

2010 Spare Parts Inventory



The table below lists the items that have been packed in the spare parts cases for the Regional events. Items will be distributed on a first come/first serve basis.

All teams are encouraged to bring their own extra parts and material to share with other teams at the event.

Green text = no restrictions on distribution

Blue text = distribute only if faulty item turned in

Red text = loan only with event staff approval AND team contact information
(if not returned, team will be invoiced for the item)

Black text = loan to specific teams only

| Item | Qty packed |
|---|------------------|
| Accumulator | 10 |
| Battery: Elimination Match | 8 |
| Battery: International | varies per truck |
| Brass bag | 3 |
| Breadboard | 2 |
| Breakout: Analog | 4 |
| Breakout: Solenoid | 4 |
| Breakout: Mounting Hardware, set (2 screws/set) | 10 |
| Cable: 2-wire jumper | 3 |
| Cable: DB37 | 2 |
| Cable: Ethernet , gray | 5 |
| Cable: Ethernet, black | 3 |
| Cable: Ethernet X-over, pink | 2 |

| Item | Qty packed |
|-------------------------------|------------|
| Cable: Y | 2 |
| Camera Bracket: Axis Case | 2 |
| Camera Bracket: Base | 2 |
| Camera Bracket: Pan Plate | 2 |
| Camera Bracket: Servo Brace | 2 |
| Chain, 20ft | 1 |
| Circuit Breaker: 120A | 10 |
| Circuit Breaker: 20Amp | 8 |
| Circuit Breaker: 30Amp | 4 |
| Circuit Breaker: 40Amp | 10 |
| Classmate netbook/adaptor | 2 |
| Compressor | 1 |
| Connector: Battery | 8 |
| Connector: cRIO | 10 |
| Connector: Wago | 5 |
| Coupler: Denso motor, 6 tooth | 8 |
| cRIO & modules | 5 |
| cRIO: gasket kit | 5 |
| Digital Sidecar | 3 |
| Fan (large) | 4 |
| Fan (sm) | 15 |
| FESTO valve | 6 |
| FirstTouch I/O Module | 1 |
| Fittings, pneumatic | assortment |
| Gloves, pair | 2 |
| Hub, USB, 4-port | 3 |
| Latex Tubing | 5 |
| Lead screw | 2 |
| Light, Robot Signal | 5 |

| Item | Qty packed |
|---|------------|
| Limit Switch, standard | 10 |
| Limit Switch, rotary | 4 |
| Master Link, 1 pitch | 8 |
| Master Link, ½ pitch | 8 |
| Motor: 2.5" CIM | 10 |
| Motor: Denso, -3030 | 10 |
| Motor: Denso, - 3040 | 10 |
| Motor: Mabuchi, -2670, short shaft | 10 |
| Motor: Mabuchi, -3754, long shaft | 10 |
| Pneumatic tubing | 25' |
| Power Distribution Board | 3 |
| Pressure Gauge: Norgren | 5 |
| Pressure Gauge: WIKA | 5 |
| Pressure Switch, Nason | 8 |
| Radio, Robot | 3 |
| Regulator Bracket, Main, Norgren | 5 |
| Regulator, Main, Norgren, adjustable | 8 |
| Regulator/bracket, secondary, yellow ring | 5 |
| Relay Module (Spike) | 3 |
| Relief Valve, Norgren | 5 |
| Servo, hs322hd | 2 |
| Speed Controller (Jaguar) | 4 |
| Speed Controller (Victor 884) | 2 |
| Sprocket: output, 15-tooth, single | 4 |
| Teflon tape | 5 |
| Terminal strip | 8 |
| Terminals, battery, compression | 8 |
| Terminals, battery, mechanical | 8 |
| Terminals, assorted | assortment |

| Item | Qty packed |
|---------------------|------------|
| Tie wraps, 4" | some |
| Tie wraps, 8" | some |
| Wire, 10AWG, Black | 10' |
| Wire, 10AWG, Red | 10' |
| Wire, 14AWG, Black | 10' |
| Wire, 14AWG, Red | 10' |
| Wire, 18AWG, Black | 5' |
| Wire, 18AWG, Red | 5' |
| Wire, 6AWG, Black | 5' |
| Wire, 6AWG, Red | 5' |
| Vibration isolators | some |