

Powermax600® Power Supply Torch Quick Disconnect

Raccord rapide de la torche de la source de courant Powermax600®

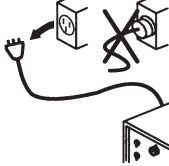
Field Service Bulletin

Bulletin de service sur le terrain

803720 – Revision 1 – September, 2007

Révision 1 – Septembre, 2007

Hypertherm®

		DANGER ELECTRIC SHOCK CAN KILL
		
Disconnect electrical power before performing any maintenance. See <i>Section 1</i> of the Operator Manual for more safety precautions.		

Introduction

Purpose

Describes the necessary steps to retrofit Powermax600® power supplies to use a quick disconnect for the torch lead.

Tools and materials needed

Philips screwdriver
Allen wrench

Kit contents

Kit 128493

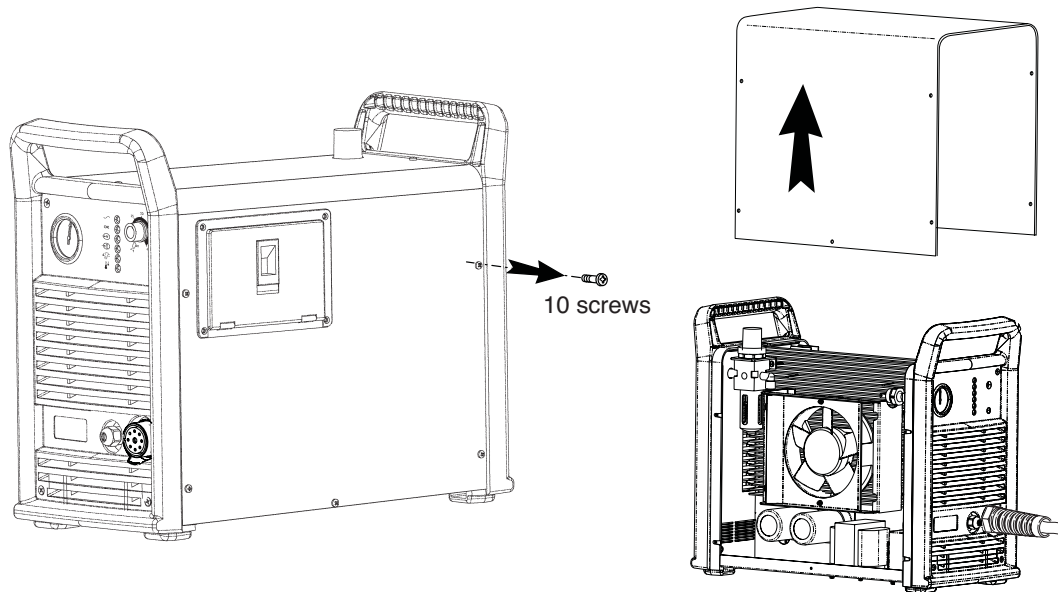
Part Number	Description	Quantity
110242	Label: Powermax600 control panel	1
110274	Decal	1
129534	Receptacle subassembly: quick disconnect	1
129617	Solenoid valve subassembly retrofit	1

Note: This kit may be used only on power supplies with serial numbers 010759 and higher.

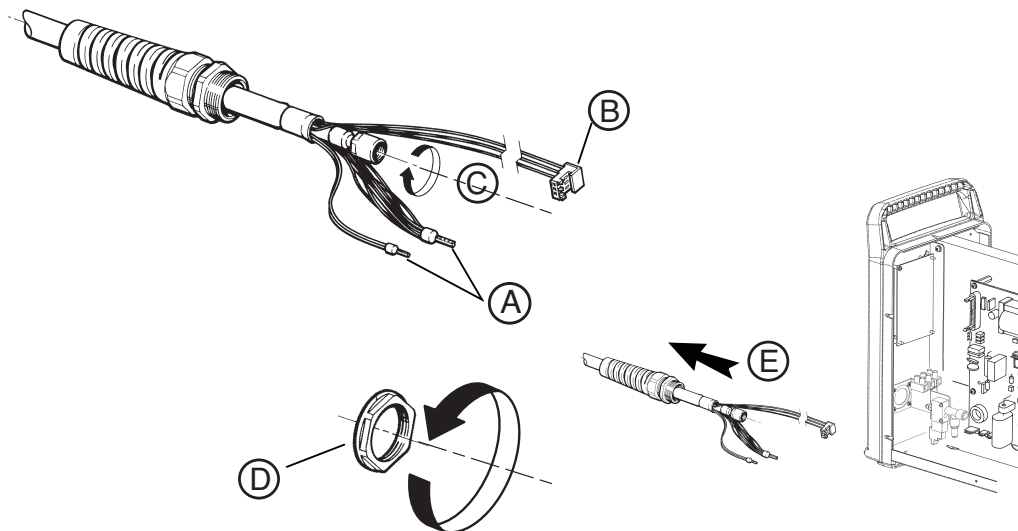
TORCH QUICK DISCONNECT KIT

Installation

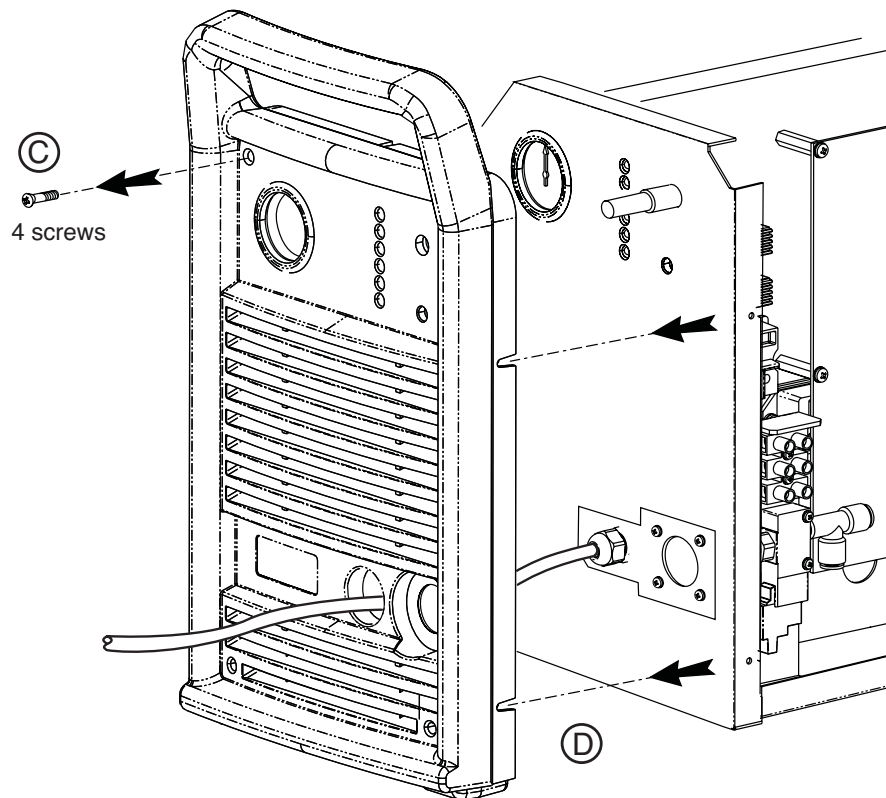
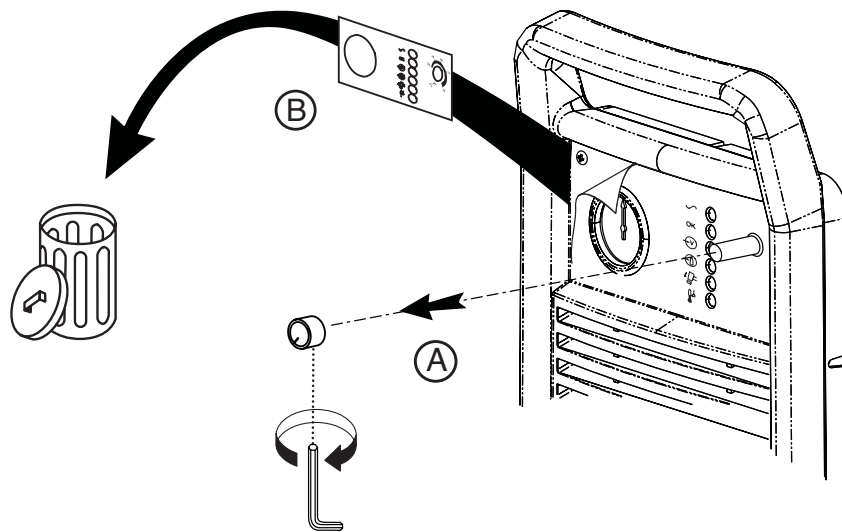
1. Disconnect the electrical power and gas supply before performing any maintenance.
2. Remove the 10 screws from the power supply cover and lift off the cover.



3. Remove the torch lead from the power supply.

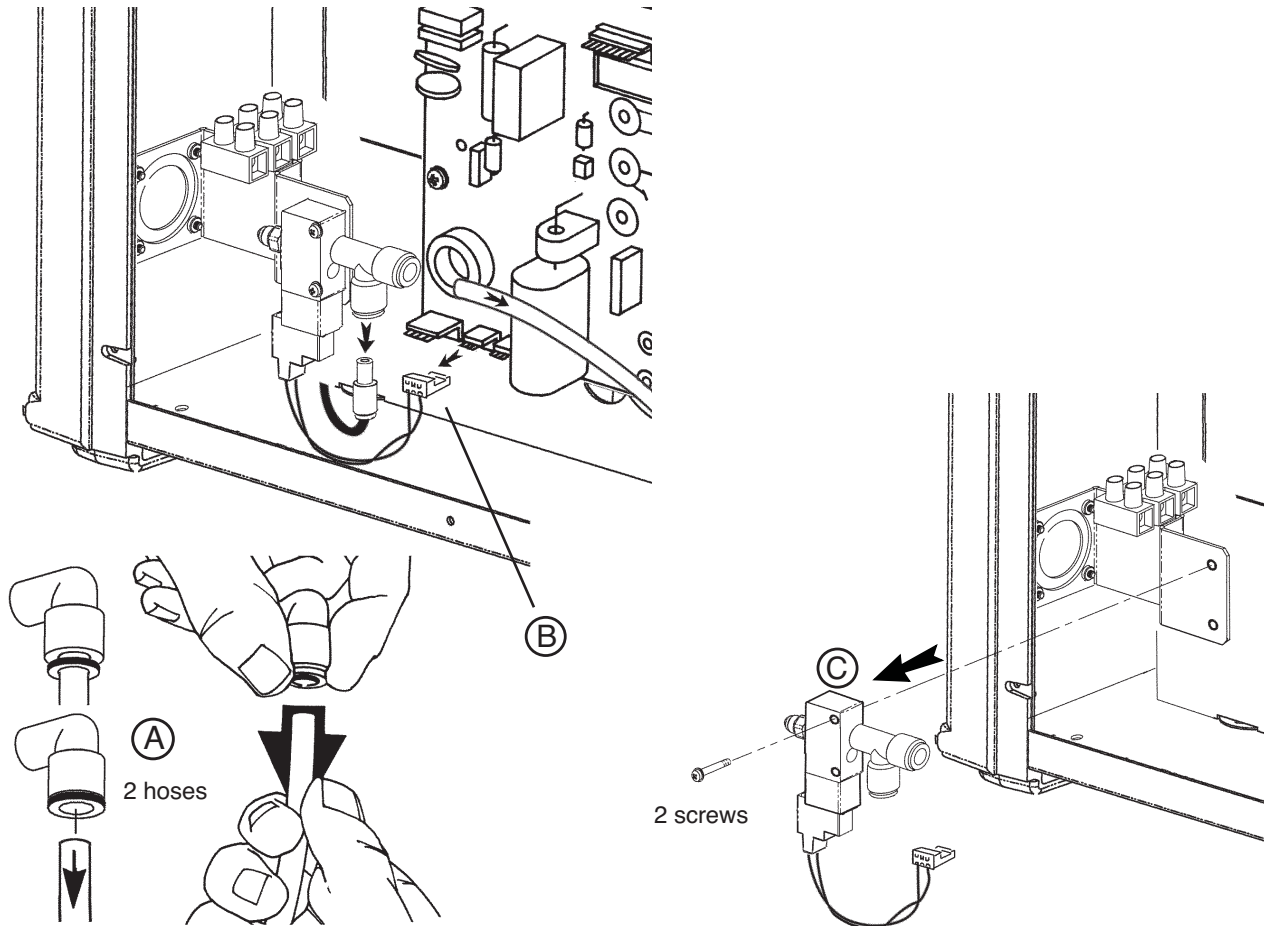


4. Remove the front panel from the power supply.

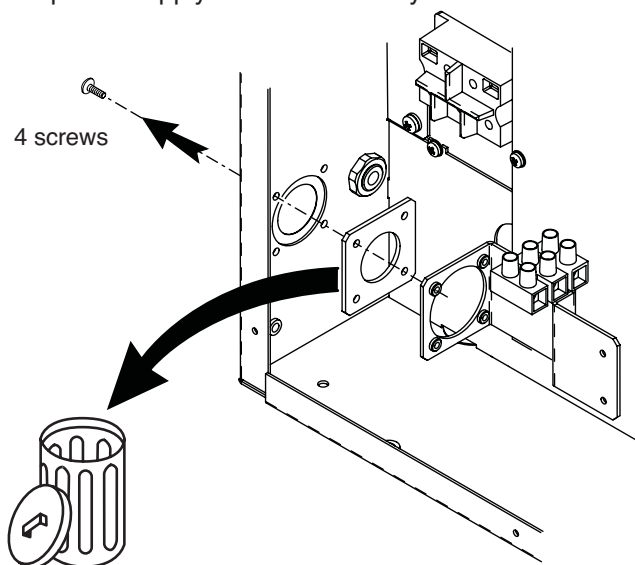


TORCH QUICK DISCONNECT KIT

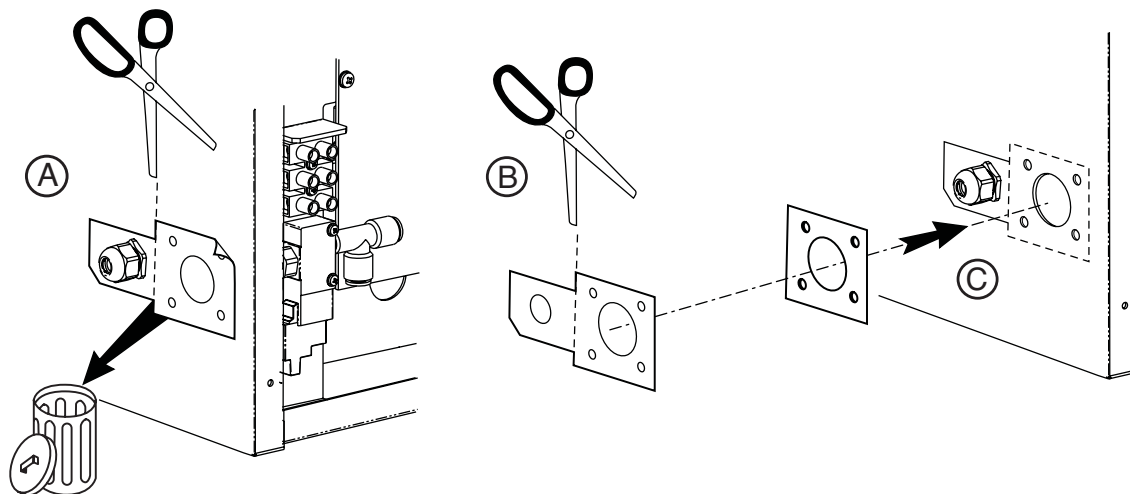
5. Remove the solenoid valve from the power supply.



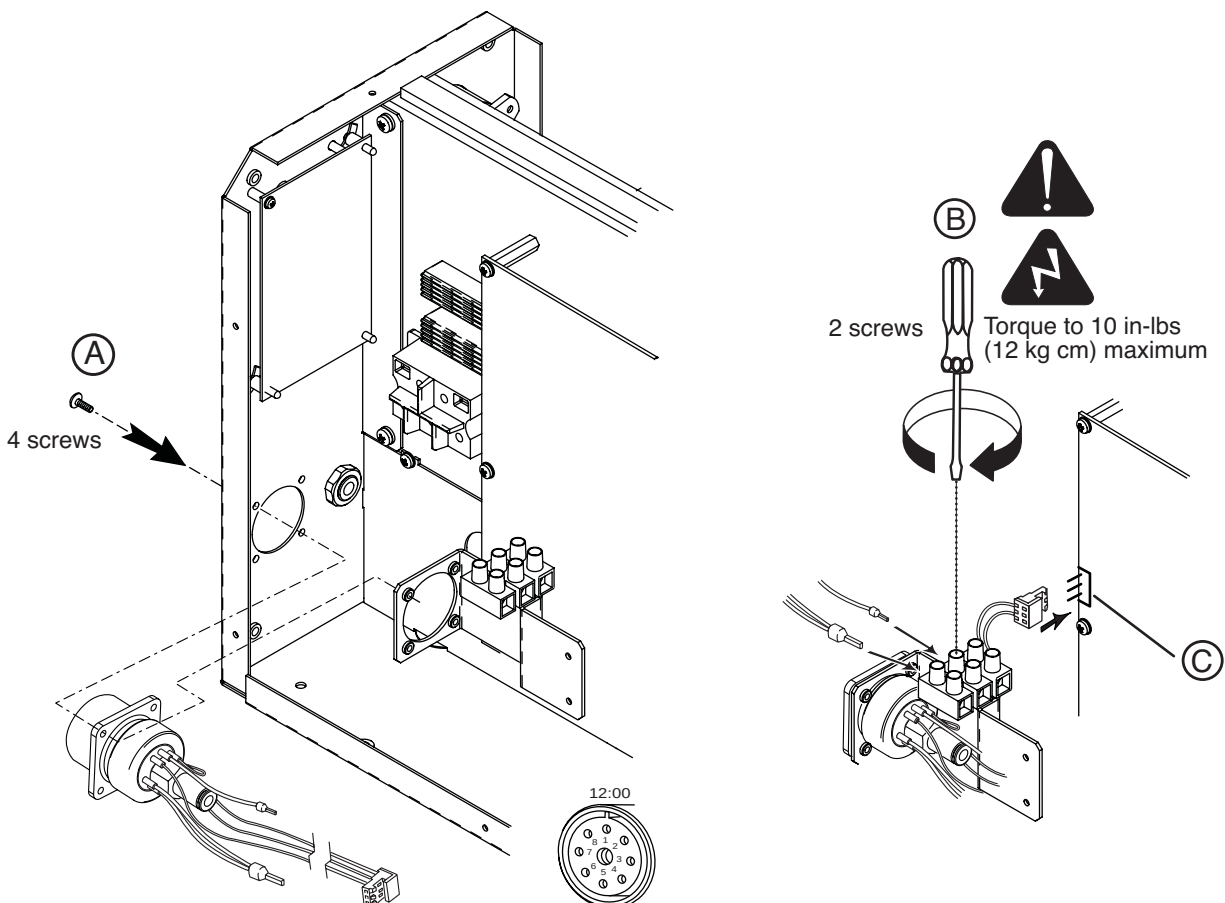
6. Remove the spacer from the power supply and throw it away.



7. Remove the old decal from the power supply and install the new one (part number 110274).

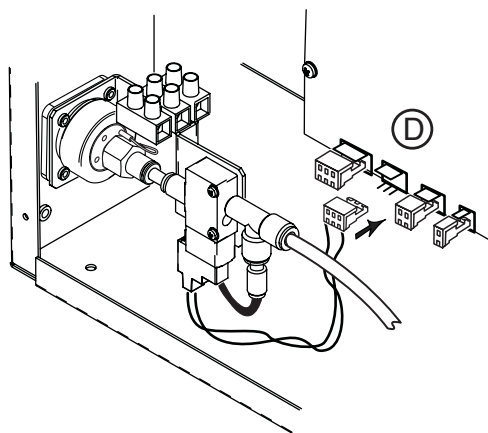
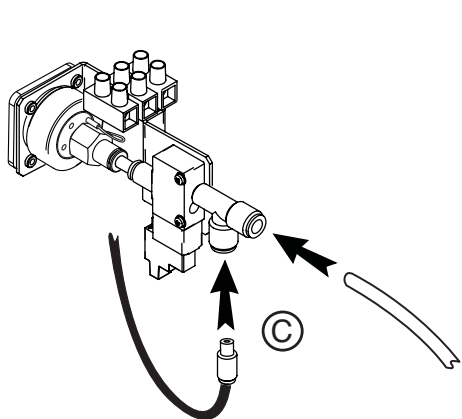
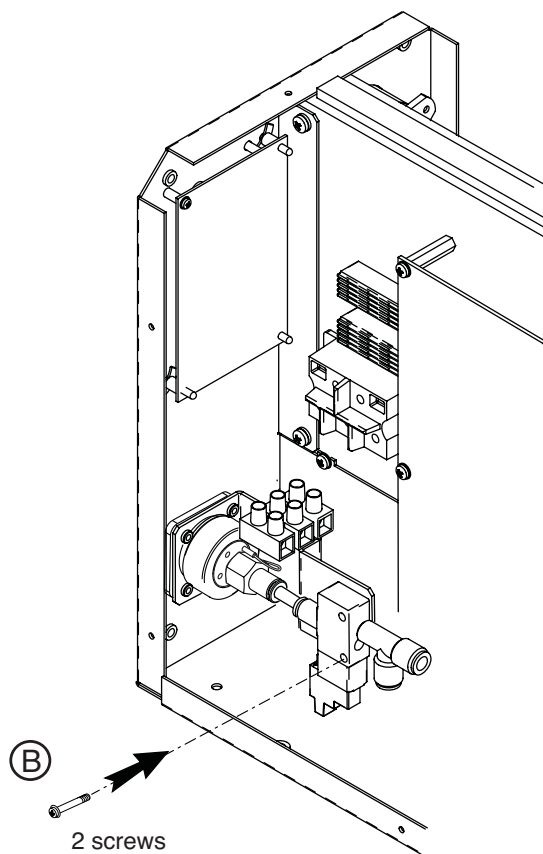
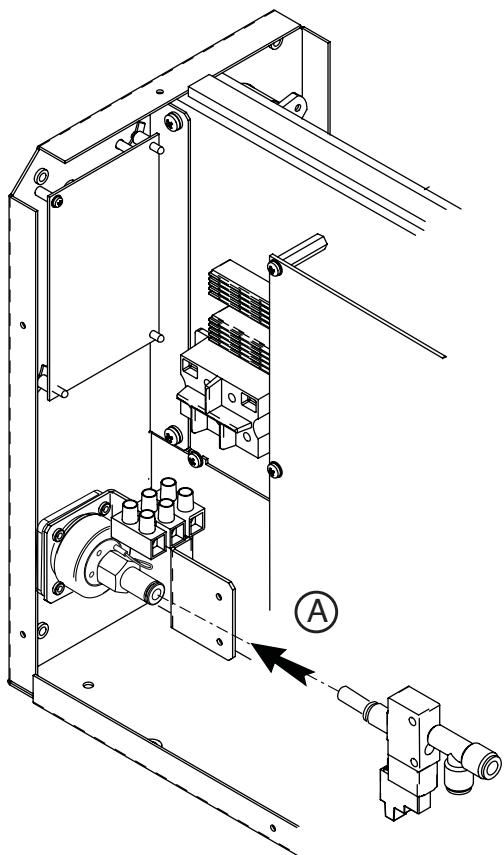


8. Install the quick disconnect (part number 129534) to the power supply.

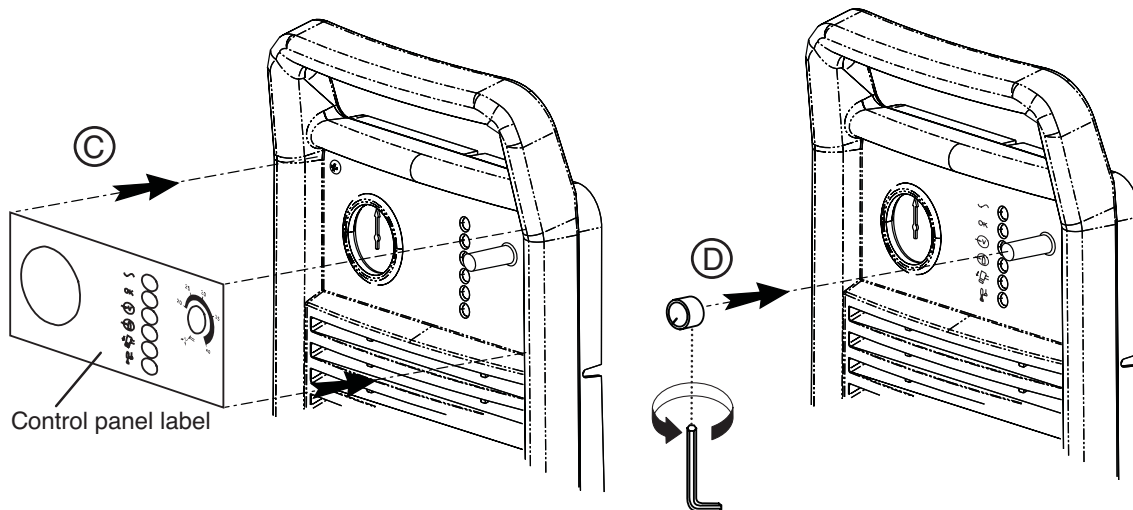
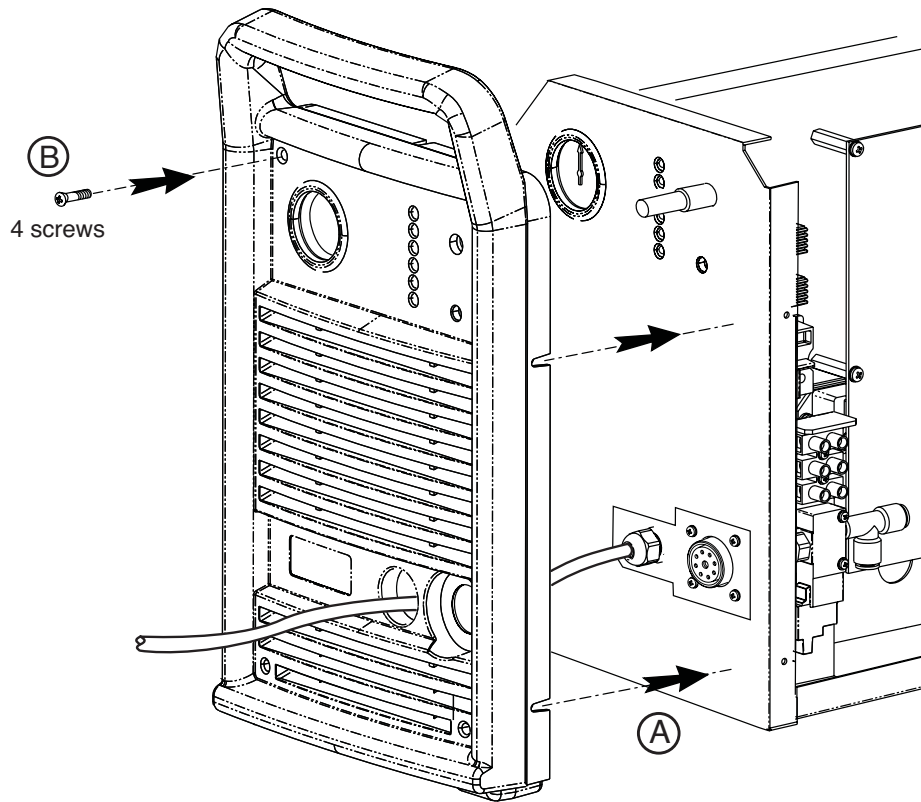


TORCH QUICK DISCONNECT KIT

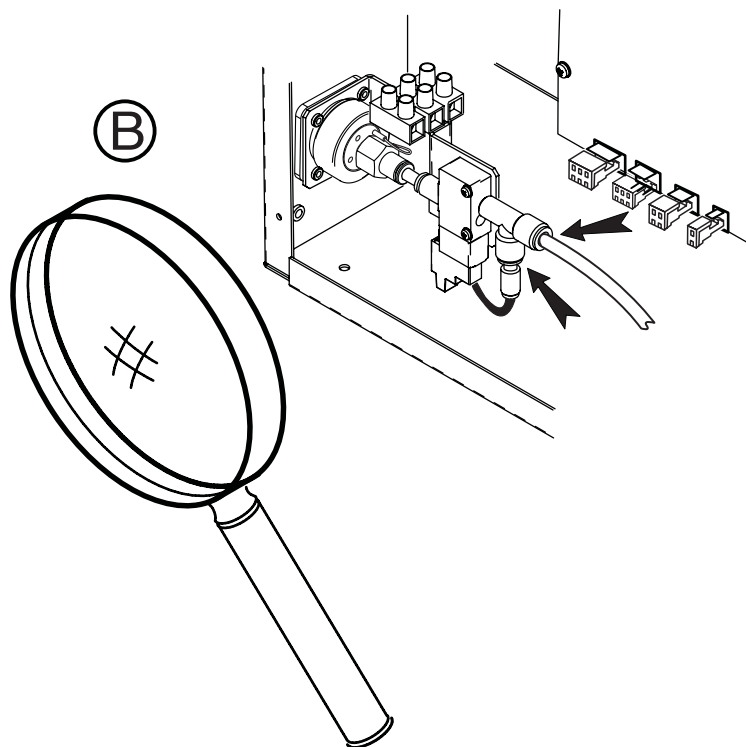
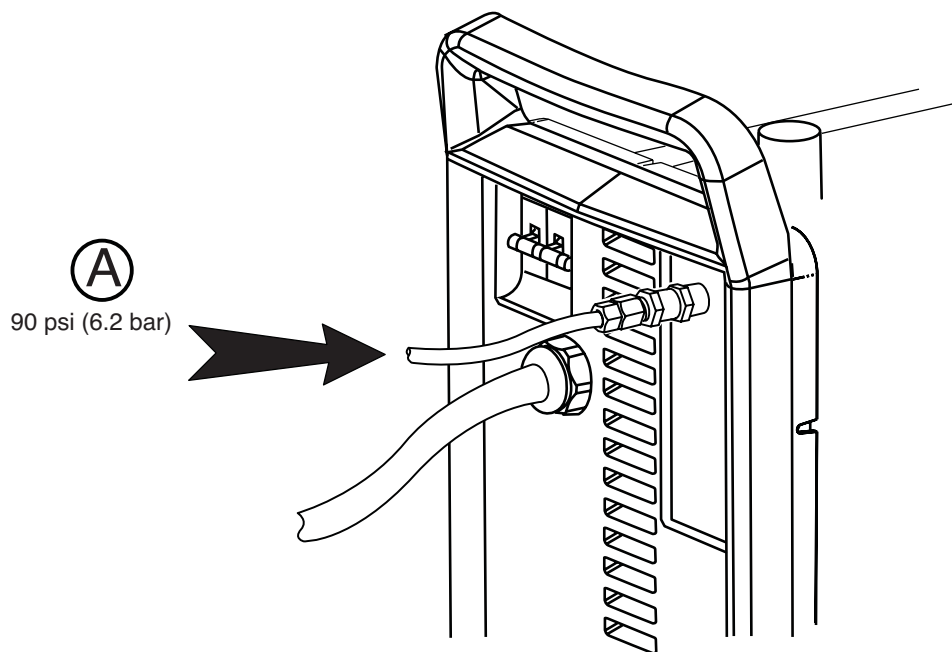
9. Install the new solenoid to the power supply.



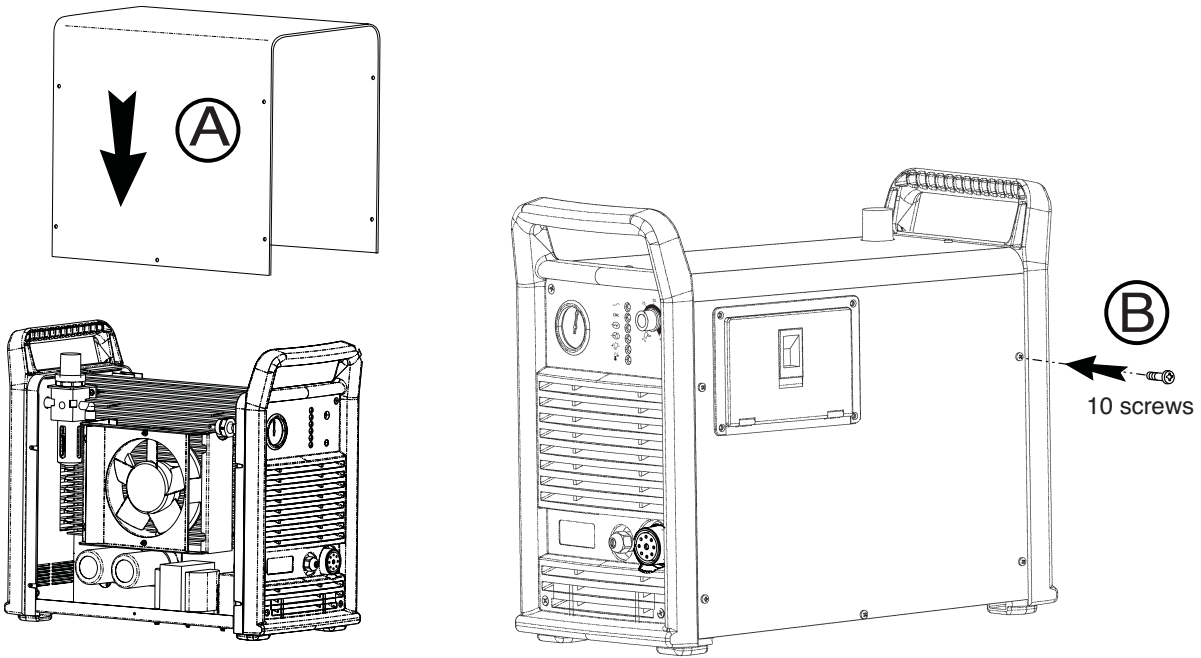
10. Reinstall the front endcap and position the new control panel label (part number 110242) as shown below.

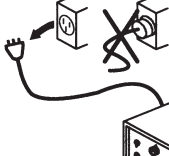


11. Check the gas supply for leaks.



12. Replace the cover on the power supply.



		DANGER DANGER D'ÉLECTROCUTION
	Toujours couper l'alimentation électrique avant de procéder à toute opération d'entretien. Voir la <i>Section 1</i> du Manuel de l'opérateur où l'on donne davantage de mesures de sécurité.	

Introduction

Objet

Description des étapes nécessaires pour moderniser les sources de courant Powermax600[®] pour qu'elles utilisent un débranchement rapide pour le faisceau de torche.

Outils et matériaux nécessaires

Tournevis Phillips
Clé Allen

Composition du nécessaire

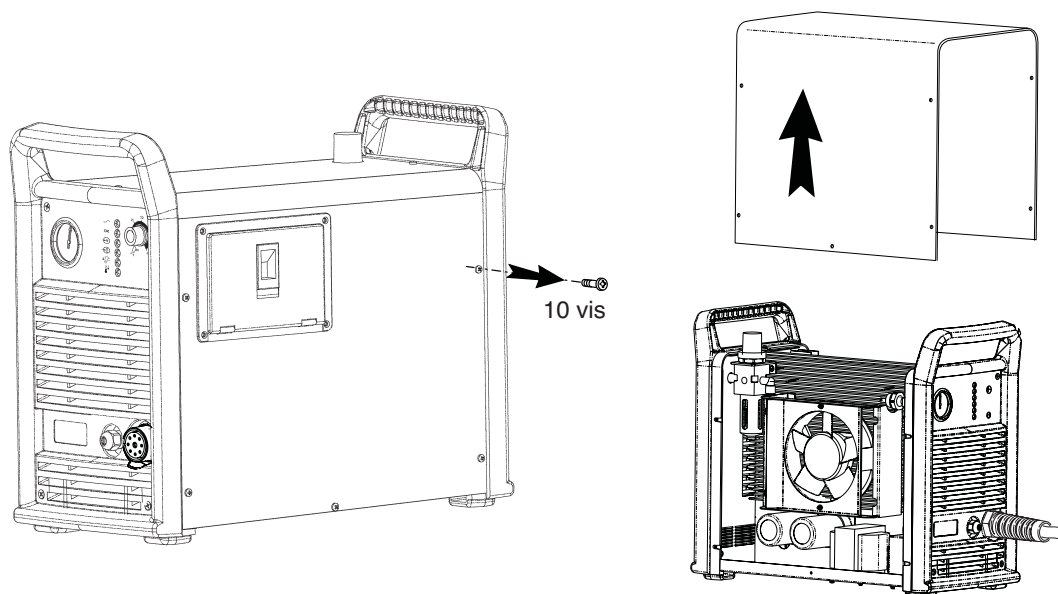
Kit 128493

N° de référence	Description	Quantité
110242	Étiquette : panneau de commande Powermax600	1
110274	Autocollant	1
129534	Sous-ensemble de la prise : débranchement rapide	1
129617	Mise à niveau du sous-ensemble de l'électrovanne	1

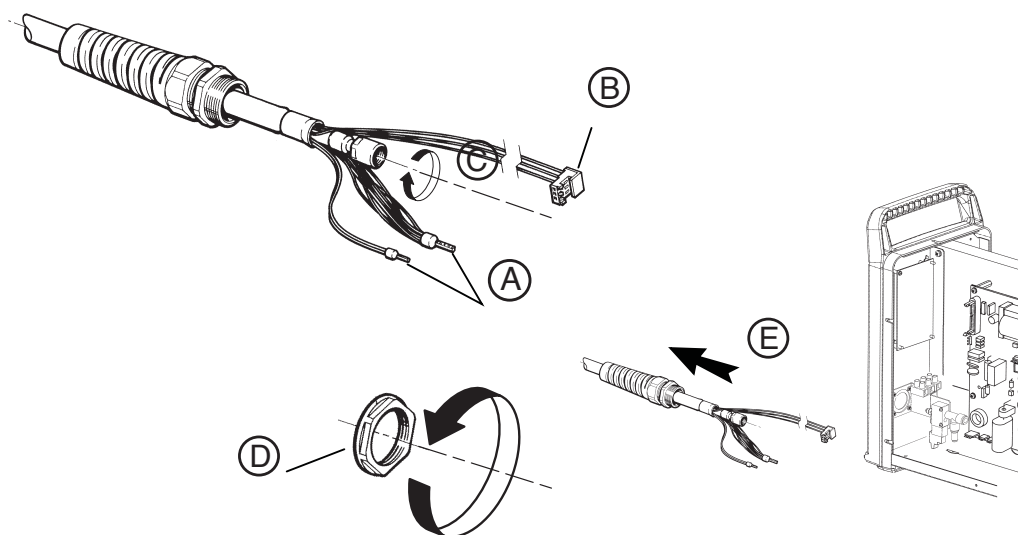
Note : Cet ensemble peut être utilisé uniquement sur les sources de courant dont les numéros de série sont 010759 et plus.

Installation

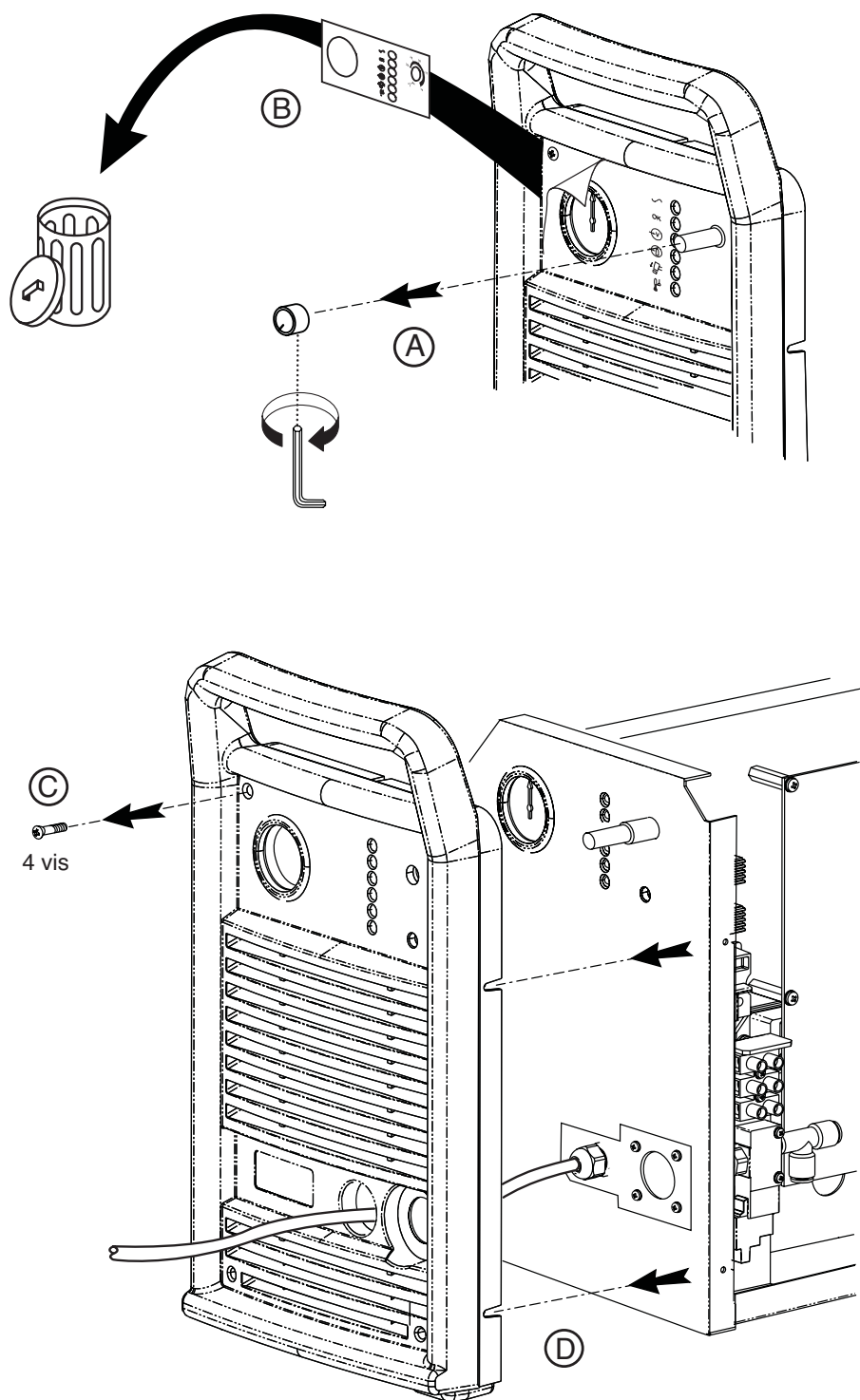
1. Couper l'alimentation électrique et fermer le robinet du gaz d'alimentation avant d'effectuer tout travail d'entretien.
2. Desserrer les 10 vis du capot de la source de courant et soulever le capot.



3. Déposer le faisceau de la torche de la source de courant.

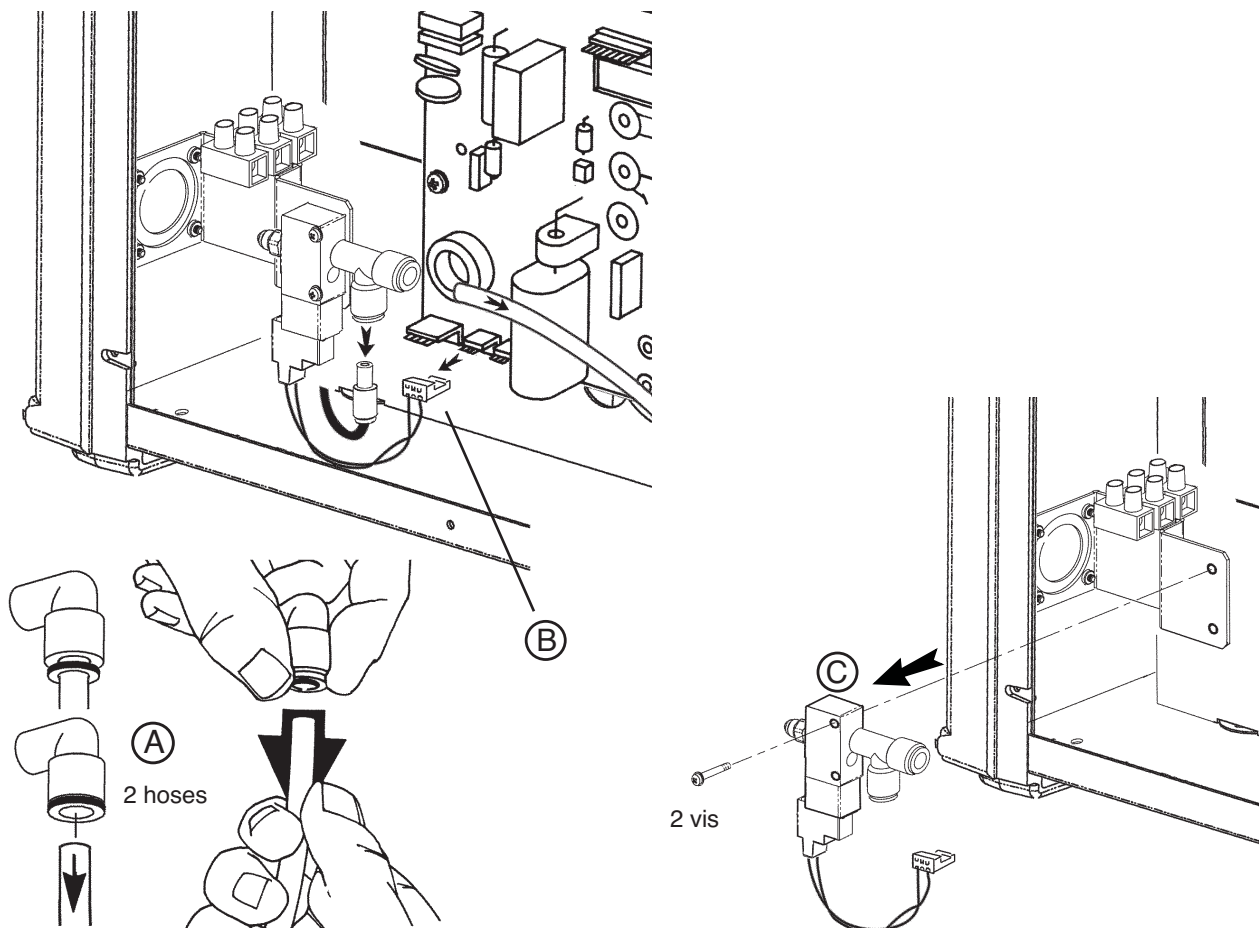


4. Déposer le panneau avant de la source de courant.

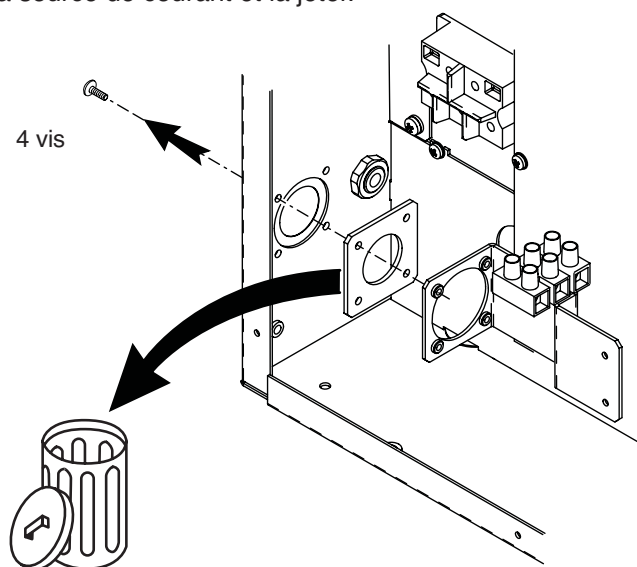


RACCORD RAPIDE DE LA TORCHE DE LA SOURCE DE COURANT

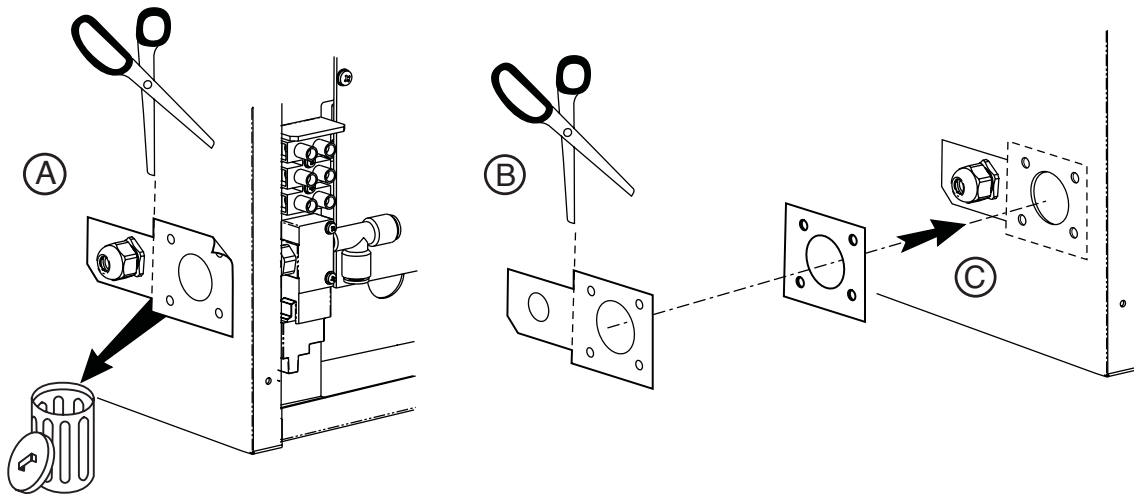
5. Déposer l'électrovanne de la source de courant.



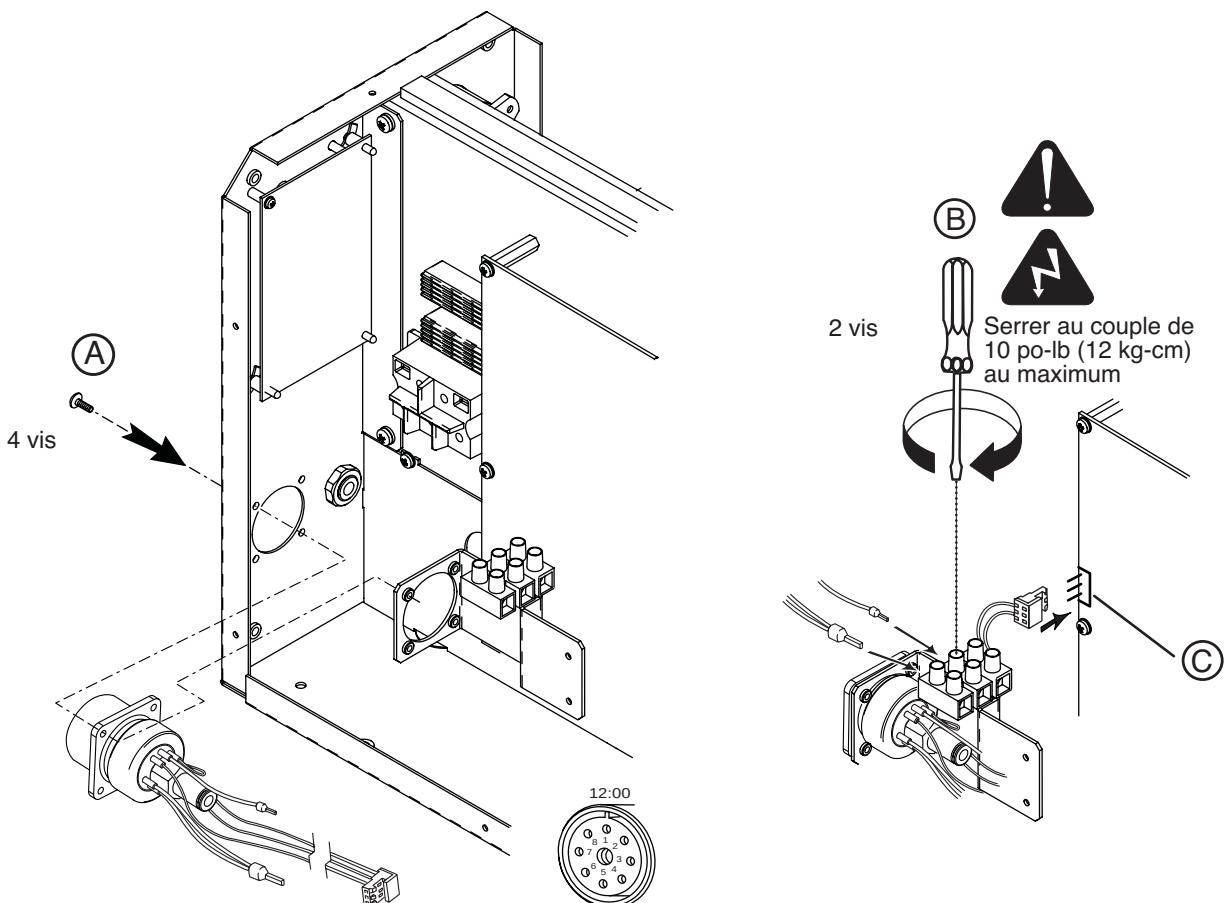
6. Déposer l'entretoise de la source de courant et la jeter.



7. Enlever le vieil autocollant de la source de courant et placer le neuf (numéro de référence 110274).

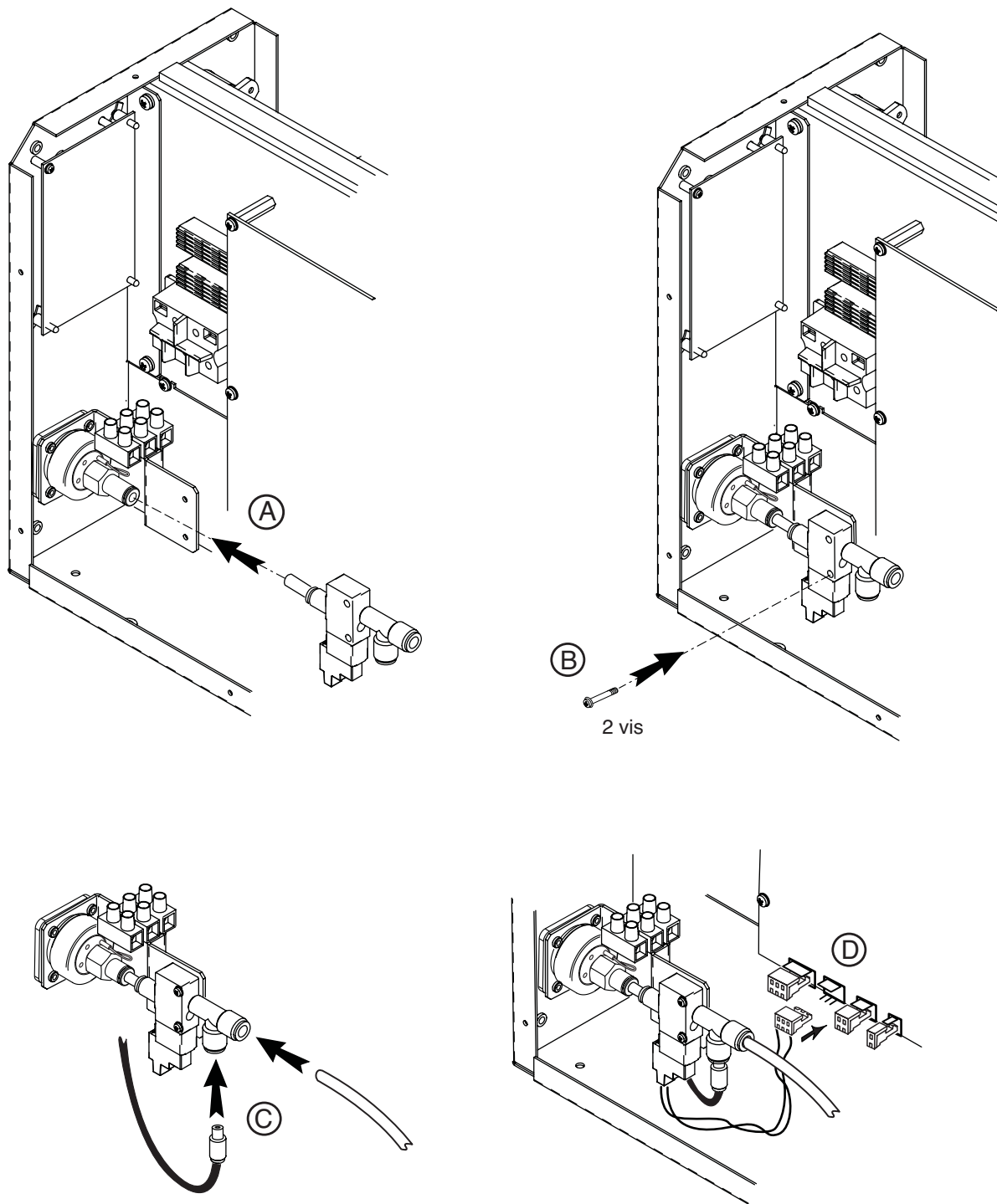


8. Monter le raccord rapide (numéro de référence 129534) sur la source de courant.

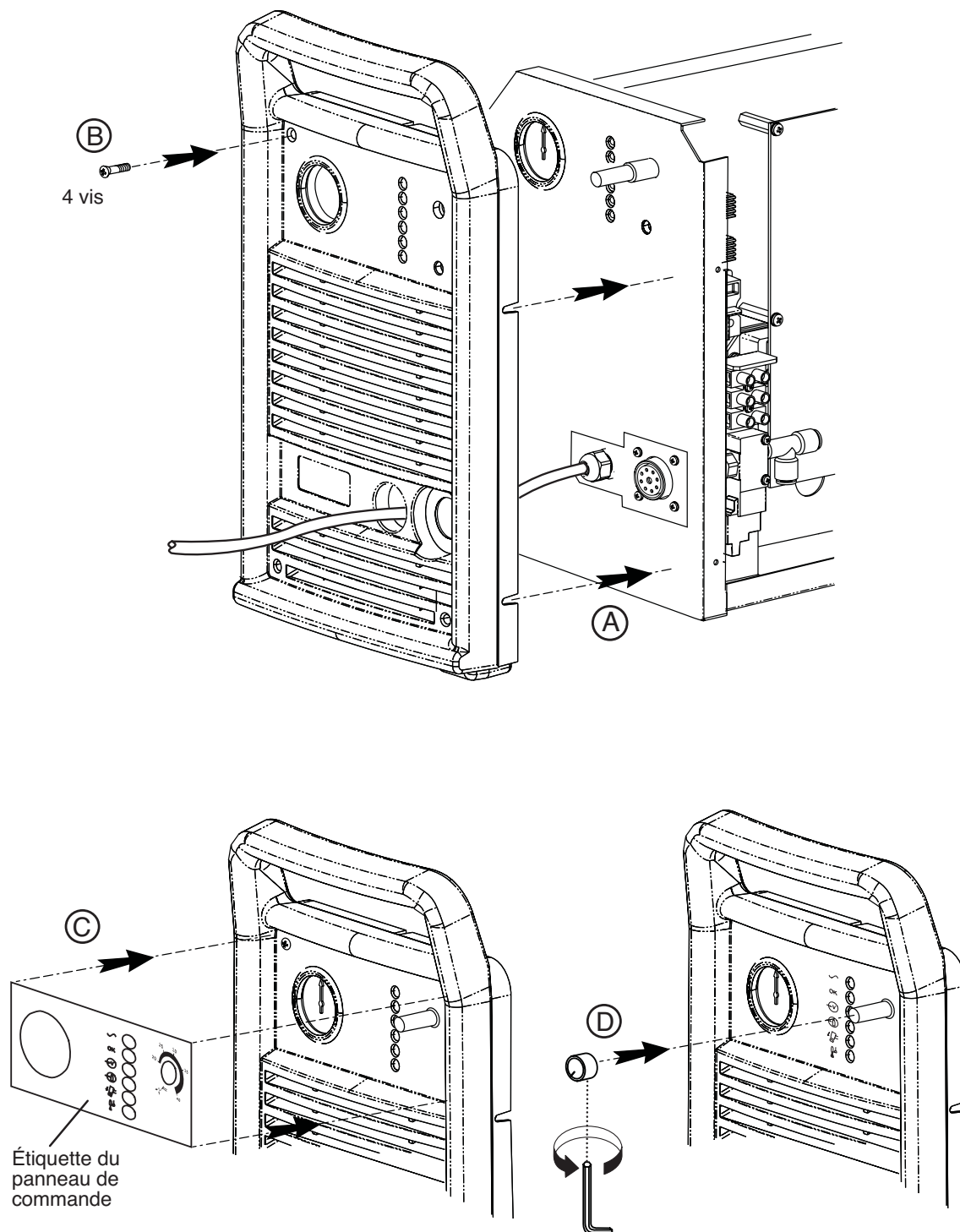


RACCORD RAPIDE DE LA TORCHE DE LA SOURCE DE COURANT

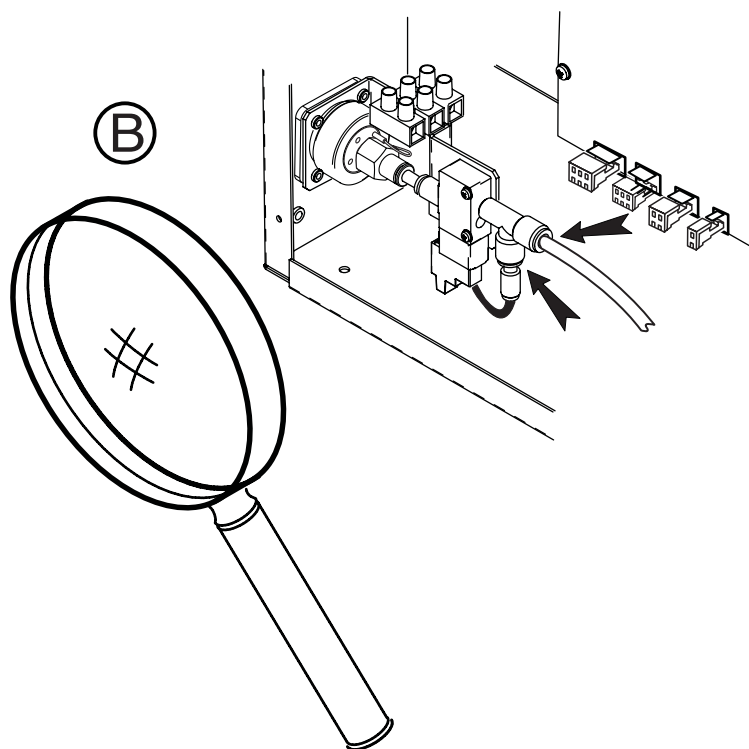
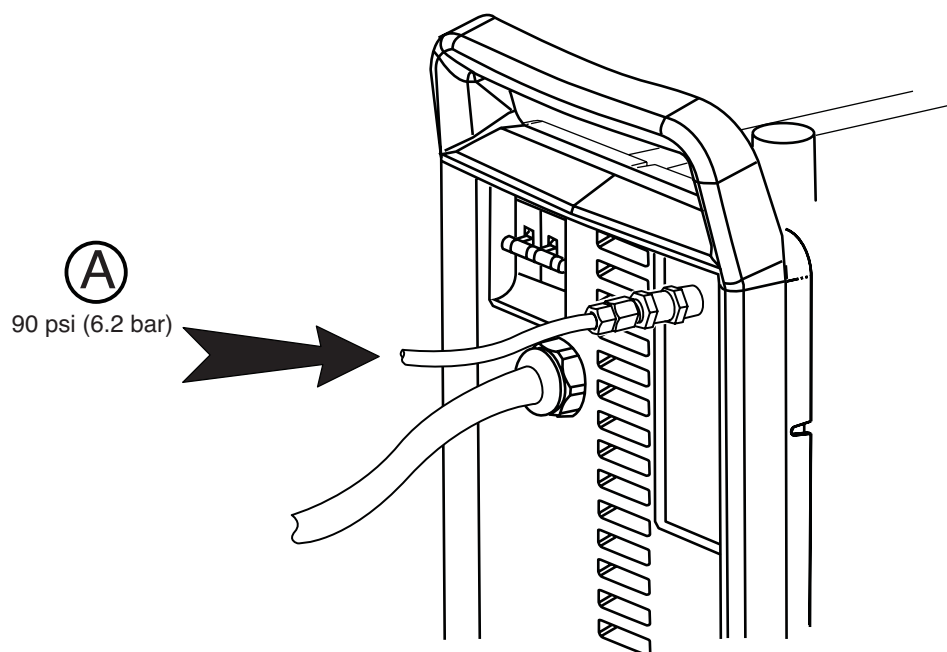
9. Installer l'électrovanne neuve sur la source de courant.



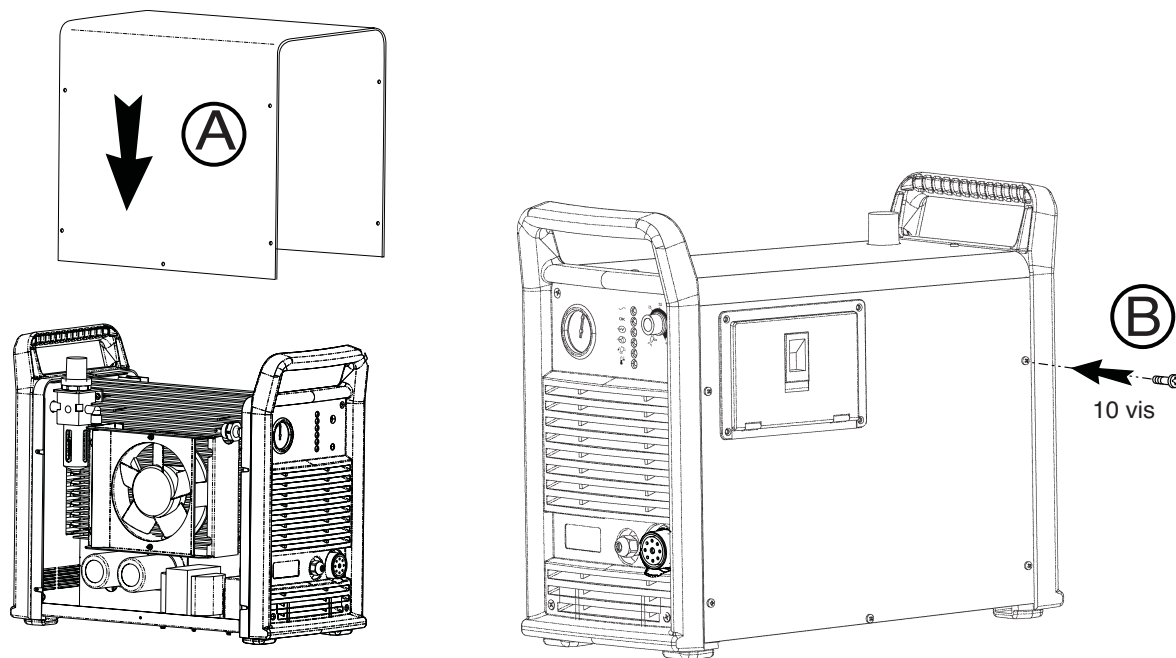
10. Replacer le panneau d'extrémité avant et placer l'étiquette neuve du panneau de commande (numéro de référence 110242) comme on l'indique ci-après.



11. Vérifier l'étanchéité du gaz l'alimentation.



12. Replacer le capot sur la source de courant.



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