Welcome!
We know you are excited about your new Pro-Wired Electronics. Before you jump in,

**WARNING!!!**

Using the wrong sized, or overly tight knobs, will **DAMAGE** your Pro-Wired Electronics.

- **Solid shaft pots** - use only US spec ¼” knobs
- **Split shaft pots** - use only US spec 24 spline knobs
Install...

1) Find your install diagram in this manual
   - Get pickup wire colour codes from your pickup builders manual
2) Clip your output, ground & pickup wires from your old harness. (Cut as close to the harness as possible // DO NOT remove ground wires at guitar end)
3) Strip back wire insulation leaving 6mm (1/4") of bare wire. (DO NOT Strip too short // Cloth wire—pull the cloth back between your fingers)
4) Press & hold connector button with a fine screw driver.
5) Insert wire into corresponding connector slot & release button. (To Release wires - Press & hold button)
6) Test each wire for a secure connection.
7) Re-assemble, string up, and enjoy.

Troubleshooting // Page 16  DO NOT remove nuts from harness
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Legal Disclaimer
The terms “Strat®”, “Tele®”, “Precision Bass®”, & “Jazz Bass®” are registered trademarks of Fender Musical Instruments Incorporated (FMIC). We use these terms to describe the compatibility of our pro-wired electronics only. ObsidianWire is in NO way affiliated with or supported by FMIC.

The term “Les Paul®” is a registered trademark of Gibson Guitar Corp. We use these terms to describe the compatibility of our Pro-wired electronics only. ObsidianWire is in NO way affiliated with or supported by Gibson Guitar Corp.
Strat® -
Vintage / Blender / 7 Way

NECK THIS WAY

1 2 3 4 5 6 7 8 9

Spare GND
Spare GND
GND (Black)
GND (White)
HOT
HOT
HOT
HOT

GND
OUT
NECK
MID
BRIDGE

ALL OTHER GND.

(GROUND)
<table>
<thead>
<tr>
<th>OUT</th>
<th>NECK</th>
<th>BRIDGE</th>
<th>ALL OTHER GND.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GND.</td>
<td>HOT (WHITE)</td>
<td>GND. (S.START)</td>
<td>(GROUND)</td>
</tr>
<tr>
<td>(BLACK)</td>
<td>HOT (N.START)</td>
<td>SERIES (S.FINISH)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SERIES (S.FINISH)</td>
<td>GND. (S.START)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SERIES (S.FINISH)</td>
<td>HOT (N.START)</td>
<td></td>
</tr>
</tbody>
</table>

NECK THIS WAY
Tele® - Custom 4-Way

<table>
<thead>
<tr>
<th>GND</th>
<th>OUT</th>
<th>NECK</th>
<th>BRIDGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPARE GND</td>
<td>SPARE GND</td>
<td>HOT (WHITE)</td>
<td>HOT GND</td>
</tr>
<tr>
<td>SPARE GND</td>
<td>SPARE GND</td>
<td>GND (BLACK)</td>
<td>GND</td>
</tr>
<tr>
<td>SPARE GND</td>
<td>SPARE GND</td>
<td>HOT GND</td>
<td>HOT GND</td>
</tr>
</tbody>
</table>

1 2 3 4 5 6 7 8 9 10

NECK THIS WAY

ALSO SEE NEXT PAGE
If installing a two wire neck pickup with a metal cover: You must also complete this mod. This mod adds a separate wire for grounding the pickup cover.
<table>
<thead>
<tr>
<th></th>
<th>GND</th>
<th>OUT</th>
<th>NECK</th>
<th>BRIDGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SPARE GND</td>
<td></td>
<td>HOT GND. (WHITE)</td>
<td>GND.</td>
</tr>
<tr>
<td></td>
<td>SPARE GND</td>
<td></td>
<td>HOT GND. (BLACK)</td>
<td>GND.</td>
</tr>
<tr>
<td></td>
<td>SPARE GND</td>
<td></td>
<td>HOT GND.</td>
<td>GND.</td>
</tr>
</tbody>
</table>

**Neck this way**
BRIDGE HOT
STRING GND.
SPARE GND.

NECK THIS WAY
Handy tips: Install wires with your Pro-Wired Electronics raised out of the control cavity. Work from left to right. Install ground wires to the screw down connectors first.
Handy tips: Install wires with your Pro-Wired Electronics raised out of the control cavity. Work from left to right. Install ground wires to the screw down connectors first.
## Troubleshooting

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No Sound</strong></td>
<td><strong>Ensure spacer nuts are in place.</strong> Spacer nuts come pre-loaded on all</td>
</tr>
<tr>
<td></td>
<td>ObsidianWire Pro-Wired Electronics. These <strong>must sit BETWEEN the board</strong></td>
</tr>
<tr>
<td></td>
<td><strong>and control plate / cavity.</strong></td>
</tr>
<tr>
<td></td>
<td>Ensure all wires are in the correct slots &amp; held secure.</td>
</tr>
<tr>
<td></td>
<td>Ensure no part of your Pro-Wired Electronics is touching the cavity.</td>
</tr>
<tr>
<td><strong>No Sound</strong></td>
<td>Check as above for ‘No Sound’.</td>
</tr>
<tr>
<td><strong>One Pickup</strong></td>
<td>Check that your pickups are working correctly (even brand new pickups).</td>
</tr>
<tr>
<td><strong>Excess Hum</strong></td>
<td><strong>Ensure all metal parts are grounded</strong> to your Pro-Wired Electronics,</td>
</tr>
<tr>
<td></td>
<td>including your bridge and cavity shielding.</td>
</tr>
<tr>
<td></td>
<td>Ensure all wires are secure at both ends.</td>
</tr>
<tr>
<td></td>
<td>Ensure output wires are in the correct connector slots.</td>
</tr>
<tr>
<td>Issue</td>
<td>Solution</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Thin (out of phase) sound</td>
<td>This is usually caused when two pickups are out of phase with each other. Reverse the connector positions of the hot and ground wires from one of the pickups. Before you make the change, take some time to work out which pickup is least likely to interfere with other switch positions. If you have just installed a new pickup, change this one.</td>
</tr>
<tr>
<td>What colour wires go where?</td>
<td>Pickup manufacturers use their own colour coding systems. Check the pickup builder’s instructions &amp; compare to the instructions in this booklet. Also see a list of popular pickup codes here <a href="http://obsidianwire.com/install-help">obsidianwire.com/install-help</a></td>
</tr>
<tr>
<td>Custom 4-Way for Tele - Same sound in all positions</td>
<td><strong>Ensure the neck pickup ground &amp; cover ground wires are in the correct slots.</strong> Ensure the link between your pickups ground wire &amp; the cover ground wire has been removed.</td>
</tr>
</tbody>
</table>
Warranty

At ObsidianWire we use only the absolute best components and craftsmanship. We are so confident that you will experience years of trouble free use, that we guarantee it with an industry leading, five year warranty.

If you feel that your Pro-Wired Electronics are not working like they should, please contact us and we will fix or replace them as soon as possible.

Plug, Play & Enjoy Guarantee

We guarantee you will enjoy your new Pro-Wired Electronics. If for any reason you do not, simply send them back in new condition, within 28 days of receiving them, and we will help you find a solution that better matches your playing style, or issue a full refund.
About Us

Based in Christchurch, New Zealand, we at ObsidianWire use the perfect blend of intuitive design and uncompromising quality, to produce the world’s best sounding and easiest to install Pro-Wired Electronics for guitar and bass.

We use only the best components, craftsmanship and a simple design process, to give you the clarity and control you need to Define Your Tone.

Best of all, we produce our Pro-Wired Electronics with the working musician in mind, so when you want to bring new life to your favorite guitar or bass, you don’t need to solder a damn thing.

Plug, Play and Enjoy.

Mathew & Caitlin Goodall
Owners
ObsidianWire