

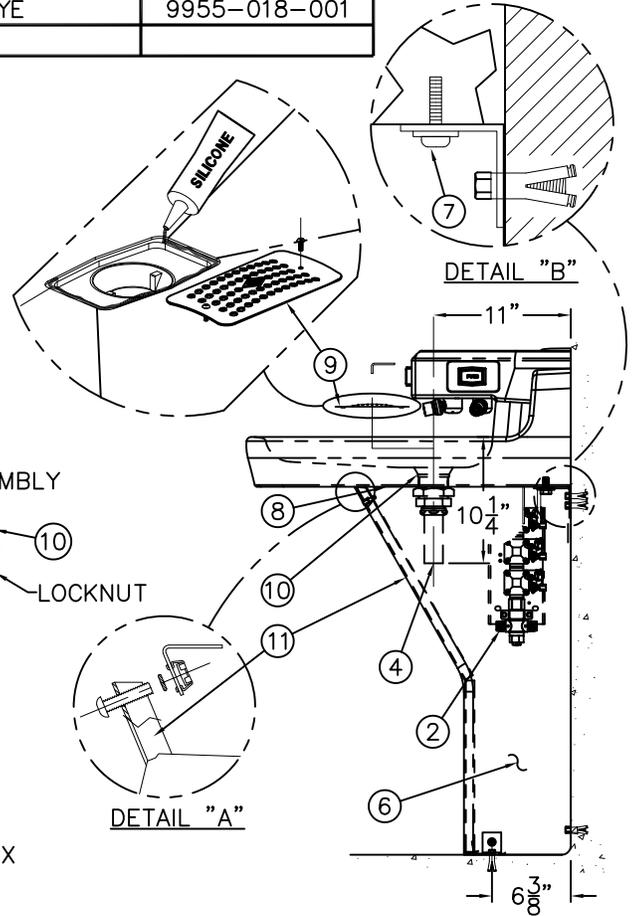
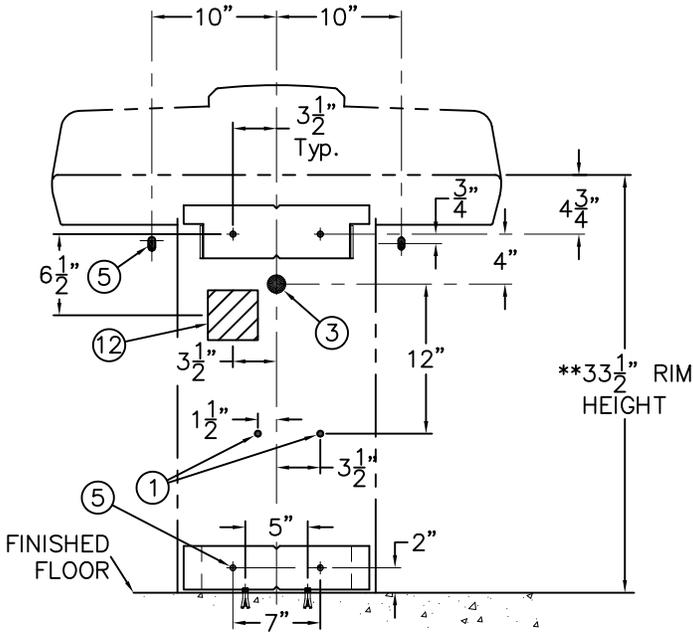


REFERENCE DRAWINGS

PEDESTAL ASSEMBLY	9912-505-001	MULTI-PURPOSE WRENCH	9951-000-001
MXTP VALVE TEMP ADJUST	9912-252-002	PUSHBUTTON ASSEMBLY	9957-301-001
(-SO) (9VAC)	9955-019-002	24VAC SENSOR EYE	9955-017-001
(-SO) (24VAC)	9955-015-002	9VDC SENSOR EYE	9955-018-001
SPRAY NOZZLES	9971-010-002		

PRODUCT ROUGH-IN AND INSTALLATION REQUIRES THE FOLLOWING MATERIALS, NOT SUPPLIED BY ACORN ENGINEERING COMPANY.

- 3/4" NPT SUPPLIES TO VALVE ASSEMBLY (1/2" NPT INLETS)
- 1-1/2" P-TRAP, DRAIN LINE AND WASTE FITTINGS
- SUITABLE FLOOR AND WALL ANCHORS FOR FIXTURE MOUNTING



ROUGH-IN FOR THE FOLLOWING:

- HOT & COLD SUPPLIES (1) FOR MIXING VALVE WITH 1/2" NPT VALVE INLETS (2).
- BASIN WASTE (3): 1-1/2" O.D. TAILPIECE (4) FOR P-TRAP ASSEMBLY BY OTHERS.
- FIXTURE WALL ANCHORING (5): Ø1/2" PUNCHING FOR INSTALLER PROVIDED WALL AND FLOOR ANCHORS AND ANCHORING HARDWARE.

- A- INSTALL PEDESTAL (6) PER #9912-505-001.
- B- INSTALL WALL ANGLE BRACKETS (7) ON BOWL USING 1/2-13 UNC BOLTS AND WASHERS PROVIDED SEE DETAIL "B".
- C- APPLY A BEAD OF SILICONE ADHESIVE TO THE TOP OF PEDESTAL SIDE PANELS (8), AND SLIDE BASIN ONTO ALIGNMENT PINS ON WALL PLATE.
- D- ANCHOR FIXTURE TO WALL AND FLOOR USING INSTALLER PROVIDED ANCHORING HARDWARE SEE DETAIL "B".
- E- REMOVE STRAINER (9) AND INSTALL DRAIN SPUD ASSEMBLY (10) TO BOWL USING PLUMBERS PUTTY AND THREAD LOCKNUT ONTO SPUD.

- F- MAKE UP INSTALLER PROVIDED WASTE CONNECTIONS TO TAILPIECE (4) PROVIDED.
- G- FLUSH SUPPLY LINES PRIOR TO MAKING UP CONNECTIONS TO 1/2" NPT VALVE INLET (2) CONNECTIONS.
- H- ADJUST MIXING VALVE TO DESIRED TEMPERATURE. REFER TO DRAWING 9912-252-001.
- I- SET TIMING CYCLE ON METERING VALVES; SEE DRAWING 9955-000-003 FOR DETAILS AND INSTRUCTIONS.
- J- INSTALL PEDESTAL ACCESS COVER (11) SEE DETAIL "A".

NOTE:

- UNITS WITH OPTIONAL RIM HEIGHTS OTHER THAN STANDARD SUBTRACT DIFFERENCE FROM ALL VERTICAL DIMENSIONS INDICATED **.
- OPTIONAL -SO SENSOR OPERATION: SUPPLY 120VAC, 60 HZ, 3A MAX POWER TO FACTORY INSTALLED TRANSFORMER WITH JUNCTION BOX. LOCATE ELECTRICAL STUB OUT WITHIN SHADED ROUGH-IN AREA (12).
- TRANSFORMER MUST BE WIRED ONTO A GFI PROTECTED CIRCUIT. FIXTURE MUST BE EARTH GROUNDED PER N.E.C. (NATIONAL ELECTRICAL CODE).



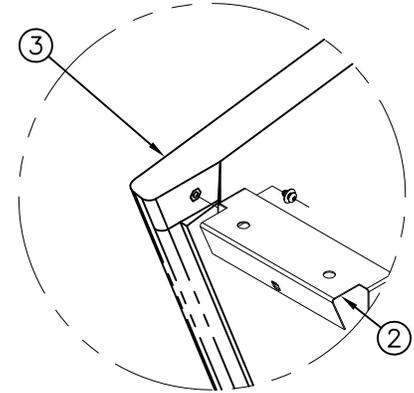
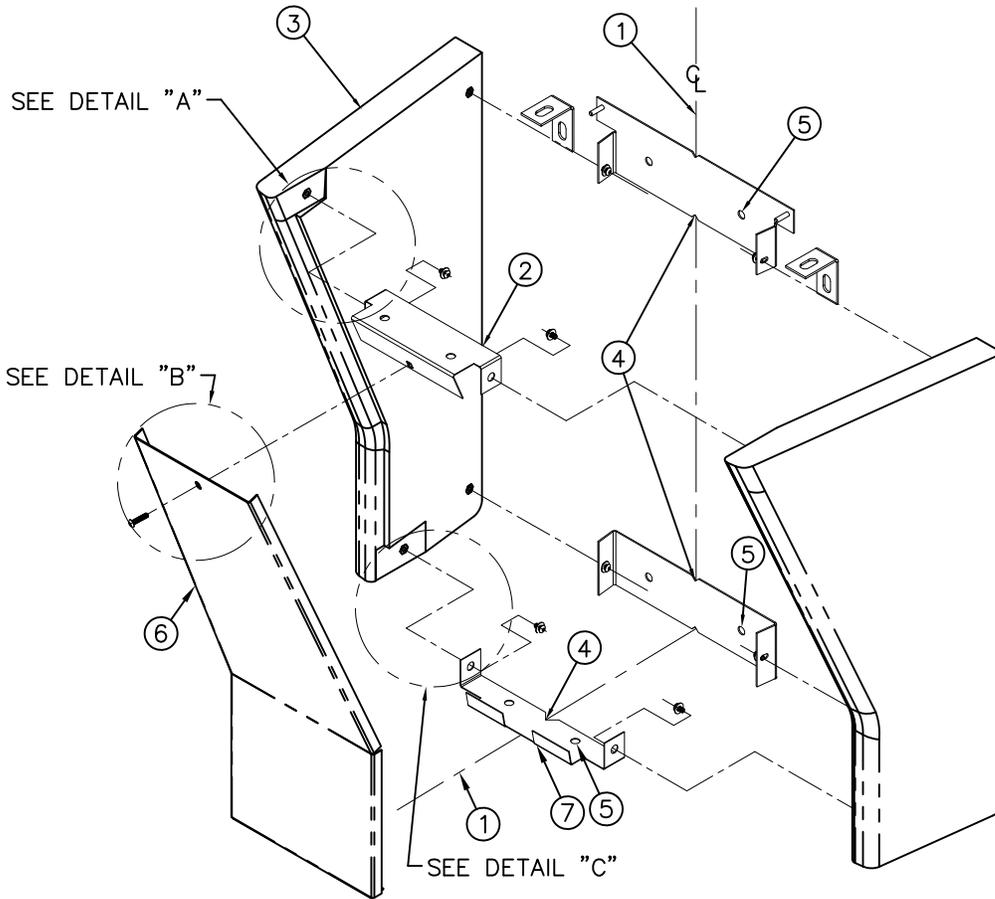
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15125 Proctor Ave Industry, CA 91746
(626) 336-4561 FAX (626) 961-2200

TERRAZZO-LAV ROUGH-INS & BOWL ASSEMBLY 3603

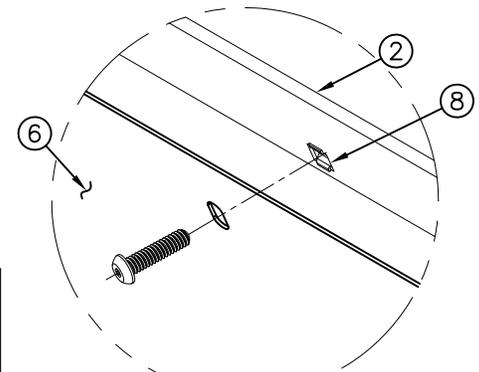
MANUFACTURE DATE	DATE ISSUED	DRAWING NUMBER
MARCH 2013	03/04/13	9912-500-003
TO PRESENT	DATE REVISED	
	03/25/14 A	



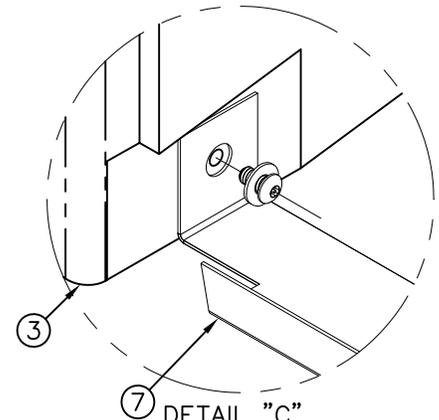
REFERENCE DRAWINGS	
DESCRIPTION	DRAWING
ROUGH-INS & BOWL ASSY 3 STATION	9912-500-003
ROUGH-INS & BOWL ASSY 4 STATION	9912-510-003
HARDWARE	9975-501-002



DETAIL "A"



DETAIL "B"



DETAIL "C"

INSTALLATION INSTRUCTIONS:

- A-STRIKE A VERTICAL CHALK LINE ON WALL TO INDICATE VERTICAL CENTERLINE (1) OF FIXTURE.
- B-ASSEMBLE ALL CHANNELS (2) TO PRECAST LEGS (3) AS SHOWN WITH HARDWARE PROVIDED.
- C-PLACE ASSEMBLED PEDESTAL AGAINST WALL ALIGNING NOTCHES (4) WITH VERTICAL CHALK LINE AND LOCATE WALL AND FLOOR ANCHOR LOCATIONS FOR $\phi 1/2$ " CHANNEL PUNCHING (5) PROVIDED. ANCHORS AND ANCHORING HARDWARE PROVIDED BY INSTALLER.

- D-INSTALL FRONT PANEL (6) TO FRONT CHANNEL ALIGNING FLANGES (7) IN SLOT ON PANEL AND SCREWING TOGETHER AT TOP CHANNEL NUT (8) SEE DETAIL "B".
- E-FOR ADDITIONAL INSTALLATION INFORMATION SEE DRAWING LISTED ABOVE.

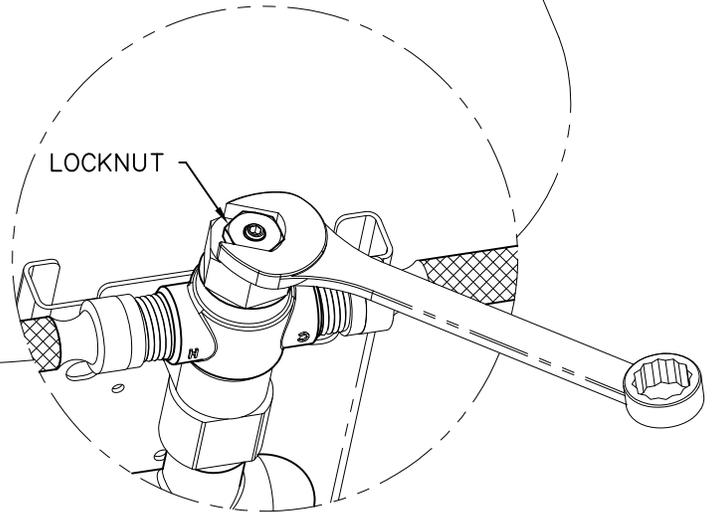
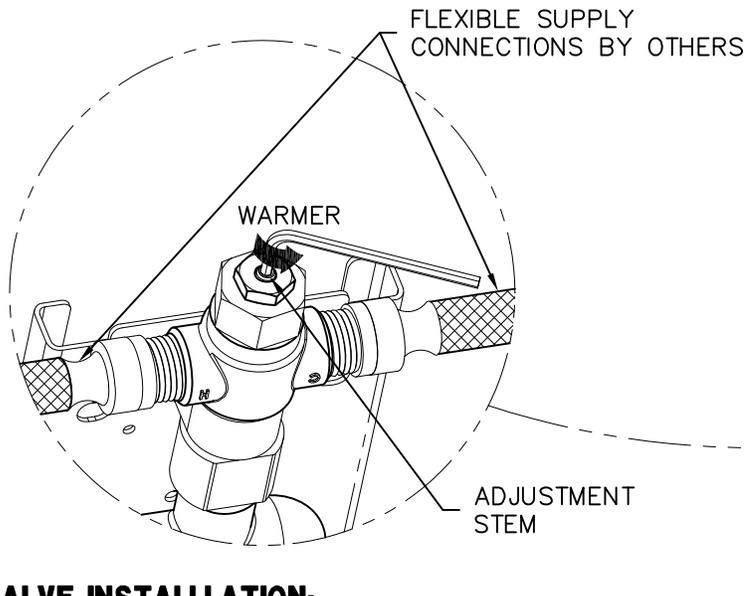
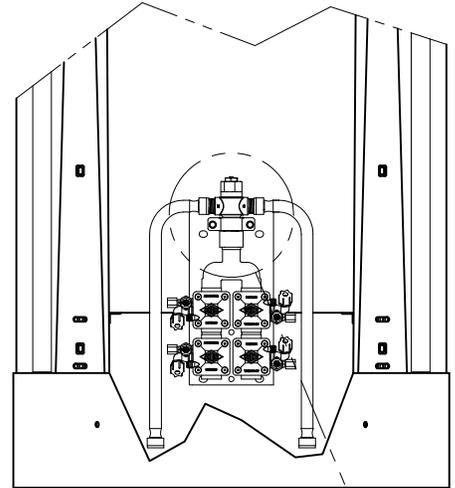


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TITLE TERRAZZO-LAV PEDESTAL ASSEMBLY * 3603 & 3604		
MANUFACTURE DATE JANUARY 1991 TO PRESENT	DATE ISSUED 04/01/92	DRAWING NUMBER 9912-505-001
	DATE REVISED 02/08/13	



REFERENCE DRAWINGS		
REPAIR PARTS		DRAWING
NON-METERING SERVOMOTOR	(-F)	9955-001-003
METERING SERVOMOTOR	(-H)	9955-000-003
AIR-CONTROL VALVE BODY		9975-090-001
CHECKSTOP	(-ST Single Temp. Only)	9956-040-003
SENSOR/SOLENOID	(-SO) (24VAC)	9955-015-002
SENSOR/SOLENOID/PPZ	(-SO) (9VDC)	9955-019-002
HAND BUTTON		9957-300-001
FOOT BUTTON		9957-200-001



VALVE INSTALLATION:

- A- MX-T/P VALVES: AFTER THOROUGHLY FLUSHING SUPPLY LINES, MAKE UP CONNECTIONS TO SUPPLY STUB OUTS AND VALVE INLETS WITH INSTALLER PROVIDED FLEXIBLE HOSE. NOTE: MX-T/P VALVE SUPPLY INLETS ARE 1/2" NPTE.
- B- OPTIONAL -ST (Single Temp): AFTER THOROUGHLY FLUSHING SUPPLY LINE, MAKE UP CONNECTION TO SUPPLY STUB OUT AND VALVE INLET WITH FLEXIBLE HOSE PROVIDED. NOTE: -ST VALVES INCLUDE FLEXIBLE HOSE WITH 1/2" NPSI CONNECTIONS. FLEXIBLE HOSE ENDS WILL ACCOMMODATE 1/2" NPT MALE ADAPTER.
- C- SEE APPROPRIATE SERVOMOTOR REFERENCE DRAWINGS FOR VALVE DETAILS AND TIMING INSTRUCTIONS.

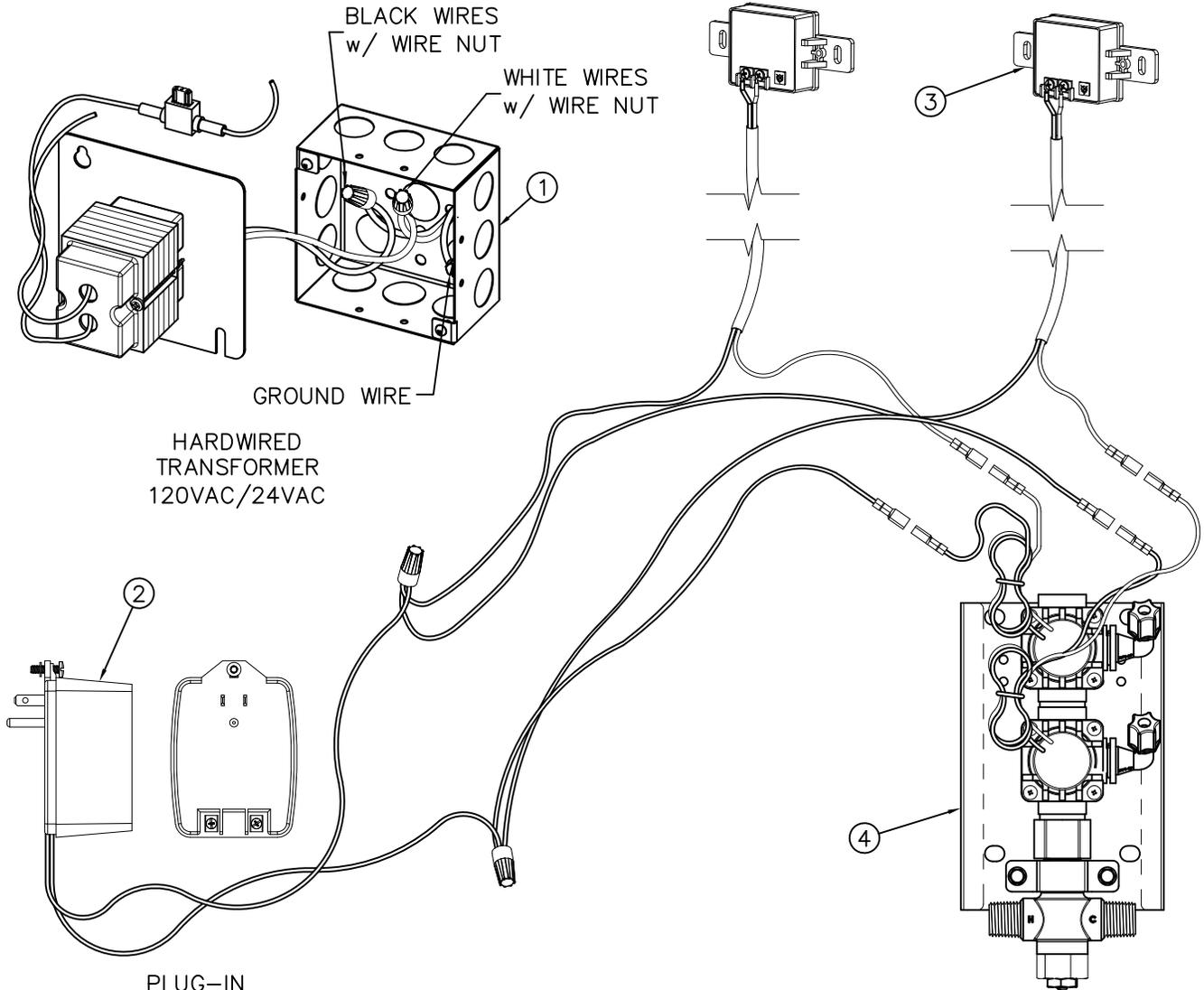
MX T/P TEMPERATURE VALVE ADJUSTMENT

- D- LOOSEN LOCKNUT SHOWN.
- E- TURN ON FIXTURE AND RUN WATER FOR AT LEAST 2 MINUTES. ALLOW WATER TO STABILIZE.
- F- USE AN 1/8" ALLEN WRENCH TO TURN ADJUSTMENT STEM COUNTER-CLOCKWISE FOR WARMER OR CLOCKWISE FOR COOLER OUTLET WATER TEMPERATURE.
- G- TIGHTEN LOCKNUT TO PREVENT ACCIDENTAL OR UNAUTHORIZED TEMPERATURE ADJUSTMENT.
- H- RE-CHECK OUTLET TEMPERATURE.

ACORN ENGINEERING COMPANY P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 336-4561 FAX (626) 961-2200	TITLE VALVE INSTALL & MIXING VALVE ADJUSTMENT		
	MANUFACTURE DATE MARCH 2014 TO PRESENT	DATE ISSUED 03/25/14	DRAWING NUMBER 9912-252-002
	DATE REVISED		



TWO STATION WIRING DIAGRAM SHOWN



REFERENCE DRAWINGS	
24VAC SENSOR ADJUSTMENT	9940-011-001
24VAC SENSOR & HARDWARE	9955-015-002
24VAC SENSOR & MAINTENANCE	9940-010-002

INSTALLATION INSTRUCTIONS:

- A- REFER TO FIXTURE DRAWINGS FOR INSTALLATION & ROUGH-IN INFORMATION.
- B- PROVIDE 120VAC, 60Hz, 3 AMPS MAX, SERVICE TO CONNECT 24VAC, 50VA TRANSFORMER PLATE & J-BOX ①, OR RECEPTACLE FOR PLUG-IN TRANSFORMER ②. SEE NOTE.
- C- CONNECT WIRE SET FROM SENSOR ③ TO SOLENOID VALVE ④ AND TRANSFORMER ①, OR ②. CONNECT TRANSFORMER TO POWER SUPPLY.

- E- COMPLETE INSTALLATION OF FIXTURE PER FACTORY INSTALLATION SHEETS PROVIDED.

NOTE:

- 1- PLUG-IN TRANSFORMER INCLUDES BUILT-IN SECONDARY FUSE. IN THE EVENT OF POWER SURGE TRANSFORMER MAY REQUIRE REPLACEMENT.
- 2- ELECTRICAL RECEPTACLE MUST BE WIRED TO A GFI PROTECTED CIRCUIT. FIXTURE MUST BE EARTH GROUNDED PER N.E.C. (NATIONAL ELECTRICAL CODE).

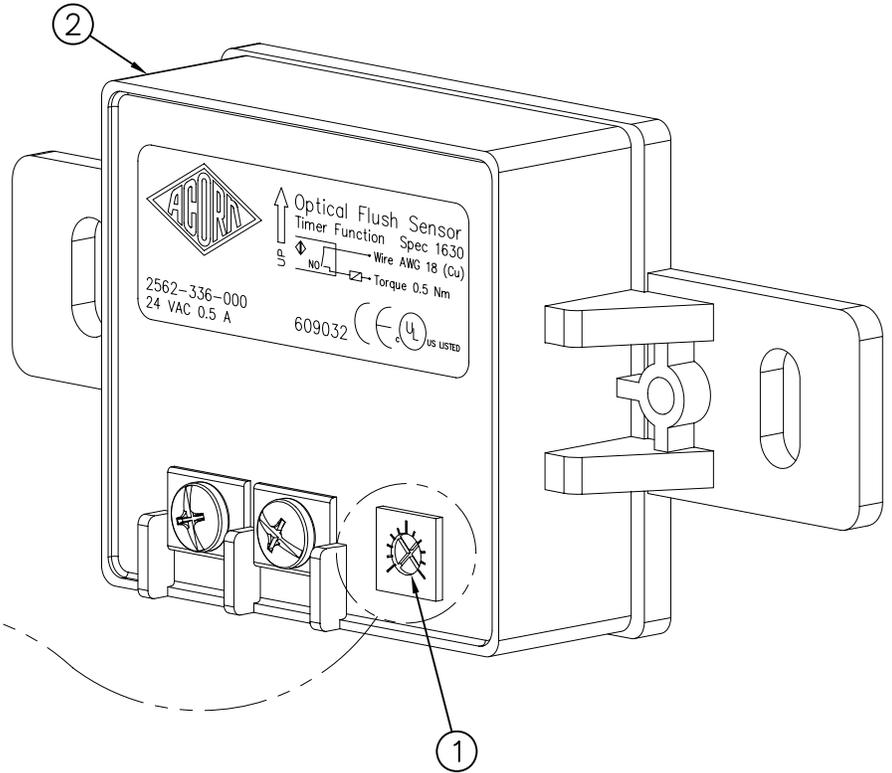


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TITLE 24VAC -SO SENSOR INSTALLATION INSTRUCTIONS		
MANUFACTURE DATE OCTOBER 2010 TO PRESENT	DATE ISSUED 05/10/10	DRAWING NUMBER 9912-531-003
	DATE REVISED 03/28/14 A	

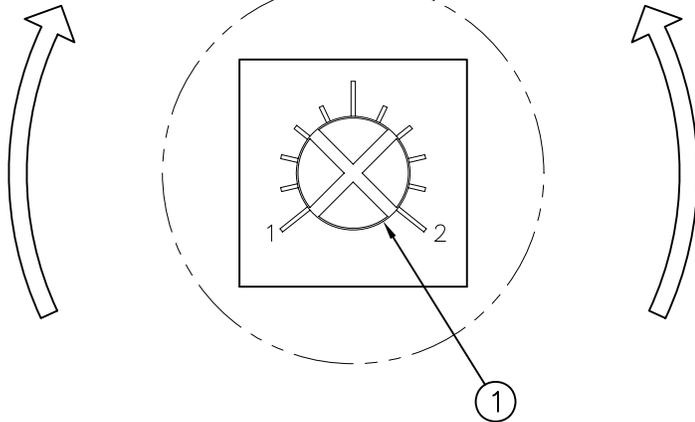


NOTE: RANGE OF MOTION FOR ADJUSTMENT SCREW IS FROM APPROX. 8 O'CLOCK CLOCKWISE TO APPROX. 4 O'CLOCK.



INCREASE

DECREASE



A- USE SMALL JEWELERS CROSS TIP SCREW DRIVER TO ADJUST SENSOR RANGE ① ON BACK OF SENSOR ②.

C- TURN ADJUSTMENT SCREW ① COUNTERCLOCKWISE TO DECREASE SENSOR RANGE.

B- TURN ADJUSTMENT SCREW ① CLOCKWISE TO INCREASE SENSOR RANGE.

D- NOTE: SENSOR RANGE IS FROM 0 TO APPROXIMATELY 24" MAXIMUM.

 ACORN ENGINEERING COMPANY P.O. BOX 3527 INDUSTRY, CA. 91744 (626) 336-4561 FAX (626) 961-2200	TITLE 24VAC SENSOR RANGE ADJUSTMENT		
	MANUFACTURE DATE JUNE 2002 TO PRESENT	DATE ISSUED 02/22/08 <hr/> DATE REVISED 08/10/09	DRAWING NUMBER 9940-011-001



START UP MODE:

The Acorn -SO is a 24VAC sensor and includes a manual range adjustment. Sensor range adjustments may be made using adjustment screw on back of sensor.

The Start Up Mode will take approximately five (5) minutes to complete its full cycle and it is important that no target is present in front of the sensor during this time. A steady red light visible in the center of the oval sensor window indicates the sensor is in Start Up Mode. If the red light is flashing, this indicates that the sensor is picking up a target. Unless this target is a permanent fixture in the sensor's environment (i.e. a wall or stall door) it must be removed from the view of the sensor. If this target is permanent the sensor will attempt to adapt itself around this target. When Start Up Mode is complete the steady red light will go off.

NOTE:

1. If the 24VAC power supply is interrupted for more than fifteen (15) seconds the Start Up Mode will automatically repeat itself when the power is restored.
2. If the indicator light flashes three (3) times quickly, then three (3) times slowly and continues to repeat this sequence, this indicates incorrect wiring or a short in the 24VAC power supply.

NORMAL VALVE FUNCTION:

One second time delay when sensor is activated by user. Time of flow is 30 seconds. To reactivate, the user must move out of and return to the sensing area. When installed in the shower, flow continues indefinitely until user moves from sensing area.

CONDITION:	PROBABLE CAUSE
<p>NO WATER FLOW:</p>	<ol style="list-style-type: none"> 1.1 Stops or main water supply may be closed. 1.2 When using -T/P mixing valve, both supplies must be open to supply adequate water flow. 1.3 Clogged strainer. 1.4 Clogged water diaphragm. 1.5 Loose wiring connections. 1.6 Blown fuse at transformer. 1.7 Circuit breaker shut off.
<p>WATER WON'T SHUT OFF</p>	<ol style="list-style-type: none"> 2.1 Adjacent objects may be triggering the sensor. 2.2 Sensor malfunction.
<p>WATER DRIPS</p>	<ol style="list-style-type: none"> 3.1 Clogged water diaphragm.

MINIMUM / MAXIMUM WATER PRESSURE (PSI) 30 / 125. MAXIMUM WATER TEMPERATURE 130°F.

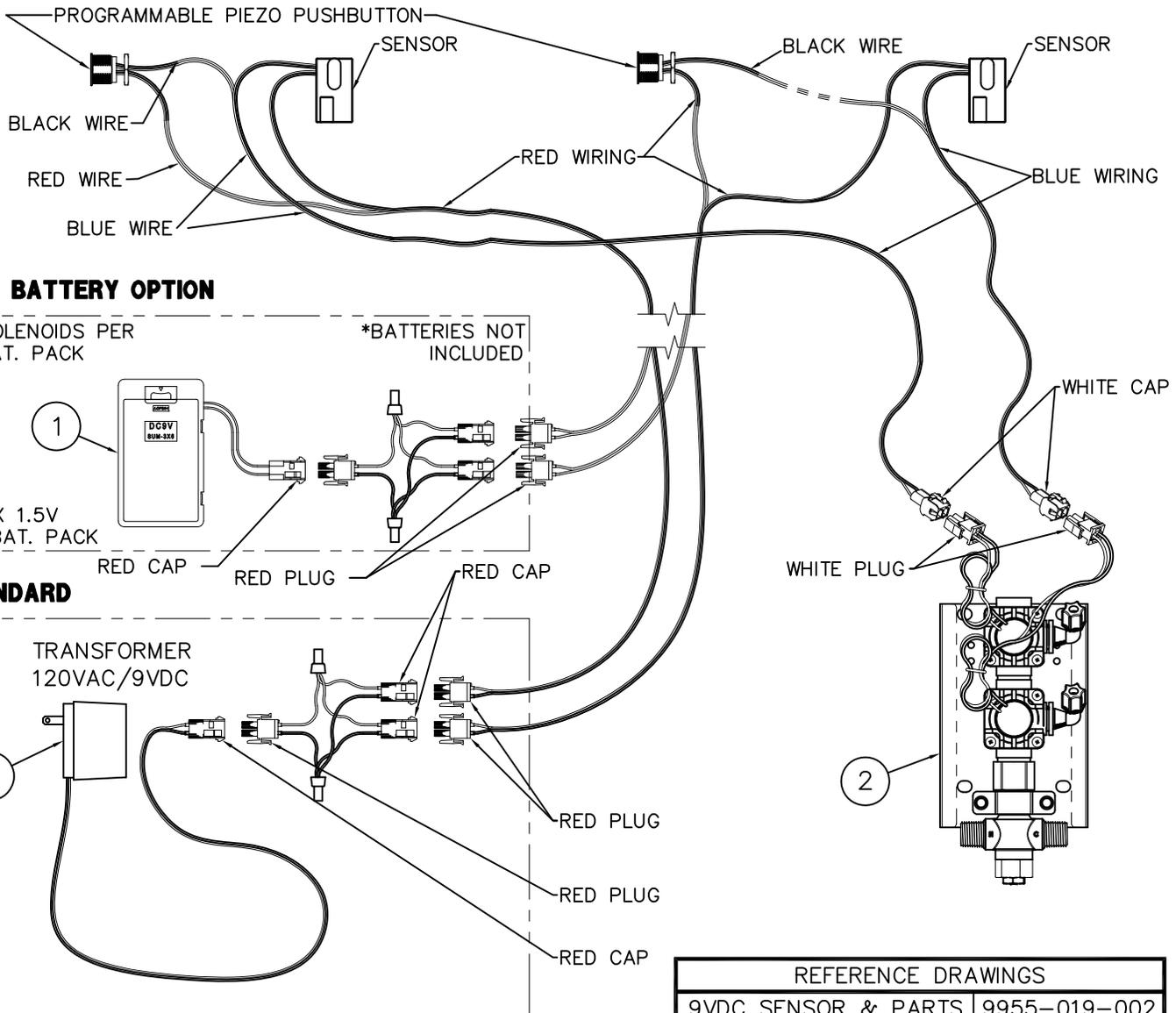
Refer to drawing #9955-016-002 for parts breakdown of items listed above.

Refer to Acorn Operations And Maintenance Manual for installation instructions and repair parts.

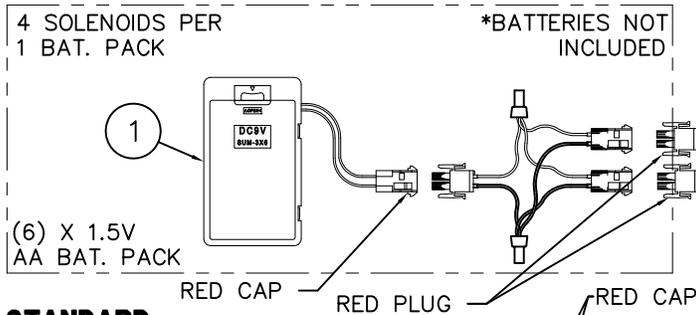
<p>ACORN ENGINEERING COMPANY P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 336-4561 FAX (626) 961-2200</p>	TITLE		
	24VAC -SO SENSOR OPERATED VALVE MAINTENANCE INSTRUCTIONS		
	MANUFACTURE DATE	DATE ISSUED	DRAWING NUMBER
FEBRUARY 2012	02/09/12	9940-010-003	
TO PRESENT	DATE REVISED		



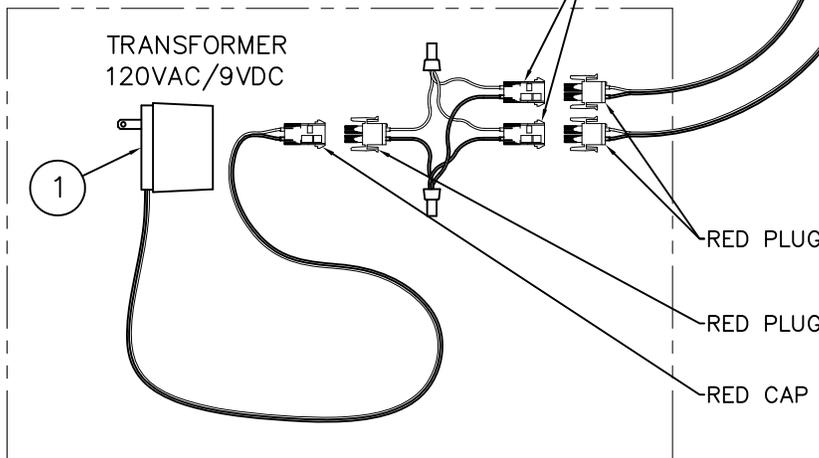
TWO STATION WIRING DIAGRAM SHOWN



-BAT BATTERY OPTION



STANDARD

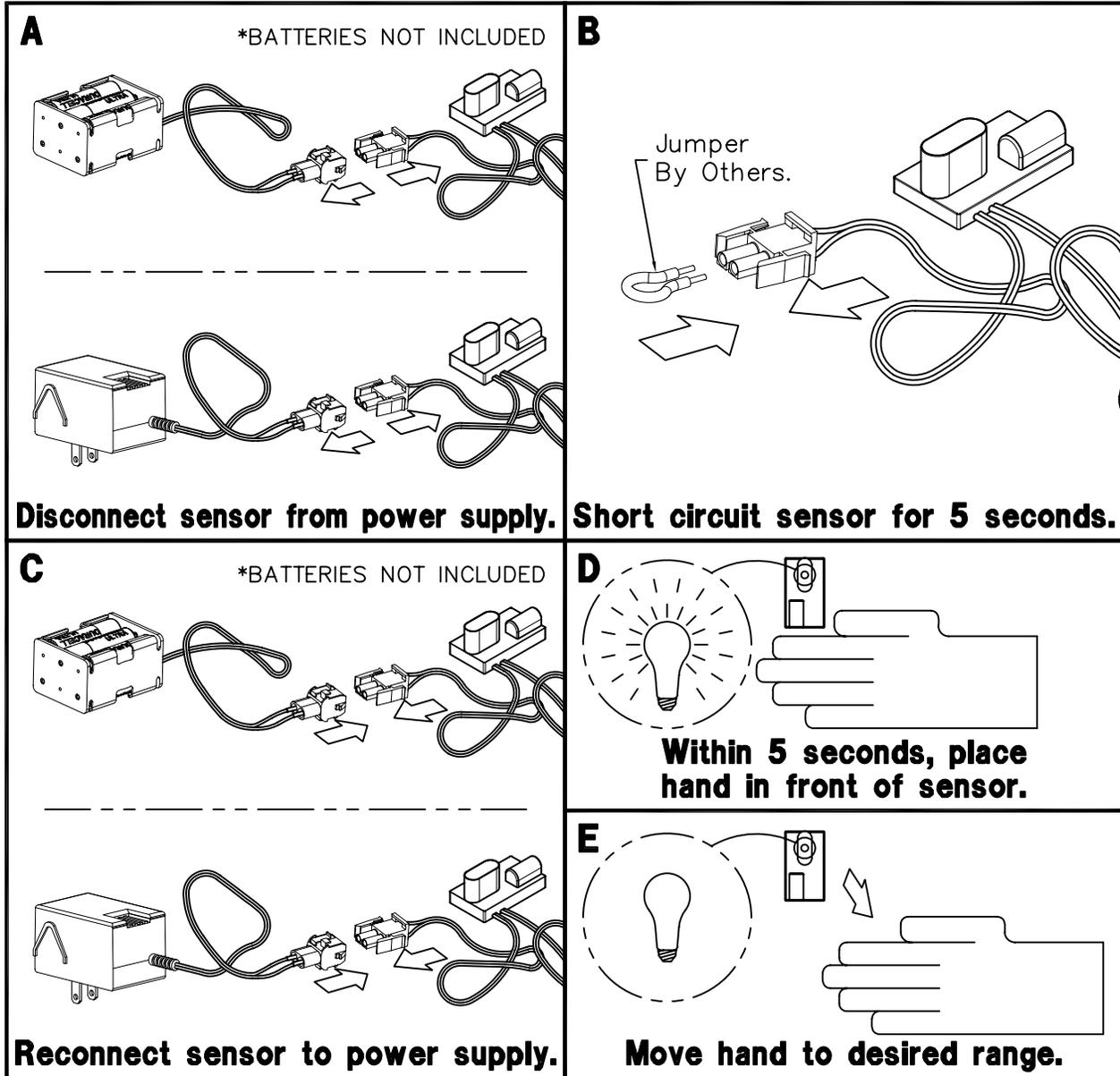


REFERENCE DRAWINGS	
9VDC SENSOR & PARTS	9955-019-002
PIEZO PB PROGRAMMING	9940-009-001

INSTALLATION INSTRUCTIONS:

- A- USING APPROPRIATE INSTALLATION INSTRUCTIONS, MOUNT FIXTURE TO WALL AND MAKE-UP WASTE PIPING CONNECTIONS. SENSOR OR ELECTRONIC PUSHBUTTON ARE FACTORY INSTALLED. POWER SUPPLY ① AND VALVE ② SHIPPED LOOSE.
 - B- INSTALL SOLENOID VALVE ASSEMBLY ② ON THE WALL (FASTENERS AND WALL ANCHORS BY OTHERS), MAKING SURE THAT THE VALVE WILL BE WITHIN BOTTOM ENCLOSURE.
 - C- CONNECT WATER SUPPLY (AFTER FLUSHING LINES) TO VALVE, AND VALVE RISER TO SPOUTS AS PER UNIT INSTALLATION INSTRUCTIONS.
 - D- CONNECT SOLENOID VALVE, POWER SUPPLY AND SENSOR WIRING AS SHOWN ON DETAIL.
 - E- COMPLETE THE INSTALLATION OF THE UNIT ACCORDING TO THE UNITS INSTALLATION INSTRUCTIONS.
- NOTE:**
- 1- PLUG-IN TRANSFORMER INCLUDES BUILT-IN SECONDARY FUSE. IN THE EVENT OF POWER SURGE TRANSFORMER MAY REQUIRE REPLACEMENT.
 - 2- ELECTRICAL RECEPTACLE MUST BE WIRED TO A GFI PROTECTED CIRCUIT. FIXTURE MUST BE EARTH GROUNDED PER N.E.C. (NATIONAL ELECTRICAL CODE).

<p>ACORN ENGINEERING COMPANY P.O. BOX 3527 Industry, CA 91744 15125 Proctor Ave Industry, CA 91746 (626) 336-4561 FAX (626) 961-2200</p>	<p>TITLE -SO SENSOR/ -PPZ PIEZO ELECTRONIC PUSHBUTTON INSTALLATION</p>		
	<p>MANUFACTURE DATE</p> <p>OCTOBER 2009</p> <p>TO PRESENT</p>	<p>DATE ISSUED</p> <p>09/06/13</p>	<p>DRAWING NUMBER</p> <p>9927-221-005</p>
		<p>DATE REVISED</p> <p>03/25/14</p>	



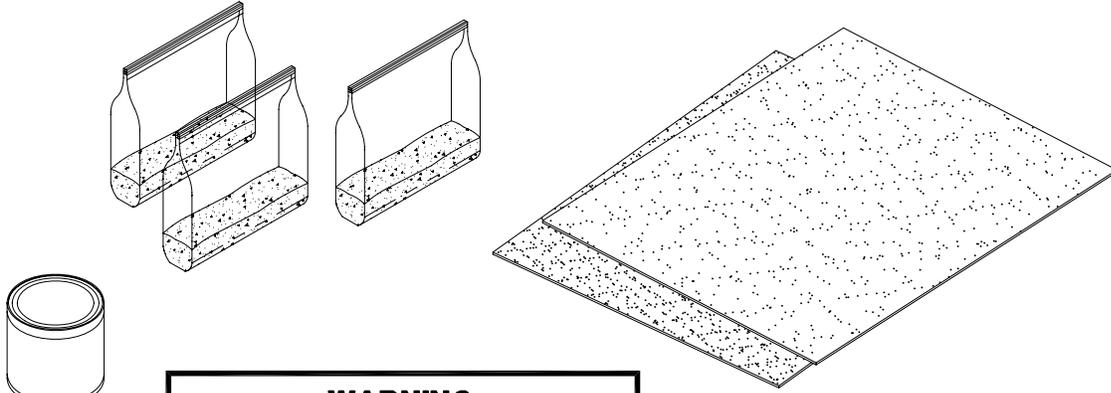
NOTE: THESE INSTRUCTIONS ONLY APPLY TO 9 VOLT SENSORS THAT DO NOT HAVE A RANGE ADJUSTMENT SCREW ON THE BACK. SEE DRAWING # 9927-222-001.

INSTRUCTIONS:

- A- Disconnect sensor from power supply.
- B- Create a short circuit between the positive and negative connections on the sensor for five seconds. **WARNING:** Do not create a short circuit on the power supply or while the sensor is connected to the power supply.
- C- Reconnect the sensor to the power supply.

- D- Within 5 seconds of making the connection, place hand 2 to 4 inches from the sensor.
- E- Once red light begins flashing quickly, move hand to preferred distance and wait for light to stop flashing.
- F- Check distance. If unsatisfactory, repeat steps A through E.

<p>ACORN ENGINEERING COMPANY P.O. BOX 3527 INDUSTRY, CA. 91744 (626) 336-4561 FAX (626) 961-2200</p>	<p>TITLE 9 VOLT DC SENSOR RANGE ADJUSTMENT</p>		
	<p>MANUFACTURE DATE</p> <p>SEPTEMBER, 2001 TO PRESENT</p>	<p>DATE ISSUED</p> <p>09/06/01</p> <p>DATE REVISED</p> <p>09/30/11</p>	<p>DRAWING NUMBER</p> <p>9927-222-002</p>



WARNING:
READ MATERIAL SAFETY DATA SHEETS BEFORE USING.

INSTRUCTIONS:

- A- COMPLETELY CLEAN SURFACE TO BE REPAIRED. ALLOW TO DRY 24 HOURS BEFORE PROCEEDING.
- B- FOR SMALL REPAIRS MIX CEMENT(S) TO PROPER CONSISTENCY. FOR LARGER AREAS ADD AGGREGATE TO MIX AS NECESSARY. SEE STEP E BELOW.
- C- PRESS CEMENT INTO AREA TO BE REPAIRED.
- D- DAMPEN A PUTTY KNIFE WITH WATER AND LEVEL THE CEMENT WITH THE SURROUNDING SURFACE.
- E- IF THE REPAIR IS LARGE AND/OR TOO DEEP, PRESS A SMALL AMOUNT OF AGGREGATE INTO THE CEMENT, ALLOWING THEM TO PROJECT SLIGHTLY HIGHER THAN THE SURROUNDING SURFACE.
- F- ALLOW THE REPAIRED AREA TO DRY 4-6 HOURS BEFORE PROCEEDING.
- G- USING THE 20 GRIT SANDPAPER SUPPLIED, SAND THE REPAIRED AREA UNTIL SMOOTH AND LEVEL WITH SURROUNDING SURFACE.
- H- USING THE 220 GRIT SANDPAPER SUPPLIED, SAND THE REPAIRED AREA AND IMMEDIATELY SURROUNDING AREA TO PREPARE FOR THE URETHANE COATING. IT IS ONLY NECESSARY TO FEATHER THE COATING SURROUNDING THE REPAIR, NOT REMOVE IT COMPLETELY.
- I- CLEAN THE AREA TO BE COATED TO REMOVE ALL RESIDUAL SANDING DUST. IF WATER IS USED, ALLOW TO DRY FOR 2-3 HOURS BEFORE PROCEEDING.
- J- APPLY 1-2 COATS OF URETHANE AS NEEDED, ALLOWING SEVERAL HOURS BETWEEN COATS. ALLOW 24 HOURS FOR DRYING BEFORE EXPOSURE TO WATER.

TERRAZZO REPAIR KIT

- 1 CAN OF AIR-DRY URETHANE
- 1 SHEET 20 GRIT SANDPAPER
- 1 SHEET 220 GRIT SANDPAPER
- MATERIAL SAFETY DATA SHEET
- COLOR MIX & AGGREGATES:

PALOMINO COLOR MIX:
6 OZ. WHITE CEMENT
3 OZ. AGGREGATE, IVORY #1
3 OZ. AGGREGATE, IVORY #2
PLATINUM GRAY COLOR MIX:
6 OZ. GRAY CEMENT
6 OZ. WHITE CEMENT
3 OZ. AGGREGATE, INYO WHITE #1
3 OZ. AGGREGATE, INYO WHITE #2
HYBRID ROSE COLOR MIX:
6 OZ. WHITE CEMENT
3 OZ. AGGREGATE, WHITE ROSE #1
3 OZ. AGGREGATE, WHITE ROSE #2
3 OZ. AGGREGATE, SAN SABA WHITE #1
3 OZ. AGGREGATE, SAN SABA WHITE #2
MIDNIGHT ROSE COLOR MIX:
6 OZ. BLACK PIGMENT
6 OZ. WHITE CEMENT
3 OZ. AGGREGATE, INYO WHITE #1
3 OZ. AGGREGATE, INYO WHITE #2
3 OZ. AGGREGATE, WHITE ROSE #1
3 OZ. AGGREGATE, WHITE ROSE #2

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	MANUFACTURE DATE	DATE ISSUED
	JUNE 1995	04/08/03
TO PRESENT	DATE REVISED	9912-499-001



Programable Piezo Pushbutton Programming Instructions (Flow Time Adjustment)

The Button is factory set an 8 sec. timing cycle, if an 8 sec. cycle is adequate, then **no** programming adjustment is required.



NOTE: Read the entire document before trying to program the piezo pushbutton.

THE TIME SETTINGS PROGRAM USES 3 DIFFERENT TIMING MODES:

- **1 second timing mode:** Each push of the button adds 1 second to the total timing cycle.
- **5 second timing mode:** Each push of the button adds 5 seconds to the total timing cycle.
- **20 second timing mode:** Each push of the button adds 20 seconds to the total timing cycle.

To program the piezo pushbutton, you will need to be able to see the back of the piezo pushbutton.

Prevision must be made to access the back of the piezo pushbutton. There is an LED on the back of the piezo pushbutton under a layer of transparent epoxy, used as a programming indicator light.



NOTE: This programming procedure moves along rapidly, there is only about 2 or 3 seconds between programming operations.

In order to start the programming the piezo pushbutton, the button must be powered down. Disconnect the red power cable and wait 20 seconds, then reconnect the red power cable.

As soon as the cable is reconnected the LED will start flashing, it will flash 4 times, then stays on for 3 seconds. During the 3 second period, push the piezo button once, the LED will go out, now you are in the **1 sec timing mode** and each time the button is pushed the LED will flash, adding 1 sec to the total timing cycle.

To move on to the **5 sec timing mode**, pause and wait for the LED to flash 2 times, now you are in the 5 sec timing mode. Each time the button is pushed the LED will flash, adding 5 sec to the total timing cycle.

To move on to the **20 sec timing mode**, pause and wait for the LED to flash 3 times, now you are in the 20 sec timing mode and each time the button is pushed the LED will flash, adding 20 sec to the total timing cycle. After programing is complete, pause and wait for the LED to flash 4 times and then 5 times, which completes the programming.

- When a **timing mode is not required** then **do not** push the button and wait for the next timing mode.
- Each timing mode (1 sec, 5 sec or 20 sec timing mode) can be sequenced up to 100 times, that is the number of times, the button can be pushed, to increase the total timing cycle in each timing mode.



Please visit www.acorneng.com for most current specifications.

Programmable Piezo Pushbutton Programming Instructions (Flow Time Adjustment)

WORKSHEET

(FILL IN ALL BOXES, WHICH WILL SIMPLIFY THE PROGRAMMING PROCEDURE)

Fill in all the Boxes below
↓ ↓

Determine the number of seconds per timing cycle

PROGRAMING STEPS:

- Power down piezo button for 10 seconds.
- Reconnect power.
- LED flashes, then stay on.
- While the LED is steady on, push button.
- LED turns off.

1 Push = 1 Second
 x 1 = sec



- You are in the 1 sec timing mode, immediately push the button, 1 push equals 1 sec added to the total timing cycle.
- Pause and wait for the LED to flash 2 times.

ADD ↑ ↓

1 Push = 5 Seconds
 x 5 = sec



- You are in the 5 sec timing mode, immediately push the button, 1 push equals 5 sec added to the total timing cycle.
- Pause and wait for the LED to flash 3 times.

ADD ↑ ↓

1 Push = 20 Seconds
 x 20 = sec



- You are in the 20 sec timing mode, immediately push the button, 1 push equals 20 sec added to the total timing cycle.

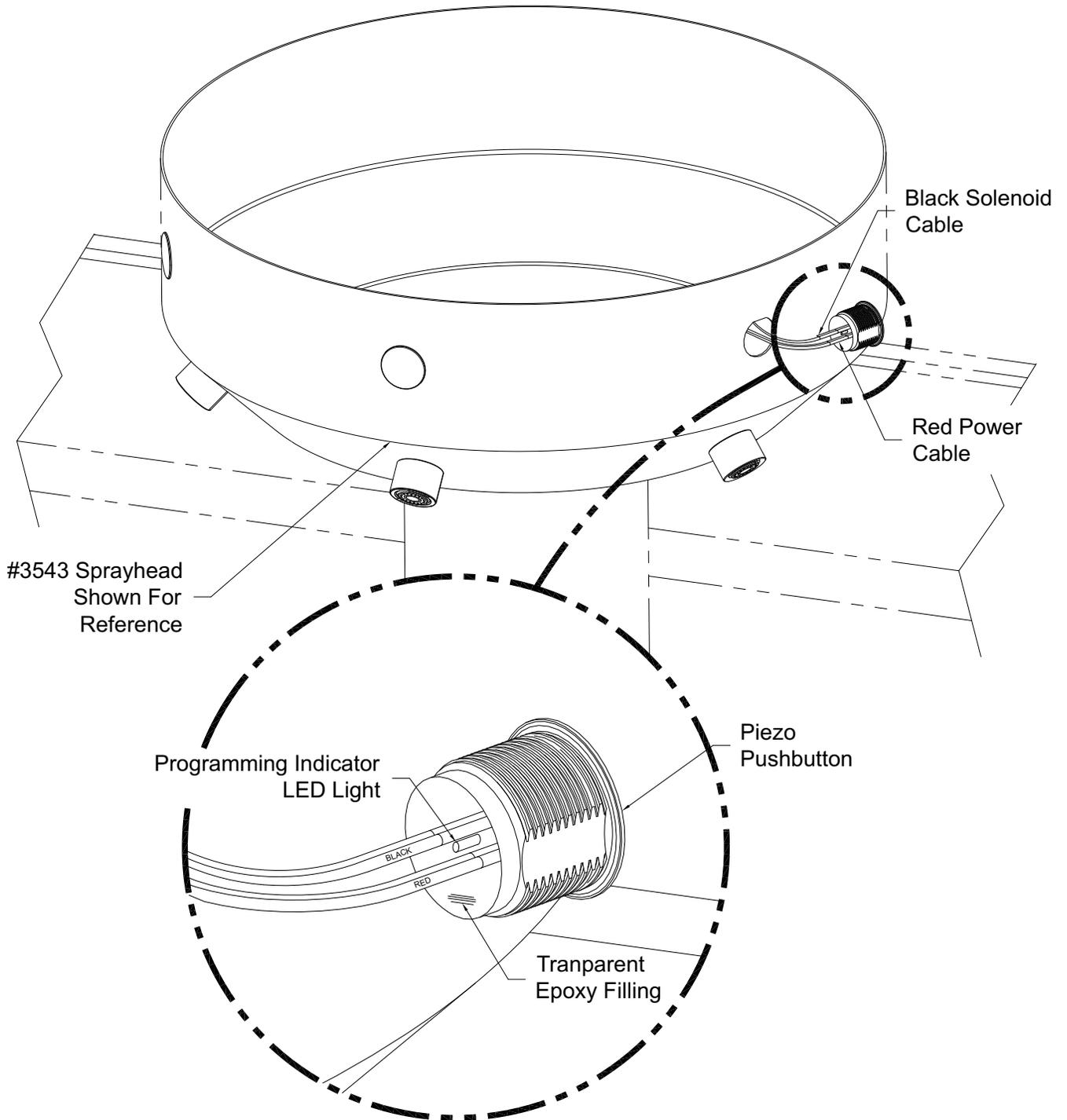
EQUALS ↓

Total timing cycle equals
 seconds



INSTALLATION, OPERATIONS & MAINTENANCE MANUAL

Please visit www.acorneng.com
for most current specifications.



Part #: 9940-009-001

New: 10/01/13

ACORN ENGINEERING COMPANY

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