



8/26/2015

## VersaLab AC Power Cable Assembly Service Advisory

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### Introduction

Quantum Design has recently changed the wiring gauge of the AC Power cable assembly (3372-016). There have been instances where the wiring has failed due to the heat generated in this cable. If the cable assembly is REV B1 or earlier, this cable should be replaced proactively. This older cable assembly has been used on most VersaLab systems, as of February 2015, and is installed on all systems with serial number VL09X and earlier. Quantum Design will provide the necessary parts for this rework below.

#### Hardware needed:

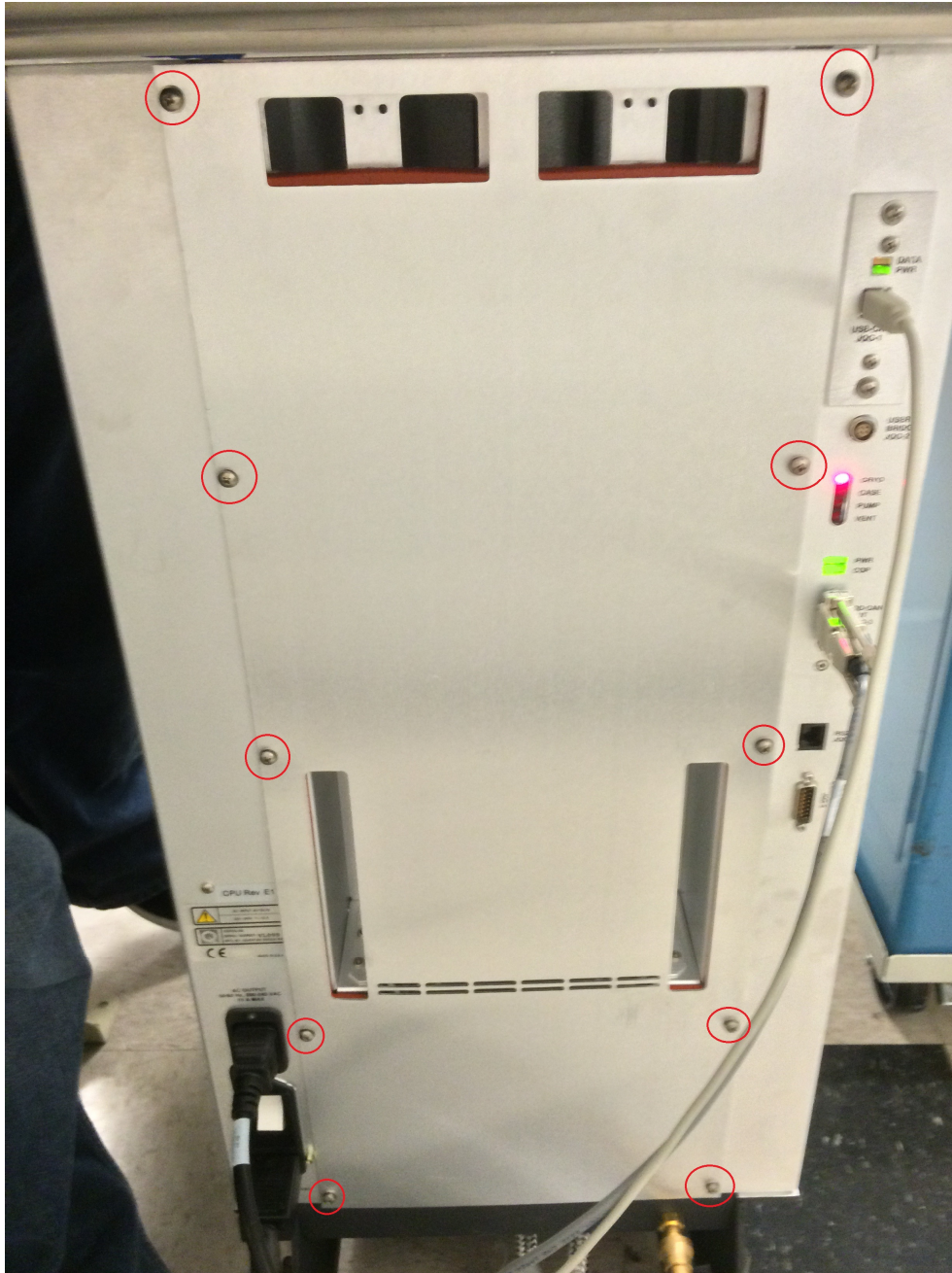
1. AC Power Cable Assembly (QD part number: 3372-016 **REV. C0** or later)

#### Optional hardware (if damage has occurred to these parts):

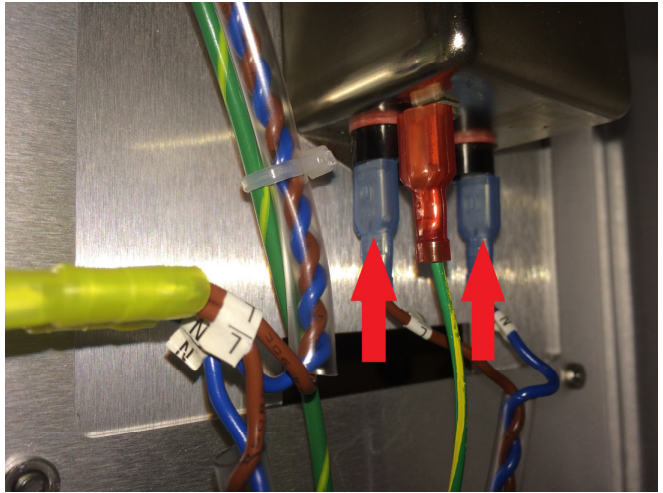
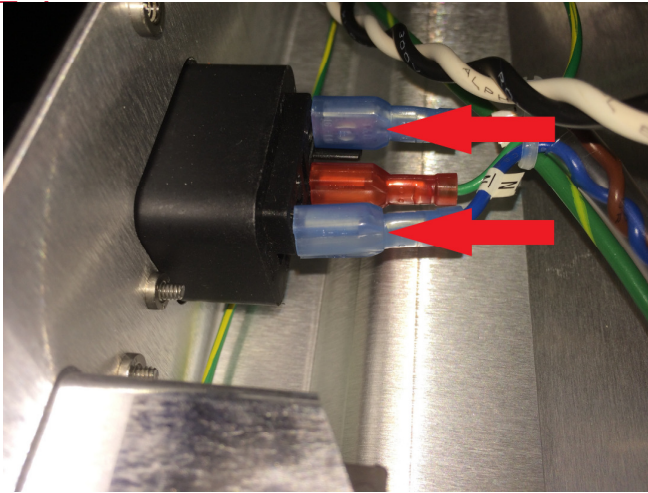
1. Power Cable going between VersaLab and Compressor (QD part number: HC59)
2. Power Receptacle for Compressor on VersaLab (QD part number: JP3P17)
3. Power Receptacle for VersaLab/Compressor main power (QD part number: JP3P15)

### Rework Instructions

1. Power off the VersaLab and Compressor by toggling the breaker on the back of the VersaLab unit.
2. Unplug both power cords. It is possible to connect the power chords to themselves, bypassing the power entry. This will supply power directly to the compressor that will keep the coldhead running and the system cold.
3. Remove the back panel of the VersaLab by removing the 10 Phillips head screws holding the back panel in place.



4. Unplug the affected cable assembly from the back side of both power entry modules and the line filter, a total of six connections).



5. Inspect the power entry modules for any signs of damage and replace as necessary.
6. Reconnect the replacement cable assembly.
7. Reinstall the back panel to the VersaLab. Plug in and turn on the power to the VersaLab and Compressor.