



INDUSTRIAL SWING DOOR

Installation Instructions/Operation and Maintenance Manual



Models:

- SWGS 1516
- SWGS 2016
- SWGS 3016
- SWGS 4016

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Contact Information

Mail	Local Phone	Website	Hours of Operation
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	Toll Free Phone	Email	
	877.446.1519	4psinfo@psindustries.com	

IMPORTANT! Read entire Instruction and Operations Manual to become familiar with the product.

NOTICE This product is a commercial product. The effectiveness of the product is directly related to the proper installation and operation of this product. Failure to properly maintain this product **will** affect performance.

Publication Notice

This manual has been compiled and published covering the latest product descriptions and specifications.

The contents of this manual and the specifications of this product are subject to change without notice.

PS Access Solutions reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical and other errors relating to the publication.

PS Access Solutions and/or its respective suppliers may make improvements and/or changes in the product(s)/ service(s) offered and/or the program(s) at any time without notice.

Retain this manual for future reference.
If you would like to download a copy of this manual, please go to
psaccesssolutions.com



Safety Precautions

The following icons are used throughout this Manual.

▲ DANGER Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

▲ WARNING Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

▲ CAUTION Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderated injury.

NOTICE Indicates manufacturer's statement of additional information.

IMPORTANT! Indicates a required action.

CRITICAL Indicates a vital component to product performance.

Swing Door Product Information

NOTICE Unauthorized modification of or to the Product voids this Limited Warranty. Authorized modifications, received in writing from PS INDUSTRIES INCORPORATED, as long as the modification is accomplished in strict accordance with PS INDUSTRIES INCORPORATED's instructions, does not void warranty. To request product modifications contact PS INDUSTRIES INCORPORATED, 1150 S. 48th Street, Grand Forks, ND 58201, phone 877-446-1519, email: 4psinfo@psindustries.com

I. General Information

- A. This manual contains information regarding installation, operation, and maintenance of the PS Access Solutions' Industrial Swing Doors.

II. Operation Guidelines

- A. The following procedures and information are supplied for the operation of the Industrial Swing Door.
- B. Operation in a manner other than intended could result in damage or less than acceptable performance at time of need, for which the manufacturer will not be held responsible.

▲ WARNING The Industrial Swing Door components MAY BE heavy, consult Approved for Construction and included documents for weights and use appropriate lifting procedures and equipment.

III. Operation Safety Precautions

- A. Ensure opening is clear of all obstruction through then entire travel of the door during operation of door panels.
- B. Use the handles when contacting the door, staying clear of pinch points.
- C. Do not force panels or components if they do not operate freely.
- D. When removing Industrial Swing Door components, protect all finishes, weatherseals, and hardware. Always consult original Approved for Construction drawings for all installation dimensions, details, hardware, and specifications.

IV. Storage Prior to Installation of Product

- A. Store materials in a dry, ventilated location. If outdoor storage is required, block materials and tarp in a tent-like arrangement, elevated above the product with open sides to allow airflow.

V. Installation Site Preparation

NOTICE Before starting site preparation and installation of the Industrial Swing Door, read the entire Operation and Maintenance Manual and review all installation instructions thoroughly.

- A. Clear work area of any debris.
- B. Obtained all required permits.
- C. Determine the appropriate number of personnel required to perform installation and have them readily available at the project site.

Swing Door Product Information

D. Ensure you have the necessary tools available.

1. One (1) Electric Drill
2. One (1) Welding Equipment
3. One (1) Hammer
4. One (1) Wrench Set
5. One (1) Ratchet and Socket Set
6. Two (2) Screwdrivers: Phillips/Flat Head
7. One (1) Level
8. One (1) Tape Measure
9. One (1) Caulk Gun
10. Caulking

VI. Installation Safety Precautions

- A. Comply with all OSHA Safety Regulations and/or company safety policies when installing.
- B. Install only on surfaces capable of supporting all loading.

▲ DANGER Ensure mounting surface is capable of supporting all loading. Structural analysis of mounting surface is the responsibility of the owner.

VII. Installation Preparation

NOTICE Only use Approved for Construction Drawings.

- A. Conduct installation of the Swing Door in accordance with Approved for Construction Drawings.
- B. General Installation Guidelines:
 1. Ensure a structural review (by an appropriate authority) of the adjacent structure's capacity to accept all loads transferred to structure has been completed and approved.
 2. Verify all dimensions and interferences in accordance with installation drawings and product dimensions prior to beginning installation. Inspect existing opening jamb conditions and structural capacity of structure.
 3. Install all components plumb, flat/level, and square as indicated on Approved for Construction Drawings.
*Permissible tolerance is $\pm 1/16$ " per 10 foot length.
 4. Inventory provided material and obtain non-provided materials as required and have them ready and available for use during installation.
 5. Install in accordance with manufacturer's installation instructions, Approved for Construction Drawings, shipping, handling and storage instructions, product carton instructions, fastener anchors and hardware instructions for installation.
- C. Opening Preparation:
 1. Remove existing door and door jambs (as required).
 2. Repair any damaged areas of the existing opening with appropriate materials using best practice construction methods suitable to accept new swing door, materials, and anchors.
 3. Clean and prepare surface thoroughly prior to beginning installation.

VIII. Installation Preparation

- A. Under normal conditions, operates as a normal Industrial swing door.
 1. Door Closer (if provided): Although no physical interaction with the door closer is required to operate the door, it is important to be aware that the door closer will attempt to close the door once the latch mechanism has been released.
 2. Latching Mechanism: Typically, no physical interaction with the latching mechanism is necessary, as long as it is properly adjusted (see latching installation and adjustment documentation). Depending upon the environmental conditions present (refer to the Inspection and Maintenance Section), the door may not completely latch and may require a person to physically push/pull the door to engage the latch.

Sliding Door Installation

IX. Installation of Swing Door

IMPORTANT! Follow Anchor Manufacturer's technical data manual/installation instructions for installation requirements and proper installation procedures.

STEP 1. Carefully place Swing Door assembly into opening.

- a. Position centered inside opening, and flush with the exterior side of the wall.

STEP 2. With a level, ensure the door assembly is plumb and level within the opening.

- a. Temporarily secure door assembly, shimming as required.

STEP 3. Anchor or weld door assembly, as required per included Anchor Manufacturer's technical manual.

STEP 4. Tighten anchors to existing structure, while keeping door frame straight, plumb, and level.

Do not exceed torque per included Anchor Manufacturer's technical manual.

*Torque wrench supplied by others, NOT PS Access Solutions.

STEP 5. Check door alignment.

- a. Carefully swing door closed and align door frame for proper edge clearance.

STEP 6. Install weatherseals in accordance with Approved for Construction Drawings.

STEP 7. Caulk joints between jamb/header and wall, both sides continuously using Urethane Sealant.

STEP 8. Latch Adjustment - Open and close door panel.

- a. Verify the latch mechanism properly engages and latches, adjust as necessary.

STEP 9. Field Quality Control - Verify that the installation of Door assembly is in conformance with the manufacturer's recommendations outlined in this Installation Instructions /Operation and Maintenance Manual.

- a. Pay close attention to the following items:

1. Verify that hinging and latching assemblies operate freely and correctly.
2. Verify all anchorage is in accordance with PS Access Solution's Installation Instructions /Operation and Maintenance Manual and Anchor Manufacturer's technical manual.

STEP 10. If product is Prime Coat Only or "First Coat" finish option, it is recommended to apply a finish coat of paint to the product once installed.

- a. Follow instructions for application of paint on the product used.

STEP 11. To ensure your product continues to operate and last, upon completion of installation, complete the following:

- a. Clean all surfaces.
- b. If project is ongoing, protect installed products until completion of project.
- c. Touch-up, repair or replace damaged products before Substantial Completion.

Inspection and Maintenance

X. Inspection and Maintenance (Minimum Annually)

A. Panel, Frame, and Embedded items:

1. Inspect items for damage and misalignment. Adjust, repair, or replace as needed, to meet original design tolerances.
2. Check all connections, making sure they meet original design standards (refer to Approved for Construction Drawings and Anchor Specifications).

B. Fasteners and mechanical connections:

1. All fasteners must be in place and adjusted to their original design standards. Replace any damaged components (refer to Approved for Construction Drawings and Anchor Specifications).

C. Caulk and Sealants:

1. Inspect all sealants used on frame and connections to insure their effectiveness.
2. Replace any cracked, loose, or otherwise non-performing sealants.
3. Use only factory approved/supplied products.

D. Weatherseals:

1. Inspect all weatherseals for damage, continuous adhesion to the attached surface, and proper positioning and compression.
2. Visually inspect all weatherseals for proper positioning and compression.
3. Replace or repair if damage or deterioration to weatherseals has occurred.
4. Use only factory approved materials (refer to Approved for Construction Drawings).

E. Latching:

1. Operate all latching hardware to ensure smooth, uninhibited movement of all mechanical components.
2. Place door and check latches for proper engagement. If weatherseals are not properly positioned and properly compressed, unlatch panel and adjust latching accordingly.

F. Finishes:

1. Inspect and clean finishes annually.
2. Touch-up repair finishes, or refinish as necessary to protect the structural integrity of the Industrial Swing Door.

G. Labels and Placards:

1. Inspect all labels and placards.
2. Replace any labels and placards which are unreadable/missing.

I. Housekeeping:

1. Clean sill and jambs of any debris and keep the area clean throughout the operating area of the door.

Inspection and Maintenance Log

CRITICAL Periodic Inspection and Maintenance Required. Inspect at minimum annually.

Date Purchased:

Product:

Model Number:

Serial Number:

Opening Identifier/ Number:

Location:

DATE INSPECTED	INSPECTED BY <i>(Print & Sign)</i>	INSPECTION ITEMS NOTED	CORRECTIVE ACTION	CORRECTED BY <i>(Print & Sign)</i>

PS INDUSTRIES INCORPORATED – LIMITED WARRANTY

Limited Warranty: Subject to the terms of this Limited Warranty, PS INDUSTRIES INCORPORATED warrants to the original user or consumer (the "Owner") of a PS INDUSTRIES INCORPORATED product (the "Product") that, for a period of five (5) years from date of shipment, the Product will be free from defects in material and workmanship under normal use and service, and provided the Product is installed, operated and maintained in accordance with instructions supplied by PS INDUSTRIES INCORPORATED. The terms and limitations of this Limited Warranty apply to all repaired or replacement Products for a term equal to the balance of the warranty remaining on the Product that was repaired or replaced as of the date of such repair or replacement.

PS Flood Barriers™ Product Warranty Registration: For PS Flood Barriers™ Products, this Limited Warranty will only be valid if the Owner completes the Warranty Registration Form provided within thirty (30) days of Product installation. To request a copy of the Warranty Registration form, contact PS INDUSTRIES INCORPORATED, 1150 S. 48th Street, Grand Forks, ND 58201, phone 877-446-1519, email: 4psinfo@psindustries.com. Additional Warranty Registration Forms can be downloaded at www.psfloodbarriers.com/download-center/

Warranty Exclusions: Notwithstanding anything to the contrary, this Limited Warranty does not cover any of the following:

1. Normal wear and tear (including, but not limited to, normal wear and tear to gaskets and weather seals); damage or accidents resulting from freight damage, from failure to follow precautionary safety measures, or applied paint failure; abuse, misuse or unauthorized modification of the Product; misapplication; improper installation; or any defects, damage or other harm that is not the result of the acts or omissions of PS INDUSTRIES INCORPORATED.
2. Cost of field labor or other charges incurred by Owner in removing and/or re-affixing the Product or any part or component thereof.
3. Transportation costs.

Unauthorized modification of or to the Product voids this Limited Warranty. Authorized modifications, received in writing from PS INDUSTRIES INCORPORATED, as long as the modification is accomplished in strict accordance with PS INDUSTRIES INCORPORATED's instructions, does not void warranty. To request product modifications contact PS INDUSTRIES INCORPORATED, 1150 S. 48th Street, Grand Forks, ND 58201, phone 877-446-1519, email: 4psinfo@psindustries.com.

Claim Procedure: To make a claim under this Limited Warranty, the claim must be received by PS INDUSTRIES INCORPORATED before the expiration of the above stated Limited Warranty period together with proof of purchase. Contact PS INDUSTRIES INCORPORATED at the address shown below.

PS INDUSTRIES INCORPORATED	Toll Free: 877-446-1519
Attention: Warranty	Phone: 701-746-4519
1150 S. 48th Street	Fax: 701-746-8340
Grand Forks, ND 58201	E-mail: 4psinfo@psindustries.com

An authorized PS INDUSTRIES INCORPORATED representative must be given a reasonable opportunity to inspect and investigate the alleged Product defect prior to any work being done that affects the Product or its installation. PS INDUSTRIES INCORPORATED reserves the right to charge reasonable amounts for travel and labor associated with investigation of claims. PS INDUSTRIES INCORPORATED may also require photographs of the alleged Product defect or return of the Product or part to a designated PS INDUSTRIES INCORPORATED location, freight prepaid. A return goods authorization must be received prior to the return of the Product or part. Please contact PS INDUSTRIES INCORPORATED to determine the designated location for return and to obtain the return material authorization.

Exclusive Remedy: In the event of a warranty claim that PS INDUSTRIES INCORPORATED determines to be covered by this Limited Warranty, PS INDUSTRIES INCORPORATED will replace or repair, at PS INDUSTRIES INCORPORATED's discretion, the Product or any part of the Product found to be defective.

Disclaimers: The above warranty and remedy is the sole express warranty and remedy given by PS INDUSTRIES INCORPORATED on its Product. No warranties or representations at any time made by any representative from PS INDUSTRIES INCORPORATED shall vary or expand the provisions hereof. TO THE EXTENT PERMITTED BY LAW, ALL EXPRESS AND IMPLIED WARRANTIES (INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT) OTHER THAN THE EXPRESS LIMITED WARRANTY SET FORTH ABOVE ARE EXPRESSLY DISCLAIMED. UPON THE EXPIRATION OF THE ABOVE STATED LIMITED WARRANTY PERIOD, ANY AND ALL APPLICABLE IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT, ARE DISCLAIMED. SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO OWNER.

LIABILITY LIMITATION: In no event will PS INDUSTRIES INCORPORATED's liability to Owner or any other person or entity exceed the price paid to PS INDUSTRIES INCORPORATED for the defective Product. IN NO EVENT SHALL PS INDUSTRIES INCORPORATED BE LIABLE TO OWNER OR ANY OTHER PERSON OR ENTITY FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES OF ANY DESCRIPTION, WHETHER ARISING OUT OF WARRANTY (INCLUDING ANY IMPLIED WARRANTIES) OR ANY OTHER CONTRACT, STRICT LIABILITY, NEGLIGENCE OR OTHER TORT, OR OTHERWISE, INCLUDING ARISING FROM INSPECTION OR REMEDY DELAYS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSION MAY NOT APPLY TO OWNER.

THIS WARRANTY GIVES OWNER SPECIFIC LEGAL RIGHTS AND OWNER MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.



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