

The Ultimate Homeowner's Guide to BX Wiring Replacement

BX wiring, also known as armored cable, is a common type of electrical wiring found in older homes. It consists of two or more insulated conductors that are wrapped in a flexible metal sheath. BX wiring was once a popular choice for electrical installations because it was easy to install and relatively inexpensive. However, it has since been replaced by newer, safer types of wiring, such as Romex.



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by Jesse Kuhlman

★★★★☆ 4.2 out of 5

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BX wiring can become damaged and hazardous over time. The metal sheath can become corroded, and the insulation can deteriorate. This can lead to electrical shorts, fires, and other safety hazards. If you're thinking about replacing the BX wiring in your home, this guide will help you get started.

Step 1: Safety First

Before you start any electrical work, it's important to take safety precautions. Make sure to turn off the power to the circuit you're working on at the breaker panel. You should also wear gloves and safety glasses.

Step 2: Remove the Old BX Wiring

Once you've taken safety precautions, you can start removing the old BX wiring. Begin by cutting the BX cable at both ends of the circuit. Then, carefully pull the BX cable out of the wall or ceiling. Be careful not to damage the drywall or other surrounding materials.

Step 3: Install the New Wiring

Now it's time to install the new wiring. You'll need to use Romex cable, which is a type of non-metallic sheathed cable that is commonly used in modern electrical installations. Romex cable is available in a variety of gauges, so be sure to choose the correct gauge for your application.

To install the new wiring, simply run the Romex cable through the same holes that the old BX wiring was in. Then, connect the Romex cable to the electrical outlets and switches. Be sure to use wire nuts to secure the connections.

Step 4: Test the New Wiring

Once you've installed the new wiring, it's important to test it to make sure it's working properly. Turn on the power to the circuit at the breaker panel. Then, use a multimeter to test the voltage at each outlet and switch. The voltage should be 120 volts.

Step 5: Enjoy Your New Wiring

You've now successfully replaced the BX wiring in your home. You can now enjoy the peace of mind that comes with knowing that your electrical system is safe and up to code.

Replacing BX wiring can be a challenging task, but it's a necessary one if you want to ensure the safety of your home and family. By following the steps in this guide, you can safely and easily replace the BX wiring in your home.



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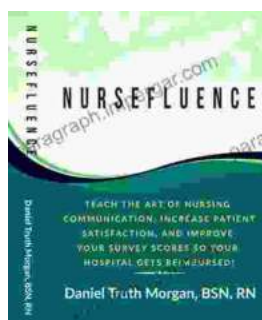
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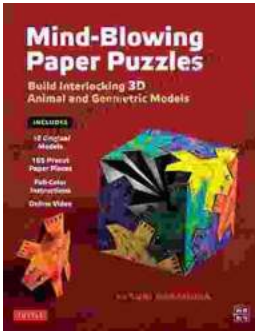
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