

## 79. OrangeRX Connector and Lipo Recipient with Interlock

UFO Doctor, July 25th, 2014

### 1. OrangeRX Connector

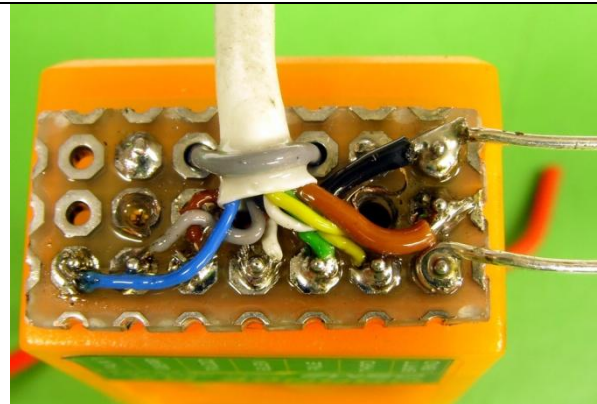


Fig.1: Connector for OrangeRX, solder side, protected by isolation spray.  
Wires: 0.3mm Vcc and Gnd, Wire 0.1 for Signals

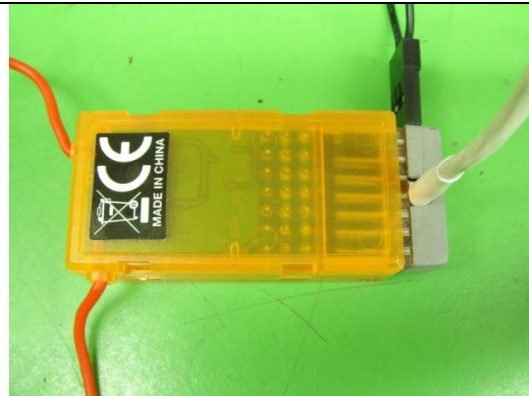


Fig.2: Connector mounted at OrangeRX, with standard Bind Plug top right

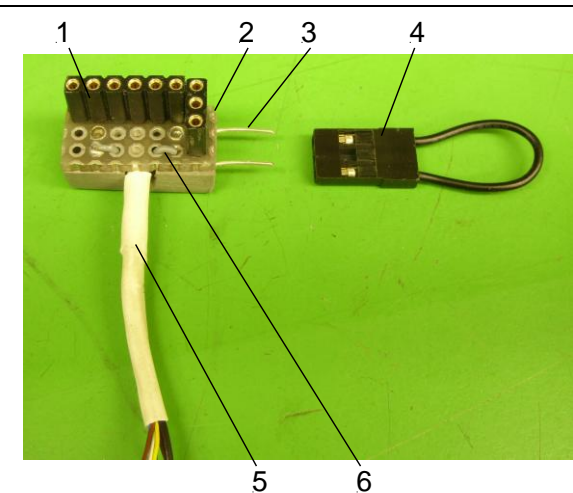
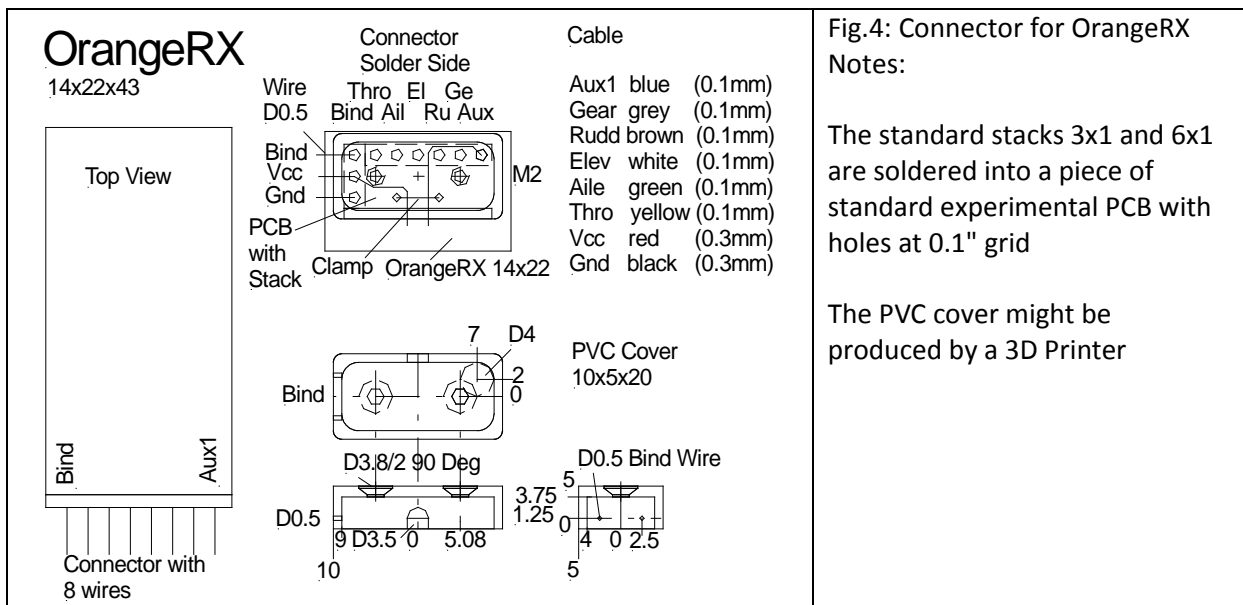


Fig.3: Connector for OrangeRX

- 1: Standard Stack
- 2: Standard experimental PCB
- 3: Bind Contacts by 0.5 wires
- 4: Standard Bind Connector
- 5: Cables within heat shrinking tube
- 6: Cable Lock by a D0.4 insulated wire



## 2. Lipo Recipient with Interlock

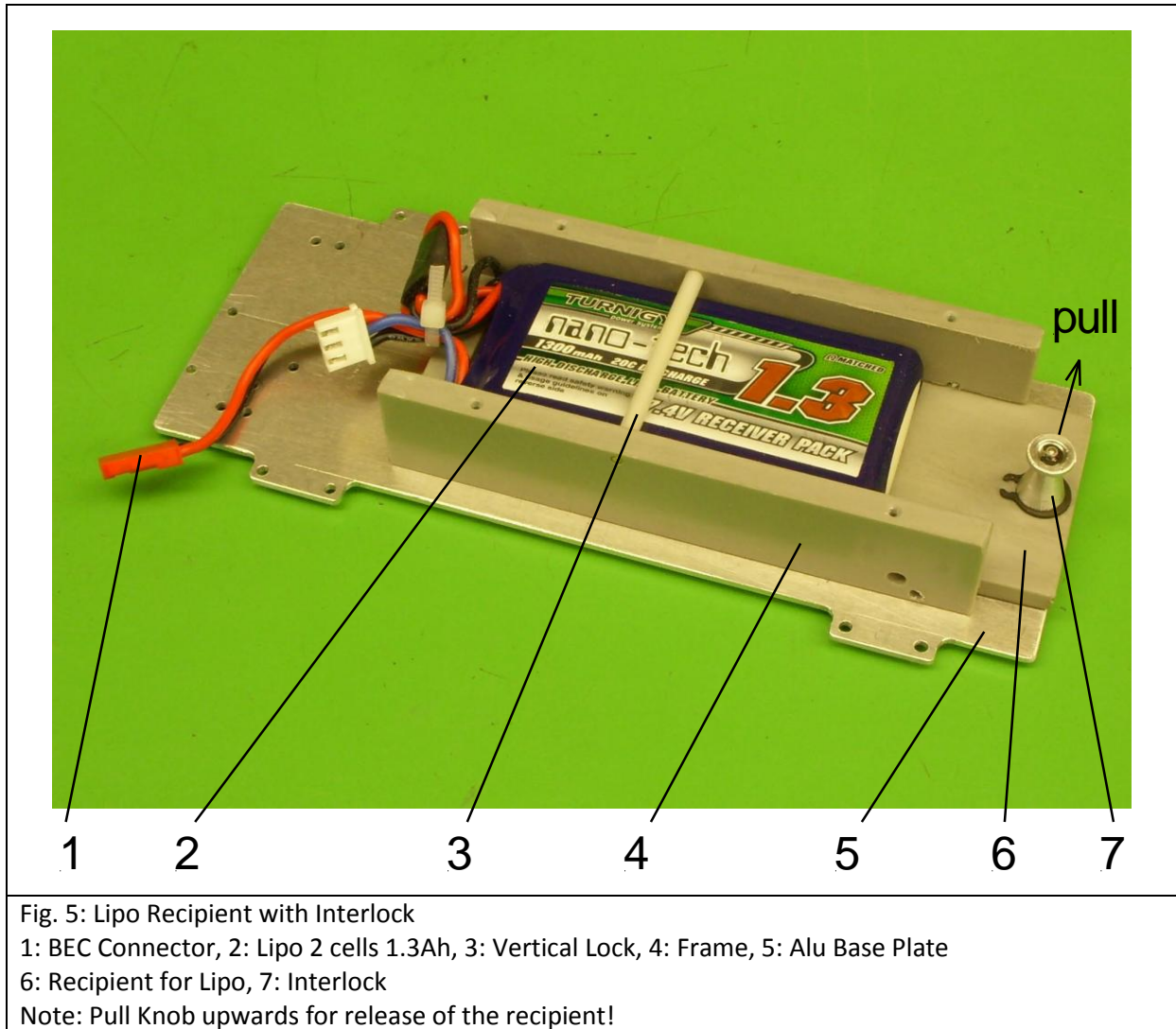


Fig. 5: Lipo Recipient with Interlock

1: BEC Connector, 2: Lipo 2 cells 1.3Ah, 3: Vertical Lock, 4: Frame, 5: Alu Base Plate

6: Recipient for Lipo, 7: Interlock

Note: Pull Knob upwards for release of the recipient!

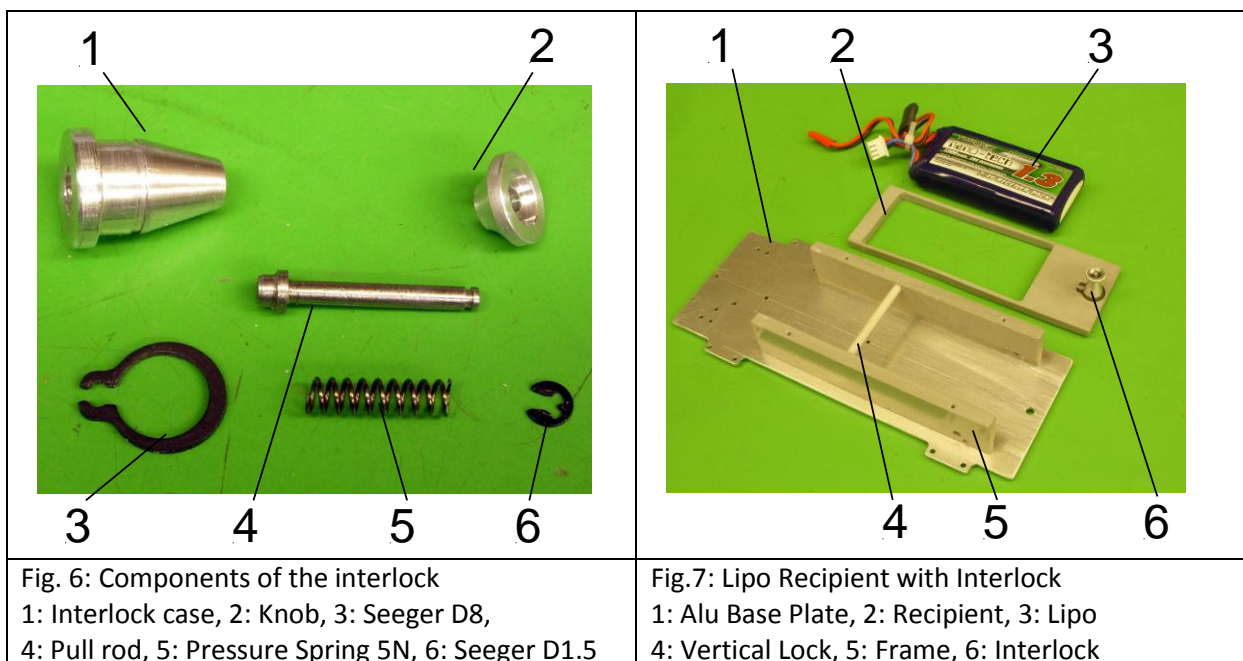


Fig. 6: Components of the interlock

1: Interlock case, 2: Knob, 3: Seeger D8,  
4: Pull rod, 5: Pressure Spring 5N, 6: Seeger D1.5

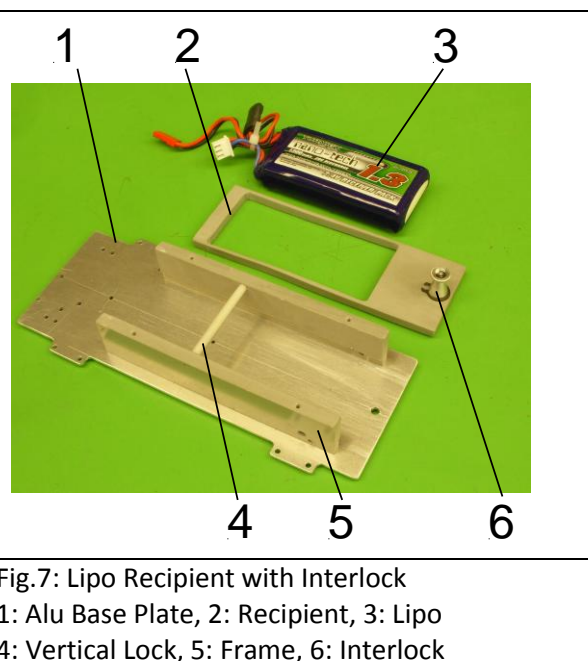


Fig. 7: Lipo Recipient with Interlock

1: Alu Base Plate, 2: Recipient, 3: Lipo  
4: Vertical Lock, 5: Frame, 6: Interlock

