

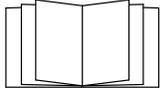
FIELD INSTRUCTIONS

2014-07

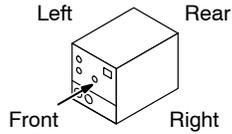
FORM: F268 117B

Use above FORM number when ordering extra manuals.

For Adding Kit 268031 Travel Sensor Lead To ProHeat® 35 Models



Have only trained and qualified persons install, operate, or service this unit. Call your distributor or the equipment manufacturer if you do not understand the directions. For **WELDING SAFETY** and **EMF** information, read *Owner's Manual*.



All directions are given as facing front panel.

Keep hardware for reuse.

1. Safety Symbol Definitions

	<p>DANGER! – Indicates a hazardous situation which, if not avoided, will result in death or serious injury. The possible hazards are shown in the adjoining symbols or explained in the text.</p> <p style="text-align: right;"><small>Fsafe1 2013-10</small></p>		<p>Beware of electric shock from wiring. Disconnect input power before installing this kit. Reinstall all panels and covers.</p> <p style="text-align: right;"><small>Fsafe6 2013-10</small></p>
	<p>Indicates a hazardous situation which, if not avoided, could result in death or serious injury. The possible hazards are shown in the adjoining symbols or explained in the text.</p> <p style="text-align: right;"><small>Fsafe2 2013-10</small></p>		<p>Wear safety glasses with side shields.</p> <p style="text-align: right;"><small>Fsafe8 2013-10</small></p>
<p>NOTICE</p>	<p>Indicates statements not related to personal injury.</p> <p>Indicates special instructions.</p> <p style="text-align: right;"><small>Fsafe3 2013-10</small></p>		<p>Static electricity can damage parts on circuit boards. Put on grounded wrist strap before touching board.</p> <p style="text-align: right;"><small>Fsafe21 2013-10</small></p>

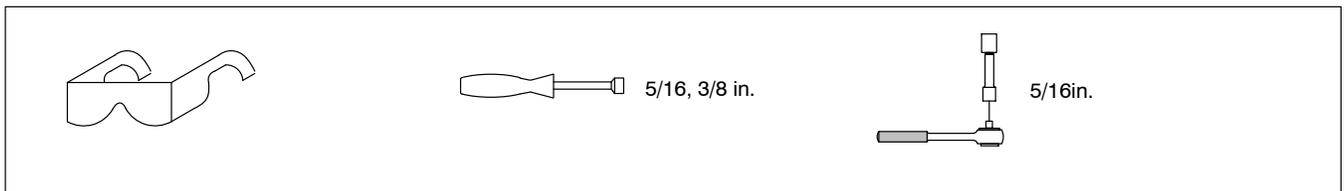
CALIFORNIA PROPOSITION 65 WARNINGS

Welding or cutting equipment produces fumes or gases which contain chemicals known to the State of California to cause birth defects and, in some cases, cancer. (California Health & Safety Code Section 25249.5 et seq.)

This product contains chemicals, including lead, known to the state of California to cause cancer, birth defects, or other reproductive harm. *Wash hands after use.*

Fsafe4 2013-10

2. Tools Needed



3. Measuring Input Capacitor Voltage



- ⚠** Turn off welding power source.
- ⚠** Disconnect and lockout/tag-out input power before removing covers or panels and working inside unit. Follow established procedures regarding the installation and removal of lockout/tagout devices.

Remove right side panel and disconnect fan motor FM3.

- 1 Current Source Interconnect Board PC4
- 2 Voltmeter

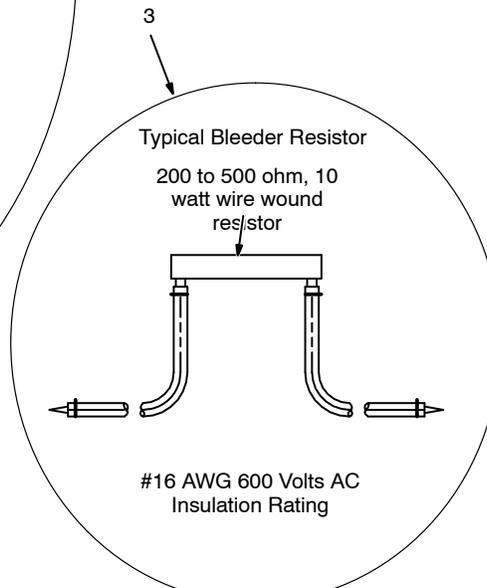
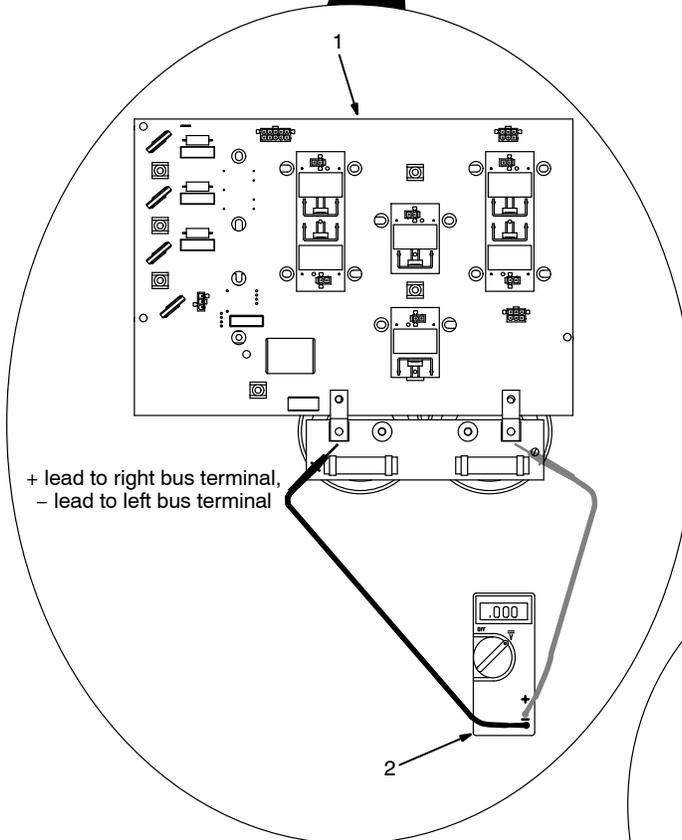
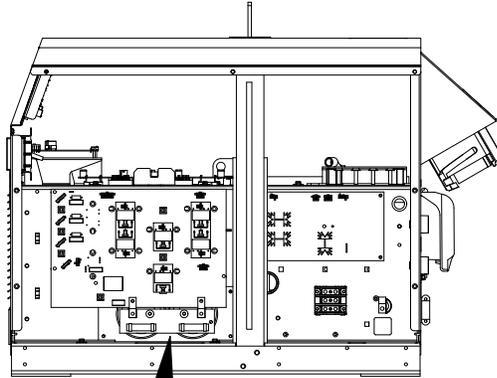
Measure the DC voltage across the + bus terminal and - bus terminal on PC4 as shown until voltage drops to near 0 (zero) volts.

☞ If the capacitor voltage does not drop to near zero after several minutes, use a bleeder resistor of between 200 and 500 ohms, at least 10 watts, and #16 AWG 600 volts ac insulation rated wire to discharge the capacitor(s).

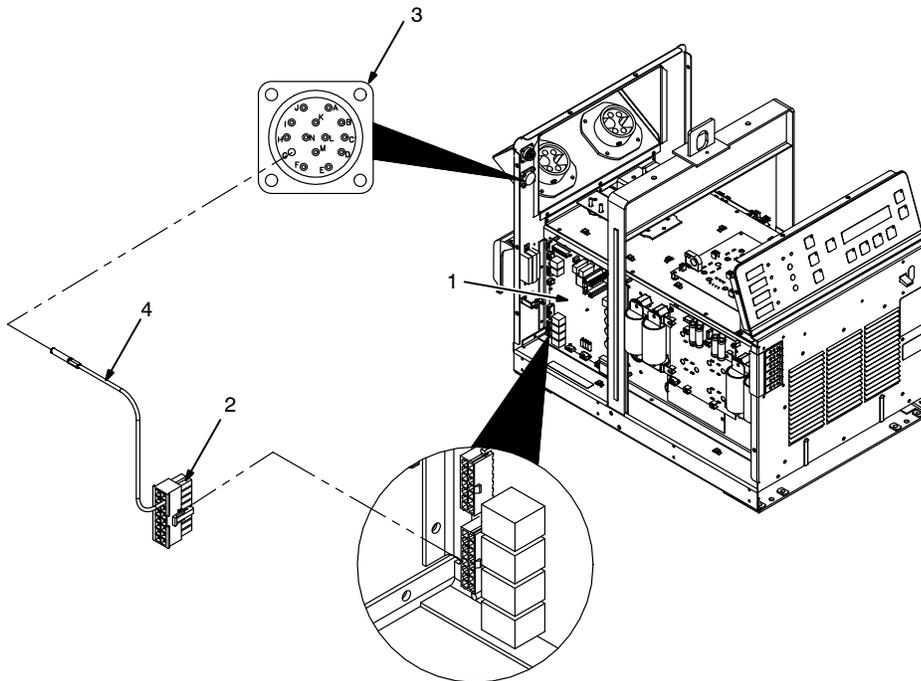
- 3 Typical Bleeder Resistor

An example of a typical bleeder resistor is shown on this page.

Proceed with job inside unit.



4. Electrical Connections



- ⚠ Turn off welding power source.**
- ⚠ Disconnect and lockout/tag-out input power before removing covers or panels and working inside unit. Follow established procedures regarding the installation and removal of lockout/tagout devices.**

Remove left side panel.

☞ Cover shown removed for ease in illustration.

- 1 Circuit Board PC1
- 2 16-SKT Connector (supplied)

Connect supplied 16-SKT connector to receptacle RC17 on PC1.

- 3 Receptacle RC14
- 4 Lead 115

Connect lead 115 from supplied connector into socket G of RC14.

☞ After inserting lead 115, pull wire enough to verify lead is secure in RC14.

Reinstall side panels, reconnect FM3 on right side panel. Install cover if removed. Follow established lockout/tagout procedures to put unit in service.

267 489-B

5. Parts List

Dia. Mkgs.	Part No.	Description	Quantity
	268031	Kit, ProHeat Plug w/Leads Travel Sensor	
.....	264432	Plug, w/Leads Travel Sensor	1

BE SURE TO PROVIDE MODEL AND SERIAL NUMBER WHEN ORDERING REPLACEMENT PARTS.