

# Cup Companion

## Touchless Dry Condiment Dispenser

### Operation Instruction Manual

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REV:10/26/2020  
PN: 782042



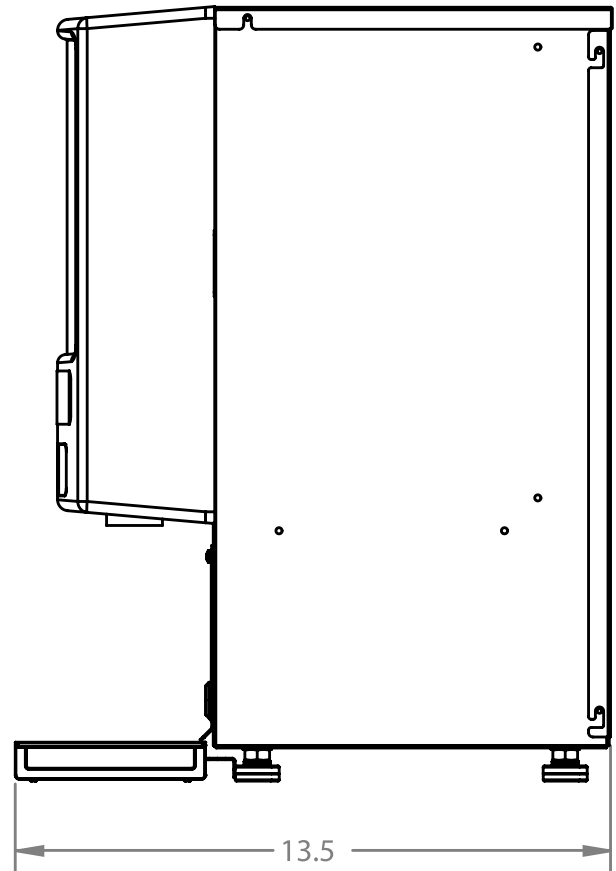
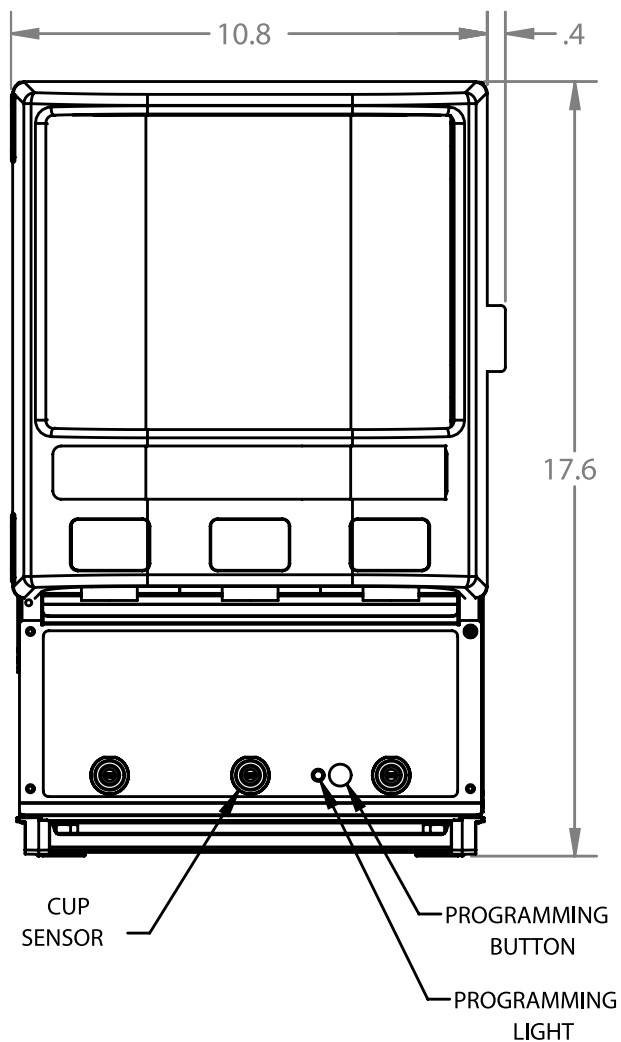
# Newco Product Warranty

**Applies to all equipment manufactured after 2/1/2017. This warranty supersedes all other previous warranties that are currently in manuals.**

- **Newco warrants equipment manufactured by it for 1 year parts and labor.**
- **Accessories and Dispensers 1 Year parts only.**
- **Electronic Circuit and Control Boards- 3 years parts, 1 year labor.**
- **Equipment manufactured by others and distributed by Newco- please see original equipment manufacturers warranty, Newco will follow.**

These warranty periods run from the date of sale Newco warrants that the equipment manufactured by it will be commercially free of defects in material and workmanship existing at the time of manufacture and appearing within the applicable warranty period. This warranty does not apply to any equipment, component or part that was not manufactured by Newco or that, in Newco's judgment, has been affected by misuse, neglect, alteration, improper installation or operation, relocation or reinstallation, improper maintenance or repair, incorrect voltage applied to the unit at any time, damage or casualty. This warranty does not apply to any equipment failures related to poor water quality, excessive lime and chlorine and non-periodic cleaning and descaling. Warranty is null and void if muriatic or any other form of hydrochloric acid is used for cleaning or deliming. In addition, this warranty does not apply to replacement of items subject to normal use including but not limited to user replaceable parts such as faucet seat cups, sight gauge tubes, washers, o-rings, tubing, seals and gaskets. This warranty is conditioned on the Buyer 1) giving Newco prompt notice of any claim to be made under this warranty by telephone at (800) 556-3926 or by writing to **3650 New Town Blvd, Saint Charles, MO 63301**; 2) if requested by Newco, shipping the defective equipment prepaid to an authorized Newco service location; and 3) receiving prior authorization from Newco that the defective equipment is under warranty. **THE FOREGOING WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF EITHER MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** The agents, dealers or employees of Newco are not authorized to make modifications to this warranty or to make additional warranties that are binding on Newco. Accordingly, statements by such individuals, whether oral or written, do not constitute warranties and should not be relied upon. If Newco determines in its sole discretion that the equipment does not conform to the warranty, Newco, at its exclusive option while the equipment is under warranty, shall either 1) provide at no charge replacement parts and/or labor (during the applicable parts and labor warranty periods specified above) to repair the defective components, provided that this repair is done by a Newco Authorized Service Representative; or 2) shall replace the equipment or refund the purchase price for the equipment. **THE BUYER'S REMEDY AGAINST NEWCO FOR THE BREACH OF ANY OBLIGATION ARISING OUT OF THE SALE OF THIS EQUIPMENT, WHETHER DERIVED FROM WARRANTY OR OTHERWISE, SHALL BE LIMITED, AT NEWCO'S SOLE OPTION AS SPECIFIED HEREIN, TO REPAIR, REPLACEMENT OR REFUND.** In no event shall Newco be liable for any other damage or loss, including, but not limited to, lost profits, lost sales, loss of use of equipment, claims of Buyer's customers, cost of capital, cost of down time, cost of substitute equipment, facilities or services, or any other special, incidental or consequential damages.

# Dimensions & Control Locations



## CAPACITIES

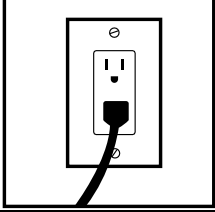
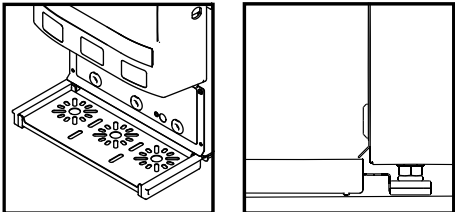
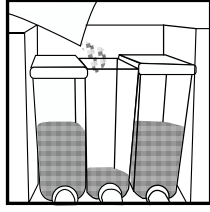
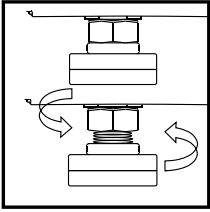
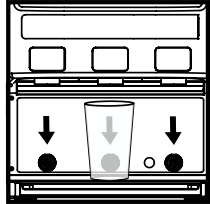
Product canisters hold 2 LBS +, dependent on product. 3 canisters included.

## ELECTRICAL RATING

120 V AC, 3A

# Set-up Instructions

## Set-Up

	<p>The dispenser should be plugged into a 110-120 V AC receptacle.</p>
	<p>Place the drip tray in place beneath the door. The tray should be centered side to side and slid back to contact dispenser/dispenser legs.</p>
	<p>Fill the hoppers with the proper type of product. The center hopper is designated for artificial sweetener. Due to the concentrated nature of this type of product, the hopper utilizes a smaller diameter spring and has a smaller pitch and hopper outlet diameter. Ensure hopper placement corresponds with door labeling.</p>
	<p>The standard appliance feet on the unit are suitable for most applications. Feet and legs have some adjustability. 4-inch adjustable legs are available for applications with tall cups.</p>
	<p>Note the cup must set in front of the sensor during dispensing for proper operation.</p> <p><i>Note: If using short cups with tall legs installed, it may be necessary to hold cup in front of dispenser to receive dose.</i></p>

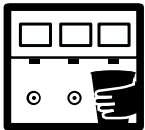



# Operating Instructions

## Overview

The dry condiment dispenser is designed for touchless dispensing of sugar, creamer, dry milk, sugar free sweeteners, etc. The dispenser uses a portion control dispense method as there are no buttons to press. A cup sensor is present at each dispense station and will detect the presence of a cup or other object. When a cup is detected, a serving of product will immediately be dispensed. The volume is determined by the amount of time the auger motor turns for each product. Additional doses may be obtained by removing and replacing cup. The dispenser will allow only one product to be dispensed at a time.

## Operating Instructions

The powder dispenser will dispense product immediately when a cup is placed in front of the cup sensor. To dispense:

	<b>Choose desired product</b>
	<b>Place cup on the drip tray below the product and in front of the cup sensor.</b>
	<b>The dispenser will dispense a single product serving, according to its programming.</b>
	<b>If additional serving is desired, simply remove cup and replace as above.</b>

# Program Settings

The auger motor run time is programmable in 1/10 second intervals. The product setting table below will provide guidelines for the time settings to achieve the noted gram throw for the products indicated. Other products, or other serving sizes, may require trial and error to determine the best setting. Ensure that the hopper to be programmed is in place and has sufficient fresh product installed. Prime hopper nozzle if necessary. Remove any cups from below the hoppers

To test dispense, use an accurate scale and run several cycles to obtain the average dispense weight. Small fluctuations are normal from cycle to cycle

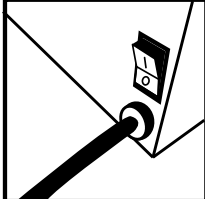
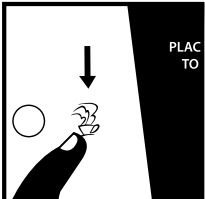
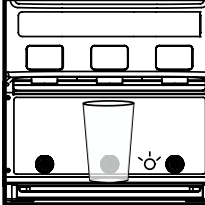
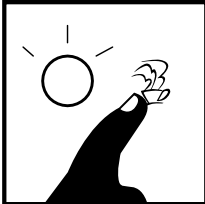
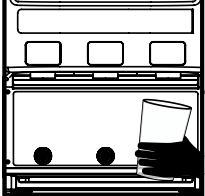
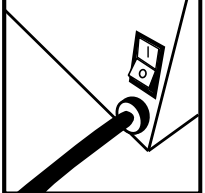
## Default Programmed Settings

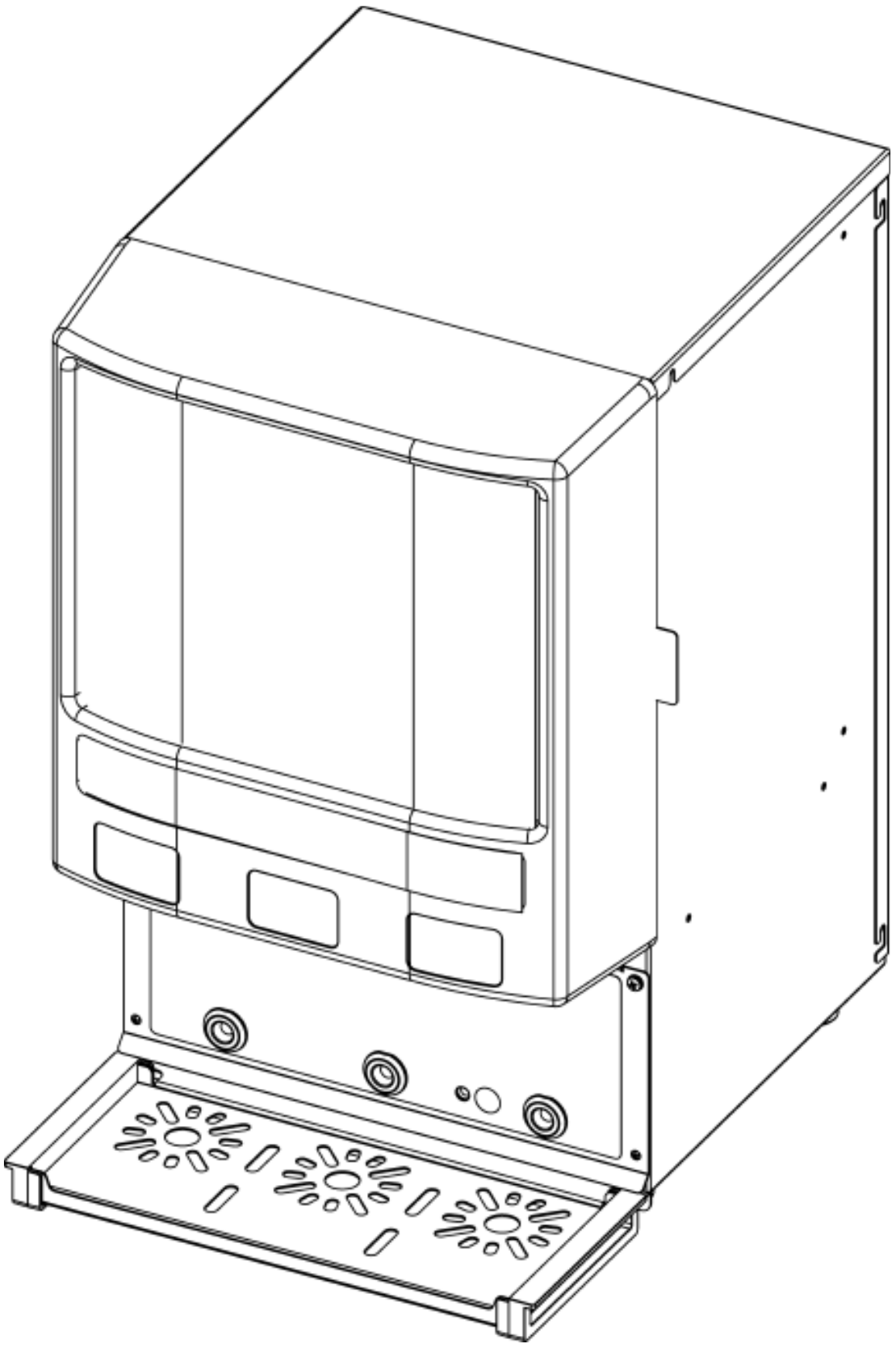
Product	Dispense Amount	Programming Blinks	Dispense Time
<b>Creamer/Milk</b>	5 grams	12	1.2 seconds
<b>Artificial Sweetener</b>	2 grams	8	0.8 seconds
<b>Sugar</b>	8 grams	12	1.2 seconds

Values shown above may vary based on actual product used. Adjust settings to taste as directed in the programming section.

# Programming Instructions

## To Program:

	<p>Turn off power switch on rear of dispenser.</p>
	<p>Hold the program button (the small Newco cup near the right cup sensor) and turn the back power switch on. Continue holding the program button for 3 seconds until the blue light next to it comes on indicating that the unit is in program mode.</p>
	<p>Select a hopper to program. <i>Note: no product is dispensed during programming.</i></p> <p>Set a cup in place below the hopper outlet and in front of the cup sensor while observing the program light.</p> <p>The light will blink the number of times corresponding to the number of 1/10ths of a second that it is programmed for. 10 blinks = 1 second.</p>
	<p>Change the time by pressing the program button and counting the blinks to get to the desired dispense time. For example, to program 2 seconds of dispense run time, press the program button 20 times.</p>
	<p>Remove and replace cup and count the blinks to confirm your setting.</p> <p>Repeat the steps for any other hoppers to be programmed.</p>
	<p>To return to normal operation mode, simply turn the power switch on the back to the off position and then back on. The programming light will be out, indicating the unit is in normal operation mode.</p>

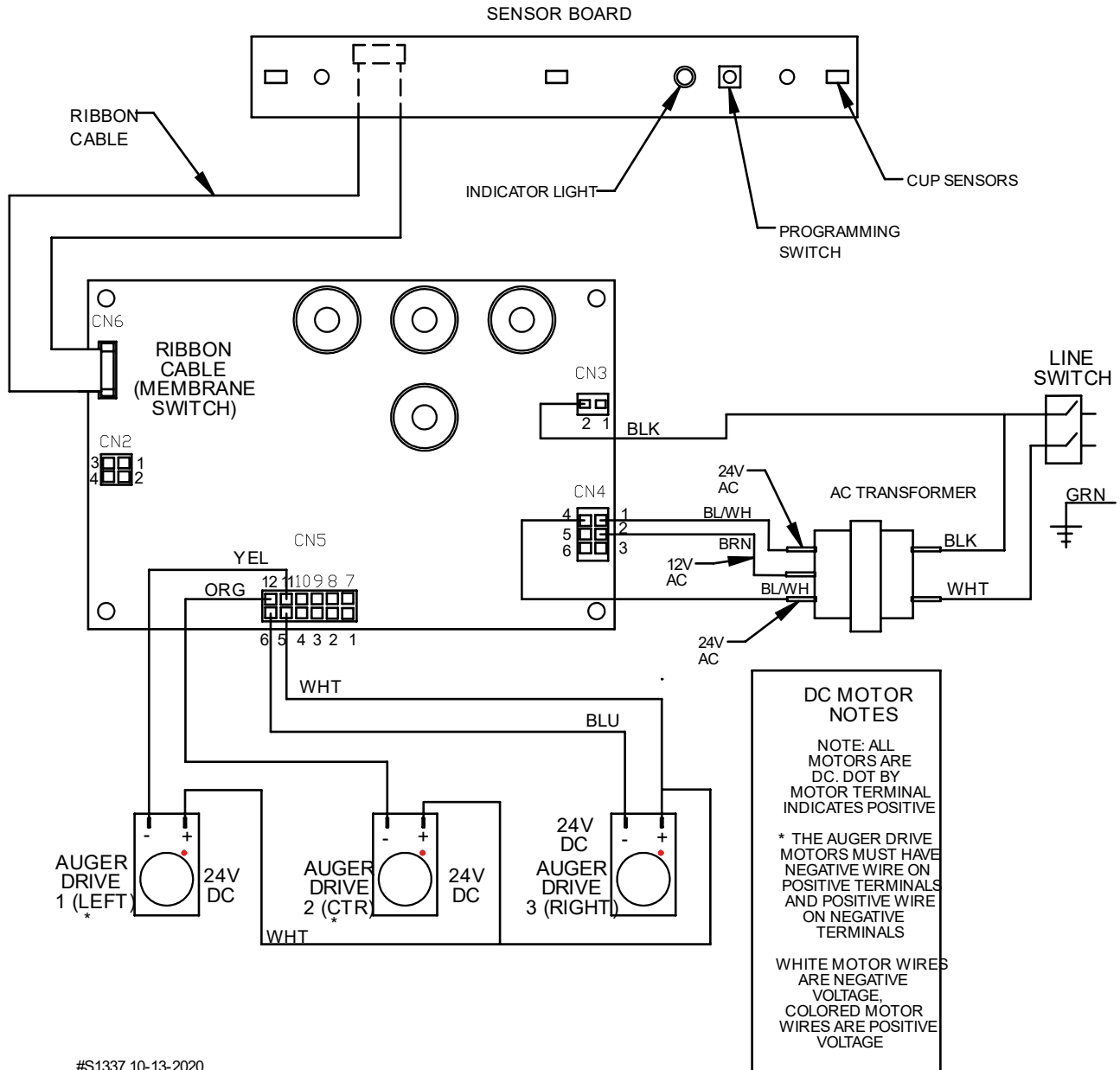




# Spare Parts List

Part Number	Description
105115	TRANSFORMER, 120VP,24VCT 40VA S
782030	BOARD, SENSOR, NO TOUCH DISP
782033	BOARD ASYY, MAIN, NO TOUCH DISP
781587	MOTOR, AUGER, 90RPM, 24VDC
110626	SWITCH, DP/ST, ROCKER
781864	HOPPER, ASSY, 3LB, REVERSED
782047	HOPPER ASSY, ARTIFICIAL SWEETNER
781833	ELBOW, DISP SPOUT, HOPPER
782050	DRIP TRAY ASY, 10.06*4.1, DRY COND
111377	FOOT, APPLIANCE, 3/8-16 X 1
111667	NUT, 3/8-16 JAM, ZPS (USE W/FOOT)
100542	LEG, APPLIANCE, 4" ADJUSTABLE

# Wiring Diagram



#S1337 10-13-2020

# Notes