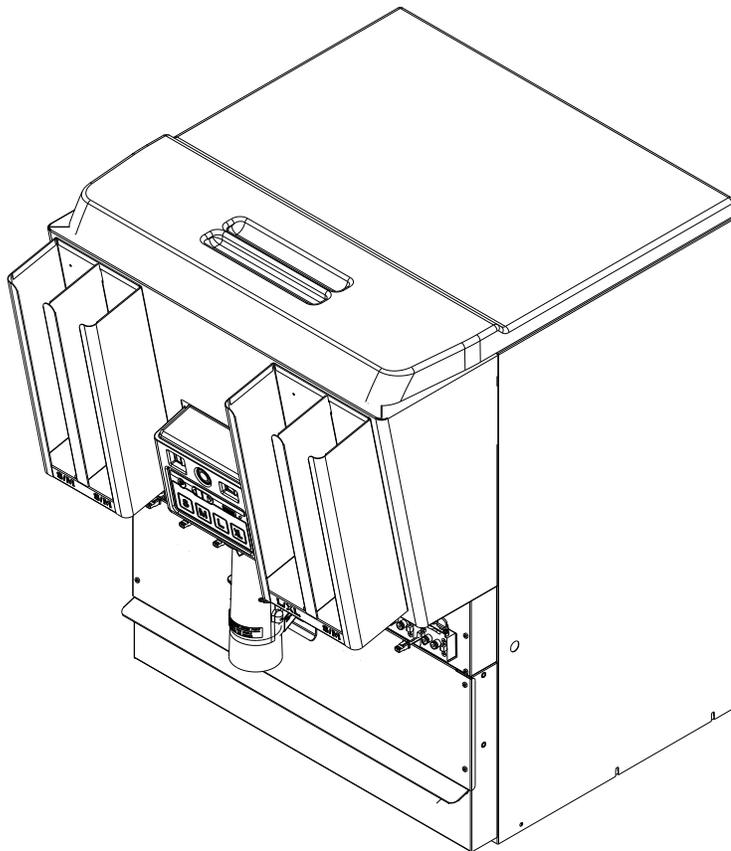


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**IN-N-OUT BURGERS  
NGF 255 PROGATE DRIVE THRU  
ILLUSTRATED PARTS LIST  
NGF 255BCHP and 255BCP**



**Release Date: January 31, 2011**  
**Publication Number: 621058475IPL**  
**Revision Date: March 5, 2014**  
**Revision: B**

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The products, technical information, and instructions contained in this manual are subject to change without notice. These instructions are not intended to cover all details or variations of the equipment, nor to provide for every possible contingency in the installation, operation or maintenance of this equipment. This manual assumes that the person(s) working on the equipment have been trained and are skilled in working with electrical, plumbing, pneumatic, and mechanical equipment. It is assumed that appropriate safety precautions are taken and that all local safety and construction requirements are being met, in addition to the information contained in this manual.

This Product is warranted only as provided in Cornelius' Commercial Warranty applicable to this Product and is subject to all of the restrictions and limitations contained in the Commercial Warranty.

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### **Contact Information:**

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# ILLUSTRATED PARTS LIST NGF 255BCHP

## CLADDING COMPONENTS AND OVERALL ASSEMBLY DETAIL

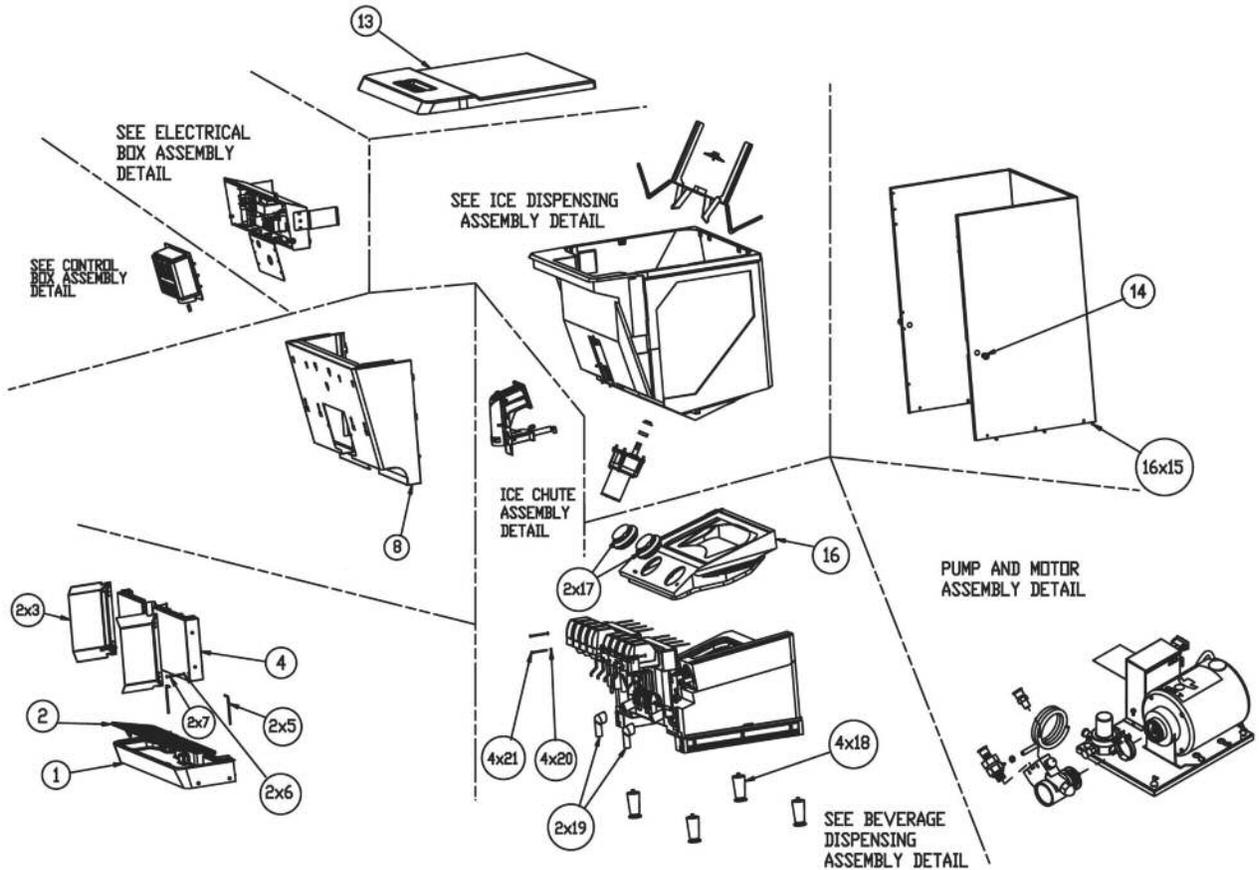


Figure 1

| Item No. | Part No.  | Name                         |
|----------|-----------|------------------------------|
| 1        | 620046285 | Drip Tray                    |
| 2        | 620913803 | Cup Rest                     |
| 3        | 52084     | Guard Splash R/L             |
| 4        | 620052335 | Panel Assembly               |
|          | 620052923 | Panel Assembly (Non-Progate) |
| 5        | 10145     | Drip Tray Mounting Pin       |
| 6        | 71010     | Captivating Washer           |
| 7        | 70555     | Screw Stainless              |
| 8        | 620053003 | Cover Weldment               |
|          | 620520578 | Cover, Weldment (NGF 255)    |

| Item No. | Part No.  | Name  |
|----------|-----------|---|
| 13       | 620517034 | Lid IDC255 Black  |
| 14       | 32977     | Keyswitch Assem. (Keys Included) Replacement Keys Only (70739)      |
| 15       | 620705801 | Phillips Truss Head Screw, #8-18 X 1/2" Long, Stainless Steel       |
| 16       | 620050537 | Foamed Cold Plate Cover   |
| 17       | 620516645 | Cover Coldplate Access  |
| 18       | 70970     | 4" Adjustable Leg, 3/8" - 16, Black Plastic with Nickel Plated Foot |

## ELECTRICAL BOX ASSEMBLY DETAIL

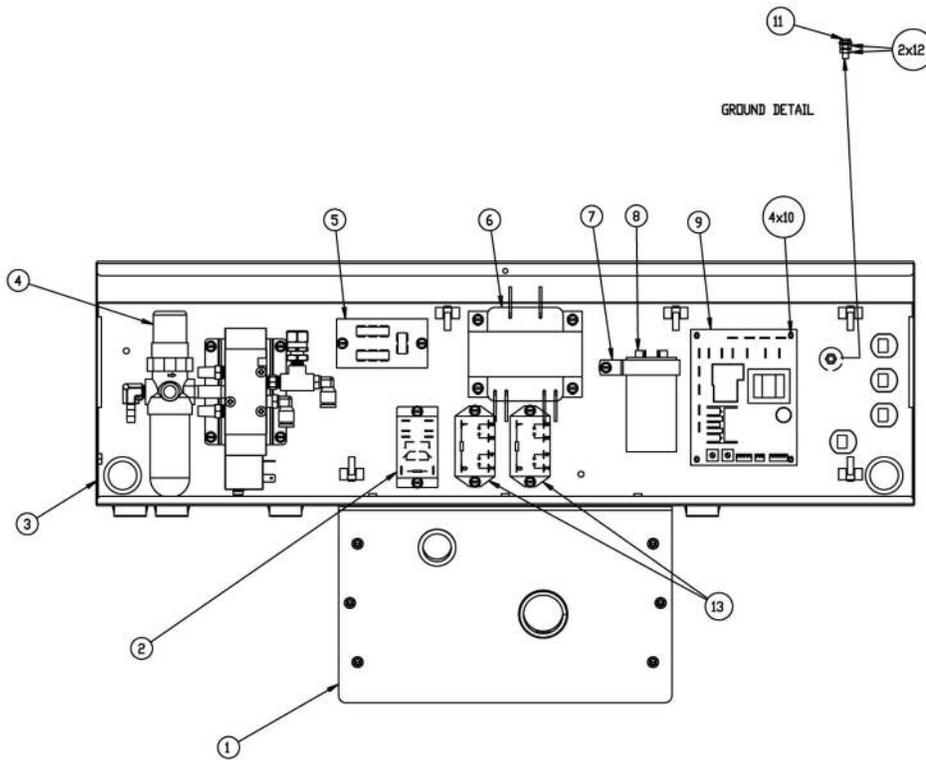
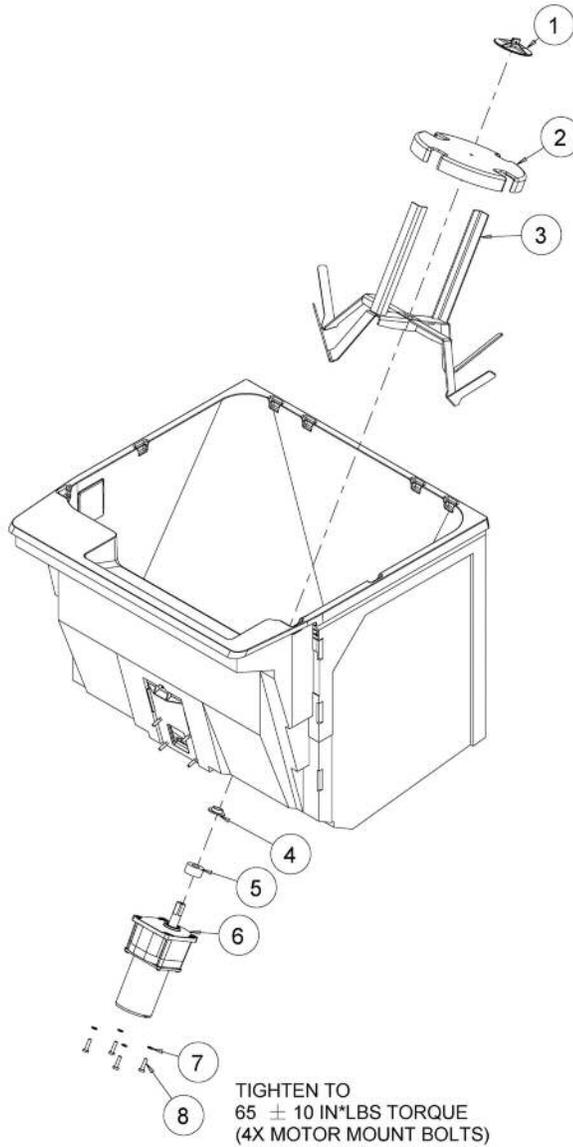


Figure 2.

| Item No. | Part No.  | Name                         |
|----------|-----------|------------------------------|
| 1        | 620052685 | Control Box Mounting Brkt    |
| 2        | 620314025 | NO/NC 25 Vac Relay           |
| 3        | 620314152 | Electric Box                 |
| 4        | 620313711 | Solenoid Asy IDC/Progate Air |
| 5        | 31107     | Terminal Board               |
| 6        | 720500795 | Transformer 120 V 60 Hz.     |
| 7        | 620717212 | Capacitor Mount              |

| Item No. | Part No.  | Name                             |
|----------|-----------|----------------------------------|
| 8        | 560002379 | Capacitor, 20 Mfd, 230 V, 50 Hz. |
| 9        | 620314825 | Main Electrical Board            |
| 10       | 325925000 | Electrical Board Support         |
| 11       | 70120     | Machine Screw, #10-32, Gnd       |
| 12       | 70015     | Hex Nut, #10-32, KEPS            |
| 13       | 60569001  | Relay                            |

## ICE DISPENSING ASSEMBLY DETAIL



**Figure 3**

| Item No. | Part No.  | Name                          |
|----------|-----------|-------------------------------|
| 1        | 15087     | Agitator Retainer             |
| 2        | 620042770 | Agitator Disk                 |
| 3a       | 620042766 | Agitator                      |
| 3b       | 620042723 | Agitator (opt w/no disk reqd) |
| 4        | 620711105 | Gear Box Shaft Seal           |
| 5        | 52876     | Gear Box Shaft Gasket         |

| Item No. | Part No.  | Name  |
|----------|-----------|---|
| 6        | 620314923 | Service Motor (Without Gear Box)                        |
|          | 620314913 | Motor and Gear Box Assembly                             |
| 7        | 168833000 | Lock Washer .262" ID X .489" OD X .062" Thick, SS       |
| 8        | 70260     | Self-Locking Socket Head Cap Screw, 1/4-20, 1" Long, SS |

## BEVERAGE DISPENSING ASSEMBLY DETAIL

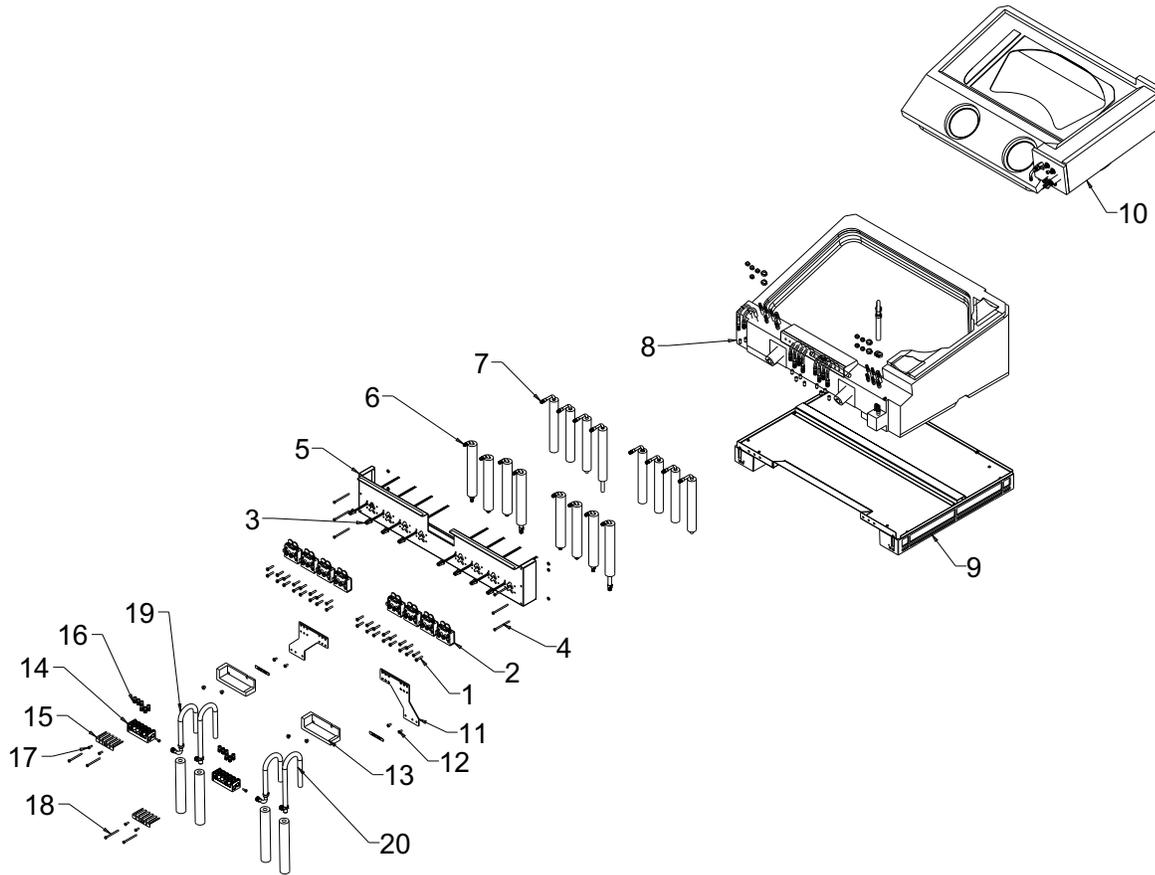


Figure 4.

| Item No. | Part No.  | Name                               |
|----------|-----------|------------------------------------|
| 1        | 620700602 | Screw TF SM 10-16 RDPH 32 SS       |
| 2        | 60278110  | Lever Back Block Assembly          |
| 3        | 31827     | Valve Power Harness                |
| 4        | 70555     | Screw 8-32                         |
| 5        | 620053873 | Beverage Panel                     |
| 6        | 620709068 | Elbow Dow Fitting 3/8" Barb        |
| 7        | 620709073 | Elbow Dow Fitting 3/8" Barb        |
| 8        | 620407060 | FDAMED 19 X 28 8 FL C-PLT Assembly |
| 9        | 620045786 | Base Assembly ED 2XXX              |
| 10       | 620043354 | Cold Plate Cover Assembly          |

| Item No. | Part No.  | Name                      |
|----------|-----------|---------------------------|
| 11       | 620053839 | Bracket Manifold Mounting |
| 12       | 70307     | Rivet Pop                 |
| 13       | 620711962 | Insulation TFI Manifold   |
| 14       | 620407728 | Manifold Total Flex       |
| 15       | 620046382 | Retainer                  |
| 16       | 620519005 | Plug Manifold             |
| 17       | 70204     | Screw SM 08 TA TRPH HSS   |
| 18       | 71006     | Screw MA 8-32 TRPH 72 SS  |
| 19       | 620407917 | Water Line Assembly       |
| 20       | 620611961 | Water Line Assembly       |

## OPTIONAL CARBONATOR TANK ASSEMBLY DETAIL

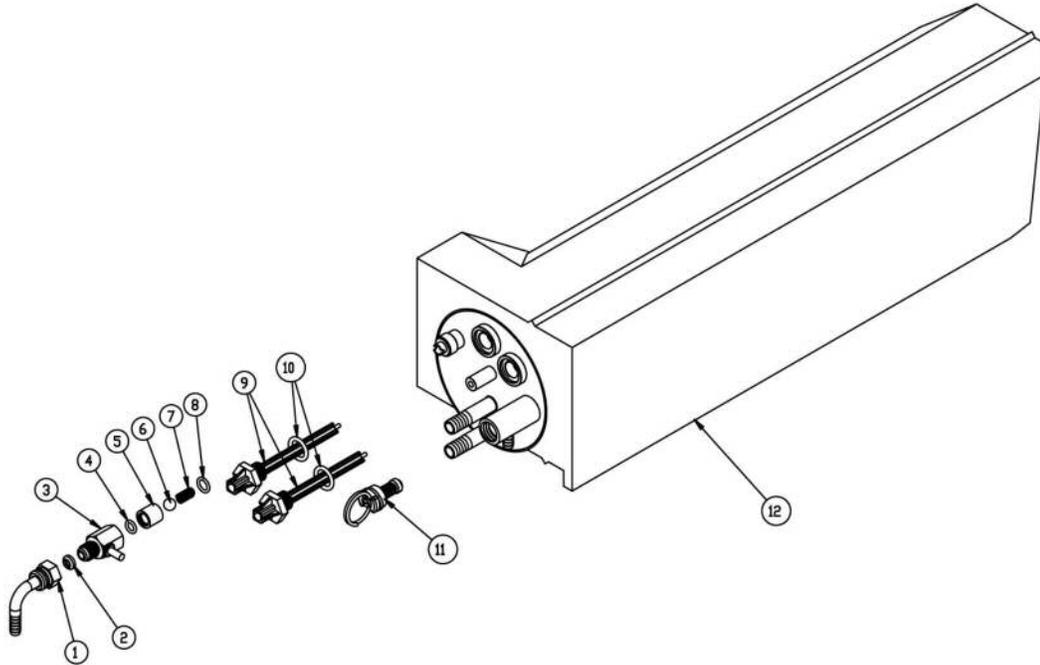


Figure 5

| Item No. | Part No.  | Name  |
|----------|-----------|---|
| 1        | 77040100  | L-Swivel Fitting 7/16"-20 (1/4" FFL) FL X 1/4" Barb, SS |
| 2        | 178025100 | Male Gasket Flare Fitting                               |
| 3        | 64677001  | Check Valve Fitting                                     |
| 4        | 398033002 | O-Ring .239" ID .070" CS 70 DU BU-N                     |
| 5        | 64686     | Check Valve Sleeve SS                                   |
| 6        | 64560     | Check Valve Ball, .3125" SS                             |
| 7        | 64678     | Spring  |

| Item No. | Part No.  | Name  |
|----------|-----------|---|
| 8        | 31525012  | O-Ring .301" ID .070" CS 60 DU BU-N   |
| 9        | 620607108 | Liquid Level Control Probe: Must be purchased together with item 10 (O-ring). |
| 10       | 31525007  | O-Ring .488" ID 103 CS 60 DU BU-N   |
| 11       | 318362000 | Valve Relief Yel Carbonator   |
| 12       | 620043354 | Cover C-PLT Assembly  |

## OPTIONAL PUMP AND MOTOR ASSEMBLY DETAIL

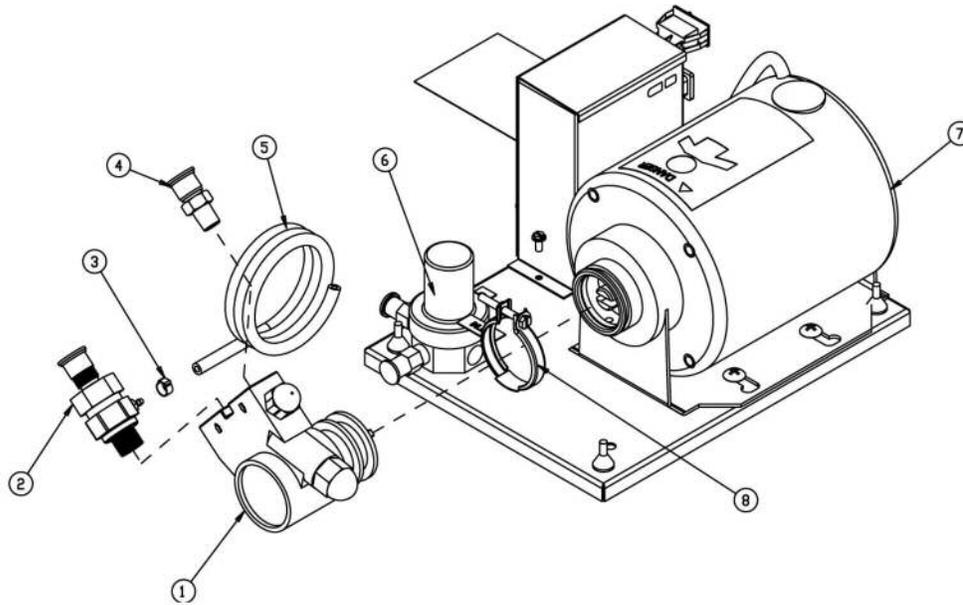


Figure 6

| Item No. | Part No.  | Name                                     |
|----------|-----------|--|
| 1        | 60170     | Pump, 125GPH                             |
| 2        | 620608773 | Check Valve 3/8MPT 5/8-18                |
| 3        | 311527000 | Detiker Clamp #8.7                       |
| 4        | 111337000 | Straight Fitting 3/8 MPT X 3/8 MF, Brass |

| Item No. | Part No.  | Name                                    |
|----------|-----------|---|
| 5        | 174004000 | Polyethylene Tubing .156" ID X .312" OD |
| 6        | 620709802 | Pressure Regulator, 75 PSIG             |
| 7        | 60030058  | Motor Pump                              |
| 8        | 187483000 | Clamp                                   |

## ICE CHUTE ASSEMBLY DETAIL

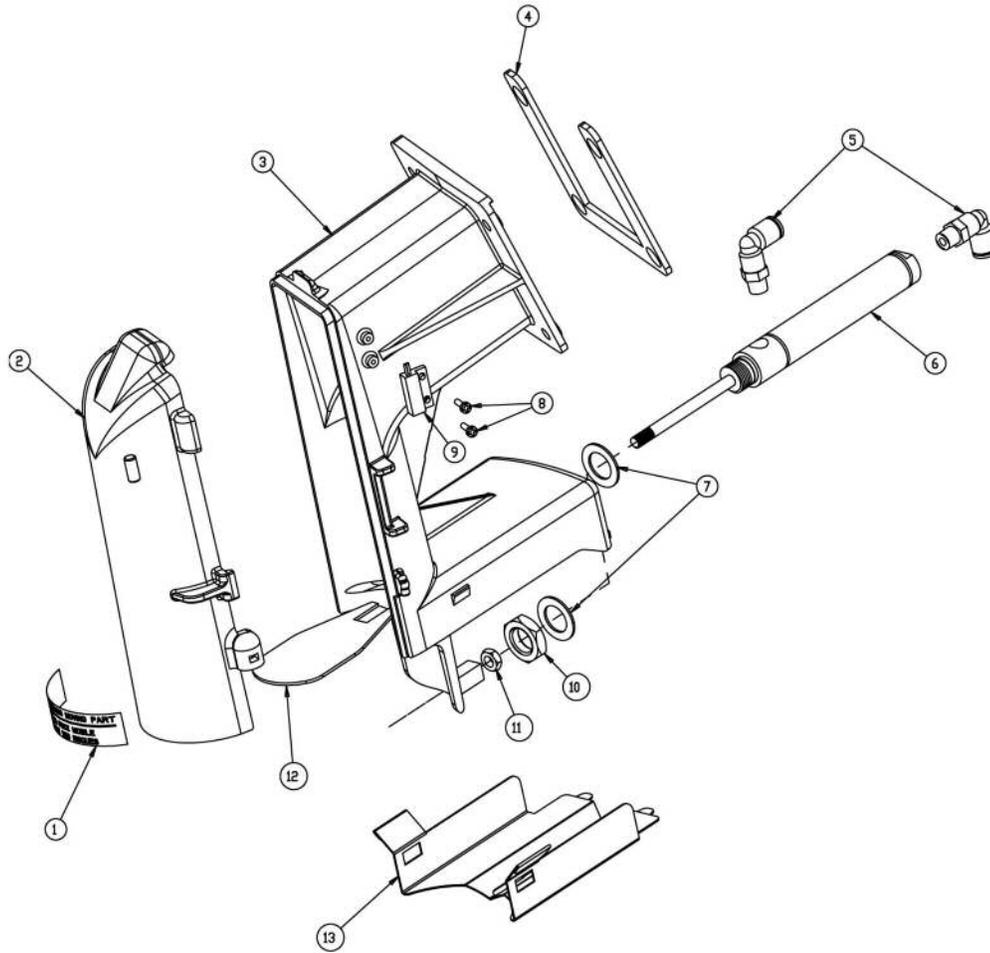


Figure 7

| Item No. | Part No.  | Name                              |
|----------|-----------|-----------------------------------|
| 1        | 91776     | Label, Warning Hazardous Moving   |
| 2        | 620518520 | Ice Chute Cover                   |
| 3        | 620518521 | Ice Chute Jordan Progate          |
| 4        | 620710113 | Gasket Ice Chute IDC Low Duro     |
| 5        | 620720630 | Fitg, 1/4 Tube X 1/8 MPT          |
| 6        | 620200411 | Cylinder, Air Double Acting 2-1/2 |
| 7        | 620702505 | Bushing, Mach 5/8 X 1 X .048 SS   |

| Item No. | Part No.  | Name                              |
|----------|-----------|-----------------------------------|
| 8        | 620705901 | Screw Sm #04 PAPH 12 SS           |
| 9        | 620314527 | Sensor, Position Ice Chute Jordon |
| 10       | 620701208 | Nut, Hex, 5/8-18 SS Jam-SPC       |
| 11       | 620701202 | Nut, Hex Jam 1/4-28 SS 400 SER    |
| 12       | 620048712 | Gate Slide Assy Jordan Progate    |
| 13       | 620200418 | Cylinder Enclosure Progate        |

## CONTROL BOX ASSEMBLY DETAIL

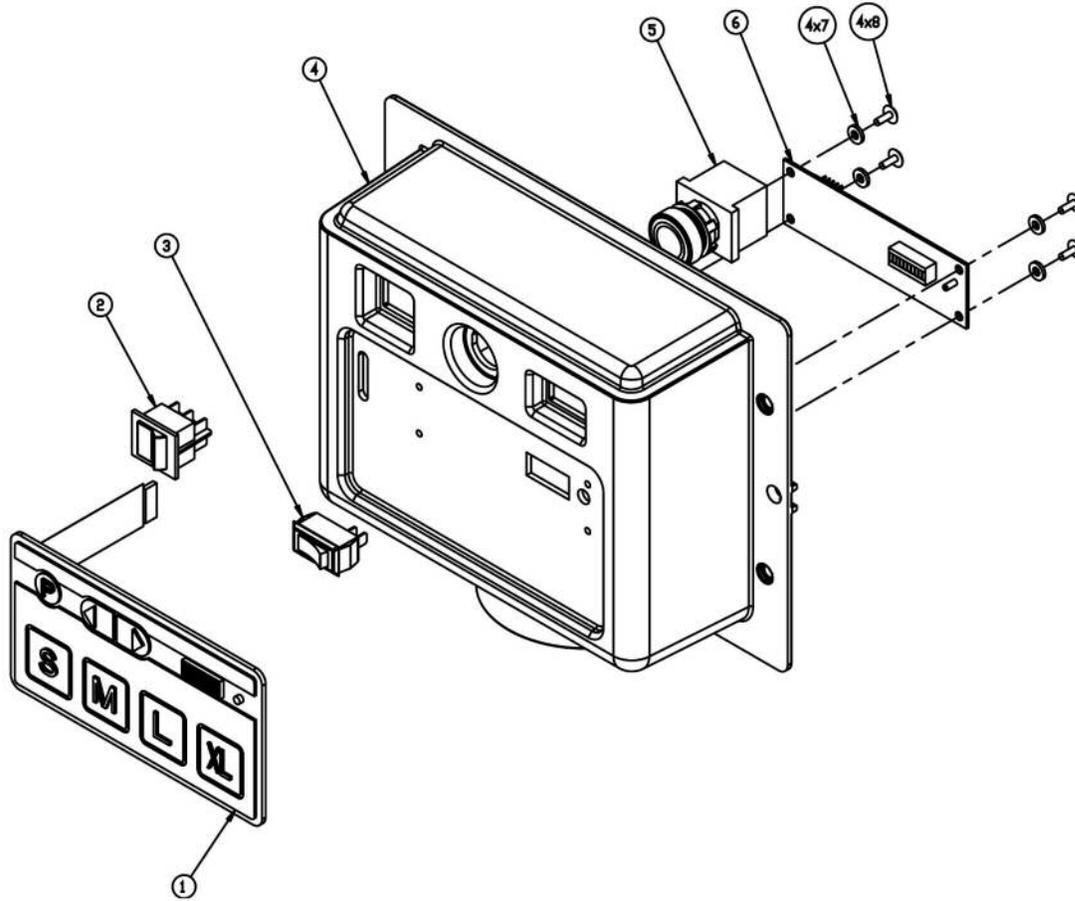


Figure 8

| Item No. | Part No.  | Name                       |
|----------|-----------|----------------------------|
| 1        | 620045207 | Pad, Key IDC/Progate2      |
| 2        | 31934     | 2230 Switch                |
| 3        | A5810     | Switch, Rocker (SAN) HCL30 |
| 4        | 620043256 | Keypad Control Box         |

| Item No. | Part No.  | Name                          |
|----------|-----------|-------------------------------|
| 5        | 620313267 | Switch, PB Lighted            |
| 6        | 620314840 | Control Board                 |
| 7        | V25237    | Nylon Washer, Flat, #8        |
| 8        | 188117000 | Screw, SM 08 TA TRPH 12 S TZI |

## SPLASH PANEL ASSEMBLY DETAIL

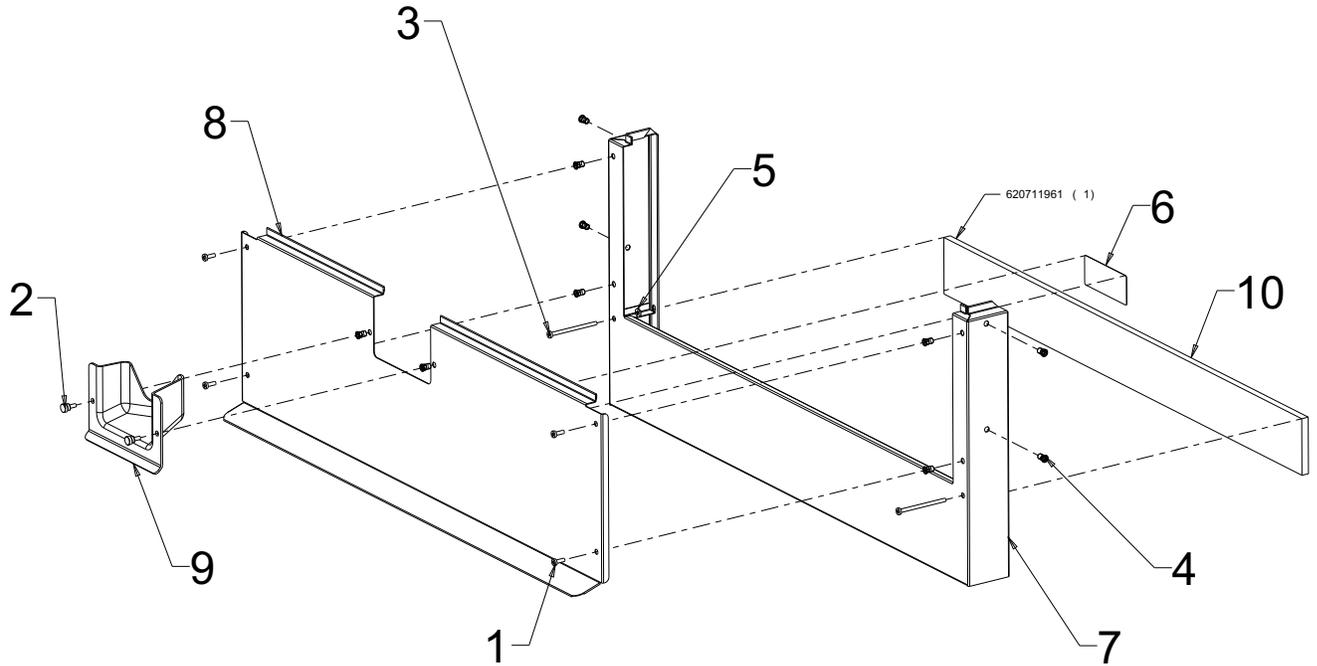


Figure 9

| Item No. | Part No. | Name                       |
|----------|----------|----------------------------|
| 1        | 70178    | Screw, MA 08-32 TRPH 16 SS |
| 2        | 70118    | Screw WG 8-32 KN 16        |
| 3        | 70555    | Screw MA 8-32 TRPH 84 SS   |
| 4        | 70959    | 8-32 Hex Nutsert           |
| 5        | 71010    | Washer Captivating #8      |

| Item No. | Part No.  | Name                         |
|----------|-----------|------------------------------|
| 6        | 92332     | Label Notice EDXXX Help Line |
| 7        | 620051886 | Splash Panel                 |
| 8        | 620051888 | Panel, Splash                |
| 9        | 620710809 | Shroud Cylinder              |
| 10       | 620711961 | Insulation                   |





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