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Solus SB-2403-BK

Solus SB-2403-BK Die Cast Aluminum Stand Instruction Manual

Model: SB-2403-BK

[Setup & Installation](#) [Usage Guidelines](#) [Maintenance](#) [Specifications](#) [Warranty & Support](#)

INTRODUCTION

This manual provides detailed instructions for the proper installation, usage, and maintenance of your Solus SB-2403-BK Die Cast Aluminum Stand. Please read these instructions carefully before beginning installation to ensure safe and correct assembly.

The Solus SB-2403-BK is a durable die-cast aluminum flange base designed to securely anchor standard 3-inch light posts into the ground. It features a powder-coated finish for enhanced durability and rust resistance.

PACKAGE CONTENTS

Verify that all components are present before proceeding with installation.

- 1 x Solus SB-2403-BK Die Cast Aluminum Stand
- 4 x Anchor Bolts (3/8" x 12") with washers and hexagonal nuts
- 1 x Anchor Bolt Template
- 1 x Allen Wrench



Hardware Included



Figure 1: Included hardware components for the Solus SB-2403-BK stand. This includes four anchor bolts, the round flange base, and an Allen wrench for assembly.

SETUP & INSTALLATION

This stand is designed for outdoor use only and is suitable for surface mounting light posts up to 8 feet in height with a 3-inch diameter.

1. Site Preparation

- Choose a suitable outdoor location for your light post.
- Ensure the ground is level and stable.
- Before digging, contact local utility services (e.g., "Call Before You Dig" services) to identify and avoid underground utilities.

2. Anchor Bolt Template Usage

Use the provided anchor bolt template to mark the precise locations for drilling holes for the anchor bolts. It is crucial to verify measurements on the template against the actual base before use, as printing processes may cause slight

variations.

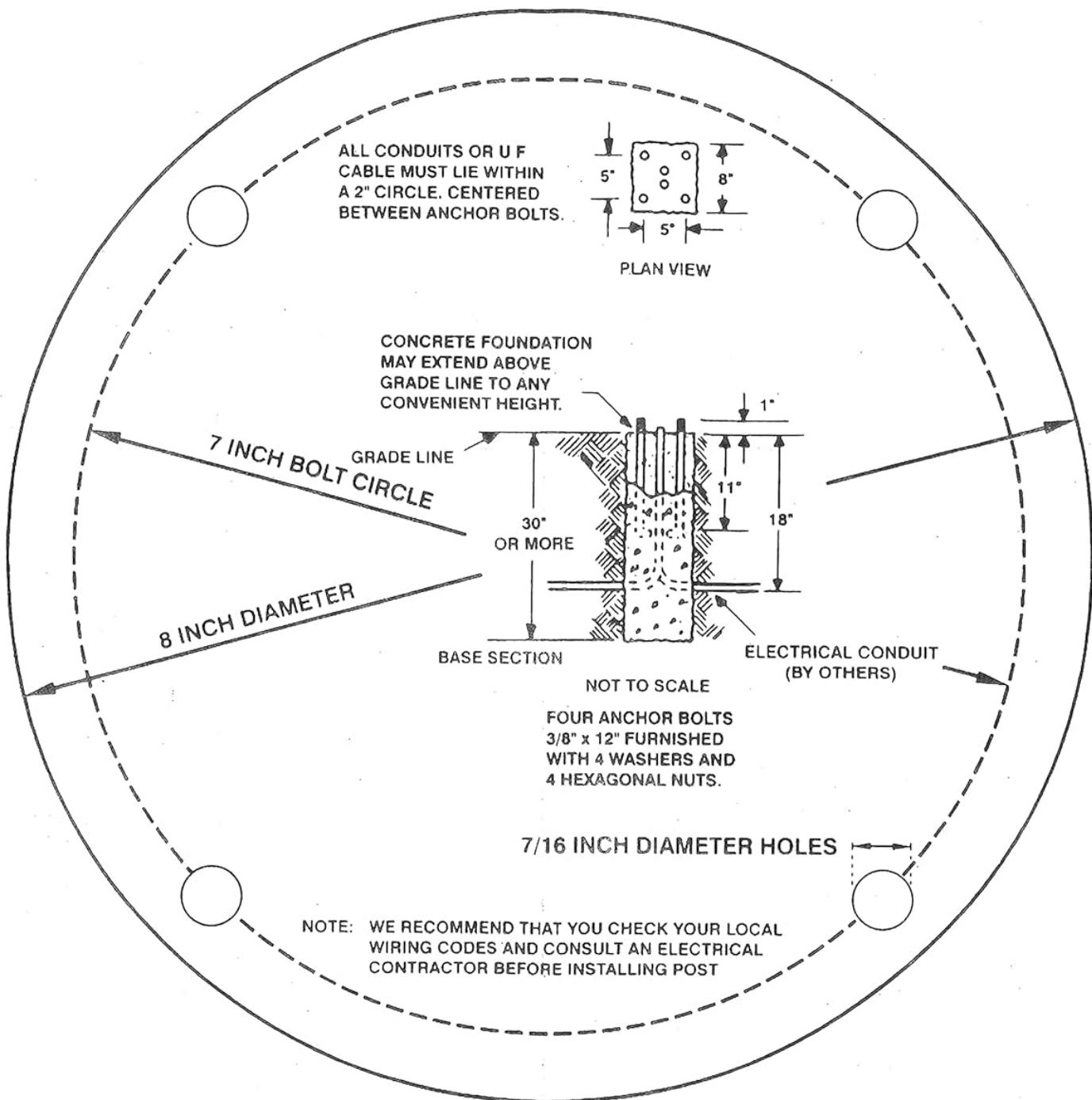
ANCHOR BOLT TEMPLATE

FOR

CAT. NO. 2403 FLANGE BASE

WITH 3/8" X 12" ANCHOR BOLTS

ALLEN WRENCH FOR SET SCREWS NOT INCLUDED

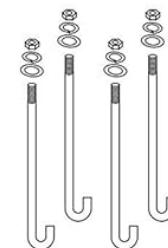


IMPORTANT: DUE TO VARIATIONS IN PRINTING PROCESSES YOU MUST VERIFY THAT MEASUREMENTS ON SHEET ARE ACCURATE BEFORE USING.

Figure 2: Anchor Bolt Template. This diagram illustrates the bolt pattern, recommended concrete foundation dimensions, and electrical conduit placement. Note that the drawing is not to scale.

ANCHOR BOLT INSTRUCTIONS

FOR
CAT. NO. 2403 FLANGE BASE



INCLUDED



1 x base
1 x anchor bolt template

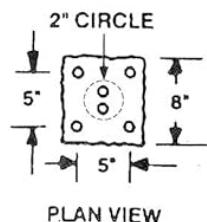
1 x 3/16" hex
allen wrench



Know what's below.
Call 811 before you dig.

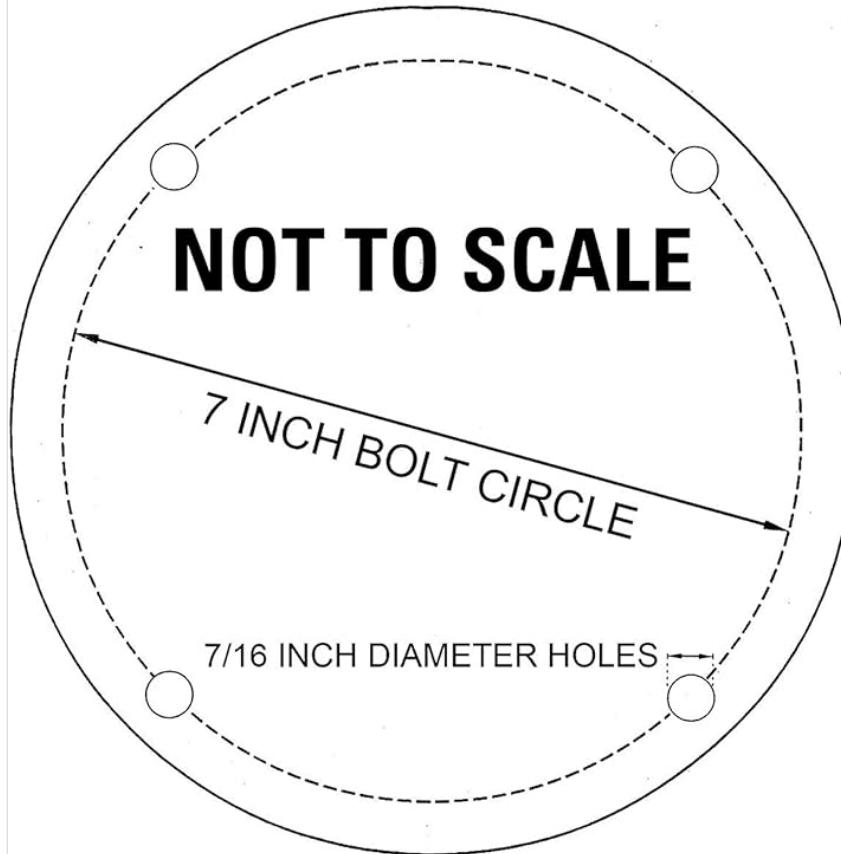
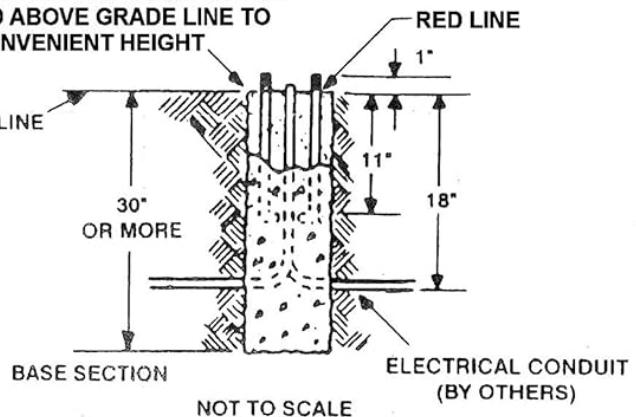
4 x nuts, lock washers,
flat washers, and j bolts

ALL CONDUITS OR UF
CABLE MUST LIE WITHIN
A 2" CIRCLE CENTERED
BETWEEN ANCHOR BOLTS.



NOTE: WE RECOMMEND THAT YOU CHECK YOUR LOCAL
WIRING CODES AND CONSULT AN ELECTRICAL
CONTRACTOR BEFORE INSTALLING POST

REINFORCED CONCRETE SHOULD
EXTEND ABOVE GRADE LINE TO
ANY CONVENIENT HEIGHT



IMPORTANT:
USE STEEL ANCHOR BOLT
TEMPLATE INCLUDED.
THE DRAWING ON THIS
SHEET IS NOT TO SCALE
AND IS FOR REFERENCE
ONLY. IN THE EVENT
THAT THE ANCHOR BOLT
TEMPLATE IS LOST, BOLT
PLACEMENT MUST BE
MEASURED AT 7 INCH
BOLT CIRCLE AS SHOWN.

I2403BOLT

Figure 3: Anchor Bolt Instructions. This provides a visual guide for the components and the recommended concrete foundation structure for secure installation.

- The template indicates a 7-inch bolt circle diameter and 7/16 inch diameter holes for the anchor bolts.
- The concrete foundation should extend above grade line to any convenient height, with a minimum depth of 30 inches or more.
- Ensure any electrical conduits or UF cables lie within a 2-inch circle centered between anchor bolts.

- Consult local wiring codes and an electrical contractor before installing the post if electrical connections are involved.

3. Securing the Base

- Once the anchor bolts are set in concrete according to the template, position the Solus SB-2403-BK base over the bolts.
- Secure the base using the provided washers and hexagonal nuts on the anchor bolts. Tighten firmly to ensure stability.



Figure 4: Installation example. A light post is being inserted into the securely mounted Solus SB-2403-BK flange base. The base is designed to accommodate a 3-inch diameter post. Use the included Allen wrench to tighten any set screws on the base that secure the post.

USAGE GUIDELINES

- This product is intended for outdoor use only.

- Ensure the light post is properly seated and secured within the base to prevent wobbling or accidental dislodgement.
- Regularly inspect the base and anchor bolts for any signs of loosening or damage, especially after severe weather conditions.

MAINTENANCE

The Solus SB-2403-BK stand is constructed from durable powder-coated aluminum, which is designed to resist rust and corrosion, minimizing maintenance requirements.

- **Cleaning:** Periodically clean the stand with a soft cloth and mild soap and water solution to remove dirt and debris. Avoid abrasive cleaners or harsh chemicals that could damage the powder-coated finish.
- **Inspection:** Annually inspect the anchor bolts and the base for any signs of wear, corrosion, or loosening. Tighten any loose fasteners as needed.

TROUBLESHOOTING

As a static mounting component, the Solus SB-2403-BK stand has limited troubleshooting scenarios. Most issues relate to initial installation.

Problem	Possible Cause	Solution
Post is wobbly or unstable.	Anchor bolts not sufficiently tightened, or concrete foundation is compromised.	Ensure anchor bolts are securely tightened. If the foundation is compromised, professional repair or re-installation may be required.
Base does not fit the post.	Incorrect post diameter.	Verify that the post diameter is 3 inches. This base is designed specifically for 3-inch posts.
Rust or corrosion on the base.	Damage to the powder-coated finish, or exposure to unusually harsh corrosive agents.	Clean the affected area and apply a suitable outdoor-grade protective coating if the finish is compromised. The powder-coated aluminum is designed to be rust-resistant under normal conditions.

SPECIFICATIONS

Feature	Detail
Model Number	SB-2403-BK
Material	Die Cast Aluminum
Finish Type	Powder Coated
Color	Black
Shape	Round Flange Base
Mounting Type	Surface Mount
Compatible Post Diameter	3 inches

Feature	Detail
Maximum Post Height	Up to 8 feet
Base Diameter	8 inches
Height	5 inches
Bolt Mounting Pattern	7-inch bolt circle diameter
Included Components	Anchor Bolts, Template, Allen Wrench
Specific Use	Outdoor use only

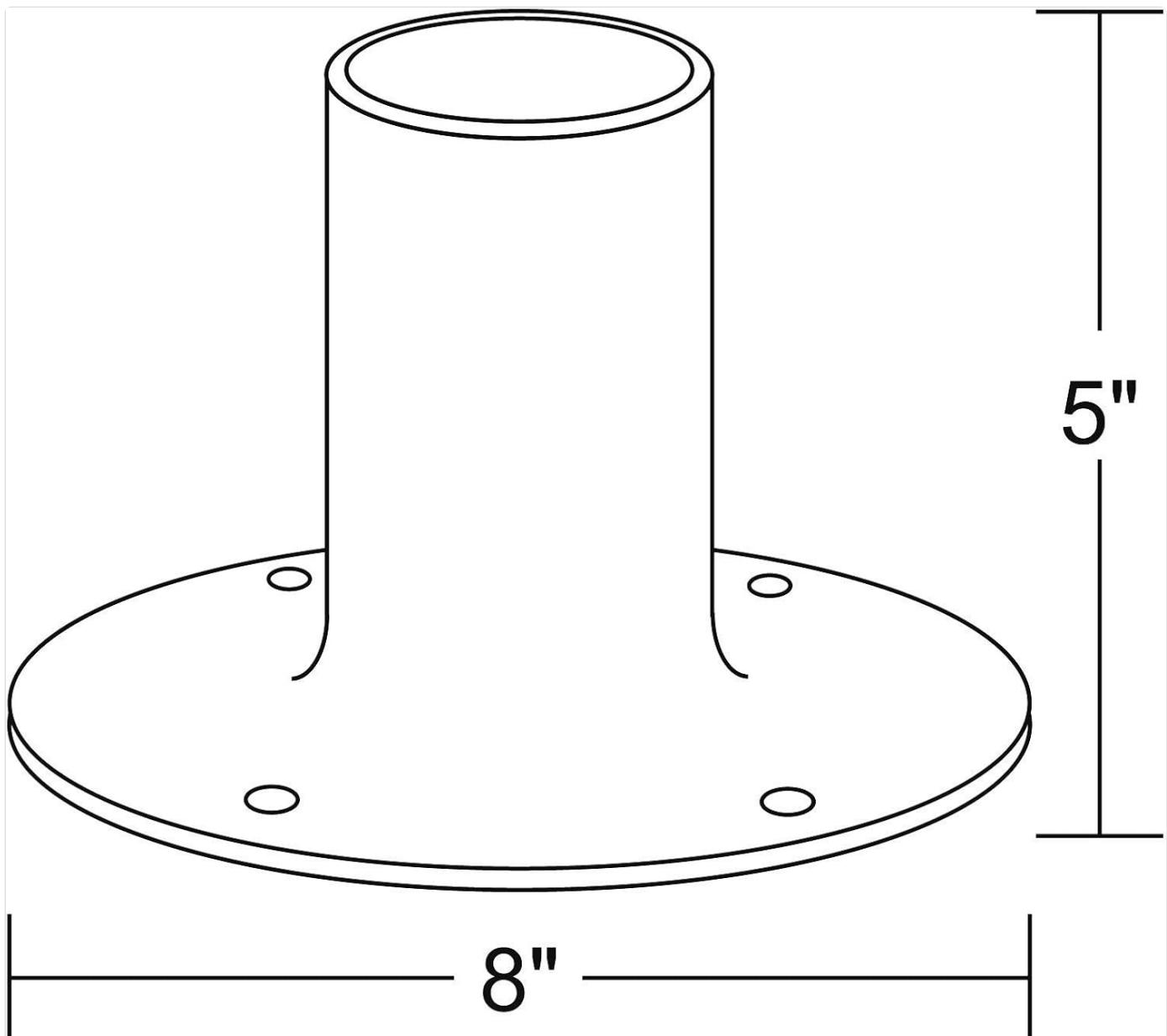
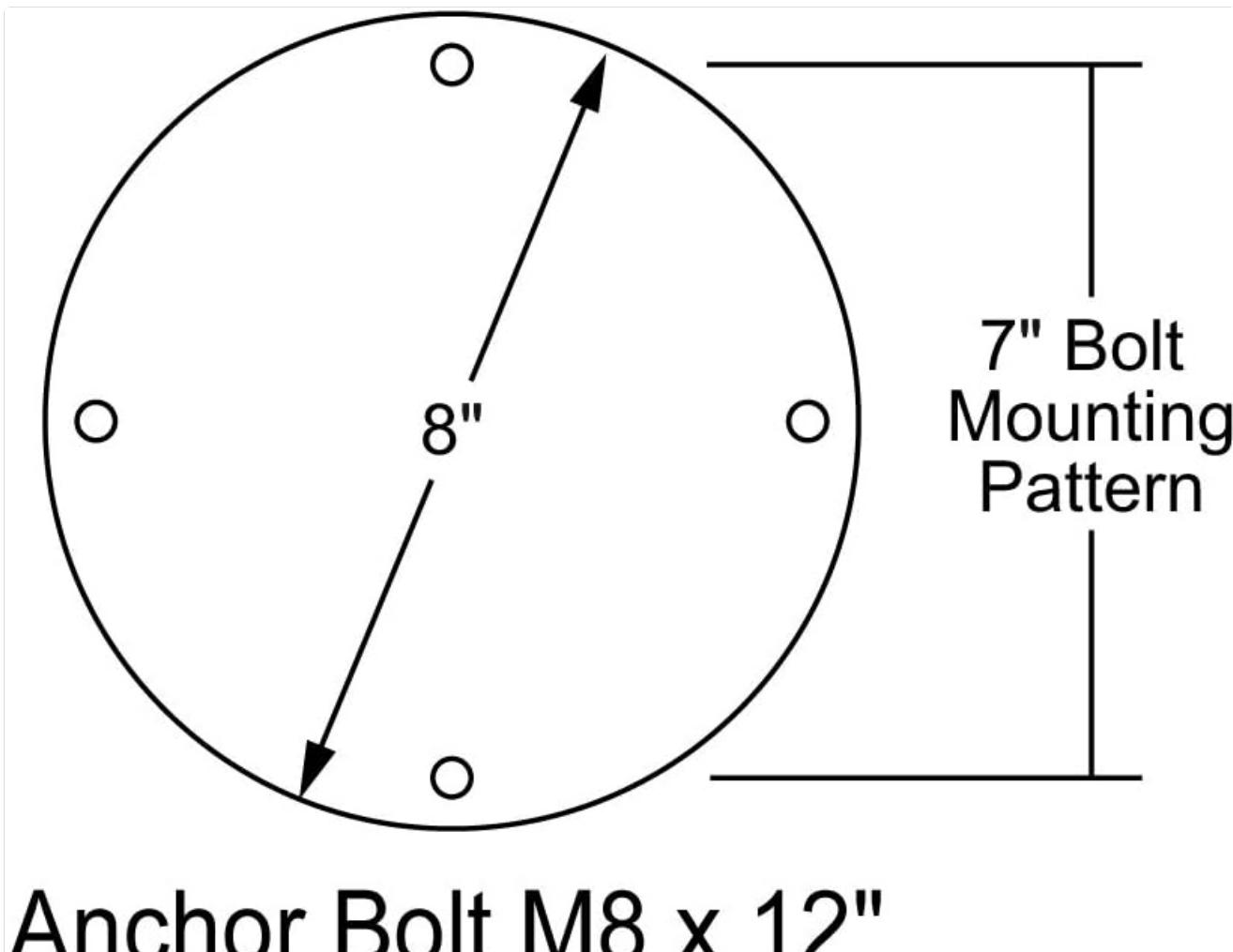


Figure 5: Product Dimensions. This diagram shows the overall height of 5 inches and a base diameter of 8 inches.



Anchor Bolt M8 x 12"

Figure 6: Bolt Mounting Pattern. This view highlights the 8-inch overall diameter and the 7-inch bolt mounting pattern for anchor bolts.

WARRANTY & SUPPORT

Warranty Information

The Solus SB-2403-BK Die Cast Aluminum Stand comes with a **1-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.



Figure 7: Solus 1-Year Guarantee. This emblem signifies the product's warranty period.

Customer Support

For technical assistance, warranty claims, or any questions regarding your Solus product, please contact Solus customer support through their official website or the retailer where the product was purchased.

Always refer to the model number (SB-2403-BK) when contacting support.

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