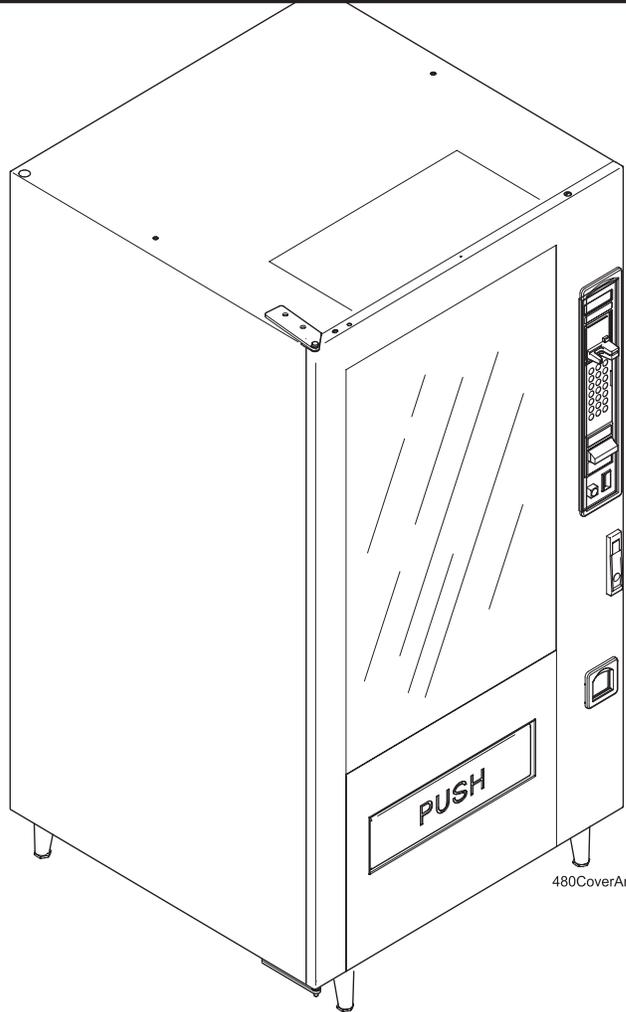


4800005

**Model 480**



# ***Refreshment Center 1***



480CoverArt

# **PARTS MANUAL**

This machine has been engineered to our own rigid safety and performance requirements and manufactured in accordance with the safety standards of Underwriters Laboratories (UL) and the Canadian Standards Association (CSA). It has been designed to comply with the National Automatic Merchandising Association (NAMA) “Standard for the Sanitary Design and Construction of Food and Beverage Vending Machines”.

To maintain this degree of safety and to continue to achieve the level of performance built into this machine, it is important that installation and maintenance be performed so as to not alter the original construction or wiring and that replacement parts are as specified in the Parts Manual. Your investment in this equipment will be protected by using this Operators' Guide and the Parts Manual in your operation, service and maintenance work. By following prescribed procedures, machine performance and safety will be preserved.

# LIST OF FIGURES

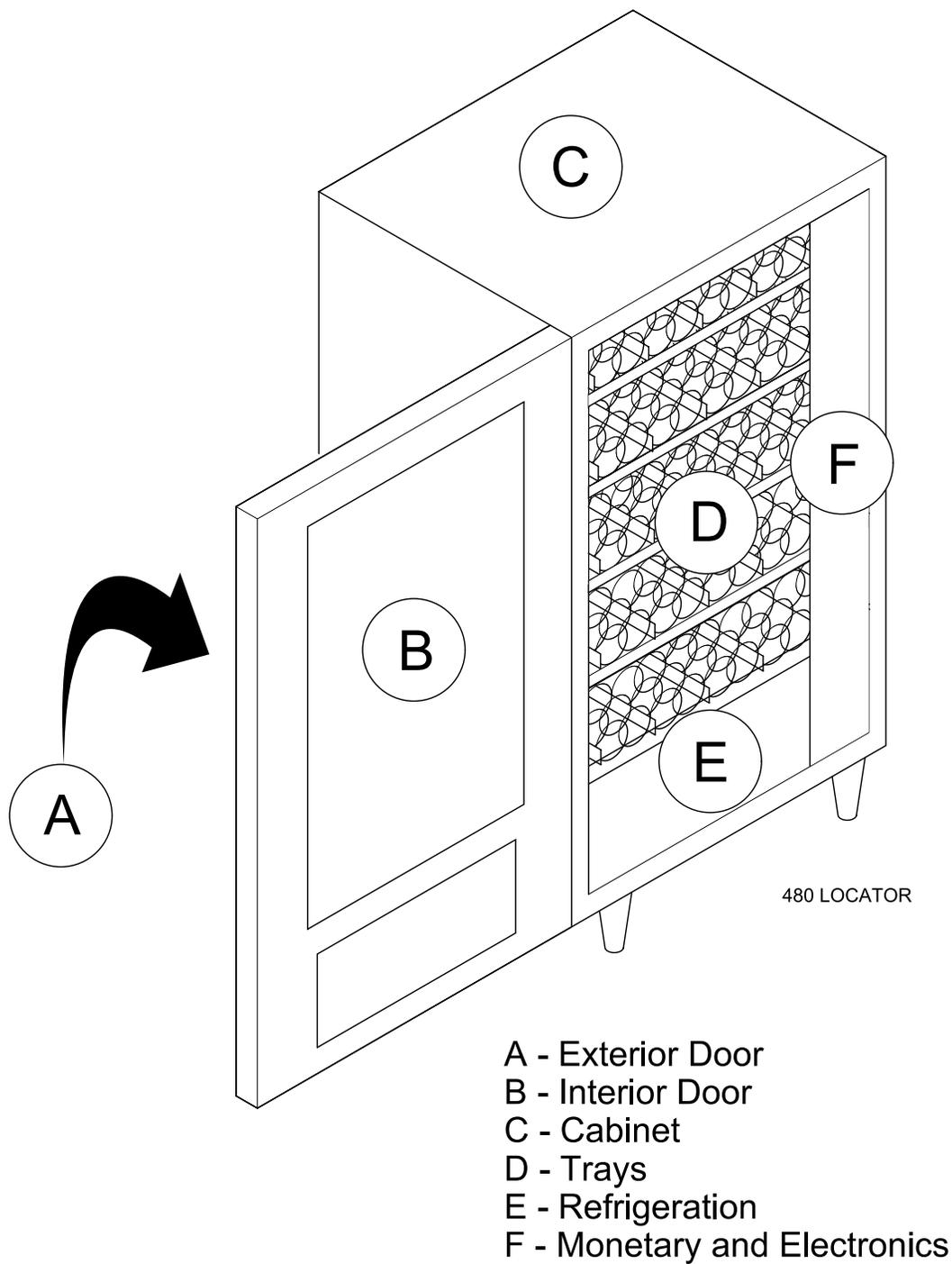
|  |           |
|--|-----------|
| <b>Section A: Exterior of door .....</b>                     | <b>2</b>  |
| FIGURE 1: Exterior door Assy .....                           | 2         |
| <b>Section B: Interior of door .....</b>                     | <b>4</b>  |
| FIGURE 2: Interior Door Assy .....                           | 4         |
| FIGURE 3: Light Bracket Assy .....                           | 6         |
| FIGURE 4: Delivery Bin (1 of 4) .....                        | 8         |
| FIGURE 5: Delivery Bin (2 of 4) .....                        | 10        |
| FIGURE 6: Delivery Bin (3 of 4) .....                        | 12        |
| FIGURE 7: Delivery Bin (4 of 4) .....                        | 14        |
| FIGURE 8: PosiVend .....                                     | 16        |
| <b>Section C: Cabinet .....</b>                              | <b>18</b> |
| FIGURE 9: Cabinet Assy .....                                 | 18        |
| FIGURE 10: Cash Box Lock .....                               | 20        |
| FIGURE 11: Door Hinge .....                                  | 22        |
| FIGURE 12: Lighting Channel .....                            | 24        |
| FIGURE 13: Evaporator Fan Assy .....                         | 26        |
| FIGURE 14: Dual Zone Components .....                        | 28        |
| FIGURE 15: Cabinet Legs .....                                | 30        |
| FIGURE 16: Base Plate .....                                  | 32        |
| <b>Section D: Trays .....</b>                                | <b>34</b> |
| FIGURE 17: Snack Tray Assy .....                             | 34        |
| FIGURE 18: Snack Tray Assy - Rear .....                      | 36        |
| FIGURE 19: Candy Tray Assy .....                             | 38        |
| FIGURE 20: Candy Tray - Rear .....                           | 40        |
| FIGURE 21: Bottle Tray .....                                 | 42        |
| FIGURE 22: Bottle Tray - Rear .....                          | 44        |
| <b>Section E: Refrigeration .....</b>                        | <b>48</b> |
| FIGURE 23: Evaporator Pan Assy .....                         | 48        |
| FIGURE 24: Refrigeration Assy (1 of 2) .....                 | 50        |
| FIGURE 25: Refrigeration Assy (2 of 2) .....                 | 52        |
| <b>Section F: Monetary and electronics .....</b>             | <b>54</b> |
| FIGURE 26: Monetary Assy .....                               | 54        |
| FIGURE 27: Coin Mech Bracket .....                           | 56        |
| FIGURE 28: Card Reader and Bill Validator Combinations ..... | 58        |
| FIGURE 29: Power Panel Assy .....                            | 62        |



# LIST OF TABLES

|   |           |
|---|-----------|
| <b>Section A: Exterior of door .....</b>                    | <b>2</b>  |
| TABLE 1: Exterior Door .....                                | 3         |
| <b>Section B: Interior of door .....</b>                    | <b>4</b>  |
| TABLE 2: Interior Door Assy .....                           | 5         |
| TABLE 3: Light Bracket Assy .....                           | 7         |
| TABLE 4: Delivery Bin (1 of 4) .....                        | 9         |
| TABLE 5: Delivery Bin (2 of 4) .....                        | 11        |
| TABLE 6: Delivery Bin (3 of 4) .....                        | 13        |
| TABLE 7: Delivery Bin (4 of 4) .....                        | 15        |
| TABLE 8: PosiVend .....                                     | 17        |
| <b>Section C: Cabinet .....</b>                             | <b>18</b> |
| TABLE 9: Cabinet Assy .....                                 | 19        |
| TABLE 10: Cash Box Lock .....                               | 21        |
| TABLE 11: Door Hinge .....                                  | 23        |
| TABLE 12: Lighting Channel) .....                           | 25        |
| TABLE 13: Evaporator Fan Assy .....                         | 27        |
| TABLE 14: Dual Zone Components .....                        | 29        |
| TABLE 15: Cabinet Legs .....                                | 31        |
| TABLE 16: Base Plate .....                                  | 33        |
| <b>Section D: Trays.....</b>                                | <b>34</b> |
| TABLE 17: Snack Tray Assy .....                             | 35        |
| TABLE 18: Snack Tray Assy - Rear .....                      | 37        |
| TABLE 19: Candy Tray Assy .....                             | 39        |
| TABLE 20: Candy Tray Rear .....                             | 41        |
| TABLE 21: Bottle Tray .....                                 | 43        |
| TABLE 22: Bottle Tray - Rear .....                          | 45        |
| <b>Section E: Refrigeration.....</b>                        | <b>48</b> |
| TABLE 23: Evaporator Pan Assy .....                         | 49        |
| TABLE 24: Refrigeration Assy (1 of 2) .....                 | 51        |
| TABLE 25: Refrigeration Assy (2 of 2) .....                 | 53        |
| <b>Section F: Monetary and electronics .....</b>            | <b>54</b> |
| TABLE 26: Monetary Assy .....                               | 55        |
| TABLE 27: Coin Mech Bracket .....                           | 57        |
| TABLE 28: Card Reader and Bill Validator Combinations ..... | 59        |
| TABLE 29: Power Panel Assy .....                            | 63        |
| TABLE 30: harnesses .....                                   | 63        |





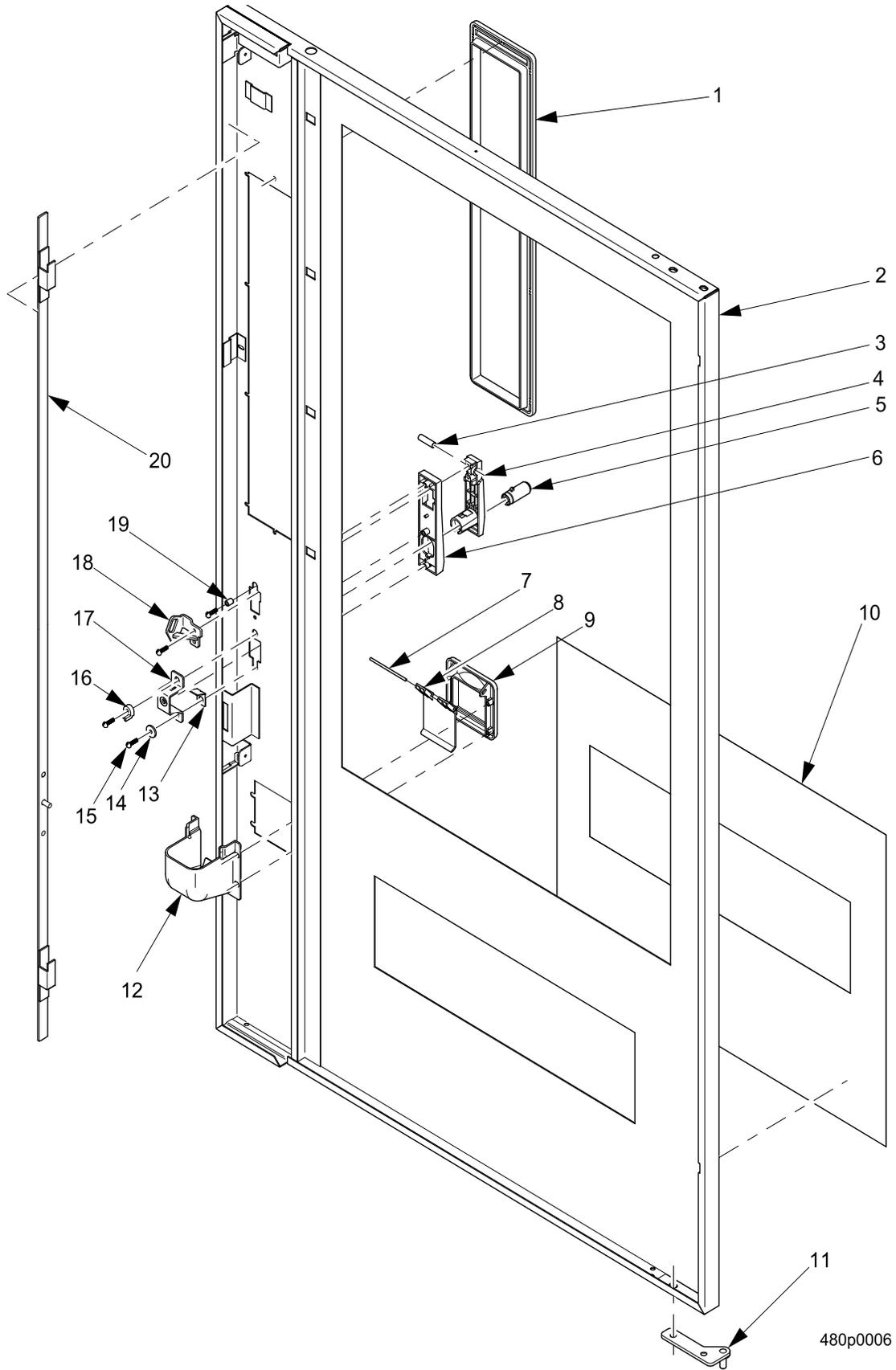
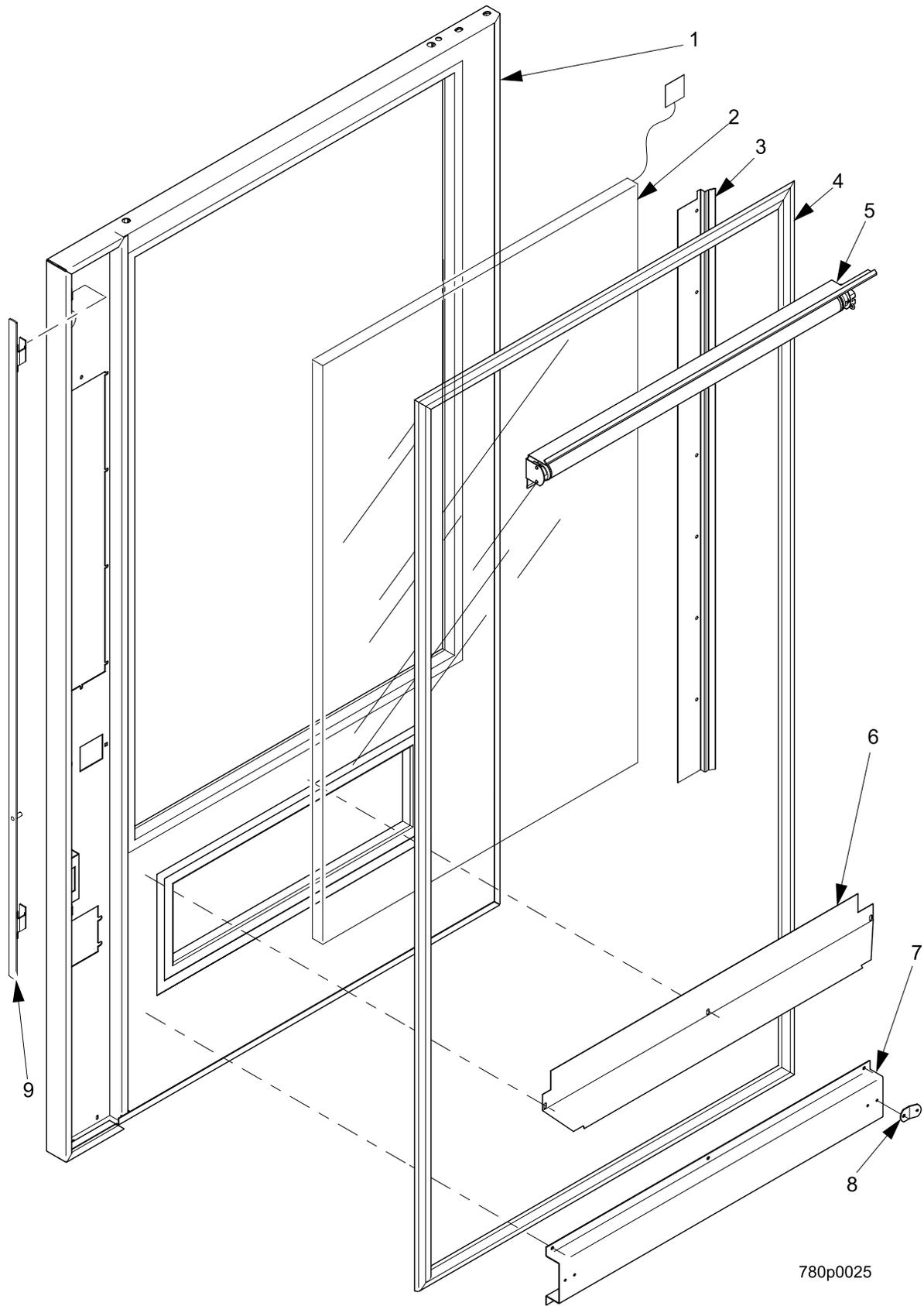


FIGURE 1: EXTERIOR DOOR ASSY

TABLE 1: EXTERIOR DOOR

| INDEX | PART NUMBER | DESCRIPTION                               | QTY |
|-------|-------------|---|-----|
| 1     | 1575106     | CASTING-MONETARY FRAME-BLACK              | 1   |
| 2     | 7802001     | WELD ASSY-DOOR-T. BLACK                   | 1   |
| 3     | 1302291     | PIVOT-LEVER-LOCK                          | 1   |
| 4     | 1172190     | LEVER-LOCK                                | 1   |
| 5     | 9995002     | LOCK CYLINDER ASSY-KEY 002                | -   |
|       | 9995400     | LOCK CYLINDER ASSY-KEY 400                |     |
|       | 1670912     | LOCK & KEY-ACE II-KEY 400                 |     |
|       | 1670913     | LOCK & 2 KEYS-ACE II-KEY 400              |     |
|       | 1670914     | LOCK & 2 KEYS-ACE II-KEY 002              |     |
| 6     | 8905011     | BASE-LEVER LOCK-BLACK                     | 1   |
| 7     | 4245085     | ROD-LOCK PIVOT                            | 1   |
| 8     | 4245082     | GATE-COIN RETURN                          | 1   |
| 9     | 1572011     | TRIM-COIN CUP-BLACK                       | 1   |
| 10    | 4802001     | DECAL-BOTTOM-GPL                          | 1   |
| 11    | 6232031     | HINGE ASSY-DOOR-LOWER                     | 1   |
| 12    | 1572010     | CUP-COIN RETURN                           | 1   |
| --    | 9900160     | SCREW-#8-18 X 1/2"PHIL.PAN HD.(NOT SHOWN) | 4   |
| 13    | 1302290     | LATCH-LOCK-LOWER                          | 1   |
| 14    | 9900121     | WASHER STEEL 7/16 X.203 X.032             | 2   |
| 15    | 9900170     | SCREW-#10-32 X 1/2"PHIL.PAN HD            | 4   |
| 16    | 1302326     | SHIELD-LATCH                              | 1   |
| 17    | 1302324     | CATCH-DOOR LATCH                          | 1   |
| 18    | 2272050     | ACTUATOR-LOCK BAR                         | 1   |
| 19    | 2302053     | SPACER-CUP                                | 6   |
| 20    | 1472178     | LOCK BAR ASSEMBLY                         | 1   |

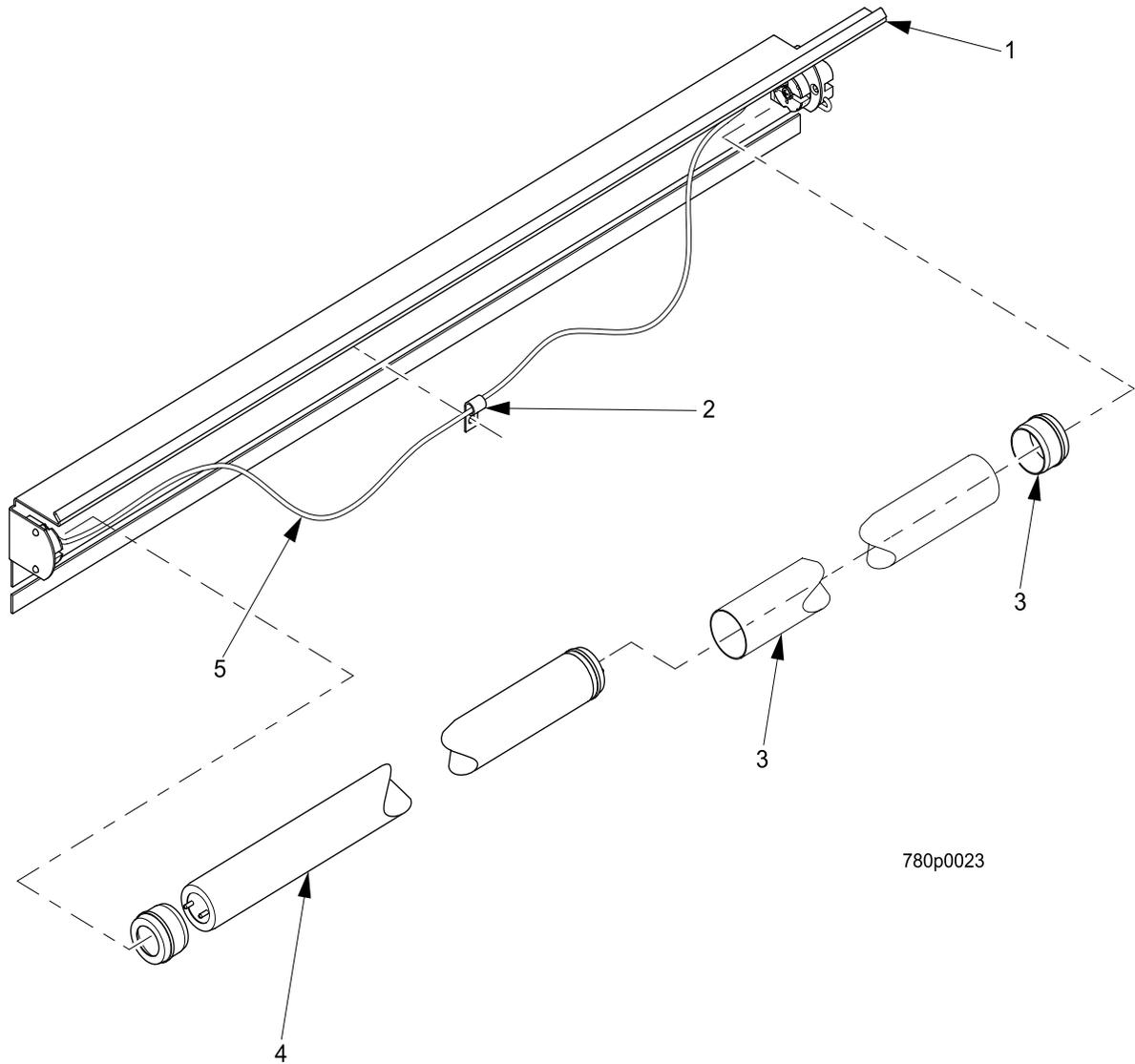


780p0025

FIGURE 2: INTERIOR DOOR ASSY

TABLE 2: INTERIOR DOOR ASSY

| INDEX | PART NUMBER | DESCRIPTION                                   | QTY. |
|-------|-------------|---|------|
| 1     | 7802068     | FOAM ASSY-DOOR-GPL-"T" BLACK                  | 1    |
| 2     | 7802017     | GLASS ASSY, 120 VAC                           | 1    |
|       | 7802072     | GLASS ASSY, 230 VAC                           | 1    |
| 3     | 7802050     | CHANNEL-GLASS RETAINER                        | 2    |
| 4     | 7802011     | GASKET DOOR BLACK                             | 1    |
| 5     | --          | ASSY-BULB & BRACKET (SEE TABLE 3 FOR DETAILS) | --   |
| 6     | 7802031     | DEFLECTOR-FRONT-DELIVERY-PAN                  | 1    |
| 7     | 7802049     | BRACE-DOOR                                    | 1    |
| 8     | 4301285     | BRACKET-DOOR CHAIN                            | 1    |
| 9     | 1472178     | LOCK BAR ASSEMBLY                             | 1    |



780p0023

**FIGURE 3: LIGHT BRACKET ASSY**

TABLE 3: LIGHT BRACKET ASSY

| INDEX | PART NUMBER | DESCRIPTION                         | QTY |
|-------|-------------|-------------------------------------|-----|
| 1     | 7802051     | BRACKET LIGHT                       | 1   |
| 2     | 2342315     | CLIP-WIRE HARNESS                   | 2   |
| 3     | 7802019     | SAFETY SLEEVE & END CAP ASSY        | 1   |
| 4     | 6732034     | LAMP-FLUORESCENT-18 WATT            | 1   |
| 5     | 7809005     | HARNESS-LIGHT&FILTER ASSY           | 1   |
| --    | 2302218     | STARTER-FLSCT LAMP-FS-25(NOT SHOWN) | 1   |

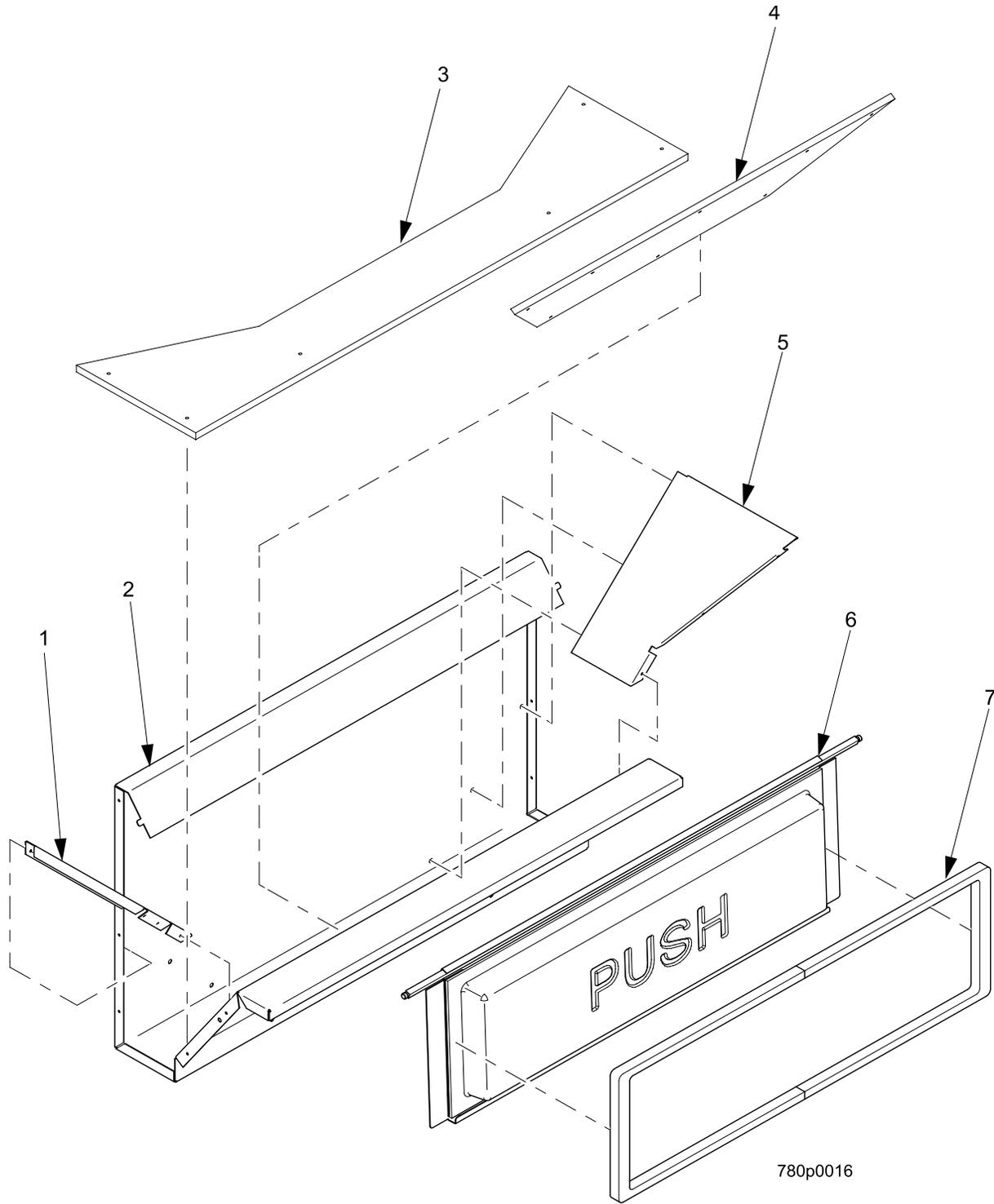


FIGURE 4: DELIVERY BIN (1 OF 4)

TABLE 4: DELIVERY BIN (1 OF 4)

| INDEX | PART NUMBER | DESCRIPTION               | QTY. |
|-------|-------------|---------------------------|------|
| --    | 7802010     | DELIVERY PAN ASSEMBLY-RC1 | --   |
| 1     | 7802030     | BAFFLE-DELIVERY PAN-LEFT  | 1    |
| 2     | 7802024     | DELIVERY PAN              | 1    |
| 3     | 7802077     | PAD-BOTTOM & SIDES - RC-1 | 1    |
| 4     | 7802078     | PAD-FRONT-RC-1            | 1    |
| 5     | 7802035     | BAFFLE-DELIVERY PAN-RIGHT | 1    |
| 6     | 7802036     | VEND DOOR ASSY-FOAMED     | 1    |
| 7     | 7802018     | GASKET-VEND DOOR          | 1    |

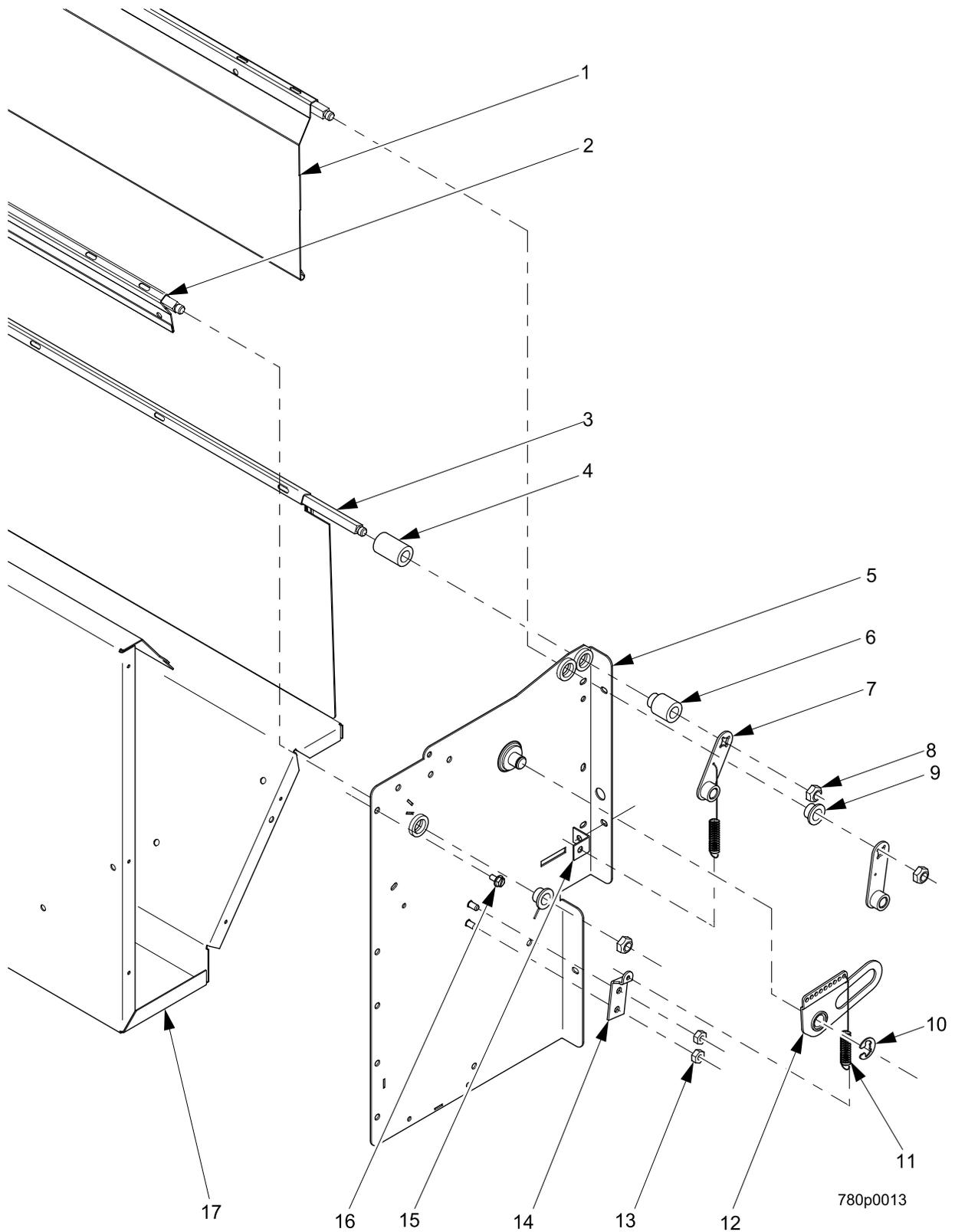


FIGURE 5: DELIVERY BIN (2 OF 4)

TABLE 5: DELIVERY BIN (2 OF 4)

| INDEX | PART NUMBER | DESCRIPTION                    | QTY. |
|-------|-------------|--------------------------------|------|
| 1     | 7802033     | DOOR ASSEMBLY-ANTIPILFERAGE    | 1    |
| 2     | 7802032     | DOOR ASSEMBLY - REAR           | 1    |
| 3     | 7802036     | VEND DOOR ASSY-FOAMED          | 1    |
| 4     | 1572315     | SPACER-DELIVERY DOOR           | 2    |
| 5     | 1572425     | SIDE PLATE ASSEMBLY-R.H.       | 1    |
| 6     | 1572416     | SLEEVE-DELIVERY DOOR           | 2    |
| 7     | 1572353     | ARM ASSEMBLY-SPRING ASSIST     | 1    |
| 8     | 9900184     | NUT 1/4-20 SELF-LOCKING        | 3    |
| 9     | 1572452     | SLEEVE-PILFER DOOR-L.H.        | 1    |
| 10    | 9900437     | RETAINING RING REINF E TYP.375 | 1    |
| 11    | 1572420     | SPRING                         | 1    |
| 12    | 1572423     | ACTUATOR ASSY.-SPRING ASSIST   | 1    |
| 13    | 9900081     | NUT #8-32 KEPS ZINC PLATE      | 2    |
| 14    | 1572421     | ANCHOR-SPRING                  | 1    |
| 15    | 7802073     | ANCHOR-SPRING                  | 1    |
| 16    | 4721035     | SCREW-#8-18 X .38-LGM          | 1    |
| 17    | 7802024     | DELIVERY PAN                   | 1    |

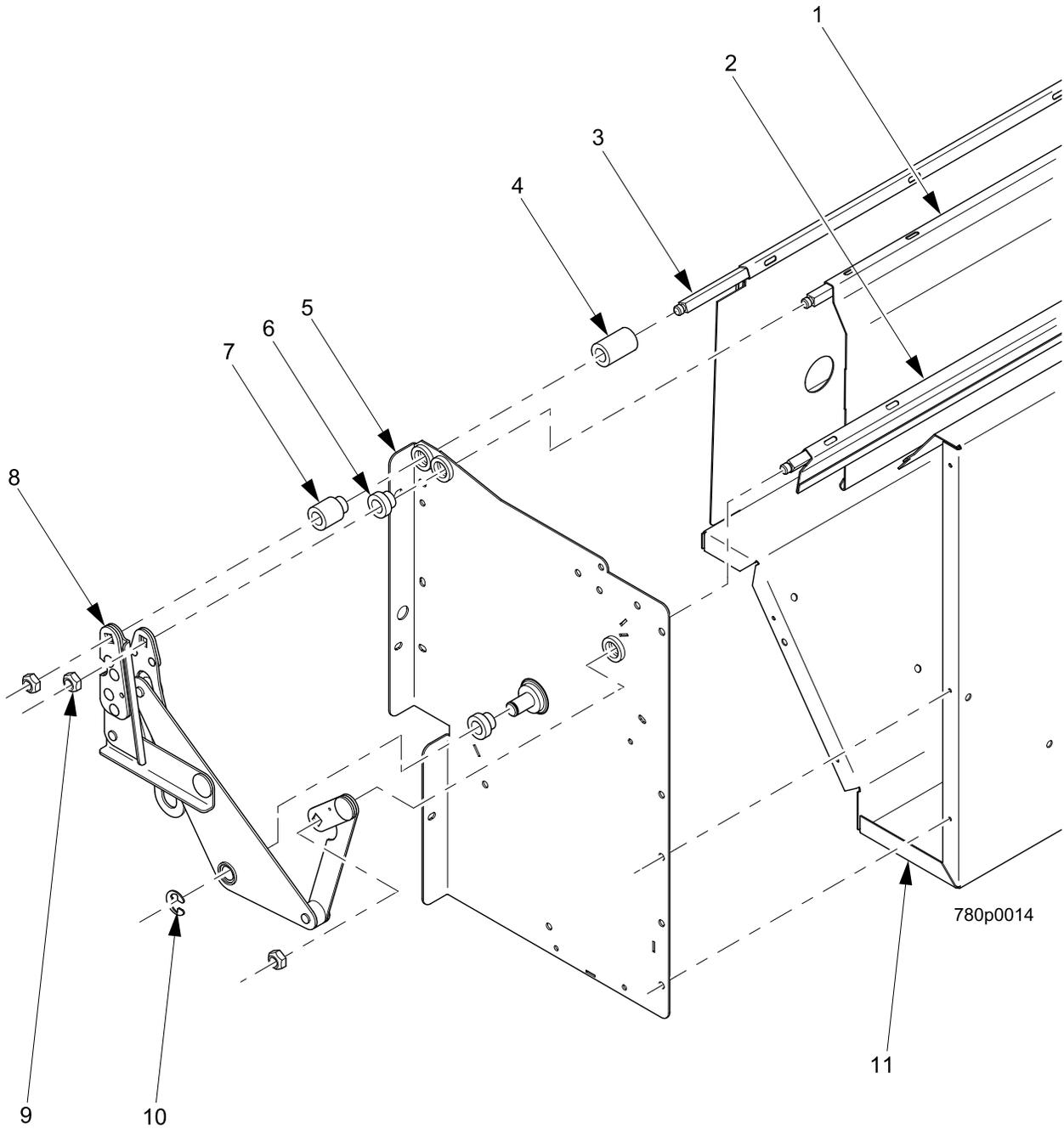
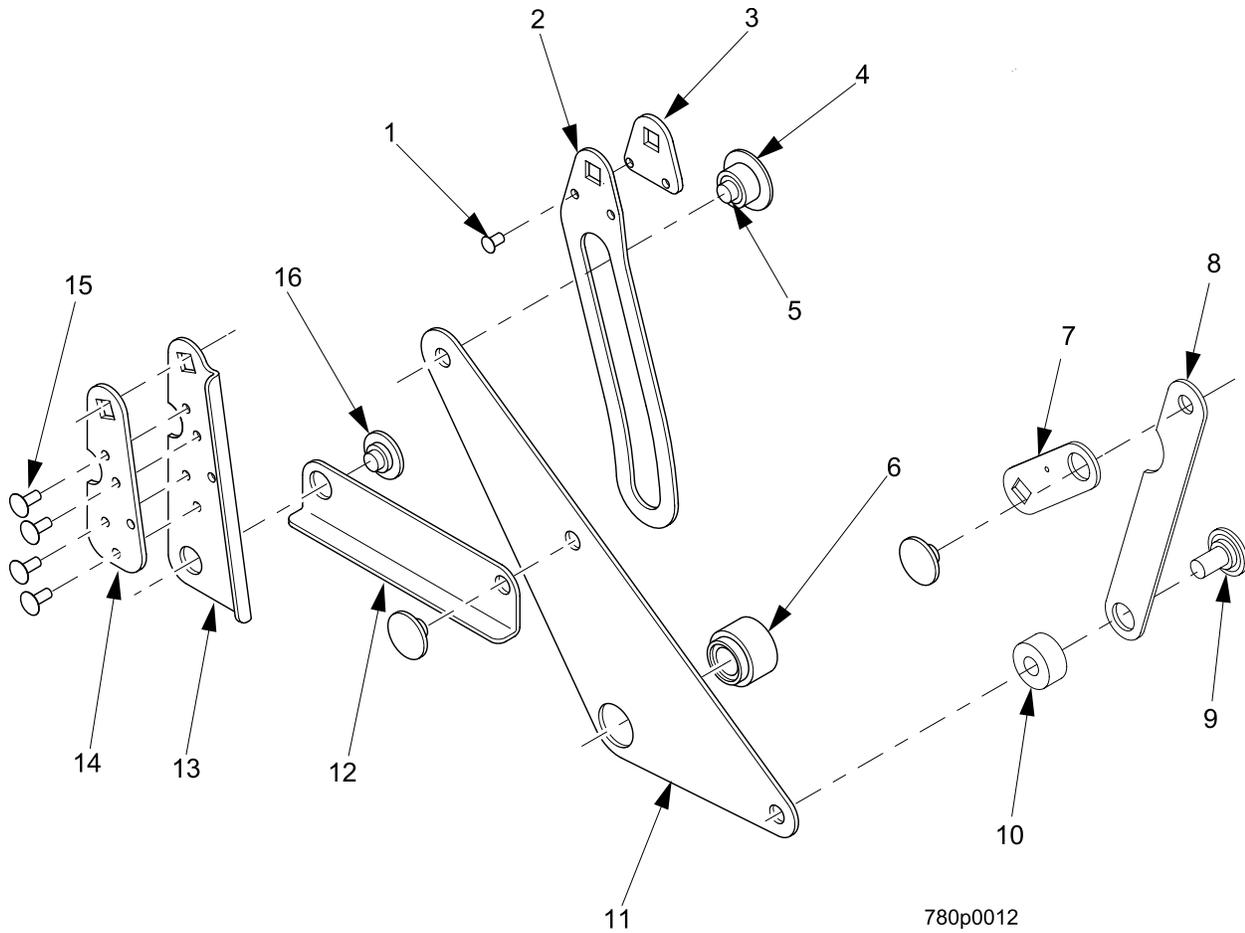


FIGURE 6: DELIVERY BIN (3 OF 4)

TABLE 6: DELIVERY BIN (3 OF 4)

| INDEX | PART NUMBER | DESCRIPTION                    | QTY. |
|-------|-------------|--------------------------------|------|
| 1     | 7802033     | DOOR ASSEMBLY-ANTIPIILFERAGE   | 1    |
| 2     | 7802032     | DOOR ASSEMBLY - REAR           | 1    |
| 3     | 7802036     | VEND DOOR ASSY-FOAMED          | 1    |
| 4     | 1572315     | SPACER-DELIVERY DOOR           | 1    |
| 5     | 1572424     | SIDE PLATE ASSEMBLY-L.H.       | 1    |
| 6     | 1572417     | SLEEVE-PILFER & REAR DR.-R.H.  | 1    |
| 7     | 1572416     | SLEEVE-DELIVERY DOOR           | 1    |
| 8     | 1572410     | LINKAGE ASSEMBLY-R.H.          | 1    |
| 9     | 9900184     | NUT 1/4-20 SELF-LOCKING        | 3    |
| 10    | 9900437     | RETAINING RING REINF E TYP.375 | 1    |
| 11    | 7802024     | DELIVERY PAN                   | 1    |

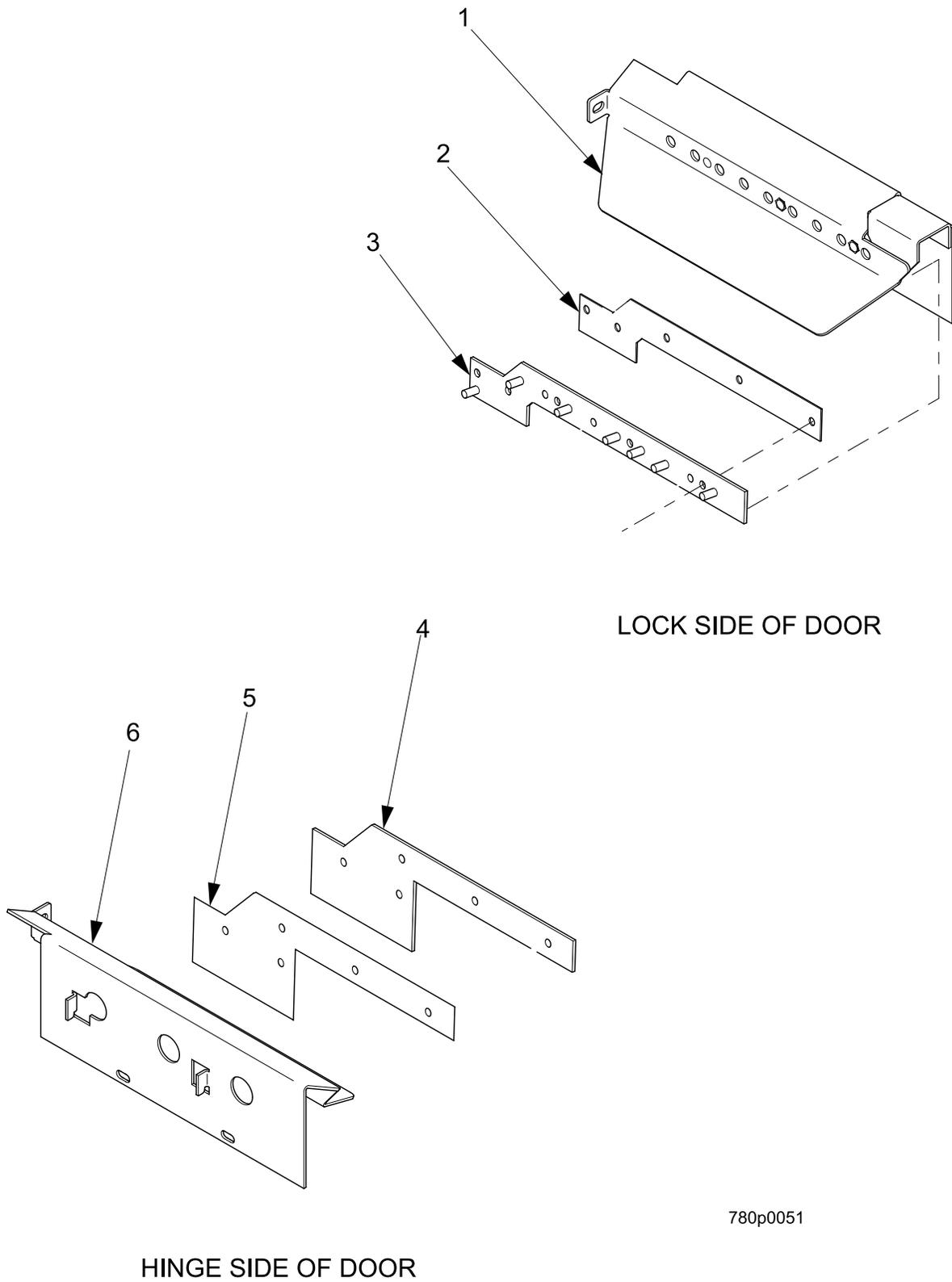


780p0012

FIGURE 7: DELIVERY BIN (4 OF 4)

TABLE 7: DELIVERY BIN (4 OF 4)

| INDEX | PART NUMBER | DESCRIPTION                     | QTY. |
|-------|-------------|---------------------------------|------|
| 1     | 9900141     | RIVET SEMI-TUBULAR.120 D.X.203  | 2    |
| 2     | 1572334     | ARM-PILFER.DOOR-72DEG(REF.ITEM) | 1    |
| 3     | 1572335     | PLATE-BACKING-PILFER            | 1    |
| 4     | 1572319     | ROLLER-INTERMEDIATE ARM ASSY    | 1    |
| 5     | 1572320     | STUD-INTERMEDIATE ARM ASSY      | 1    |
| 6     | 1572316     | COLLAR-INTERMEDIATE ARM         | 1    |
| 7     | 1572387     | ARM-REAR-DELIVERY DOOR          | 1    |
| 8     | 1572386     | LINK-REAR-DELIVERY DOOR         | 1    |
| 9     | 1572408     | SPACER-STUD                     | 1    |
| 10    | 1572407     | STUD-LINKAGE ASSY-LONG          | 1    |
| 11    | 1572304     | ARM-INTRMED.-DEL.DOOR(REF.ITEM) | 1    |
| 12    | 1572303     | LINK-INTERMED.-DEL.DOOR         | 1    |
| 13    | 1572356     | ARM-DEL.DR-20.5DEG(REF.ITEM)    | 1    |
| 14    | 1572357     | PLATE-BACKING-20.5 DEG.         | 2    |
| 15    | 1572330     | RIVET-SEMI-TUBULAR-.120 DIA.X   | 4    |
| 16    | 1572318     | STUD-LINKAGE ASSEMBLY           | 3    |



780p0051

**FIGURE 8: SUREVEND**

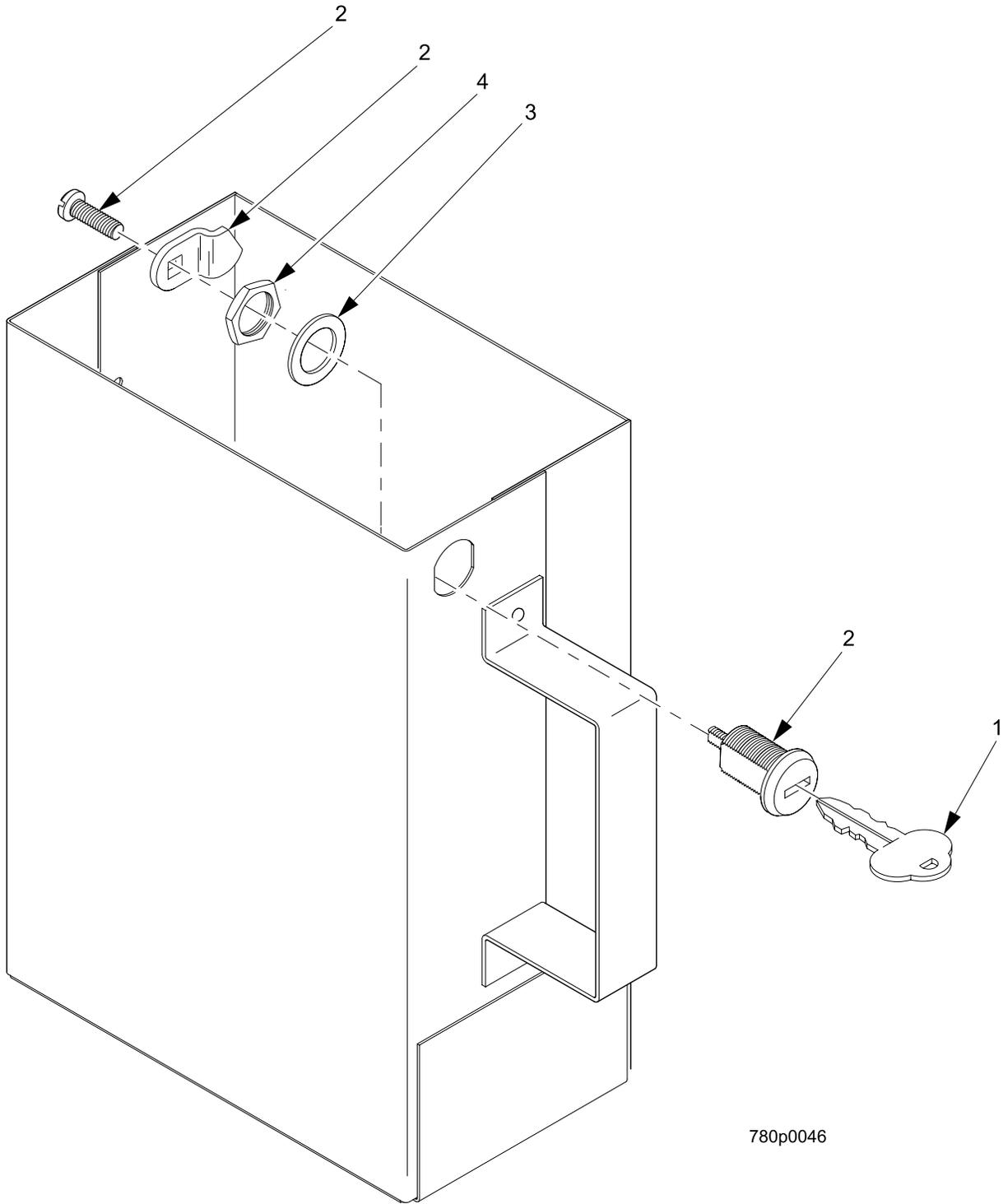
**TABLE 8: SUREVEND**

| <b>INDEX</b> | <b>PART NUMBER</b> | <b>DESCRIPTION</b>             | <b>QTY.</b> |
|--------------|--------------------|--------------------------------|-------------|
| 1            | 7802043            | BRKT-W/A-EMITTER-SURE VEND     | 1           |
| 2            | 1672050            | PAPER BACKING-LT PCB-SURE VEND | 1           |
| 3            | 1676011            | PCB ASSY-PRODUCT DET.-RECEIVER | 1           |
| 4            | 1676000            | PCB ASSY-PRODUCT DET.-EMITTER  | 1           |
| 5            | 1672051            | PAPER BACKING-RT PCB-SURE VEND | 1           |
| 6            | 7802034            | SENSOR BRK ASSY-RECEIVER-SV    | 1           |



TABLE 9: CABINET ASSY

| INDEX | PART NUMBER | DESCRIPTION                    | QTY |
|-------|-------------|--------------------------------|-----|
| 1     | 7801107     | FOAMED CABINET ASSEMBLY        | 1   |
| 2     | 7801120     | KNOCKOUT-TOP ASSEMBLY          | 1   |
| 3     | 1451097     | SCREW-#8-32X.31 HEX HD.TF-BLK. | 4   |
| 4     | 7801168     | COVER TRIAC                    | 1   |
| 5     | 7801143     | BRACKET MONETARY TRIAC         | 1   |
| --    | 9989887     | PCB ASSY - RC-I TRIAC          | --  |
| 6     | 9989886     | PCB-RC-1 TRIAC                 | 1   |
| 7     | 9983778     | TRIAC-35A-600V                 | 1   |
| 8     | 1571074     | LOCK ARM-CABINET               | 2   |
| 9     | 6231242     | CHUTE-PAYOUT                   | 1   |
| 10    | 7801074     | TOP HOUSING MONEY BOX          | 1   |
| 11    | 7801073     | MONEY BOX ASSY.                | 1   |
| 12    | 7801075     | FLOOR HOUSING MONEY BOX        | 1   |
| 13    | 7801124     | KNOCKOUT-BOTTOM ASSEMBLY       | 1   |
| 14    | 4321150     | SCREEN-INLET AIR               | 1   |
| 15    | 7801147     | FRAME INLET SCREEN             | 1   |
| 16    | 7801154     | OUTLET DIFFUSER                | 1   |
| 17    | 4321156     | SCREEN-OUTLET AIR              | 1   |

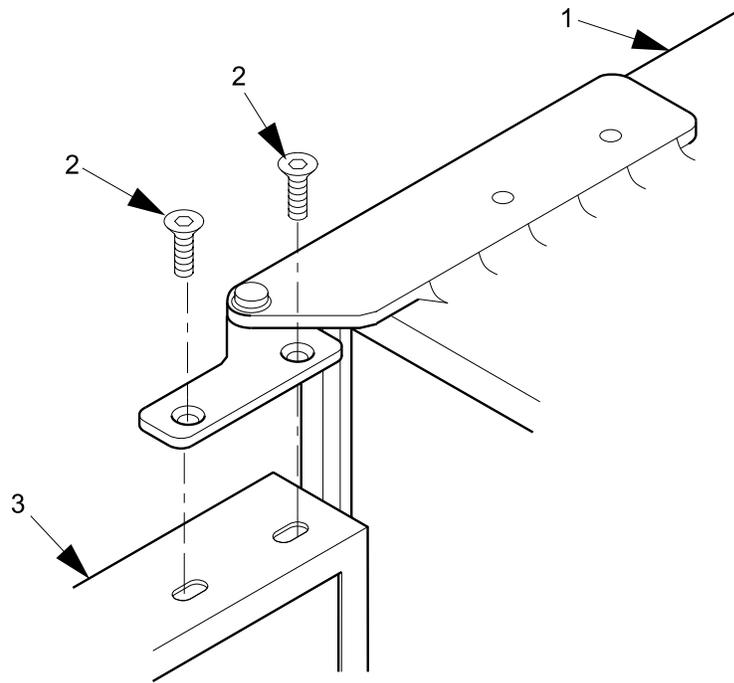


780p0046

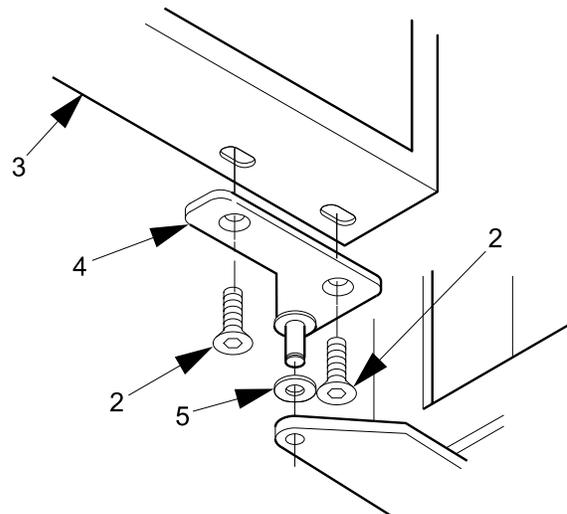
**FIGURE 10: CASH BOX LOCK**

TABLE 10: CASH BOX LOCK

| INDEX | PART NUMBER | DESCRIPTION                    | QTY |
|-------|-------------|--------------------------------|-----|
| --    | 1470761     | MONEY BOX LOCK(ITEMS 1-4)      | --  |
| 1     | 2221920     | KEY-CHICAGO LK-#1801 NV407, KB | 1   |
| 2     | 1101906     | MONEY BOX LOCK-#1801, KA NV407 | 1   |
| 3     | 2222604     | WASHER-LOCK BARREL-#2693       | 1   |
| 4     | 2222603     | NUT-LOCK RETAINING             | 1   |



UPPER DOOR HINGE ASSY



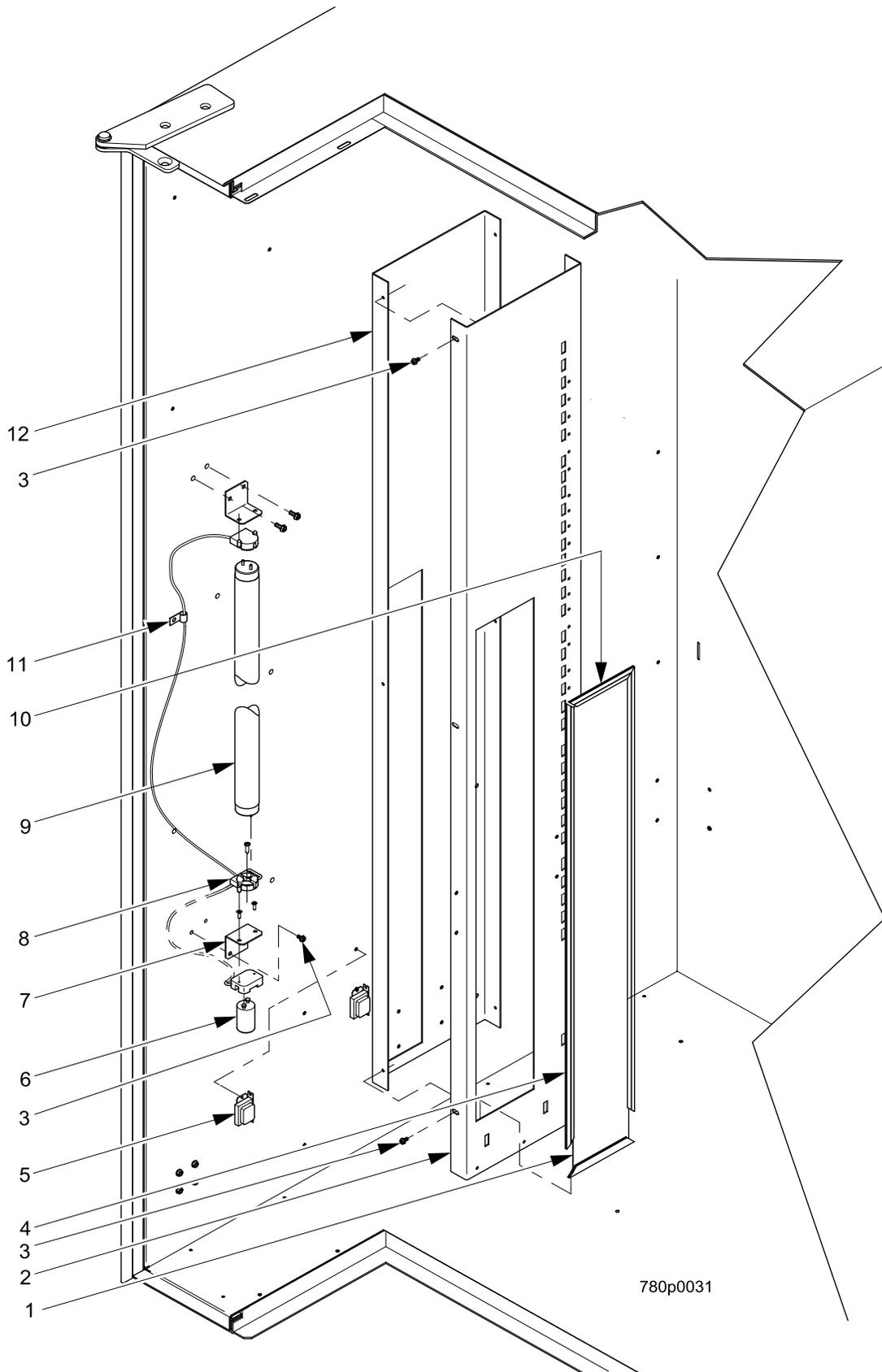
780p0041

LOWER DOOR HINGE ASSY

FIGURE 11: DOOR HINGE

TABLE 11: DOOR HINGE

| INDEX | PART NUMBER | DESCRIPTION                    | QTY |
|-------|-------------|--------------------------------|-----|
| 1     | 7801096     | WELD ASSY CABINET(REF.ITEM)    | --  |
| 2     | 6232036     | SCREW-5/16-18X.75 FLT.HDSOCKET | 4   |
| 3     | 7802062     | WELD ASSY-DOOR-GPL-"T" BLACK   | 1   |
| 4     | 6232031     | HINGE ASSY-DOOR-LOWER          | 1   |
| 5     | 4242145     | BEARING-THRUST-LOWER HINGE KB  | 1   |

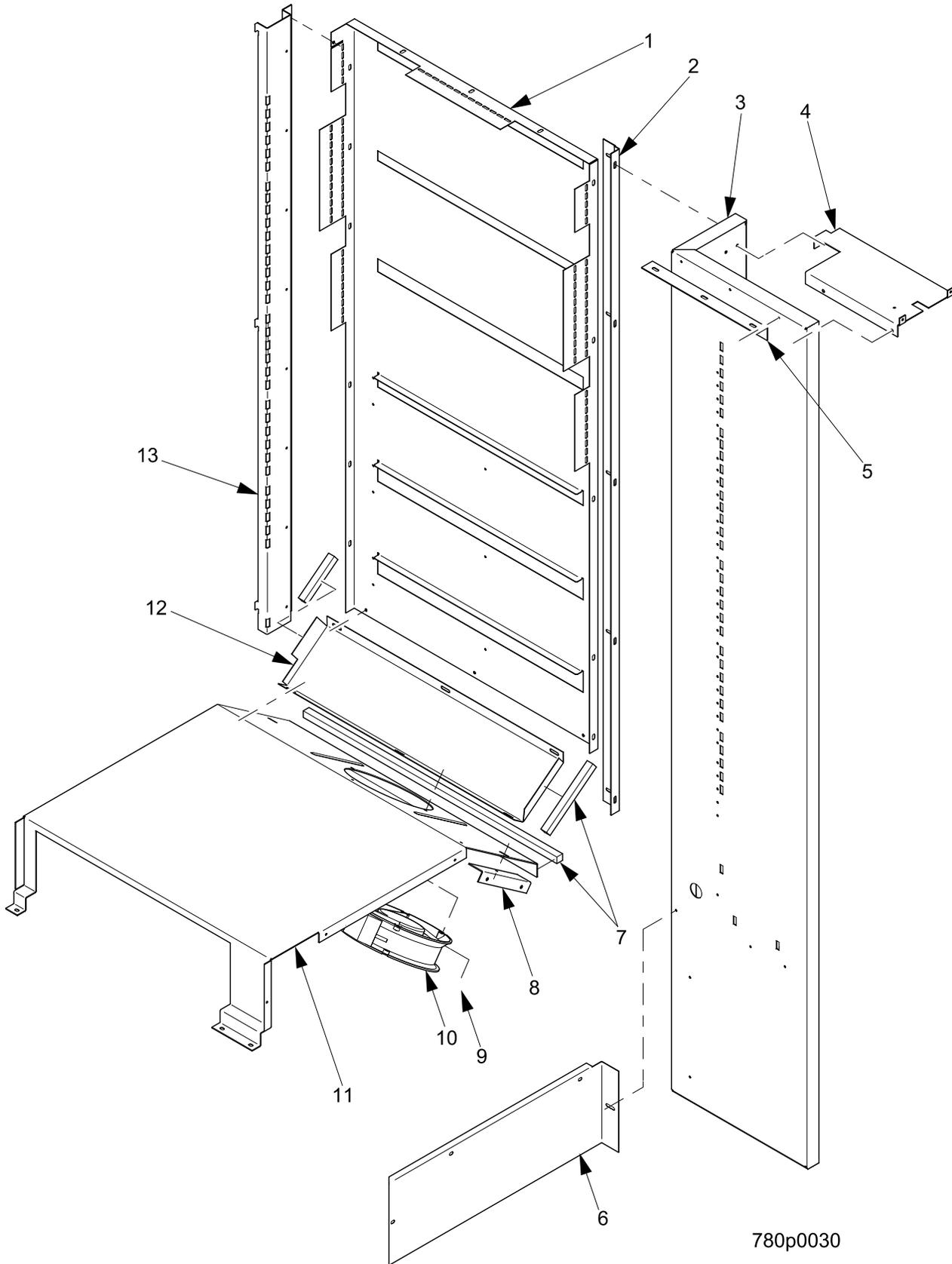


780p0031

FIGURE 12: LIGHTING CHANNEL

TABLE 12: LIGHTING CHANNEL)

| INDEX | PART NUMBER | DESCRIPTION                    | QTY |
|-------|-------------|--------------------------------|-----|
| 1     | 7801125     | LEXAN PANEL                    | 1   |
| 2     | 7801142     | CHANNEL RAIL MNT FL OUTER      | 1   |
| 3     | 1451097     | SCREW-#8-32X.31 HEX HD.TF-BLK. | 4   |
| 4     | 7801126     | FRAME LONG                     | 2   |
| 5     | 3151058     | BALLAST ASSY-14/20 WATT-120V   | 2   |
|       | 6332009     | BALLAST ASSY-18 WATT-230V      |     |
| 6     | 2302218     | STARTER-FLSCT LAMP-FS-25       | 1   |
| 7     | 7801153     | BRACKET LIGHT                  | 2   |
| 8     | 7809005     | HARNESS-LIGHT & FILTER ASSY    | 1   |
| 9     | 6732034     | LAMP-FLUORESCENT-18 WATT       | 1   |
| 10    | 7801127     | FRAME SHORT                    | 2   |
| 11    | 1211161     | CABLE CLAMP-RICHCO#N4          | 2   |
| 12    | 7801141     | CHANNEL RAIL MNT FL INNER      | 1   |



780p0030

FIGURE 13: EVAPORATOR FAN ASSY

TABLE 13: EVAPORATOR FAN ASSY

| INDEX | PART NUMBER | DESCRIPTION                       | QTY. |
|-------|-------------|-----------------------------------|------|
| 1     | 7801155     | PANEL AIR SUPPLY                  | 1    |
| 2     | 7801144     | BRACKET MONETARY LONG             | 1    |
| 3     | 7801131     | PANEL MONETARY ASSY FORWARD       | 1    |
| 4     | 7801078     | BRACKET-ALIGNMENT                 | 1    |
| 5     | 7801151     | BRKT UPPER MONETARY ANGLE         | 1    |
| 6     | 7801152     | FRONT EVAPORATOR COVER            | 1    |
| 7     | 4744031     | SEAL-.50 X.50                     | 87   |
| 8     | 7801150     | ANGLE-FAN-SUPPORT                 | 2    |
| 9     | 3104124     | SCREW-#8-32 X 5/8 PHS SS          | 2    |
| --    | 4402043     | NUT-#8-32 W/L.W.-S.S. (NOT SHOWN) | 2    |
| 10    | 4314014     | FAN-EVAPORATOR-AXIAL-110V         | 1    |
|       | 7804013     | FAN-EVAPORATOR-AXIAL-230V         | 1    |
| 11    | 7801145     | PANEL-EVAPORATOR-COVER            | 1    |
| 12    | 7801148     | PANEL FAN ACCESS                  | 1    |
| 13    | 7801139     | CHANNEL RAIL MOUNT RR             | 1    |

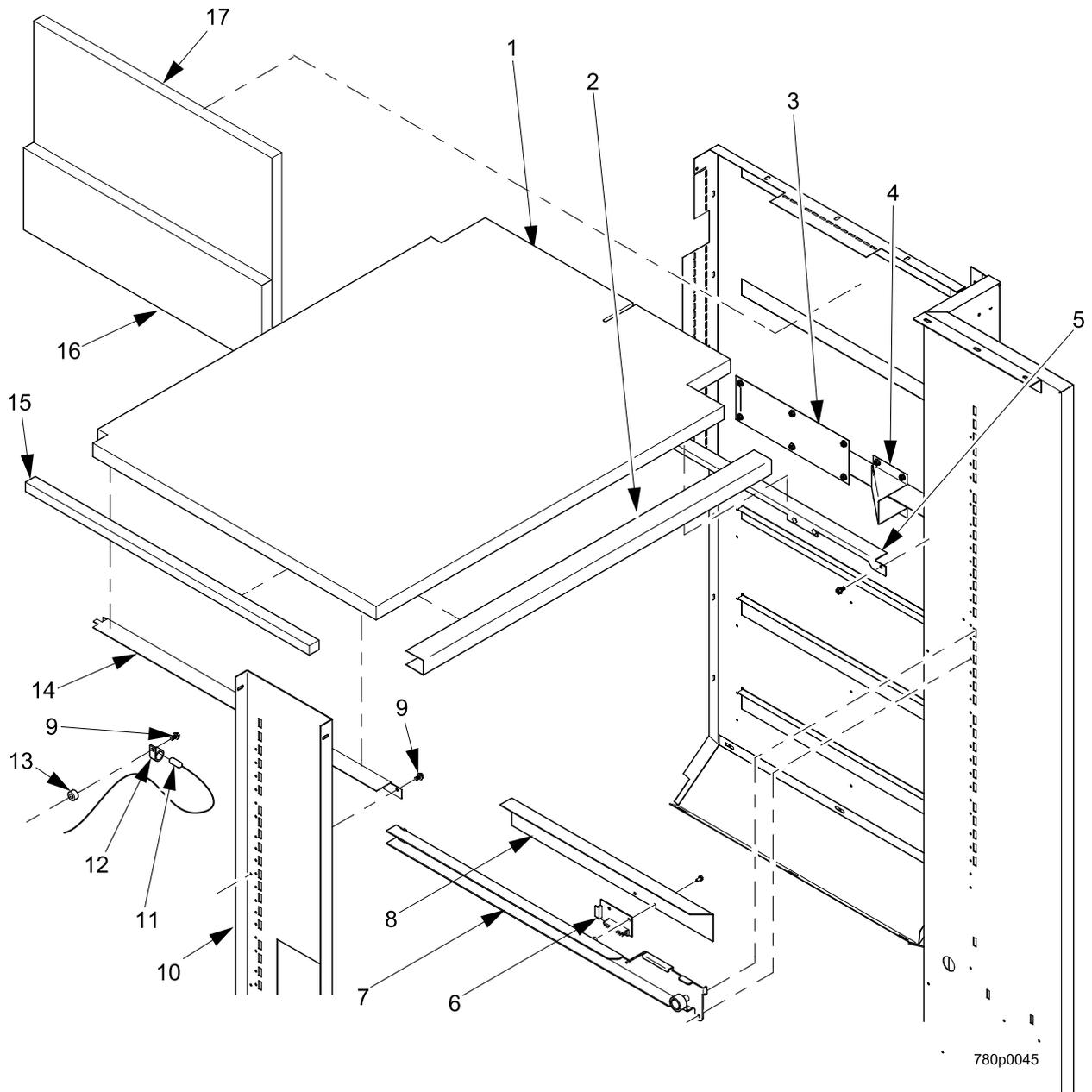


FIGURE 14: DUAL ZONE COMPONENTS VERSION I DUCT SYSTEM

TABLE 14: DUAL ZONE COMPONENTS VERSION I DUCT SYSTEM

| INDEX | PART NUMBER | DESCRIPTION  | QTY. |
|-------|-------------|--|------|
| 1     | 7801165     | DIVIDER SHELF                                      | 1    |
| 2     | 7801166     | COVER FRONT EDGE BARRIER                           | 1    |
| 3     | 7801175     | AIR PLATE-USED FOR TWO TRAY CONFIGURATION ONLY     | 1    |
| 4     | 7801174     | AIR DEFLECTOR-USED FOR TWO TRAY CONFIGURATION ONLY | 1    |
| 5     | 7801181     | RAIL-RH-THERM BARRIER W/STANDO                     | 1    |
| 6     | 1596014     | PCB ASSEMBLY-TRAY                                  | 1    |
| 7     | 7801049     | GUIDE RAIL AY R.H. W/STANDOFFS                     | 1    |
| 8     | 7801052     | SHIELD-TRAY RAIL-PCB                               | 1    |
| 9     | 1451097     | SCREW-#8-32X.31 HEX HD.TF-BLK.                     | 2    |
| 10    | 7801142     | CHANNEL RAIL MNT FL OUTER                          | 1    |
| 11    | 9987852     | PROBE-TEMP.SENSOR                                  | 1    |
| 12    | 1211161     | CABLE CLAMP-RICHCO#N4                              | 1    |
| 13    | 4302134     | SPACER-P.C.BOARD                                   | 1    |
| 14    | 7801159     | RAIL-LH-THERMAL BARRIER                            | 1    |
| 15    | 4241148     | INSULATION-ROD-.50                                 | 22   |
| 16    | 7801170     | INSULATION BOARD-SMALL                             | 1    |
| 17    | 7801169     | INSULATION BOARD-LARGE                             | 1    |

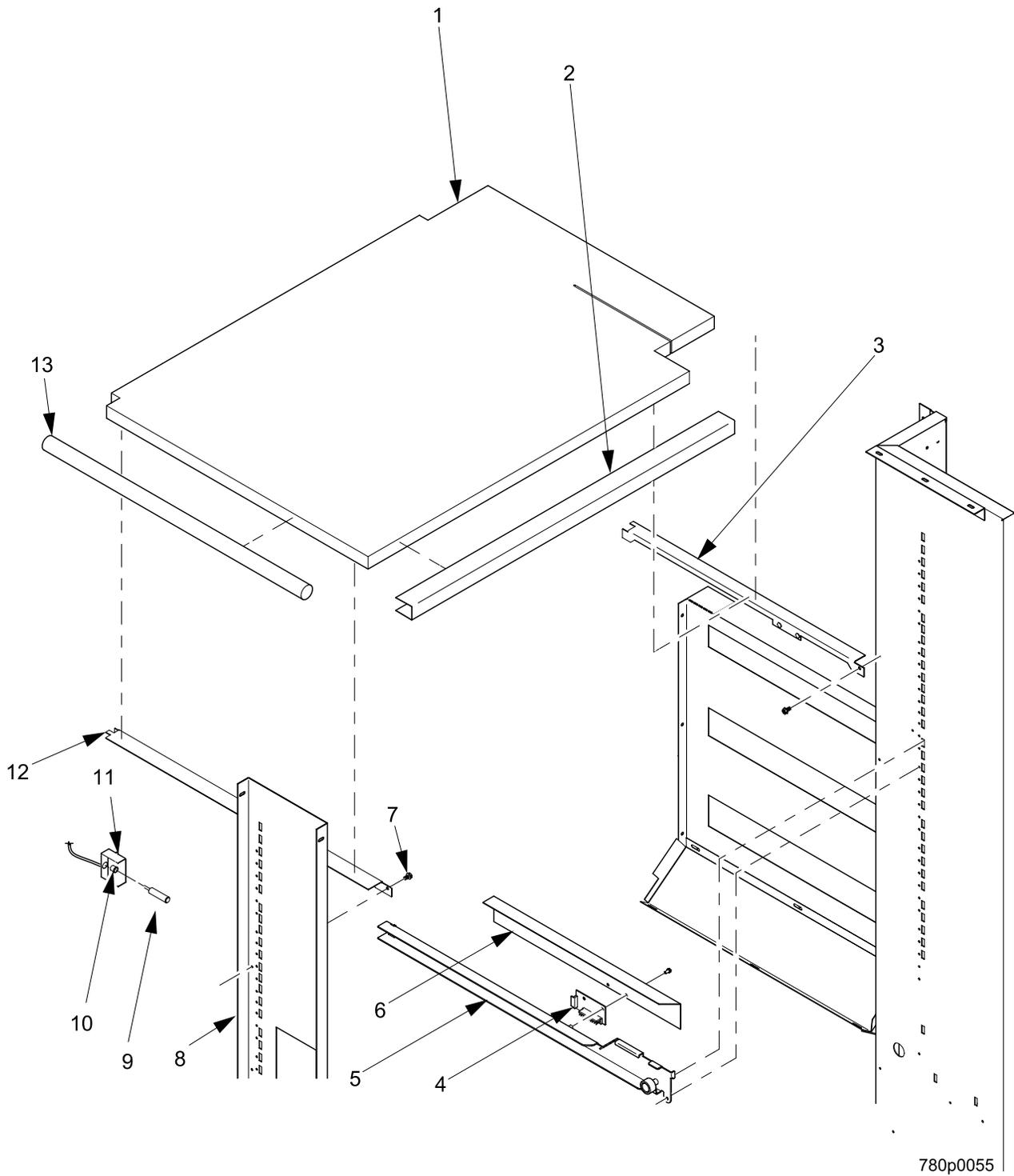
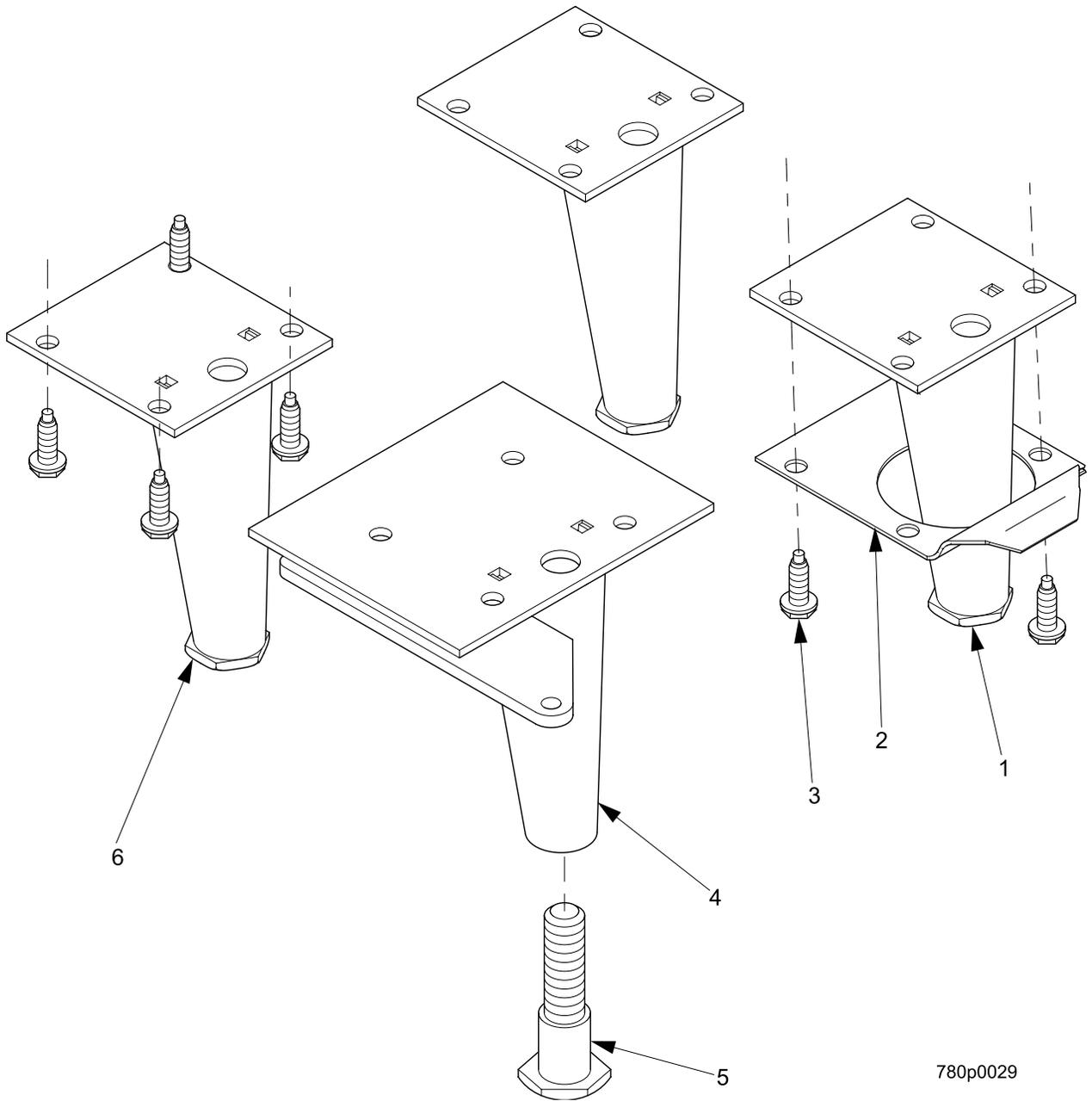


FIGURE 15: DUAL ZONE COMPONENTS VERSION II DUCT SYSTEM

TABLE 15: DUAL ZONE COMPONENTS VERSION II DUCT SYSTEM

| INDEX | PART NUMBER | DESCRIPTION                    | QTY. |
|-------|-------------|--------------------------------|------|
| 1     | 7801157     | DIVIDER-SHELF-VERSION 2        | 1    |
| 2     | 7801166     | COVER-FRONT EDGE BARRIER       | 1    |
| 3     | 7801181     | RAIL-RH-THERM BARRIER W/STANDO | 1    |
| 4     | 1596014     | PCB ASSEMBLY-TRAY              | 1    |
| 5     | 7801049     | GUIDE RAIL AY R.H. W/STANDOFFS | 1    |
| 6     | 7801052     | SHIELD-TRAY RAIL-PCB           | 1    |
| 7     | 1451097     | SCREW-#8-32X.31 HEX HD.TF-BLK. | 2    |
| 8     | 7801142     | CHANNEL RAIL MNT FL OUTER      | 1    |
| 9     | 9987852     | PROBE-TEMP.SENSOR              | 1    |
| 10    | 9985887     | BUSHING-STRAIN RELIEF          | 1    |
| 11    | 4321175     | COVER-TEMP. SENSOR             | 1    |
| 12    | 7801159     | RAIL-LH-THERMAL BARRIER        | 1    |
| 13    | 4241148     | INSULATION-ROD-.50             | 22   |



780p0029

FIGURE 16: CABINET LEGS

TABLE 16: CABINET LEGS

| INDEX | PART NUMBER | DESCRIPTION                                | QTY. |
|-------|-------------|--|------|
| 1     | 4311068     | LEG ASSY-CABINET-WELD                      | 3    |
| 2     | 7801081     | PLATE DOOR SUPPORT                         | 1    |
| 3     | 9900218     | SCREW-#5/16 X 1 W/LOCKING RING             | 16   |
| 4     | 1571115     | LEG & HINGE ASSY-WELD                      | 1    |
| 5     | 1471098     | LEVELER-CABINET                            | 4    |
| 6     | 1471237     | LEG & LEVELER ASSY-CABINET (ITEMS 1 AND 5) | --   |

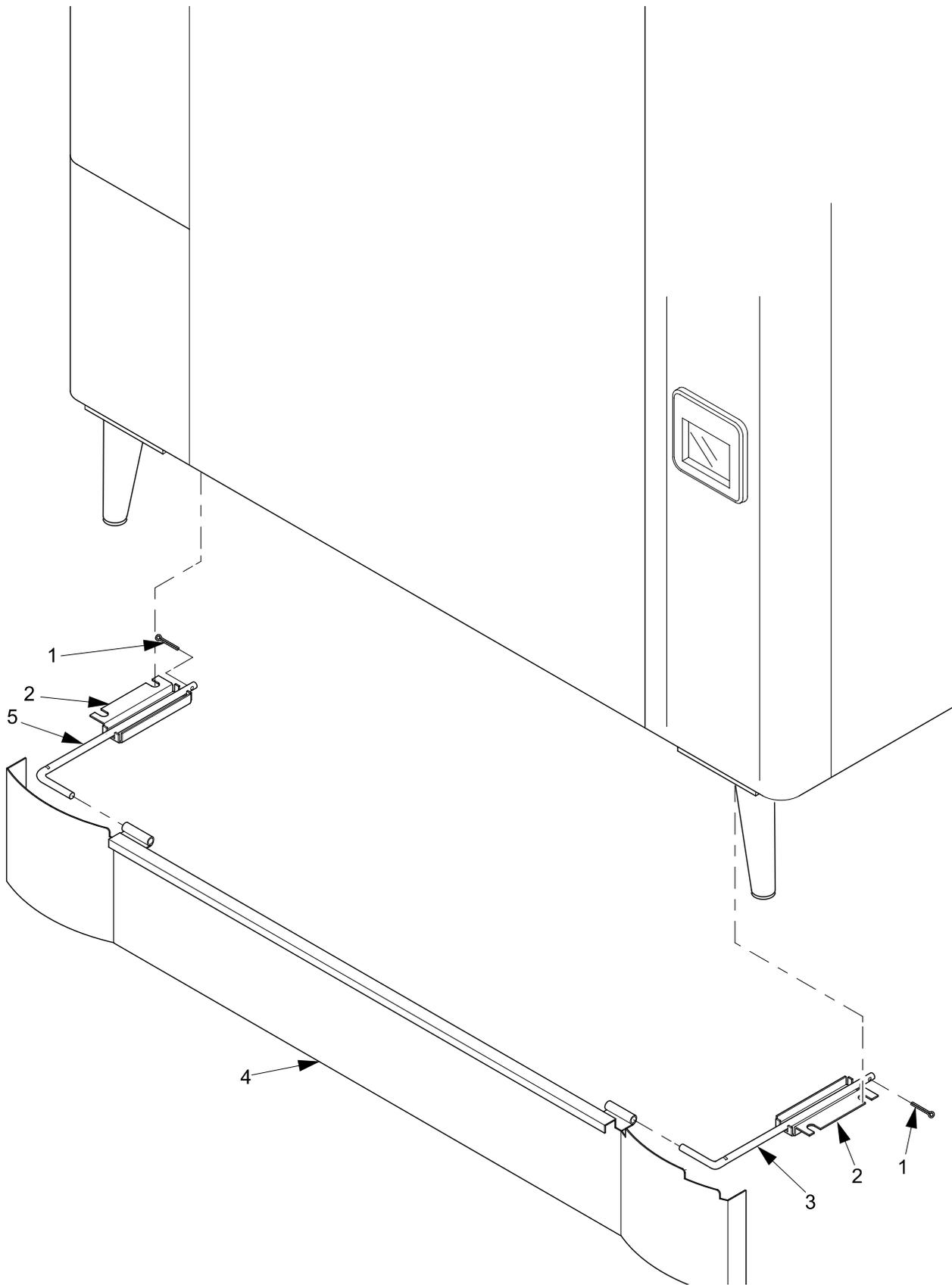


FIGURE 17: BASE PLATE

TABLE 17: BASE PLATE

| INDEX | PART NUMBER | DESCRIPTION                   | QTY. |
|-------|-------------|-------------------------------|------|
| 1     | 9900098     | COTTER PIN 3/32 X 3/4 IN      | 2    |
| 2     | 6231087     | BRACKET-BASE PLATE            | 2    |
| 3     | 1411194     | SLIDE-BASE PLATE-R.H.         | 1    |
| 4     | 1581050     | BASE PLATE ASSY-32"-MILLENNIA | 1    |
| 5     | 1411195     | SLIDE-BASE PLATE-L.H.         | 1    |

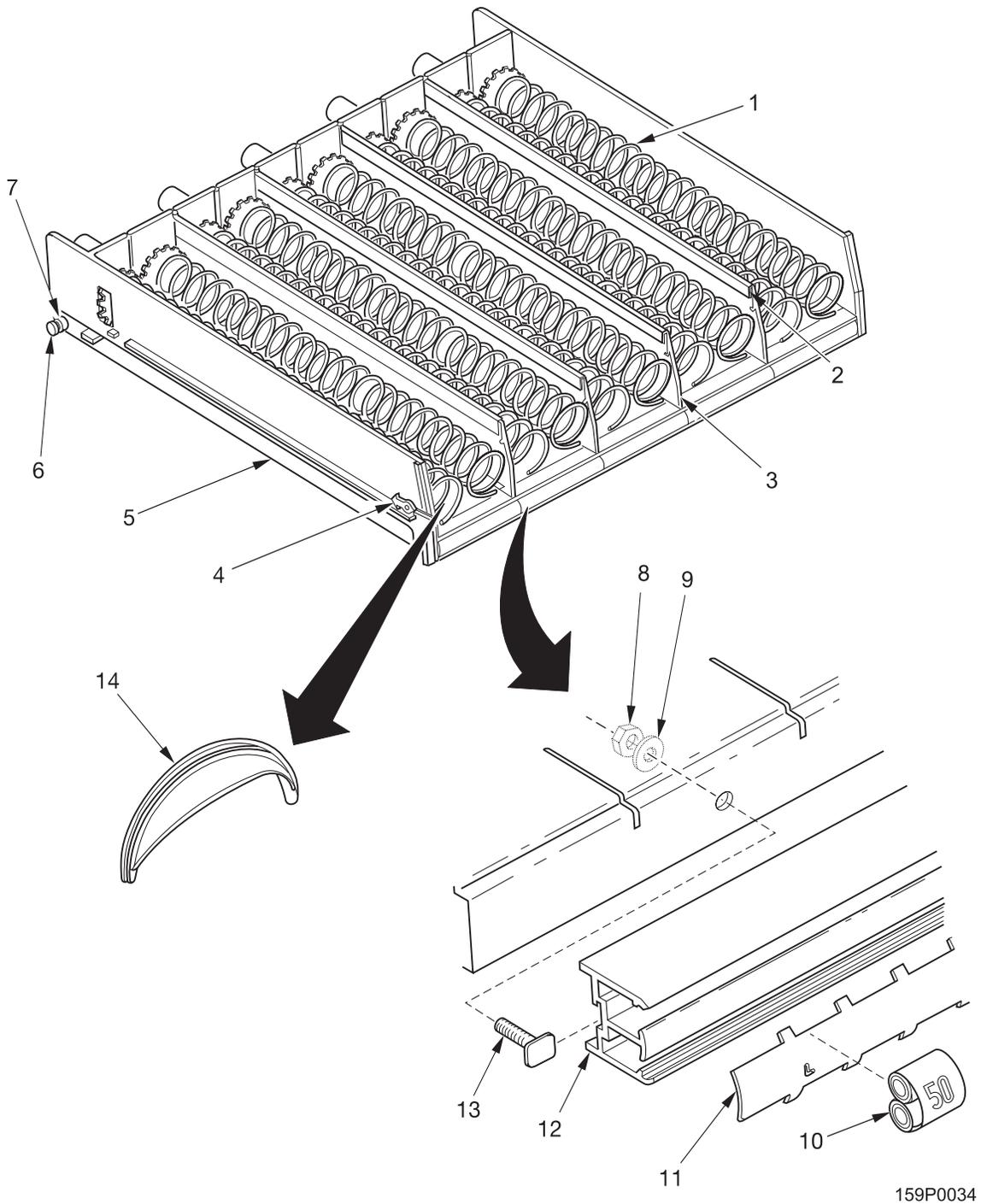


FIGURE 18: SNACK TRAY ASSY

TABLE 18: SNACK TRAY ASSY

| INDEX | PART NUMBER | DESCRIPTION  | QTY |
|-------|-------------|--|-----|
| --    | 1597001     | SNACK TRAY ASSEMBLY - 5 SNACK                              |     |
|       | 1470811     | SNACK TRAY ASSEMBLY - 5 SNACK                              |     |
| 1     | --          | SPIRAL AND RETAINER ASSEMBLY<br>(SEE TABLE 23B ON PAGE 49) | --  |
| 2     | 1677193     | SPACER - ADJUSTABLE  | 4   |
| 3     | 1477175     | WALL - TRAY  | 4   |
| 4     | 1477017     | LATCH  | 1   |
| 5     | 1577040     | TRAY - 5 & 10 DIVISION                                     | 1   |
| 6     | 1477097     | AXLE - TRAY ROLLER   | 2   |
| 7     | 1477148     | ROLLER - TRAY  | 2   |
| 8     | 9900030     | NUT #8-32 SELF - LOCKING                                   | 3   |
| 9     | 5560113     | WASHER - HOPPER RELEASE                                    | 3   |
| 10    | --          | PRICE ROLLS<br>(SEE TABLE 23A ON PAGE 48)                  | --  |
| 11    | 1477157     | HOLDER - PRICE & SELECTION                                 | 1   |
| 12    | 1477134     | RAIL - PRICE & SELECTION                                   | 1   |
| 13    | 2222031     | TEE BOLT - TRIM  | 3   |
| 14    | 1477074     | PUSHER - PRODUCT   | 10  |

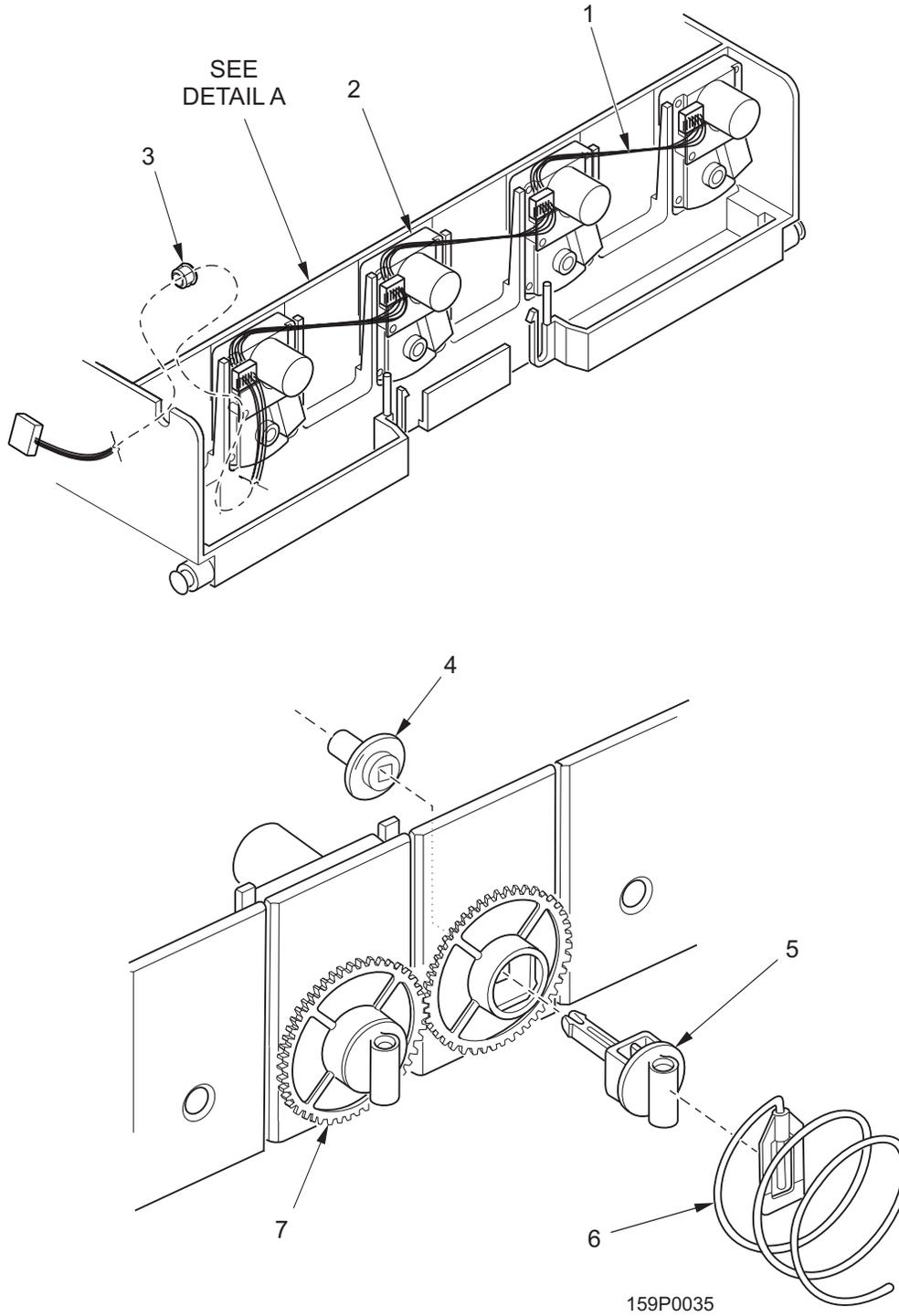


FIGURE 19: SNACK TRAY ASSY - REAR

TABLE 19: SNACK TRAY ASSY - REAR

| INDEX | PART NUMBER | DESCRIPTION                           | QTY. |
|-------|-------------|---------------------------------------|------|
| 1     | 1679010     | HARNESS - 5 MOTOR TRAY                | 1    |
| 2     | 1577038     | MOTOR & PCB ASSEMBLY                  | 5    |
| 3     | 9989821     | BUSHING - 0.512 DIAMETER              | 1    |
| 4     | 1477022     | BEARING - COUPLER                     | 5    |
| 5     | 1477113     | COUPLING - SPIRAL                     | 10   |
| 6     | --          | SPIRALS<br>(SEE TABLE 23B ON PAGE 49) | --   |
| 7     | 1477020     | GEAR - TRAY                           | 10   |

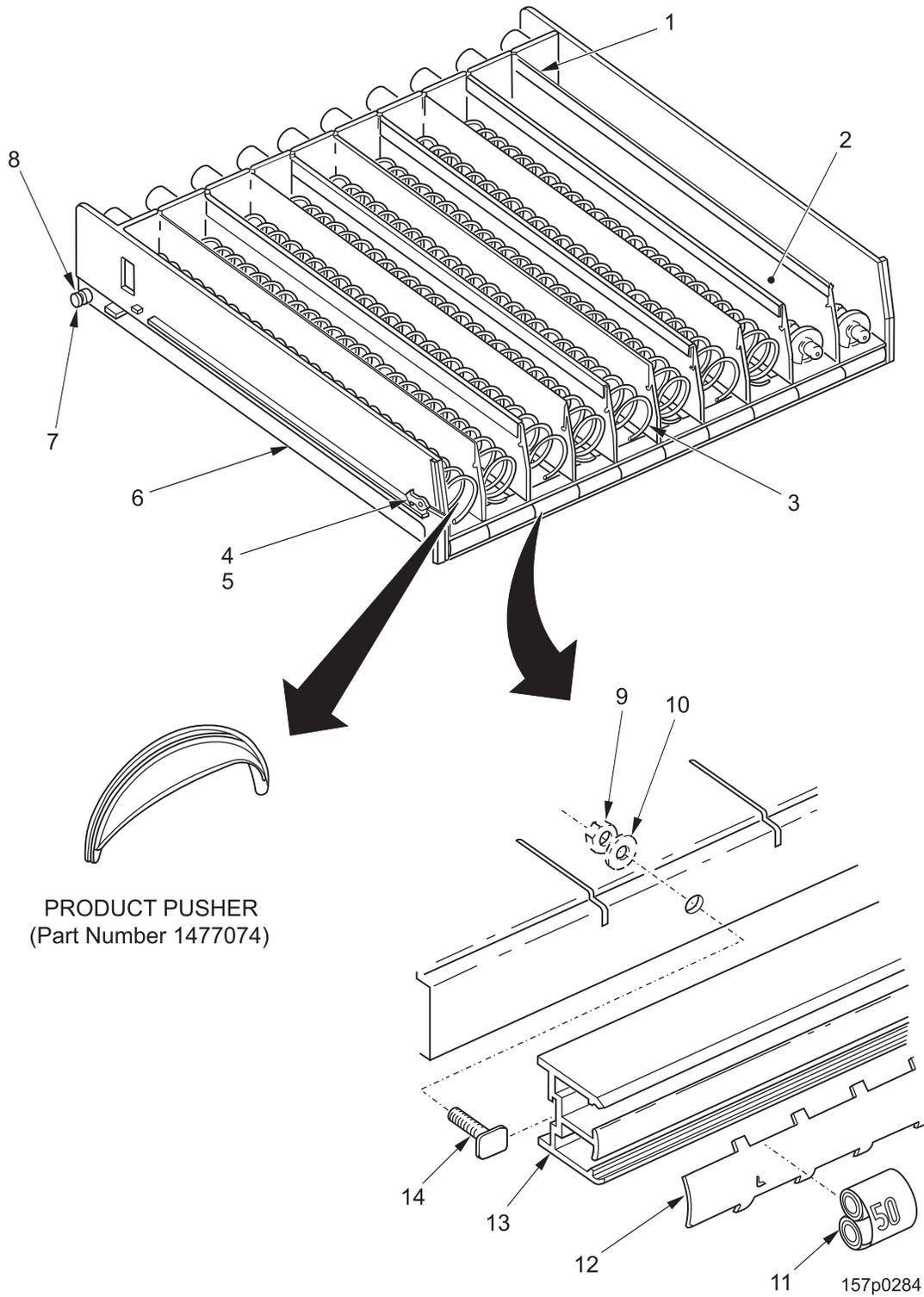


FIGURE 20: CANDY TRAY ASSY

TABLE 20: CANDY TRAY ASSY

| INDEX | PART NUMBER | DESCRIPTION                               | QTY. |
|-------|-------------|---|------|
|       | 1597002     | CANDY TRAY ASSEMBLY - 10 MOTOR            |      |
|       | 1470812     | CANDY TRAY ASSEMBLY - 10 MOTOR            |      |
| 1     | 1477175     | WALL - TRAY                               | 9    |
| 2     | 1677193     | SPACER - ADJUSTABLE                       | 4    |
| 3     | --          | SPIRALS<br>(SEE TABLE 23B ON PAGE 49)     | --   |
| 4     | 1477017     | LATCH                                     | 1    |
| 5     | 5201267     | PUSH-ON RETAINER - .312                   | 2    |
| 6     | 1577040     | TRAY - 5 & 10 DIVISION                    | 1    |
| 7     | 1477097     | AXLE - TRAY ROLLER                        | 2    |
| 8     | 1477148     | ROLLER - TRAY                             | 2    |
| 9     | 9900030     | NUT #8-32 SELF-LOCKING                    | 3    |
| 10    | 5560113     | WASHER - HOPPER RELEASE                   | 3    |
| 11    | --          | PRICE ROLLS<br>(SEE TABLE 23A ON PAGE 48) | 10   |
| 12    | 1477157     | HOLDER - PRICE & SELECTION                | 1    |
| 13    | 1477134     | RAIL - PRICE & SELECTION                  | 1    |
| 14    | 2222031     | TEE BOLT - TRIM                           | 3    |

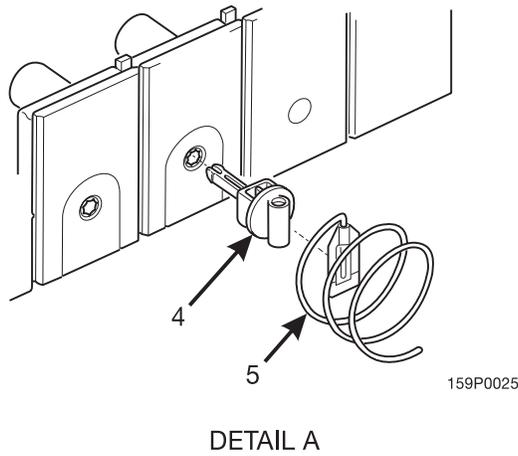
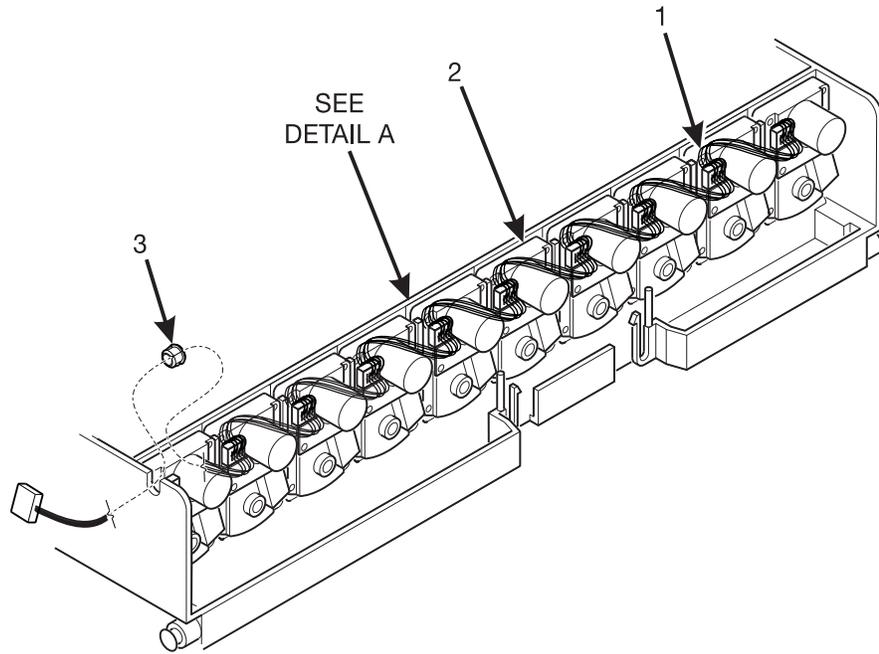


FIGURE 21: CANDY TRAY - REAR

TABLE 21: CANDY TRAY REAR

| INDEX | PART NUMBER | DESCRIPTION                           | QTY. |
|-------|-------------|---------------------------------------|------|
| 1     | 1679011     | HARNESS - 10 MOTOR TRAY               | 1    |
| 2     | 1577038     | MOTOR & PCB ASSEMBLY                  | 10   |
| 3     | 9989821     | BUSHING                               | 1    |
| 4     | 1477113     | COUPLING - SPIRAL                     | 10   |
| 5     | --          | SPIRALS<br>(SEE TABLE 23B ON PAGE 49) | --   |

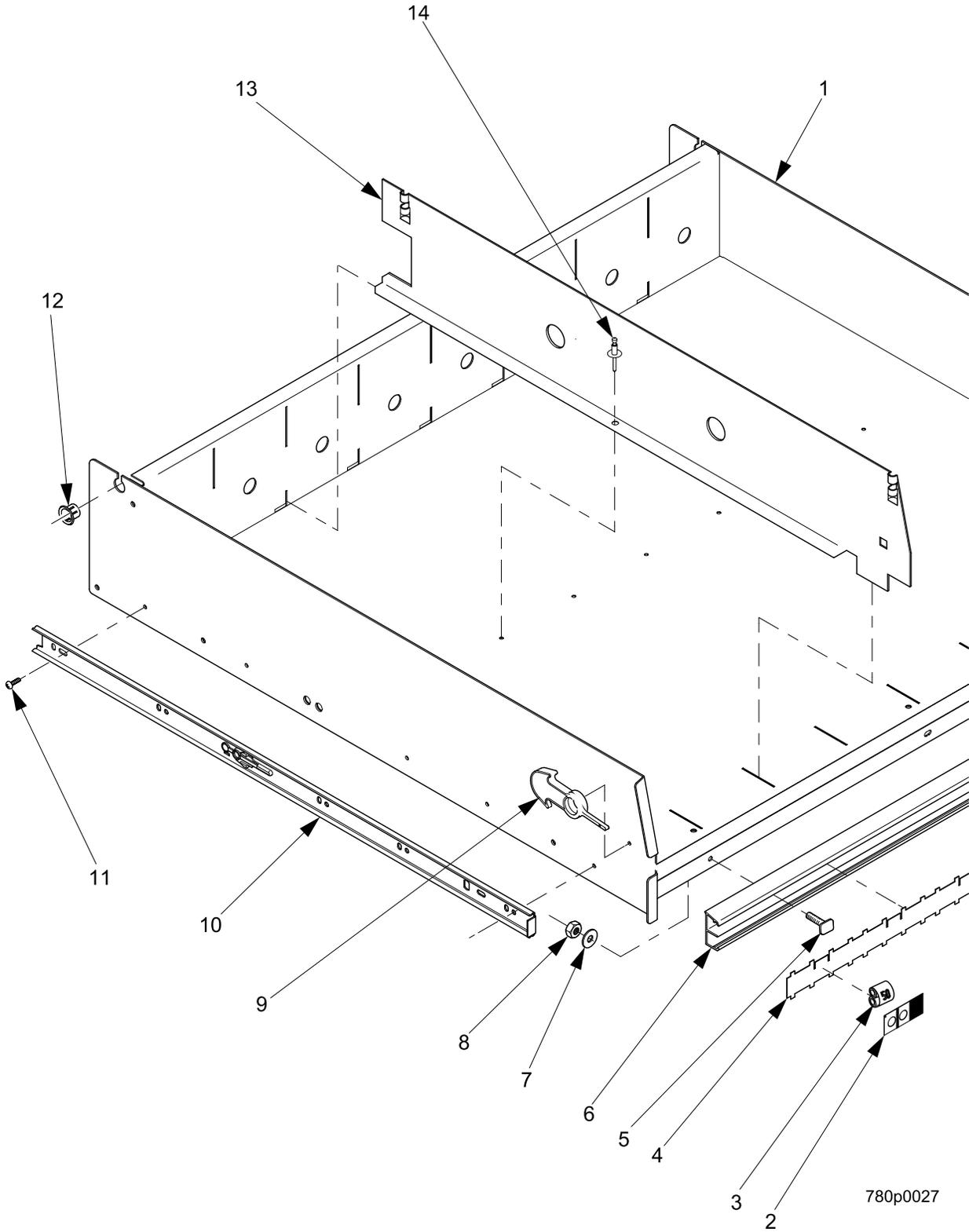
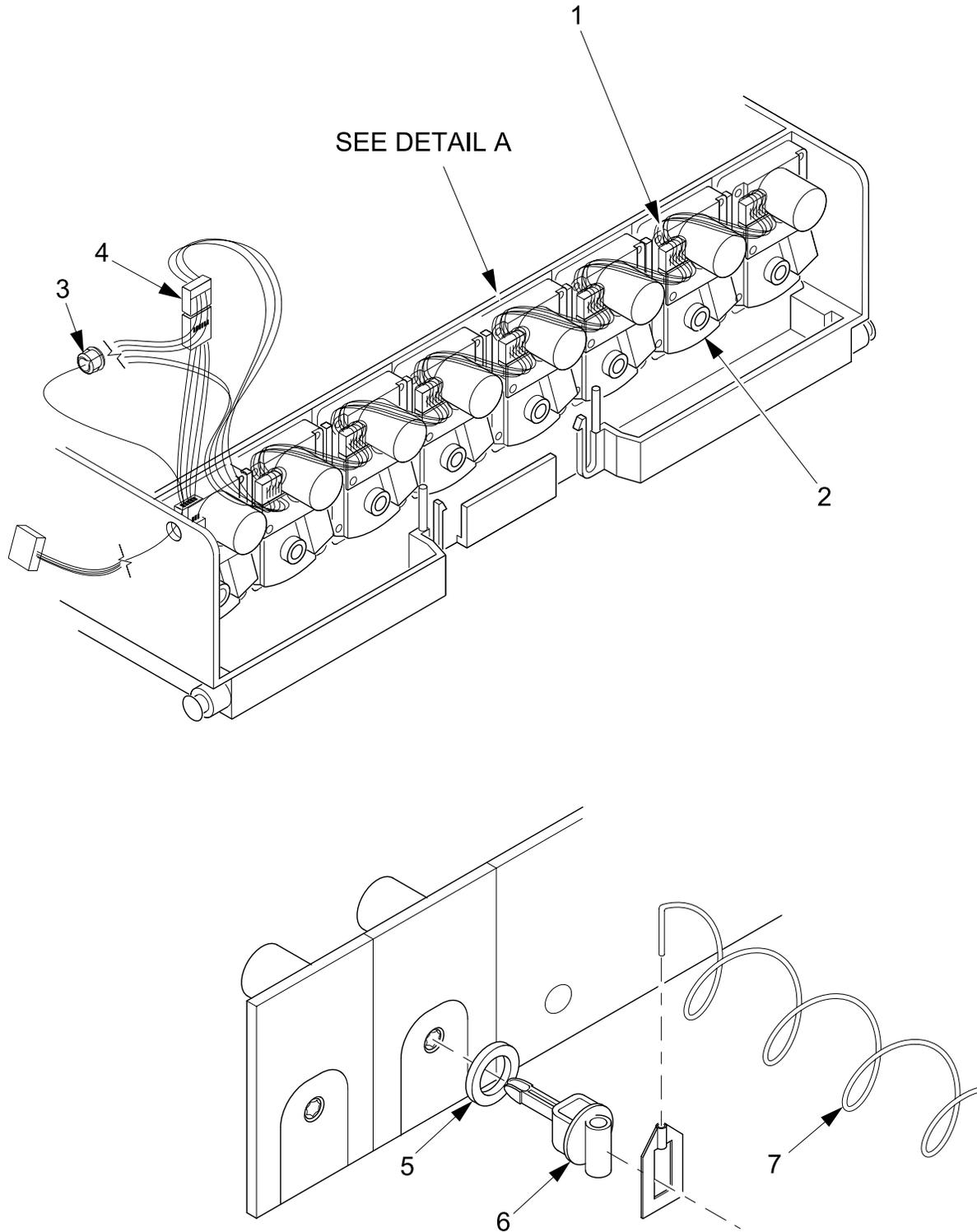


FIGURE 22: BOTTLE TRAY

TABLE 22: BOTTLE TRAY

| INDEX | PART NUMBER | DESCRIPTION                               | QTY |
|-------|-------------|---|-----|
| --    | 7807000     | BOTTLE TRAY ASSEMBLY                      | --  |
| 1     | 7807005     | TRAY ASSEMBLY WELDED                      | 1   |
| 2     | --          | PRICE ROLLS<br>(SEE TABLE 23A ON PAGE 48) | --  |
| 3     | 1577047     | LABEL-ITEM LETTERS-A0-A9                  | 1   |
|       | 1577048     | LABEL-ITEM LETTERS-B0-B9                  | 1   |
|       | 1577049     | LABEL-ITEM LETTERS-C0-C9                  | 1   |
|       | 1577050     | LABEL-ITEM LETTERS-D0-D9                  | 1   |
|       | 1577051     | LABEL-ITEM LETTERS-E0-E9                  | 1   |
|       | 1577052     | LABEL-ITEM LETTERS-F0-F9                  | 1   |
| 4     | 7807002     | HOLDER-PRICE & SELECTION                  | 1   |
| 5     | 2222031     | TEE BOLT-TRIM                             | 3   |
| 6     | 7807001     | RAIL-PRICE & SELECTION                    | 1   |
| 7     | 5560113     | WASHER-HOPPER RELEASE                     | 3   |
| 8     | 9900030     | NUT #8-32 SELF-LOCKING                    | 3   |
| 9     | 1477017     | LATCH                                     | 1   |
| 10    | 7801055     | SLIDE-TRAY                                | 2   |
| 11    | 4312217     | SCREW#8-32 X.50 PHILLIPS-PN HD            | 4   |
| 12    | 9989821     | BUSHING-0.512 DIAMETER                    | 1   |
| 13    | 1477175     | WALL-TRAY                                 | 7   |
| 14    | 3502078     | RIVET-POP-.125 DIA X .265                 | 7   |



DETAIL A

780p0028

FIGURE 23: BOTTLE TRAY - REAR

TABLE 23: BOTTLE TRAY - REAR

| INDEX | PART NUMBER | DESCRIPTION                          | QTY. |
|-------|-------------|--------------------------------------|------|
| 1     | 7809007     | HARNESS-8 MOTOR TRAY                 | 1    |
| 2     | 1577038     | MOTOR & PC BOARD ASSEMBLY            | 8    |
| 3     | 9989821     | BUSHING-0.512 DIAMETER               | 1    |
| 4     | 1599024     | HARNESS-MOTOR COUPLER                | --   |
| 5     | 1477113     | COUPLING-SPIRAL                      | 8    |
| 6     | --          | SPIRAL<br>(SEE TABLE 23B ON PAGE 49) | --   |

TABLE 23A: PRICE ROLLS (FOR TRAYS)

| PART NUMBER | DESCRIPTION                            |
|-------------|--|
| 1477014     | PRICE ROLL - CENTS                     |
| 1477015     | PRICE ROLL - DOLLARS                   |
| 1687001     | PRICE ROLL - 1 TO 25 PRICE - DOLLARS   |
| 1687002     | PRICE ROLL - 26 TO 50 PRICE - DOLLARS  |
| 1672065     | PRICE ROLL - PRICE - UK - RANGE 1-5 KB |
| 1472273     | PRICE ROLL - U.K. - 1L/10L 40P/95P     |
| 1472274     | PRICE ROLL - U.K. - 1L/10L 8P/35P      |
| 1572205     | PRICE ROLL - UK - 36P TO 62P + FREE KB |
| 1572206     | PRICE ROLL - UK, 63P TO 90P, KB        |
| 1477123     | PRICE ROLL - 0 TO 25 - UK/GER/FR KB    |
| 1577004     | PRICE ROLL - 000 TO 250 YEN            |
| 1577003     | PRICE ROLL - 1 TO 9/10 TO 90 YEN       |
| 1577005     | PRICE ROLL - 260 TO 500 YEN            |
| 1577006     | PRICE ROLL - 510 TO 760 YEN            |
| 1577007     | PRICE ROLL - 770 TO 990 YEN            |

TABLE 23B: SPIRAL OPTIONS

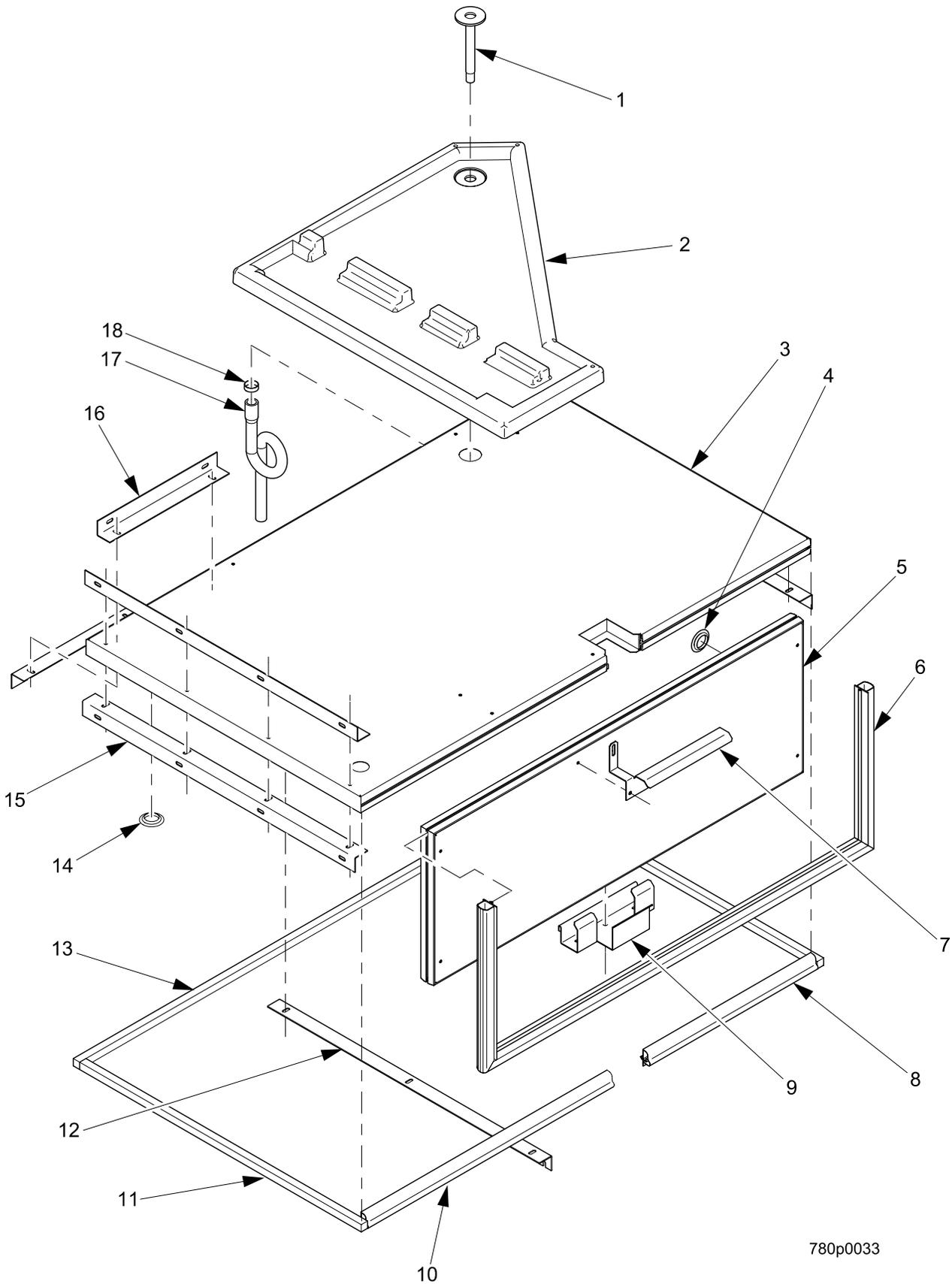
|                 |                   | COUNTER CLOCKWISE<br>LEFT HAND |         | CLOCKWISE<br>RIGHT HAND |         |          |
|-----------------|-------------------|--------------------------------|---------|-------------------------|---------|----------|
| SPIRAL<br>COUNT | RETAINER<br>COLOR | ASSEMBLY                       | SPIRAL  | ASSEMBLY                | SPIRAL  | RETAINER |
| 6               | PURPLE            | 1477103                        | 1477102 | 1477105                 | 1477104 | 1477107  |
| 9               | GRAY              | 1477152                        | 1477153 | 1477149                 | 1477150 | 1477155  |
| 11              | BLUE              | 1477023                        | 1477024 | 1477026                 | 1477027 | 1457061  |
| 13              | YELLOW            | 1477029                        | 1477030 | 1477032                 | 1477033 | 1457062  |
| 15              | RED               | 1477035                        | 1477036 | 1477038                 | 1477039 | 1457063  |
| 17              | BROWN             | 1477101                        | 1477100 | 1477099                 | 1477098 | 1477106  |
| 20              | WHITE             | 1477041                        | 1477042 | 1477044                 | 1477045 | 1457064  |
| 25              | GREEN             | 1477047                        | 1477048 | 1477050                 | 1477051 | 1457065  |
| 30              | BLACK             | 1477053                        | 1477054 | 1477056                 | 1477057 | 1477073  |
| 38              | ORANGE            | 1477059                        | 1477060 | 1477062                 | 1477063 | 1467137  |

**Note:**

Bottle trays use a 3.25" diameter spiral.

TABLE 23C: BOTTLE TRAY

| BOTTLE TRAY SPIRAL OPTION |                   |          |         |          |
|---------------------------|-------------------|----------|---------|----------|
| SPIRAL<br>COUNT           | RETAINER<br>COLOR | ASSEMBLY | SPIRAL  | RETAINER |
| 6                         | DARK GREEN        | 7807011  | 7807003 | 4407822  |
| 7                         | RED               | 7807015  | 7807016 | 1457063  |

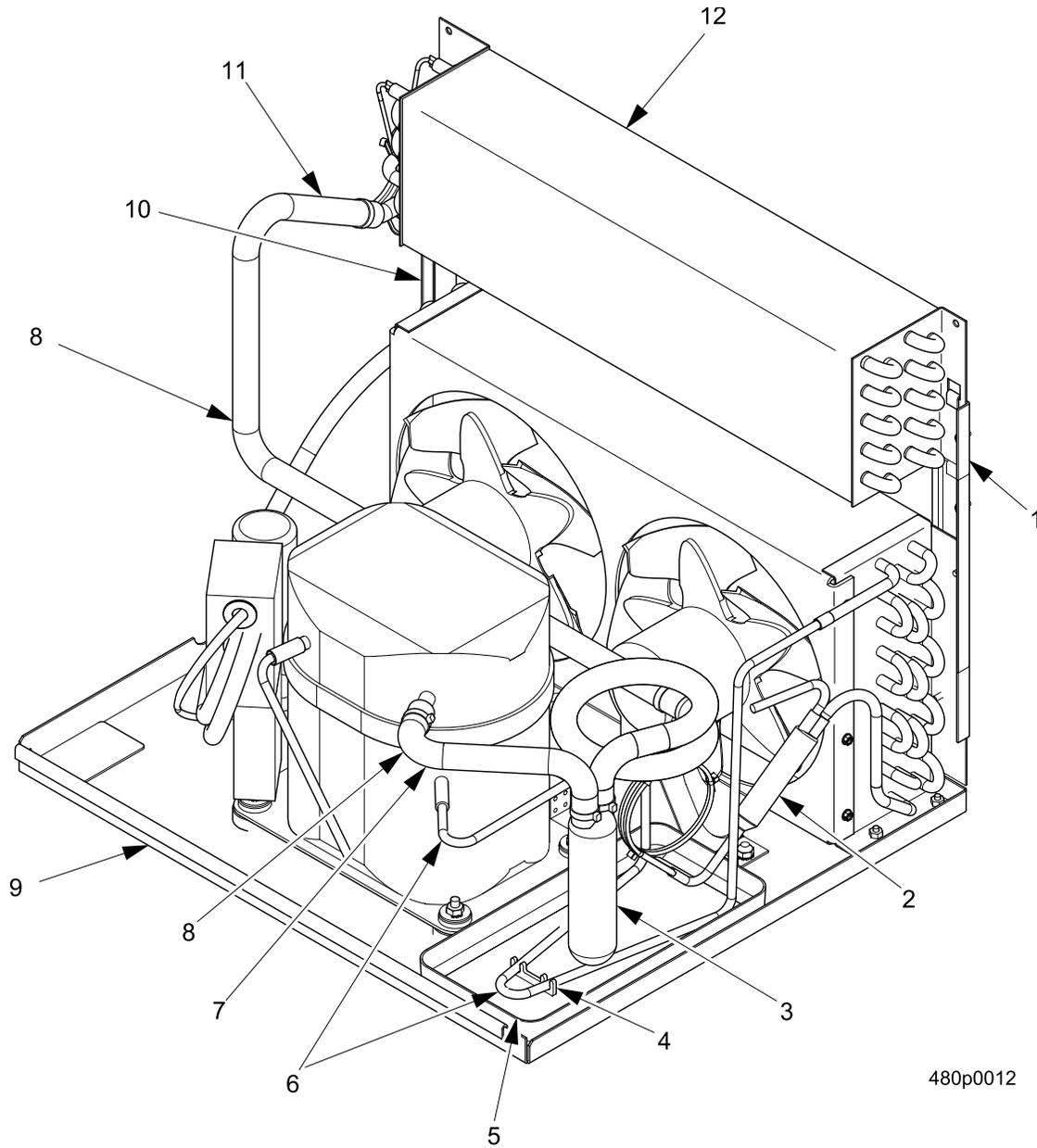


780p0033

**FIGURE 24: EVAPORATOR PAN ASSY**

TABLE 24: EVAPORATOR PAN ASSY

| INDEX | PART NUMBER | DESCRIPTION                  | QTY |
|-------|-------------|------------------------------|-----|
| 1     | 3128063     | DRAIN-WATER BATH             | 1   |
| 2     | 7801036     | DRAIN PAN                    | 1   |
| 3     | 7801165     | DIVIDER SHELF                | 1   |
| 4     | 6231034     | PLUG-HOLE                    | 1   |
| 5     | 7801132     | VERTICAL WALL ASSY FOAMED    | 1   |
| 6     | 7801015     | GASKET-VERTICAL WALL         | 1   |
| 7     | 7801163     | BRACKET UPPER VERTICAL WALL  | 1   |
| 8     | 7801062     | GASKET-HORZ. SHELF SHORT     | 1   |
| 9     | 7801162     | BRACKET LOWER VERTICAL WALL  | 1   |
| 10    | 7801061     | GASKET-HORZ. SHELF LONG      | 1   |
| 11    | 4727069     | GASKET-.19X.38               | 2   |
| 12    | 7801182     | ANGLE AIR SEAL               | 1   |
| 13    | 7801064     | GASKET-HORIZONTAL SHELF BACK | 1   |
| 14    | 6231034     | PLUG-HOLE                    | 2   |
| 15    | 7801137     | BRACKET LONG HORZ. SHELF     | 3   |
| 16    | 7801138     | BRACKET SHORT HORIZ. SHELF   | 2   |
| 17    | 4321042     | HOSE-DRAIN                   | 1   |
| 18    | 3154059     | CLAMP-STAINLESS STEEL        | 1   |



480p0012

FIGURE 25: REFRIGERATION ASSY (1 OF 2)

TABLE 25: REFRIGERATION ASSY (1 OF 2)

| INDEX | PART NUMBER | DESCRIPTION                    | QTY  |
|-------|-------------|--------------------------------|------|
| --    | 7804000     | REFRIG. ASSY MODEL 780, 115V   | --   |
|       | 7804001     | REFRIG. ASSY MODEL 780, 220V   |      |
| 1     | 7804008     | BRACKET-SHIPPING-LEFT          | 1    |
| 2     | 4364034     | FILTER/DRIER-REFRIGERANT       | 1    |
| 3     | 4244009     | ACCUMULATOR P-H 22-056380-01   | 1    |
| 4     | 4304076     | SPACER-COMP.DISCH.TUBE         | 1    |
| 5     | 4324030     | PAN-CONDENSATE                 | 1    |
| 6     | 4324027     | TUBE-DISCH LINE-COMPR TO CON   | 1    |
| 7     | 4324006     | INSULATION-TUBE-5X.1875 CPE    | 59.5 |
| 8     | 4324025     | TUBE-SUCTION LINE-ACCUM TO COM | 1    |
| 9     | 4324004     | BASE/STUD ASSY-REFRIG. UNIT    | 1    |
| 10    | 7804011     | BRACKET-SHIPPING/SEALING RIGHT | 1    |
| 11    | 7804010     | HEAT EXCHANGER ASSY            | 1    |
| 12    | 7804006     | EVAPORATOR COIL 4 ROW          | 1    |

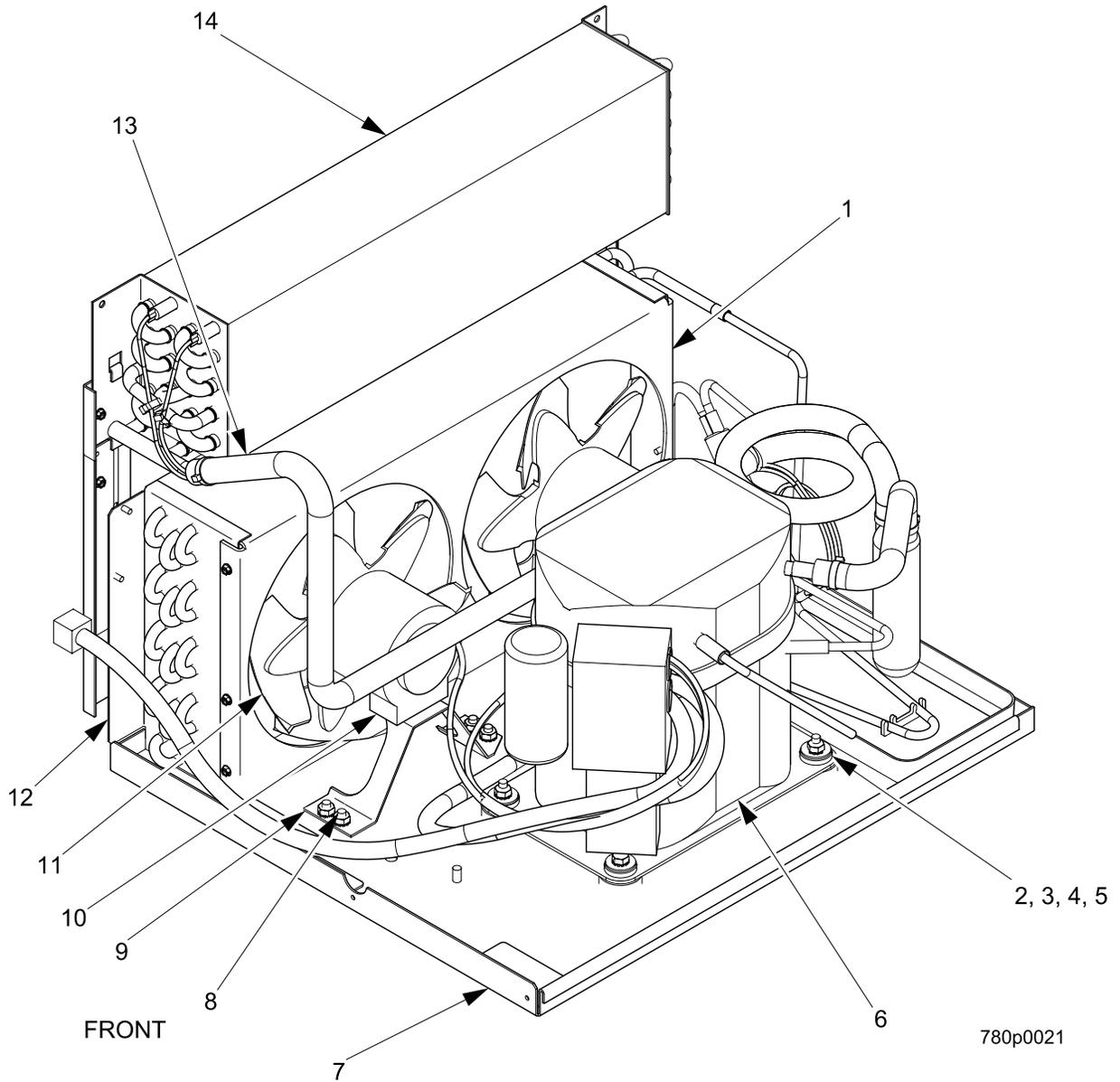


FIGURE 26: REFRIGERATION ASSY (2 OF 2)

TABLE 26: REFRIGERATION ASSY (2 OF 2)

| INDEX | PART NUMBER | DESCRIPTION                      | QTY |
|-------|-------------|----------------------------------|-----|
| 1     | 4324016     | SHROUD-CONDENSER-CARDBOARD       | 1   |
| 2     | 1211105     | 1/4-20 KEPS NUT EXT LW ZP        | 4   |
| 3     | 4304236     | WASHER-.88 O.D.X.38 I.D.X.063    | 4   |
| 4     | 4324012     | GROMMET-11/16 HEIGHT             | 4   |
| 5     | 4324013     | SLEEVE-11/16 LENGTH              | 4   |
| 6     | 4274000     | COMPRESSOR-AKA4460YXA 115V 60H   | 1   |
|       | 4314055     | COMPRESSOR-AKA4476YXC 220V-R134A |     |
| 7     | 4324004     | BASE/STUD ASSY-REFRIG. UNIT      | 1   |
| 8     | 9900081     | NUT #8-32 KEPS ZINC PLATE        | 4   |
| 9     | 4324044     | BRACKET-MOTOR MOUNT              | 2   |
| 10    | 4304092     | MOTOR-CONDENSER FAN              | 2   |
|       | 4774122     | MOTOR-CONDENSER FAN-230V         |     |
| 11    | 7214014     | BLADE-CONDENSER FAN              | 2   |
| 12    | 4324014     | CONDENSER-9 X 17.5 3R7 FPI       | 1   |
| 13    | 7804010     | HEAT EXCHANGER ASSY              | 1   |
| 14    | 7804006     | EVAPORATOR COIL 4 ROW            | 1   |

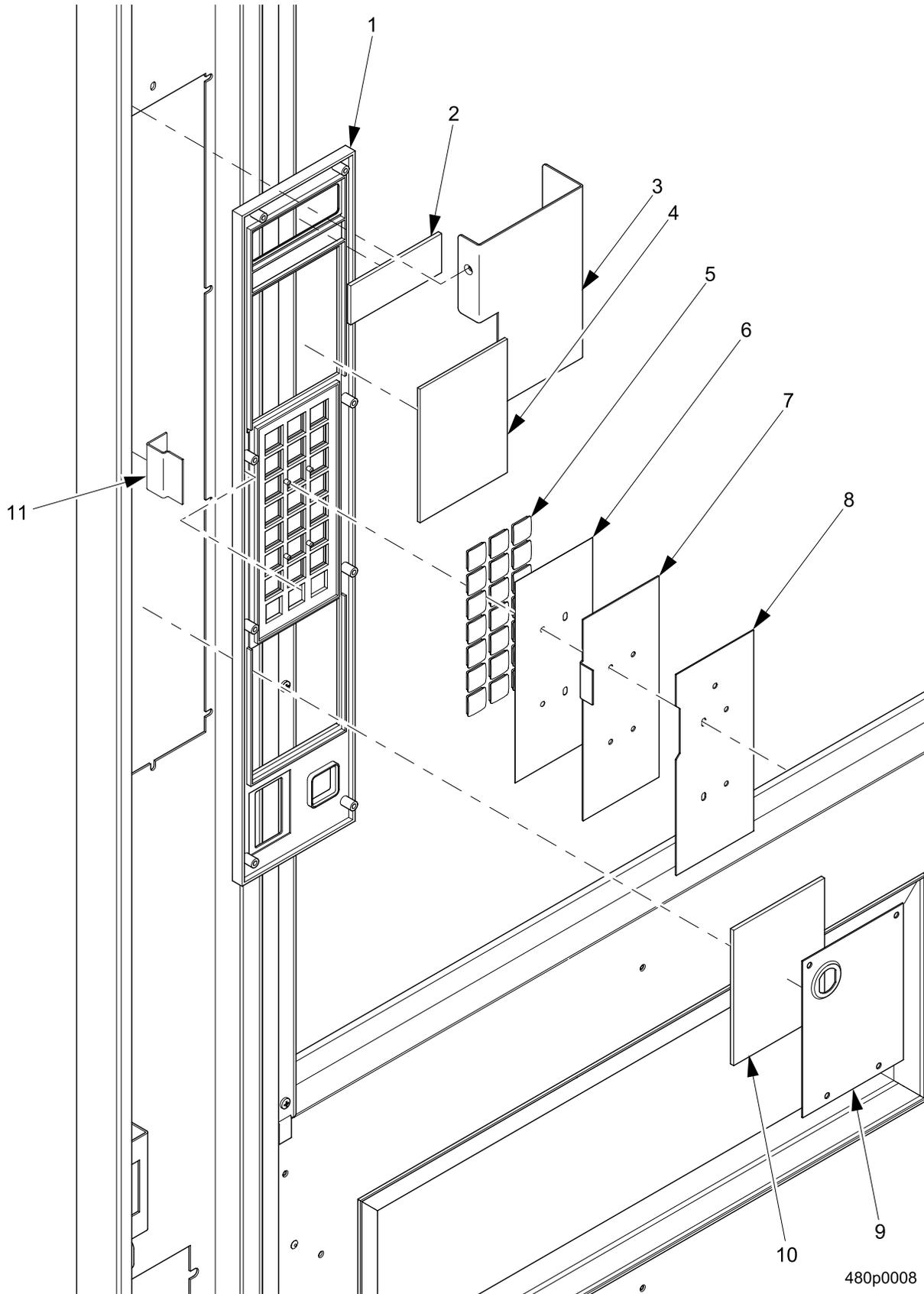
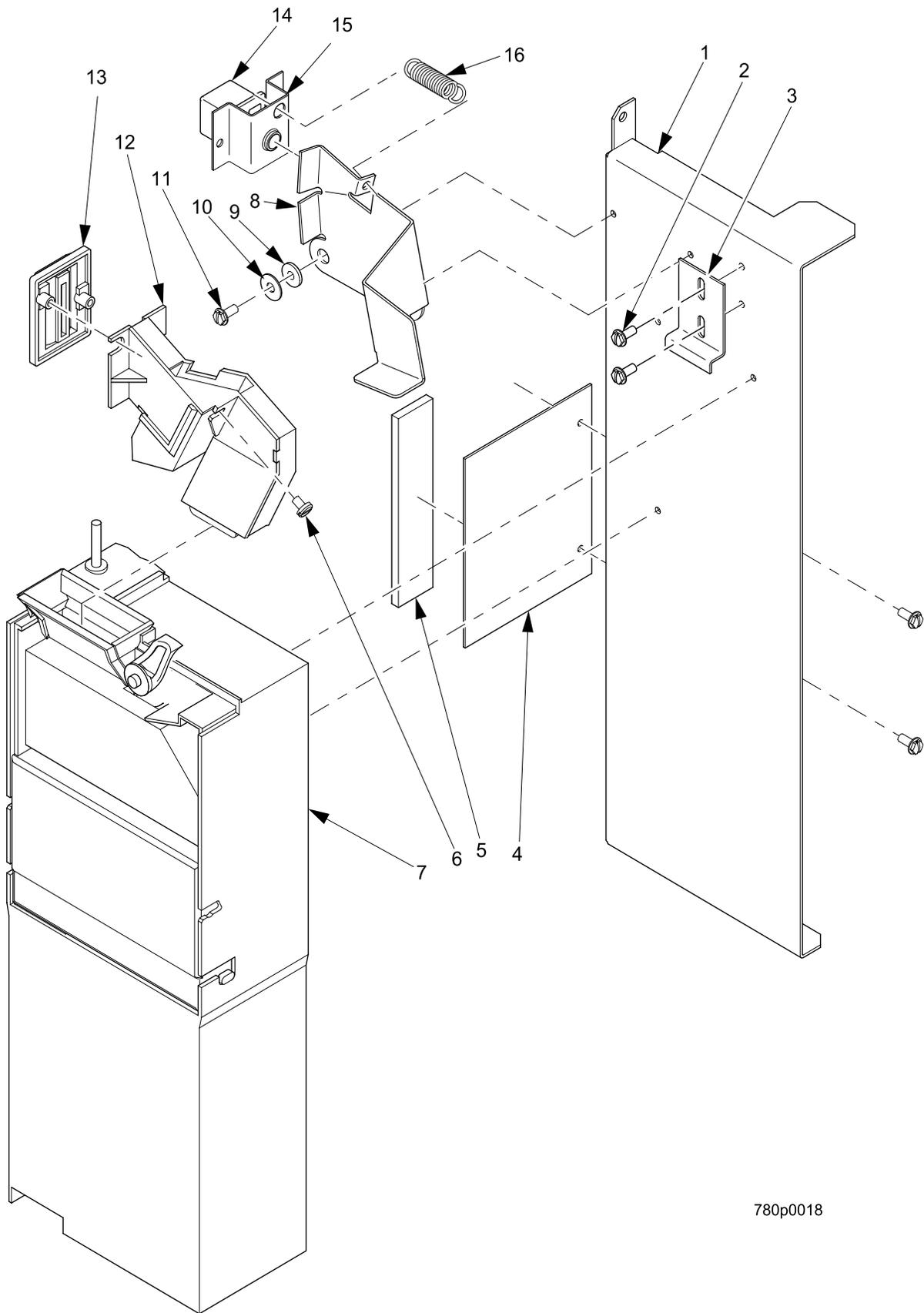


FIGURE 27: MONETARY ASSY

**TABLE 27: MONETARY ASSY**

| INDEX | PART NUMBER | DESCRIPTION                       | QTY |
|-------|-------------|-----------------------------------|-----|
| --    | 1595017     | FACEPLATE ASSEMBLY-GPL            | --  |
| 1     | 1595013     | FRAME-MONETARY PANEL-GPL          | 1   |
| 2     | 1595014     | LENS-DISPLAY-GPL                  | 1   |
| 3     | 1575029     | COVER-DISPLAY                     | 1   |
| 4     | 1725004     | UPPER INSERT-GPL-POSIVEND         | 1   |
| 5     | 1472251     | LENS-PUSH BUTTON                  | 21  |
| 6     | 1575010     | LETTER SHEET-SELECT SWITCH        | 1   |
| 7     | 7215019     | MEMBRANE SWITCH ASSY-SELECT       | 1   |
| 8     | 1575091     | PLT-SELECT SW.-BACKUP-W/STUD      | 1   |
| --    | 1475089     | 1/8 NUT-SELF-THREADING(NOT SHOWN) | 4   |
| 9     | 1575048     | PLATE-INSERT BACKING              | 1   |
| 10    | 1575035     | INSERT-INSTR-LOWER-ENGLISH        | 1   |
| 11    | 7802067     | GUIDE-LOCK BAR                    | 1   |

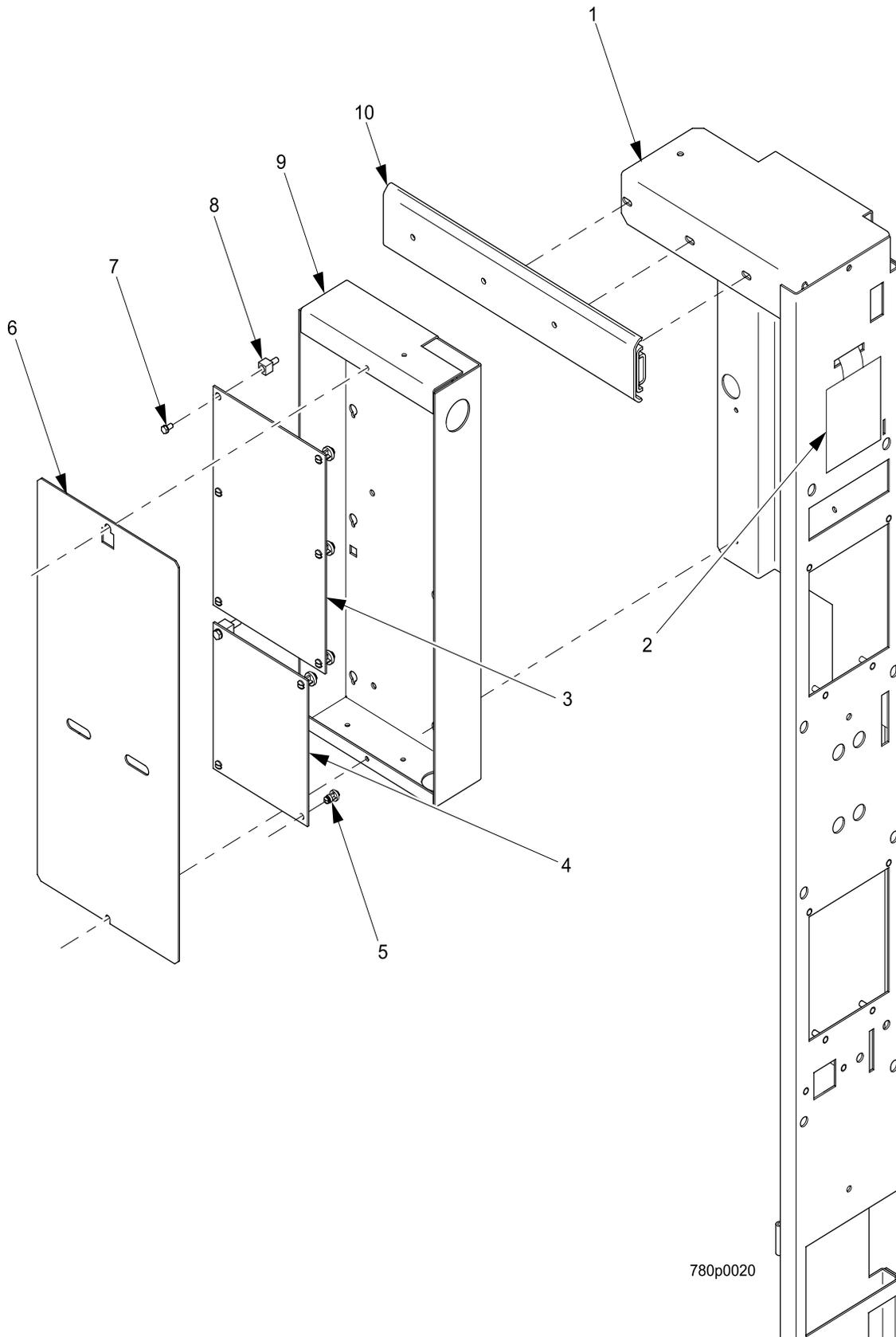


780p0018

**FIGURE 28: COIN MECH BRACKET**

**TABLE 28: COIN MECH BRACKET**

| INDEX | PART NUMBER | DESCRIPTION                             | QTY |
|-------|-------------|---|-----|
| 1     | 7805007     | BACKBOARD & HINGE ASSY                  | 1   |
| 2     | 9900106     | SCREW #8-32 X 3/8 ACORN HEX HD          | 2   |
| 3     | 6231037     | CLAMP-CABLE                             | 1   |
| 4     | 7805009     | BRACKET-MAGNET                          | 1   |
| 5     | 3122056     | MAGNET-RETAINR-COIN CHANGER KB          | 1   |
| 6     | 6237049     | SCREW-#8-16X.25-SLTD-PHS                | 2   |
| --    | 2302053     | SPACER-CUP(NOT SHOWN)                   | 4   |
| 7     | --          | COIN MECH<br>(SEE TABLE 30D ON PAGE 65) | OPT |
| 8     | 1571113     | ARM-SCAVENGER                           | 1   |
| 9     | 2204093     | WASHER-SCAVENGER BAR                    | 1   |
| 10    | 2228011     | SPACER-RELEASE ARM                      | 1   |
| 11    | 4741050     | SCREW-#8-32 X .50 HX.HD.-T/F-B          | 1   |
| 12    | 1575003     | COIN CHUTE ASSEMBLY                     | 1   |
| 13    | 1472223     | COIN INSERT                             | 1   |
| 14    | 1475026     | BUTTON-COIN RETURN                      | 1   |
| --    | 1475072     | SHAFT-RETURN BUTTON(NOT SHOWN)          | 1   |
| 15    | 1571079     | BRACKET-COIN RETURN BUTTON              | 1   |
| 16    | 1127808     | SPRING-SHELF RESET                      | 1   |

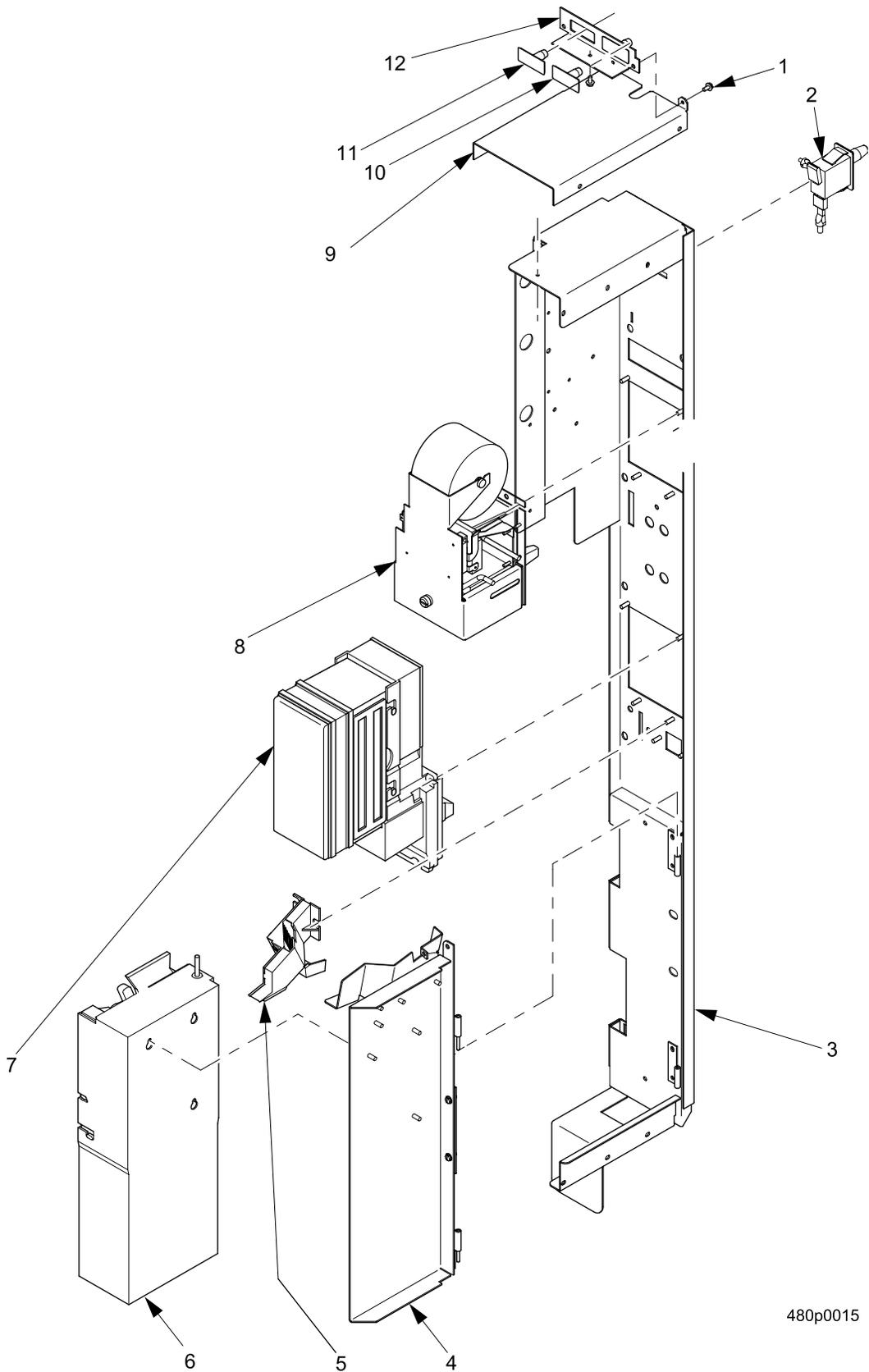


780p0020

FIGURE 29: CONTROL BOARD

**TABLE 29: CONTROL BOARD**

| <b>INDEX</b> | <b>PART NUMBER</b> | <b>DESCRIPTION</b>           | <b>QTY</b> |
|--------------|--------------------|------------------------------|------------|
| 1            | 7805008            | PANEL-MONETARY-WELD ASSY     | 1          |
| 2            | 7215025            | MEMBRANE SWITCH ASSY-PROGRAM | 1          |
| 3            | 9989755            | PCB ASSY-MAIN CONTROLLER     | 1          |
| 4            | 1576008            | PCB ASSY-SNACK INTERFACE     | 1          |
| 5            | 1571036            | STANDOFF-PCB-.375 KEY SLOT   | 10         |
| 6            | 7805002            | COVER-HOUSING-PCB            | 1          |
| 7            | 1471199            | SCREW-#8-18 X .62 HEX/WH.    | 2          |
| 8            | 1571034            | STANDOFF-PCB-3/8 SCREW MOUNT | 2          |
| 9            | 7805001            | HOUSING-PCB                  | 1          |
| 10           | 7211229            | SLIDE-MONETARY               | 2          |



480p0015

**FIGURE 30: CARD READER AND BILL VALIDATOR COMBINATIONS**

**TABLE 30: CARD READER AND BILL VALIDATOR COMBINATIONS**

| INDEX | PART NUMBER | DESCRIPTION                                  | QTY |
|-------|-------------|--|-----|
| 1     | 1451097     | SCREW-#8-32X.31 HEX HD.TF-BLK.               | 4   |
| 2     | 9989594     | SWITCH-PUSH/PULL-PNL MTG.                    | 1   |
| 3     | 7805008     | PANEL-MONETARY-WELD ASSY                     | 1   |
| 4     | 7805007     | BACKBOARD & HINGE ASSY                       | 1   |
| 5     | 1575003     | COIN CHUTE ASSEMBLY                          | 1   |
| 6     | --          | COIN MECH<br>(SEE TABLE 30D:)                | --  |
| 7     | --          | UPSTACK BILL VALIDATOR<br>(SEE TABLE 30C:)   | --  |
| 8     | --          | CARD READER<br>(SEE TABLE 30B:)              | --  |
| 9     | 7801078     | BRACKET-ALIGNMENT                            | 1   |
| 10    | 1211141     | SWITCH                                       | 1   |
| 11    | 7801076     | BRACKET-INTERLOCK SWITCH-DOM.                | 1   |
|       | 7801077     | BRACKET-2 INTERLOCK SWITCH-(230V ONLY UNITS) |     |
| 12    | 2366135     | SWITCH-INTERLOCK (230V ONLY)                 |     |

**TABLE 30A: MONETARY CAPABILITY**

| MONETARY CAPABILITY | MONETARY PANEL LOCATION                     |   | WITH COIN? |
|---------------------|---|---|------------|
|                     | UPPER                                       | LOWER                                       |            |
| COIN - VAL - CARD   | CARD READER                                 | UPSTACK VALIDATOR                           | YES        |
| COIN - VAL - CARD   | DOWNSTACK VALIDATOR                         | CARD READER                                 | YES        |
| COIN - VALIDATOR    | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | UPSTACK VALIDATOR                           | YES        |
| COIN - VALIDATOR    | DOWNSTACK VALIDATOR                         | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | YES        |
| COIN - CARD         | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | CARD READER                                 | YES        |
| COIN - CARD         | CARD READER                                 | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | YES        |
| VALIDATOR - CARD    | DOWNSTACK VALIDATOR                         | CARD READER                                 | NO         |
| VALIDATOR - CARD    | CARD READER                                 | DOWNSTACK VALIDATOR                         | NO         |
| COIN ONLY           | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | YES        |
| VALIDATOR ONLY      | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | UPSTACK VALIDATOR                           | NO         |
| VALIDATOR ONLY      | DOWNSTACK VALIDATOR                         | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | NO         |
| CARD ONLY           | CARD READER                                 | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | NO         |
| CARD ONLY           | INSERT INSTRUCTIONS BACK-UP PLATE (1575048) | CARD READER                                 | NO         |

**Note:**  
**All Items are secured with four Nuts (p/n 9900081).**  
**Shaded Items Represent Alternate Configurations**

**TABLE 30B: CARD READER OPTIONS**

| PART NUMBER | DESCRIPTION                  |
|-------------|------------------------------|
| 5900246     | DEBITEK - KVIS - MDB         |
| 1575050     | BRACKET - DEBITEK CONTROLLER |

**TABLE 30C: BILL VALIDATOR OPTIONS**

| PART NUMBER | DESCRIPTION                   | HARNESS |
|-------------|-------------------------------|---------|
| 5900210     | W/MARS VN2512-U5M**MDB**-S    | 1679054 |
| 5900247     | W/MARS AE2612-U5M**MDB**-S    | 1679054 |
| 5900290     | VALIDATOR-COINCO MAGPRO52R KB |         |
| 5900267     | P W/CONLUX NBM-3140**MDB***-  |         |

**TABLE 30D: COIN MECHANISM OPTION**

| PART NUMBER | DESCRIPTION                     |
|-------------|---------------------------------|
| 5900289     | MARS COIN-VN4510*MDB*-DBL       |
| 5900279     | CONLUX CCM5G-4 1N 1D 2Q 1\$     |
| 5900307     | MEI CF7512 1N,1D,2Q,\$          |
| 5900295     | CONLUX 5TB CCM5G1 1D,1N,3Q      |
| 5900293     | CONLUX CCM56-2 2N,2D,1Q         |
| 5900269     | COINCO USQ G701 MDB-4 TUBE      |
| 5900270     | COINCO USQ G702 MDB-2Q,1N,      |
| 5900243     | MARS TRC6512**"MDB""*COIN       |
| 5900213     | COINCO 9302-GX*"MDB"*COIN       |
| 5900310     | MARSCF 7512 2Q,2N,1D            |
| 5900313     | COINCO VORTEX CHANGER           |
| 5900214     | COINUNIT-MEI-VN4510-5/10/25/\$1 |
| 5900276     | COIN UNIT-VN4510-5/10/25/25 KB  |

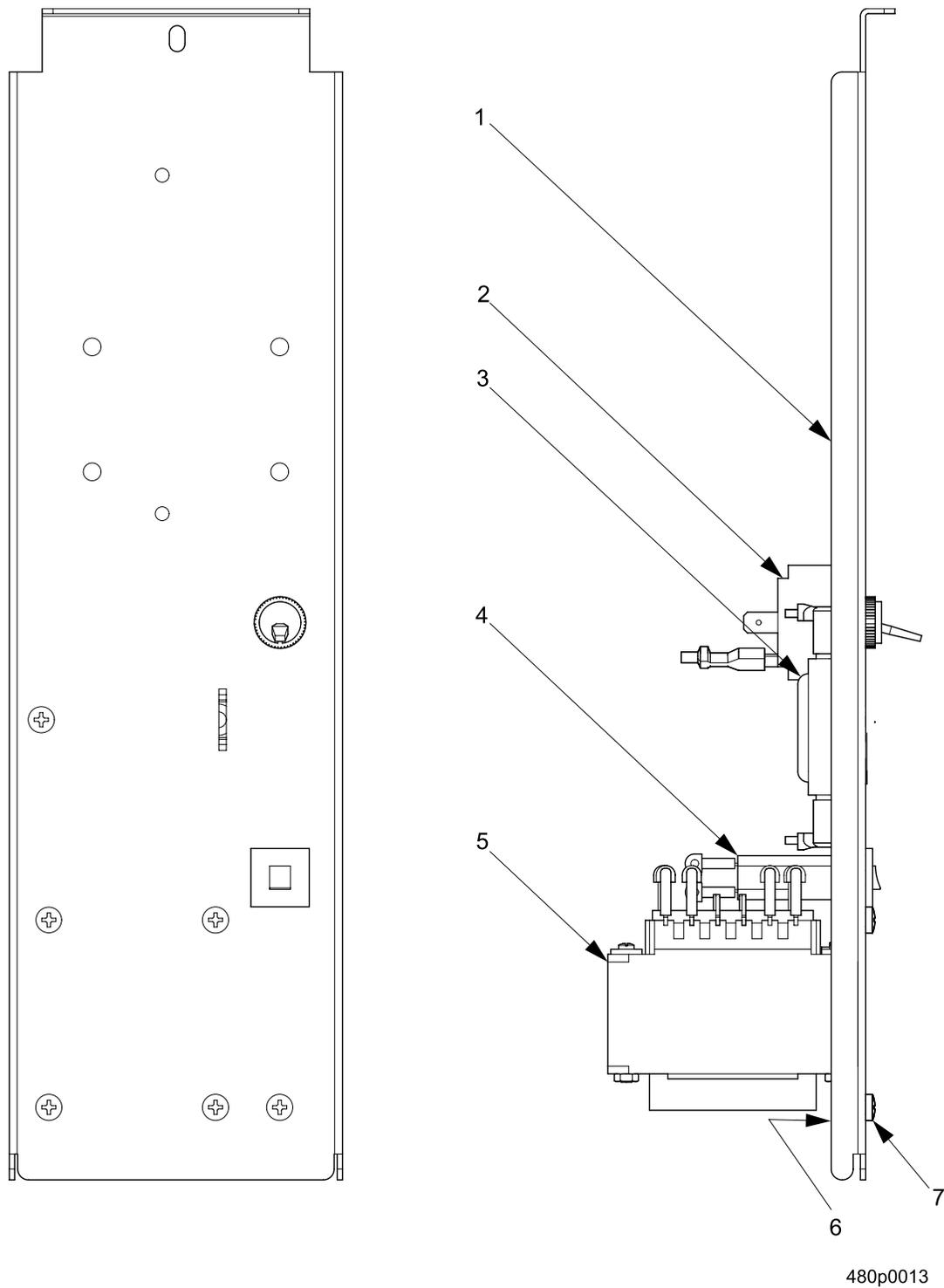


FIGURE 31: POWER PANEL ASSY

**TABLE 31: POWER PANEL ASSY**

| INDEX | PART NUMBER | DESCRIPTION                   | QTY |
|-------|-------------|-------------------------------|-----|
| --    | 3281092     | POWER PANEL ASSY-DOM. 20 AMP  | --  |
|       | 4521053     | POWER PANEL ASSY-230V-U.K.    |     |
| 1     | 1701037     | PLATE-HOUSING-PANEL(CP7-7)    | 1   |
| 2     | 9984629     | SWITCH-TOGGLE-DPST-20AMP      | 1   |
| 3     | 9989100     | INTERFERENCE FILTER           | 1   |
| 4     | 9989674     | CIRCUIT BREAKER-4 AMP         | 1   |
| 5     | 9989046     | 24V XFMR-DUAL PIR.-.187 TERM. | 1   |
| 6     | 9900081     | NUT #8-32 KEPS ZINC PLATE     | 6   |
| 7     | 9900118     | SCREW-#8-32 X 3/8 PHS         | 6   |

**TABLE 32: HARNESESSES**

| CONNECTOR | HARNESS                        | PART NUMBER |
|-----------|--------------------------------|-------------|
| J1        | HARNESS-MAIN CONTROL TO SENSOR | 1679012     |
| J2        | HARNESS-EMITTER TO DETECTOR    | 1679013     |
| J30       | CABLE RIBBON-16 CONDUCTOR      | 1579008     |
| J31       | JUMPER-TEMP & DRIVER           | 7809001     |
| J33       | HARNESS-CONTROL TO DISPLAY     | 1599200     |
| J34       | HARNESS-MAIN CONTROL TO SENSOR | 1679012     |
| J35       | HARNESS-POWER PANEL            | 6739021     |
| J37       | HARNESS-24VAC PCB & COIN POWER | 9989750     |
| J38       | HARNESS-24VAC PCB & COIN POWER | 9989750     |
| J39       | HARNESS-MONETARY**"MDB"***     | 1679054     |
| J45       | HARNESS-CONTROL TO DISPLAY     | 1599200     |
| J46       | MEMBRANE SWITCH ASSY-SELECT    | 7215019     |
| J47       | SWITCH ASSY-FREE VEND          | 9989639     |
| J48       | JUMPER-MONETARY DOOR SWITCH    | 1579009     |
| J49       | SERVICE KEYPAD ASSEMBLY        | 1575046     |
| J50       | JUMPER-DOOR POWER              | 7809020     |
| J51       | JUMPER-DOOR POWER              | 7809020     |
| J52       | JUMPER-DOOR POWER              | 7809020     |
| J53       | JUMPER-DOOR POWER              | 7809020     |
| J55       | CABLE RIBBON-16 CONDUCTOR      | 1579008     |
| J58       | HARNESS-7 TRAY CHANNEL         | 7809011     |
| J59       | HARNESS-7 TRAY CHANNEL         | 7809011     |
| J60       | HARNESS-7 TRAY CHANNEL         | 7809011     |
| J61       | HARNESS-24VAC PCB & COIN POWER | 9989750     |

**TABLE 32: HARNESSES**

| <b>CONNECTOR</b> | <b>HARNESS</b>                 | <b>PART NUMBER</b> |
|------------------|--------------------------------|--------------------|
| J71              | HARNESS-COMPRESSOR & FAN       | 7809022            |
| J82              | HARNESS-POWER PANEL            | 6739021            |
| J83              | HARNESS-POWER PANEL            | 6739021            |
| J90              | HARNESS-COMPRESSOR & FAN       | 7809022            |
| J92              | HARNESS-24VAC PCB & COIN POWER | 9989750            |
| J93A             | HARNESS-24VAC PCB & COIN POWER | 9989750            |
| J94              | HARNESS-POWER PANEL            | 6739021            |
| J96              | JUMPER-TRANSFORMER-120V-PRM.   | 1709001            |
| J97              | HARNESS-POWER PANEL            | 6739021            |
| J100             | JUMPER-INTERLOCK-DOMESTIC      | 1579010            |
| J127             | HARNESS-COMPRESSOR & FAN       | 7809022            |
| J133             | HARNESS-LIGHT & FILTER ASSY    | 7809005            |
| J133A            | HARNESS-LIGHT & FILTER ASSY    | 1679005            |
| J135             | JUMPER BALLAST & HEATER        | 7809021            |
| J179             | JUMPER-COMP & EVAP FAN         | 7809003            |

**TABLE 32A: BAG ASSEMBLY**

| <b>PART NUMBER</b> | <b>DESCRIPTION</b>       |
|--------------------|--------------------------|
| B480001X           | BAG ASSEMBLY:15          |
| WD780005           | W.D. RC-1 115V-230       |
| 1477015            | ROLL-PRICE DOLLARS (KB)  |
| 1477083            | RETAINER-SPIRAL-WALL     |
| 1577047            | LABEL-ITEM LETTERS-A0-A9 |
| 1577048            | LABEL-ITEM LETTERS-B0-B9 |
| 1577049            | LABEL-ITEM LETTERS-C0-C9 |
| 1577050            | LABEL-ITEM LETTERS-D0-D9 |
| 1577051            | LABEL-ITEM LETTERS-E0-E9 |
| 1577052            | LABEL-ITEM LETTERS-F0-F9 |
| 4800002            | OPERATORS GUIDE RC-1     |
| 7809023            | LIST HARNESS-RC-1        |

# Refreshment Center Parts Manual

# Part Number Index

| Part Number | Page           | Part Number | Page       | Part Number | Page       |
|-------------|----------------|-------------|------------|-------------|------------|
| 1101906     | 21             | 1477047     | 47         | 1572330     | 15         |
| 1127808     | 57             | 1477048     | 47         | 1572334     | 15         |
| 1172190     | 3              | 1477050     | 47         | 1572335     | 15         |
| 1211105     | 53             | 1477051     | 47         | 1572353     | 11         |
| 1211141     | 59             | 1477053     | 47         | 1572356     | 15         |
| 1211161     | 25, 29         | 1477054     | 47         | 1572357     | 15         |
| 1302290     | 3              | 1477056     | 47         | 1572386     | 15         |
| 1302291     | 3              | 1477057     | 47         | 1572387     | 15         |
| 1302324     | 3              | 1477059     | 47         | 1572407     | 15         |
| 1302326     | 3              | 1477060     | 47         | 1572408     | 15         |
| 1411194     | 33             | 1477062     | 47         | 1572410     | 13         |
| 1411195     | 33             | 1477063     | 47         | 1572416     | 11, 13     |
| 1451097     | 19, 25, 29, 59 | 1477073     | 47         | 1572417     | 13         |
| 1457061     | 47             | 1477074     | 35         | 1572420     | 11         |
| 1457062     | 47             | 1477083     | 64         | 1572421     | 11         |
| 1457063     | 47             | 1477097     | 35, 39     | 1572423     | 11         |
| 1457064     | 47             | 1477098     | 47         | 1572424     | 13         |
| 1457065     | 47             | 1477099     | 47         | 1572425     | 11         |
| 1467137     | 47             | 1477100     | 47         | 1572452     | 11         |
| 1470761     | 21             | 1477101     | 47         | 1575003     | 57, 59     |
| 1470811     | 35             | 1477102     | 47         | 1575029     | 55         |
| 1470812     | 39             | 1477103     | 47         | 1575035     | 55         |
| 1471098     | 31             | 1477104     | 47         | 1575046     | 63         |
| 1471199     | 59             | 1477105     | 47         | 1575048     | 55, 60     |
| 1471237     | 31             | 1477106     | 47         | 1575050     | 61         |
| 1472178     | 3, 5           | 1477107     | 47         | 1575091     | 55         |
| 1472223     | 57             | 1477113     | 37, 41, 45 | 1575106     | 3          |
| 1472251     | 55             | 1477123     | 46         | 1576008     | 59         |
| 1472273     | 46             | 1477134     | 35, 39     | 1577003     | 46         |
| 1472274     | 46             | 1477148     | 35, 39     | 1577004     | 46         |
| 1475026     | 57             | 1477149     | 47         | 1577005     | 46         |
| 1475072     | 57             | 1477150     | 47         | 1577006     | 46         |
| 1475089     | 55             | 1477152     | 47         | 1577007     | 46         |
| 1477014     | 46             | 1477153     | 47         | 1577038     | 37, 41, 45 |
| 1477015     | 46, 64         | 1477155     | 47         | 1577040     | 35, 39     |
| 1477017     | 35, 39, 43     | 1477157     | 35, 39     | 1577047     | 43, 64     |
| 1477020     | 37             | 1477175     | 35, 39, 43 | 1577048     | 43, 64     |
| 1477022     | 37             | 1571034     | 59         | 1577049     | 43, 64     |
| 1477023     | 47             | 1571036     | 59         | 1577050     | 43, 64     |
| 1477024     | 47             | 1571074     | 19         | 1577051     | 43, 64     |
| 1477026     | 47             | 1571079     | 57         | 1577052     | 43, 64     |
| 1477027     | 47             | 1571113     | 57         | 1579008     | 63         |
| 1477029     | 47             | 1571115     | 31         | 1579009     | 63         |
| 1477030     | 47             | 1572010     | 3          | 1579010     | 64         |
| 1477032     | 47             | 1572011     | 3          | 1581050     | 33         |
| 1477033     | 47             | 1572205     | 46         | 1595002     | 55         |
| 1477035     | 47             | 1572206     | 46         | 1595013     | 55         |
| 1477036     | 47             | 1572303     | 15         | 1595014     | 55         |
| 1477038     | 47             | 1572304     | 15         | 1595017     | 55         |
| 1477039     | 47             | 1572315     | 11, 13     | 1596014     | 29         |
| 1477041     | 47             | 1572316     | 15         | 1597001     | 35         |
| 1477042     | 47             | 1572318     | 15         | 1597002     | 39         |
| 1477044     | 47             | 1572319     | 15         | 1599024     | 45         |
| 1477045     | 47             | 1572320     | 15         | 1599200     | 63         |

## Part Number Index

## Refreshment Center Parts Manual

| Part Number | Page       | Part Number | Page       | Part Number | Page   |
|-------------|------------|-------------|------------|-------------|--------|
| 1670912     | 3          | 4321150     | 19         | 7214014     | 53     |
| 1670913     | 3          | 4321156     | 19         | 7215019     | 55, 63 |
| 1670914     | 3          | 4324004     | 51, 53     | 7801015     | 49     |
| 1672050     | 17         | 4324006     | 51         | 7801036     | 49     |
| 1672051     | 17         | 4324012     | 53         | 7801049     | 29     |
| 1672065     | 46         | 4324013     | 53         | 7801052     | 29     |
| 1677193     | 35, 39     | 4324014     | 53         | 7801055     | 43     |
| 1679005     | 64         | 4324016     | 53         | 7801061     | 49     |
| 1679010     | 37         | 4324025     | 51         | 7801062     | 49     |
| 1679011     | 41         | 4324027     | 51         | 7801064     | 49     |
| 1679012     | 63         | 4324030     | 51         | 7801073     | 19     |
| 1679013     | 63         | 4324044     | 53         | 7801074     | 19     |
| 1679054     | 61, 63     | 4364034     | 51         | 7801075     | 19     |
| 1687001     | 46         | 4402043     | 27         | 7801076     | 59     |
| 1687002     | 46         | 4407822     | 47         | 7801077     | 59     |
| 1701037     | 63         | 4521053     | 63         | 7801078     | 27, 59 |
| 1709001     | 64         | 4721035     | 11         | 7801081     | 31     |
| 1725004     | 55         | 4727069     | 49         | 7801096     | 23     |
| 1726000     | 17         | 4741050     | 57         | 7801107     | 19     |
| 1726001     | 17         | 4744031     | 27         | 7801120     | 19     |
| 2204093     | 57         | 4774122     | 53         | 7801124     | 19     |
| 2221920     | 21         | 4800002     | 64         | 7801125     | 25     |
| 2222031     | 35, 39, 43 | 4802001     | 3          | 7801126     | 25     |
| 2222603     | 21         | 5201267     | 39         | 7801127     | 25     |
| 2222604     | 21         | 5560113     | 35, 39, 43 | 7801131     | 27     |
| 2228011     | 57         | 5900210     | 61         | 7801132     | 49     |
| 2272050     | 3          | 5900213     | 61         | 7801137     | 49     |
| 2302053     | 3, 57      | 5900214     | 61         | 7801138     | 49     |
| 2302218     | 7, 25      | 5900243     | 61         | 7801139     | 27     |
| 2342315     | 7          | 5900246     | 61         | 7801141     | 25     |
| 2366135     | 59         | 5900247     | 61         | 7801142     | 25, 29 |
| 3104124     | 27         | 5900267     | 61         | 7801143     | 19     |
| 3122056     | 57         | 5900269     | 61         | 7801144     | 27     |
| 3128063     | 49         | 5900270     | 61         | 7801145     | 27     |
| 3151058     | 25         | 5900276     | 61         | 7801147     | 19     |
| 3154059     | 49         | 5900279     | 61         | 7801148     | 27     |
| 3281092     | 63         | 5900289     | 61         | 7801150     | 27     |
| 3502078     | 43         | 5900290     | 61         | 7801151     | 27     |
| 4241148     | 29         | 5900293     | 61         | 7801152     | 27     |
| 4242145     | 23         | 5900295     | 61         | 7801153     | 25     |
| 4244009     | 51         | 5900307     | 61         | 7801154     | 19     |
| 4245082     | 3          | 5900310     | 61         | 7801155     | 27     |
| 4245085     | 3          | 5900313     | 61         | 7801159     | 29     |
| 4274000     | 53         | 6231034     | 49         | 7801162     | 49     |
| 4301285     | 5          | 6231037     | 57         | 7801163     | 49     |
| 4302134     | 29         | 6231087     | 33         | 7801165     | 29, 49 |
| 4304076     | 51         | 6231242     | 19         | 7801166     | 29     |
| 4304092     | 53         | 6232031     | 3, 23      | 7801168     | 19     |
| 4304236     | 53         | 6232036     | 23         | 7801169     | 29     |
| 4311068     | 31         | 6237049     | 57         | 7801170     | 29     |
| 4312217     | 43         | 6332009     | 25         | 7801174     | 29     |
| 4314014     | 27         | 6732034     | 7, 25      | 7801175     | 29     |
| 4314055     | 53         | 6739021     | 63, 64     | 7801181     | 29     |
| 4321042     | 49         | 7211229     | 59         | 7801182     | 49     |

## Refreshment Center Parts Manual

## Part Number Index

| Part Number | Page      | Part Number | Page       | Part Number | Page           |
|-------------|-----------|-------------|------------|-------------|----------------|
| 7802001     | 3         | 7804010     | 51, 53     | 9900118     | 63             |
| 7802010     | 9         | 7804011     | 51         | 9900121     | 3              |
| 7802011     | 5         | 7804013     | 27         | 9900141     | 15             |
| 7802017     | 5         | 7805001     | 59         | 9900160     | 3              |
| 7802018     | 9         | 7805007     | 57, 59     | 9900170     | 3              |
| 7802019     | 7         | 7805008     | 59         | 9900184     | 11, 13         |
| 7802024     | 9, 11, 13 | 7805009     | 57         | 9900218     | 31             |
| 7802030     | 9         | 7807000     | 43         | 9900437     | 11, 13         |
| 7802031     | 5         | 7807001     | 43         | 9983778     | 19             |
| 7802032     | 11, 13    | 7807002     | 43         | 9984629     | 63             |
| 7802033     | 11, 13    | 7807003     | 47         | 9987852     | 29             |
| 7802034     | 17        | 7807005     | 43         | 9989046     | 63             |
| 7802035     | 9         | 7807011     | 47         | 9989100     | 63             |
| 7802036     | 9, 11, 13 | 7807015     | 47         | 9989594     | 59             |
| 7802043     | 17        | 7807016     | 47         | 9989639     | 63             |
| 7802049     | 5         | 7809001     | 63         | 9989674     | 63             |
| 7802050     | 5         | 7809003     | 64         | 9989750     | 63, 64         |
| 7802051     | 7         | 7809005     | 7, 25, 64  | 9989755     | 59             |
| 7802062     | 23        | 7809007     | 45         | 9989821     | 37, 41, 43, 45 |
| 7802067     | 55        | 7809011     | 63         | 9989886     | 19             |
| 7802068     | 5         | 7809020     | 63         | 9989887     | 19             |
| 7802072     | 5         | 7809021     | 64         | 9995002     | 3              |
| 7802073     | 11        | 7809022     | 64         | 9995400     | 3              |
| 7802077     | 9         | 7809023     | 64         |             |                |
| 7802078     | 9         | 8905011     | 3          |             |                |
| 7804000     | 51        | 9900030     | 35, 39, 43 | <b>B</b>    |                |
| 7804001     | 51        | 9900081     | 11, 53, 63 |             |                |
| 7804006     | 51, 53    | 9900098     | 33         |             |                |
| 7804008     | 51        | 9900106     | 57         |             |                |
|             |           |             |            | B4800001X   | 64             |
|             |           |             |            | <b>W</b>    |                |
|             |           |             |            | WD780005    | 64             |

---

| <u>Part Number</u> | <u>Page</u> | <u>Part Number</u> | <u>Page</u> | <u>Part Number</u> | <u>Page</u> |
|--------------------|-------------|--------------------|-------------|--------------------|-------------|
|--------------------|-------------|--------------------|-------------|--------------------|-------------|

---