

IMPORTANT NOTES: Read First

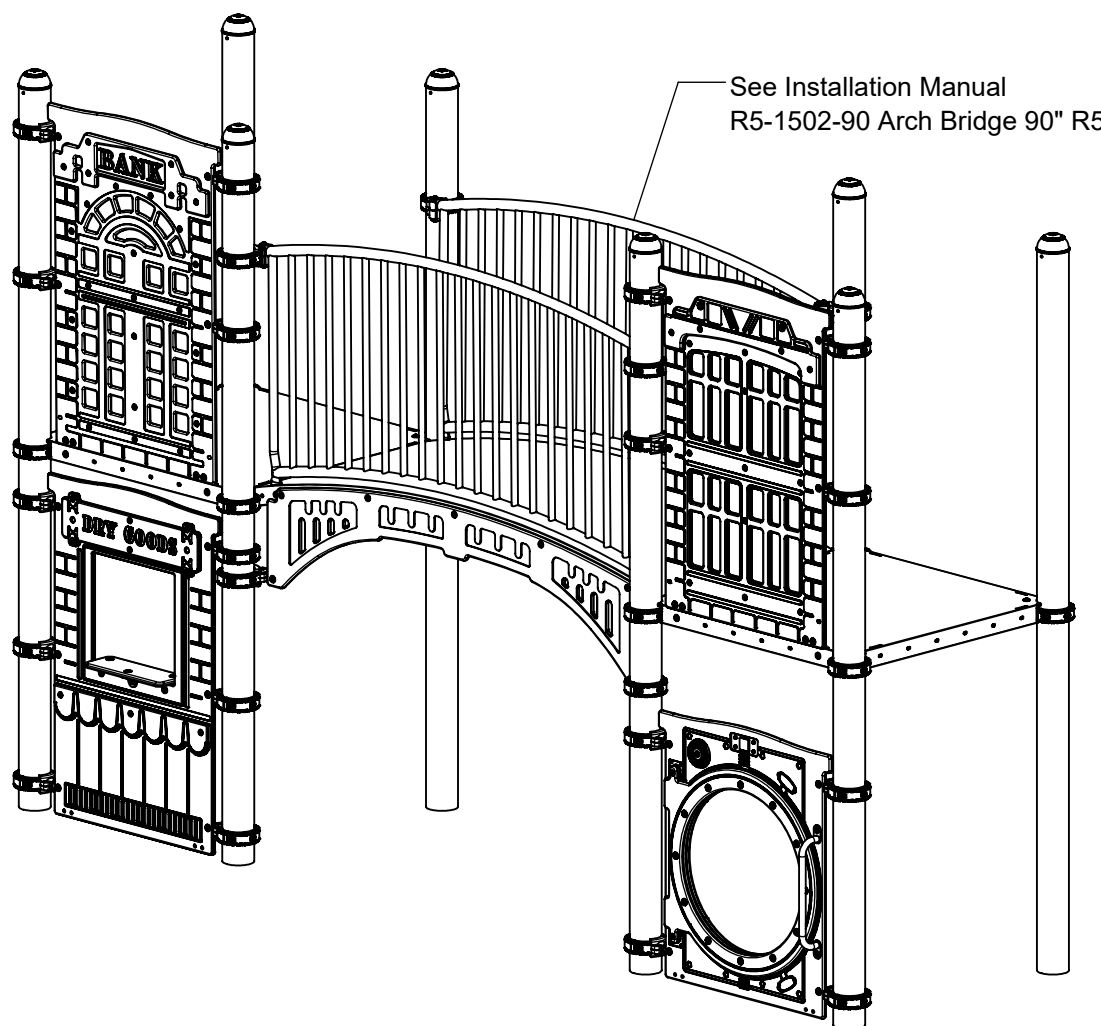
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(B) Refer to Installation Manual for 09 Collars, 11 Socket Clamps, and 1309 Half Wall installation instructions.

(C) All gaps created (e.g. between panels, between panel and deck, between panel and roof, etc.) must be less than 3-1/2" [89mm] or greater than 9" [229mm].

(D) An appropriate energy absorbing safety surface is required under and around all playground equipment. Loose fill protective surfacing is shown only as an example for the purpose of this assembly instruction. Other surfacing material may vary in thickness and/or compression depths. See free publication - The Handbook for Public Playground Safety, Publication #325 at www.cpsc.gov for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

FIGURE 1
City Scape Assembly



CITY SCAPE PANELS

Step 1

Locate and attach collars at heights shown in Elevation View. (See Note B & C)

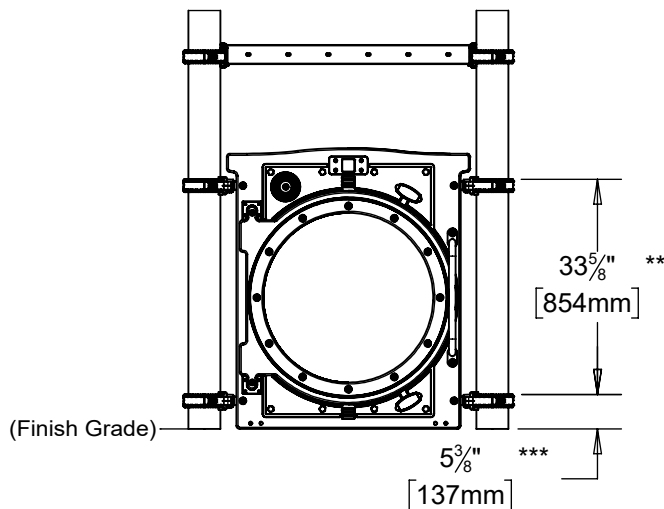
* Height shown from top of deck to top of collar.

** Height shown from top of collar to top of collar.

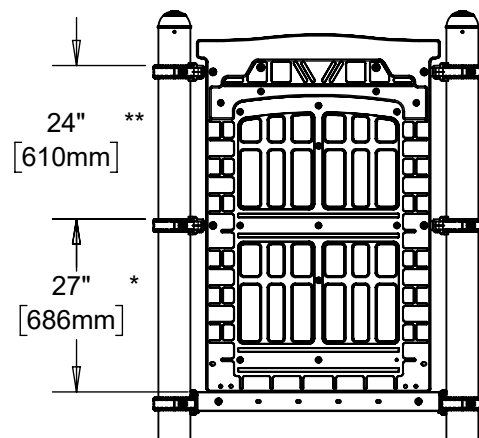
*** Height shown from finish grade to top of collar.

Elevation View

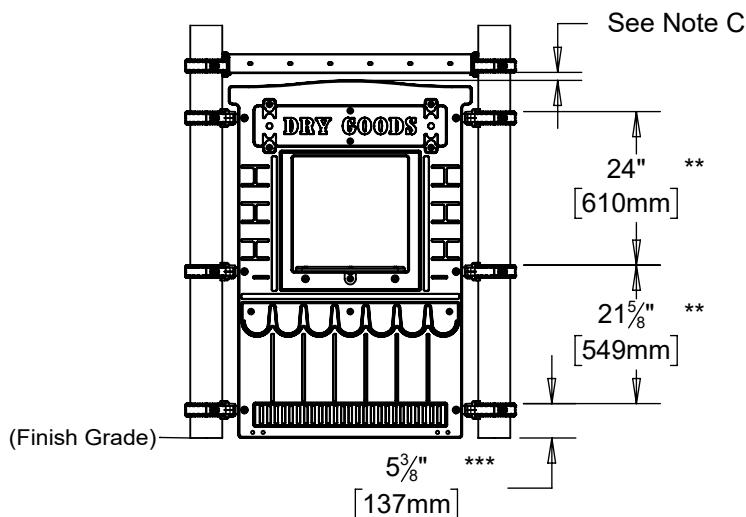
City Scape 48" Ground Mount



City Scape 60" Deck Mount



City Scape 60" Ground Mount



Step 2 For Deck Mount Only

Attach Flat Panel Brackets to City Scape Panel as shown in Figure 2. (See Note A)

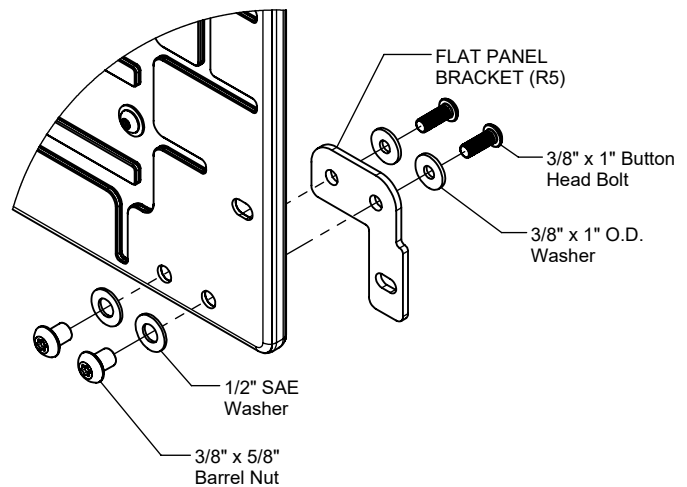


FIGURE 2

Step 3

Attach City Scape Panel to collars as shown in Figure 3. (See Note A)

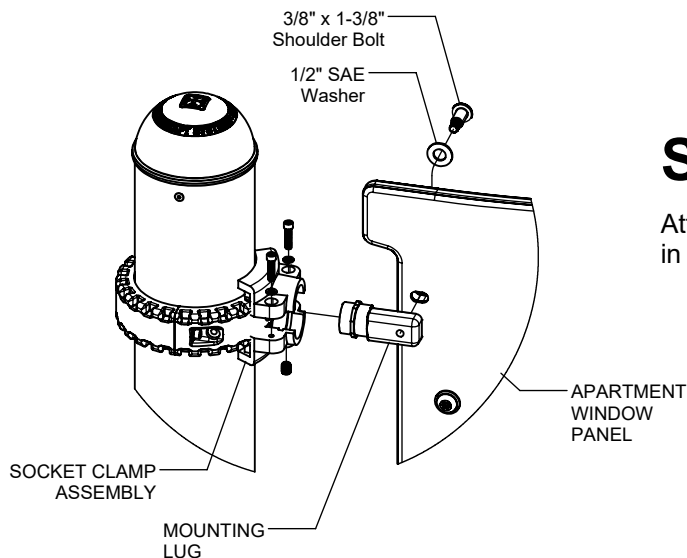


FIGURE 3

Step 4 For Deck Mount Only

Attach Flat Panel Brackets to deck as shown in figure 4. (See Note A)

Step 5

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

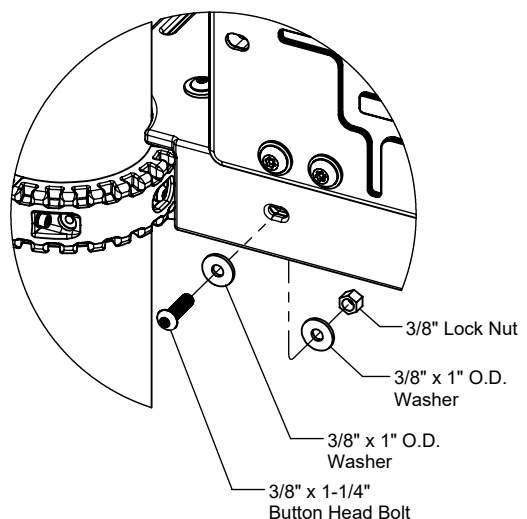


FIGURE 4

ARCH BRIDGE PANEL

Step 1

Locate and attach collars to posts at heights shown in Elevation View. Height shown from top of deck to top of collar. (See Note B)

Elevation View

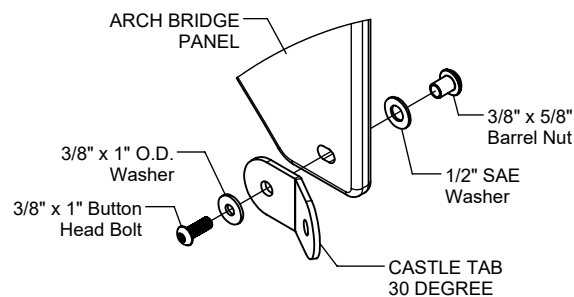
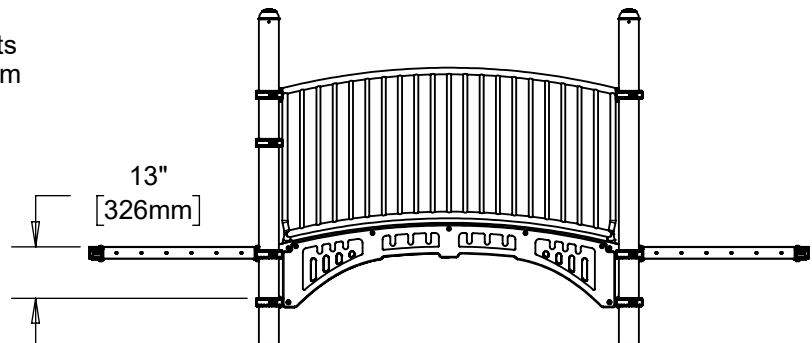


FIGURE 5

Step 3

Attach Arch Bridge Panels to Arch Bridge as shown in Figure 6. (See Note A)

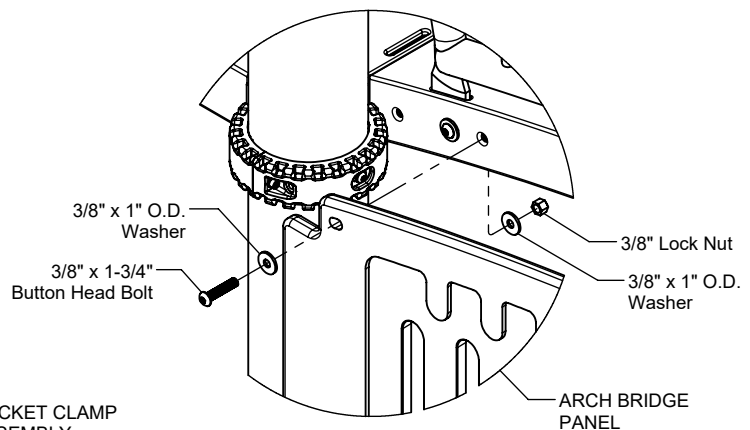


FIGURE 6

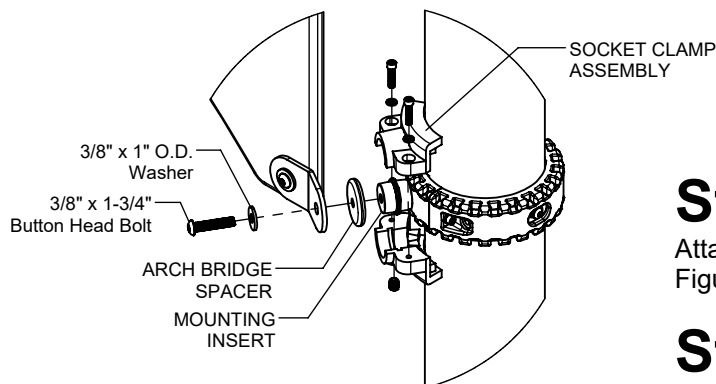


FIGURE 7

Step 2

Attach Castle Tabs Panel to Arch Bridge Panels as shown in Figure 5. (See Note A)

Step 4

Attach Arch Bridge to collars as shown in Figure 7. (See Note A)

Step 5

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

APARTMENT PANEL

Step 1 (Factory Assembled)

Attach Apartment Window Trim to Apartment Window as shown in Figure 8. (See Note A)

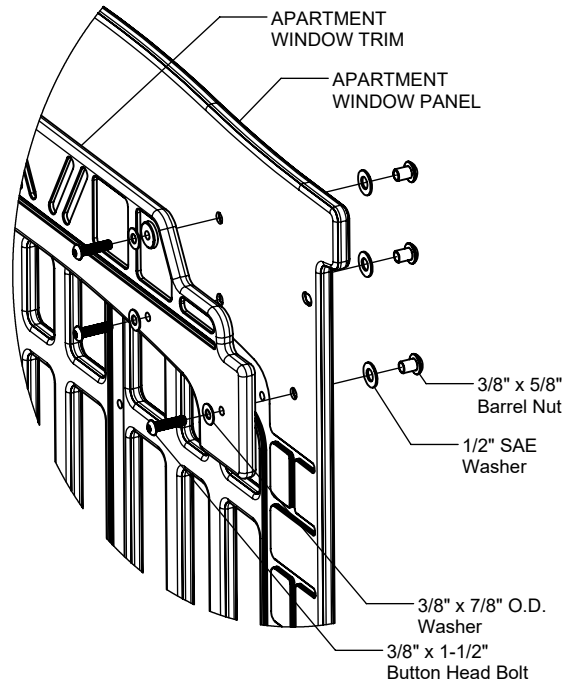


FIGURE 8

Step 2 (Factory Assembled)

Attach Window Pane Top, Window Pane Bottom and Apartment Window Frame to Apartment Window Panel as shown in Figure 9. (See Note A)

Step 3

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

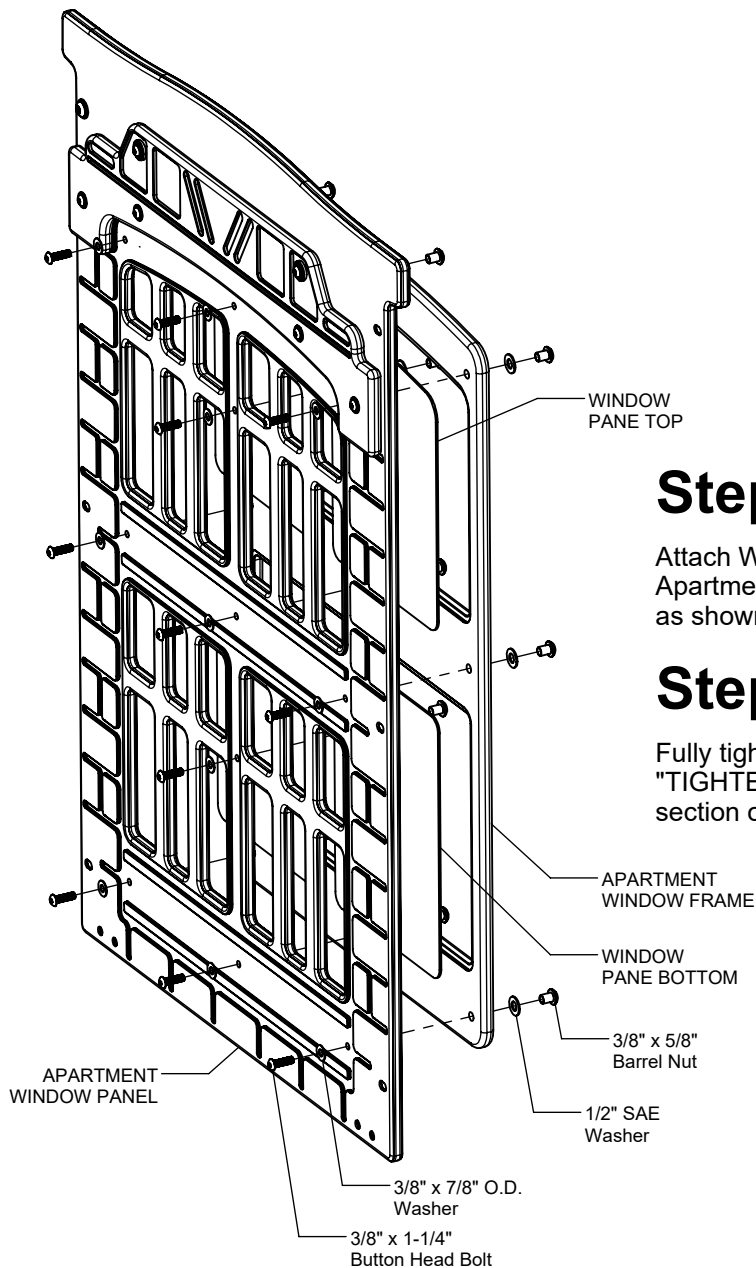


FIGURE 9

ATM PANEL

Step 1 (Factory Assembled)

Attach ATM Inserts and ATM Panel Trim to ATM Panel as shown in Figure 10. (See Note A)

Step 2

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

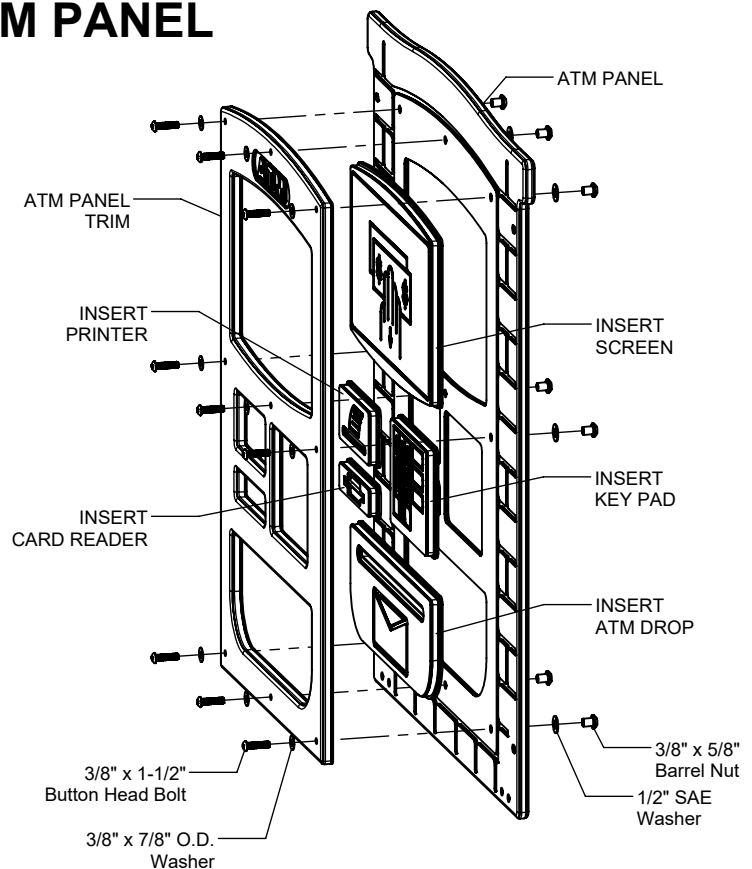


FIGURE 10

BANK PANEL

Step 1 (Factory Assembled)

Attach Bank Insert and Bank Window Trim to Store Window Panel as shown in Figure 11. (See Note A)

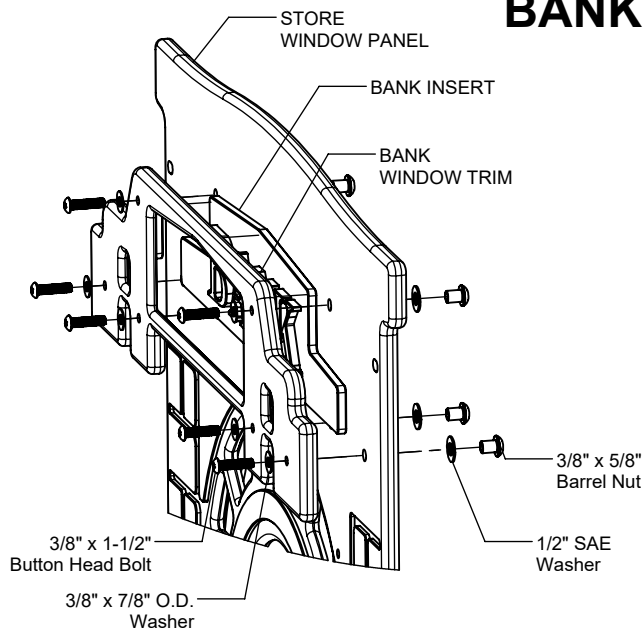


FIGURE 11

Step 2 (Factory Assembled)

Attach Bank Window Panes and Bank Window Frame to Store Window Panel as shown in Figure 12.
(See Note A)

Step 3

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

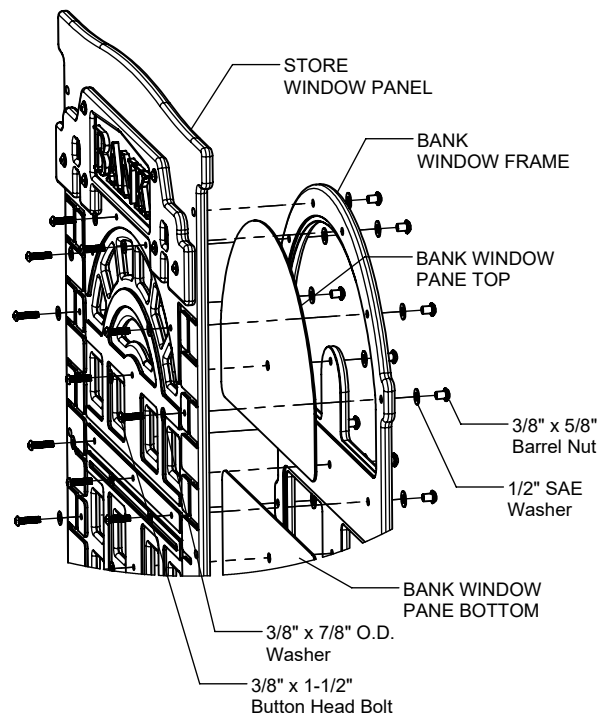


FIGURE 12

CORNER STORE PANEL

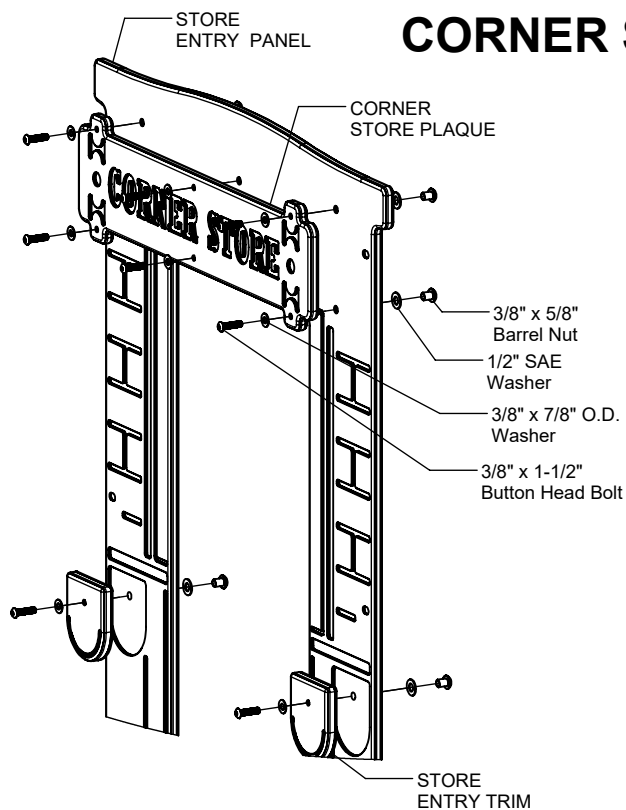


FIGURE 13

Step 1 (Factory Assembled)

Attach Corner Store Plaque and Store Entry Trim to Store Entry Panel as shown in Figure 13.
(See Note A)

Step 2

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

DRY GOODS PANEL

Step 1 (Factory Assembled)

Attach Dry Goods Plaque and Store Panel Trim to Store Panel as shown in Figure 14. (See Note A)

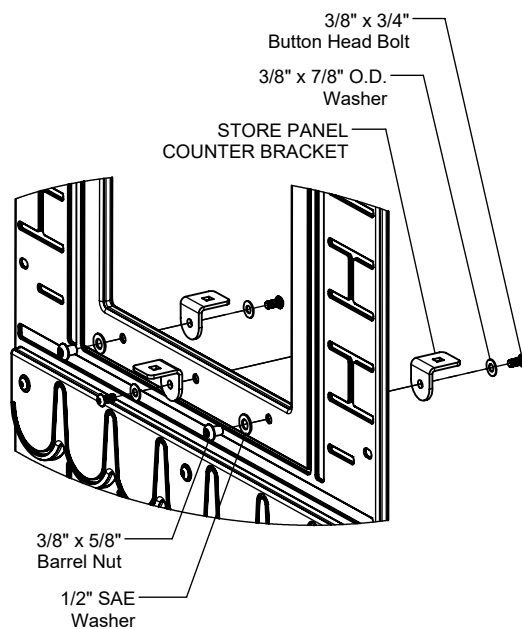


FIGURE 15

Step 3

Attach Counter to Store Panel as shown in Figure 16. (See Note A)

Step 4

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

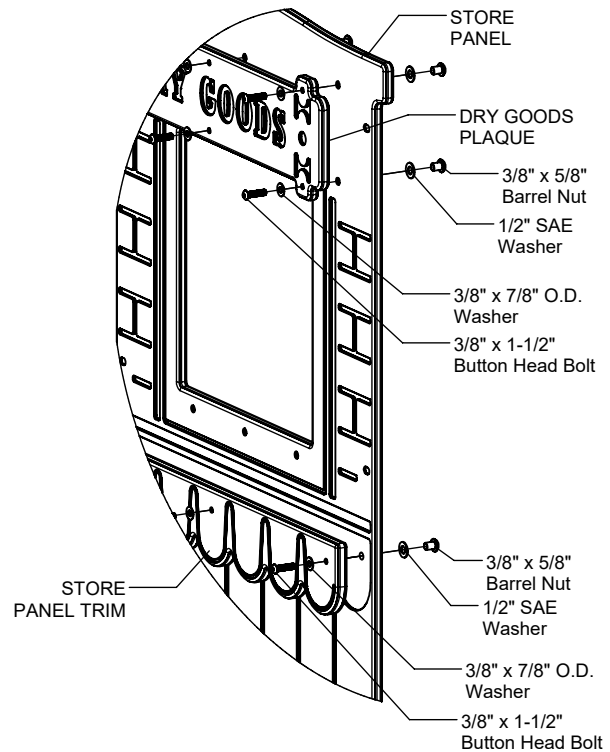


FIGURE 14

Step 2

Attach Store Panel Counter Brackets to Store Panel as shown in Figure 15. (See Note A)

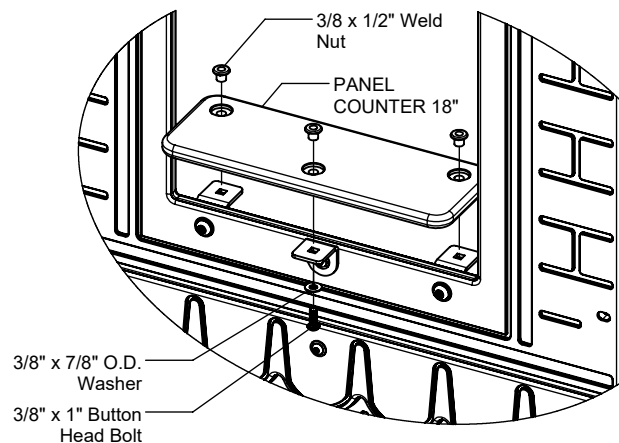


FIGURE 16

DRIVE-UP TELLER PANEL

Step 1 (Factory Assembled)

Attach Windows, Drive-Up Teller Speaker and Drive-Up Teller Trim to Drive-Up Teller Panel as shown in Figure 17. (See Note A)

Step 2

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

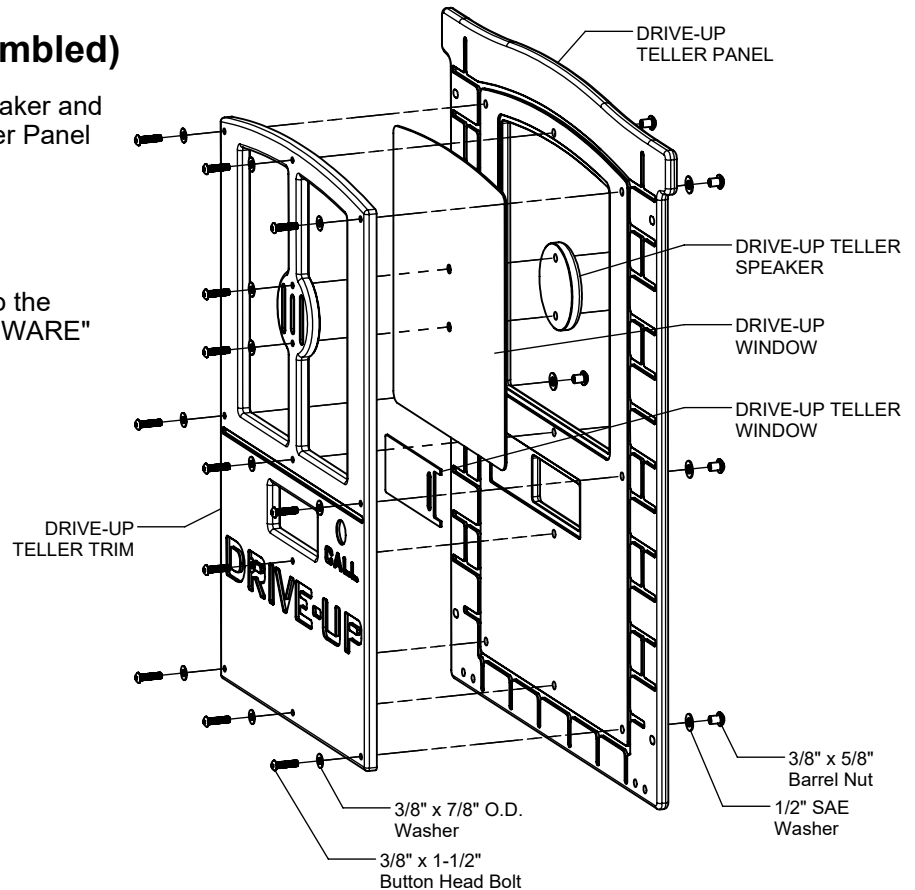


FIGURE 17

FACTORY WINDOW (1917)

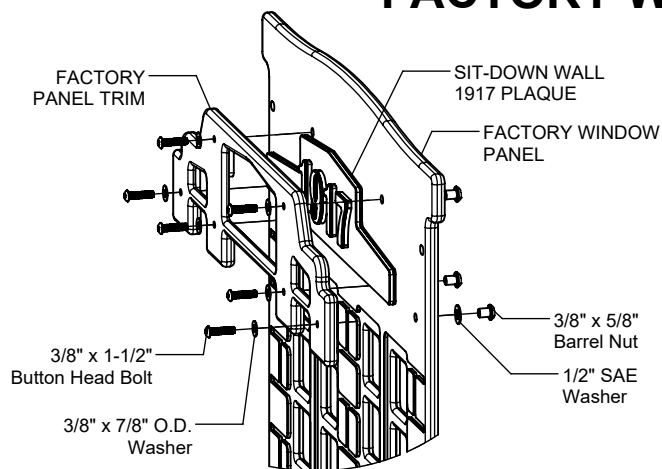


FIGURE 18

Step 1 (Factory Assembled)

Attach 1917 Plaque and Factory Panel Trim to Factory Window Panel as shown in Figure 18. (See Note A)

Step 2

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

FACTORY WINDOW (1907)

Step 1 (Factory Assembled)

Attach 1907 Plaque and Factory Panel Trim to Factory Window Panel as shown in Figure 19.
 (See Note A)

Step 2

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

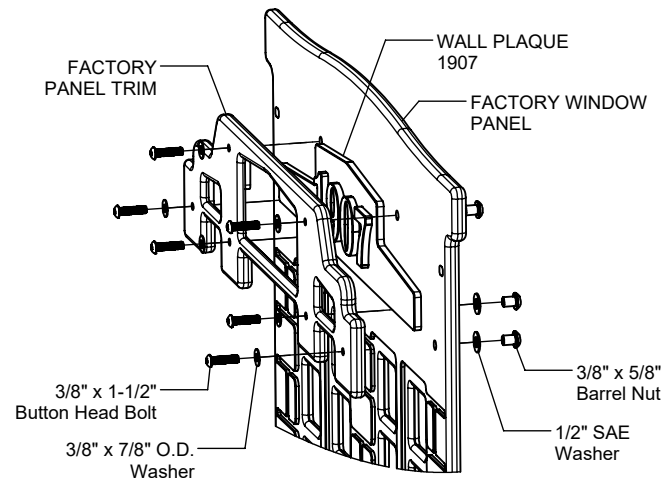


FIGURE 19

FIRE HOUSE TOOLS

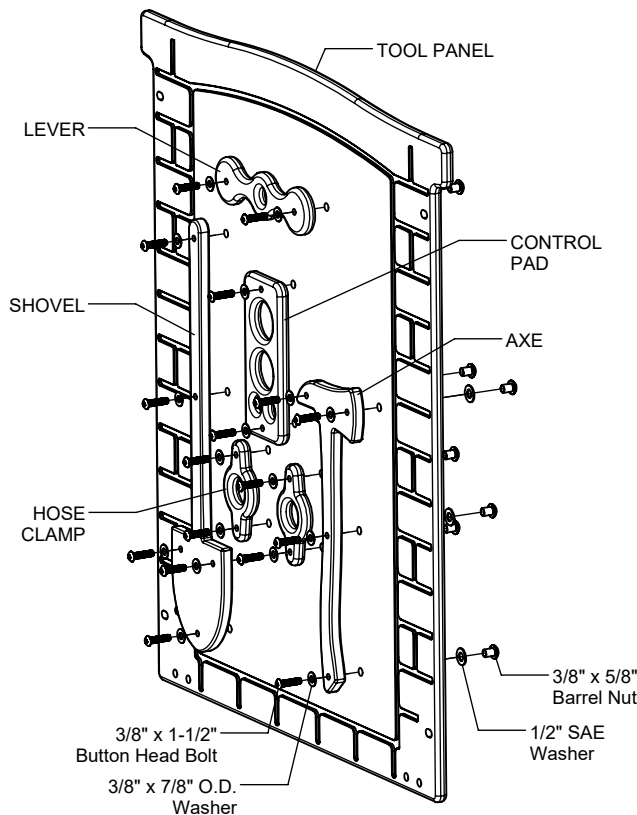


FIGURE 20

Step 1 (Factory Assembled)

Attach Axe, Shovel, Control Pad, Lever and Hose Clamps to Fire House Tool Panel as shown in Figure 20. (See Note A)

Step 2

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

GEAR PANEL

Step 1 (Factory Assembled)

Attach Driver Gear and Spin Hub to Gear Panel Glass- Front as shown in Figure 20. (See Note A)

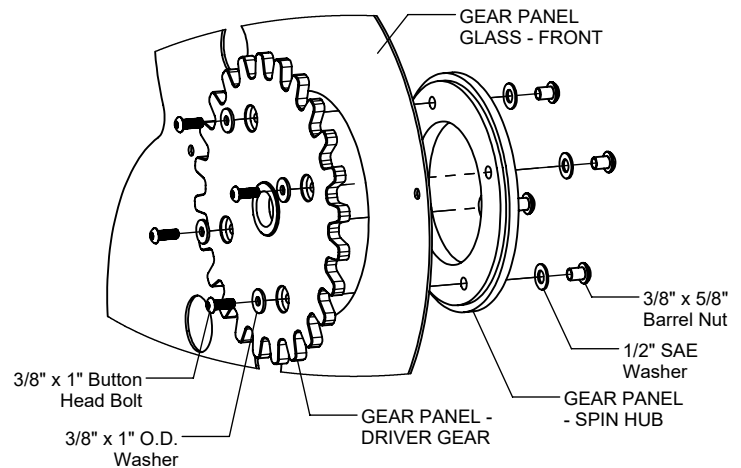


FIGURE 20

Step 2 (Factory Assembled)

Attach Gears, Hubs, Gear Panel Glass, Gear Panel-Brace and Gear Panel-Trim to Gear Panel as shown in Figure 21. (See Note A)

Step 3

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

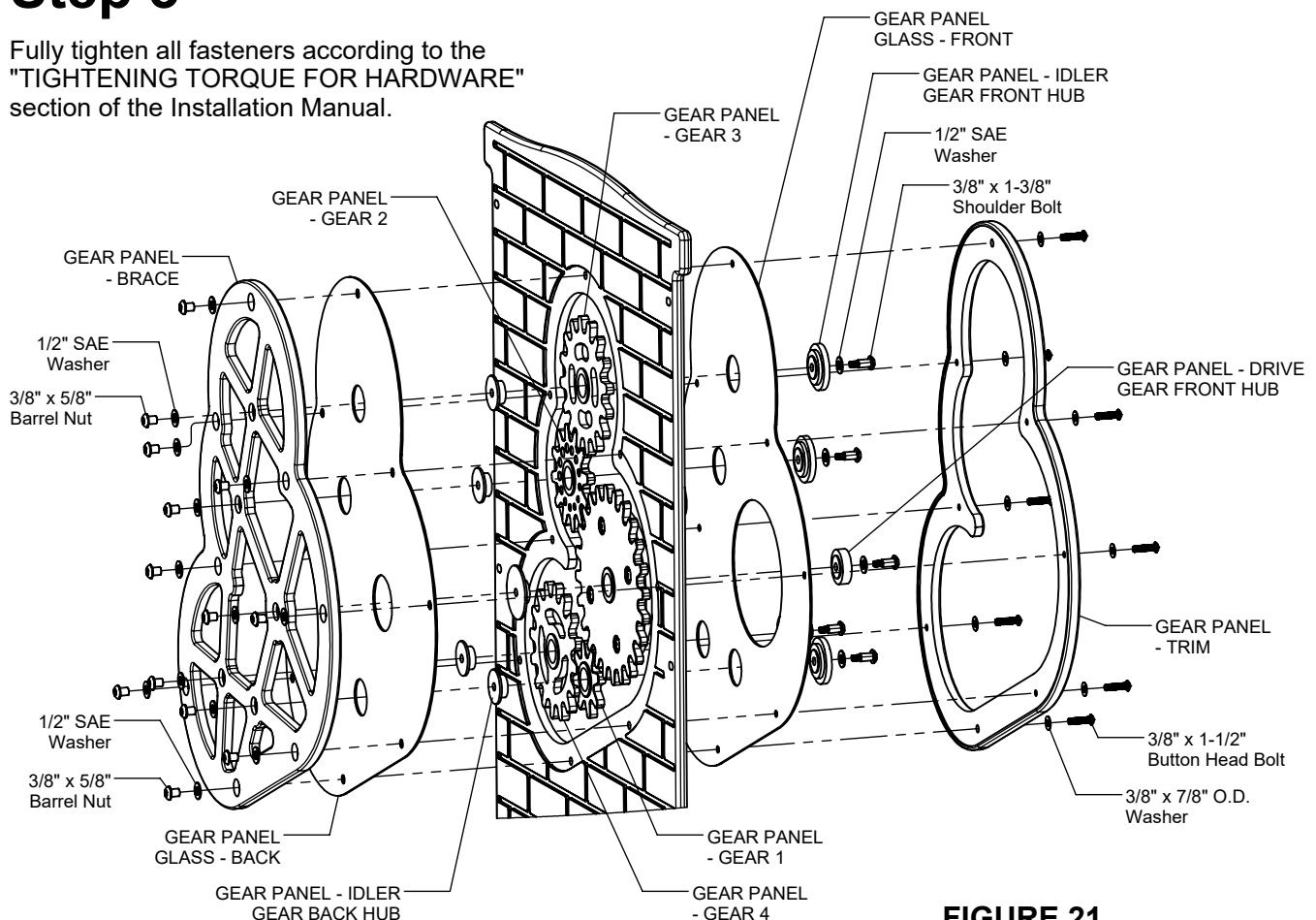


FIGURE 21

POLICE WINDOW PANEL

Step 1 (Factory Assembled)

Attach Police Window Trim to Police Window Panel as shown in Figure 23. (See Note A)

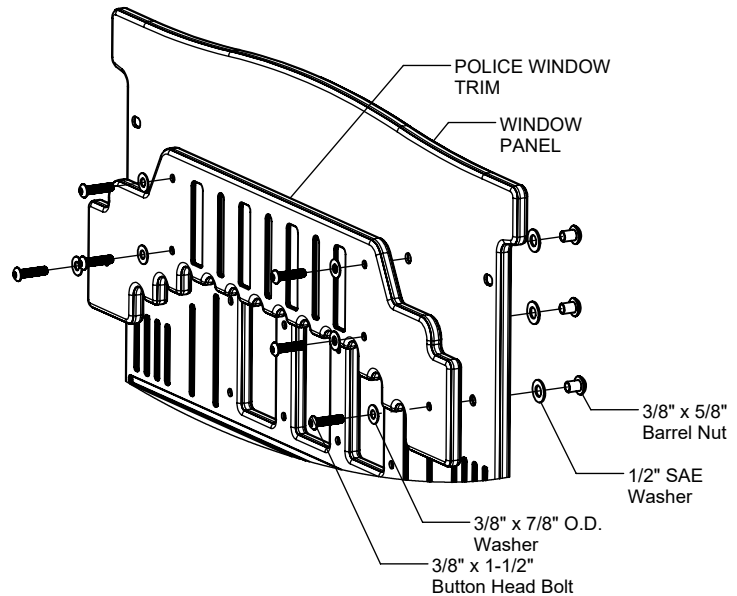


FIGURE 23

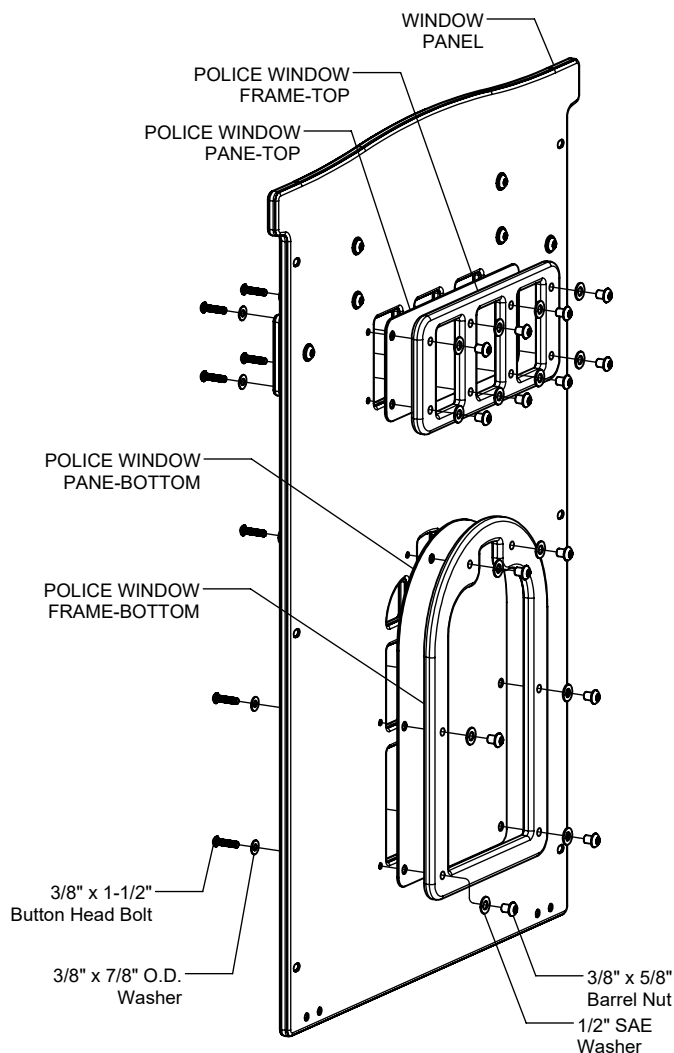


FIGURE 24

Step 2 (Factory Assembled)

Attach Police Window Panes and Police Window Frames to Window Panel as shown in Figure 24. (See Note A)

Step 3

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

PRODUCE PANEL

Step 1 (Factory Assembled)

Attach Produce Panel Trim, Produce Panel Basket, Produce Panel Fruit Large and Produce Panel Fruit Small to Produce Panel as shown in Figure 25. (See Note A)

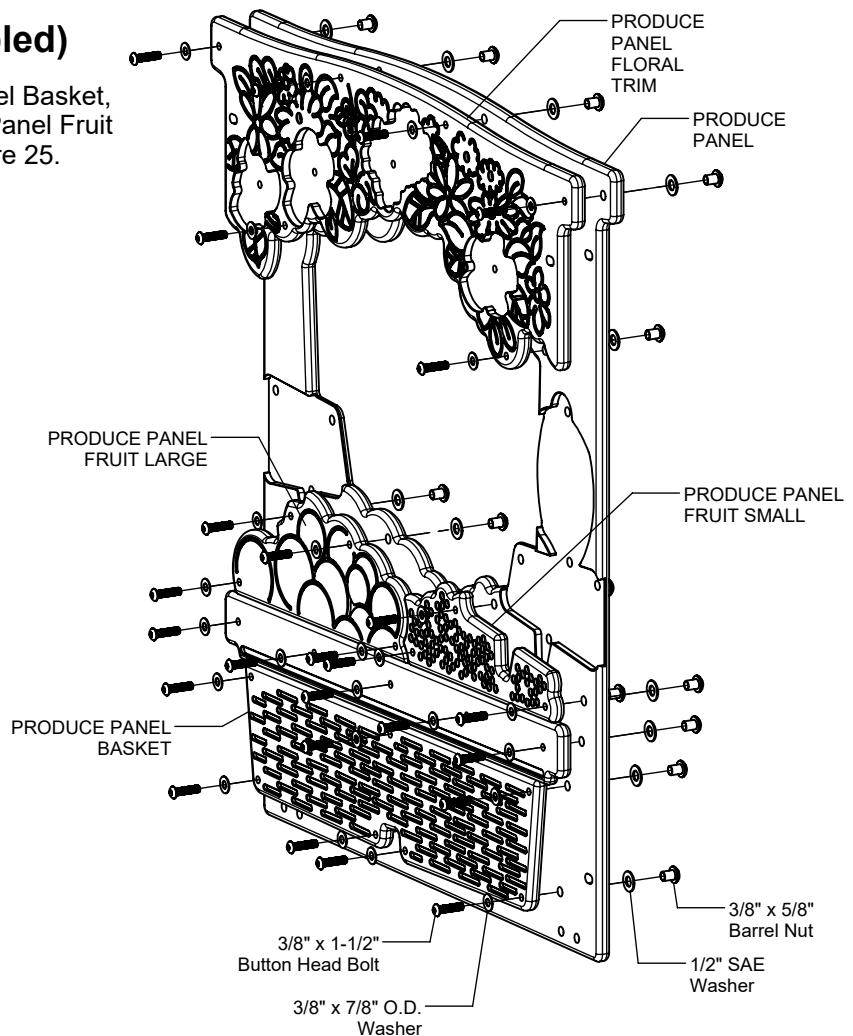


FIGURE 25

Step 2 (Factory Assembled)

Attach Floral Trim - Flowers 1-4 to Produce Panel as shown in Figure 26. (See Note A)

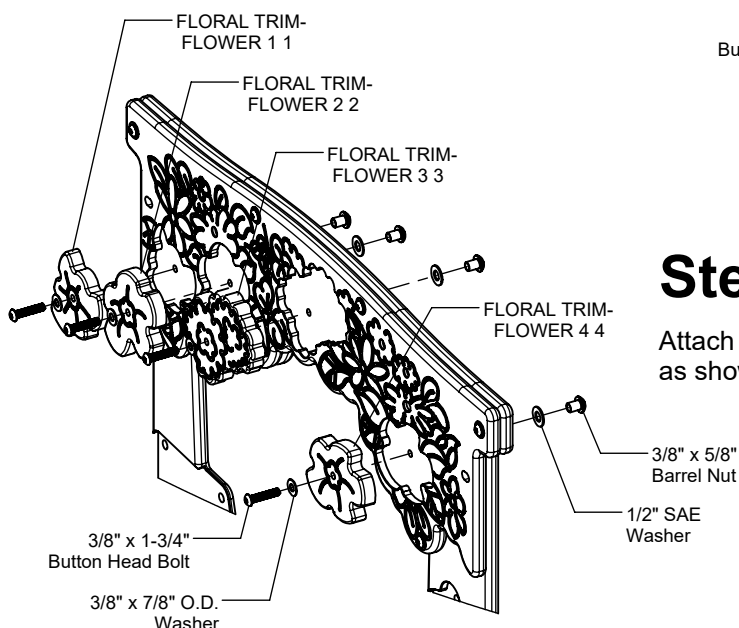


FIGURE 26

Step 3 (Factory Assembled)

Attach Produce Panel Bannanas and Produce Panel Dollar Signs to Produce Panels shown in Figure 27. (See Note A)

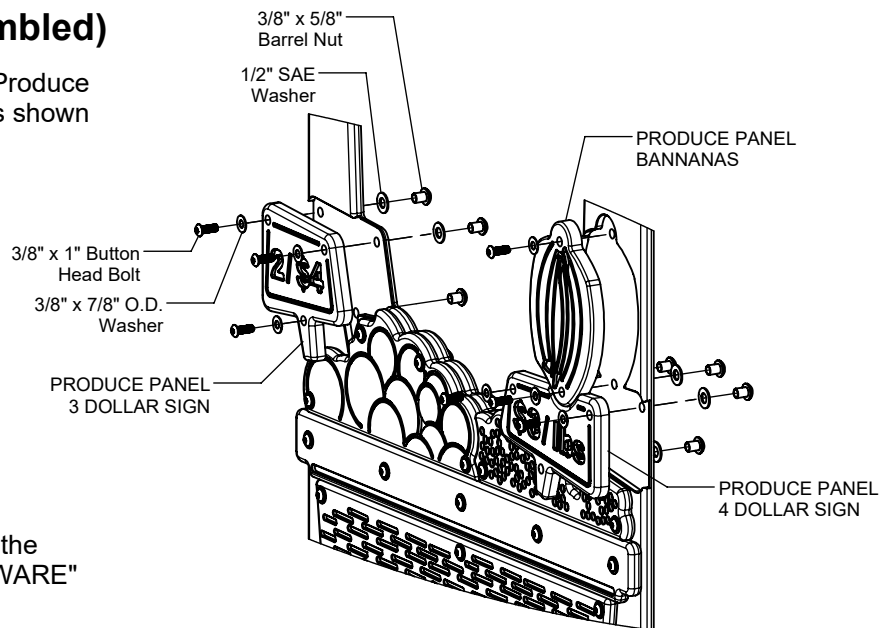


FIGURE 27

Step 4

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

VAULT PANEL

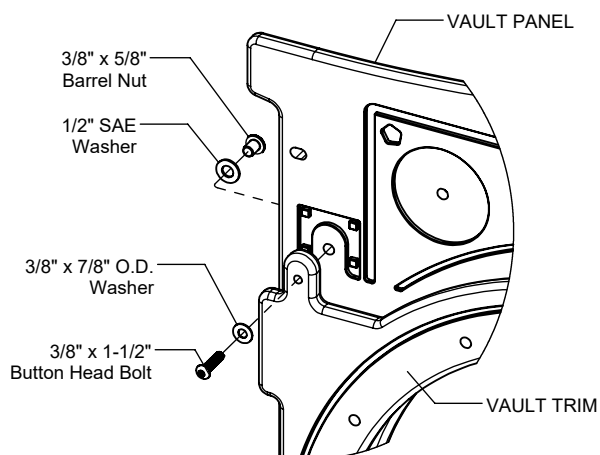


FIGURE 28

Step 1 (Factory Assembled)

Attach Vault Trim to Vault Panel as shown in Figure 28. (See Note A)

Step 2 (Factory Assembled)

Attach Vault Retainer to Vault Panel as shown in Figure 29. (See Note A)

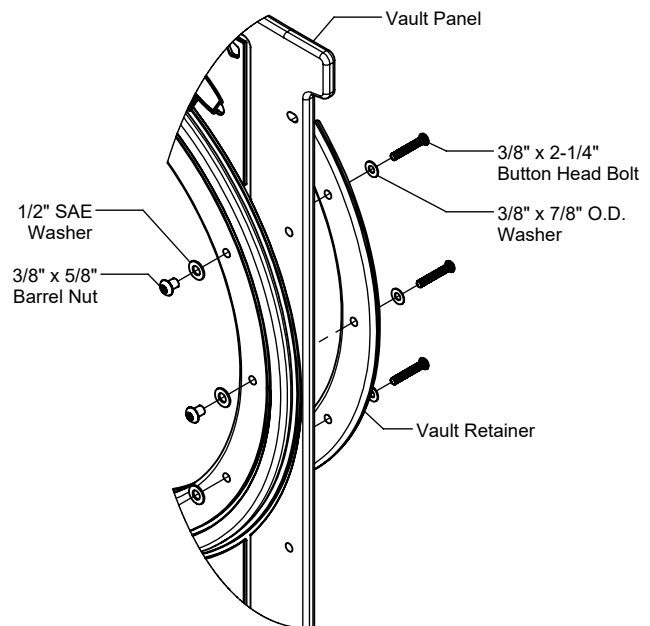


FIGURE 29

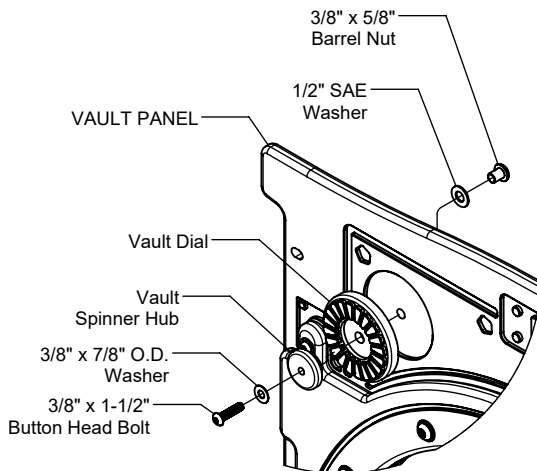


FIGURE 30

Step 3 (Factory Assembled)

Attach Vault Dial and Vault Spinner Hub to Vault Panel as shown in Figure 30. (See Note A)

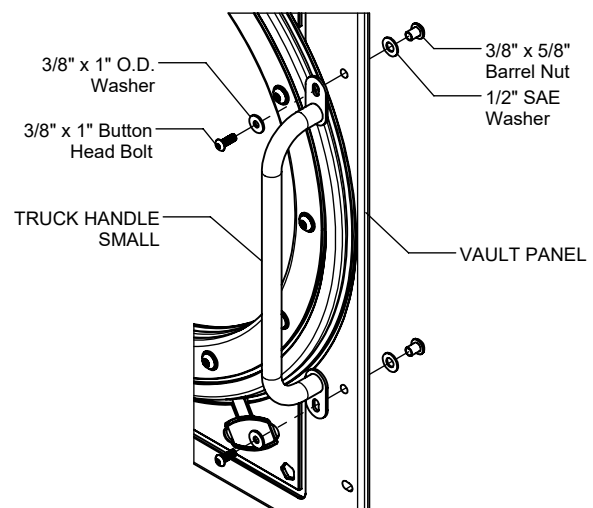


Figure 31

Step 4

Attach Truck Handle Small to Vault Panel as shown in Figure 31. (See Note A)

Step 5

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

CITY SCAPE ASSEMBLY INSTALLATION INSTRUCTIONS

R5-1689
Page 16 of 18

Parts List

ARCH BRIDGE		
Part #	DESCRIPTION	QTY
BE-7036-B30	Castle Tab 30 Degree	4
EE-7149-SPCR	Castle Panel Arch Bridge Spacer	4
EF-0338	Castle Arch Bridge Panel	2
GE-7015	Mounting Insert	4
HS-1001-R5	Socket Clamp Set R5	4
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	14
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	28
9345002	Washer Flat SAE 1/2"	4
9413002	Nut Lock 3/8"	10
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4

PANEL 48" - GROUND MOUNT		
Part #	DESCRIPTION	QTY
GF-7007	Mounting Lug R5	4
HS-1001-R5	Socket Clamp Set R5	4
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	4
9345002	Washer Flat SAE 1/2"	4

PANEL 60" - GROUND MOUNT		
Part #	DESCRIPTION	QTY
GF-7007	Mounting Lug R5	6
HS-1001-R5	Socket Clamp Set R5	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	6
9345002	Washer Flat SAE 1/2"	6

PANEL 60" - DECK MOUNT		
Part #	DESCRIPTION	QTY
AF-7118	Flat Panel Bracket (R5)	2
GF-7007	Mounting Lug R5	4
HS-1001-R5	Socket Clamp Set R5	4
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9345002	Washer Flat SAE 1/2"	8
9413002	Nut Lock 3/8"	2
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4

CITYSCAPE DRY GOODS COUNTER		
Part #	DESCRIPTION	QTY
BE-4285	Store Panel Counter Bracket	3
EE-4930	H.D.P.E. Panel Counter 18"	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	3
9103052-TR	Bolt Button Head 3/8" x 1"	3
9333042	Washer Flat 3/8" x 7/8" O.D.	6
9345002	Washer Flat SAE 1/2"	3
9443022-TR	Nut Barrel 3/8" x 5/8" BH	3
9493012	3/8 x 1/2" Weld Nut	3

CITY SCAPE RADIO CONTROL DOOR		
Part #	DESCRIPTION	QTY
EF-0502	City Scape Radio Control Door Panel 60" R5	1
GF-7007	Mounting Lug R5	6
HS-1001-R5	Socket Clamp Set R5	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	6
9345002	Washer Flat SAE 1/2"	6

Assembled Parts List

CITY SCAPE APARTMENT WINDOW		
Part #	DESCRIPTION	QTY
EF-0145	City Scape Apartment Window R5	1
EF-0146	City Scape Apartment Window Trim R5	1
EF-0166	City Scape Apartment Window Frame R5	1
EF-0167-B	City Scape Apartment Window Pane Bottom	2
EF-0167-T	City Scape Apartment Window Pane Top	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	11
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	6
9333042	Washer Flat 3/8" x 7/8" O.D.	17
9345002	Washer Flat SAE 1/2"	17
9443022-TR	Nut Barrel 3/8" x 5/8" BH	17

CITY SCAPE ATM		
Part #	DESCRIPTION	QTY
EF-0155	City Scape ATM Panel R5	1
EF-0156	City Scape ATM Panel Trim R5	1
EF-0157-DRP	City Scape ATM Insert - Drop	1
EF-0157-KEY	City Scape ATM Insert - Key Pad	1
EF-0157-PRT	City Scape ATM Insert - Printer	1
EF-0157-RDR	City Scape ATM Insert - Card Reader	1
EF-0157-SCR	City Scape ATM Insert - Screen	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	9
9333042	Washer Flat 3/8" x 7/8" O.D.	9
9345002	Washer Flat SAE 1/2"	9
9443022-TR	Nut Barrel 3/8" x 5/8" BH	9

CITY SCAPE BANK		
Part #	DESCRIPTION	QTY
EF-0339	City Scape Store Window Panel R5	1
EF-0340	City Scape Bank Window Trim	1
EF-0341	City Scape Bank Insert	1
EF-0342	City Scape Bank Window Frame	1
EF-0343-BTM	City Scape Bank Window Pane Bottom	1
EF-0343-TOP	City Scape Bank Window Pane Top	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	25
9333042	Washer Flat 3/8" x 7/8" O.D.	25
9345002	Washer Flat SAE 1/2"	25
9443022-TR	Nut Barrel 3/8" x 5/8" BH	25



www.playcraftsystems.com
For Customer Service Call
800.333.8519 (U.S.A.) or 541.955.9199 (International)

Rev A
6/1/2023

CITY SCAPE ASSEMBLY INSTALLATION INSTRUCTIONS

R5-1689
Page 17 of 18

Assembled Parts List

CITY SCAPE CORNER STORE ENTRY R5

Part #	DESCRIPTION	QTY
EF-0150	City Scape Store Entry R5	1
EF-0152	City Scape Corner Store Plaque R5	1
EF-0151	City Scape Store Entry Trim R5	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9333042	Washer Flat 3/8" x 7/8" O.D.	8
9345002	Washer Flat SAE 1/2"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	8

CITY SCAPE DRY GOODS

Part #	DESCRIPTION	QTY
EF-0147	City Scape Store Panel R5	1
EF-0148	City Scape Store Panel Trim R5	1
EF-0149	City Scape Dry Goods Plaque R5	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	9
9333042	Washer Flat 3/8" x 7/8" O.D.	9
9345002	Washer Flat SAE 1/2"	9
9443022-TR	Nut Barrel 3/8" x 5/8" BH	9

CITY SCAPE DRIVE-UP TELLER

Part #	DESCRIPTION	QTY
EF-0351	City Scape Drive-Up Teller Panel R5	1
EF-0352	City Scape Drive-Up Window	1
EF-0352-D	City Scape Drive-Up Teller Door	1
EF-0353	City Scape Drive-Up Teller Trim	1
EF-0353-S	City Scape Drive-Up Teller Speaker	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	12
9333042	Washer Flat 3/8" x 7/8" O.D.	12
9345002	Washer Flat SAE 1/2"	12
9443022-TR	Nut Barrel 3/8" x 5/8" BH	12

CITY SCAPE FACTORY WINDOW

Part #	DESCRIPTION	QTY
EF-0163	City Scape Sit-Down Wall 1917 Plaque	1
EF-0288	City Scape Factory Window Panel R5	1
EF-0288-T	City Scape Factory Panel Trim	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	6
9333042	Washer Flat 3/8" x 7/8" O.D.	6
9345002	Washer Flat SAE 1/2"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	6

CITY SCAPE FACTORY WINDOW (1907)

Part #	DESCRIPTION	QTY
EF-0163-1907	City Scape Sit-Down Wall 1907 Plaque	1
EF-0288	City Scape Factory Window Panel R5	1
EF-0288-T	City Scape Factory Panel Trim	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	6
9333042	Washer Flat 3/8" x 7/8" O.D.	6
9345002	Washer Flat SAE 1/2"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	6

CITY SCAPE FIRE HOUSE TOOLS

Part #	DESCRIPTION	QTY
EE-0002	Spring Rider Axe	1
EE-4633-CP	Fire Truck Control Pad	1
EE-4633-HC	Fire Truck Hose Clamp	2
EE-4633-LV	Fire Truck Lever	1
EE-8194-S	Fire Truck Tools - Shovel	1
EF-0345	City Scape Fire House Tool Panel R5	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	17
9333042	Washer Flat 3/8" x 7/8" O.D.	17
9345002	Washer Flat SAE 1/2"	17
9443022-TR	Nut Barrel 3/8" x 5/8" BH	17

CITY SCAPE GEAR PANEL

Part #	DESCRIPTION	QTY
EE-4546-B	Gear Panel Glass - Back	1
EE-4546-F	Gear Panel Glass - Front	1
EE-8216-B	Gear Panel - Brace	1
EE-8216-DG	Gear Panel - Driver Gear	1
EE-8216-DGBH	Gear Panel - Drive Gear Back Hub	1
EE-8216-DGFH	Gear Panel - Drive Gear Front Hub	1
EE-8216-G1	Gear Panel - Gear 1	1
EE-8216-G2	Gear Panel - Gear 2	1
EE-8216-G3	Gear Panel - Gear 3	1
EE-8216-G4	Gear Panel - Gear 4	1
EE-8216-IGBH	Gear Panel - Idler Gear Back Hub	4
EE-8216-IGFH	Gear Panel - Idler Gear Front Hub	4
EE-8216-SH	Gear Panel - Spin Hub	1
EE-8216-T	Gear Panel - Trim	1
EF-0289	City Scape Gear Panel R5	1
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	5
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9333042	Washer Flat 3/8" x 7/8" O.D.	8
9345002	Washer Flat SAE 1/2"	22
9443022-TR	Nut Barrel 3/8" x 5/8" BH	17

CITY SCAPE POLICE WINDOW

Part #	DESCRIPTION	QTY
EF-0153	City Scape Police Window R5	1
EF-0154	City Scape Police Window Trim R5	1
EF-0168-B	City Scape Police Window Frame - Bottom	1
EF-0168-T	City Scape Police Window Frame - Top	1
EF-0169-B	City Scape Police Window Pane - Bottom	1
EF-0169-T	City Scape Police Window Pane - Top	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	20
9333042	Washer Flat 3/8" x 7/8" O.D.	20
9345002	Washer Flat SAE 1/2"	20
9443022-TR	Nut Barrel 3/8" x 5/8" BH	20



www.playcraftsystems.com
For Customer Service Call
800.333.8519 (U.S.A.) or 541.955.9199 (International)

Rev A
6/1/2023

Assembled Parts List

CITY SCAPE PRODUCE PANEL		
Part #	DESCRIPTION	QTY
EF-0237	City Scape Produce Panel R5	1
EF-0238	Produce Panel Floral Trim	1
EF-0238-FL1	Floral Trim - Flower 1	1
EF-0238-FL2	Floral Trim - Flower 2	1
EF-0238-FL3	Floral Trim - Flower 3	1
EF-0238-FL4	Floral Trim - Flower 4	1
EF-0239	Produce Panel Basket	1
EF-0239-T	Produce Panel Basket Top	1
EF-0240	Produce Panel Bananas	1
EF-0241	Produce Panel 3 Dollar Sign	1
EF-0242	Produce Panel 4 Dollar Sign	1
EF-0243	Produce Panel Fruit Large	1
EF-0244	Produce Panel Fruit Small	1
9103052-TR	Bolt Button Head 3/8" x 1"	8
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	25
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9333042	Washer Flat 3/8" x 7/8" O.D.	37
9345002	Washer Flat SAE 1/2"	37
9443022-TR	Nut Barrel 3/8" x 5/8" BH	37

CITY SCAPE VAULT CRAWL THRU		
Part #	DESCRIPTION	QTY
EF-0290-D	City Scape Vault Dial	1
EF-0290-H	City Scape Vault Spinner Hub	1
EF-0290-R	City Scape Vault Retainer	4
EF-0290-T	City Scape Vault Trim	1
FS-PC1398-HND	Truck Handle Small	1
9103052-TR	Bolt Button Head 3/8" x 1"	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	1
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	2
9333042	Washer Flat 3/8" x 7/8" O.D.	13
9345002	Washer Flat SAE 1/2"	2
9443022-TR	Nut Barrel 3/8" x 5/8" BH	3

Specifications

CITY SCAPE PANELS & TRIM:

Shall be made from high density 3/4" sheet plastic specially formulated for optimum UV stability and color retention.

CITY SCAPE WINDOW PANES:

Shall be made from .118" thick clear polycarbonate.

TRUCK HANDLE SMALL:

Shall be fabricated using 1.209 OD 14ga tube steel and 10 ga HR sheet steel and will have a multi-stage baked-on powder coat finish.

CASTLE TAB 30 DEGREE:

Shall be precision cut and formed from 3/16" thick sheet steel and will have a multi-stage baked-on powder coat finish.

FLAT PANEL BRACKET:

Shall be precision cut from 3/16" thick sheet steel and will have a multi-stage baked-on powder coat finish.

STORE PANEL COUNTER BRACKET:

Shall be precision cut and formed from 3/16" thick sheet steel and will have a multi-stage baked-on powder coat finish.

MOUNTING INSERTS:

Shall be precision die-cast from a high-strength aluminum alloy.

MOUNTING LUGS:

Shall be precision die-cast from a high-strength aluminum alloy. The Mounting Lugs have a multi-stage baked-on powder coat finish.

SOCKET CLAMPS:

Shall be two-part and precision die-cast from a high strength aluminum alloy and will have a multi-stage baked-on powder coat finish.

HARDWARE:

Shall be stainless steel, zinc/nickel plated or galvanized as required to resist rust and corrosion.

Maintenance

Periodically tighten all screws, bolts and nuts. A periodic inspection of all parts is necessary. If a part is broken or worn, replace immediately. For general maintenance please refer to our Playground Maintenance Manual.