



NMD 100 Extension Assembly



©2020 Triton Systems of Delaware, LLC. All Rights Reserved. ATMGurus®, the ATMGurus logo and tagline, Triton®, and the Triton logo are all registered trademarks of Triton Systems of Delaware, LLC. The third party trademarks that may be identified herein are the trademark of their respective owners. Triton disclaims any affiliation, connection, or association between its products and services, and those of the respective trademark owners, or any sponsorship or approval of its products and services by such trademark owners.

REVISION HISTORY

07103-00442	Date	Description
Original	May 15, 2012	Unpack and assemble the NMD 100 extension
Revision B	September 2, 2020	Updated images and description to unpack and assemble the NMD 100 extension

Contact Information

Triton© Headquarters and Manufacturing Plant
21405 B Street
Long Beach, MS 39560 USA
1 (866) 259-4866
(228) 575-3101 (fax)

Triton Technical Services Department
techsvs@triton.com
1 (800) 259-6672 (opt 3)

Manufacturer warrants that the products delivered to a distributor will perform in accordance with the Manufacturer's published specifications for thirteen months from date of shipment from Long Beach, MS. Manufacturer's warranty shall not apply to any damage resulting from abuse, negligence or accident, or to any loss or damage to the product(s) while in transit. Written notice and explanation of circumstances surrounding any claims that the goods have proved defective in material or workmanship shall be given promptly from the distributor to the manufacturer. No claim may be made, or action brought, by or through a distributor after the expiration of 14 months following any alleged breach of warranty.

Distributor's sole and exclusive remedy in the event of defect is expressly limited to the replacement or correction of such defective parts by manufacturer at its election and sole expense, except there shall be no obligation to replace or repair items which, by their nature, are expendable.

These terms and conditions shall be governed by and construed in accordance with the provisions of the Uniform Commercial Code as adopted by the State of Mississippi.

PURPOSE

Due to space limitations, the bill output feed extension is being shipped with the dispenser unit, but unattached and unassembled. This guide covers the steps for assembling and installing the extension on the NMD 100 R-12 cash dispenser. All necessary parts are included in shipment including extension blocks, cover plates and wiring, but assembly is required. Extension length for individual units will be determined prior to shipping.

SCOPE

This procedure applies to all service personnel involved in the process of maintaining, converting, or upgrading hardware and software on Triton ATM

APPLICATION

This extension assembly applies to a variety of through-the-wall Triton ATM units in the U.S. and abroad. All parts are included in shipment and directions are available to locate installation documents necessary to assemble the extension and attach to dispenser

Table of Contents

REVISION HISTORY	2
PURPOSE	2
SCOPE.....	2
APPLICATION.....	2
NOTES OF IMPORTANCE.....	4
REQUIRED PARTS AND TOOLS	4
PARTS AND ASSEMBLY IDENTIFICATION	5
UNPACKING CONTENTS	6
INSTALLING 5” EXTENSIONS	7
INSTALLING 10” EXTENSIONS	9

NOTES OF IMPORTANCE

Read All Instructions Before Proceeding: Triton Systems will not be responsible for items damaged or lost during shipping, unpacking or assembly. Follow all instructions carefully.

PACKAGING REMINDER



To receive proper credit for returned units and parts, save ALL packing contents for reshipping. Repack all items being returned in the same manner new parts were originally shipped. Failure to do so may result in lost or delayed credit for inappropriately packaged items.



Caution

When unpacking contents, use caution when removing the upper box tray covering extension parts. Remove contents and place on top of dispenser unit without stretching or pulling wiring. Take note of any damage to contents and make sure wiring contacts are attached tightly to dispenser unit and extension end.

REQUIRED PARTS AND TOOLS

TOOLS REQUIRED	T-10 Torx Drivers
PARTS	All necessary parts and hardware are included in shipment

PARTS AND ASSEMBLY IDENTIFICATION

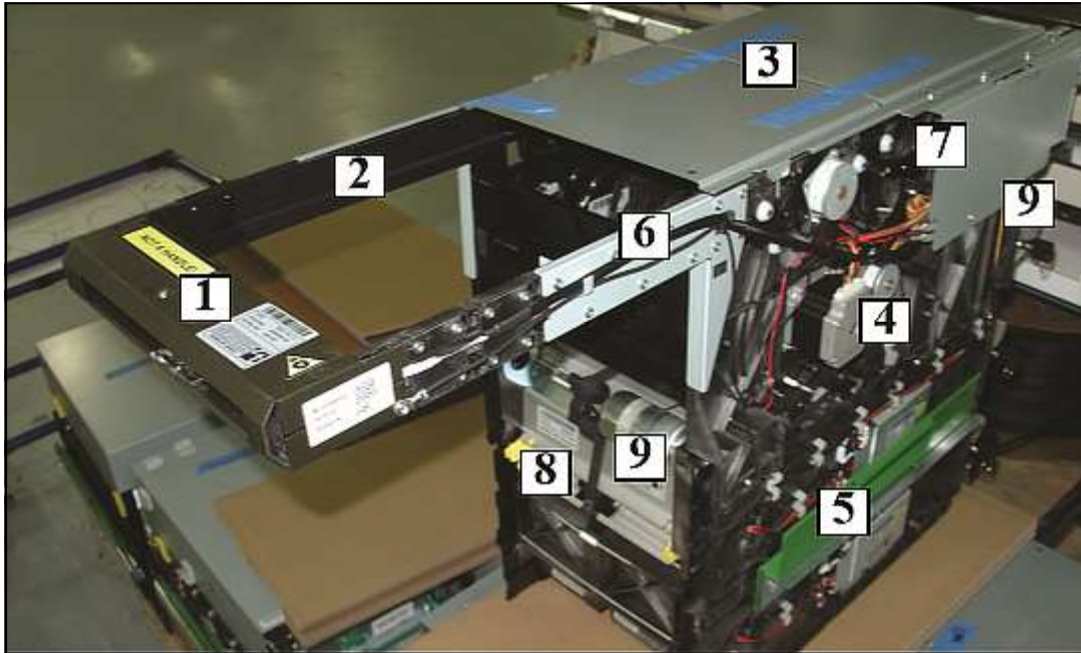


Figure 1

NMD 100 with BOU extension, cover plates and lifting handles attached

1. **BUNDLE OUTPUT UNIT (BOU)** -- This part is shipped with the ground and exit sensor cables attached. Use caution not to put tension on wiring while unpacking item.
2. **EXTENSION BLOCKS** -- These blocks fit together to make up a length of extension. Number of blocks sent will be determined by unit model. Blocks are secured with Torx-head screws.
3. **TOP COVER PLATES** -- Upper rear plate is not fastened and folds upward from top of unit to remove. Front plate is held in place by five (5) Torx-head screws. Plates are taped during shipping.
4. **NOTE STACKER MOTOR** -- Inspect motor and mount for any damage that may have occurred during shipping. Make sure the wiring cable is properly seated and the unit is snug on the chassis.
5. **LIFTING HANDLES** -- These are shipped separately from the unit.
6. **WIRING TO GROUND/CMC BOARD** -- Ground wire, (five-inch, or 10-inch, depending on extension) is routed down arm to attach to ground point on chassis. Exit sensor cable, (black ribbon wire) routes across outside of dispenser to connect to CMC board. Keep wiring away from movable parts.
7. **CMC BOARD/COVER PLATE** -- The CMC board is protected by a metal cover plate. Extension control wire plugs into fitting on CMC board.
8. **NOTE QUALIFIER DOORS** -- Make certain doors remain snapped closed after shipping.
9. **Lift Points** -- Grasp the lift points. Lift dispenser straight up then out of inner box.

UNPACKING CONTENTS

Note

Before proceeding, follow these steps to properly unpack the contents and prepare for assembly of the Bundle Output Unit extension and its attachment to the NMD 100 dispenser. Save all packing materials for use in returning unit.

1. Do not remove the inner box. Use the inner and outer boxes for repackaging and shipping. Save all packing material for re-use in return shipment, the four (4) corner cushions, (**Figure 2A**), green air fillers, and the cardboard tray (**Figure 2B**).



Figure 2A



Figure 2B

Caution

The BOU with cable is connected to the NMD100 chassis. Do not damage the cable in the process of removing the BOU and the dispenser from the box.

2. (**Figure 3A**), remove the extension kit (Yellow arrow) and set aside. Hold the BOU with the (STOP) label out of the way until ready to lift the dispenser from the box.



Figure 3A

3. Remove and set aside the packing foam from the top and sides of the dispenser. All returns must be received with original packing material.
4. Remove the top cover with the internal foam label. No fasteners hold the cover in place, (**Figure 3B**). Remove the 3 pieces of BCU retaining foam from

the unit, (**Figure 3C**). Set aside with the other foams for reshipment.



Figure 3B

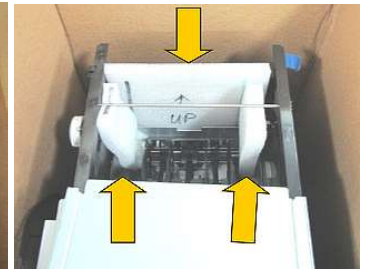


Figure 3C

5. Rest the BOU on top of the dispenser, (**Figure 4A**).

Caution

The NMD100 is a two-person lift.

6. Lift handles will not be shipped with the unit. To remove the unit, reach in front and grip the upper dispenser bracket, (**Figure 4A**). Reach behind the unit and grip the main motor housing, (**Figure 4B**). Lift the dispenser straight up, then out of the inner box. Place the unit on a sturdy work table to complete the assembly.



Figure 4A

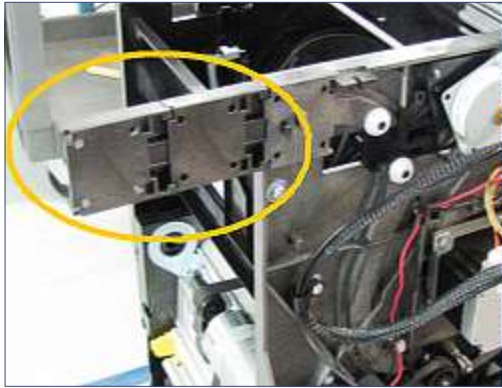


Figure 4B

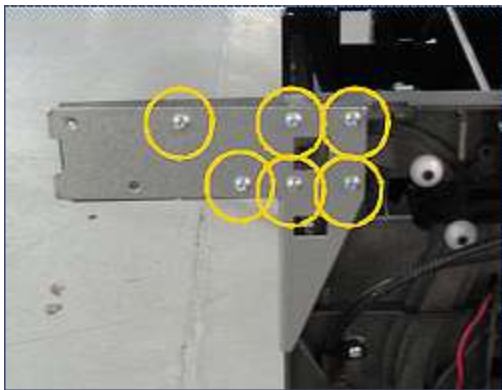
7. Examine the BOU, parts kit, and the dispenser's outside and inside areas for cracks or damages caused by shipping. Inspect wiring connections. Ensure note qualifier doors (**Figure 1**) are snapped closed.
8. See instructions for installing a 5" or 10" extension assembly below.

INSTALLING 5" EXTENSIONS

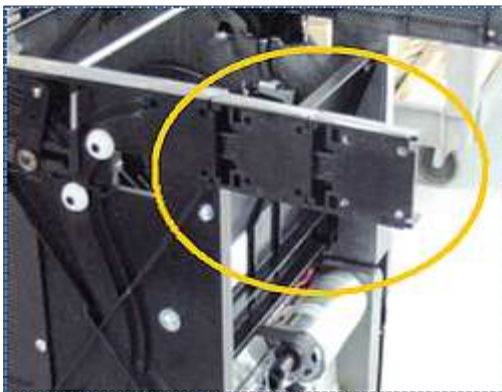
1. Obtain two of the dull gray extension pieces and snap them together on the dull side as shown below.



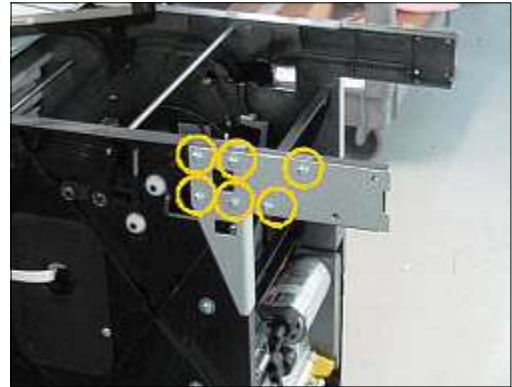
2. Attach the metal brace using six screws as shown below.



3. Obtain two of the shiny gray extension pieces and snap them together on the shiny side as shown below.



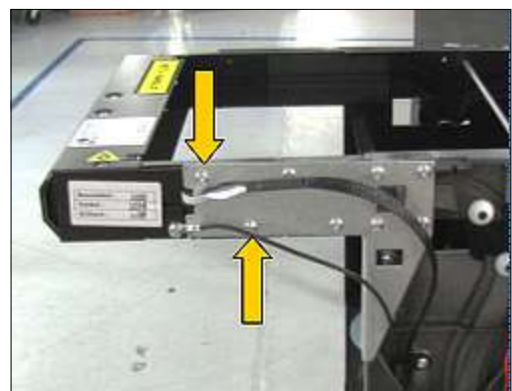
4. Attach the metal brace using six screws as shown below.



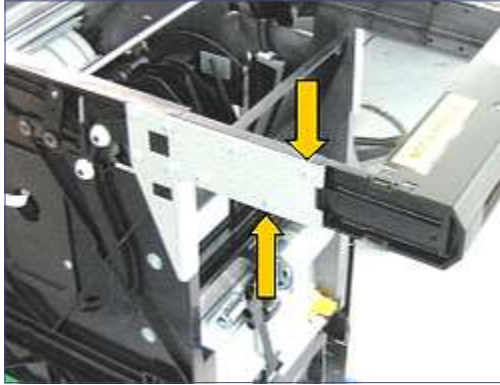
5. Snap the BOU into place as shown below. Ensure the cables are not damaged or pinched when installing the BOU.



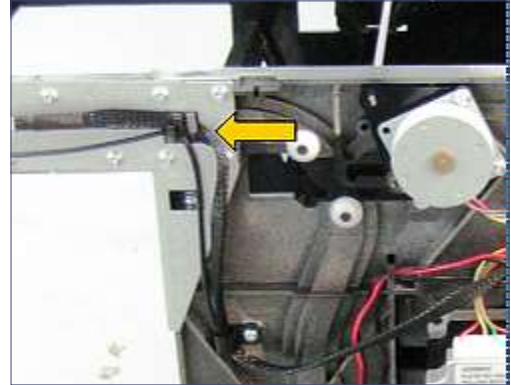
6. Secure the BOU to the dispenser with two screws as shown below.



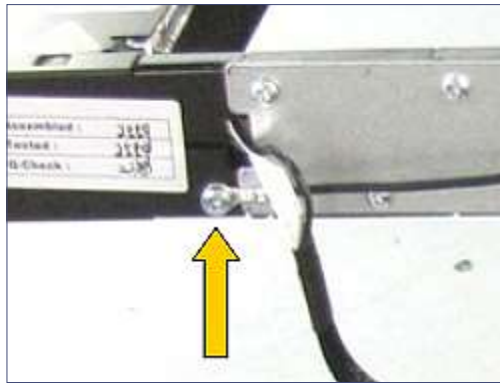
7. Secure the opposite side of the BOU to the dispenser with two long screws as shown below.



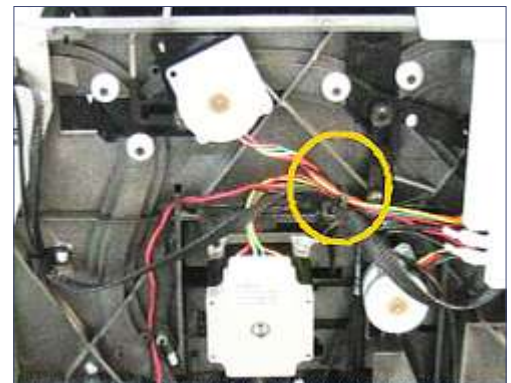
10. Place the mesh covered cable into the clip as shown below.



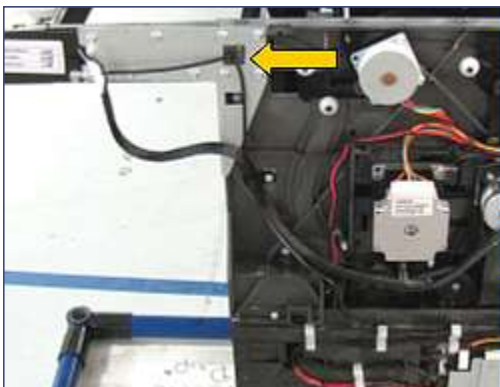
8. Move the BOU ground wire so that it is in the position shown below.



11. Place the mesh covered cable into the clip shown below.



9. Place the ground wire into the clip marked with an arrow as shown below.



This completes the 5" extension installation. Install the NMD 100 dispenser into the ATM.

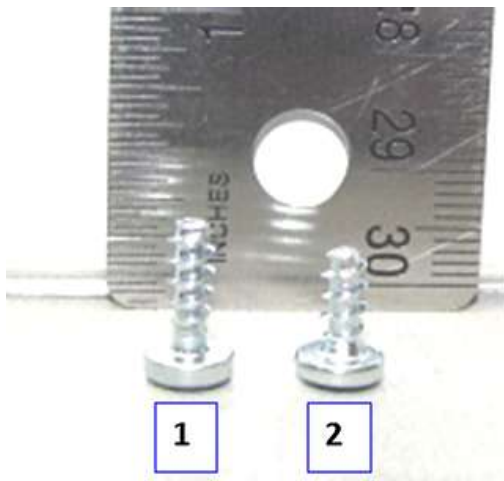
INSTALLING 10" EXTENSIONS

****Note****

Adhesive wire clips are installed on the metal bracket and one of the extension blocks. Not all images show the clips, but are shown in step 13.



The longer #1 screw used to attach the metal bracket. The shorter #2 screw used to secure the plastic extension blocks.



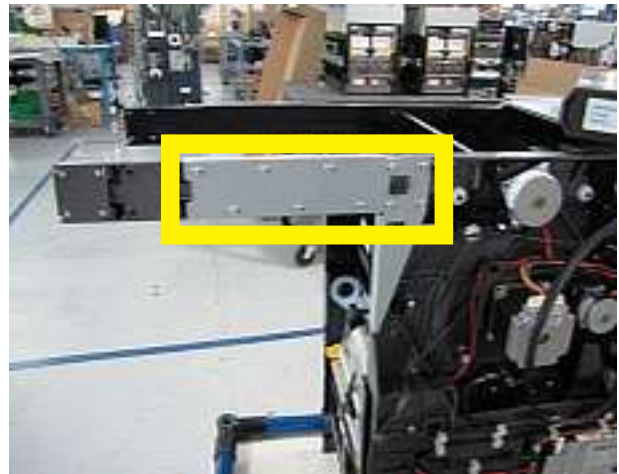
1. Obtain the five dull gray extension pieces and snap them together as shown below.



2. Install the extension pieces on the dull gray side as shown below.



3. Attach the metal brace using 10 of the long #1 screws as shown below.



4. Obtain the five shiny gray extension pieces and the extension bracket as shown below.

****Note****

Not all kits will be received this way. Assemble as needed to achieve the results shown in step 6.



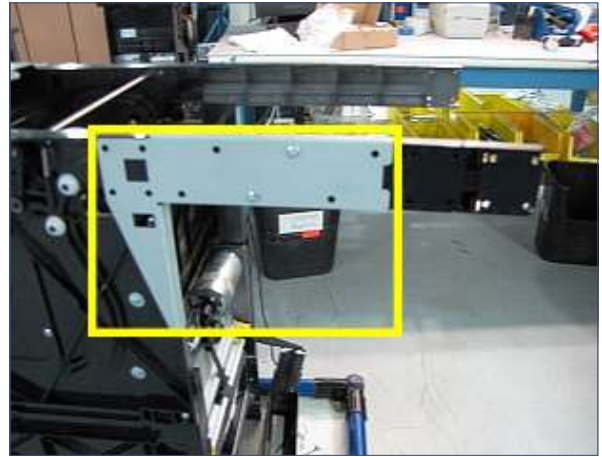
5. Slide one piece into the bracket as shown below.



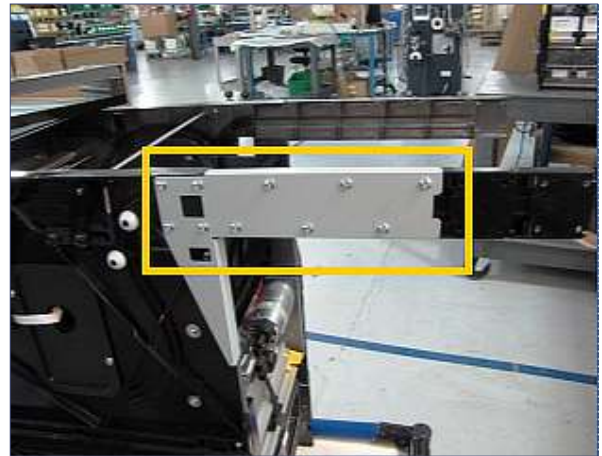
6. Slide two pieces into the other end as shown below.



7. Slide the assembly into place as shown below.



8. Attach the metal brace using eight of the long #1 screws as shown below.



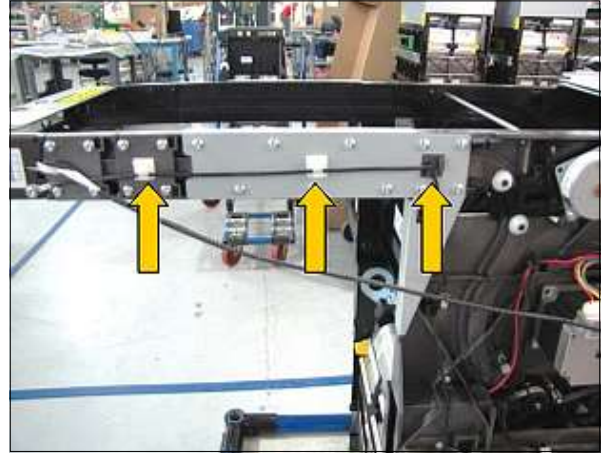
9. Snap the BOU into place as shown below. Ensure the cables are not damaged or pinched when installing the BOU.



10. Secure the BOU to the dispenser with eight of the #2 short screws as shown below.



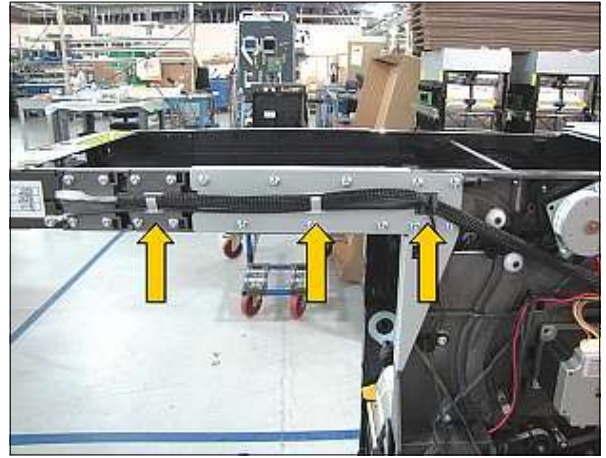
13. Place the ground wire into both the white clips then into the black clip as shown below.



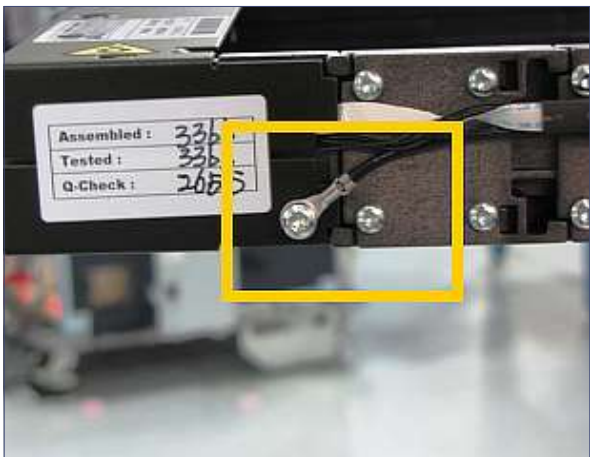
11. Secure the other side of the BOU to the dispenser with eight of the short #2 screws as shown below.



14. Place the mesh covered wire into both white clips then place into the black clip as shown below.



12. Move the BOU ground wire so that it is in the position shown below.



15. Place the mesh covered cable into the clip as shown below.



This completes the 10” extension installation. Install the NMD 100 dispenser into the ATM.