

D&D TECHNOLOGIES MLSPS2S

D&D Technologies MagnaLatch MLSPS2S Side Pull Magnetic Gate Latch Instruction Manual

Model: MLSPS2S

[Introduction](#)[Safety Information](#)[Package Contents](#)[Installation](#)[Operation](#)[Maintenance](#)[Troubleshooting](#)[Specifications](#)[Warranty](#)[Customer Support](#)

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your D&D Technologies MagnaLatch MLSPS2S Side Pull Magnetic Gate Latch. This latch is designed for square gate frames and posts, suitable for metal, wood, and vinyl fence gates. It provides a secure, self-latching mechanism. Please read these instructions thoroughly before installation and use.

SAFETY INFORMATION

- This latch is designed for general purpose gate security and is not a child safety gate latch unless installed according to specific pool safety regulations.
- Ensure all fasteners are securely tightened during installation to prevent accidental disengagement.
- Regularly inspect the latch for wear or damage. Replace any worn or damaged components immediately.
- Keep hands clear of the latch mechanism during gate closure to avoid pinching.

PACKAGE CONTENTS

The D&D Technologies MagnaLatch MLSPS2S package includes:

- MagnaLatch Side Pull Latch Assembly (Receiver and Striker)
- Fasteners (screws)
- Installation Instructions (this manual)

**Product - includes all mounting hardware.
Easy installation: no special tools required**



Image: The MagnaLatch MLSPS2S components, including the receiver and striker, ready for installation. All mounting hardware is included.

INSTALLATION

The MagnaLatch MLSPS2S is designed for easy installation on square gate frames and posts. No special tools are required beyond basic measuring and drilling equipment.

Step 1: Determine Latch Position

Position the latch components on the gate and post to ensure proper alignment. The ideal gate gap is 3/8 inch (10 mm), but the latch accommodates gaps from 5/16 inch to 11/16 inch (7-17 mm). Use a level to mark the desired height for the latch.

For General Purpose Flat Surfaces



Image: The MagnaLatch MLSPS2S installed on a gate, demonstrating its general purpose use on flat surfaces.

Step 2: Mount the Striker

Secure the striker (the part with the magnetic plunger) to the gate frame using the provided fasteners. Ensure it is level and aligned with the intended position of the receiver on the post.

Your browser does not support the video tag.

Video: This video demonstrates the installation process for the D&D Technologies MagnaLatch Side Pull. It shows how to mark the position, attach the components, and ensure proper alignment for secure operation.

Step 3: Mount the Receiver

With the gate closed, align the receiver (the part that accepts the plunger) with the striker on the gate post. Mark the screw holes and attach the receiver using the remaining fasteners.

Step 4: Adjust for Gap and Alignment

The latch features vertical and horizontal adjustments to compensate for gate sag or ground movement. Use these adjustments to fine-tune the alignment of the striker and receiver to achieve the optimal 3/8 inch (10 mm) gap and ensure smooth, secure latching.



MAGNALatch® SIDE PULL

The original, versatile magnetic latch

- Small & unobtrusive - easy to install
- Vertical & horizontal adjustment
- New, snap-fit dress caps - no visible fasteners
- Will not rust or corrode

CODE	MODEL - FEATURE	IDEAL GAP	GAP VARIANCE
MLSPS2	Side Pull	3/8" (10mm)	5/16" - 11/16" (7-17mm)



Image: The MagnaLatch MLSPS2S showing its compact design and key features, including vertical and horizontal adjustment, and suitability for various gate materials. It also highlights the ideal gap and gap variance.

Step 5: Install Dress Caps

Once the latch is securely installed and adjusted, snap the dress caps into place to conceal all visible fasteners for a clean appearance. Ensure the cap number matches the slot number for correct fit.

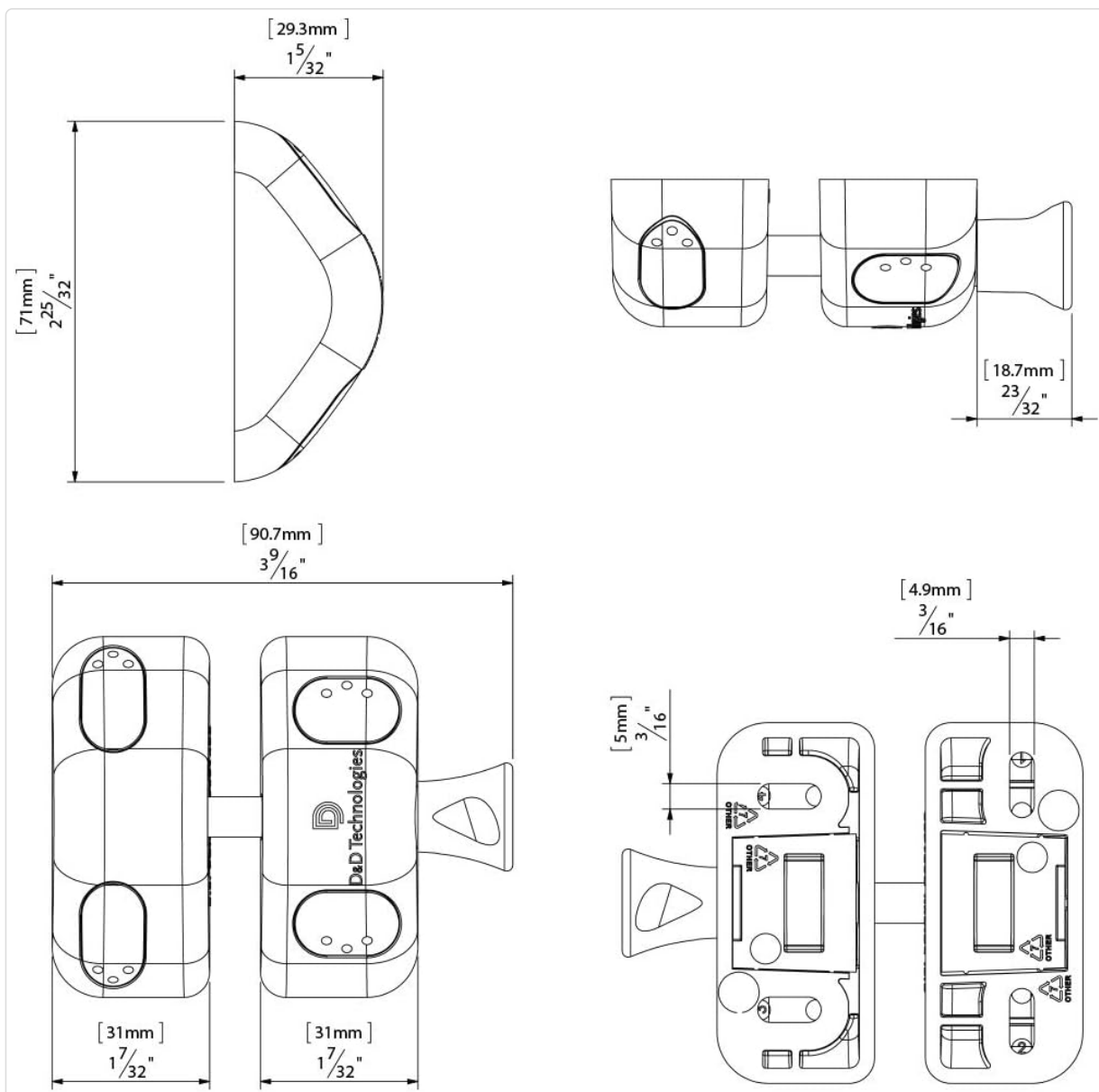


Image: Detailed dimensional drawing of the MagnaLatch MLSPS2S, providing measurements for installation and planning.

OPERATING INSTRUCTIONS

To open the gate, simply pull the side pull knob on the latch. The magnetic mechanism will release, allowing the gate to open.

To close the gate, push the gate shut. The magnetic latch will automatically engage, securing the gate. The latch does not lock with a key.

Your browser does not support the video tag.

Video: A short demonstration of the MagnaLatch Side Pull in action, showing how to open and close a gate equipped with the latch. Note: This is a short preview video.

MAINTENANCE

The MagnaLatch MLSPS2S is constructed from industrial-strength polymer and stainless steel components, designed to be maintenance-free and rust-resistant.

- Periodically clean the latch with a damp cloth to remove dirt and debris.
- Inspect the latch and fasteners annually for any signs of wear, damage, or loosening. Tighten

fasteners as needed.

- No lubrication is typically required due to the self-lubricating polymer construction.



STRONG AS STEEL

**METAL REPLACEMENT
POLYMER**
SELF-LUBRICATING
WILL NEVER RUST OR CORRODE
WILL NOT CHIP OR FADE
MAINTENANCE FREE

D LIMITED LIFETIME WARRANTY

Image: Graphic highlighting the "Metal Replacement Polymer" construction of the MagnaLatch, emphasizing its self-lubricating, rust-proof, and maintenance-free properties.

TROUBLESHOOTING

Latch not engaging properly:

- **Check the gate gap:** Ensure the gap is within the recommended 5/16 inch to 11/16 inch (7-17 mm) range, with an optimal gap of 3/8 inch (10 mm).
- **Adjust alignment:** Use the vertical and horizontal adjustment features to fine-tune the alignment of

the striker and receiver.

- **Obstructions:** Clear any debris or obstructions that might prevent the gate from closing fully or the latch from engaging.

Latch is stiff or difficult to operate:

- **Clean the mechanism:** Remove any accumulated dirt or grime from the plunger and receiver areas.
- **Check for damage:** Inspect for any physical damage or deformation of the latch components.

SPECIFICATIONS

Feature	Detail
Model Number	MLSPS2S
Brand	D&D Technologies
Latch Type	Magnetic Side Pull
Lock Type	Non-Lockable
Material	Industrial Strength Polymer, Stainless Steel
Color	Black
Gate Gap Range	5/16 in to 11/16 in (7-17 mm)
Optimal Gate Gap	3/8 in (10 mm)
Adjustments	Vertical and Horizontal
Weight	5.9 ounces
UPC	736494012624

WARRANTY

D&D Technologies offers a Limited Lifetime Warranty on the MagnaLatch MLSPS2S. This warranty covers defects in materials and workmanship under normal use. For full warranty details and claims, please refer to the official D&D Technologies website or contact customer support.



Copyright © D&D Technologies

Image: The MagnaLatch MLSPS2S product with a "Limited Lifetime Warranty" badge, indicating the product's durability and manufacturer support.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official D&D Technologies website or contact their customer service department.

- [D&D Technologies Official Website](#)
- Refer to the product packaging for specific contact information.

D&D Technologies is committed to providing reliable gate hardware solutions.