

Cloze Control™ Installation Instructions

99-22095-I001

June 2016



*Cloze Control shown here with no grease (Refer to page 8 for clarification on proper grease and application)



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Safety and Warnings

Your safety and the safety of others is very important. We have provided many important safety messages in this manual. Please read these messages carefully. These safety messages alert you to potential hazards that could hurt you or others or render damage to Anthony products.

Each safety message is associated with a safety alert symbol. These symbols are found in the throughout the manual. The definition of these symbols is described below:



Protective Eyewear– Potential risk of eye injuries, protective eyewear required when performing this and any other associated tasks.



Protective Gloves– Potential risk of injury to your hands, protective gloves required when performing this and any other associated tasks.



Risk of Electrical Shock– Potential risk of Electrical Shock; pay close attention to instructions when performing this and any other associated tasks.



Commercial Refrigeration – This symbol indicates for use inside a commercial refrigeration case with packaged foods only.



Warning – To reduce the risk of fire, electrical shock or injury observe the following:

1. Use this unit in the manner intended by the manufacturer.
2. Turn power off before removing existing lighting system and follow appropriate lock out/tag out safety procedures



Stop – Before you begin: Installation of this assembly requires a person familiar with the construction and operation of electrical systems and the Hazards involved. Read instructions completely and carefully.

Qualified Personnel

The Anthony product/systems described in this installation manual should only be operated only by personnel qualified for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these Anthony products/systems.

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Cloze Control™ Installation Instructions

The following instructions will guide you through in correctly installing our Advanced Door Hold Open Technology, Cloze Control. You can also find an installation video on [YouTube](#).

Please read these instructions in their entirety. It should answer most of your installation questions. For personal and system safety, and for optimum product performance, make sure you thoroughly understand the contents before installing, using, or maintaining this product.

Ordering Replacement Parts

Ordering replacement parts for your Cloze Control is easy, visit us at www.anthonystore.com to place orders, lookup past work orders, and get quotes fast and easy.

Table 1. Available Cloze Control kit to order:

KIT PART NUMBER	DESCRIPTION
04-21368-0001	INCLUDES: HOLD OPEN ARM, PIVOT STANDOFF, DETENT STANDOFF, DETENT WASHER, AND TRUSS HEAD SCREW; PRE-GREASED

CLOZE CONTROL PART NUMBER	DESCRIPTION
02-20000-0001	INCLUDES: HOLD OPEN ARM ONLY

Tools Required

Cloze Control Kit	Flat-head screwdriver
#2 Phillips-head screwdriver	7/16" Wrench
Protective Gloves (optional)	Safety Goggles (optional)

Recommendations and Suggestions

- Insure that hardware in your Cloze Control Kit includes all hardware needed for installation and that hardware is properly greased, this will insure the Cloze Control operates efficiently.
- Whenever binding gasket or plastic parts, use food gradesilicone only.
- Keep doors and frames clean for product efficiency. This can also help reduce energy consumption and potential health hazards.
- Always use the correct tool for the job to be performed. This ensures proper installation and minimizes safety risks.
- If there is any doubt about the work to be performed, consult with a certified technician or Anthony representative.
- Preventative maintenance is recommended to ensure product longevity.
- Insure to have correct replacement screw size, quantity and type if replacing with non-Anthony hardware.



WARNING: Ensure that the door is properly aligned and closes by adjusting the Torquemaster. When the Torquemaster is properly adjusted, the door will close rapidly at first and then slowly close just prior to reaching the frame. Refrain from adding excessive tension to the Torquemaster. Doors with Cloze Control close quietly and softly.

Removing existing hold-open

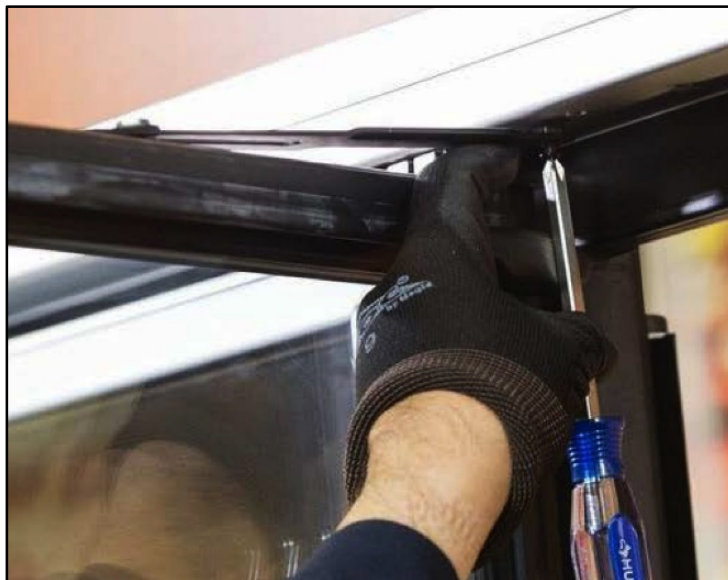
1. Use a 7/16" wrench to remove the standoff on the door, this will completely disengage the old hold open, discard after removal.

Figure 1. Standoff location on door



2. Use a #2 Phillip's head screwdriver to remove screw from the old hold-open, which is located on frame, discard after removal.

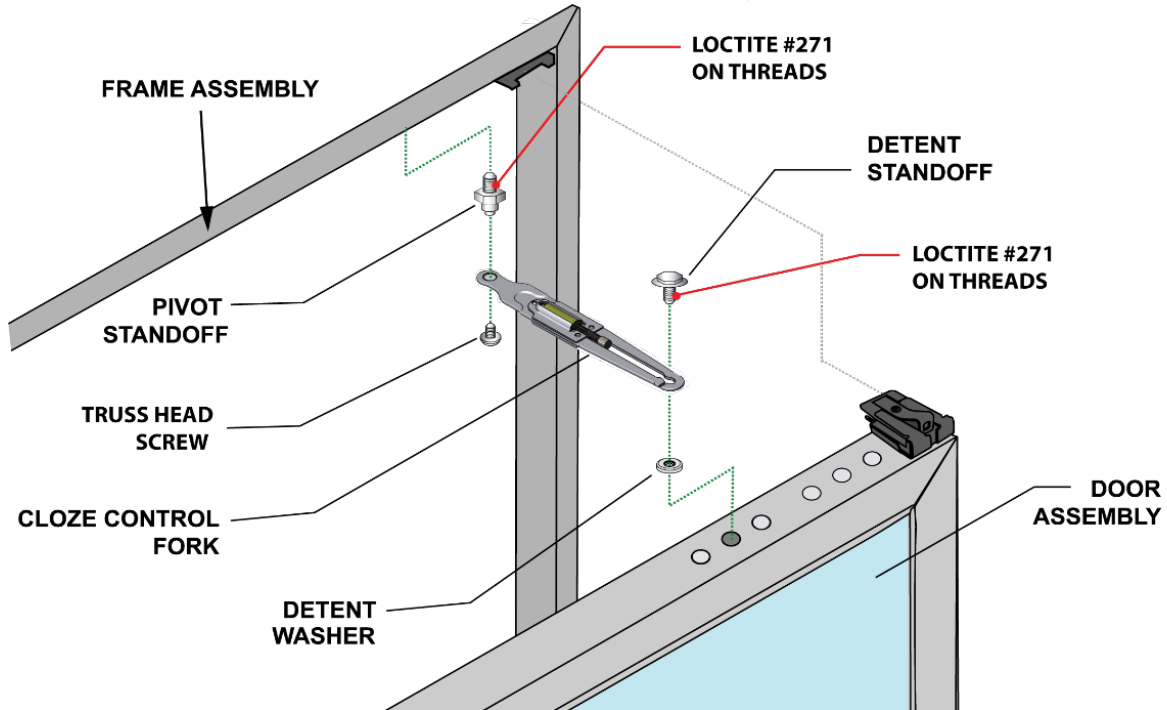
Figure 2. Screw location on frame



Installing the Cloze Control Assembly

The flat side of the Cloze Control must be facing down onto the top of the door when the Cloze Control is in place refer to Figure 3. for correct orientation and clarification on proper assembly and installation. Use the following set of instructions to guide you.

Figure 3. Cloze Control Assembly (this is a detailed view with door unattached to Frame, refer to instructions 1 through 9 for assembly details; refer to Figure 9 and image on cover for reference of fully assembled kit)



The clearance between the top of the door and the frame header must be a minimum of 1/2" so that the Cloze Control will fit.

1. Take Pivot Standoff, add Loctite #271 or equivalent to threads and insert into frame, using a 7/16" wrench secure Pivot Standoff and torque to 100 in/lb.



Note: We recommend that you replace existing Pivot Standoff with the one provided in your Cloze Control kit.



Note: to insure proper performance, avoid possible damage to frame, or stripping of threads make sure not to over tighten the Pivot Standoff when installing. Use recommended torque of value of 100 in./lbs.

2. Insert the Cloze Control assembly into Pivot Standoff on frame, use Truss Head Screw to retain Cloze Control assembly in place, See Figures 4 and 5. (approximately #2 clutch setting on a professional screw gun, refer to Figure 3 for orientation of Cloze Control assembly).

Figure 4. Cloze Control Assembly to Pivot Standoff

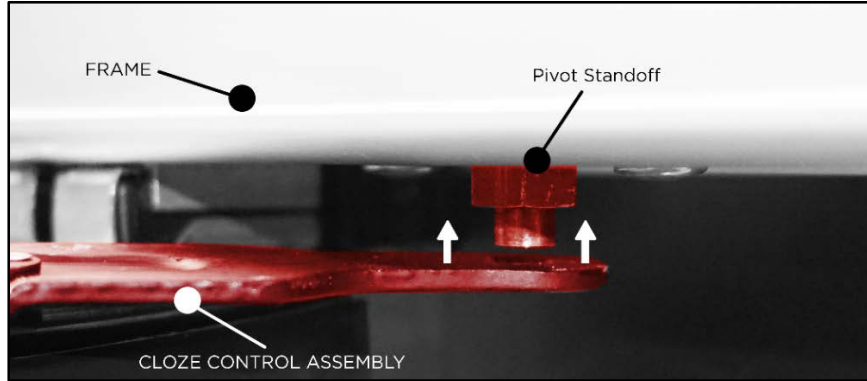
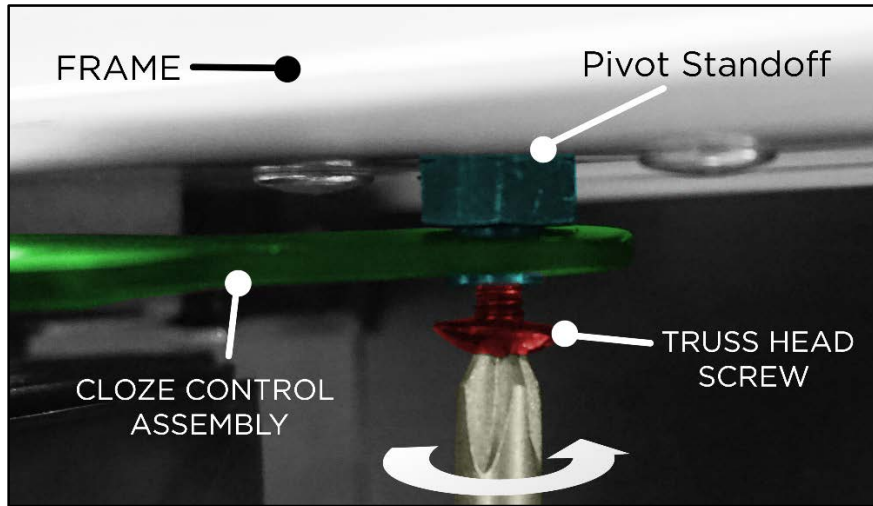
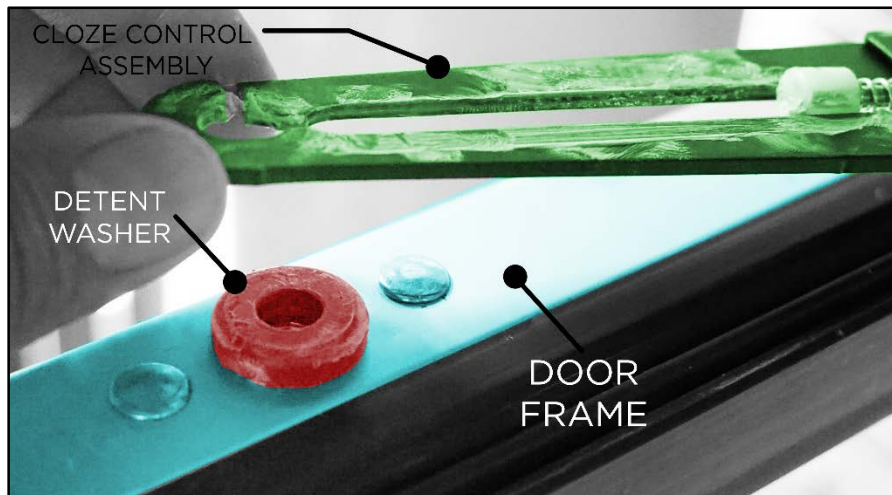


Figure 5. Truss Head Screw to secure Cloze Control Assembly



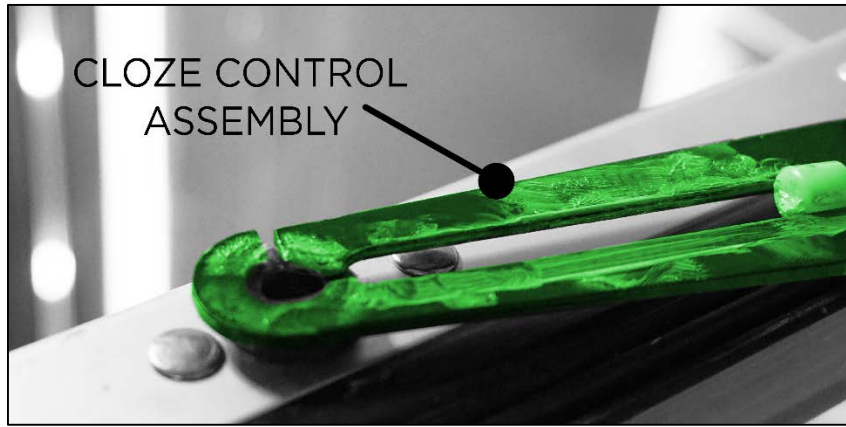
3. Place the Detent Washer over the middle hole opening on top of the door as shown in Figure 6.

Figure 6. Dented Washer placement on door



- Once Detent Washer is in place, swing Cloze Control Assembly over Dented Washer as shown in Figure 7.

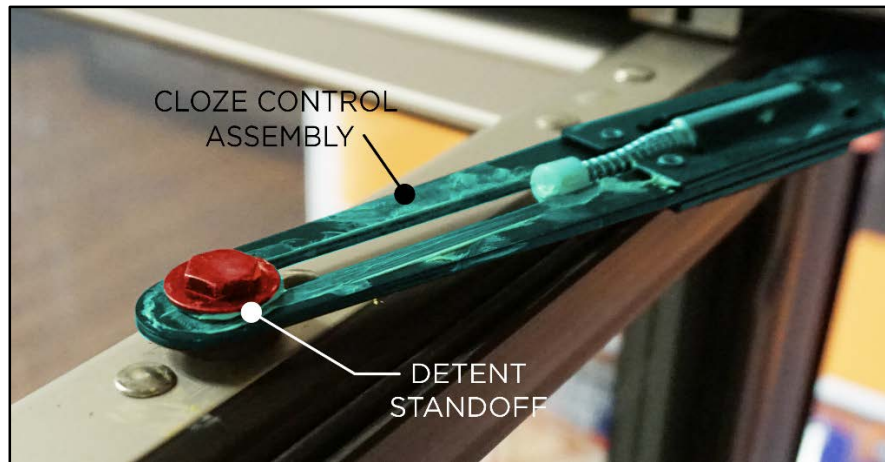
Figure 7. Cloze Control placement over Dented Washer



Note: Your Cloze Control Kit comes pre-greased, always insure that there is an adequate amount of grease on both the Cloze Control assembly arm and the detent washer. Refer to Figures 6-7. In the case that additional grease is required use the following: Chevron FM Grease EP NLG1 (1 or 2) or equivalent to insure proper functionality.

- With both Detent Washer and Cloze Control Assembly in place, apply Loctite #271 or equivalent to threads of Detent Standoff then insert the Detent Standoff Bolt in place as shown in Figure 8.

Figure 8. Cloze Control placement over Dented Washer



- Using a 7/16" wrench, secure Detent Standoff and torque to 100 in./lbs., still allowing the Cloze Control to slide back and forth.

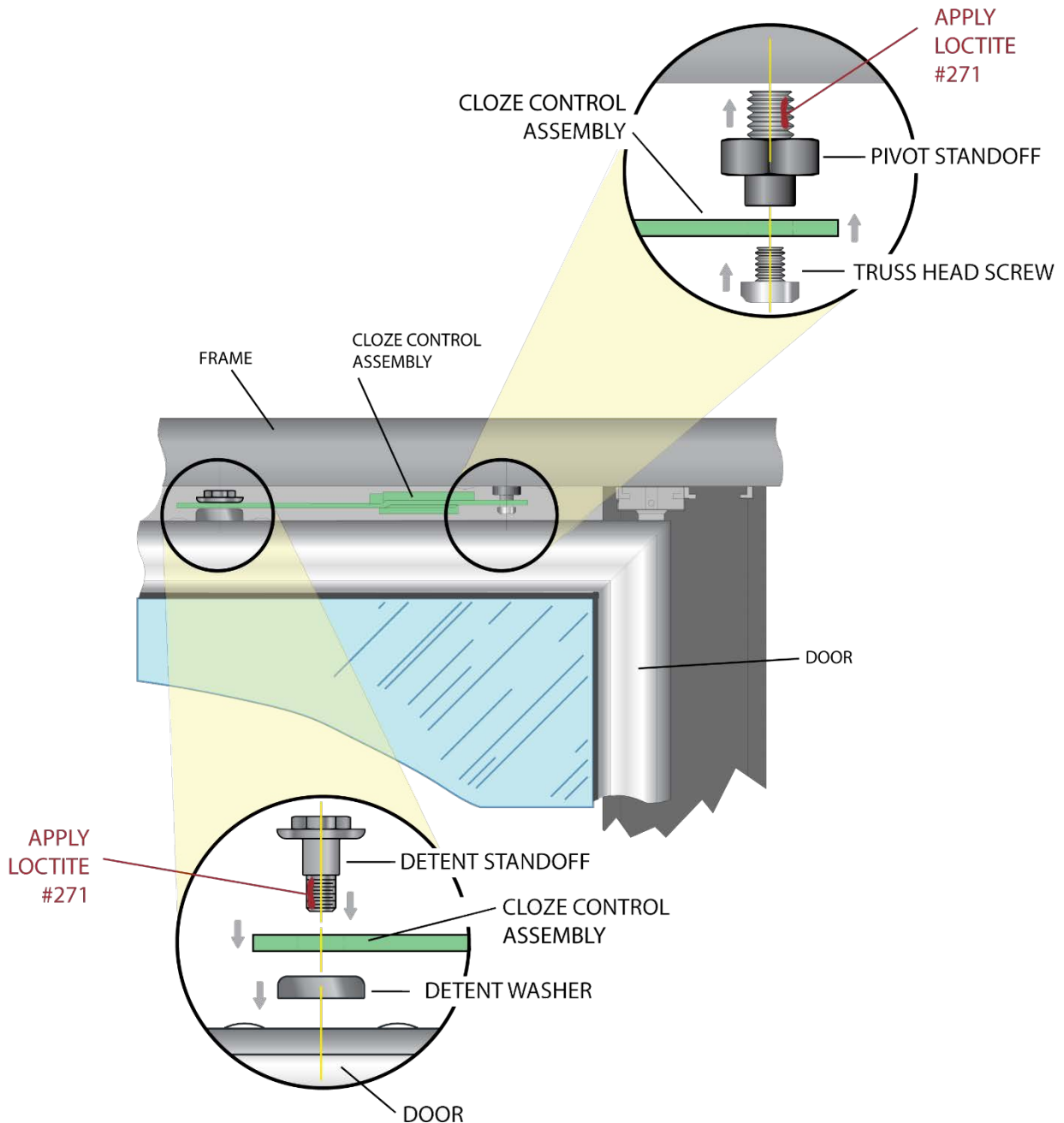


Note: To insure proper performance, avoid possible damage to door, or stripping of threads make sure not to over tighten the Detent Standoff when installing. Use recommended torque of value of 100 in./lbs. Make sure to check for an adequate amount of grease for lubrication, if needed apply as needed.



NOTE: If the door is more than five (5) years old, the Torque Rod must also be replaced.

Figure 9. Front view of fully assembled Cloze Control Kit with detailed views



7. Insure that the door is properly aligned and closes by adjusting Torquemaster, when the TorqueMaster is properly adjusted the door will close rapidly at first and then slowly close prior to reaching the frame.



Note: Refrain from using excessive tension to the Torquemaster. This will insure your door closes quietly and softly preventing premature gasket wear.



Note: Use Kit 04-21368-0005 when the clearance between the top of the door and the frame is 0.75" or more.

Revision History

REV	ORGINATOR	DESCRIPTION OF CHANGE	DATE
A	SAI PUTTI	INITIAL RELEASE	02/26/2015
B	SAM FISHER	CHANGE NAME TO CLOZE CONTROL	09/01/2015
C	ALFREDO MARTINEZ	REFER TO ECN 15019	07/14/2016