIN 20-14AWG TIN UMNL	DigiKey.com	\$0.05	\$0.50
1	100 ea: 14-16 (BLUE) Gauge Male-Female Solderless Crimp Bullet Plug Connectors	Amazon.com	\$5.79	\$5.79

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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
2	690970	Briggs & Stratton Muffler gasket	SmallEngineSuppliers.com	\$2.95	\$5.90
1	Shipping	Shipping	SmallEngineSuppliers.com	\$141.73	\$141.73
1		1 1/2" muffler clamp (U Bolt)	Auto Parts Store	\$2.95	\$2.95
4	690341	Hex bolt: 5/16-18 x 7/8	Hardware Store	\$2.45	\$9.80
1	STCHR	Steel Filler Neck with Chromed Scalloped Cap	CoyoteGear.com	\$13.95	\$13.95
1	U1P-7	Battery	Auto Parts Store	\$45.00	\$0.00
1	?	Rubber vibration isolator (Trailer Bumper Package – 4 pack)	Amazon.com	\$10.99	\$10.99
7		Gallon hydraulic fluid (tractor fluid)	Auto Parts Store	\$6.00	\$42.00
2		Quart motor oil 10W-30	Auto Parts Store	\$2.00	\$4.00

Total \$2,178.35

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

\$113.86

