



**MEDECO HIGH SECURITY
CUSTOM LOCK INSTALLATION**

9100 9600 9700

RL5000 RL2000

RT2000 FT5000 FT5000^{XP}

ARGO

07103-28209 JUNE 12, 2013

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MEDECO HIGH SECURITY LOCK INSTALLATION

Document Updates

August 3, 2012	Original
September 18, 2012	page 7 washer use clarification
June 12, 2013	Added ARGO

PURPOSE

This guide covers the steps for the installation of the high security Medeco key lock. The advantage of the high security lock is that the key is removable **only** in the locked position; and its unique design makes it more tamper proof.

SCOPE

This procedure applies to all VERIFIED TRITON TRAINED service personnel involved in the process of maintaining or converting Triton ATMs.

APPLICATION

This procedure applies to 9100, 9600, 9700, RL2000, RL5000, RT2000, FT5000, FT5000^{XP} & ARGO units. Note the requirement to reposition the lock's stop washer in the 9700, RL1600, RL2000, RL5000 & ARGO fascia installations, (page 6) and spacer washer installation for the 9600 and RL5000 door brackets. (page 7)

REQUIRED PARTS AND TOOLS

TOOLS REQUIRED	Flat tip screwdriver
	7/16 inch nutdriver or socket and ratchet
	adjustable wrench to take off large nut

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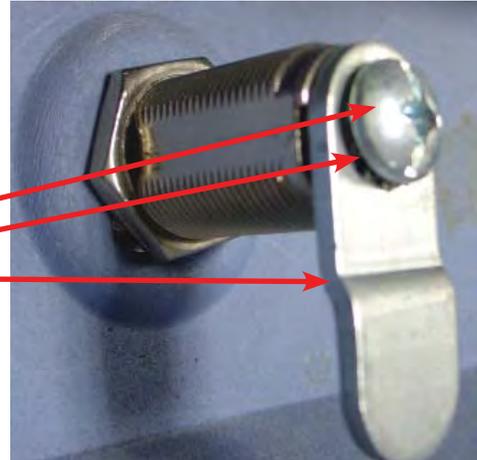
LOCK REMOVAL ALL LOCKS CONTROL PANEL AND FASCIA

Removal of the current lock assembly is the same for all cabinets, both the control panel and front fascia doors. The picture provided is generic to all removals.

1. Open the control panel or fascia door. Return the lock to the locked position. Leave the key in the lock to act as a handle.

2. Remove the 1 (one) bolt holding the latch cam, and remove the bolt, lock washer and latch cam. Replace the bolt back on to the lock to retain the inner tumbler mechanism.

Bolt
Washer
Latch Cam



3. Remove the nut securing the lock, and remove the lock from the front.

Nut



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LOCK INSTALLATION ALL CONTROL PANELS

1. Position the lock as shown in the figure to the right.

Note the “flats” of the lock body are on the left and right. The key is in the “locked” position. Turn key to the right to “unlock”. Return to the “locked” position. This can be verified by removing the key. Reinsert the key to act as a handle.

2. Remove the large nut, insert the lock into the control panel opening and reinstall the large nut. Tighten the nut. Key should be horizontal with teeth facing to the right.

Representative picture at right.

3. Hold the key, while removing the small nut and washer from the lock. Do not remove the round stop washer under the lock washer. With the nut removed, the inner tumbler mechanism may fall out if the key is not held firmly.

4. Maintain the hold on the key, install the hasp onto the end of the lock.

Note the flats on the side of the lock and hasp. Install the hasp in the vertical “locked” position. Reinstall the lock washer and nut. Tighten the nut securely.

Hasp part number:

02113-00008 RL1600 & RL2000

03011-02099 RL5000, 9100/9600/9700

03011-01974 ARGO

5. Test the movement of the lock before closing the Control Panel. Ensure the key can be removed in the closed, locked position only.



Representative lock/hasp installation, 9100 shown in the locked position.

LOCK INSTALLATION FASCIA PANELS

9100, 9600 Hasp part number 03011-05272

The lock will be installed in the same manner as the Control Panel. Orient the key in the lock horizontally in the locked position. Below are illustrations of the hasp installed in the locked position. Rotate the key clockwise to unlock the lock.

9100

9600

Fascia back showing stop washer cam



Fascia back showing hasp/locked



Fascia back showing hasp and nut/locked



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9700, RL1600, RL2000, RL5000, ARGO Hasp part number 03011-02099

1. The lock will be installed in the same manner as the Control Panel. Orient the key in the lock horizontally in the locked position, key on left, teeth facing right.

NOTE: Once the lock body is installed into the door, the stop washer must be repositioned.

2. While holding the key, remove the small nut and lock washer.

The stop washer should appear as the picture at the right.



3. Maintain the hold on the key, carefully remove the stop washer, flip it over, and reinstall. It should appear as the picture at the right.



4. Maintain the hold on the key, install the hasp onto the end of the lock.

Note the flats on the side of the lock and hasp.
Install the hasp pointing down. Representative installation at right showing the locked position.
Install the lock washer and nut, tighten the nut.



5. Test the movement of the lock before closing the Fascia. The lock rotates to the LEFT to unlock. Ensure the key can be removed in the closed, locked position only.

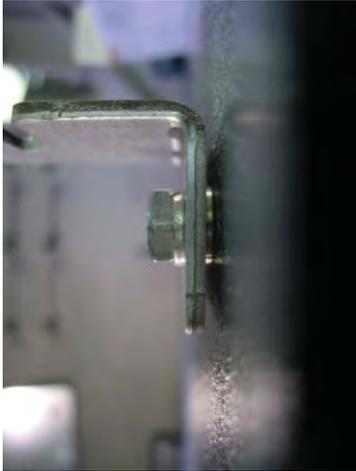
SPACER WASHER INSTALLATION

9600 RL5000

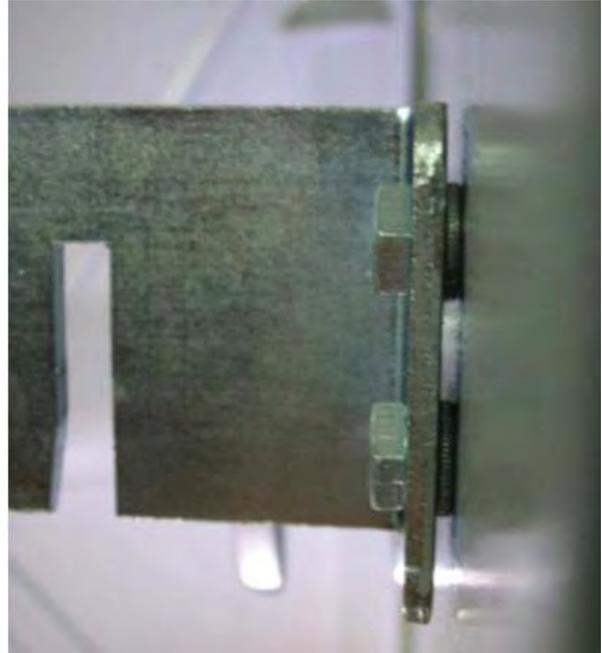
These units may require spacer washers installed behind the cabinet door lock bracket to properly align the bracket and hasp. Check lock hasp engagement to determine if washers are necessary.

Remove the bolts retaining the bracket and place one washer behind each mounting bolt location. Test the alignment of the hasp and bracket.

RL5000



9600



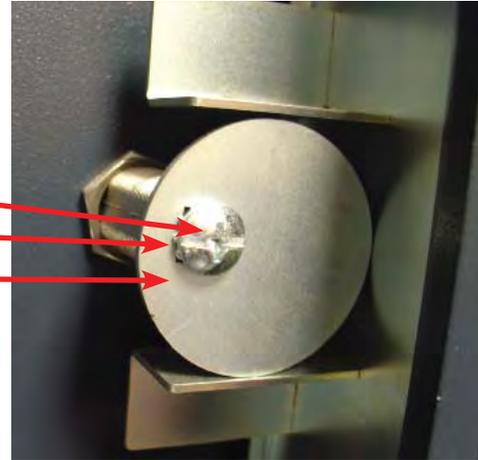
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LOCK INSTALLATION RT2000 FT5000 FT5000XP CAM PART NUMBER 03011-01932

1. Open the rear cabinet door. Return the lock to the locked position, key vertical. Leave the key in the lock to act as a handle.

2. Remove the 1 (one) bolt holding the latch cam, and remove the bolt, lock washer and latch cam. Retain the lock washer.

Bolt
Washer
Latch Cam



3. Remove the nut securing the lock, and remove the lock from the front.

Nut

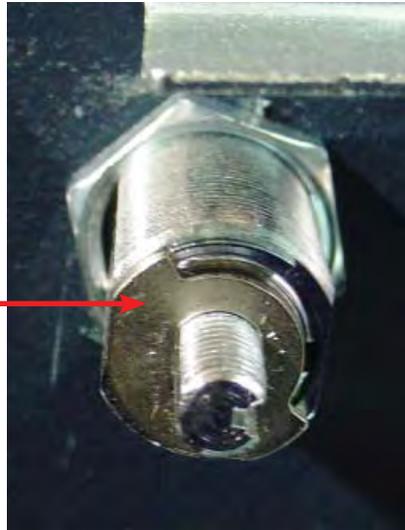


4. Position the new lock as shown (locked) and insert into the door. Hold the lock assembly as shown to ensure the tumbler mechanism does not come out throughout the rest of the installation. Secure the lock with the nut provided.



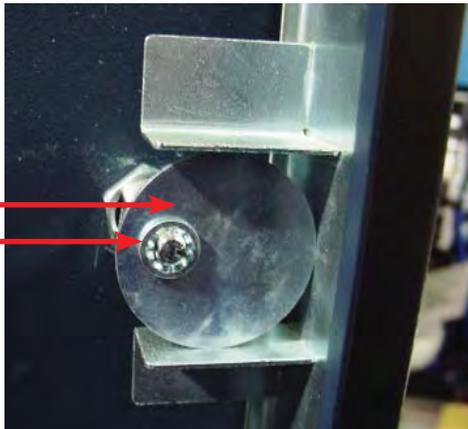
5. Remove the nut from the end of the lock. Ensure the lock stop plate stays correctly positioned, and the tumbler mechanism does not come out the front.

Lock Stop Plate

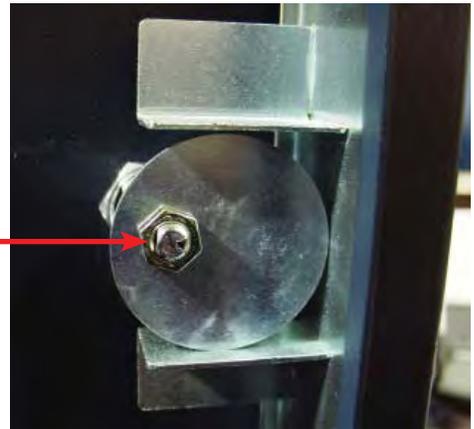


6. Install the latch cam, lock washer (retained from disassembly), and nut.

Cam
Washer



Nut



7. Ensure all hardware is tight. Test the lock before closing the door. Observe that the key can only be removed when the door is locked. (Key horizontal)