



High Country Tek, Inc.

Controller Installation Guidelines

Electronic Control Solutions for the Global Fluid Power Industry

ALWAYS do the following:

- Take a few minutes to FULLY read ALL product information / data sheets BEFORE starting.
- Observe the set-up procedures in this manual for best operational results.
- Ensure that you are aware of the adjustments and consequences on the electronics and hydraulics.
- Make sure you have the correct tools to do the intended job (i.e. Tekbook, P.C., software) e.t.c.
- Ensure that any HCT recommended fuses and/or safety devices are fitted as required
- Keep High Voltage AC cables separate from Low Voltage DC signal and supply cables.
- Make sure the units supply voltage is the same or greater that the coils on the valve (s) being driven !
- Check the units supply voltage is CORRECT, ' ELECTRICALLY CLEAN ' and STABLE.
- 'Isolate' this unit from all other equipment BEFORE any form of welding takes place.
- Check ALL wire connections to and from this unit to ensure NO short or OPEN circuits are present.
- Operate the units within specified operating temperature for best & reliable performance.
- Ensure that any unused wires / terminals are terminated safely and not shorted together.
- Isolate the controller if ANY battery charging or battery boosting takes place on the vehicle.
- Ensure ALL valve connectors are wired correctly, secure and connected to correct coils.
- Follow and abide by local and country health & safety standards – protect yourself and others !



NEVER do the following:

- Attempt to use this unit if you are unsure of electrical OR hydraulic connections or expected operation.
- Operate this unit without the recommended power input fuse as required by HCT
- Arc Weld or Charge Batteries with this driver unit connected as damage can occur.
- Attempt to use this unit in Areas where other AC or DC coils HAVE NOT been fully suppressed.
- Use a power supply that is not rated for the correct required O/P current under full load.
- Allow wires TO or FROM the unit to short circuit (to each other or chassis/cabinet e.t.c.).
- Attempt to use this unit in areas of intense RF without adequate screening measures.
- Disconnect or connect wires to or from this unit unless it isolated from the power supply.
- Use this unit in temperatures that exceed those specified as operation may be effected.
- Start this unit without ensuring ALL work areas are clear of personnel !





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- ❖ Agriculture
- ❖ Cranes & lifts
- ❖ Refuse & Recycling
- ❖ Construction
- ❖ Off-Road vehicles
- ❖ Forestry, Wood & Pulp
- ❖ Reclamation & Salvage
- ❖ Oil Field & Sands
- ❖ Demolition Equipment
- ❖ Cooling Solutions
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High Country Tek, Inc.

208 Gold Flat Court
Nevada City, CA, 95959
Tel: (1) 530 265 3236
Fax: (1) 530 265 3275

