

Dura-Shield Blast Door System Owner's Manual 204162

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To Our Customers

We've provided this owner's manual to familiarize you with your Dura-Shield Blast Door System. It is essential that you **know your system**, how it operates and how to maintain it to be compliant with the industry standards for safety. It is your responsibility, as owner or caretaker of the equipment, to inspect the operation of your door system daily to ensure that it is safe for all door users.

The Dura-Shield was developed in a partnership with Insulgard® Security Products to provide protection from blast attacks by complying with Department of Defense (DOD) Unified Facilities Criteria (UFC) Blast Code UFC 4-010-01. The door entrance provides solid performance, security, and safety in a single system. It is ideal for buildings where sliding automatic entrances are required to protect high-risk areas.

Within this manual you will find a description of the operation and maintenance requirements of your door system, as well as the instructions for the **Daily Safety Check** procedure. It is suggested that the **Daily Safety Check** be performed at least once a day and after any power outages. Occasional observance of the doors as they are in use is also recommended.

General Information

SERVICE AVAILABILITY

STANLEY Access Technologies LLC's products are distributed through a nationwide network of STANLEY-owned branch locations and authorized distributors that specialize in Sales, Installation and Service of automatic door systems. Our Service programs offer ongoing support such as regularly scheduled preventive maintenance, or if required, emergency service 24 hours a day, 365 days a year. No matter where you are located, our technicians are only a phone call away. Should you need service on your door system our customer support hotline is available 24/7 at 888-DOOR-444.

LIMITED WARRANTY

STANLEY Access Technologies LLC, a Division of Stanley Black & Decker, Inc., warrants the installed door system against failure due to manufacture or substandard material or workmanship for one year beginning on the completed date of installation. Please review your Certificate of Warranty Agreement for your full Warranty.

COMPLIANCE WITH INDUSTRY STANDARDS

Your door system was designed to comply with the latest revision of the operating and safety standards as prescribed by ANSI/BHMA A156.10 and UL325 requirements. It is important that:

- Your door system be maintained in compliance with the standards and codes of the industry.
- Proper decals be applied and maintained on your doors.
If decals have been removed or cannot be read, request that the decals be replaced when calling for service. Refer to [pages 9](#) for replacement decal part numbers.
- Safety devices are checked by a trained technician annually and each time a door is serviced.

Contact Information

STANLEY Access Technologies
65 Scott Swamp Road
Farmington, Connecticut 06032-2803
www.stanleyaccess.com

Customer Support: 800-7-ACCESS
Telephone: (860) 677-2861
Fax: (877) 339-7923
Service: 888-DOOR-444



Caution

An **improperly adjusted** door can cause injury and equipment damage.

- Inspect door operation daily using safety checklist in Owner's Manual and at door.
- Safety devices should be in place and operational.
- Have door adjusted by a STANLEY certified technician if necessary.
- Have door inspected at least annually by a STANLEY certified technician.

Should the door fail to operate as prescribed in the **Daily Safety Check**, or at any other time for any reason, **do not attempt to repair or adjust the door**. Discontinue operation of the door and call for service by a STANLEY certified technician. Our technicians are trained to service your door in accordance with applicable industry safety standards.

* In this manual, the word **Caution** means that injury or property damage can result from failure to follow instructions.

* The word **NOTE**: is used to indicate important steps to be followed or important differences in equipment.



Functional Basics

FUNCTIONAL DESCRIPTION

This Stanley Access Technologies' Dura-Shield Blast Door System was designed in partnership with Insulgard® specifically to provide protection from blast attacks in high-risk areas.

The Dura-Shield Blast Door System comes as an automatic system. The **automatic solution** of the Dura-Shield Blast Door System receives complete safety protection during its automatic operation. In addition to our microwave and infrared sensors, the microprocessor controller contributes to safety with its built-in logic function that reverses door operation in the unlikely event an obstacle prevents the door from closing.

An automatic door is a complicated assembly of mechanical, electrical, and electronic components that make up a system that you depend on to provide convenience and safety to all users. Lack of maintenance on your door equipment can have significant implications on the cost of ownership.

Stanley's total service and properly scheduled maintenance will extend the life of your equipment and keep it performing to its full potential.

BLAST DOOR SYSTEM

STANLEY®

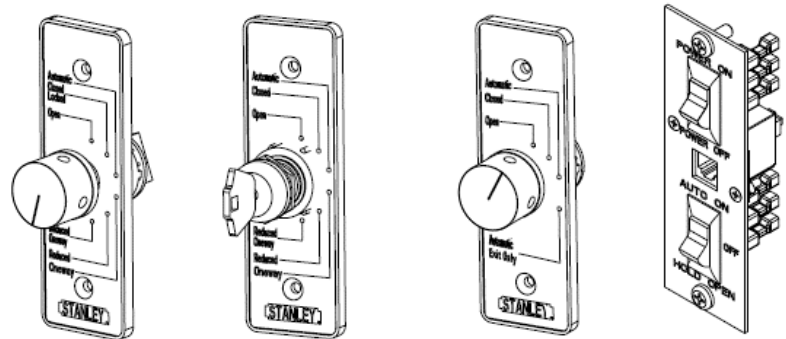
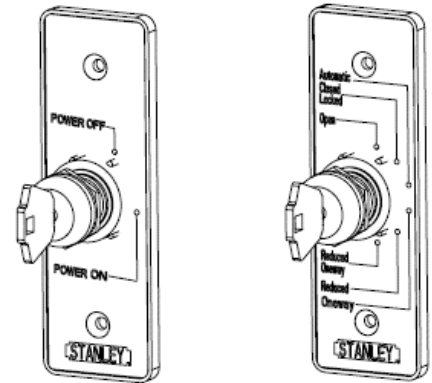
OPERATION

Operation of the automatic Dura-Shield Blast Door System relies on the function switches.

The function switches for the integrated iQ operator may be located on the jamb tubes or wall mounted remotely.

The function switches can be rocker, key, or rotary operation. The functions available are:

- **POWER SWITCH:** This key switch controls the main power of the door system. For the rocker switch option, the switch is illuminated a red color when the power is **ON**. This switch should not be turned off unless the door is being serviced.
- **FUNCTION SWITCH:** This switch controls various modes for the door system.
 - **AUTOMATIC:** This position allows the door to function automatically. The door will open as pedestrians approach the entrance
 - **CLOSED LOCKED:** This position allows the door to fully closed and be locked
 - **OPEN:** This position allows the door to fully open and remain in the open position indefinitely
 - **REDUCED ONEWAY:** This position allows the door to partially open from one side of the door system
 - **REDUCED:** This position allows the door to partially open from either side of the door system
 - **ONEWAY:** This position allows the door to fully open from one side of the door system



BREAKOUT

One important feature to note about the Dura-Shield Blast Door System is that the door system is not designed to **Breakout** due to the positive and negative pressures that occur during a blast event.

Daily Safety Check

HOUSEKEEPING

General housekeeping maintenance should be provided by the owner or responsible person in charge. Check the door area for tripping or slipping hazards. There should be no bulletin boards, literature racks, merchandise displays, or other attractions in or near the door area. It is recommended that any debris in the door's path be swept out.

DAILY MAINTENANCE

Stanley Access Technologies recommends that the doors are inspected daily to ensure performance and safety. Please perform the following before the beginning of each day:

1. Check the door area for slipping or tripping hazards.
2. If the door package contains a threshold, sweep the threshold to remove dust and debris.
3. Check all door panels for broken or cracked glass. If broken or cracked glass is detected, contact our call center at 888-DOOR-444 immediately.
4. As mentioned above, ensure that there are no bulletin boards, literature racks, displays, or other attractions in the door area that could interfere with use of the door or invite people to stop or stand in the door area.

SENSORS

The sensors that are used have detection zones that are invisible to the eye.

A walk test of the zones will give an indication of proper sensor operation.

The following should be done for all automatic door packages:

1. Walk towards the door from several angles. When you are approximately two feet away, the overhead sensor should detect presence causing the door to open.

Repeat this step for both sides of the door.

2. Activate the door to open via the push plate or hands-free activation device (if available) or walk through the doorway and into the **SENSOR ZONE** (the area the door slides through while opening). While standing in the **SENSOR ZONE** the door should remain open.
3. Walk out of the **SENSOR ZONE**. After a brief time-delay, the door should close to the fully closed position and stop without impact. Repeat Steps 2 and 3 for both sides of the door.

If there is a problem that you cannot correct:

Turn the door POWER switch to OFF and call your service representative.

CLEANING

Stanley Access Technologies recommends that you clean the Dura-Shield Blast door system using the following procedure:

- **Glass:** Clean with water and a cotton cloth or use ammonia-free Windex™ or other like-product with a detergent and alcohol-based cleaner.
- **Aluminum:** Clean with a mixture of equal parts ammonia-free Windex™ or other like-product and Simple Green™ All Purpose Cleaner and a cotton cloth.
- **DO NOT USE** any product with Alkaline or other sodium-based product as it could deteriorate the aluminum finish.

SERVICE AND PREVENTIVE MAINTENANCE

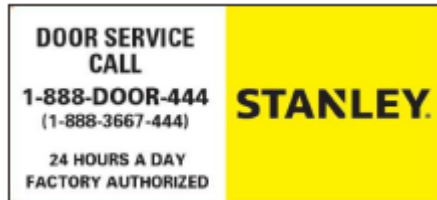
Stanley Access Technologies recommends routine and scheduled preventive maintenance for all automatic door products. Contact your local authorized Stanley Access Technologies product provider to arrange a regular maintenance schedule.

***If the door is not functional or needs repair contact
Stanley Access Technologies at 888-DOOR-444 to schedule a service call.**

Stanley Decals and Part Numbers



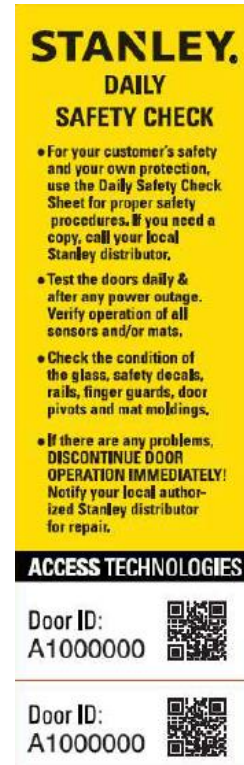
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414095



414096



412266

DECALS ORDERED SEPARATELY



P/N 413743

KNOWING ACT DOORS: The door shall have a decal which says **ACTIVATE SWITCH TO OPERATE** along with other required signage visible from each side of the door with the **Knowing Act** switch(es).



P/N 713834

For jurisdictions that require the ICBO/UBC code compliance, **THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED** decal should be placed on all exit doors. This decal is not supplied by Stanley with this door system, but it is sold separately.

NOTES:

- All decals are applied at the factory and during installation, but must be replaced if removed, damaged, or cannot be read.

Troubleshooting and Hints

POSSIBLE CAUSE	SOLUTION
DOOR WILL NOT OPEN	
No power	Ensure the building circuit breaker is ON . Ensure the main power switch is set to the ON position found on page 6 of this manual.
Function switch set to OFF/CLOSED	Set function switch to AUTO .
Door locked	Unlock door.
Power failure	Turn ON/OFF POWER SWITCH to OFF position for 15 seconds. Set switch to ON as found on page 6 of this manual.
Object in the slide path	Remove obstruction in door path.
Bad activation sensor	Call for service: 1-888-DOOR-444 .
	Call for service if all the checks have been made and the door still does not open.
DOOR WILL NOT CLOSE	
No power	Ensure the building circuit breaker is ON . Ensure the main power switch is set to the ON position found on page 6 of this manual.
Function switch set to OPEN	Turn function switch to AUTO .
Power failure	Turn ON/OFF POWER SWITCH to OFF position for 15 seconds. Set switch to ON as found on page 6 of this manual.
Object in the slide path	Remove obstruction in door path.
Bad activation sensor	Call for service: 1-888-DOOR-444 .
	Call for service if all the checks have been made and the door still does not close.
DOOR OPENS TOO SOON OR TOO LATE	
Activation / Sensor malfunction	Call for service: 1-888-DOOR-444 .
DOOR SLAMS AT FULL OPEN OR FULL CLOSE	
Controller adjustment may be needed	Call for service: 1-888-DOOR-444 .