

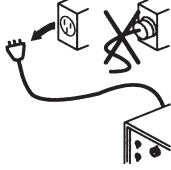


Air Filter Replacement ***powermax380***

Field Service Bulletin

805410 – Revision 0 – April, 2009

Hypertherm®

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

Introduction

Purpose

Explains the steps necessary to replace the air filter on Powermax380 systems.

Tools and materials needed

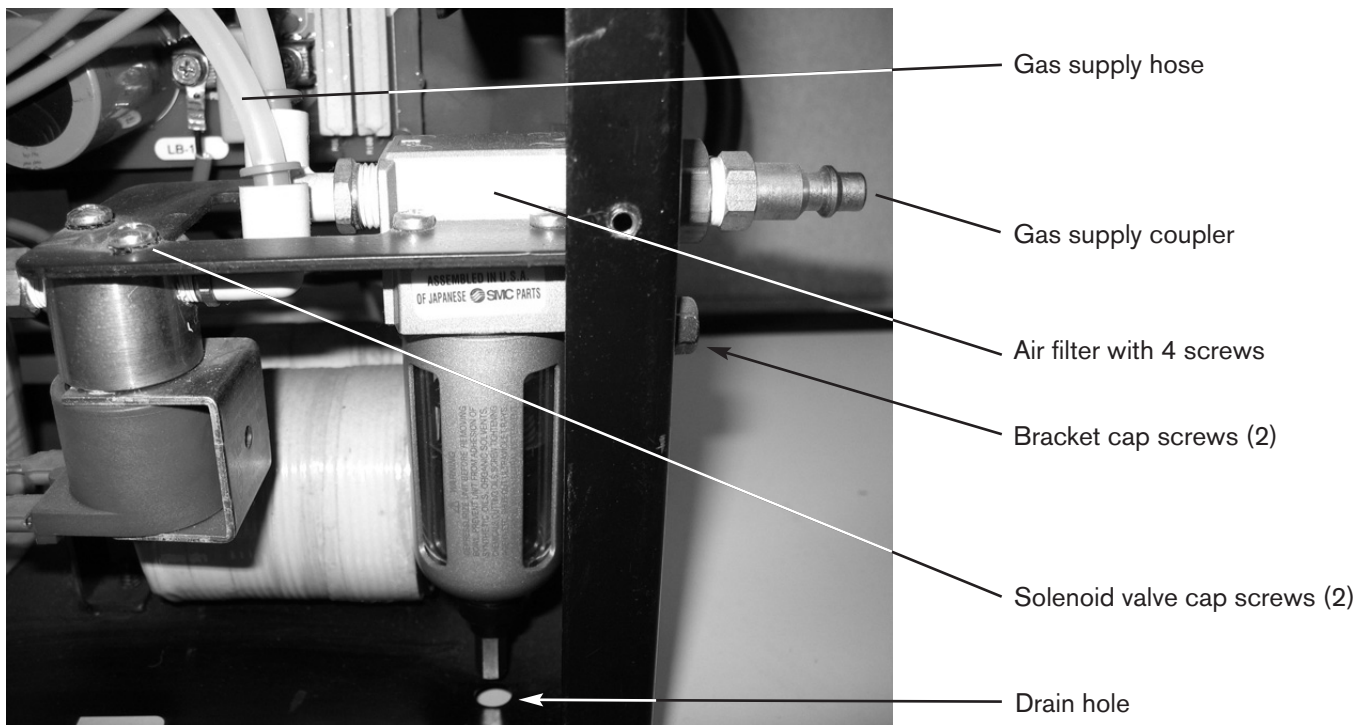
Phillips head screw driver
Nut driver, 5/16" and 3/8"

Kit contents

Item	Part number	Description	Qty
1	060220	Air filter and bracket	1

POWERMAX380 AIR FILTER REPLACEMENT

1. Disconnect the electrical power and the gas supply. Remove the cover from the power supply by removing the 12 cap screws and lifting the cover off.
2. Remove the gas supply coupler.
3. Label the gas hoses that connect to the air filter and the solenoid valve so that you can reconnect them correctly. Disconnect the hoses by compressing the hose fitting collars and pulling the hoses from the fittings.
4. Remove the drain hose from the hole in the floor of the power supply.
5. Remove the 2 cap screws that secure the bracket to the power supply chassis.
6. Remove the 2 cap screws that secure the solenoid valve to the bracket.
7. Remove the bracket and air filter.
8. Align the new bracket and air filter with the mounting holes in the power supply chassis, and secure the bracket with the 5/16" cap screws.
9. Screw the solenoid valve to the new bracket.
10. Thread the drain hose through the hole in the floor of the power supply.
11. Push the gas hoses into the hose fittings on the air filter and solenoid valve.
12. Replace the power supply cover, reconnect the gas supply, and reconnect the electrical power.



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