

# Switch energy storage cabinet heating wire is broken

Can a damaged wire cause electrical supply problems?

If a damaged wire is causing electrical supply issues to a device, component or appliance, use this guide to replace the damaged section of the wire. Many electronic devices use wires as a means of transferring electrical power to an appliance enabling it to work. However, wires can be worn down over time.

What happens if a wire is damaged?

However, wires can be worn down over time. A severed wire will cut off electrical supply to the wire itself. Exposed wires can cause injury due to electrical shock, fire or electricution. Before using this guide, confirm that the damaged wire is the problem. Begin by determining if the device/appliance is receiving any power at all.

How do you fix a hot wire?

You decide what length is most suitable for your fix. Using the wire strippers, strip roughly the first 1-2cm of wire insulation on each end. The result should look as illustrated in the third picture. Slide a piece heat shrink tubing onto both ends of the main wires. Using pliers, slightly fray the ends of each of the exposed wires.

How do you fix a broken wire?

Using pliers, trim away the damaged portion of the wire. You should be left with two neatly trimmed wire ends. Cut a new replacement section of wire. This section will be connected between the two wires in the previous step. The length of this new section varies for each repair. You decide what length is most suitable for your fix.

What happens if a wire is severed?

Many electronic devices use wires as a means of transferring electrical power to an appliance enabling it to work. However, wires can be worn down over time. A severed wire will cut off electrical supply to the wire itself. Exposed wires can cause injury due to electrical shock, fire or electricution.

Do you need a heat shrink tube for crimped wire?

Crimped wire connections that could be exposed to water inside an appliance require a heat shrink tube seal to protect the new connection from moisture. Always remember to put the heat shrink tubes on the wire before you crimp the wire ends together. Cover both ends of the connector with the heat shrink tube to create a good seal.



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