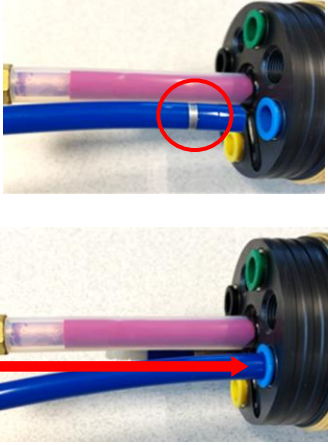

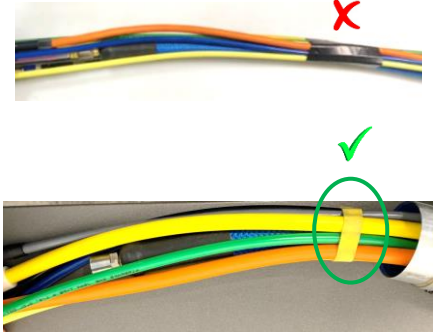


Subject: XPR torch lead improvements




A summary of the changes for reference:

Phase 1

Effective March 31, 2023

The change	The benefit	
<p>Addition of insertion witness depth marks on 6mm (1/4") tube ends</p>	<p>Allows the installer to visualize when the tubing has been fully inserted in the push to connect "legris" fittings of the torch receptacle.</p> <p>The silver band should not be visible if the tubing has been fully inserted.</p>	
<p>Extended electrical/fluid conductors around perimeter/Addition of 25mm (1") to all perimeter electrical/fluid conductors</p>	<p>Reduces the mechanical tension on the push to connect "legris" fittings, pilot arc and ohmic solder joints allowing for slack during cutting motion.</p>	
<p>Moved position of 75mm (3") wide tape away from high flex area of the torch lead/Addition of elastic support band to hold orientation</p>	<p>The yellow elastic support will hold proper lead orientation while allowing the lead to have free movement.</p>	

Phase 2
Effective August 15, 2023

The change	The benefit	
<p>Switched from FireFlex® (sticky material) to InsuL THERM® protective lead cover/sheathing</p>	<p>Easier to route thru C track and some bevel head designs because slides do not stick.</p> <p>Improved durability</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>InsuL THERM</p>  </div> <div style="text-align: center;"> <p>FireFlex</p>  </div> </div>
<p>Added strain relief to the Pilot and Ohmic lead connectors</p>	<p>Improved durability by removing flex of cable on solder joint to reduce mechanical stress which is especially critical with bevel heads and Robotic applications.</p> <p>Note: New FSB (10082293) includes proper installation of the ohmic and pilot lead.</p>	

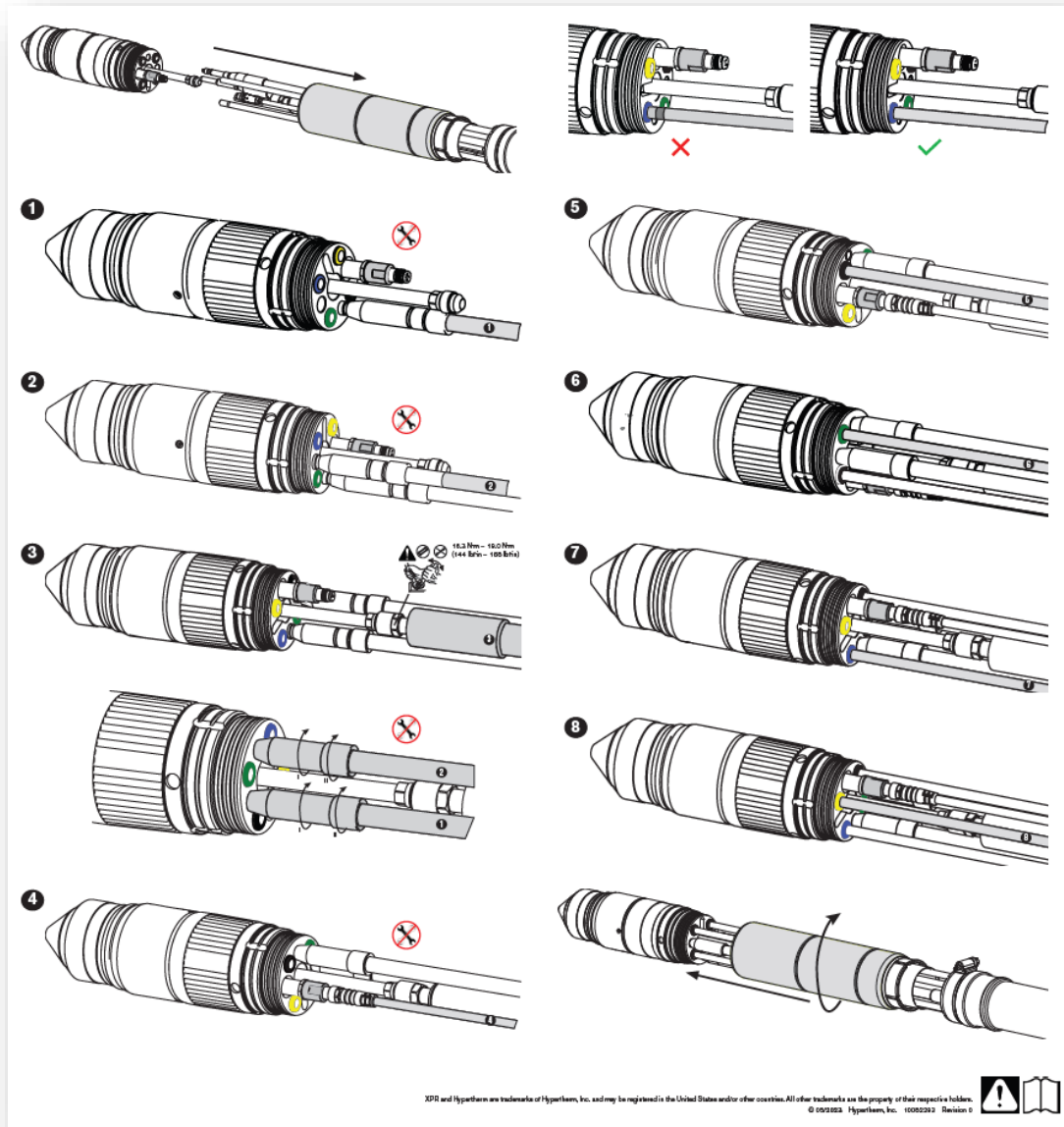


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The changes have been made to the XPR leads with the part numbers listed below:

Part Number	Description
428383	LEADS: XPR TCH LEAD 2M/6.6'
428384	LEADS: XPR TCH LEAD 2.5M/8.2'
428385	LEADS: XPR TCH LEAD 3M/9.8'
428386	LEADS: XPR TCH LEAD 3.5M/11.5'
428824	LEADS: XPR TCH LEAD 4M/13.1'
428387	LEADS: XPR TCH LEAD 4.5M/14.8'
428825	LEADS: XPR BVL-ROB TCH 2M/6.6' W/ .5M/20" STRAINRLF
428826	LEADS: XPR BVL-ROB TCH 2.5M/8.2' W/ .5M/20" STRAINRLF
428827	LEADS: XPR BVL-ROB TCH 3M/9.8' W/ .5M/20" STRAINRLF
428828	LEADS: XPR BVL-ROB TCH 3.5M/11.5' W/ .5M/20" STRAINRLF
428829	LEADS: XPR BVL-ROB TCH 4M/13.1' W/ .5M/20" STRAINRLF
428830	LEADS: XPR BVL-ROB TCH 4.5M/14.8' W/ .5M/20" STRAINRLF
428978	LEADS: XPR BVL-ROB TCH 6M/20' W .5M/20" STRAINRLF
428831	LEADS: XPR BVL-ROB TCH 2M/6.6' W/ 1.2M/48" STRAINRLF
428832	LEADS: XPR BVL-ROB TCH 2.5M/8.2' W/ 1.2M/48" STRAINRLF
428833	LEADS: XPR BVL-ROB TCH 3M/9.8' W/ 1.2M/48" STRAINRLF
428834	LEADS: XPR BVL-ROB TCH 3.5M/11.5' W/ 1.2M/48" STRAINRLF
428835	LEADS: XPR BVL-ROB TCH 4M/13.1' W/ 1.2M/48" STRAINRLF
428836	LEADS: XPR BVL-ROB TCH 4.5M/14.8' W/ 1.2M/48" STRAINRLF
428979	LEADS: XPR BVL-ROB TCH 6M/20' W 1.2M/48" STRAINRLF

A new FSB with part number 10082293 will be attached to each lead that ships with updated installation instructions.



For additional information, please contact your local Hypertherm Associates PAE or Technical Service representative.