







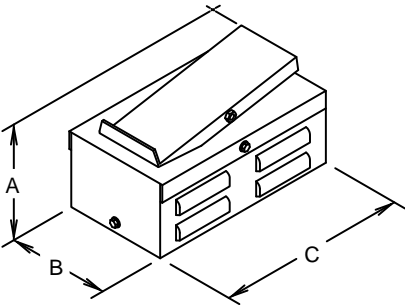


RFC-23A Remote Foot Control

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>DANGER ! - Indique une situation dangereuse qui, si elle n'est pas évitée, entraînera la mort ou des blessures graves. Les éventuels risques sont représentés par les symboles joints ou expliqués dans le texte.</p> <p style="text-align: right;"><small>Fsafe1 2013-10</small></p>		<p>Arc rays can burn eyes and skin – wear a welding helmet with correct filter, and cover exposed skin with non-flammable clothing.</p> <p>Le rayonnement de l'arc peut provoquer des brûlures au niveau des yeux ou de la peau – porter un casque protecteur muni d'un écran de filtre approprié et porter des vêtements non inflammables pour protéger toutes parties exposées.</p> <p style="text-align: right;"><small>Fsafe11 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>Indique une situation dangereuse qui, si elle n'est pas évitée, entraînera la mort ou des blessures graves. Les éventuels risques sont représentés par les symboles joints ou expliqués dans le texte.</p> <p style="text-align: right;"><small>Fsafe2 2013-10</small></p>		<p>Wear safety glasses with side shields.</p> <p>Porter des lunettes de sécurité avec écrans latéraux.</p> <p style="text-align: right;"><small>Fsafe8 2013-10</small></p>
<p>NOTICE</p> <p>AVIS</p> 	<p><i>Indicates statements not related to personal injury.</i></p> <p><i>Signale des consignes non associées aux dommages corporels.</i></p> <p><i>Indicates special instructions.</i></p> <p><i>Fournit des instructions spéciales.</i></p> <p style="text-align: right;"><small>Fsafe3 2013-10</small></p>		<p>Welding sparks can cause fire or explosion. Move flammables away. Do not weld on closed tanks or barrels – they can explode. Clean tanks or barrels properly.</p> <p>Les étincelles de soudure peuvent provoquer un incendie ou une explosion. Ne pas souder de cuves ou de tonneaux, au risque qu'ils explosent. Nettoyer soigneusement les cuves ou tonneaux.</p> <p style="text-align: right;"><small>Fsafe9 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>Attention aux décharges électriques au contact des câbles. Couper l'alimentation électrique avant d'installer ce kit. Réinstaller tous les panneaux et couvercles.</p> <p style="text-align: right;"><small>Fsafe7 2013-10</small></p>		<p>Breathing welding fumes and gases can harm your health. Welding requires good ventilation. If ventilation is impossible, such as when welding in a confined space, use an air-supplied respirator.</p> <p>L'inhalation des fumées et des gaz de soudure peut être dangereuse pour la santé. Une bonne ventilation est nécessaire pour procéder au soudage. S'il est impossible de ventiler, dans des lieux confinés par exemple, utiliser un respirateur à alimentation d'air.</p> <p style="text-align: right;"><small>Fsafe10 2013-10</small></p>
<p>CALIFORNIA PROPOSITION 65 WARNINGS</p> <p>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.)</p> <p>This product contains chemicals, including lead, known to the state of California to cause cancer, birth defects, or other reproductive harm. <i>Wash hands after use.</i></p> <p>Les équipements de soudage et de coupe produisent des fumées et des gaz qui contiennent des produits chimiques dont l'État de Californie reconnaît qu'ils provoquent des malformations congénitales et, dans certains cas, des cancers. (Code de santé et de sécurité de Californie, chapitre 25249.5 et suivants)</p> <p>Ce produit contient des produits chimiques, notamment du plomb, dont l'État de Californie reconnaît qu'ils provoquent des cancers, des malformations congénitales ou d'autres problèmes de procréation. Se laver les mains après utilisation.</p> <p style="text-align: right;"><small>Fsafe4 2013-10</small></p>			

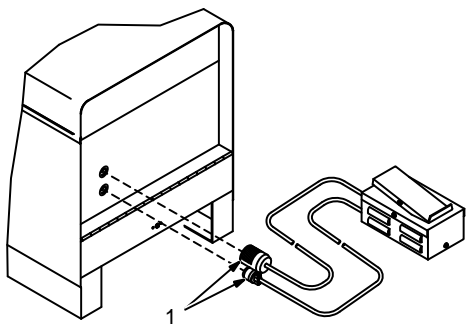
2. Specifications And Connections



A	7-1/2 in. (190 mm)
B	6-1/4 in. (159 mm)
C	11 in. (279 mm)

1 Twistlock Plugs

Units are equipped with 20 ft (6 m) cord(s). If a longer cord is required see Section 3.

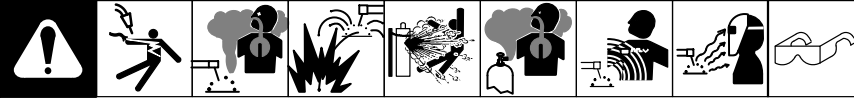


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3. Selecting Interconnecting Cord

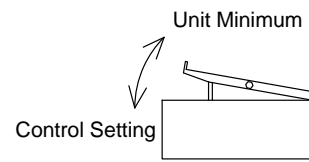
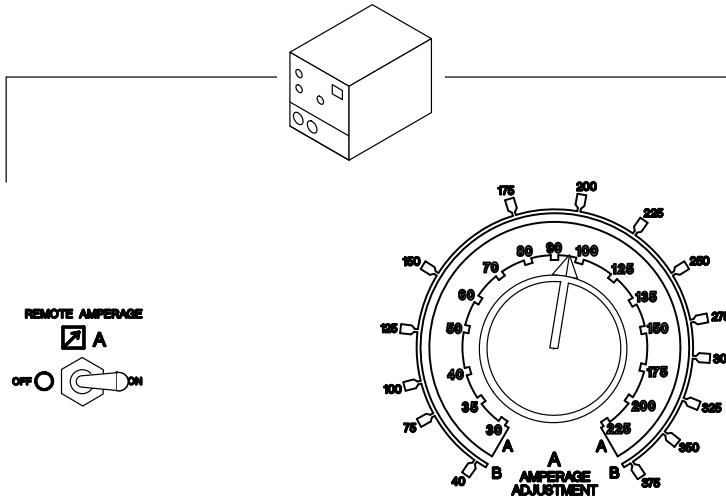
Amperage Or Voltage Control		Contactor Control	
Cord Length	Conductor Size (AWG)	Cord Length	Conductor Size (AWG)
Up to 20 ft (6 m)	No. 16	Up to 200 ft (61 m)	No. 16
21 to 50 ft (6 to 15 m)	No. 14		
51 to 100 ft (16 to 31 m)	No. 12		
101 to 200 ft (31 to 61 m)	No. 10		

4. Adjusting Amperage Without Output (Contactor) Control



EXAMPLE Of Fine Remote Amperage Control

See welding power source Owner's Manual to determine if Remote Foot Control works as a fine or as full Amperage control.



In Example:
 Min = 30 A In Range A or 40 A In Range B (Unit Minimum)
 Max = 95 A In Range A or 200 A In Range B (Control Setting)

Set Switch



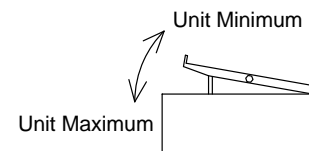
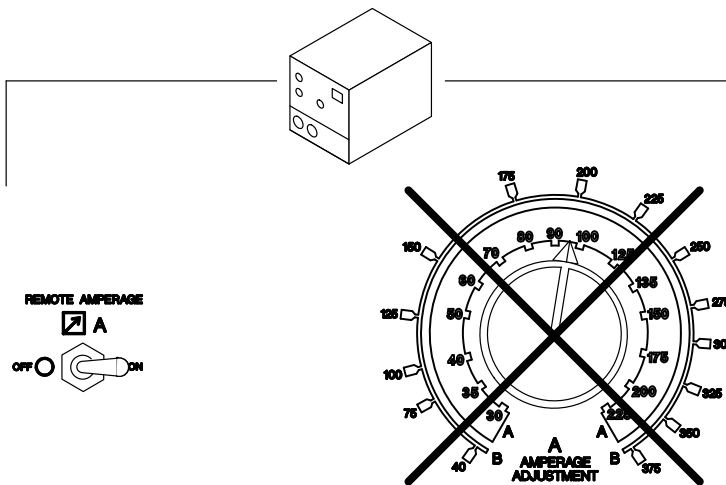
Set Desired Max. Amperage For Application



Press Control To Adjust Amperage

OR

EXAMPLE Of Full Remote Amperage Control



In Example:
 Min = 30 A In Range A or 40 A In Range B (Unit Minimum)
 Max = 225 A In Range A or 375 A In Range B (Unit Maximum)

Set Switch



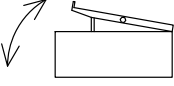

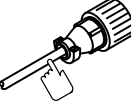
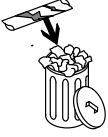



Control Setting Does Not Matter



Press Control To Adjust Amperage

5. Routine Maintenance

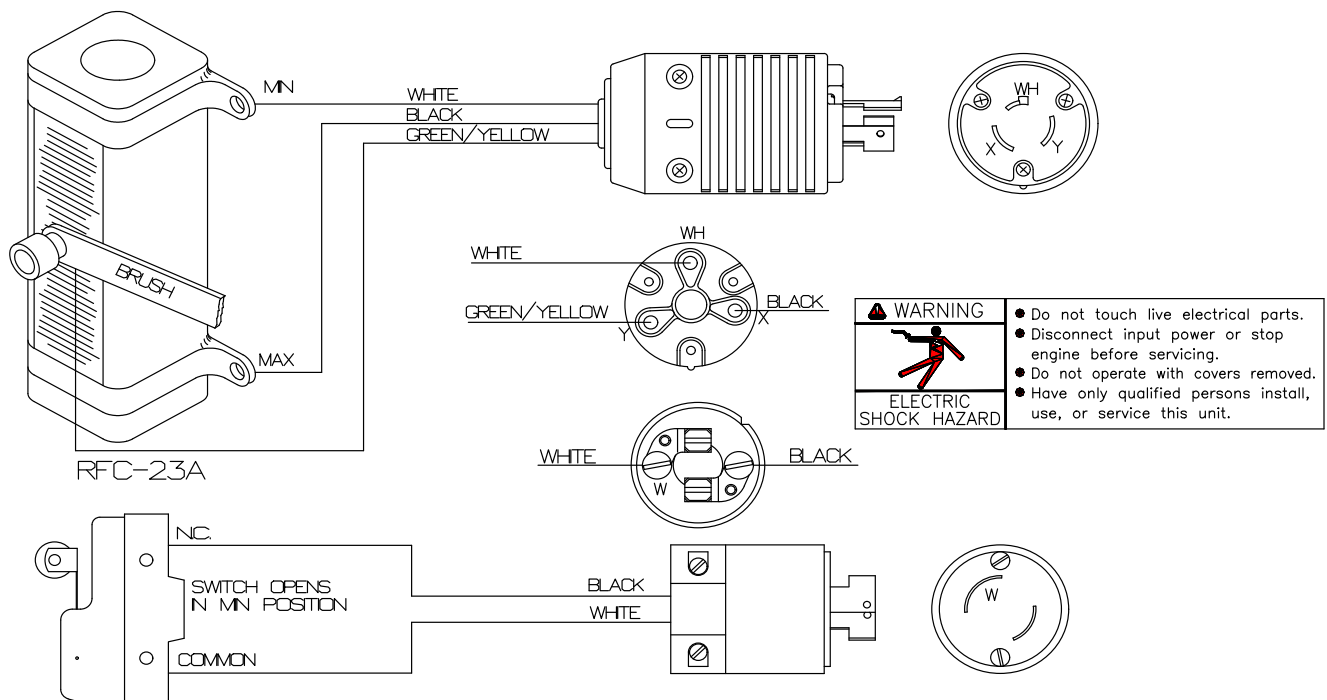
 Turn off welding power source and disconnect foot control before maintaining.		 Everyday
		Move Control From Min. To Max.
 3 Months		
 Cord(s)		Replace Cracked Parts
		Replace Unreadable Labels

6. Troubleshooting

Trouble	Remedy
No amperage or voltage control.	Set switches and controls on welding power source or generator (see Section 4*).
	Be sure welding power source Power switch is On.
	Secure cord connections or replace cords, if necessary.
	Be sure welding power source Power switch is On.
	Secure cord connections or replace cords, if necessary.

*See welding power source or generator Owner's Manual.

7. Electrical Diagram



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Figure 7-1. Circuit Diagram For RFC-23A

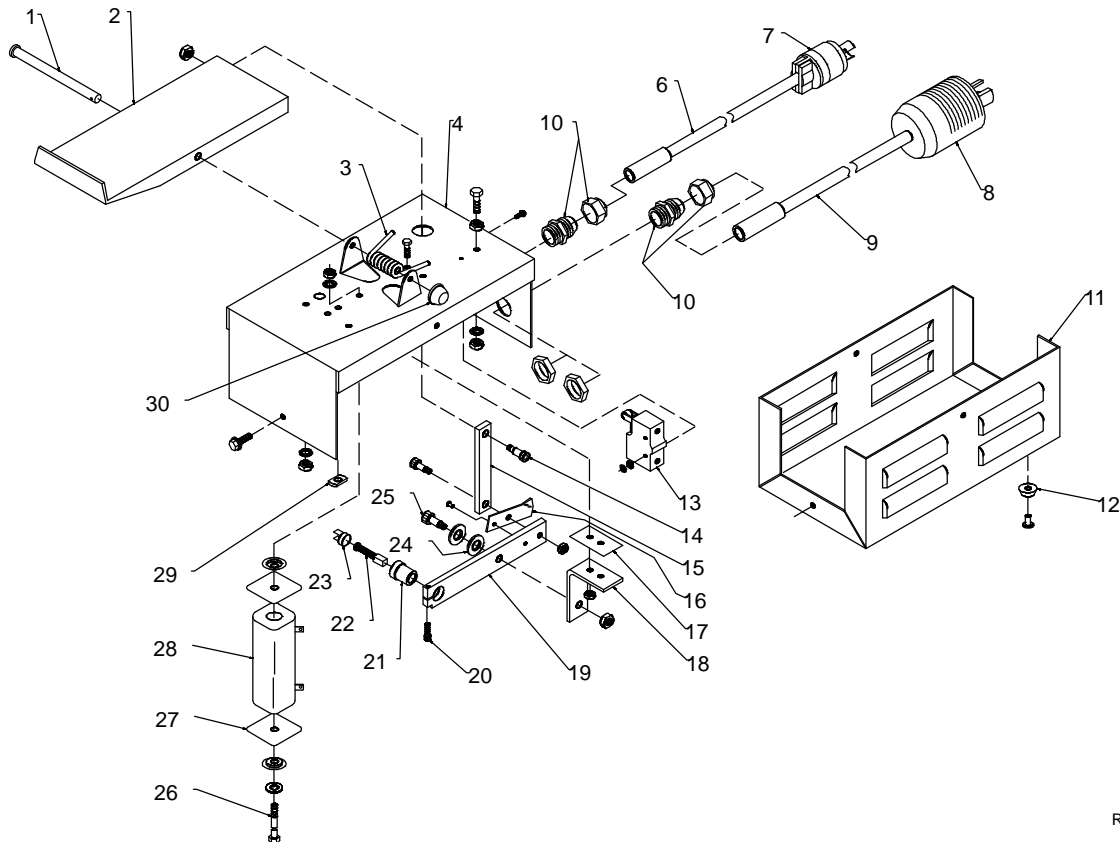
8. Parts List

Item No.	Part No.	Description	
.. 1 ..	206075 ..	PIN, hinge	1
.. 2 ..	019662 ..	PEDAL, foot	1
.. 3 ..	175972 ..	SPRING, torsion	1
.. 4 ..	+159894 ..	CASE SECTION, cover/end	1
.....	085220 ..	LABEL, caution electric circuit etc	1
.. 6 ..	600340 ..	CABLE, port no 16 2/C TYPE SOOW RB JKT	20 Ft
.. 7 ..	039618 ..	PLUG, twlk 2P 2W 20A 250V	1
.. 8 ..	605797 ..	PLUG, twlk 3P3W 20A 125V	1
.. 9 ..	204213 ..	CABLE, port no 16 3/C TYPE ST PVC JKT	20 Ft
.. 10 ..	139042 ..	BUSHING, strain relief .270/.470 ID X .804 mtg hole	2
.. 11 ..	014920 ..	CASE SECTION, base/side	1
.. 12 ..	239388 ..	BUMPER, rbr .875 OD X .188 ID X .39 high recessed	4
.. 13 ..	011628 ..	SWITCH, limit 15A 125V	1
.. 14 ..	159897 ..	SCREW, shld stl sch .250-20 x .437	2
.. 15 ..	159895 ..	BAR, pedal control foot	1
.. 16 ..	010795 ..	ACTUATOR, switch limit	1
.. 17 ..	184179 ..	SPACER, support arm brush	1
.. 18 ..	159892 ..	BRACKET, support arm	1
.. 19 ..	159893 ..	ARM, brush holder	1
.. 20 ..	604432 ..	SCREW, cap stl sch 8-32 x 1.000	1
.. 21 ..	018639 ..	HOLDER, brush	1
.. 22 ..	*018640 ..	BRUSH, contact	1
.. 23 ..	161306 ..	CAP, brush holder	1
.. 24 ..	079625 ..	WASHER, spring stl .500 shakeproof	1
.. 25 ..	159896 ..	SCREW, shld stl sch .312-18 x .375	1
.. 26 ..	601795 ..	BOLT, mach stl hexhd .250-20 x 4.500	1
.. 27 ..	276279 ..	INSULATOR, resistor	2
.. 28 ..	175266 ..	RESISTOR, WW adj 130W 15 ohm	1
.. 29 ..	601855 ..	NUT, weld .250-20	1
.. 30 ..	010322 ..	NUT, 375-00 slip-on plastic acorn	1
.....	NAMEPLATE (order by model number)	1

+ When ordering a component originally displaying a precautionary label, the label should also be ordered.

*Recommended Spare Parts.

To maintain the factory original performance of your equipment, use only Manufacturer's Suggested Replacement Parts. Model and serial number required when ordering parts from your local distributor.



Ref 145 917-G

