

General Installation Procedure for Feed-Thru Devices

Part Numbers: B-070-73, B-070-74, B-070-75, B-070-76, B-070-77, B-070-78

1. Cable Preparation:

Strip cable as shown in Fig. 1 or Fig 2.

Fig. 1 - Window Strip

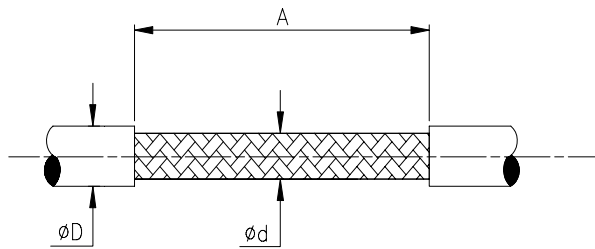
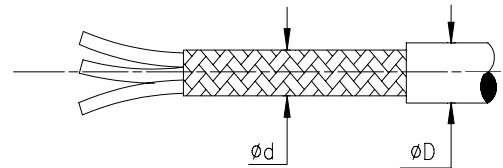


Fig. 2 - End Strip



Product Name	A Nom	ϕD MAX	ϕd min	Panel Hole for Feed -thru
B-070-73	30	6.6	2.5	$\phi 10.5$ H12
B-070-74	20	7.5	3.8	$\phi 10.5$ H12
B-070-75	30	12	5.5	$\phi 16.5$ H12
B-070-76	40	17	8	$\phi 21$ H12
B-070-77	50	26	13	$\phi 31$ H12
B-070-78	60	29	22	$\phi 36.5$ H12

2. Surface Preparation:

Clean the area around the panel hole using 100 grit EMERY and degrease using a suitable solvent.

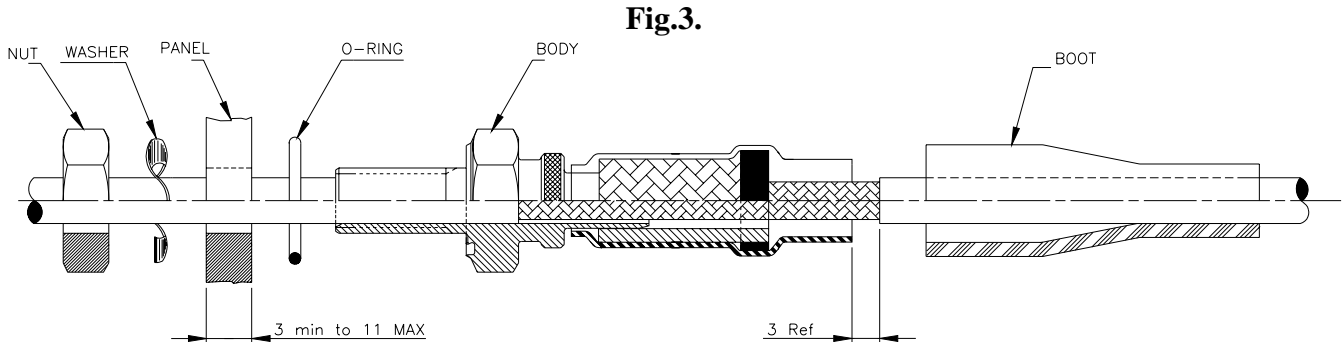
3. Heating Tool:

Product Name	B-070-73	B-070-74	B-070-75	B-070-76	B-070-77	B-070-78
Reflector	PR-25-D	PR-25-D	PR-34	PR-34	PR-24	PR-24
Heat Gun	CV-1981*	CV-1981*	CV-1981*	CV-1981*	CV-1983	CV-1983
Barrel Adaptor	None	None	None	None	AD-1962	AD-1962
Heat Gun	HL1910E*	HL1910E*	HL1910E*	HL1910E*	HL1910E	HL1910E
	Setting = 6 on dial ⁽¹⁾					
	HL2010E*	HL2010E*	HL2010E*	HL2010E*	HL2010E	HL2010E
700°F on LCD ⁽¹⁾						

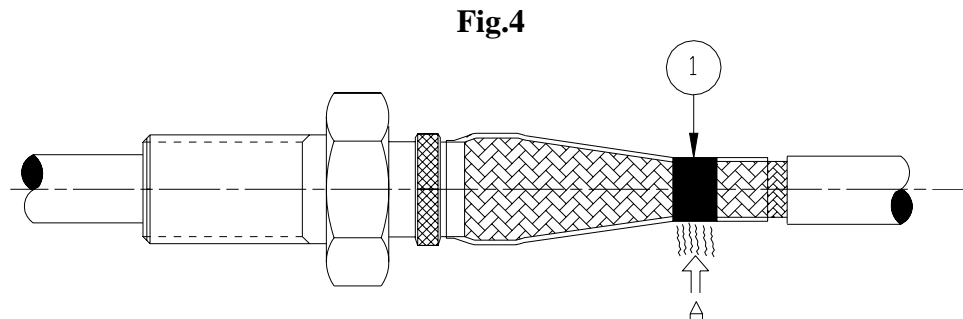
* HL1910E or HL2010E may be used with HL1802E-ADAPT adaptor.

4. Installation:

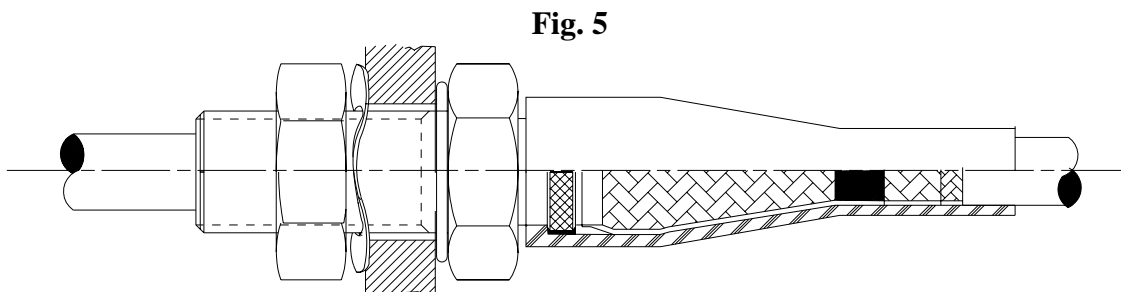
-Slide the heat-shrinkable boot over the cable followed by the body and the O-ring as shown in Fig. 3. Handle the O-ring carefully.



-Heat area A shown in Fig.4 until the solder ring 1 has completely melted and the SOLDERSHIELD* device has shrunk down onto the braid of the cable. Hold cable parallel to the axis of the metallic body during heating.



-Cool assembly for ten minutes, then apply S1125 adhesive to the knurled section of the Feed-thru and to the cable jacket immediately behind the SOLDERSHIELD* device. Position the heat shrinkable boot as in Fig. 5 and fully recover it.



5. The Recommended Tightening Torque:

Product Name	B-070-73	B-070-74	B-070-75	B-070-76	B-070-77	B-070-78
Recommended Torque	12±2m-N	12±2m-N	28±3m-N	50±10m-N	80±15m-N	110±20m-N

¹ These values are for reference only and may change based on other variables (i.e. reflector type, sleeve's relative distance to the reflector, etc.)

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