

Robot Pneumatic Components List

Parts Used on the BattleBot Accelerator

| Manufacturer | Part Number | Description | Quantity | Cost | Extension |
|--------------|-------------------|---------------------------------|----------|---------|-----------|
| SMC Inc | KQ2H11-35S | 3/8"One Touch Male Connector | 4 | \$2.50 | 10 |
| SMC Inc | KQ2L11-35S | 3/8"One Touch Male Elbow (90 de | 6 | \$2.75 | 16.5 |
| SMC Inc | KQ2L11-00 | 3/8"One Touch Union Elbow (90 d | 6 | \$3.75 | 22.5 |
| SMC Inc | KQ2T11-35S | 3/8"One Touch Branch T | 1 | \$4.25 | 4.25 |
| SMC Inc | KQ2T11-00 | 3/8"One Touch Union T | 1 | \$4.25 | 4.25 |
| SMC Inc | TIUB11B-20 | 3/8"ODx20M Flex Nylon Blk Tubin | 1 | \$35.00 | 35 |
| SMC Inc | NCQ2A40-50S-X48US | 40mm x 3" Compact Cylinder | 4 | \$75.00 | 300 |
| SMC Inc | NVFS2120-6G-02T | 5/2 Solenoid Valve 12 Volts | 1 | \$50.00 | 50 |

SMC Corporation
<http://www.smcusa.com>

SUBTOTAL 442.5 442.5

Regulator Components

Parts used to Construct the Regulator/Storage Tank system

| Manufacturer | Part Number | Description | Quantity | Cost | Extension |
|--------------------|----------------|---------------------------------|----------|----------|-----------|
| Air America | NGBRC02-IQ | Tobor HPA Pneumatic Regulator | 1 | \$175.00 | 175 |
| Catalina cylinders | 68 ci Aluminum | Catalina Aluminum HPA Storage T | 1 | \$89.00 | 89 |
| Swagelok | B-2P4P4 | On/off/Bleed Valve | 1 | \$27.95 | 264 |
| Swagelok | B-4CPA2-150 | Pressure Relief/Check Valve | 1 | \$35.00 | |
| SMC | | | | | |

Air America Weapons Systems
<http://www.airamerica.com/home.htm>

Fill Station Components

Parts Used to Construct the Fill Apparatus

| Manufacturer | Part Number | Description | Quantity | Cost | Extension | |
|---------------------|-------------------------|----------------------------------|----------|---------|-----------|-------|
| WIKA | 8985029 | 2" x 4000 psi 1/4"NPT Pressure G | 1 | \$17.50 | 17.5 | |
| Superior Products | CGA 580 | Nitrogen Tank Adaptor Nut | 1 | \$2.75 | 2.75 | |
| Superior Products | Stem Pole with 1/4" NPT | Stem Pole for 580 Nut | 1 | \$3.75 | 3.75 | |
| Superior Products | V333 | Brass Shut off Valve 3000psi | 2 | \$13.75 | 27.5 | |
| Superior Products | PFT 4HP | 1/4" NPT Brass T 3000psi | 1 | \$4.25 | 4.25 | |
| Superior Products | CGA_580 PTFE/Stainless | 1/4"NPT FMale x 1/4" NPT Male | 1 | \$75.00 | 75 | |
| Paintball warehouse | 14-2-QDSS | 1/4" QD Quick disconnect set | 1 | \$19.95 | 19.95 | |
| Sub Total | | | | | 150.7 | 150.7 |

WIKA Alexander Wiegand GmbH & Co. KG
<http://www.wika.de/english>

Total 857.2

Superior Products Inc
<http://www.superiorprod.com/>

Paintball Warehouse.com
<http://store.paintballwarehouse.com/quicdissetst.html>