

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 | 50 X Blue Male Female Bullet Connector Crimp Terminals Wiring PS | Ebay.com | \$1.67 | \$1.67 |

Sheet1

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|-----|---------------|---|--------------------------|------------|----------|
| 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 \$2,174.23

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

\$113.86

