



**NORTH SHORE**  
**COMMERCIAL DOOR.COM**

# How To replace a Drive Belt

## **To Remove Existing Belt:**

1. Disconnect power to the opener and battery power (if applicable).
2. Disengage the outer trolley by pulling the emergency release rope.
3. Manually pull the garage door to a closed position.
4. Relax the belt tension by loosening the outer nut on the trolley threaded rod.
5. Remove belt cap retainer, then remove the belt from the sprocket and trolley.
6. Manually slide the inner trolley to the closed position until it engages the outer trolley.
7. Reconnect power to opener.
8. Using a remote control, run your opener until the sprocket completes a clockwise cycle.
9. Remove power to opener before proceeding.

NOTE: The above steps should have placed the trolley in the down position with the door closed, this ensures the trolley is in the correct position for the new belt.

## **To install the new belt:**

1. Pull the belt around the pulley and towards the trolley. The ribbed side must contact the pulley.
2. Hook the trolley connector into the retaining slot on the trolley.
3. Dispense the remainder of the belt along the rail towards the motor head, around the sprocket and towards the trolley.

NOTE: Replacement belts manufactured on November 1, 2012 or later includes a Spring Retainer Plate assembly and a threaded rod attached at one end of the belt. If you have a new design belt follow the instructions in the Spring Retainer plate section. For earlier replacement belts follow the instructions in the Spring Capsule section.



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### **Spring Retainer Plate - Operators built on November, 2012 or after**

1. Remove the outer nut from the trolley threaded rod.
2. Insert the trolley threaded shaft through the hole in the trolley, ensure the belt is not twisted.
3. Install the outer nut and hand tighten.
4. Pull the red release rope to disengage the trolley.
5. Spin the inner nut and lock washer down the trolley threaded shaft. Use a 1/2" wrench and tighten the outer nut until the line on the spring retainer plate is visible.
6. Tighten inner nut to secure the adjustment.
7. Reconnect power to your opener and refer to your owners manual on how to set your operators travel and force adjustments.

### **Spring Capsule - Operators built before November 2012:**

1. Remove from the old belt the threaded rod, spring capsule, Square nut and master link. Install only the threaded rod and master link on the new belt. If using a D-Shape threaded shaft, make sure it is on the new belt correctly.
2. Insert the trolley threaded shaft through the hole in the trolley, ensure the belt is not twisted.
3. Place the spring, then the square shaped nut on the threaded rod and hand tighten.
4. Pull the red release rope to disengage the trolley.
5. Use a 7/16 open ended wrench on the square end, tighten until spring tension is set properly.  
Spring should measure 1-1/4" in overall length.
6. Reconnect power to your opener and refer to your owners manual on how to set your operators travel and force adjustments.