

FIELD INSTRUCTIONS

2017-01

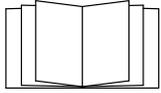
FORM: F271380B

Use above FORM number when ordering extra manuals.

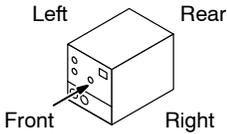
Software Update Instructions For SubArc Digital

Power Sources: 907 620, 907621, 907622, 907623, 907624, And 907625

Accessories: 300936, 301423, 301424, And 301425

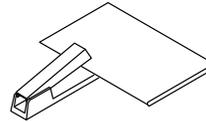


Have only trained and qualified persons install, operate, or service this unit. Call your distributor or the equipment manufacturer if you do not understand the directions. For WELDING SAFETY and EMF information, read Owner's Manual.



All directions are given as facing front panel.

Keep hardware for reuse.



Staple these instructions inside Owner's Manual.

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>Fsafe7 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>		

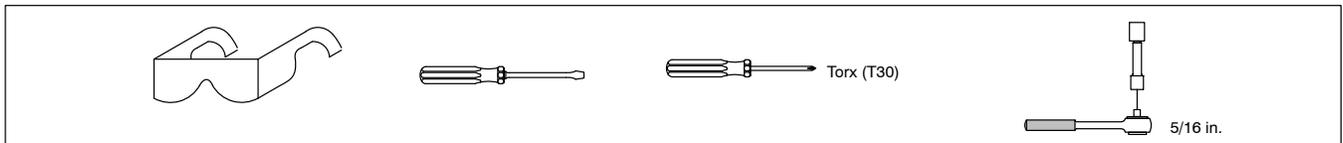
CALIFORNIA PROPOSITION 65 WARNINGS

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



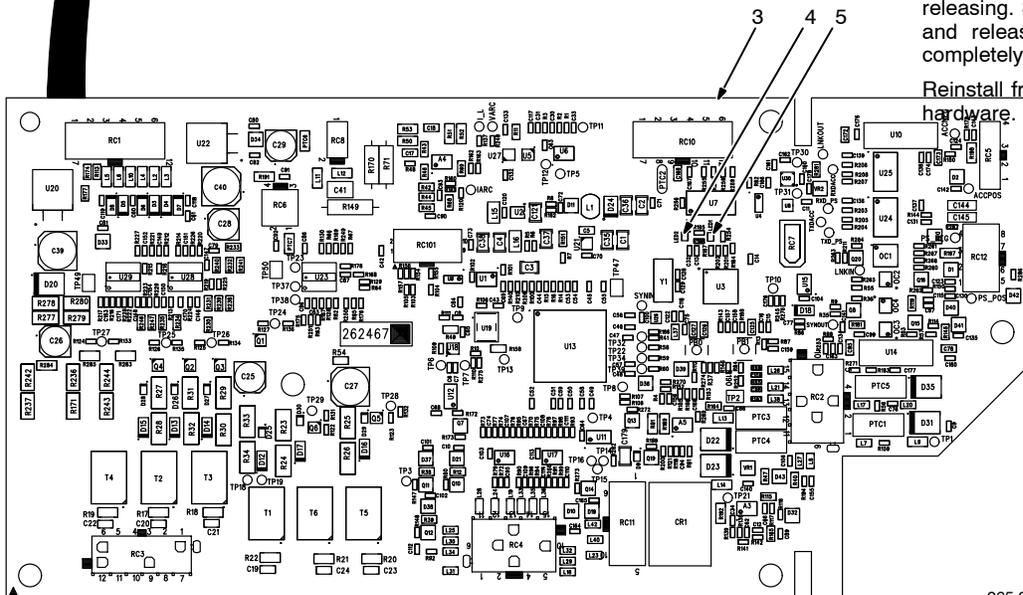
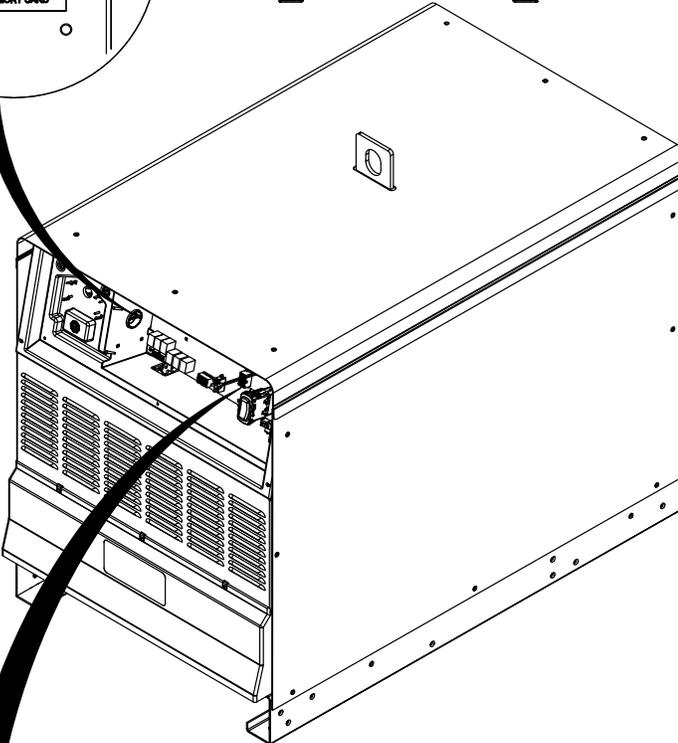
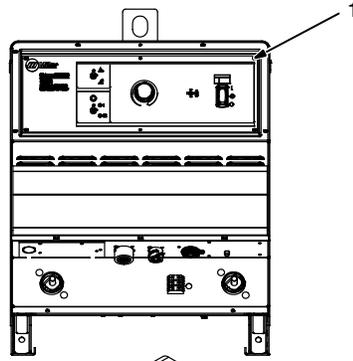
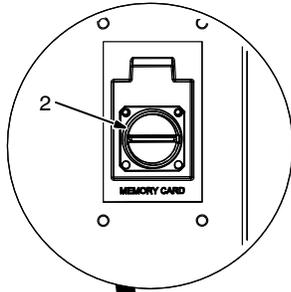
3. Download Software



A computer with an SD memory card port or SD memory card reader is required to download software upgrades. Download upgrades at www.MillerWelds.com. (or, upgrade software with a purchased software upgrade card).

The SD logo is a registered trademark of SD-3C LLC.

4. Updating Software In DC Power Source Models



- ⚠** 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.
- ⚠** This procedure requires an energized unit. Have only personnel familiar with and following standard safety practices do the job.

1 Front Panel Screws

Remove the six 5/16 in. screws from the front panel to expose the electronics box.

2 SD Card Reader

Insert SD card into SD card reader located on left side of electronics box. Push in SD card, and it will lock in place.

Turn power on.

3 PC1

4 LED2

5 LED1

LED1 (red) and LED2 (green) located on PC1 will blink in different sequences (depending on what software is being updated).

Ensure that all accessories are connected at power up. HELP 98 and HELP 99 may be displayed on the interface throughout the update process.

It will take between 1–6 minutes to complete the update.

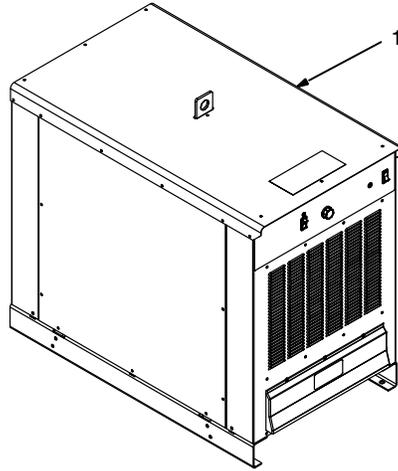
When the software is finished updating, LED2 (green) will blink steadily. HELP 99 will no longer be displayed on the interface.

Turn power off.

Remove SD card by pushing and releasing. SD card should unlock and release. Remove SD card completely from power source.

Reinstall front panel with existing hardware.

5. Updating Software In AC/DC Power Source Models



- ⚠** 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.
- ⚠** This procedure requires an energized unit. Have only personnel familiar with and following standard safety practices do the job.

1 Cover

Remove cover.

2 SD Card Reader

Insert SD card into SD card reader located on left side of unit. Push in SD card, and it will lock in place.

Turn power on.

3 PC1

4 LED2

5 LED1

LED1 (red) and LED2 (green) located on PC1 will blink in different sequences (depending on what software is being updated).

Ensure that all accessories are connected at power up. HELP 98 and HELP 99 may be displayed on the interface throughout the update process

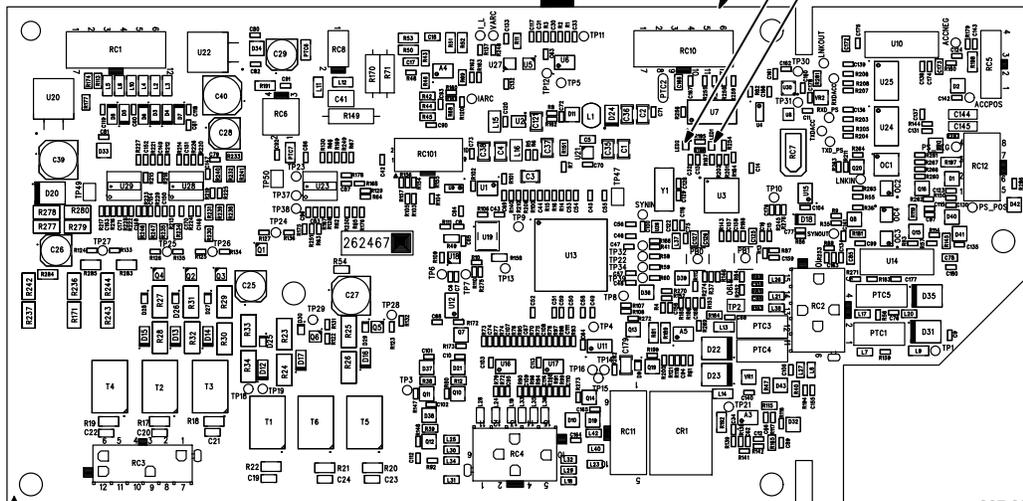
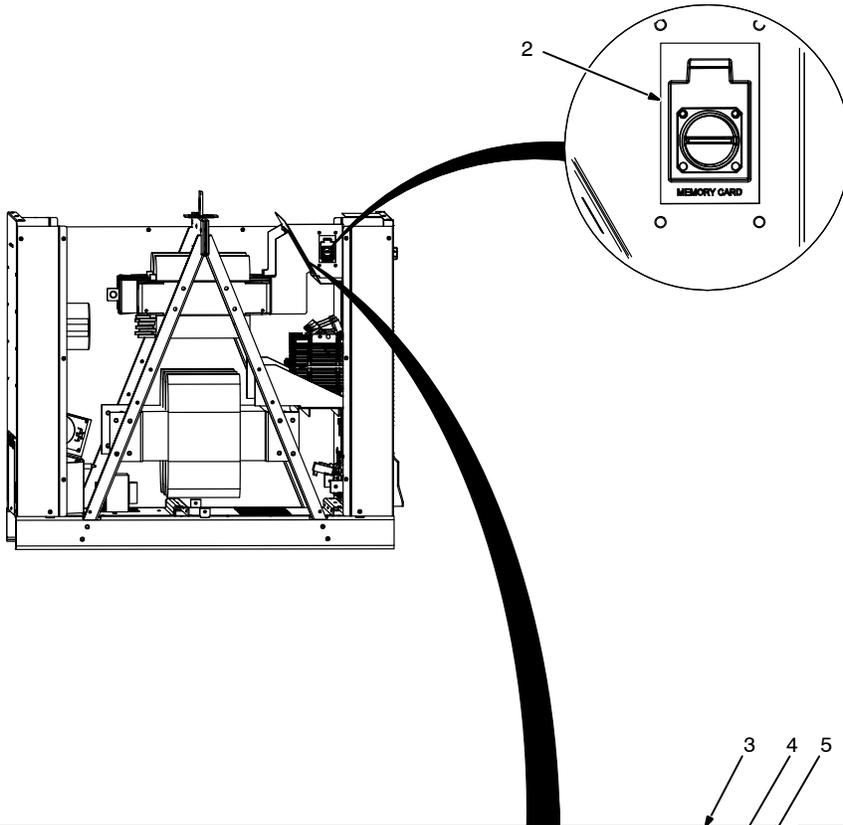
It will take between 1–6 minutes to complete the update.

When the software is finished updating, LED2 (green) will blink steadily. HELP 99 will no longer be displayed on the interface.

Turn power off.

Remove SD card by pushing and releasing. SD card should unlock and release. Remove SD card completely from power source.

Reinstall cover using existing hardware.



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