



End Cap Repair Kit Guide for Warmup

Floor Heating Systems

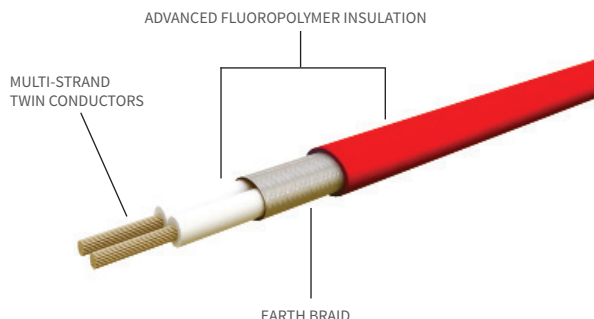
Warranty Disclaimer: This guide and the repair kit included have been provided by Warmup Inc. to aid in the repair of Warmup Mat & Loose Wire systems damaged on-site. Warmup cannot warranty the repair or guarantee the proper function of the heating system following a repair. Warmup recommends that all repair work be carried out by a qualified electrician and conform with current IEE Wiring Regulations. For any further assistance, please contact Warmup on 1-888-927-6333

CAUTION: Before commencing with the repair, ensure that the heating system has been completely disconnected from the power source.

Tools & Items Required for Repair

1. One End Cap Repair Kit
2. Crimping Tool
3. Heat gun
4. Stanley knife / Wire strippers
5. Side cutters
6. Multimeter

Heating Wire Construction



Product Resistance Check

Warmup DWM Mat Systems

Model DWM-120V	Resistance	Model DWM-240V	Resistance
DWM-120-140	102.9	DWM-240-350	164.6
DWM-120-210	68.6	DWM-240-560	102.9
DWM-120-280	51.4	DWM-240-700	82.3
DWM-120-350	41.1	DWM-240-1050	54.9
DWM-120-420	34.3	DWM-240-1260	45.7
DWM-120-560	25.7	DWM-240-1540	37.4
DWM-120-700	20.6	DWM-240-2100	27.4
DWM-120-840	17.1	DWM-240-2520	22.9
DWM-120-1050	13.7	DWM-240-3080	18.7
DWM-120-1260	11.4	DWM-240-3240	17.8
DWM-120-1540	9.4		
DWM-120-1620	8.9		

Warmup DCM-PRO System

Model DCM-C-120V	Resistance	Model DCM-C-240V	Resistance
DCM-C-120-65	221.5	DCM-C-240-195	296.0
DCM-C-120-130	110.8	DCM-C-240-325	177.2
DCM-C-120-195	73.8	DCM-C-240-390	147.7
DCM-C-120-260	55.4	DCM-C-240-525	109.7
DCM-C-120-325	44.3	DCM-C-240-655	87.9
DCM-C-120-390	99.4	DCM-C-240-785	73.4
DCM-C-120-525	27.4	DCM-C-240-920	62.6
DCM-C-120-655	22.0	DCM-C-240-1050	54.9
DCM-C-120-785	18.3	DCM-C-240-1180	48.8
DCM-C-120-920	15.6	DCM-C-240-1310	44.0
DCM-C-120-1050	13.7	DCM-C-240-1640	35.1
DCM-C-120-1180	12.2	DCM-C-240-1970	29.2
DCM-C-120-1315	11.0	DCM-C-240-2300	25.0
DCM-C-120-1445	10.0	DCM-C-240-2630	21.9
DCM-C-120-1575	9.1	DCM-C-240-2955	19.5
		DCM-C-240-3240	17.8

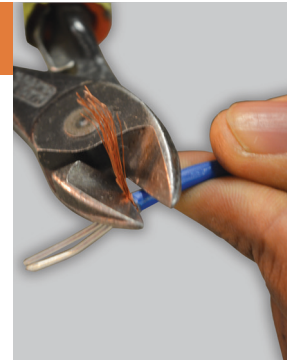
1

Using the Stanley knife or wire strippers to remove approximately 20mm of the outer sheath to expose the earth braid.



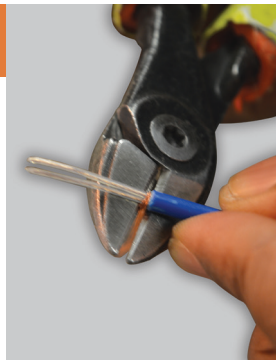
2

Unravel the earth braid.



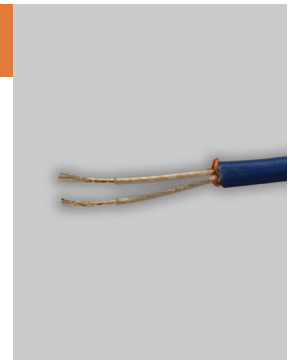
3

Cut back the earth braid so that you are left with the two cores of the heating element.



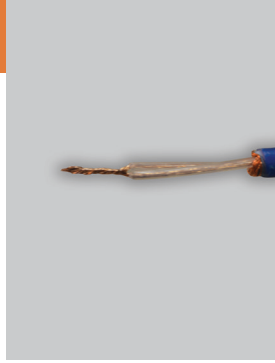
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Using the Stanley knife or wire strippers, strip back approximately 7mm of the insulation.



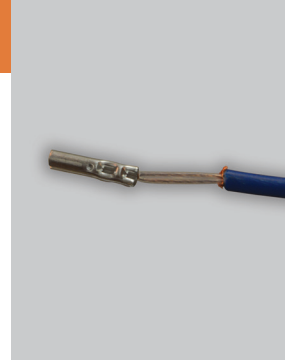
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Twist both of the cores of the heating element together.



6

Attach the butt crimp to the heating cores using a crimping tool. Test the resistance using the multi-meter.



7

Slide the small heat shrink over the butt crimp so any bare metal is covered.



8

Activate the shrink wrap using a heat gun.



9

Slide the large end cap over the small heat shrink.



10

Once again, activate the heat shrink using a heat gun. Repeat the resistance test on the heater.

