

# ***Mezzanine Mounting Kit***

## ***HD3070***



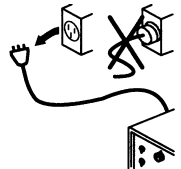
### ***Field Service Bulletin***

***804600 - Revision 0 - June, 2003***

***Hypertherm***<sup>®</sup>

*The world leader in  
plasma cutting technology*<sup>™</sup>

***Hypertherm, Inc.***  
*Etna Road, P.O. Box 5010  
Hanover, NH 03755 USA  
603-643-3441 Tel 603-643-5352 Fax  
[www.hypertherm.com](http://www.hypertherm.com)*

		<p><b>WARNING</b> ELECTRIC SHOCK CAN KILL</p>
		<p><b>Disconnect electrical power before performing any maintenance. See the HD3070 Instruction Manual for more safety precautions.</b></p>

## Introduction

### Purpose

This kit allows you to mount the HD3070 power supply on a mezzanine level. The power supply is installed at a higher level than the cutting table. This kit prevents the coolant from leaking from the torch.

### Kit Contents

Part Number	Description	Qty
129383	Valve	1
046047	Tubing: 3/8" outside diameter, 9" long	1
074134	Tee terminals	2
075538	Machine screws: 10-24 x 3/8"	2

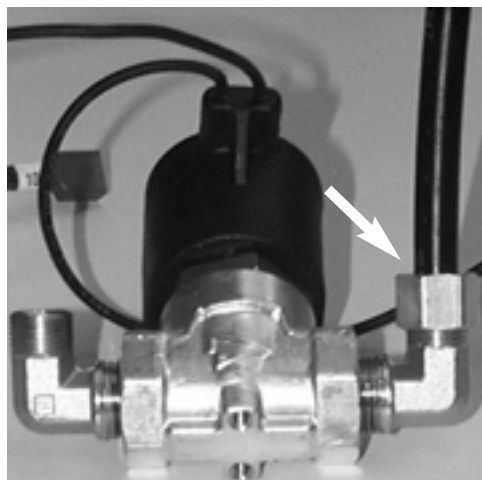
### Preparation

1. Remove gauge/cap from coolant tank
2. Remove cover
3. Drain coolant tank. **If tank is not drained coolant will flow out of hose when disconnected from Tee valve.**
4. Remove and keep brass nuts from valve included in kit (129383). Discard brass ferrules
5. Close tee valve and undo hose fitting as shown below

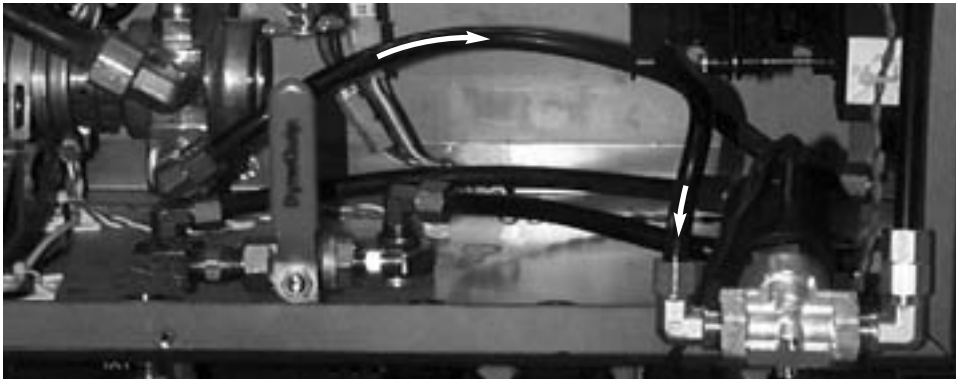


### Installation

1. Assemble parts as shown below and attach hose supplied in kit to the valve assembly **OUT** fitting.



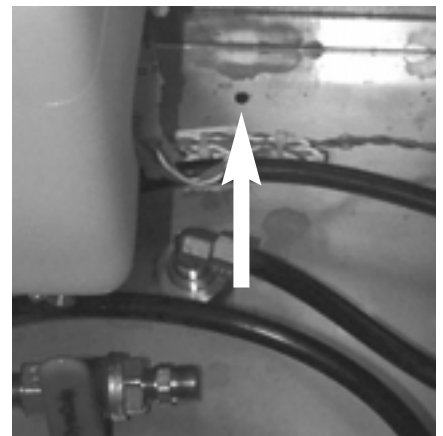
2. Attach hose from pump assembly to valve **IN** fitting on new valve. See picture below.



3. Remove tie-wrap base. This will help prevent damage to the wires when the valve is installed.



4. Mount the valve using one of the screws provided. Position the valve (as show below left) and insert screw through hole in bottom of cooling compartment (below right).



5. Attach hose from valve **OUT** to the tee fitting



6. Clamp tee terminals to pump motor wires and connect to terminals from new valve



## Post Installation

1. Open Tee valve
2. Reinstall cover
3. Fill with coolant. See torch coolant system in the *Installation* section of the owners manual for details.
4. Reinstall gauge
5. Installation is complete

© Copyright 2003 Hypertherm, Inc.  
All Rights Reserved

Hypertherm and HD3070 are trademarks of Hypertherm, Inc.  
and may be registered in the United States and/or other countries.