

Upgrade Power Wires to Actuator Control Board

Problem: Actuator control board 24VDC power is transferred over a crimped ribbon cable and may not be sufficient to power the board making the board susceptible to noise.

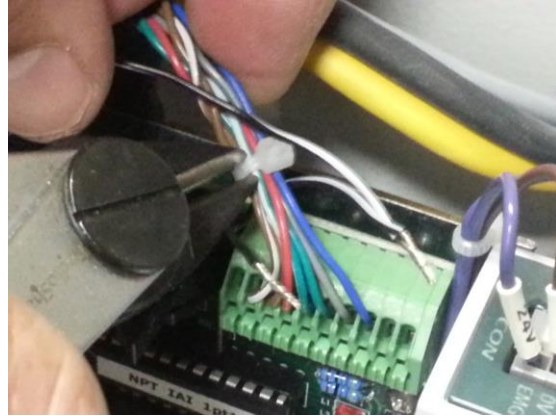
Symptom: Noise will cause random movement on Actuator potentially slamming into the hard stop.

Solution: Add an additional discrete power wire pair to the control board.

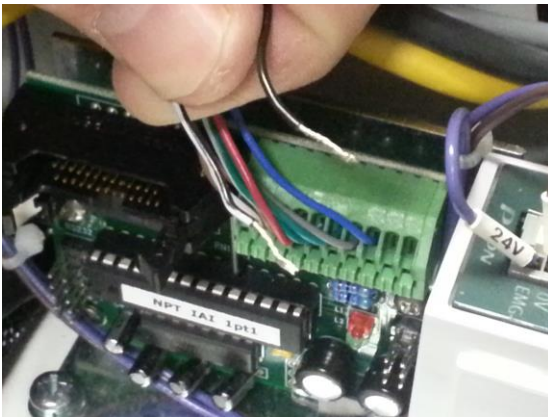
1. Find Actuator and power supply



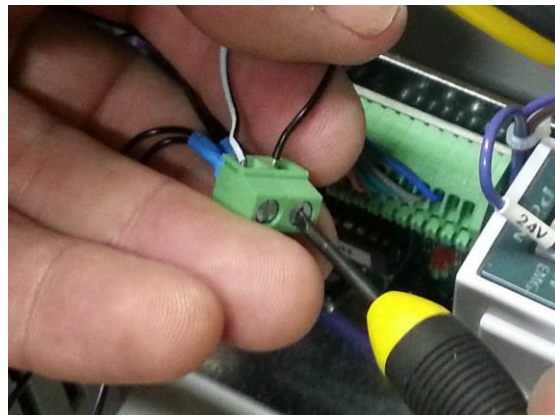
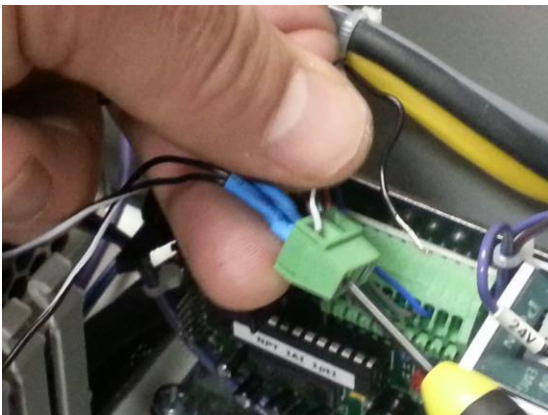
2. Cut Tie Wrap



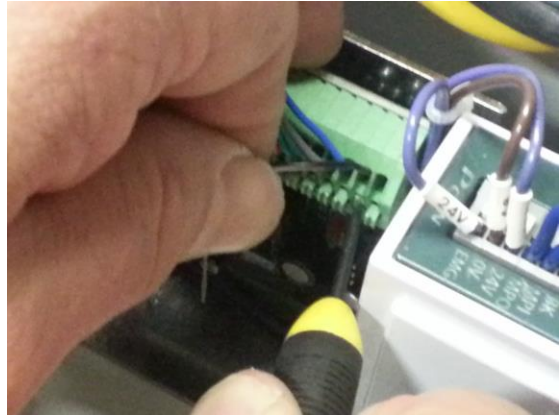
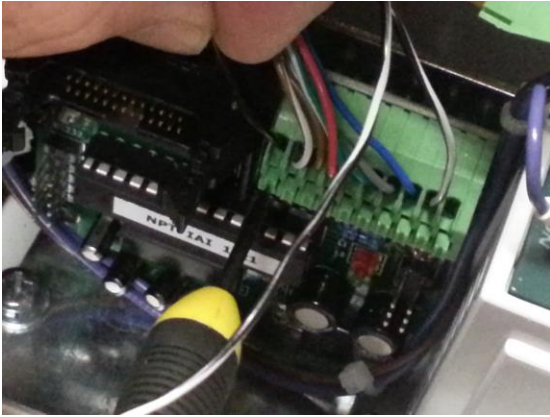
3. Remove Black Wire (24V) and Black/White (0V) Wire



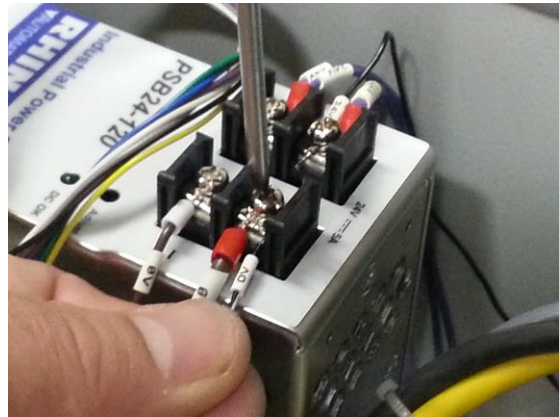
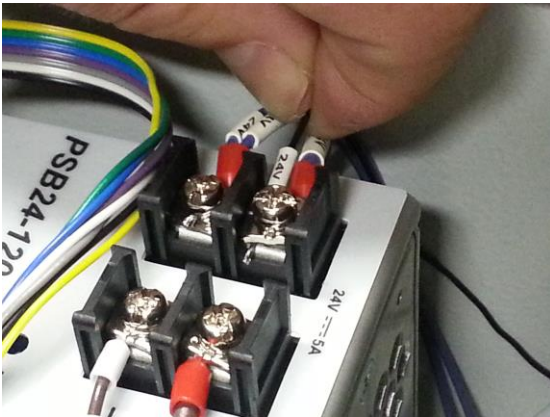
4. Screw Black (24VDC) and Black/White (0V) wires into Terminal Block



5. Insert Short wires back into the Terminal Block on the Valve Control Board



6. Install power wires on Power Supply



7. Install Tie Wrap

