**Fleetcraft Coiled Cable Assemblies**

- Remains flexible in low temperature
- Excellent long life memory.
- Tough black jacket resists abrasion, common commercial degreasers, solvents.
- Phillips Die-cast metal plugs with springs.

<table>
<thead>
<tr>
<th>Working Length</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Foot</td>
<td>1010186</td>
</tr>
<tr>
<td>15 Foot</td>
<td>1010188</td>
</tr>
</tbody>
</table>

**Grote UltraLink Power Cord Coiled Cable Assembly**

19 foot working Length

Extra power delivery for single or double configurations exceeding minimum legal lamp requirements.

- Remains flexible at -55° to 190° F.
- Extra tough urethane jacket material
- Completely sealed to prevent corrosion.
- Shock proof, solid molded elastomeric plug body.
- Exceeds SAE J1067 and J2222 requirements.

<table>
<thead>
<tr>
<th>Working Length</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>One 10-Gauge, six 12-Gauge Wires</td>
<td>GR87024</td>
</tr>
</tbody>
</table>

**PHILLIPS ABS PERMACOIL™**

- Comes with two 15-730 plugs.
- Bright Green Jacket
- Good Abrasion resistance
- -87° to +150 temperature range
- Good recoil memory, and large finger grips.

<table>
<thead>
<tr>
<th>Working Length</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Foot</td>
<td>30-4321</td>
</tr>
<tr>
<td>15 Foot</td>
<td>30-4621</td>
</tr>
<tr>
<td>15 Foot with 48” lead</td>
<td>30-4921</td>
</tr>
</tbody>
</table>
**Phillips ABS LECTRACOIL™**

The NHTSA approved method for powering trailers and dolly ABS systems requires a separate, constant power circuit (Blue) and a standby circuit (Red). The RP137 issued by the Maintenance Council (TMC) division of the ATA, recommends power availability to the electrical coil cord of the tractor of 10 amps at 12.5 volts for the blue (auxiliary) and red (stoplight) circuit. The ABS LECTRACOIL™ complies with all of the above. The LECTRACOIL™ is provided with the same durable jacketing as the Duracoil, in a distinctive "lectra green" color which provides instant recognition. Exceeds SAE J2222.

The Phillips LECTRACOIL™ provides the following to tractor manufacturers in North America:

- 8 Ga. white ground
- 10 Ga. red stop light
- 10 Ga. blue (ABS power)
- 12 Ga. brown, black, yellow, green, for conventional trailer lighting.

<table>
<thead>
<tr>
<th>LECTRACOIL™ 4/12, 2/10, 1/8 Ga.</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Length</td>
<td></td>
</tr>
<tr>
<td>15 ft.</td>
<td>30-9620</td>
</tr>
<tr>
<td>15 ft., With 40” Lead</td>
<td>30-9920</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phillips Duracoil™ Anti-Lock (FMVSS-121)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 7 conductors in red jacketing</td>
</tr>
<tr>
<td>• Remains flexible from -87° F to 195° F.</td>
</tr>
<tr>
<td>• Primarily considered OEM quality by its distinctive red jacket. Designed to be used for all longer single, double and triple applications.</td>
</tr>
<tr>
<td>• Meets SAE J1067</td>
</tr>
<tr>
<td>• All connector pins are double crimped for maximum conductivity and durability and meets SAE J560B.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Working Length</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Foot with 40” Lead</td>
<td>32-9920</td>
</tr>
</tbody>
</table>

**Phillips Duracoil™**

Heavy Duty Cable Assemblies

- Remains flexible from -87° F to 195° F.
- Superior long life memory, flexibility, and abrasion resistance.
- Black jacket with nylon Permaplugs
- Standard with anticorrosive lithium grease for longer life.
- Meets or exceeds SAE J560 or J2222.

<table>
<thead>
<tr>
<th>Heavy Duty, 6 12-Gauge wires, 1 10-Gauge Wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>With 2 Metal Plugs with Springs</td>
</tr>
<tr>
<td>Working Length</td>
</tr>
<tr>
<td>12 Foot with one 6 foot lead</td>
</tr>
<tr>
<td>15 Foot with one 6 foot lead</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phillips Duracoil™ Anti-Lock (FMVSS-121)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 7 conductors in red jacketing</td>
</tr>
<tr>
<td>• Remains flexible from -87° F to 195° F.</td>
</tr>
<tr>
<td>• Primarily considered OEM quality by its distinctive red jacket. Designed to be used for all longer single, double and triple applications.</td>
</tr>
<tr>
<td>• Meets SAE J1067</td>
</tr>
<tr>
<td>• All connector pins are double crimped for maximum conductivity and durability and meets SAE J560B.</td>
</tr>
</tbody>
</table>
**ELECTRICAL CABLE ASSEMBLIES**

**Phillips Heavy Duty Permacoil Cable Assemblies**
- Remains flexible in low temperatures
- Excellent long life memory.
- Blue jacket with nylon Permaplugs
- Standard with anticorrosive lithium grease for longer life.

<table>
<thead>
<tr>
<th>Heavy Duty, 6 12-Gauge Wires, 1 10-Gauge Wire</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Length</td>
<td></td>
</tr>
<tr>
<td>12 Foot</td>
<td>22-4320</td>
</tr>
</tbody>
</table>

**Duraflex Straight Cable Assembly 7 Conductor**
- Operational from -40° F to 175° F
- Plugs equipped with strain-relief springs
- Plugs protected with anticorrosive grease
- Connector pins meet SAE J560
- Rated at 110 amps - continuous service

<table>
<thead>
<tr>
<th>6/12-Gauge, 1/10-Gauge</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td></td>
</tr>
<tr>
<td>12 Foot</td>
<td>22-2051</td>
</tr>
<tr>
<td>15 Foot</td>
<td>22-2071</td>
</tr>
</tbody>
</table>

**Single Pole Coiled Lift Gate Cable Assembly**
- Operational from -50° F to 150° F
- Used for lift gate and remote battery charging applications - has dark green jacket
- Maximum current carrying capacity 200 amps
- Coil exceeds SAE J2222
- Includes 2 single pole plugs with springs

<table>
<thead>
<tr>
<th>4 Gauge Fine Strand Copper</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Length</td>
<td></td>
</tr>
<tr>
<td>12 Foot</td>
<td>23-4325</td>
</tr>
<tr>
<td>15 Foot</td>
<td>23-4625</td>
</tr>
</tbody>
</table>

**Six Conductor, 10' Mini-Coil**
- 6 14-Gauge Wires, two 15-610 plugs

<table>
<thead>
<tr>
<th>Working Length</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Foot</td>
<td>19-6710</td>
</tr>
</tbody>
</table>
ELECTRICAL WIRE & TRAILER CABLE

Fleetcraft™ Bulk Trailer Cable

<table>
<thead>
<tr>
<th>Part No.</th>
<th>No. of Wires</th>
<th>Wire Gauge</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1011861</td>
<td>4</td>
<td>14</td>
<td>100'</td>
</tr>
<tr>
<td>1011861-500</td>
<td>4</td>
<td>14</td>
<td>500'</td>
</tr>
<tr>
<td>1094755</td>
<td>6</td>
<td>14</td>
<td>100'</td>
</tr>
<tr>
<td>1094755-500</td>
<td>6</td>
<td>14</td>
<td>500'</td>
</tr>
<tr>
<td>1010126</td>
<td>7</td>
<td>6-14/1-12</td>
<td>100'</td>
</tr>
<tr>
<td>1010126-500</td>
<td>7</td>
<td>6-14/1-12</td>
<td>500'</td>
</tr>
<tr>
<td>1011410</td>
<td>7</td>
<td>6-12/1-10</td>
<td>100'</td>
</tr>
<tr>
<td>1011410-500</td>
<td>7</td>
<td>6-12/1-10</td>
<td>500'</td>
</tr>
</tbody>
</table>

Phillips ABS LECTRAFLEX™

7 Conductor ABS Cable

- 8 Ga. white ground
- 10 Ga. red stop light
- 10 Ga. blue (ABS power)
- 12 Ga. brown, black, yellow, green, for conventional trailer lighting.

The LECTRAFLEX™ is provided with the same durable jacketing as the Duracoil, in a distinctive “lectra green” color which provides instant recognition. Exceeds SAE J2222.

7 Conductor LECTRAFLEX™ ABS Cable

LECTRAFLEX™ 4/12, 2/10, 1/8 Ga.

Primary Wire in 100 Foot Spools

- Soft Annealed Copper
- Resists most chemicals, moisture, abrasion
- SAE J1128

PVC Insulated Primary Wire

<table>
<thead>
<tr>
<th>Color</th>
<th>14 Gauge</th>
<th>12 Gauge</th>
<th>10 Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>2-121</td>
<td>2-131</td>
<td>2-141</td>
</tr>
<tr>
<td>Blue</td>
<td>2-122</td>
<td>2-132</td>
<td>2-142</td>
</tr>
<tr>
<td>Brown</td>
<td>2-123</td>
<td>2-133</td>
<td>-</td>
</tr>
<tr>
<td>Green</td>
<td>2-124</td>
<td>2-134</td>
<td>2-144</td>
</tr>
<tr>
<td>Red</td>
<td>2-125</td>
<td>2-135</td>
<td>2-145</td>
</tr>
<tr>
<td>White</td>
<td>2-126</td>
<td>2-136</td>
<td>2-146</td>
</tr>
<tr>
<td>Yellow</td>
<td>2-127</td>
<td>2-137</td>
<td>2-147</td>
</tr>
</tbody>
</table>
### Polyethylene Split Loom
- Split seam feature allows for easy wire insertion and service.
- Excellent for high heat, high abrasion applications.
- UV stabilized, black in color

<table>
<thead>
<tr>
<th>Part No.</th>
<th>I.D.</th>
<th>Part No.</th>
<th>I.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-023</td>
<td>1/4&quot;</td>
<td>5-029</td>
<td>5/8&quot;</td>
</tr>
<tr>
<td>5-025</td>
<td>3/8&quot;</td>
<td>5-030</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>5-027</td>
<td>1/2&quot;</td>
<td>5-032</td>
<td>1&quot;</td>
</tr>
</tbody>
</table>

### Insulated Wire Connectors
**Watertight Shrink and Seal Insulated Ring Terminals**
- Crimp, heat, and shrink to fit for watertight connection

<table>
<thead>
<tr>
<th>Ring Size</th>
<th>Part No.</th>
<th>Ring Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8</td>
<td>1-1926</td>
<td>1/2</td>
<td>1-1937</td>
</tr>
<tr>
<td>5/16</td>
<td>1-1925</td>
<td>3/8</td>
<td>1-1936</td>
</tr>
<tr>
<td>1/4</td>
<td>1-1924</td>
<td>5/16</td>
<td>1-1935</td>
</tr>
<tr>
<td>10</td>
<td>1-1923</td>
<td>10</td>
<td>1-1933</td>
</tr>
<tr>
<td>8</td>
<td>1-1922</td>
<td>8</td>
<td>1-1932</td>
</tr>
</tbody>
</table>

**Stud Hole Sizes**
- 8, 10, 1/4, 5/16, 3/8

**Watertight Shrink and Seal Insulated Butt Connectors**
- Crimp, heat, and shrink to fit for watertight connection

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Part No.</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1963</td>
<td>1-1962</td>
<td>1-1961</td>
</tr>
</tbody>
</table>

**Stud Hole Sizes**
- 6, 8, 10, 1/4, 5/16, 3/8

**Crimp Type Vinyl Insulated Ring Terminals**
- To avoid corrosion from moisture, heat shrink tubing is recommended after crimping for a watertight connection.

<table>
<thead>
<tr>
<th>Ring Size</th>
<th>Part No.</th>
<th>Ring Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8</td>
<td>1-2126</td>
<td>3/8</td>
<td>1-2145</td>
</tr>
<tr>
<td>5/16</td>
<td>1-2125</td>
<td>5/16</td>
<td>1-2146</td>
</tr>
<tr>
<td>1/4</td>
<td>1-2124</td>
<td>1/4</td>
<td>1-2144</td>
</tr>
<tr>
<td>10</td>
<td>1-2123</td>
<td>10</td>
<td>1-2143</td>
</tr>
<tr>
<td>8</td>
<td>1-2122</td>
<td>8</td>
<td>1-2147</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>1-2142</td>
</tr>
</tbody>
</table>

**Stud Hole Sizes**
- 6, 8, 10, 1/4, 5/16, 3/8

**Crimp Type Insulated Butt Connectors**
- To avoid corrosion from moisture, heat shrink tubing is recommended after crimping for a watertight connection.

<table>
<thead>
<tr>
<th>Vinyl Insulation</th>
<th>Nylon Insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauge</td>
<td>Part No.</td>
</tr>
<tr>
<td>12 - 10 (Yellow)</td>
<td>1-2620</td>
</tr>
<tr>
<td>16 - 14 (Blue)</td>
<td>1-2640</td>
</tr>
<tr>
<td>22 - 18 (Red)</td>
<td>1-2660</td>
</tr>
</tbody>
</table>

**Gauge**
- 12 - 10 (Yellow) 1-2620, 1-2263
- 16 - 14 (Blue) 1-2640, 1-2262
- 22 - 18 (Red) 1-2660, 1-2261
INSULATED WIRE CONNECTORS

Economy Crimp Type Insulated Butt Connectors
Plastic PVC insulated sleeve in quantities of 100

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 - 10 (Yellow)</td>
<td>YB100</td>
</tr>
<tr>
<td>16 - 14 (Blue)</td>
<td>BB100</td>
</tr>
<tr>
<td>22 - 18 (Red)</td>
<td>RB100</td>
</tr>
</tbody>
</table>

Crimp Type Slide Terminals

<table>
<thead>
<tr>
<th>12 - 10 Ga. (Yellow)</th>
<th>16 - 14 Ga. (Blue)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl</td>
<td>Vinyl</td>
</tr>
<tr>
<td>Nylon</td>
<td>Nylon</td>
</tr>
<tr>
<td>1-2312</td>
<td>1-2314</td>
</tr>
<tr>
<td>1-2274</td>
<td>1-2272</td>
</tr>
</tbody>
</table>

3 Way Terminal
For 16 - 14 Gauge Wire
Part No. 1-2193

Spade Type Wire Connector

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Gauge</th>
<th>Stud Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2443</td>
<td>16-14Ga</td>
<td>10 Spade</td>
</tr>
</tbody>
</table>

Self Stripping Quick Lock Connectors

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>Color</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 - 14 Ga.</td>
<td>Blue</td>
<td>1-2335</td>
</tr>
</tbody>
</table>

Economy Connector

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Pack Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 - 14 Ga.</td>
<td>White</td>
<td>BC50</td>
<td>50</td>
</tr>
</tbody>
</table>

NYLON CABLE TIES

Standard Cable Ties

<table>
<thead>
<tr>
<th>Length</th>
<th>Color</th>
<th>Max. Bundle Dia.</th>
<th>Tensile Strength (lbs.)</th>
<th>Pack Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>Natural</td>
<td>4&quot;</td>
<td>18</td>
<td>100</td>
<td>1-4001</td>
</tr>
<tr>
<td>8&quot;</td>
<td>Natural</td>
<td>2&quot;</td>
<td>50</td>
<td>100</td>
<td>GR83-6818</td>
</tr>
<tr>
<td>151/4&quot;</td>
<td>Natural</td>
<td>4&quot;</td>
<td>50</td>
<td>100</td>
<td>GR83-6826</td>
</tr>
<tr>
<td>151/4&quot;</td>
<td>Natural</td>
<td>4&quot;</td>
<td>120</td>
<td>100</td>
<td>GR83-6828</td>
</tr>
<tr>
<td>21&quot;</td>
<td>Black</td>
<td>6&quot;</td>
<td>175</td>
<td>25</td>
<td>T150MOX2</td>
</tr>
</tbody>
</table>
### Battery and Starter Cable

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
<th>Strands</th>
<th>Color</th>
<th>O. D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-503</td>
<td>4 Ga.</td>
<td>133 x 26</td>
<td>Red</td>
<td>.390</td>
</tr>
<tr>
<td>3-504</td>
<td>4 Ga.</td>
<td>133 x 26</td>
<td>Black</td>
<td>.395</td>
</tr>
<tr>
<td>3-505</td>
<td>2 Ga.</td>
<td>133 x 24</td>
<td>Red</td>
<td>.435</td>
</tr>
<tr>
<td>3-506</td>
<td>2 Ga.</td>
<td>133 x 24</td>
<td>Black</td>
<td>.435</td>
</tr>
<tr>
<td>3-510</td>
<td>1/0 Ga.</td>
<td>133 x 21</td>
<td>Black</td>
<td>.555</td>
</tr>
<tr>
<td>3-511</td>
<td>2/0 Ga.</td>
<td>259 x 23</td>
<td>Red</td>
<td>.595</td>
</tr>
<tr>
<td>3-512</td>
<td>2/0 Ga.</td>
<td>259 x 23</td>
<td>Black</td>
<td>.595</td>
</tr>
<tr>
<td>3-514</td>
<td>3/0 Ga.</td>
<td>259 x 22</td>
<td>Black</td>
<td>.670</td>
</tr>
</tbody>
</table>

- 25 Foot lengths
- Rope stranded for increased flexibility
- Made of soft annealed, fully stranded copper conductors

### Battery Terminals

#### Crimpable Copper 90 Right Angle

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Wire Gauge</th>
<th>Post Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-535</td>
<td>2/0</td>
<td>Pos.</td>
</tr>
</tbody>
</table>

#### Crimpable Copper Closed End Elbow Right

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Wire Gauge</th>
<th>Post Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-557</td>
<td>2/0</td>
<td>Neg.</td>
</tr>
</tbody>
</table>

#### Crimpable Copper Post Type

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Wire Gauge</th>
<th>Post Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-511</td>
<td>1/0</td>
<td>Pos</td>
</tr>
<tr>
<td>7-513</td>
<td>1/0</td>
<td>Neg</td>
</tr>
<tr>
<td>7-515</td>
<td>2/0</td>
<td>Pos</td>
</tr>
<tr>
<td>7-517</td>
<td>2/0</td>
<td>Neg</td>
</tr>
</tbody>
</table>

#### Tin Plated Copper Ground Lugs

- Flared Opening
- Crimp or Solder

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Wire Gauge</th>
<th>Stud Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-203</td>
<td>2/0</td>
<td>Pos</td>
</tr>
<tr>
<td>7-204</td>
<td>2/0</td>
<td>Neg</td>
</tr>
</tbody>
</table>

#### 3/8” Nut

Corrosion resistant nut for Group 31 terminal securement

Part No. 7-186

#### Battery to Battery Cable, Group 31

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Gauge</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>058-118</td>
<td>2</td>
<td>8”</td>
</tr>
</tbody>
</table>

2/0 copper terminals with shrink tubing

#### Ground Strap

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Gauge</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-150</td>
<td>4</td>
<td>12”</td>
</tr>
</tbody>
</table>

#### Lead Charging Post For 3/8” Stud Type

Part No. 7-155

#### Circuit Breaker 150 AMP Manual Reset

Part No. 54-872PL
SHRINK TUBING, ACCESSORIES

An easy to use tubing that shrinks without melting - just slip over wire or splice and heat. Inner wall melts, providing a moistureproof connection.
- Color Coded
- Insulates wire splices
- Reinforces the terminal/wire connection

### Single Wall for Primary Wire

<table>
<thead>
<tr>
<th>Part No.</th>
<th>I. D. Before</th>
<th>I. D. After</th>
<th>Color</th>
<th>Wire Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-102</td>
<td>1/8”</td>
<td>1/16”</td>
<td>Red</td>
<td>18</td>
</tr>
<tr>
<td>6-104</td>
<td>3/16”</td>
<td>1/8”</td>
<td>Blue</td>
<td>16-14</td>
</tr>
<tr>
<td>6-106</td>
<td>1/4”</td>
<td>1/8”</td>
<td>Yellow</td>
<td>12-10</td>
</tr>
</tbody>
</table>

### Dual Wall for Primary Wire

<table>
<thead>
<tr>
<th>Part No.</th>
<th>I. D. Before</th>
<th>I. D. After</th>
<th>Color</th>
<th>Wire Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-202</td>
<td>3/8”</td>
<td>1/8”</td>
<td>Black</td>
<td>8</td>
</tr>
<tr>
<td>6-204</td>
<td>1/2”</td>
<td>1/8”</td>
<td>Black</td>
<td>6-2</td>
</tr>
<tr>
<td>6-206</td>
<td>11/8”</td>
<td>3/8”</td>
<td>Black</td>
<td>4/0-1</td>
</tr>
<tr>
<td>6-207</td>
<td>11/8”</td>
<td>3/8”</td>
<td>Red</td>
<td>4/0-1</td>
</tr>
</tbody>
</table>

ELECTRICAL TAPE

All Purpose Grade
Vinyl Electrical Tape
7 Mil, 3/4” Wide,
60 Foot Rolls
UL Listed
Part No. 10200ET

BATTERY POST CLEANER

Heavy Duty battery
Post & Terminal Brush
Part No. 4-120

SWITCHES

**Push - Pull Switch**
Extra Heavy Duty 2 Position
6 - 28 Volts - 75 Amp S.P.S.T.
Off-On Heavy duty die cast body, chrome plated knob, copper terminals. Mounting stem 5/8” long, 15/32” diameter.
Part No. 35-306

**Push - Pull Switch**
Moderate duty, 2 position.
Off-On 25 amp at 6V, 15 Amp at 12V.
Mounting stem 5/8” long, 7/16” diameter.
Ivory plastic knob.
Part No. 35-300

**Push - Pull Switch**
Heavy Duty
Mounts through 5/8” diameter hole. Illuminated knob, 20 amp capacity, single pole normally open circuit.
Part No. TL102

**Toggle Switches**
6 - 24V, 50 Amp
MOM On-Off MOM On
S.P.D.T. 3 Positions/ 3 Screw Terminals
Part No. 34-215

On-Off-On S.P.D.T. 3 Positions/3 Screw Terminals
Part No. 34-218

**Toggle Switch**
6 - 24V, 50 Amp.
On - Off S.P.S.T.
2 Positions, 2 Screw Terminals
Part No. 34-212

**Keyed On/Off Switch**
2 hole mounting pattern
Part No. 31-602

**Toggle Switch**
6 - 24V, 50 Amp.
On - Off S.P.S.T.
2 Positions, 2 Screw Terminals
1 1/2” Long Bat handle
Part No. 34-213
**Dimmer Switch**
- Floor mounted type, 3 special terminals.
- Part No. 52-251
- Replaces: American Motors 3156124, 3160926, Chrysler 1841895, 1881938, 2291202, Ford B9A-13532A (2701524)

**Dimmer Switch**
- Floor mounted type, 3 special terminals
- Part No. 52-252
- Replaces: Ford COTF-13A024A, COTZ-13A024A

**Dimmer Switch**
- Special floor mounted type, 3 special terminals for plug connection.
- Part No. 52-253
- Replaces: Delco-Remy 1997028, 1997031, 1997035, 1997036, 1997037, 3841892, GM 538446, 539288, 578005

**Toggle Switch**
- 6 - 24V, 20 Amp
- On-Off S.P.S.T.
- 2 Positions, 2 Screw Terminals
- Part No. 34-571

**Toggle Switch**
- 6 - 24V, 20 Amp
- On-Off-On S.P.D.T.
- 3 Positions, 3 Screw Terminals
- Part No. 34-573

**Toggle Switch**
- 6 - 24V, 20 Amp
- MOM On-Off MOM On S.P.D.T.
- 3 Positions/3 Screw Terminals
- Part No. 34-575

**Pollak**

**Toggle Switch**
- 6 - 24V, 20 Amp
- On-Off S.P.S.T.
- 2 Positions, 2 Screw Terminals
- Part No. 34-576

**Toggle Switch**
- 6 - 24V, 20 Amp
- On-Off-On D.P.D.T.
- 2 Positions, 6 Screw Terminals
- Part No. 34-577

**Pollak**

**Ignition Starter Switch**
- 4 position - 2 keys supplied.
- Terminal nuts, lock washers, hex back nut, knurled face nut supplied, diecast housing.
- Fits panel with 3/4" hole.
- Part No. 31-103

**Switch**
- Backup Lamp
- Universal type.
- 2 threaded studs.
- Part No. 21-458
- Replaces: Kenworth, K30133, Freightliner 06-10525, Mack 1MR2297, others

**Breakaway Switch**
- Reinforced nylon case, silver contact points, nylon pull pin.

**Momentary Start Switch**
- 60 amps at 12V, 40 amps at 24V.
- Weather and dustproof.
- Part No. 24-360

**Rocker Switch**
- Universal, snap in type mounting bracket.
- Part No. 34-305

**Dimmer Switch**
- Universal - with 3 flat screw terminals and 4 bullet terminals supplied in separate hardware kit. 3 screw terminals.
- Part No. 52-250
**Master Disconnect Switch**
Lever operated - 6 - 36V;
180 amps continuous capacity;
1000 amps in rush. S.P.S.T. (Off-On)
2 stud terminals for
battery circuit only. Does not disconnect alternator
or generator filed circuit.
On vehicles equipped
with alternators engine
must be shut off to avoid
potential damage to
alternator diodes.
Instruction sheet included.
Part No. 51-302

**Axle Switch**
2 positions, both on controls. High and
low axle ranges. Die cast body
protected by rubber cover. Three
female terminals to receive bullet
terminals. Large red knob. For use
with eaton 2 speed
rear axle.
Part No. 52-261

**Starter Solenoid Switch**
Universal - 12V applications -
grounded base, flat bracket,
internally grounded to housing, other
end connected to small terminal.
Part No. 52-305

**Part No. TL900**
Turn Signal Switch, Flat Black
• 12V
• 7 Wire harness
• Heavy Duty Die Cast Housing
• Durable Die Cast Handle
• Heavy Duty flare tab for hazard warning
• Heavy gauge mounting strap and hardware
• Pilot Light for Turn Signal and Hazard
• 10 bulb capacity for hazard warning,
  5 bulbs per side for turn signal flashing

**Part No. TL905**
Turn Signal Switch, Flat Black
• 12V
• 10 Wire harness
• Signal arm features built-in push
  button high/low beam selector switch
• 10 bulb capacity for hazard warning,
  5 bulbs per side for turn signal flashing

**960 Series Self-Canceling Turn Signal Switches**
• Surpasses SAE J589 & J910 standards for turn & hazard functions
• Improved, light weight, nylon housing & handle
• Capable of flashing 18 lamps in hazard mode (9 lamps per side for turn
  signal flashing)
• 960 wiper options include 7 speed intermittent, two speed
  (hi/low) or omitted
• 961 wiper option includes two speeds (hi/low)
• Improved design eliminates premature breakage & component wear
• Brake overrides hazard function lights when brake pedal is depressed
• Material: Glass filled nylon housing

**Grote**
Part No. GR48282
Heavy Duty 2 to 18 Bulb Turn Signal
Switch with High/Low Beam
• 6 - 12V, eighteen 32 c. p. bulbs
• Universal replacement with lift handle
  headlight dimmer
• Black finish
• Grease-free contact area
• Harness sold separately

**Starter Solenoid Switch**
12V grounded base, flat bracket,
brather cap.
Part No. 52-306

**Pollak**
Replaces: Ford C7AF-11450A,
C6AZ-11450A, C9AZ-11450A

**Trucklite**
Part No. TL129
Replacement relay for TL905

**Trucklite**
Part No. TL91250
Turn Signal Switch
**FLASHERS**

**12 Lamp Electromechanical Flasher**
- 60 - 120 Flashes per minute
- 11 - 15V DC
- Fits standard round socket
- 100 hours of continuous operation

Part No. GR44530

**20 Lamp Heavy Duty Electronic Flasher**
- 60 - 120 Flashes per minute
- 11 - 15V DC
- Only one moving part
- Fits standard round socket
- 100 hours of continuous operation

Part No. GR44710

**Round 2 Prong Flasher**
12V. Flashes up to three 32 cp bulbs per side, plus pilot bulb. Flashes up to six 32 cp bulbs for hazard warning. Aluminum housing.

Part No. 552

**TRIDON**

**TRIDON Extended Life Super Duty Electronic Signal Flashers**
For trucks, buses, RV's and passenger cars.

Part No. Description
EL-12  2 Pin, 12V
EL-13  3 Pin, 12V

They both have 1-10 Load Lamps, 250 total watts, and a frequency of 70-100 FPM.

**SPADE TYPE FUSES, MISCELLANEOUS CIRCUIT BREAKERS**

<table>
<thead>
<tr>
<th>ATO® Spade Type Fuses</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
<td>Desc</td>
<td>Color</td>
</tr>
<tr>
<td>091173</td>
<td>ATO 3</td>
<td>Violet</td>
</tr>
<tr>
<td>091175</td>
<td>ATO 5</td>
<td>Tan</td>
</tr>
<tr>
<td>091177</td>
<td>ATO 7½</td>
<td>Brown</td>
</tr>
<tr>
<td>091180</td>
<td>ATO 10</td>
<td>Red</td>
</tr>
<tr>
<td>091181</td>
<td>ATO 15</td>
<td>Blue</td>
</tr>
<tr>
<td>091182</td>
<td>ATO 20</td>
<td>Yellow</td>
</tr>
<tr>
<td>091183</td>
<td>ATO 25</td>
<td>Clear</td>
</tr>
<tr>
<td>091184</td>
<td>ATO 30</td>
<td>Green</td>
</tr>
</tbody>
</table>

**Circuit Breakers**

**Universal - Meets SAE J553**

**Automatic reset**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Amp Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-115</td>
<td>15</td>
</tr>
<tr>
<td>54-120</td>
<td>20</td>
</tr>
<tr>
<td>54-125</td>
<td>25</td>
</tr>
<tr>
<td>54-130</td>
<td>30</td>
</tr>
<tr>
<td>54-140</td>
<td>40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Less Mounting Bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. Amp Rating</td>
</tr>
<tr>
<td>54-410  10</td>
</tr>
<tr>
<td>54-415  15</td>
</tr>
<tr>
<td>54-420  20</td>
</tr>
<tr>
<td>54-430  30</td>
</tr>
<tr>
<td>54-440  40</td>
</tr>
</tbody>
</table>

**Snap-In Circuit Breakers**
12 Volt remote reset circuit breaker. Replaces glass style fuses in existing fuse blocks. Opens automatically on overload. Remains open for protection until trouble is corrected.

**Blade Type Circuit Breakers**

Direct replacement for ATO and ATC style fuses
Eliminates replacement of burned out fuses
Special "snap-off" blade design helps minimize inventory
Meets requirements of SAE J553C Type I

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Amp Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>091072</td>
<td>15</td>
</tr>
<tr>
<td>091073</td>
<td>20</td>
</tr>
<tr>
<td>091074</td>
<td>25</td>
</tr>
<tr>
<td>091075</td>
<td>30</td>
</tr>
</tbody>
</table>

*Type 1 breakers are designed to continuously cycle or reset during an overload situation.
ELECTRICAL PLUGS AND RECEPTACLES

7 Way Receptacle with Circuit Breakers
With and Without Adaptor Housing

<table>
<thead>
<tr>
<th>Style</th>
<th>W/Adaptor Housing</th>
<th>W/O Adaptor Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Part No.</td>
<td>Circuit Breakers</td>
</tr>
<tr>
<td>Style A</td>
<td>BE2420</td>
<td>20 Amp</td>
</tr>
<tr>
<td></td>
<td>BE24020</td>
<td>20 Amp</td>
</tr>
<tr>
<td></td>
<td>BE24000</td>
<td>None</td>
</tr>
</tbody>
</table>

Style B

<table>
<thead>
<tr>
<th>W/O Adaptor Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
</tr>
<tr>
<td>BE24001</td>
</tr>
</tbody>
</table>

7 Way Receptacle
Ring Terminal Type
- Housing made of Engineering Grade Composite
- 5° slant for drainage
- Lifetime warranty - If cover breaks off, unit will be replaced.
- Brass split pins
Part No. BE23707

7 Way Receptacle
Plug-In Type
- Housing made of Engineering Grade Composite
- 5° slant for drainage
- Lifetime warranty - If cover breaks off, unit will be replaced.
- Brass split pins
Part No. BE23705

Receptacle Boot
- Weather-guard universal boot
- Neoprene - maximum protection against weather and ozone
Part No. 15-740

7 Way Nylon Plug
- Nylon housing
- 100% Brass pins
- Uses standard 15-711 replacement insert
- Cable guard and compression cable clamp prevents accidental cable pull out - the harder it's pulled, the tighter it gets
- Exceeds SAE J560B
Part No. 16-730

STA-DRY™ Receptacles
Exclusive design to prevent moisture from entering electrical circuits. Virtually eliminates corrosion.
- Nylon Housing
- Pins insert molded to stay watertight
- Extended barrel for added cable support

Sta-Dry Socket
Bullet Terminal
Part No. 16-724

Replacement Cover Kits
For Style A (New Style)
Part No. BQ20014 (Shown)
For Style B (New Style)
Part No. BQ24002

STA-DRY™ Receptacles
With split pins
- 20 amp circuit breakers
- For surface mount
- Projects 2.56” from mounting surface
- Mounting gasket included
Part No. BE24220

Phillips

Wire Insertion
Part No. 16-720

Ring Termination
Part No. 16-722
ELECTRICAL PLUGS AND RECEPTACLES

7 Way Zinc Die Cast Plugs
- 100% brass floating pins
- Large finger grips
- Large interior for ease of wiring
- Positive direct drive cable clamp

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-730</td>
<td>With Spring Guard</td>
</tr>
<tr>
<td>15-710</td>
<td>Without Spring Guard</td>
</tr>
</tbody>
</table>

7 Way Zinc Die Cast Receptacles
- Full opening lid for ease of plug insertion
- Slanted 5 degrees for moisture drainage
- Easily field serviceable
- Machined brass pins
- Stainless steel lid spring and hinge pin

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-720</td>
<td>2-Hole Mount (Shown)</td>
</tr>
<tr>
<td>15-722</td>
<td>3-Hole Mount</td>
</tr>
<tr>
<td>15-724</td>
<td>Insert</td>
</tr>
</tbody>
</table>

STA-DRY™ Receptacles
With and Without Circuit Breakers
Glass Filled Nylon and Zinc Die Cast
- Waterproof
- Molded Insert
- Stainless lid spring and hinge pin
- Neoprene gaskets
- Stackable ground post

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-720</td>
<td>2-Hole Mount (Shown)</td>
</tr>
<tr>
<td>15-722</td>
<td>3-Hole Mount</td>
</tr>
<tr>
<td>15-724</td>
<td>Insert</td>
</tr>
</tbody>
</table>

7 Way Insert
For 15-720, 15-722
Part No. 15-724

4 & 6 Way Zinc Die Cast Electrical Plugs

4 Way Plug
Less cable guard  Part No. 15-410

4 Way Plug with Cable Guard  Part No. 15-430

4 Way Receptacle  Part No. 15-400

6 Way Receptacle  Part No. 15-600

Zinc Die Cast
With extended barrel for added plug support

<table>
<thead>
<tr>
<th>With Breakers</th>
<th>20 Amp Breakers</th>
<th>30 Amp Breakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-760</td>
<td>15-762</td>
<td>15-763</td>
</tr>
</tbody>
</table>

Glass Filled Nylon

<table>
<thead>
<tr>
<th>With Breakers</th>
<th>20 Amp Breakers</th>
<th>30 Amp Breakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-760</td>
<td>16-762</td>
<td>16-763</td>
</tr>
</tbody>
</table>

Standard Die Cast Receptacle Housing
17/8" Deep. Includes: 15-766 Gasket, 15-765 Grommet, 2 Hex mounting bolts
Part No. 15-769

Nose Box Adaptor Plate
Multiple mounting holes allow for easy installation.
Part No. 15-770
ELECTRICAL PLUGS AND RECEPTACLES

Zinc Die Cast 6 Way Plug
Less spring guard
Part No. 15-610

Zinc Die Cast 6 Way Plug
With spring guard
Part No. 15-630

ISO 3731 ABS Receptacle
Sanctioned by the Truck Manufacturers Association (T.M.A.) and the truck Trailer Manufacturers Association (T.T.M.A.) as the optional and separate ABS connector. Currently extensively used in Europe as the ABS connector.
Built to specifications per the International Standards Organization (ISO)
For applications requiring a separate ABS power and warning light, such as on triple combination vehicles.

Single Pole Receptacle
Zinc Die Cast
Copper battery lug to insure contact
Stainless hinge pin and spring
Part No. 15-320

Single Pole Plug
With Strain Relief Spring
Zinc Die Cast 4 Gauge maximum Copper battery lug to insure contact
Part No. 15-335

Dual Pole Plug
Part No. 15-336

Dual Deep Nose Box
Part No. 16-777

Grote Ultra-Pin Receptacles
2 & 3 Hole Mount
- Die cast zinc
- Barrel slanted to drain moisture
- Mounting holes slotted for universal fit
- Floating pins for easy alignment
- Kit contains retrofit plug-in terminal kit consisting of 9 terminals and 9 boots
- Weather-tight

2 Hole Mount
With terminal kit Part No. GR87270
Receptacle only Part No. GR87250

3 Hole Mount
With terminal kit Part No. GR87240
Receptacle only Part No. GR87220

Door Hinge Repair Kit
Door is die cast zinc
Solid brass pin
Kit contains hinge pin, door and spring
Part No. GR99680
Truck-Lite 7 Way Receptacle
- Made of GE Noryl - tough, nonconductive, corrosion-resistant
- Cadmium plated floating brass pins
- For use with ring type terminals
- Direct wired ground
- Circuits identified by both color codes and embossing

Standard 7 Way Body, Solid Pins:
Part No. TL50860
Standard 7 Way Body, Split Pins:
Part No. TL50861
Receptacle With 20A Circuit Breakers, Solid Pins:
Part No. TL50864
Receptacle With 20A Circuit Breakers, Split Pins:
Part No. TL50863
Receptacle w/15 amp circuit breakers, split pins
Part No. TL50865
Receptacle w/threaded stacking studs, solid pins
Part No. TL50866
Receptacle With Threaded stacking Studs, Split Pins:
Part No. TL50867

Truck-Lite Nose Box
- Made of foam polycarbonate
- Chemical resistant, virtually indestructible
- Internal electrical contacts are sealed to eliminate corrosion
- Available with or without circuit breakers
- Main cable hookup terminals are color identified
Nose Box Without Circuit Breakers:
Part No. TL50805
Nose Box With 15A Circuit Breakers:
Part No. TL50806

Parts:
- Cap latch for 7-Way Receptacle:
  Part No. TL50808
- Cover:
  Part No. TL50809

Truck-Lite Flush Mount 7 Way Receptacle
- Made of GE Noryl - tough, nonconductive, corrosion-resistant
- Cadmium plated floating brass pins
- For use with ring type terminals
- Direct wired ground
- Circuits identified by both color codes and embossing

Surface Mounting Adaptor Boxes
- Made of Noryl to allow surface mount of large receptacles
- Molded-in brass inserts for receptacle mounting
- Available in deep (2" inside depth) or shallow (1.25" inside depth)
- Bottom entry or back entry versions
Shallow Adaptor Box, Bottom Access:
Part No. TL50880
Deep Adaptor Box, Bottom Access:
Part No. TL50882
Deep Adaptor Box, Back Access:
Part No. TL50883

Cover Service Kit
- 4 piece service kit for all receptacles
- Noryl cover, steel hinge pin, stainless steel spring and shaft retainer
Part No. TL50875

Truck-Lite Nose Box
- Made of foam polycarbonate
- Chemical resistant, virtually indestructible
- Internal electrical contacts are sealed to eliminate corrosion
- Available with or without circuit breakers
- Main cable hookup terminals are color identified
Nose Box Without Circuit Breakers:
Part No. TL50805
Nose Box With 15A Circuit Breakers:
Part No. TL50806

Parts:
- Cap latch for 7-Way Receptacle:
  Part No. TL50808
- Cover:
  Part No. TL50809

Truck-Lite Flush Mount 7 Way Receptacle
- Made of GE Noryl - tough, nonconductive, corrosion-resistant
- Cadmium plated floating brass pins
- For use with ring type terminals
- Direct wired ground
- Circuits identified by both color codes and embossing

Surface Mounting Adaptor Boxes
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- Available in deep (2" inside depth) or shallow (1.25" inside depth)
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Shallow Adaptor Box, Bottom Access:
Part No. TL50880
Deep Adaptor Box, Bottom Access:
Part No. TL50882
Deep Adaptor Box, Back Access:
Part No. TL50883

Cover Service Kit
- 4 piece service kit for all receptacles
- Noryl cover, steel hinge pin, stainless steel spring and shaft retainer
Part No. TL50875
NOSEBOX ASSEMBLIES

Nosebox Assemblies

6 & 7 way receptacles, 2055 Quickie insert, service and emergency gladhands, circuit breaker panel.
Part No. BE26100

7 way receptacle, service and emergency gladhands, circuit breaker panel
Part No. BE26103

Side Blocks
Left: Part No. B26003
Right: Part No. B26004

JUNCTION BOXES

Midland Junction Boxes
Molded from Engineered Grade Composite

<table>
<thead>
<tr>
<th>Style</th>
<th>Part No.</th>
<th>Grommet Location</th>
<th>Terminals</th>
<th>Cover Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>BE22010</td>
<td>A,B,C,D</td>
<td>7</td>
<td>BE20512</td>
</tr>
<tr>
<td>B</td>
<td>BE22020</td>
<td>A,B,F,L</td>
<td>Stripped</td>
<td>BE20512</td>
</tr>
<tr>
<td>A</td>
<td>BE22040</td>
<td>A,B,C,F</td>
<td>7</td>
<td>BE20512</td>
</tr>
<tr>
<td>C</td>
<td>BE22070</td>
<td>A,B,F,L</td>
<td>–</td>
<td>BE20512</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Style</th>
<th>Part No.</th>
<th>Grommet Location</th>
<th>Terminals</th>
<th>Box Mounting</th>
<th>Cover Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>BE22080</td>
<td>A,B,C,D</td>
<td>6</td>
<td>Stud</td>
<td>BE20510</td>
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<td>6</td>
<td>Flush</td>
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</tbody>
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Junction Box
7 1/4" overall length
Mounting studs on 6" centers
7 Terminals
Part No. BE22150

Junction Blocks
10-32 UNF Threads

6 Terminal
Part No. B20306

7 Terminal
Part No. B20309

7 Terminal Junction Box
Mounting holes on 7/8" centers
Part No. 15-961