

How to relocate cables when moving a distribution box



Article Overview

Relocating cables in a distribution box requires de-energizing the circuit, installing accessible junction boxes if needed, and carefully extending or rerouting wires to the new location while following electrical codes.

Safety First

Before any work, turn off the circuit breaker supplying the distribution box and verify the wires are de-energized using a non-contact voltage tester. Confirm the tester works on a live circuit first to ensure accuracy (). Safety is critical to prevent electrical shock or fire hazards.

Assess Cable Length and Plan the Route

Check if the existing non-metallic (NM) sheathed cable is long enough to reach the new location without straining connections. If the cable is too short, you must install an accessible junction box at the original location to splice in a new cable that reaches the new box (). Plan the route to avoid studs, plumbing, or HVAC ducts, and ensure the new box location has sufficient wall cavity depth.

Installing Junction Boxes and Extending Wires

- Install a junction box at the original cable location if extension is needed. Ensure it remains permanently accessible as required by code ().
- Splice the old and new wires inside the junction box using approved wire connect...

Article Content

May 26, 2026

Moving An Electrical Panel: Things You Should Know

This blog post will discuss the criteria and requirements for moving an electrical panel box in

Sep 16, 2025

How to Install a Cable Distribution Box Safely and Correctly?

In modern electrical systems, cable distribution boxes (also known as electrical distribution boxes or distribution

Nov 03, 2025

Object to, move or remove Openreach equipment

Find out how to object to, move or remove Openreach equipment such as poles, cables or boxes, and what steps to take next.

May 10, 2026

How to Move an Electrical Outlet: A Step-by-Step Guide

In this article, we'll walk you through the steps of how to move an electrical outlet, from preparing the area to testing the new outlet.

Sep 20, 2025

Stupid question re: moving distribution board

I have got costs for my distributor and supplier to move my feed/meter positions and need the tails moving (obviously)

Aug 27, 2025

Moving an Electrical Box

Q. On a current kitchen remodel, my electrician placed one of the electrical boxes for the countertop outlets too low. I

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Moving and Upgrading My Electrical Service P. 1

The video shows how to move your overhead electrical service, wire the meter, outside

Dec 02, 2025

How To Move Electrical Box | Storables

Learn how to safely and efficiently move an electrical box with our helpful articles and

Nov 19, 2025

How hard is it to relocate a circuit breaker panel? On a scale ...

Moving a panel to another location is always a pain. The hard part is that the current wires are only long enough to go to the current

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Successfully Move Coax Cable to Another Room: A Comprehensive

Now that you've planned your move and gathered your tools, let's delve into the step-by-step process of relocating

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Sub-Panel: Moving Existing Circuits

I need to add a sub-panel in my basement to support the new circuits being created as I finish it. My existing panel is

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What You Should Know About Relocating Your Switchboard - Bright

Switchboard relocation means shifting the main point of electrical distribution in a building. It involves moving the

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Moving Fuse/circuit board

The distribution cables (stuff going to lights, sockets etc) can be extended. This may involve a box on the wall where

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Cable routing | Tips for proper cabling | Simply explained

Cable chains: Cable chains are flexible, often articulated structures that hold cables in a protected space. They are particularly useful

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Moving an Electrical Outlet Step-By-Step | DoItYourself

Moving an Electrical Outlet FAQ Can I move an outlet myself? While it is definitely a DIY task that should be

Dec 24, 2025

How to Move a Coaxial Outlet: A Comprehensive Guide

By following this comprehensive guide, you can successfully relocate your coaxial outlet, enhancing the functionality

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Stupid question re: moving distribution board

An alternative is to extend the existing cables to the new CU position, using a suitable enclosure with din rail

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How to Move an Electrical Box Safely and Legally

Relocate electrical boxes safely and legally. Expert guide covering required planning, code adherence, and wire

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Electrical Asset Relocation Method Statement | PDF | Road | Safety

This document outlines the scope, materials, equipment, personnel, procedures, safety requirements, and environmental

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How to Relocate Your Electrical Panel: Steps & Costs

Introduction: Why Relocate an Electrical Panel? Relocating an electrical panel is a

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Home Electrical Wiring | Relocating an Electrical Service Panel

Splicing Electrical Cables Splicing Electrical Circuits and Relocating a Panel Moving a Electric Service Panel For this project each

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Electrical Panel Relocation Tips and Costs

To move an electrical panel to the garage, you need to relocate it from its current spot and reroute the wiring. You must

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Relocating Main Panel

For the branch circuits, if the wires/cables can still properly enter the panel enclosure you can simply extend the wires

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Is it possible to move a consumer unit, how is it done?

4) What are the potential risks moving a consumer unit? You may need to contact your electricity supplier

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electrical

I have gotten multiple opinions on how to relocate them while using the existing Zinsco panel as a junction box and

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Home Electrical Wiring | Extending Circuits for a Panel Relocation

How to Move Electrical Circuit Wiring When Relocating an Electrical Panel Installing Junction Boxes and Gutters for Electrical Wire

Jul 27, 2025

Guide For Moving Electrical Panel Extending Wires

These are the only tips you will want to think about when moving electrical panel extending

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Step By Step:How To Move An Outlet Without Leaving

Moving an outlet without leaving a junction box may seem like a daunting task, but it can greatly improve

Jul 09, 2026

How to Relocate Your Electrical Panel: Steps & Costs

A detailed guide on electrical panel relocation: step-by-step process, cost factors, legal requirements, and pitfalls to

Feb 16, 2026

Relocating an MLO (sub panel), branch circuits, & feeder to a new ...

In this video you'll see how I relocated (17) branch circuits and a whole sub panel to

Jul 25, 2025

Moving a Consumer Unit and need to extend some cables

Same thing if you are using a joint box, according to regs the box must incorporate a cord grip, to stop the cables

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Is it possible to move a consumer unit, how is it done?

Where moving a consumer unit would leave cables buried in the walls, the cables must be relocated or a junction box installed on the

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Home Electrical Wiring | Extending Circuits for a Panel Relocation

Electrical junction box splices can be made safely when you understand the method. This example will show you how its done step

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Electrical Panel Relocation

Electrical Panel Relocation Whether or not you've considered relocating the electrical panel or breaker box for your home or office, it

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How to Move Your Router to Another Room

Learn how to move your router to another room with our step-by-step guide. Improve your Wi-Fi signal and enjoy better

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How to Move and Install an Electrical Wall Outlet

I needed to move an electrical outlet from one side of the wall stud to the other in a bedroom,

Contact Us

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