



Torch Lead Strain Relief

Kit: 128549

Field Service Bulletin **(P/N 803870)**

Revision 0 August, 2000

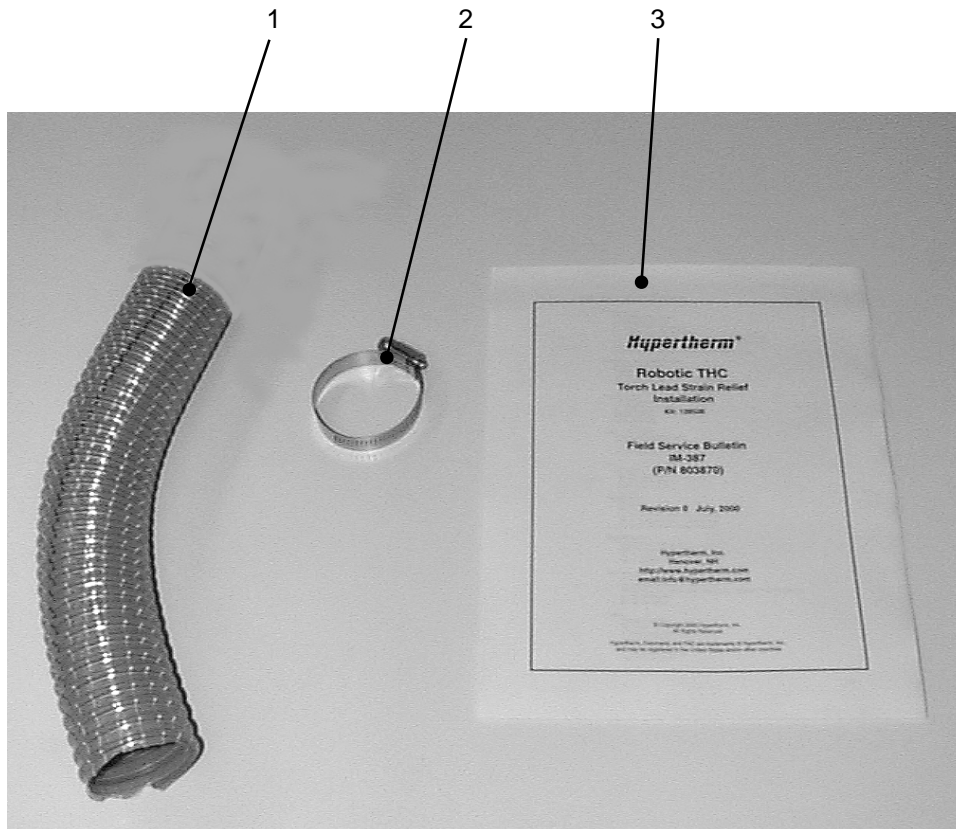
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128549 Contents			
Item	Part Number	Description	Qty.
1	004908	Strain Relief *	1
2	015090	Hose Clamp: 1-5/16 x 2-1/4	1
3	803870	Field Service Bulletin: Robotic THC Strain Relief for PAC184 Torch	1

*Color may differ from picture

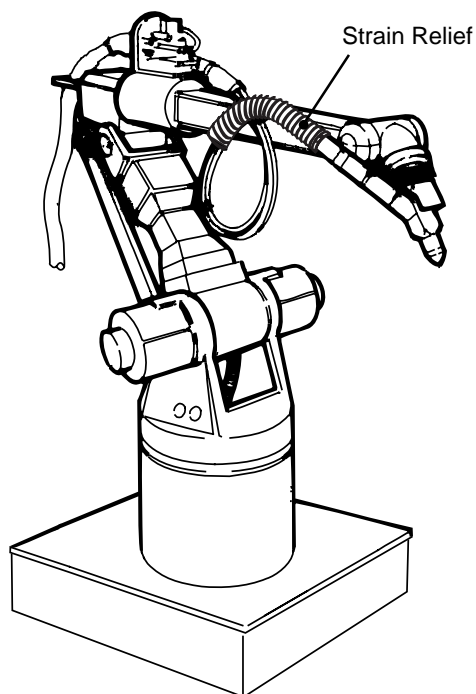


Torch Lead Strain Relief

		<p>WARNING ELECTRIC SHOCK CAN KILL</p>
<p>MODIFICATION MUST BE PERFORMED ONLY BY HYPERTHERM TECHNICIANS, DISTRIBUTORS OR QUALIFIED ELECTRONICS TECHNICIANS</p> <p>Position the ON/OFF circuit breaker on the rear of the power supply to the OFF (O) position and turn the main disconnect switch(es) OFF before any modification work.</p>		

Introduction

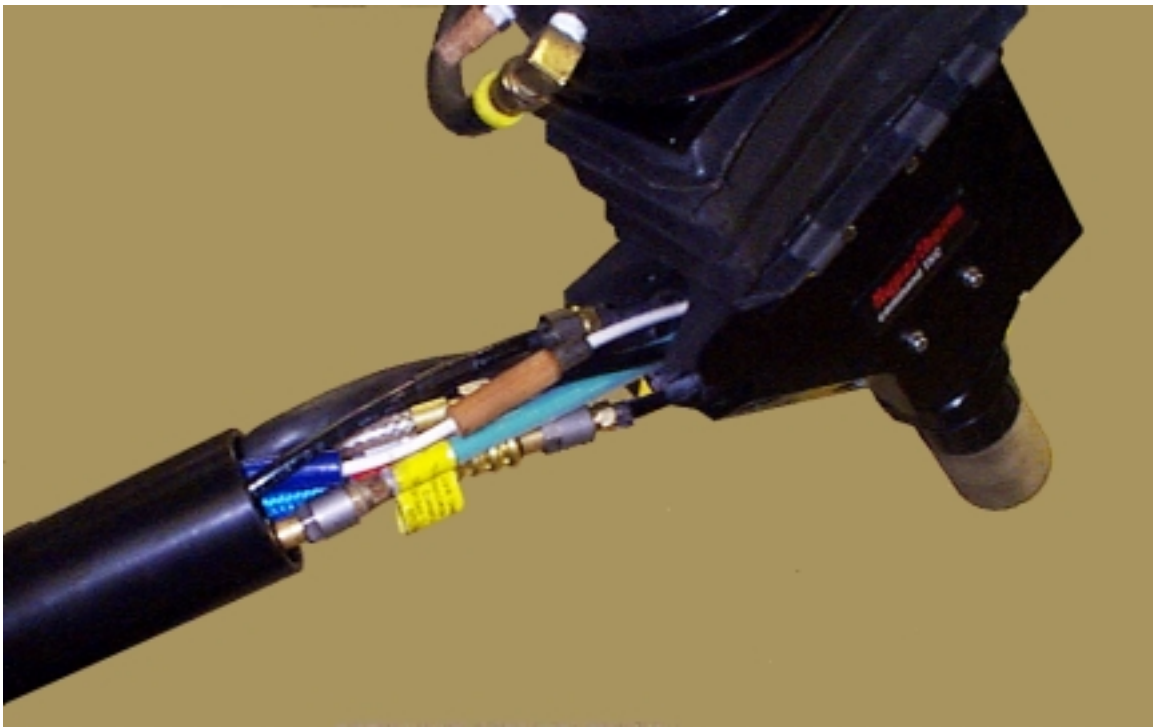
Some robotic motions can cause torch lead kinking near the torch sleeve area. To prevent kinking, a strain relief can be mounted to the torch sleeve using this kit and following these instructions.



Robotic application with strain relief in place

Remove Torch Sleeve

Uncscrew torch sleeve and slide back to access hose connections.



Torch Lead Strain Relief

Disconnect Hoses

Undo all hose connections and slide hoses out of torch sleeve.



Remove Signal Cable Connector Cover

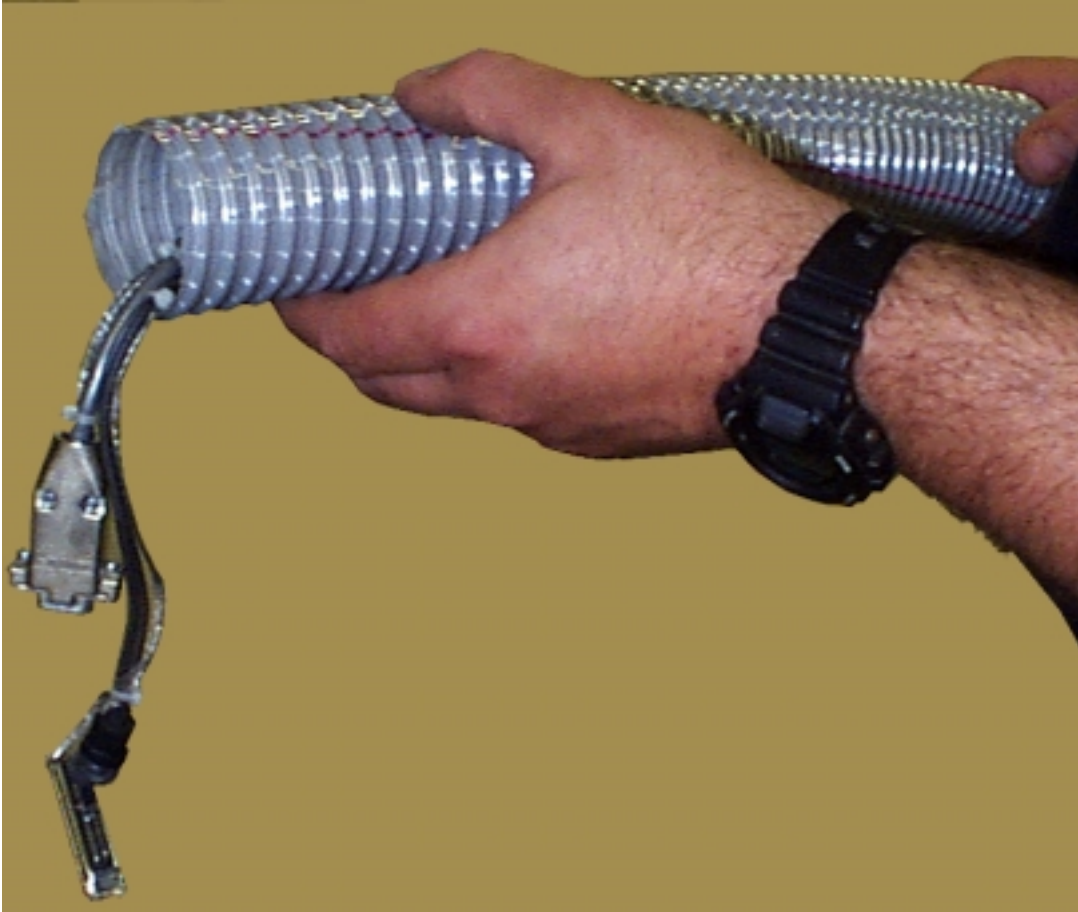
Note: Be careful not to lose small nuts and bolts.



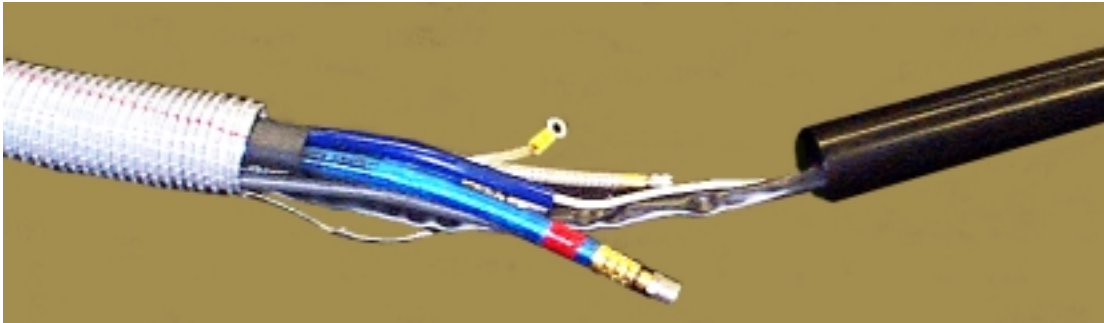
Torch Lead Strain Relief

Route Signal Cables Through Strain Relief

Slide the two signal cables through strain relief and reassemble I/O connector cover.



Route Hoses Through Strain Relief



Route Hoses Through Sleeve



Torch Lead Strain Relief

Connect Hoses to Torch



Screw on Torch Sleeve to Torch

Attach Strain Relief to Torch Sleeve with Hose Clamp

Slide strain relief over torch sleeve, overlapping by 1 inch.

Note: Make sure Plasma vent hose clears end of strain relief.

