



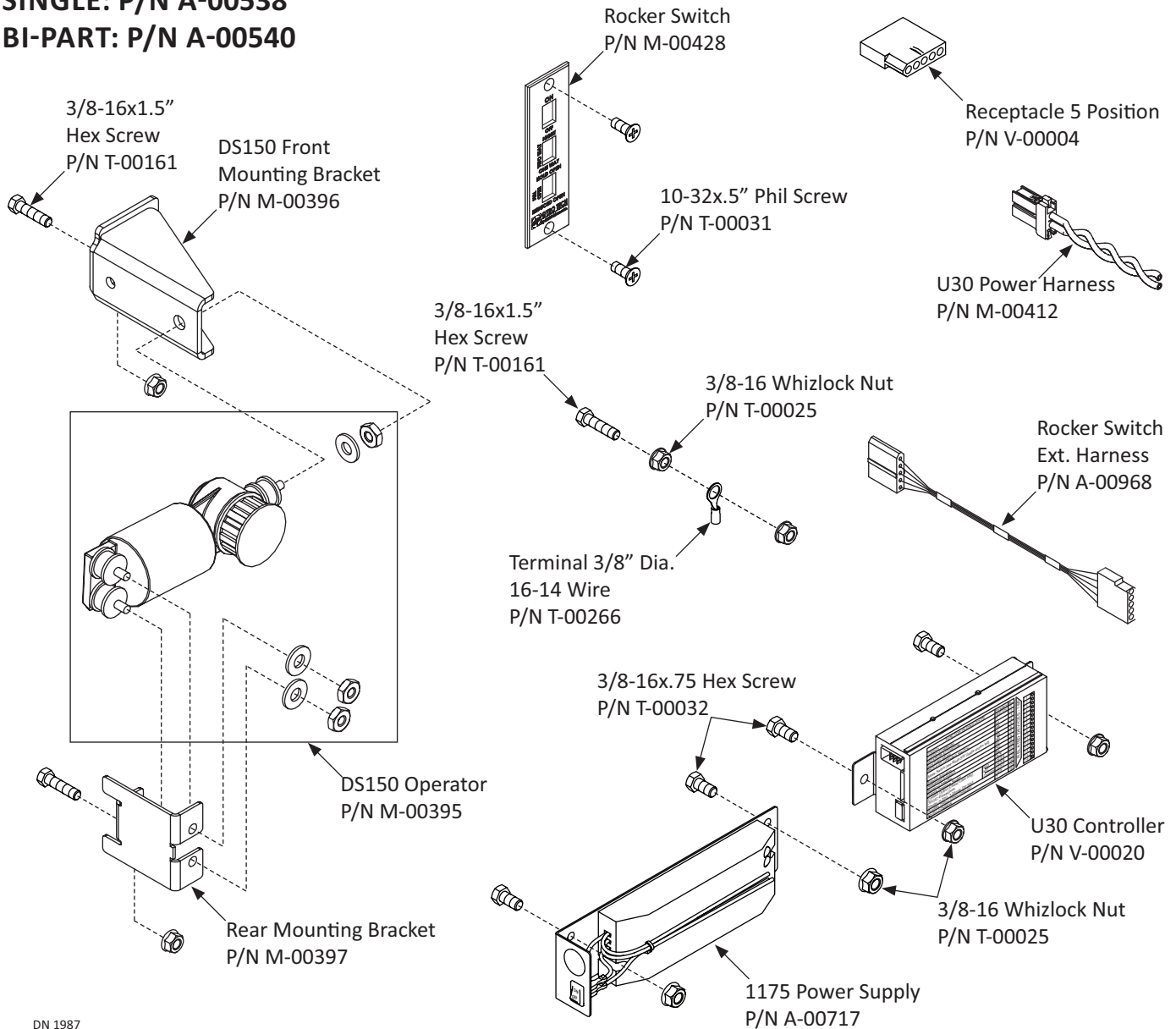
GT1175 DS150 Retrofit Kit

Instruction Sheet

P/N C-00342 Rev 3-22-18

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 NABCO hours of Operation: Monday to Friday 8:00 a.m.- 4:30 p.m. (Central Time)

SERVICE PARTS: KIT SINGLE: P/N A-00538 BI-PART: P/N A-00540



DN 1987

CHAPTER 1: REMOVE EXISTING COMPONENTS

1. Go inside the Header. Locate which side the existing Controller, Operator, and Power Supply are installed.
2. Approximately (5) inches from the End Cap, drill (1) 3/4 inch hole in the Nut Chase.
3. Remove the existing Controller, Operator, and Power Supply. Slide out all unused Hex Screws from the Nut Chase through the 3/4 inch hole.

CHAPTER 2: INSTALL THE RETROFIT COMPONENTS

Depending upon width of Slide door, Components within the Header are layed out in (1 of 3) different configurations to ensure proper operation of the Drive Belt. No matter the configuration, the Power Supply must never be installed between the U30 Microprocessor Control and the Operator.

1. Determine the location of the Ground Screw depending upon the selected configuration shown in SECTION 2.1.
2. Insert (1) 3/8-16 x 1-1/2 inch Hex Screw into the Nut Chase at the appropriate time. Once inserted:
 1. Secure the 3/8-16 x 1-1/2 inch Hex Screw (used for a Ground screw) to the Nut Chase with (1) Whizlock Nut. Tighten.
 2. Slide (1) 3/8" Diameter Wire Terminal and the (2nd) Whizlock Nut onto the end of the Hex Screw. Tighten.

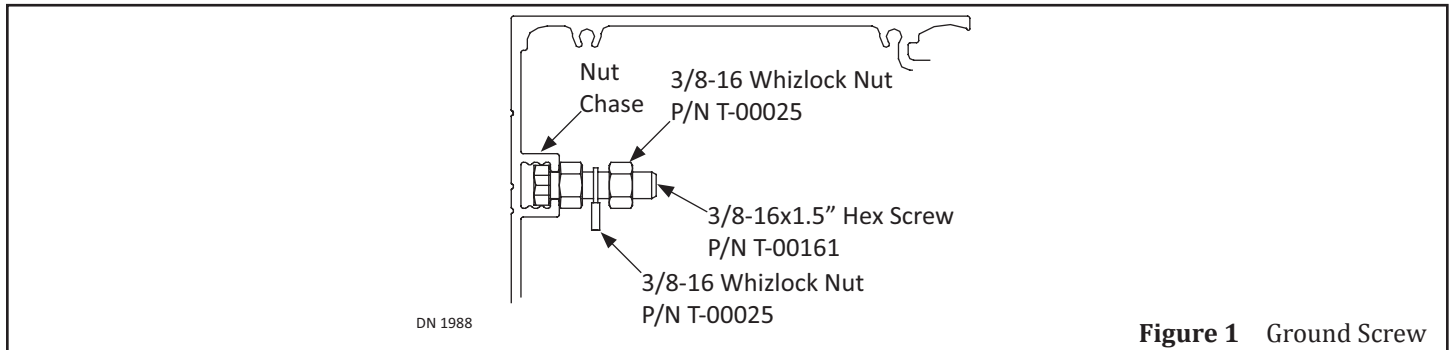
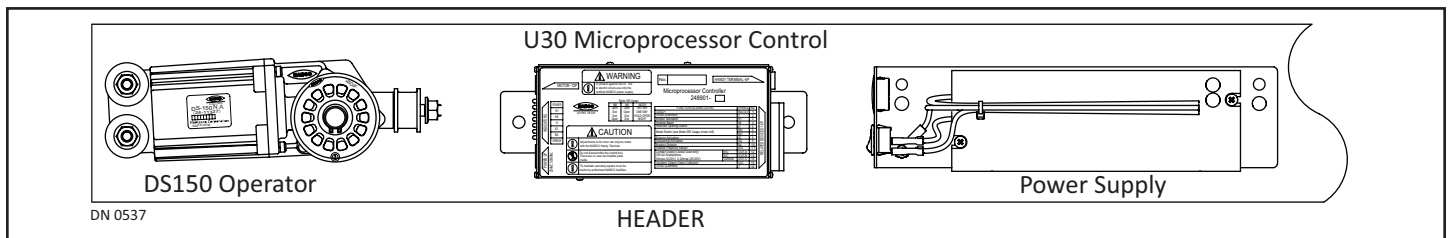


Figure 1 Ground Screw

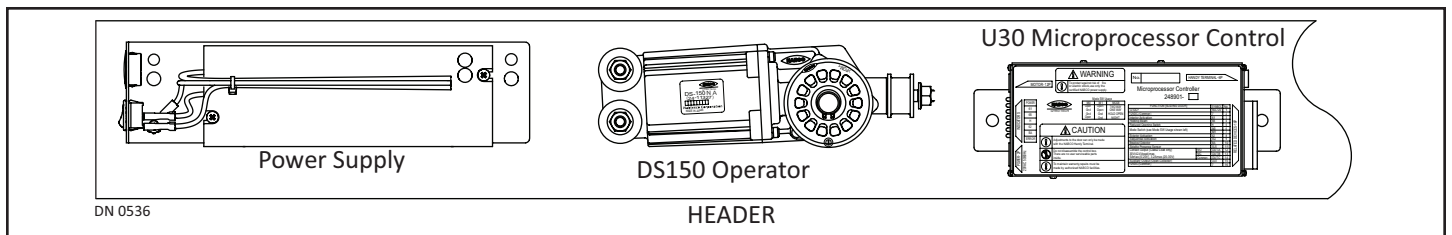
3. Insert (4) 3/8-16 x 3/4 inch Hex Screws and (2) 3/8-16 x 1-1/2 inch Hex Screws through the 3/4 inch hole, in order of the selected configuration shown in SECTION 2.1.
4. Slide each Component onto the Hex Screws. Secure with Whizlock Nuts.

SECTION 2.1 Retrofit Component Configurations

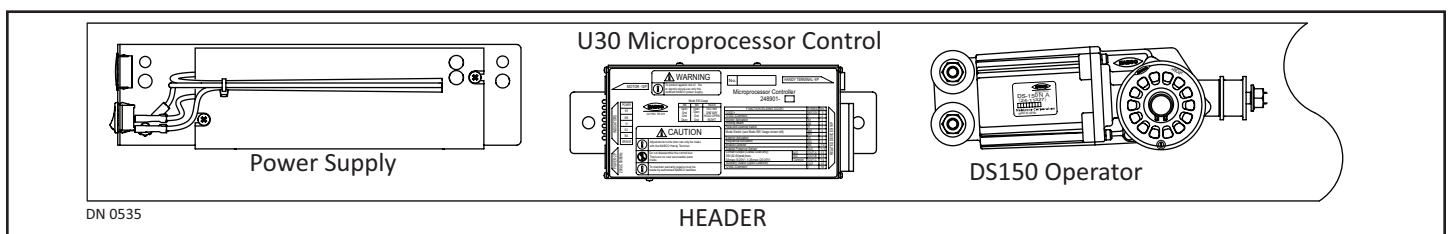
Header Width is not wide (Minimum door width is 32-13/16 inches). Install the DS150 Operator to the left of the U30 Control.



Header Width is wide. Install the DS150 Operator between the Power Supply and the U30 Control.

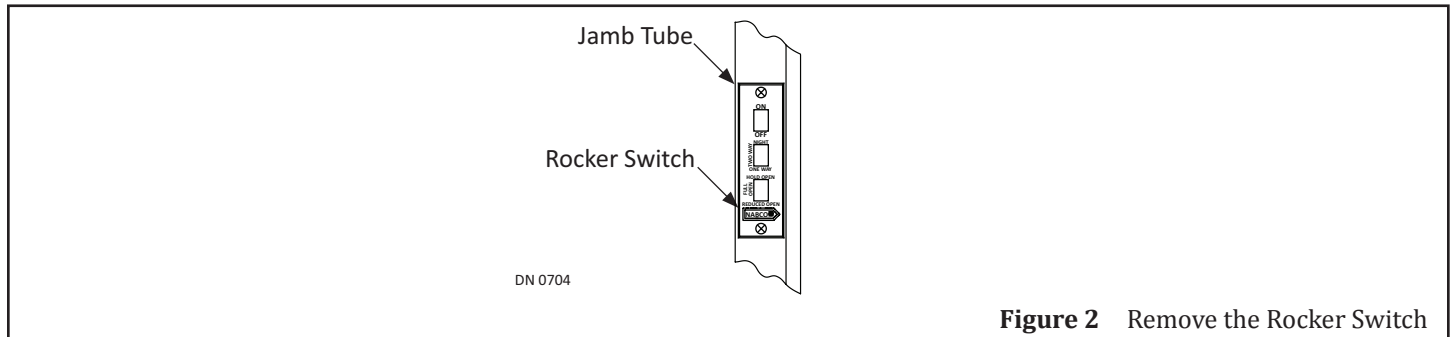


Header Width is wider. Install the DS150 Operator to the right of the Power Supply and the U30 Control.

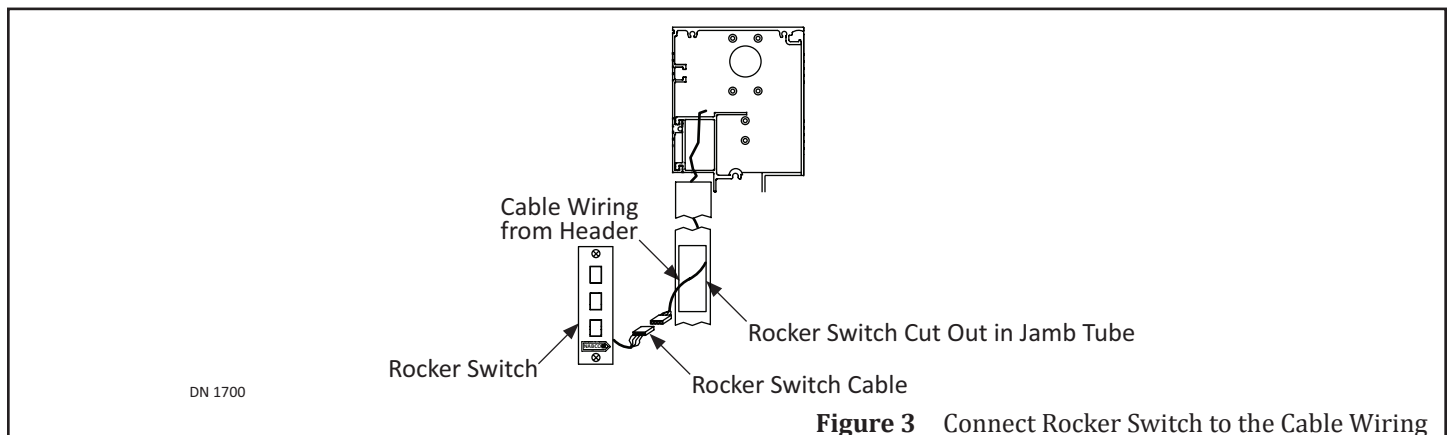


CHAPTER 3: WIRE THE ROCKING SWITCH

1. Remove the Rocker Switch and screws from the Jamb Tube.



2. There is approximately (2) feet of Cable Wiring connected to the Main Harness inside the Header. Withdraw the Cable Wiring through a hole at the bottom Lip of Header. Continue to route the Cable Wiring through the top of Jamb Tube, then down to where the Rocker Switch was removed.
3. Pull the Cable Wiring through the cut out. Connect the Cable Wiring to the Rocker Switch Harness.
4. Secure the Rocker Switch to the Jamb Tube with (2) (2) 10-32 x 1/2 inch Phil screws.



CHAPTER 4: 120 VAC GENERAL WIRING

WARNING

Shut the installation site, branch Circuit Breaker OFF. Failure to do so may result in serious personal or fatal injury. When uncertain whether power supply is disconnected, always verify using a voltmeter.

WARNING

All high voltage electrical connections must be made by licensed electricians according to National and Local electrical codes/regulations.

CAUTION

Permanent wiring shall be employed as required by local codes.

CAUTION

Keep all Incoming 120 VAC wiring separate from low voltage wiring within Header. 120 VAC Power wires must be routed (separate from other wiring) located near the top of inside Header.

CAUTION

Ensure that the Grounding of the Electric Power Supply is installed/connected in a proper way (especially the PE Cable from the Building Side).

Attention: Insert all Incoming 120 VAC Power wires into the pre drilled Electric Service Access Hole located at the left or right side of Header End Cap.

Attention: Electrical circuit to Nabco operator must not be not shared with other equipment such as lighting, cash registers, or any device that might cause electrical interference on the circuit.

Attention: Any non-factory low voltage wiring added inside the Header must be Type CL2 wire or the equivalent in accordance with Article 725 of the NEC.

Note: It is recommended for the Installer to house all Incoming 120 VAC wires within an Electrical Conduit.

1. Ensure Rocker Switch options are set as follows: ON and OFF only.

