

DM-24" Case Protector Installation Instructions

PRECAUTIONS

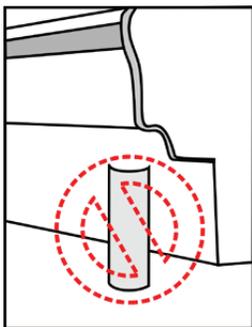
Read this installation guide in its entirety before installing case protectors. If there are any questions, call Alvarado at 909-591-8431 or 800-423-4143, Monday through Friday, 6:00 AM to 4:30PM PST..

WARNING

Installers and Store Personnel: Customers can trip on case protectors and floor bumpers if installed improperly. Because of the many different types of cases and store layouts, it is not possible to provide hard and fast installation rules. It is the responsibility of the installer and store personnel to determine the correct use of case protection equipment.

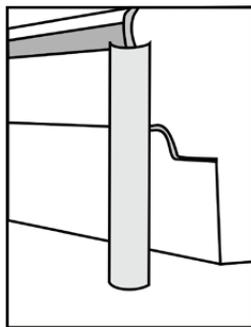
Below are general use and installation guidelines.

Don't...



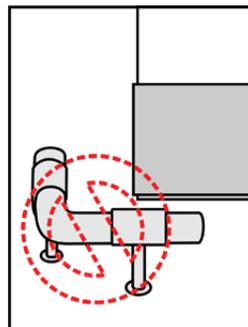
Do not use short case protectors or floor bumpers to protect cases or fixtures with recessed bases.

Do...



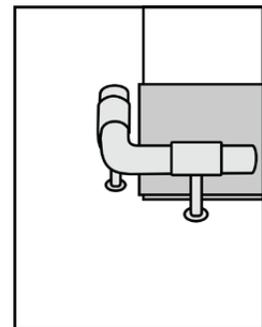
Use tall case protectors or posts, 24" or higher, to protect cases or fixtures with recessed bases.

Don't...



Do not install the case protectors or floor bumpers away from the case or fixture.

Do...



Install the case protectors or floor bumpers as close as possible to the fixture being protected.

Materials Enclosed:

- DM-24 Case Protector
- Wedge Anchor Package

Tools Required:

- Hammer Drill
- 1/2" Concrete Drill Bits
- Ratchet with a 5/8" Socket
- Torque Wrench
- Shop Vac

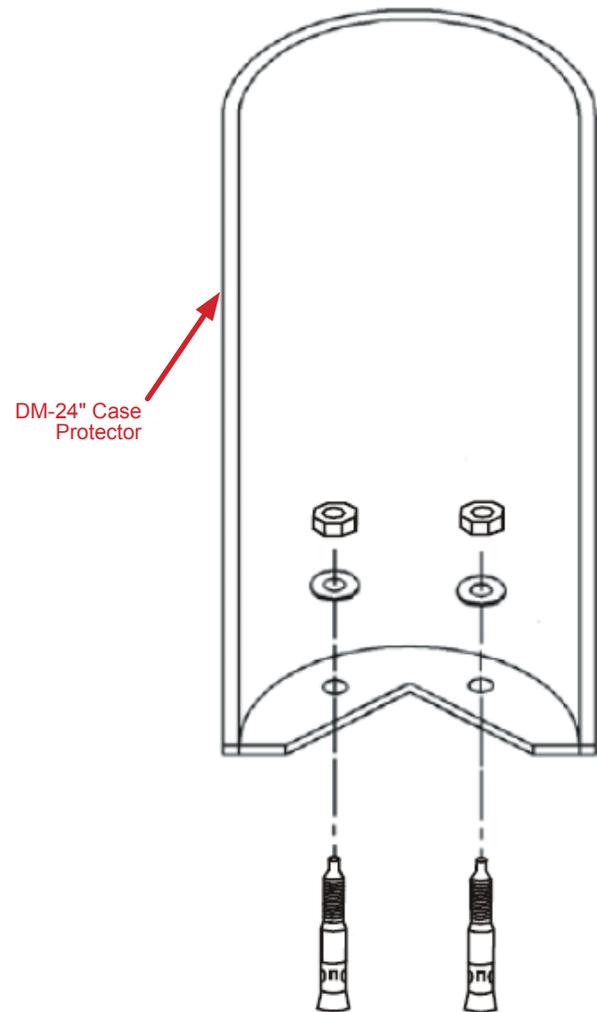


Installation Instructions

NOTE

The following installation steps assume that no modifications have been made to the product and is ready for installation on level concrete.

1. Place the DM-24" Case Protector in the desired location and mark the positions of the anchoring holes. Remove the case protector.
2. Using the 1/2" drill bit, drill a minimum 3" deep hole at the center of each marked location. **Vacuum ALL dust and debris from the holes. If this is not done correctly, the anchors will not seat properly.**
3. Insert a Wedge Anchor, thread side up, into each hole. Make sure that the anchor thread remains visible.
4. Reposition the case protector over the anchor holes and secure it in place with the flat washers and nuts provided. Tighten the nuts to 20-ft/lbs. torque using a 5/8" socket.



Maintenance:

- Clean case protectors with the correct type of cleaner for its finish:
- **Powder Coat::** Use a soft damp cloth. Any deep scratches or chips should be touched up to prevent rust.

NOTE

If rust is untreated, it will spread under the surface.

Replace any bent or broken pieces IMMEDIATELY.

Tighten any loose anchor nuts.

Warranty:

Alvarado Manufacturing Company warrants the equipment being sold against defects in material and workmanship, for a period of one (1) year from the date of purchase providing recommended installation and maintenance procedures are followed. This warranty is void if damage was due to improper installation, maintenance or use. The manufacturer is not responsible for any shipping or labor charges incurred in the removal or replacement of defective parts.