

How to remove the cover plate from the cable tray



Overview

Push the teeth below the cover in and simultaneously gently pull the cover up. Or just push cover to side and lift one side.

Key Takeaways

Cable tray cover plates can be safely removed by identifying the fastening method—screws, pressure plates, or buckles—and carefully undoing the fixings while observing safety precautions.

Identify the Fastening Method

Cable tray cover plates are typically secured using one of the following methods:

- **Screw Fastening:** The cover plate is attached with screws through pre-punched holes. This method is common for both horizontal and vertical installations .
- **Pressure Plate Fixing:** A pressure plate is pressed onto the cover and secured with screws, holding the cover and tray together .
- **Buckle or Clasp Fixing:** The cover is held by bent folds or clasps at the ends. This method is usually for horizontal installations and may have limited strength .



- Padlock or Seven-Shaped Buckle: Less common, used for added security or specialized trays .

Steps to Remove the Cover Plate

- Turn Off Power: Ensure all electrical circuits running through the tray are de-energized. Use a voltage tester to confirm safety .
- Wear Safety Gear: Gloves, safety glasses, and protective clothing are recommended, especially if working at height or with metal trays .
- Unscrew or Unfasten:
 - For screw-fastened or pressure plate covers, use the appropriate screwdriver or wrench to remove all screws.
 - For buckle or clasp covers, carefully lift or unbend the clasps at both ends to release the cover. Avoid forcing it to prevent bending or damage .
- Lift the Cover Plate: Once all fastenings are removed, gently lift the cover plate off the tray. For long trays, it may be easier to remove the cover in sections.
- Inspect and Store: Check the cover for damage and store it safely if it will be reused. Keep screws or fasteners together to avoid loss.

Additional Tips

- Document the Setup: Take photos before removal to ensure correct reinstallation .
- Work in Sections: For long cable trays, removing the cover in smaller sections reduces the risk of injury or dropping the cover.
- Check for Obstructions: Ensure no cables are caught under the cover before lifting.

Following these steps ensures a safe and efficient removal of cable tray cover plates, whether for maintenance, inspection, or replacement purposes .

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