INSTALLATION INSTRUCTIONS

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RELAY TERMINALS

<table>
<thead>
<tr>
<th>Terminal #’s</th>
<th>COMPLETED RELAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 = Common</td>
<td>RELAY</td>
</tr>
<tr>
<td>85 = Coil (-)</td>
<td>RELAY BASE</td>
</tr>
<tr>
<td>86 = Coil (+)</td>
<td>CONNECTORS</td>
</tr>
<tr>
<td>87 = Normally Open</td>
<td>(INSIDE BASE)</td>
</tr>
<tr>
<td>87a = Normally Closed</td>
<td></td>
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</tbody>
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TERMINAL CRIMPING

Crimp small tabs around insulation
Crimp large tabs around bare wire

1. Mount the relay away from heat and vibration.
2. Crimp the terminals as shown above, use 18 ga. wire for the coil leads (terminals 85 & 86) and 14 to 12 ga. wire for the common, N.O. and N.C. (terminals 30, 87 & 87a).
3. Snap the terminals in to the relay base, there will be an audible "click" when the terminal seats.
4. Push the completed relay base on to the bottom of the relay.

HOW A RELAY WORKS

When NO POWER is applied to the "Coil", the relay is relaxed, +12volt power on the "Com" (Common) will exit on the "N.C." (Normally Closed) wire, because the contacts are closed.
There will be nothing on the "N.O." (Normally Open) wire, because the contacts are open.

When POWER is applied to the "Coil", the relay is energized, +12volt power on the "Com" (Common) will exit on the "N.O." (Normally Open) wire.
There will be nothing on the "N.C." (Normally Closed) wire, because the contacts have moved.

03/08/02