

**INSTALLATION INSTRUCTIONS FOR INSTALLING A BALLAST ASSEMBLY REPLACEMENT KIT IN A NATIONAL VENDORS®, CROWN LINE®, SERIES CC OR CANDY CUPBOARD MANUAL CANDY MERCHANDISER; CROWN LINE®, CABARET 36 ELECTRIC CIGARETTE MERCHANDISER; OR CROWN LINE®, SERIES OR CABARET 800, SERIES OR CABARET 222, OR SERIES OR CABARET 114AP MANUAL CIGARETTE MERCHANDISER**

These instructions cover the procedure for installing a Ballast Assembly Replacement Kit in a Crown Line, Series CC or Candy Cupboard Manual Candy Merchandiser; Crown Line, Cabaret 36 Electric Cigarette Merchandiser; or Crown Line, Series or Cabaret 800, Series or Cabaret 222, or Series or Cabaret 114AP Manual Cigarette Merchandiser.

Read these instructions carefully and thoroughly before installing the Kit. Retain these instructions for part number and installation information. These instructions apply to eleven different Kits.

1. Kit, Part Number 112-1546, applies only to the Series CC or Candy Cupboard Merchandiser with an ACMR and contains the following parts:

Part Number	Description	Quantity
112-1544	Ballast Assembly	1
9900-046	No. 8-32 x 1/4 RHS S/T Screw	1
9900-033	No. 8 External Tooth Lockwasher	1
9900-153	No. 8 x 3/8 RHS Sheet Metal Screw	2
222-1032	Ballast Speed Nut	2
402-1054	1/2 inch Dot Hole Plug	1
220-1545	Installation Instructions	1
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2. Kit, Part Number 112-1547, applies only to the Series CC or Candy Cupboard Merchandiser with an Electro-Mechanical Changer and contains the following parts:

Part Number	Description	Quantity
112-1545	Changer Ballast Assembly	1
9900-046	No. 8-32 x 1/4 RHS S/T Screw	1
9900-033	No. 8 External Tooth Lockwasher	1
9900-153	No. 8 x 3/8 RHS Sheet Metal Screw	2
222-1032	Ballast Speed Nut	2
402-1054	1/2 Inch Dot Hole Plug	1
220-1545	Installation Instructions	1
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3. Kit, Part Number 220-1544, applies only to the Series or Cabaret 800 Merchandiser with an ACMR and Lift Off Door and contains the following parts:

Part Number	Description	Quantity
2201524	Ballast Assembly Liftoff Door	1
9900046	No.8-32 x 1/4 RHS S/T Screw	5
9900033	No.8 External Tooth Lockwasher	1
4021054	1/2" Dot Hole Plug	1
2201513	Adaptor Plug	1
2201545	Installation Instructions	1

NOTE: Use the Adaptor Plug to join the Cabinet Harness to the Ballast Assembly.

4. Kit, Part Number 220-1546, applies only to the Series or Cabaret 800 Merchandiser with an Electro-Mechanical Changer and Lift Off Door and contains the following parts:

Part Number	Description	Quantity
220-1541	Lift Off Door Changer Ballast Assembly	1
9900-046	No. 8-32 x 1/4 RHS S/T Screw	5
9900-033	No. 8 External Tooth Lockwasher	1
402-1054	1/2 inch Dot Hole Plug	1
220-1545	Installation Instructions	1
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5. Kit, Part Number 220-1547, applies only to the Series or Cabaret 800 or 114AP Merchandiser with an ACMR and Hinged Door and contains the following parts:

Part Number	Description	Quantity
2201523	Ballast Assembly Hinged Door	1
9900046	No.8-32 x 1/4 RHS S/T Screw	5
9900033	No.8 External Tooth Lockwasher	1
4021054	1/2" Dot Hole Plug	1
2201513	Adaptor Plug	1
2201545	Installation Instructions	1

NOTE: Use the Adaptor Plug to join the Cabinet Harness to the Ballast Assembly.

6. Kit, Part Number 220-1548, applies only to the Series or Cabaret 800 Merchandiser with an Electro-Mechanical Changer and Hinged Door and contains the following parts:

Part Number	Description	Quantity
220-1543	Hinged Door Changer Ballast Assembly	1
9900-046	No. 8-32 x 1/4 RHS S/T Screw	5
9900-033	No. 8 External Tooth Lockwasher	1
402-1054	1/2 inch Dot Hole Plug	1
220-1545	Installation Instructions	1
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7. Kit, Part Number 222-1609, applies only to the Series or Cabaret 222 Merchandiser with an ACMR and Lift Off Door and contains the following parts:

Part Number	Description	Quantity
222-1605	Ballast Assembly	1
9900-046	No. 8-32 x 1/4 RHS S/T Screw	5
9900-033	No. 8 External Tooth Lockwasher	1
402-1054	1/2 inch Dot Hole Plug	1
220-1545	Installation Instructions	1
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8. Kit, Part Number 222-1610, applies only to the Series or Cabaret 222 Merchandiser with an Electro-Mechanical Changer and Lift-Off Door and contains the following parts:

Part Number	Description	Quantity
222-1606	Changer Ballast Assembly	1
9900-046	No. 8-32 x 1/4 RHS S/T Screw	5
9900-033	No. 8 External Tooth Lockwasher	1
402-1054	1/2 inch Dot Hole Plug	1
220-1545	Installation Instructions * * *	1

9. Kit, Part Number 222-1611, applies only to the Series or Cabaret 222 Merchandiser with an ACMR and Hinged Door and contains the following parts:

Part Number	Description	Quantity
222-1607	Hinged Door Ballast Assembly	1
9900-046	No. 8-32 x 1/4 RHS S/T Screw	5
9900-033	No. 8 External Tooth Lockwasher	1
402-1054	1/2 inch Dot Hole Plug	1
220-1545	Installation Instructions * * *	1

10. Kit, Part Number 222-1612, applies only to the Series or Cabaret 222 Merchandiser with an Electro-Mechanical Changer and Hinged Door and contains the following parts:

Part Number	Description	Quantity
222-1608	Hinged Door Changer Ballast Assembly	1
9900-046	No. 8-32 x 1/4 RHS S/T Screw	5
9900-033	No. 8 External Tooth Lockwasher	1
402-1054	1/2 inch Dot Hole Plug	1
220-1545	Installation Instructions * * *	1

11. Kit, Part Number 236-2135, applies only to the Cabaret 36 Merchandiser and contains the following parts:

Part Number	Description	Quantity
236-1098	Ballast Harness Assembly	1
9900-187	No. 8-32 x 3/8 RHS S/T Screw	1
9900-033	No. 8 External Tooth Lockwasher	1
9900-118	No. 8 x 3/8 PHS Screw	2
402-1054	1/2 inch Dot Hole Plug	1
220-1545	Installation Instructions * * *	1

## TO INSTALL THE KIT

### WARNING

The Delivery Mechanism is a HEAVY unit and will have to be removed from the Merchandiser. More than one person will be required to remove and install the Delivery Mechanism.

#### A. PARTS REMOVAL

1. Disconnect the Merchandiser Service Cord from the wall receptacle.
2. Unlock and open the Cabinet Door.
3. Remove the merchandise from the Merchandiser.
4. Remove the Delivery Mechanism from the Merchandiser.

#### NOTE

*Because of the many Merchandisers and Kits covered by these instructions, specific procedures cannot be given. However, each replacement Ballast Assembly is a direct replacement of the Ballast Assembly to be replaced with the exception of the Toggle Switch located in the rear of the Merchandiser. The replacement Ballast Assembly does not have a Toggle Switch.*

*Before removing the Ballast Assembly from the Merchandiser, note how the Ballast Assembly is positioned and label the receptacles to which the Ballast Assembly is connected.*

5. Remove the Ballast Assembly and attaching hardware from the Merchandiser.

#### B. INSTALLATION OF THE KIT

1. Install the replacement Ballast Assembly, included in the Kit, in the Merchandiser using the attaching hardware, also included in the Kit.
2. Install the 1/2 inch Dot Hole Plug, included in the Kit, in the Toggle Switch Hole from the rear of the Merchandiser.
3. Install the Delivery Mechanism in the Merchandiser.
4. Reload the merchandise in the Merchandiser.
5. Close and lock the Cabinet Door.
6. Connect the Merchandiser Service Cord to the properly polarized wall receptacle. The Display Lights should light.