

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.

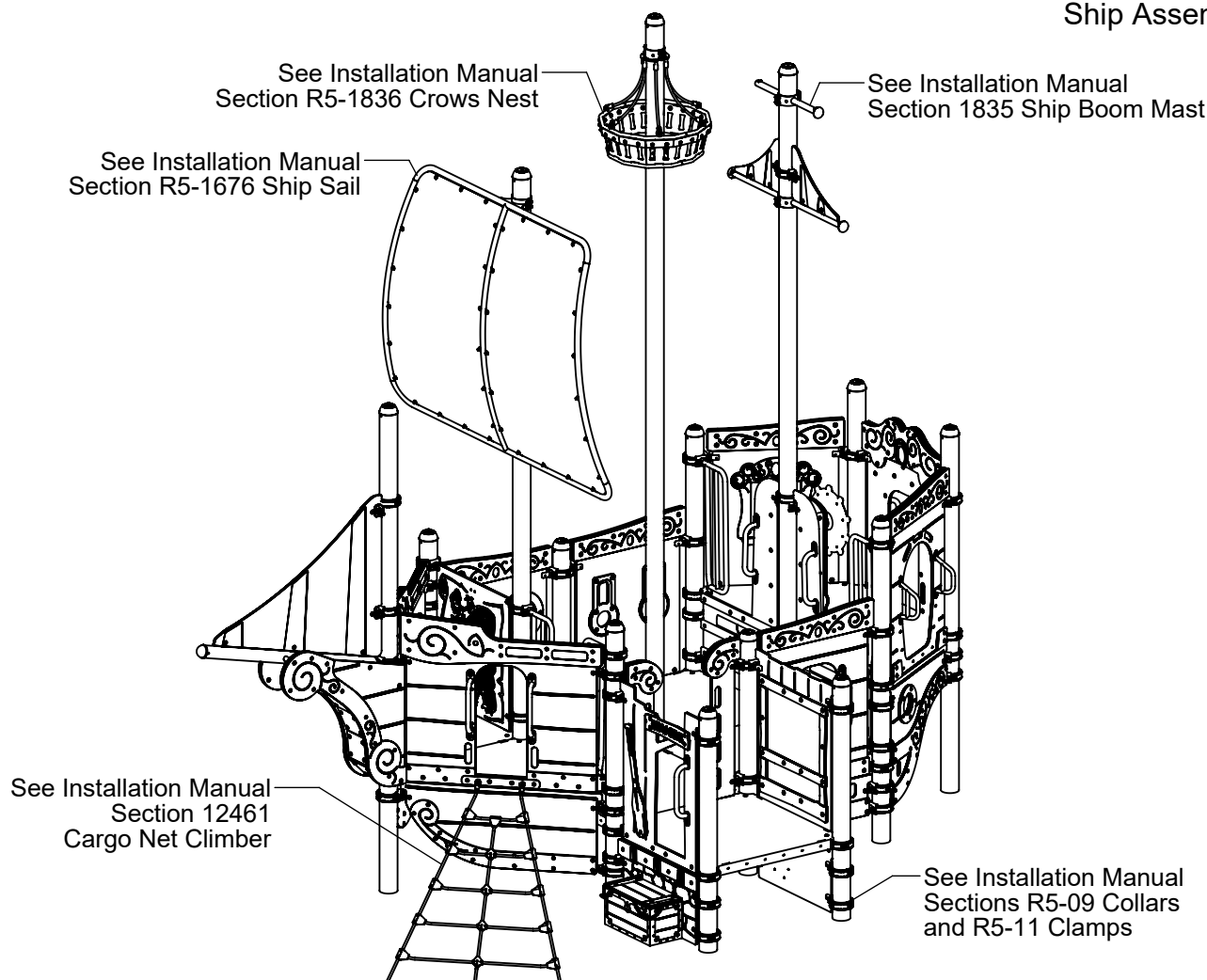
(B) Refer to Installation Manual for R5-09 Collars, R5-11 Socket Clamps, R5-1309 Half Wall, R5-1676 Ship Sail, 1835 Ship Mast Booms, R5-1836 Crows Nest, and 12461 Cargo Net Climber installation instructions.

(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) Refer to the Site Plan and Elevation Drawings included with the Installation Guidelines for Panel Trim orientation.

(E) 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
Ship Assembly



SHIP PANEL

Step 1

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

NOTE: Porthole Panel shown.

Elevation View

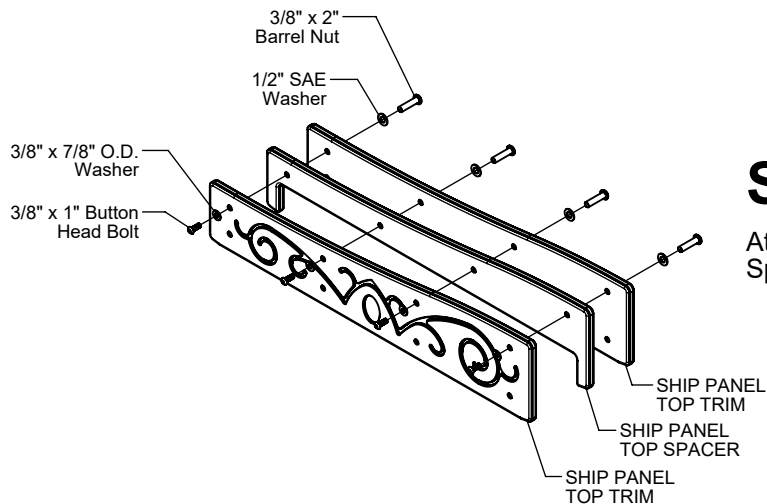
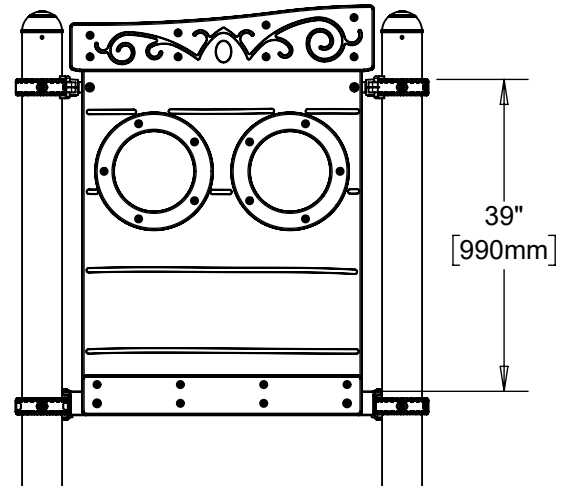


FIGURE 2

Step 2 (Factory Assembled)

Attach Ship Panel Top Trim to Ship Panel Top Spacer as shown in Figure 2. (See Note A)

Step 3 (Factory Assembled)

Attach Panel Deck Trim to Ship Panel as shown in Figure 3. (See Note A)

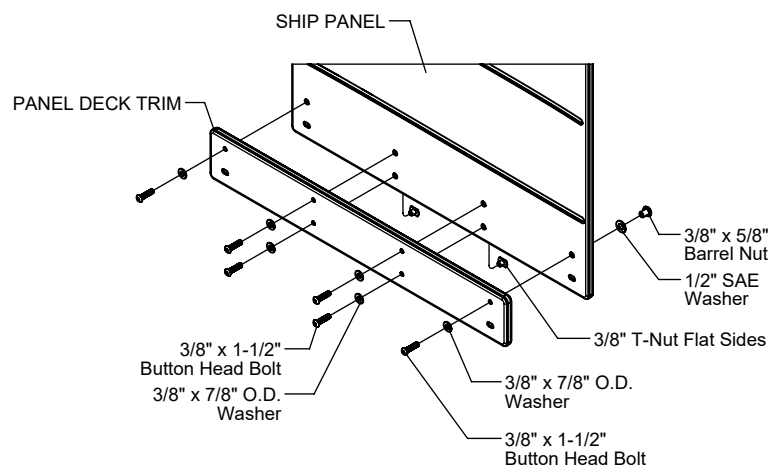


FIGURE 3

Step 4 (Factory Assembled)

Attach Trim to Ship Panel as shown in Figure 4.
(See Note A)

NOTE: Porthole Panel shown. Other Panels and Trim may vary, but does not affect assembly.

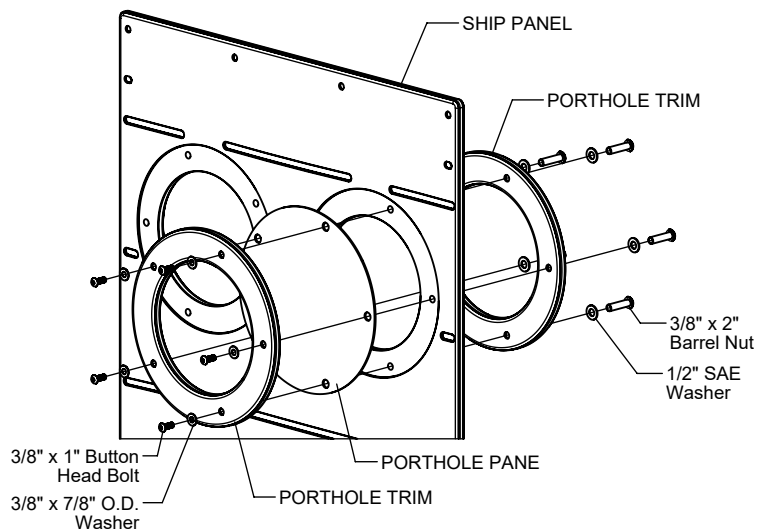


FIGURE 4

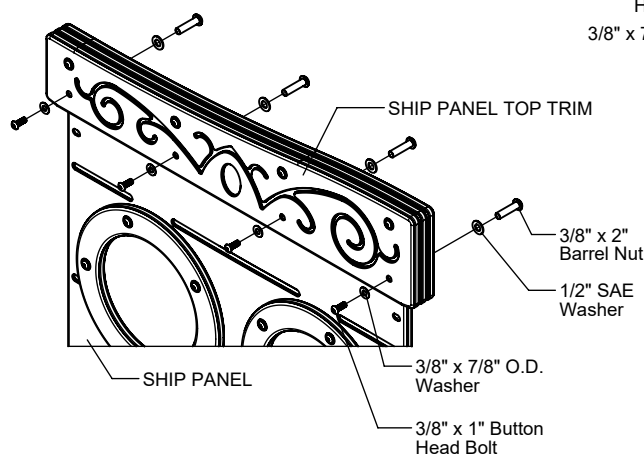


FIGURE 5

Step 5

Attach Ship Panel Top Trim to Ship Panel as shown in Figure 5. (See Notes A & D)

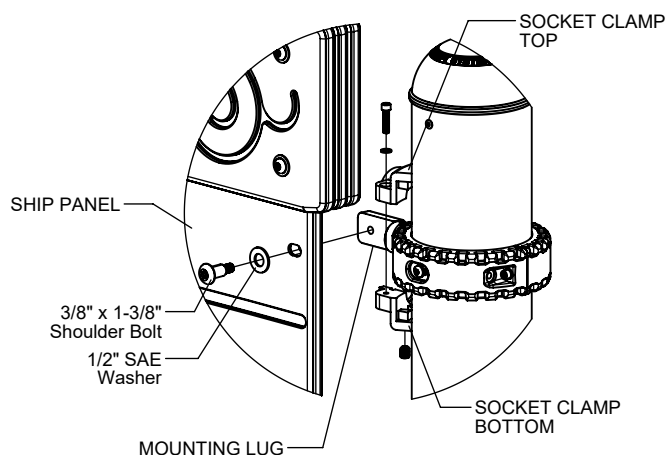


FIGURE 6

Step 6

Attach Ship Panel to collars as shown in Figure 6.
(See Notes A & B)

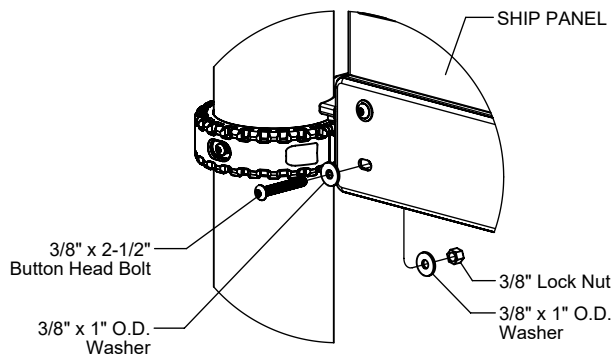


FIGURE 7

Step 7

Attach Ship Panel to deck as shown in Figure 7.
(See Note A)

Step 8

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

ACCESS PANEL

Step 1 (Factory Assembled)

Attach Ship Panel Top Trim to Ship Panel Top Spacer as shown in Figure 8. (See Note A)

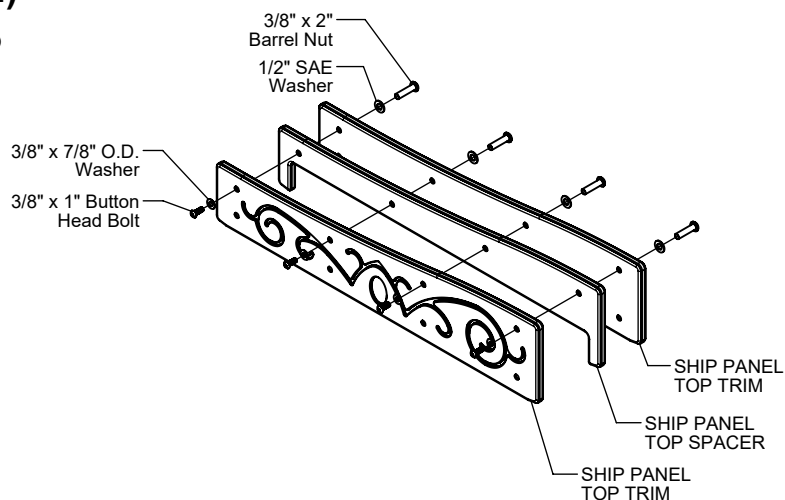


FIGURE 8

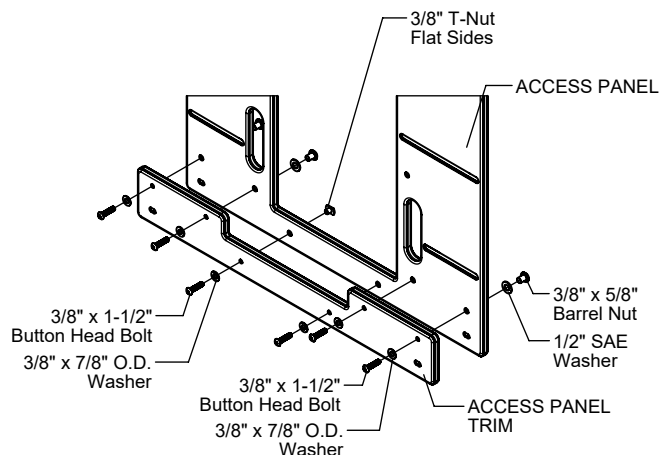


FIGURE 9

Step 2 (Factory Assembled)

Attach Access Panel Trim to Access Panel as shown in Figure 9. (See Note A)

NOTE: Standard Access Panel shown.

Step 3

Attach Ship Panel Top Trim to Access Panel as shown in Figure 10. (See Notes A & D)

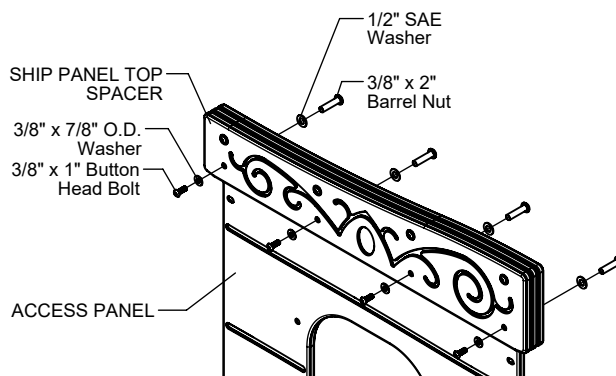


FIGURE 10

Step 4

Refer to Ship Panel Elevation View for collar height and attach Access Panel to collars as shown in Figure 11.
(See Notes A & B)

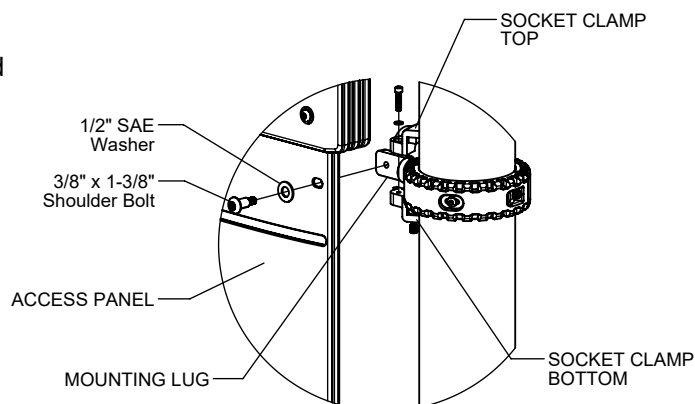


FIGURE 11

Step 5

Attach to Access Panel to deck as shown in Figure 12.
(See Note A)

No Event Mount

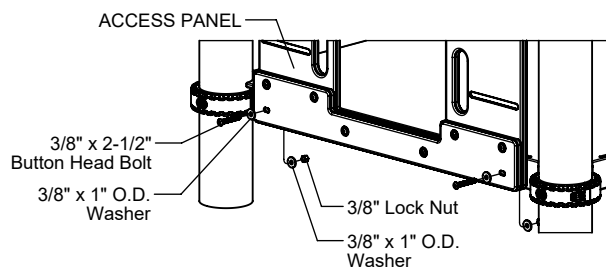


FIGURE 12a

2 Bolt Outside Mount

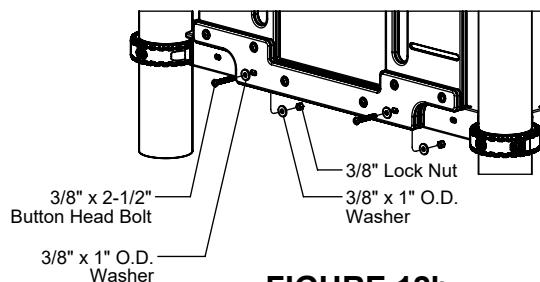


FIGURE 12b

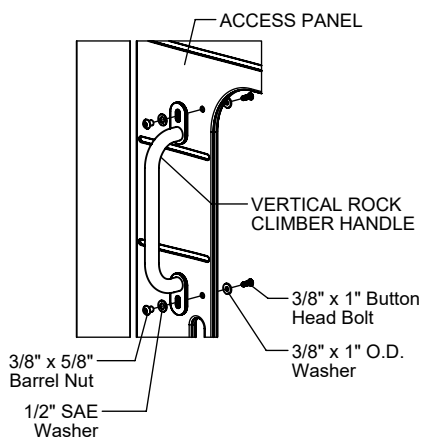


FIGURE 13

Step 6

Attach Vertical Rock Climber Handles to Access Panel as shown in Figure 13. (See Note A)

Step 7

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

ACCESS PANEL ABOVE DECK

Step 1

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

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

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

Elevation View

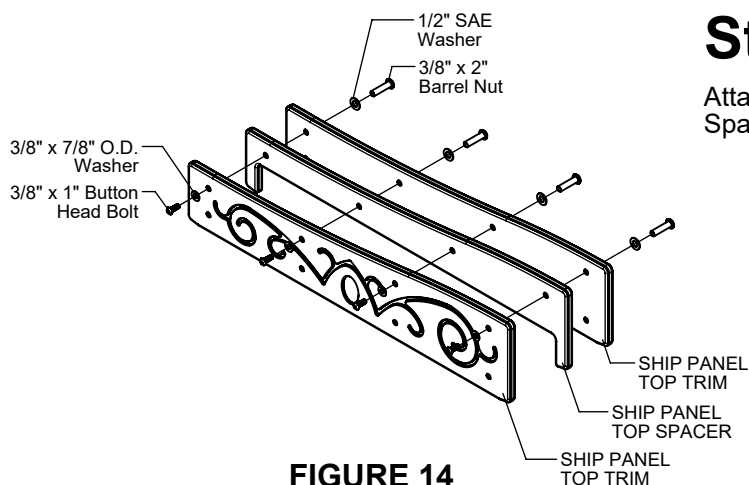
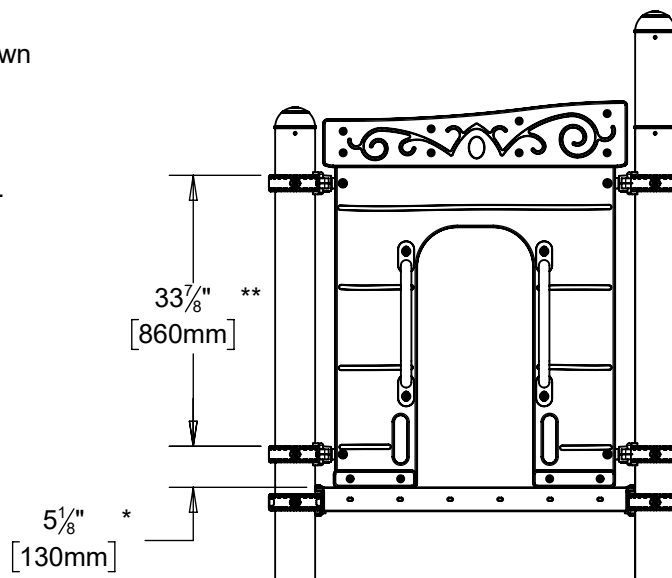


FIGURE 14

Step 3 (Factory Assembled)

Attach Access Panel Trim to Access Panel as shown in Figure 15. (See Note A)

Step 2 (Factory Assembled)

Attach Ship Panel Top Trim to Ship Panel Top Spacer as shown in Figure 14. (See Note A)

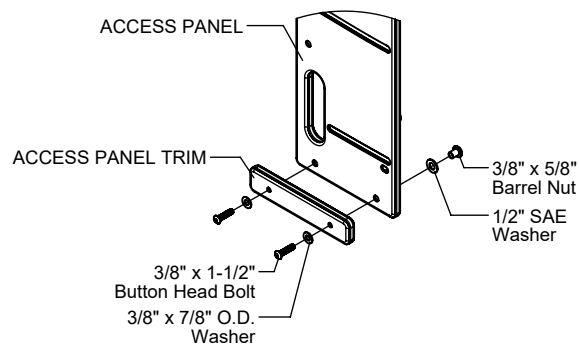


FIGURE 15

Step 4

Attach Ship Panel Top Trim to Access Panel as shown in Figure 16. (See Notes A & D)

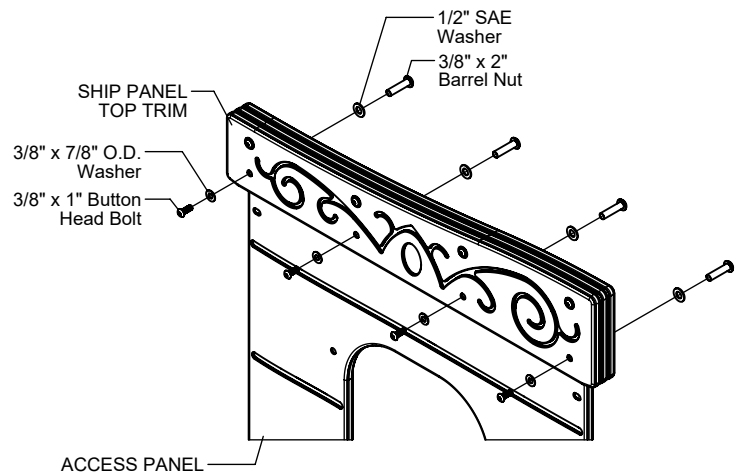


FIGURE 16

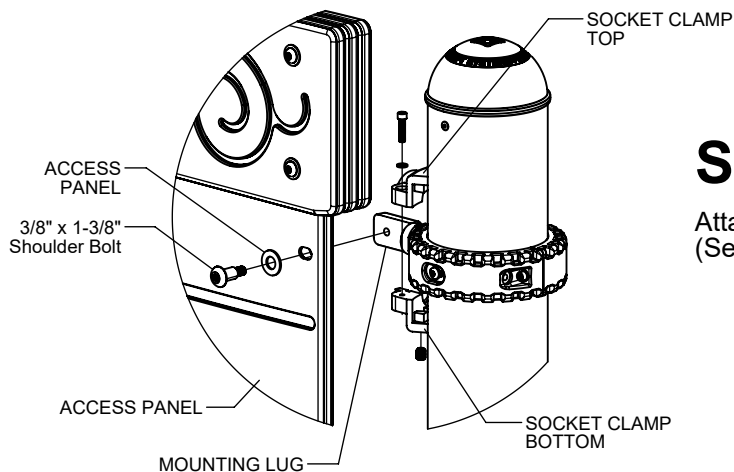


FIGURE 17

Step 5

Attach Access Panel to collars as shown in Figure 17. (See Notes A & B)

Step 6

Attach Vertical Rock Climber Handles to Access Panel as shown in Figure 18. (See Note A)

Step 7

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

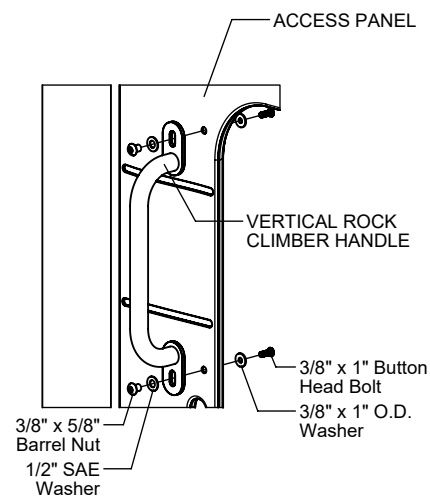


FIGURE 18

BELOW DECK 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 Notes B & C)

NOTE: Use Below Deck Panel to locate lower collar.

Elevation View

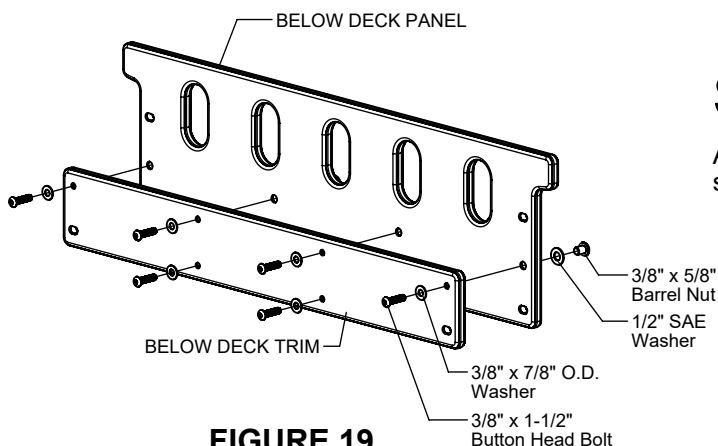
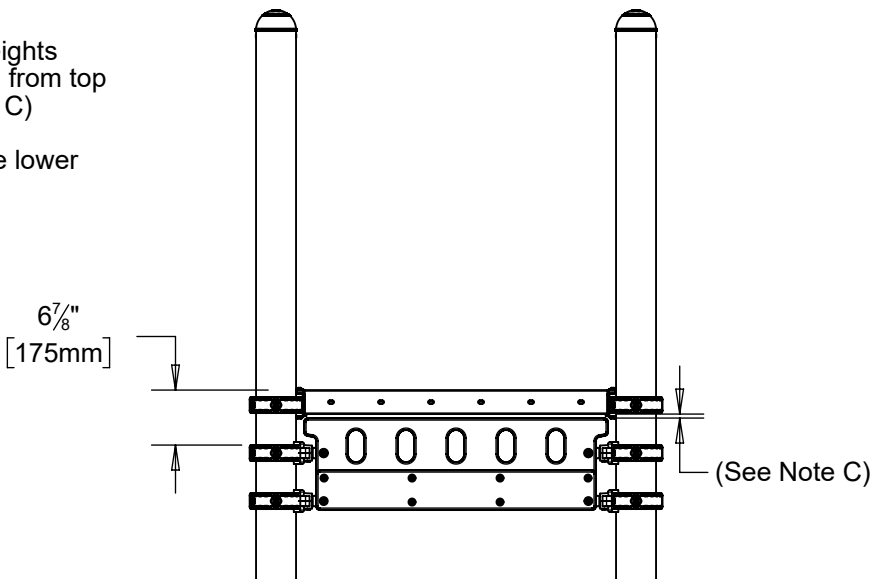


FIGURE 19

Step 2 (Factory Assembled)

Attach Below Deck Trim to Below Deck Panel as shown in Figure 19. (See Note A)

Step 3

Attach Below Deck Panel to collars as shown in Figure 20. (See Notes A & B)

Step 4

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

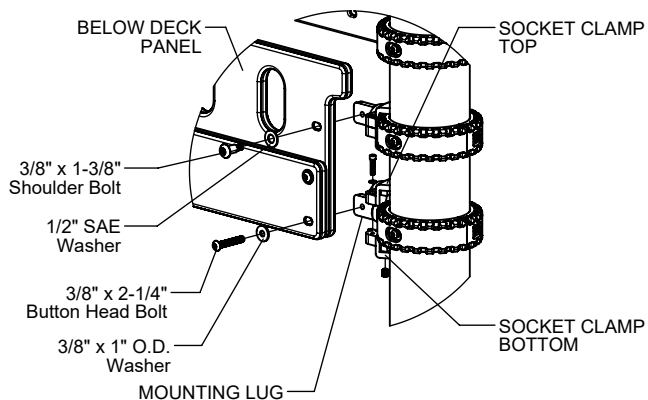


FIGURE 20

CAPTAIN'S ACCESS PANEL

Step 1

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

Elevation View

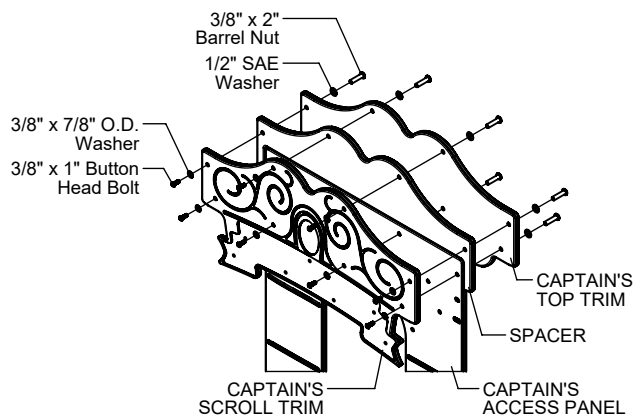
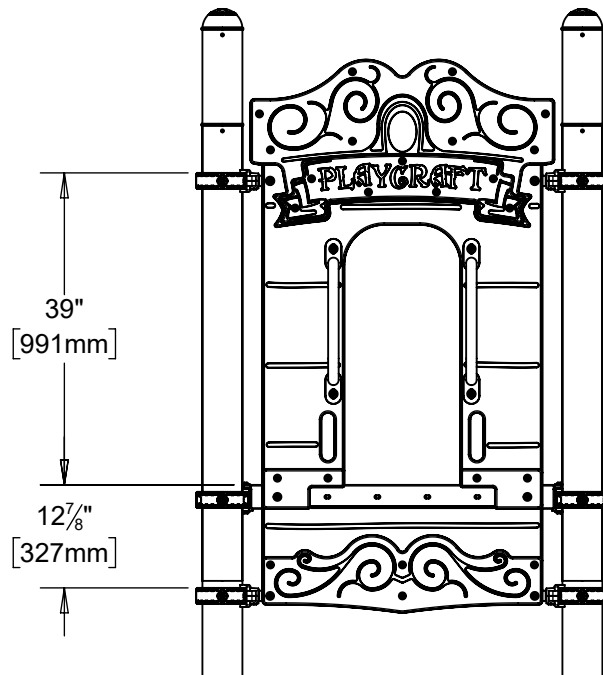


FIGURE 21

Step 3 (Factory Assembled)

Attach Captain's Scroll to Captains Scroll Trim as shown in Figure 22. (See Note A)

Step 2 (Factory Assembled)

Attach Captain's Scroll Trim and Top Trim to Spacer and Access Panel as shown in Figure 21. (See Note A)

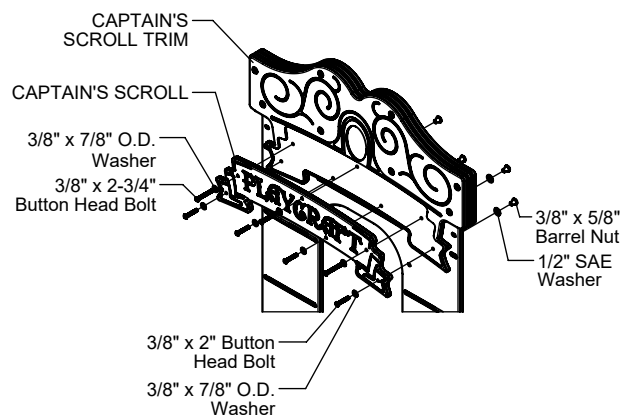


FIGURE 22

Step 4 (Factory Assembled)

Attach Captain's Deck Trim to Captain's Access Panel as shown in Figure 23. (See Note A)

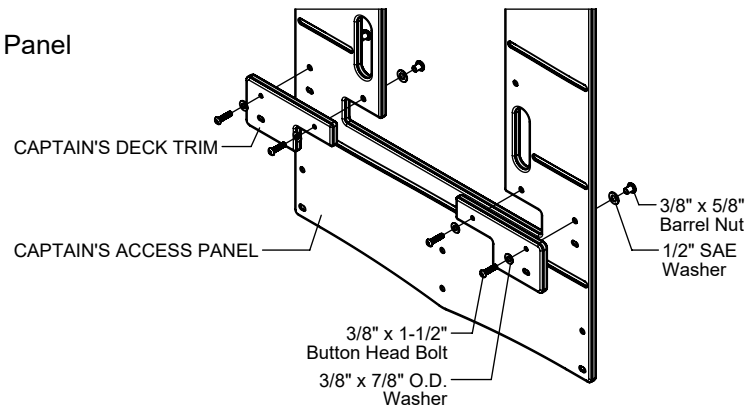


FIGURE 23

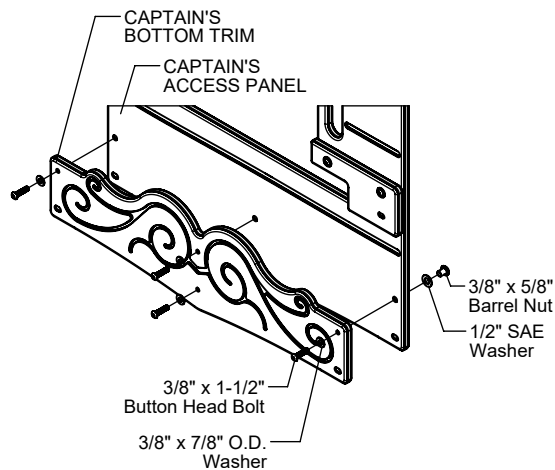


FIGURE 24

Step 5 (Factory Assembled)

Attach Captain's Bottom Trim to Captain's Access Panel as shown in Figure 24. (See Note A)

Step 6

Attach Captain's Access Panel to collars as shown in Figure 25. (See Notes A & B)

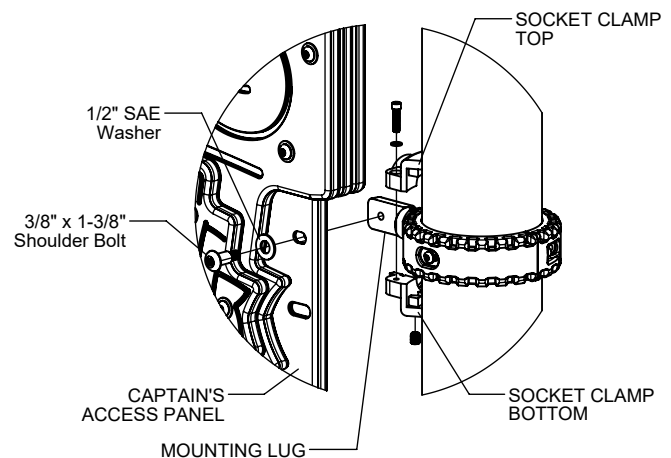


FIGURE 25

Step 7

Attach Captain's Access Panel to collars as shown in Figure 26. (See Notes A & B)

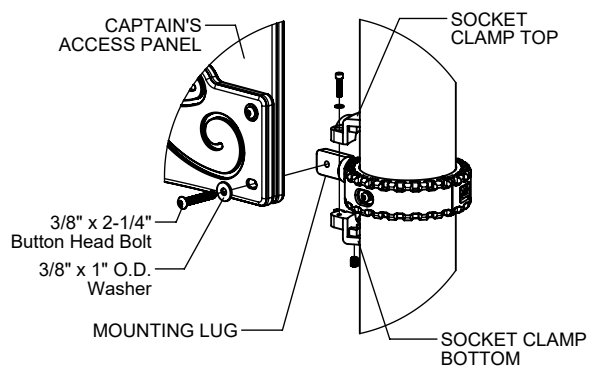


FIGURE 26

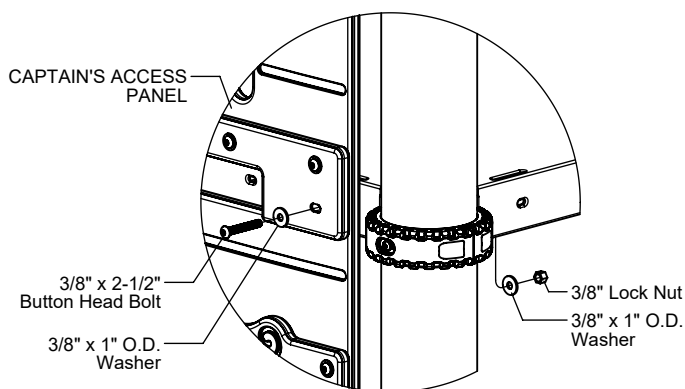


FIGURE 27

Step 8

Attach Captain's Access Panel to deck as shown in Figure 27. (See Note A)

Step 9

Attach Vertical Rock Climber Handles to Captain's Access Panel as shown in Figure 28. (See Note A)

Step 10

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

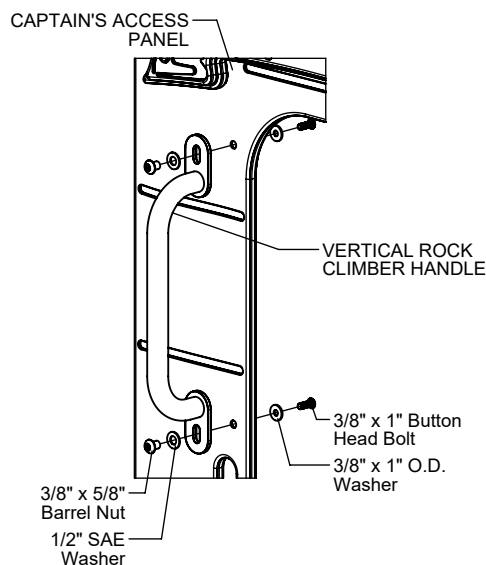


FIGURE 28

CAPTAIN'S BELOW DECK PANEL

Step 1

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

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

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

Elevation View

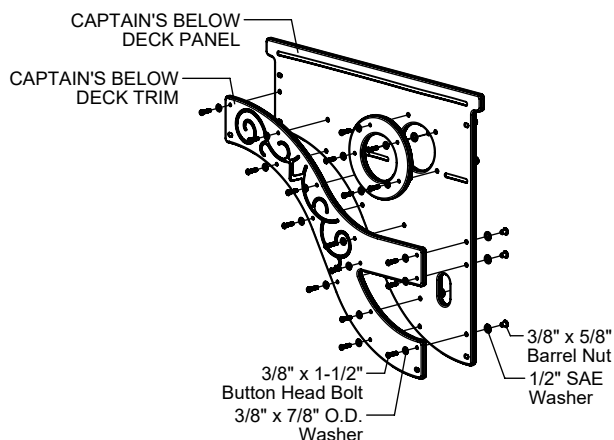
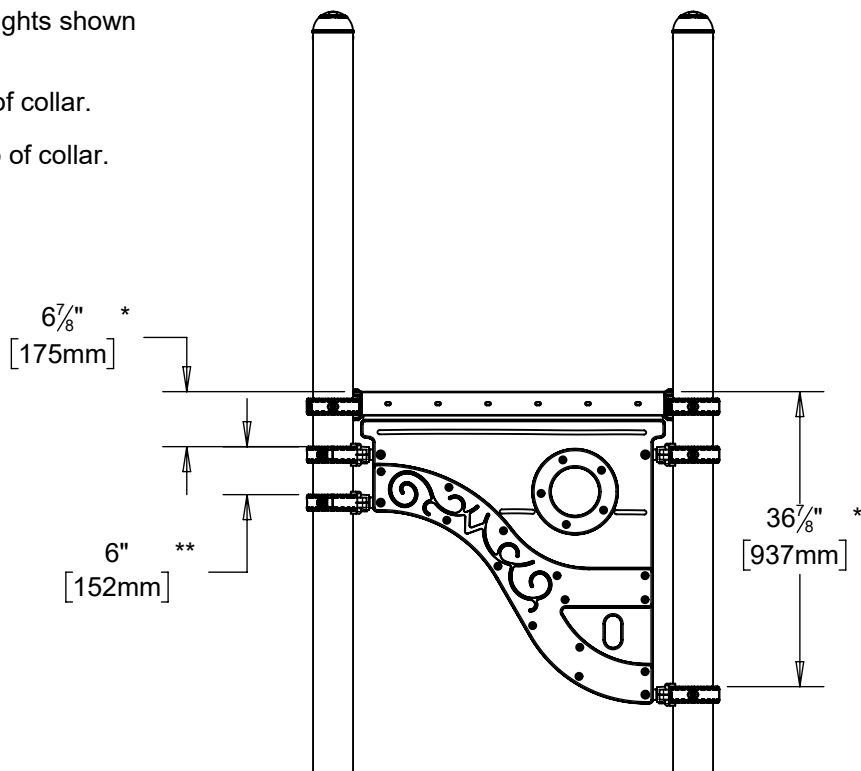


FIGURE 29

Step 3

Attach Captain's Below Deck Panel to collars as shown in Figure 30. (See Notes A & B)

Step 4

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

Step 2 (Factory Assembled)

Attach Captain's Below Deck Trim to Panel as shown in Figure 29. (See Note A)

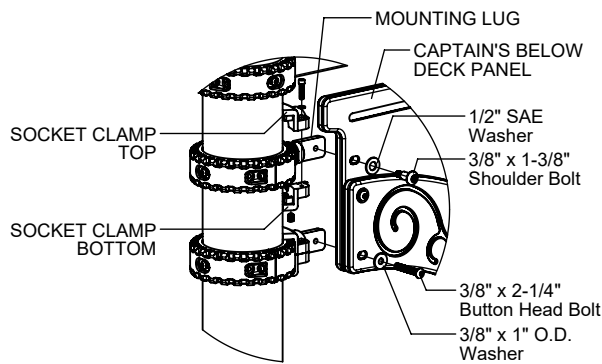


FIGURE 30

SHIP FILLER AND STEP PANELS

Step 1 (Factory Assembled)

Attach Wheel House Step Trim to Step Filler as shown in Figure 31. (See Note A)

NOTE: Ship Step Panel 24" shown. Other configurations may vary but does not affect assembly.

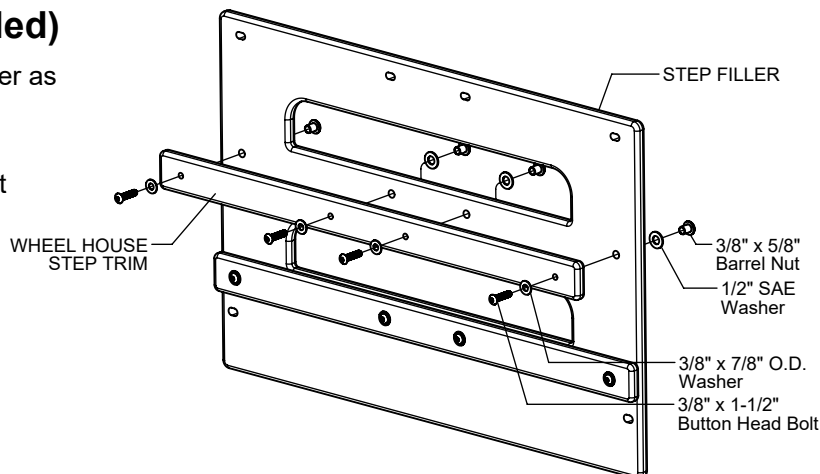


FIGURE 31

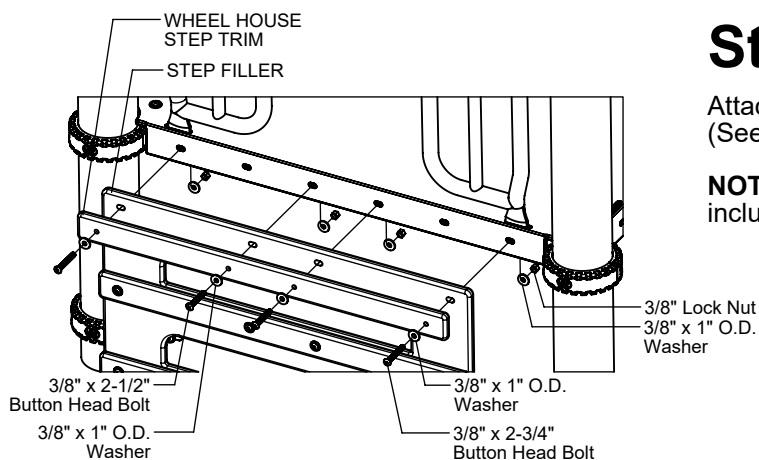


FIGURE 32

Step 2

Attach Step Filler to deck as shown in Figure 32. (See Note A)

NOTE: Use (2) 3/8 x 2-3/4" Button Head Bolts included with Step Filler.

Step 3

Attach Step Filler to collars as shown in Figure 33. (See Notes A & B)

NOTE: Use Step Filler to locate collars.

Step 4

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

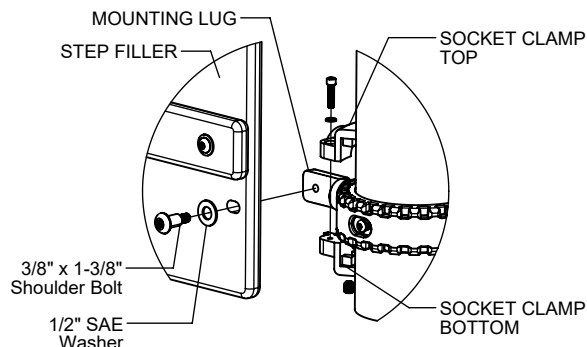


FIGURE 33

SHIP HALF WALL

Step 1

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

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

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

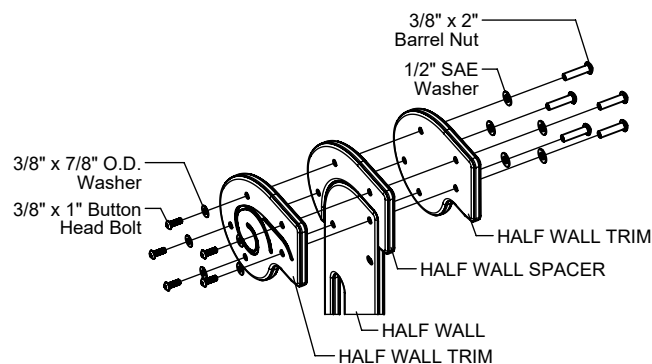
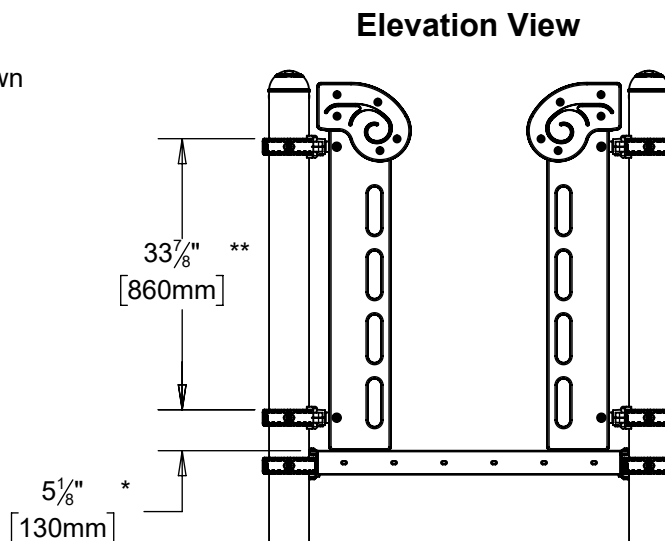


FIGURE 34

Step 3

Attach Half Walls to collars as shown in Figure 35. (See Notes A & B)

Step 4

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

Step 2 (Factory Assembled)

Attach Half Wall Trim to Half Wall and Spacer as shown in Figure 34. (See Note A)

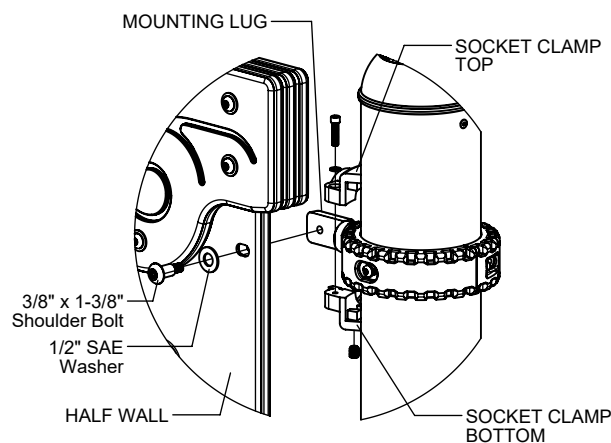


FIGURE 35

SHIP JIB

Step 1

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

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

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

Elevation View

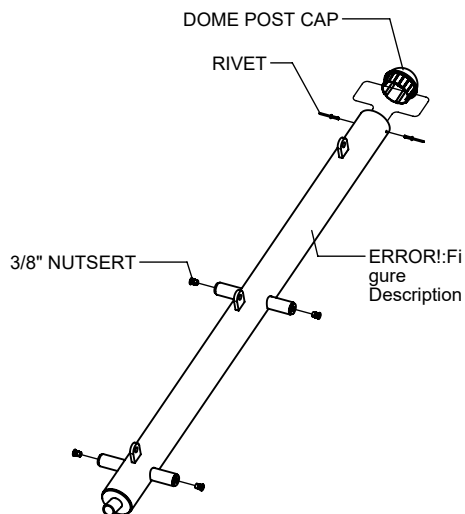
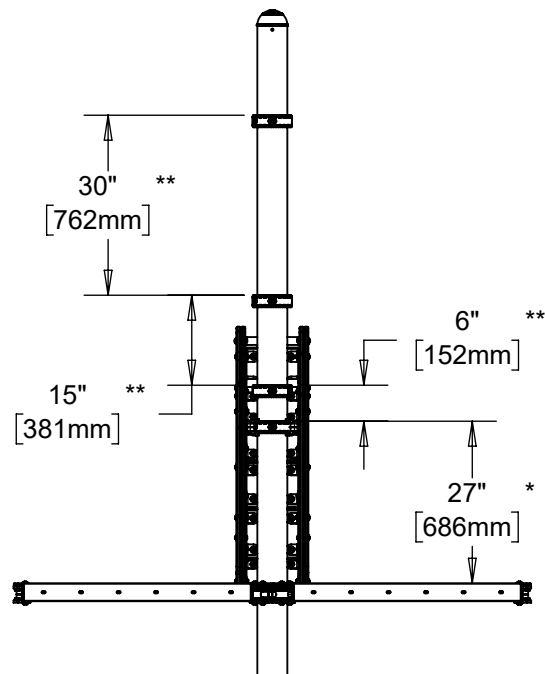


FIGURE 36

Step 2 (Factory Assembled)

Install Nutserts and attach Dome Post Cap to Jib Frame as shown in Figure 36.

Step 3 (Factory Assembled)

Attach Spring Rider Brackets to Gap Guards as shown in Figure 37. (See Note A)

NOTE: Top Gap Guard shown.

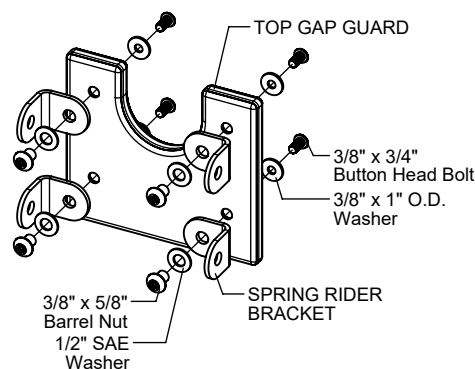


FIGURE 37

Step 4 (Factory Assembled)

Attach Jib Trim to Jib Panel as shown in Figure 38.
(See Note A)

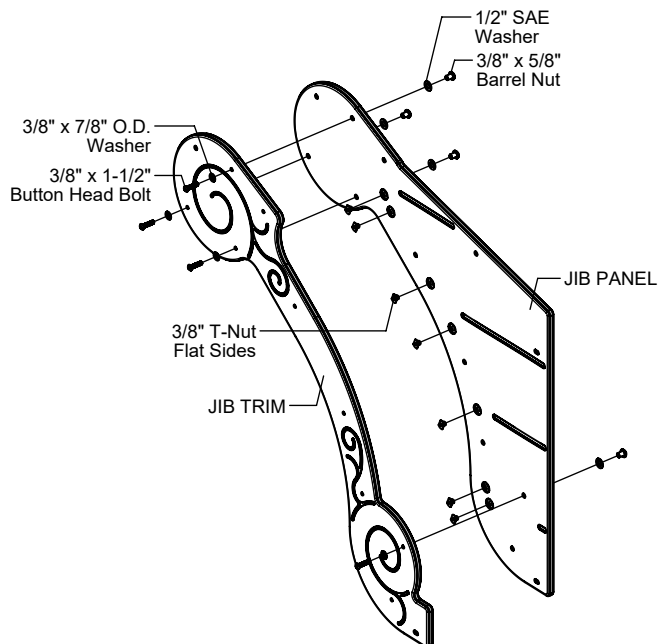


FIGURE 38

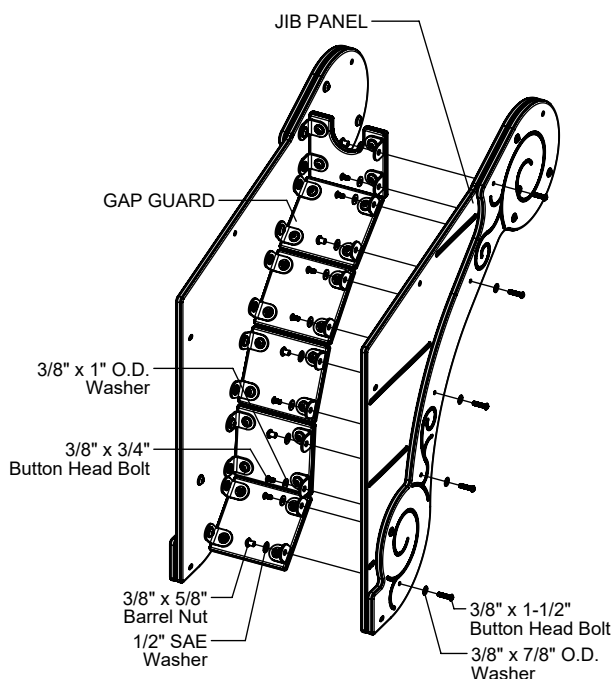


FIGURE 39

Step 5 (Factory Assembled)

Attach Gap Guards to Jib Panels as shown in Figure 39.
(See Note A)

Step 6

Attach Jib Panels to Jib Frame as shown in Figure 40.
(See Note A)

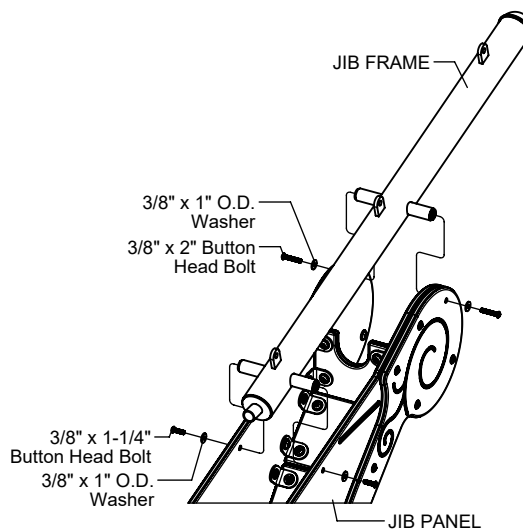


FIGURE 40

Step 7

Attach Jib Frame and Jib Panels to collars as shown in Figure 41. (See Notes A & B)

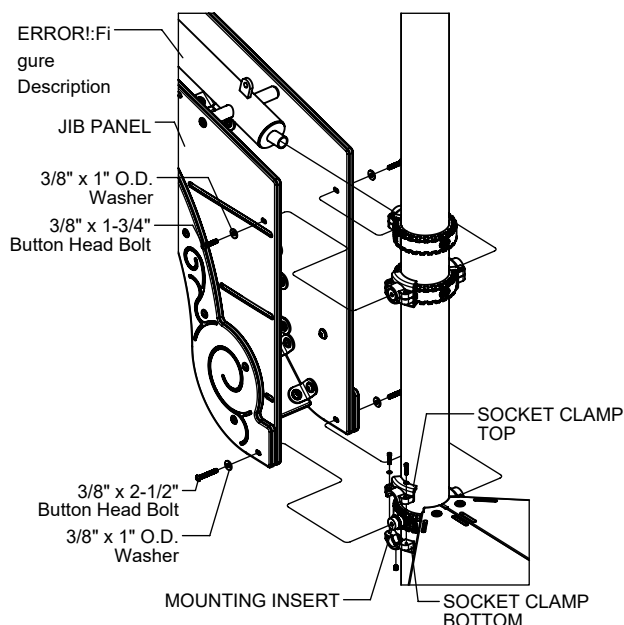


FIGURE 41

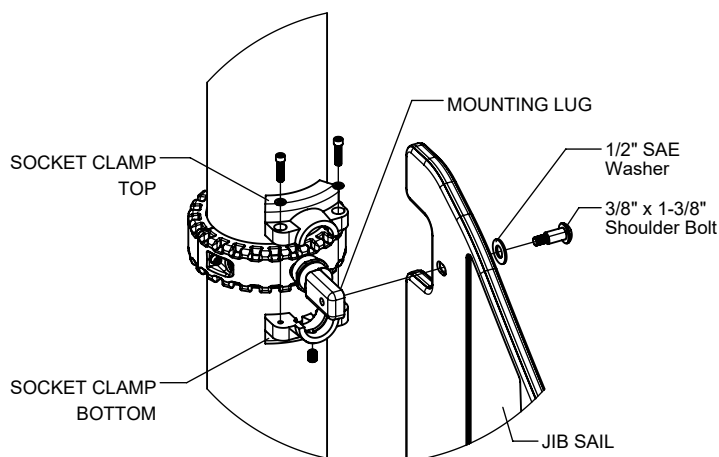


FIGURE 42

Step 8

Attach Jib Sail to collars as shown in Figure 42. (See Notes A & B)

Step 9

Attach Jib Sail to Frame as shown in Figure 43. (See Note A)

Step 10

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

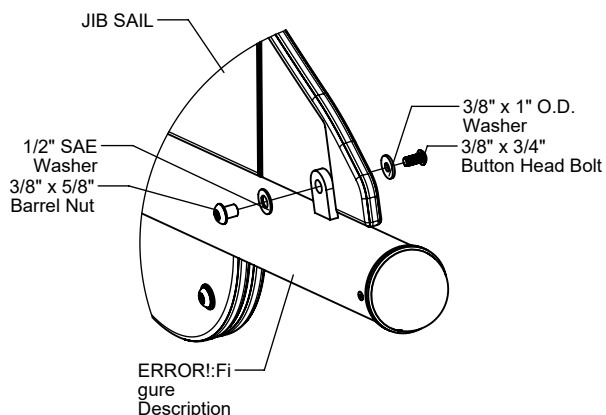


FIGURE 43

SHIP BOW ACCESS PANEL

Step 1

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

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

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

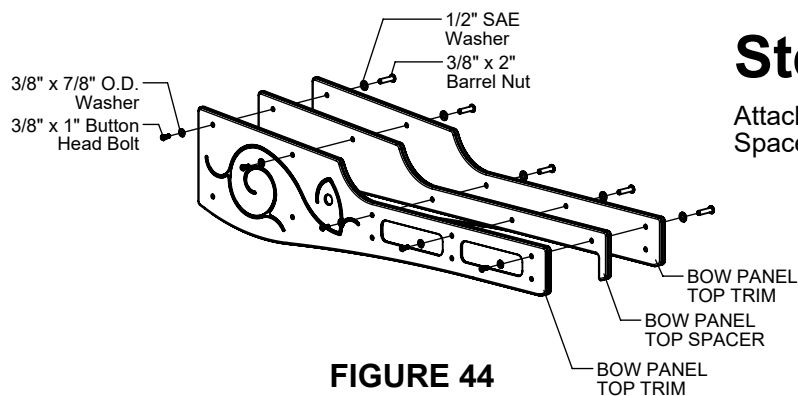
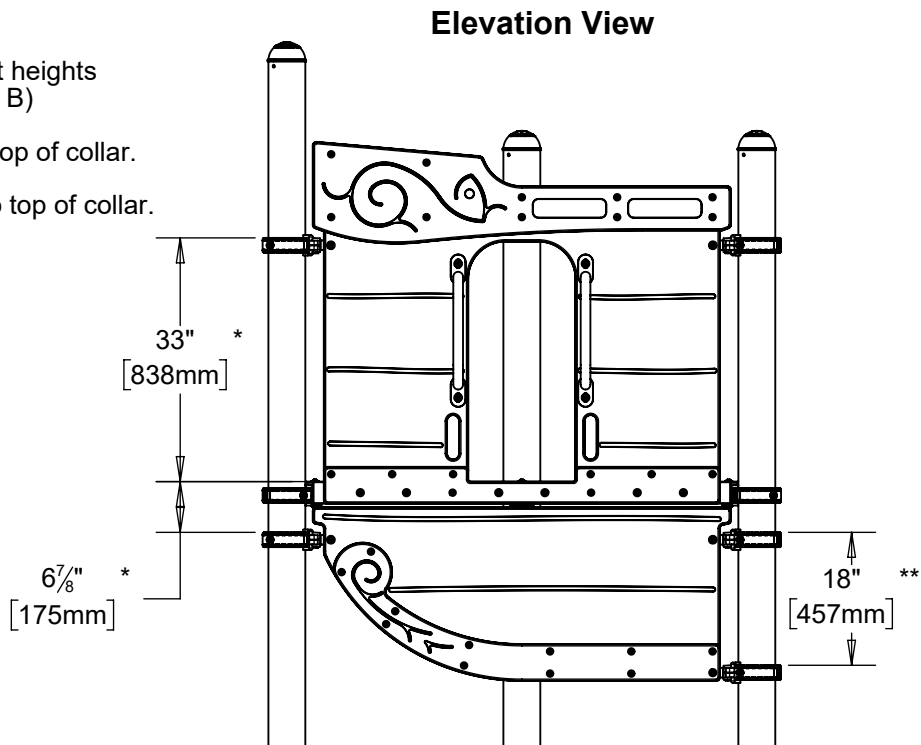


FIGURE 44

Step 2 (Factory Assembled)

Attach Bow Panel Top Trim to Bow Panel Top Spacer as shown in Figure 44. (See Note A)

Step 3 (Factory Assembled)

Attach Bow Access Trim to Bow Access Panel as shown in Figure 45. (See Note A)

NOTE: Do not use liquid thread lock (such as locktite®) on the 3/8" x 1-3/4" Button Head Bolts and 3/8" T-Nuts in this step.

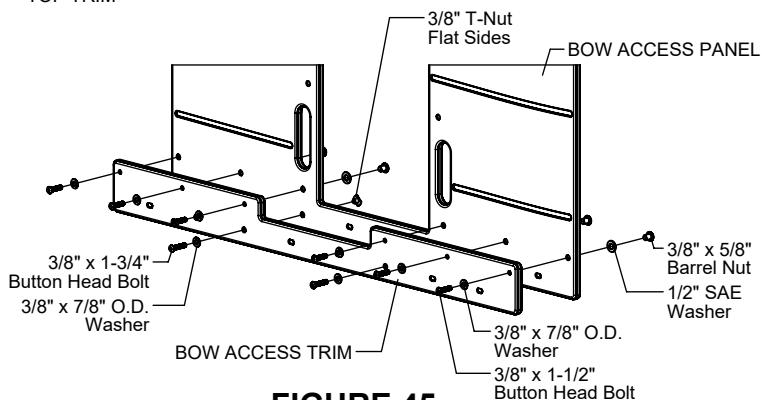


FIGURE 45

Step 4 (Factory Assembled)

Attach Bow Bottom Trim to Bow Bottom Panel as shown in Figure 46. (See Note A)

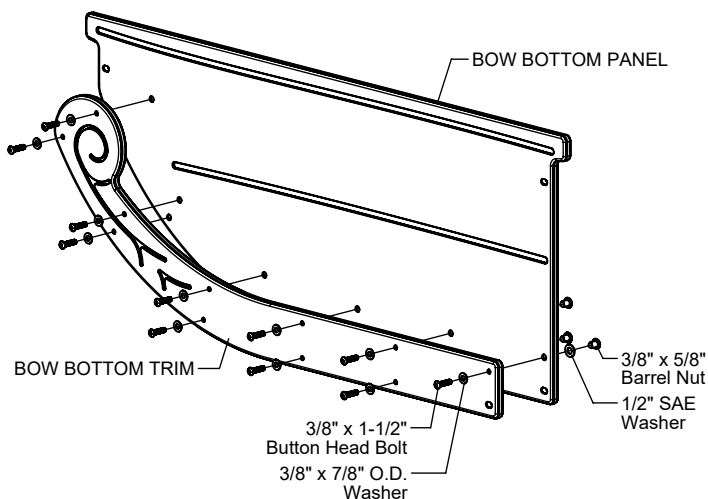


FIGURE 46

Step 5

Attach Bow Panel Trim to Bow Access Panel as shown in Figure 47. (See Notes A & D)

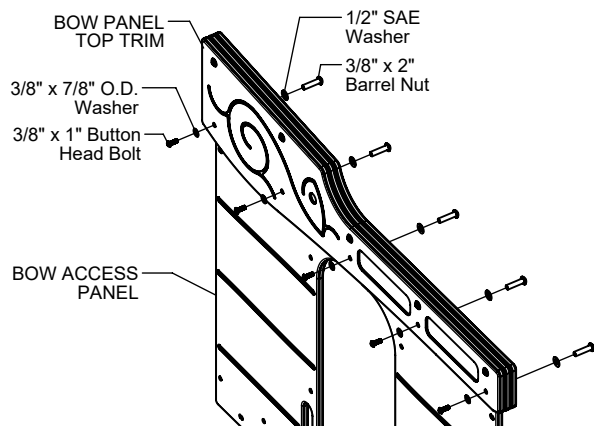


FIGURE 47

Step 6

Attach Bow Access Panel to collars as shown in Figure 48. (See Notes A & B)

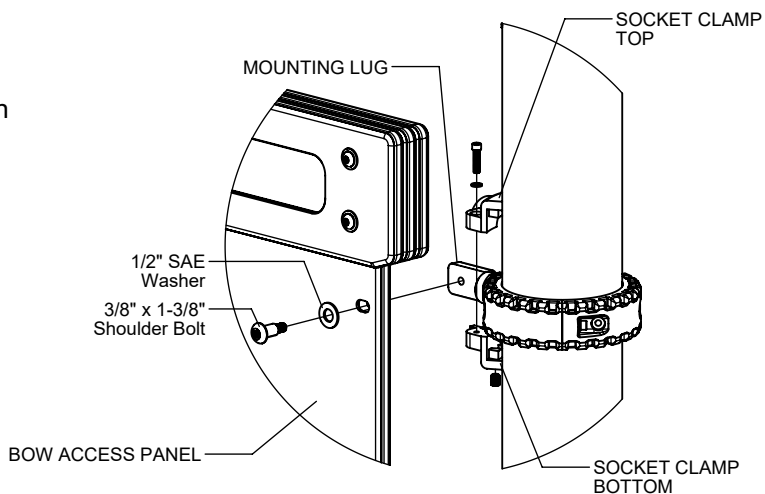


FIGURE 48

Step 7

Attach Bow Access Trim and event to Bow Access Panel as shown in Figure 49. (See Note A)

NOTE: Use hardware included with Bow Access Panel. Remove (2) 3/8" x 1-3/4" Button Head Bolts before mounting event. Cargo Net Climber event mounting shown. (See Note B)

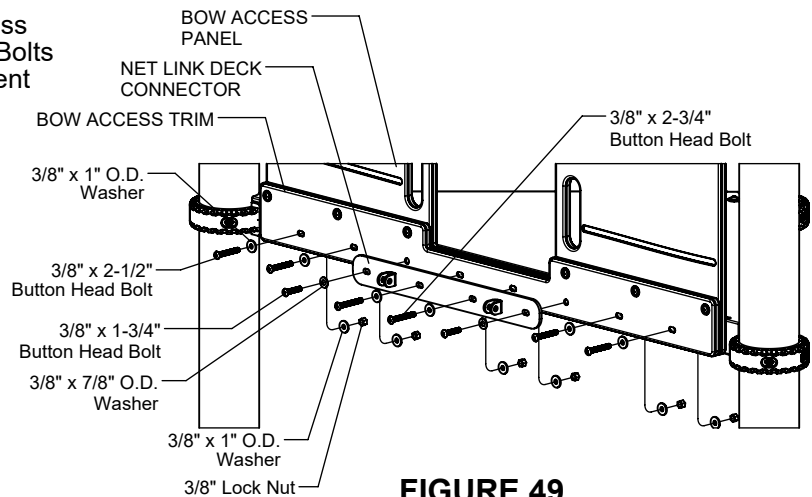


FIGURE 49

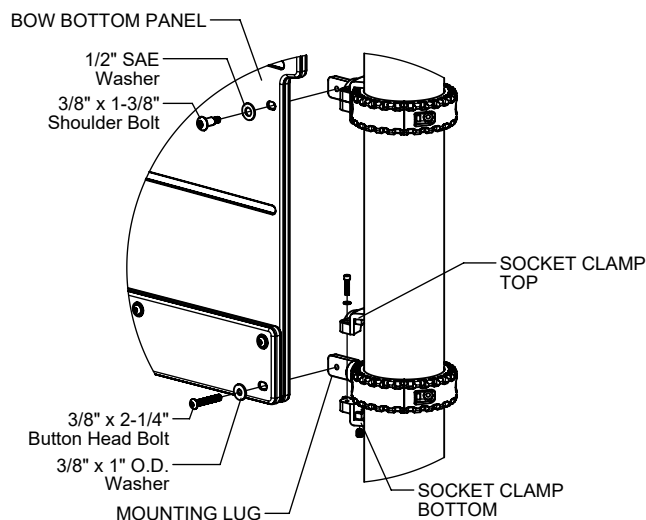


FIGURE 50

Step 8

Attach Bow Bottom Panel to collars as shown in Figure 50. (See Notes A & B)

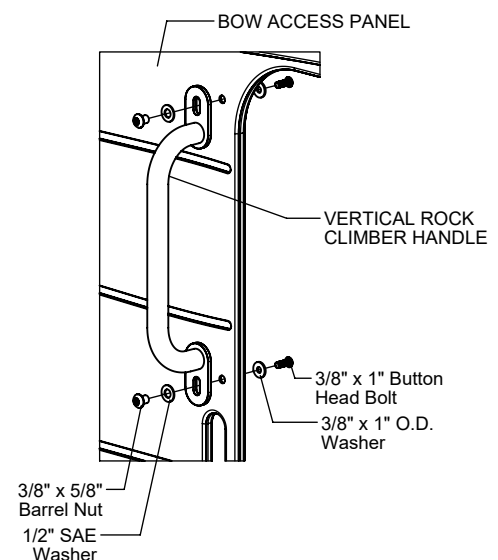


FIGURE 51

Step 9

Attach Vertical Rock Climber Handles to Bow Access Panel as shown in Figure 51. (See Note A)

Step 10

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

SHIP BOW PANELS

Step 1

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

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

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

Elevation View

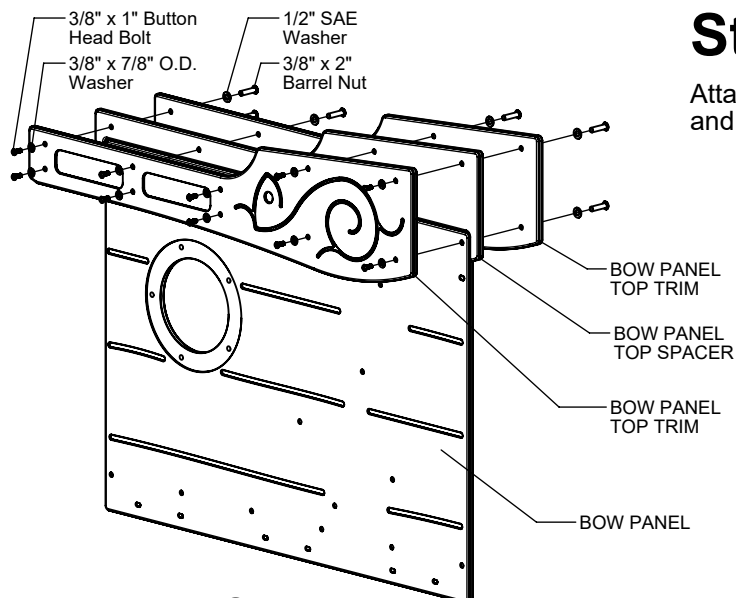
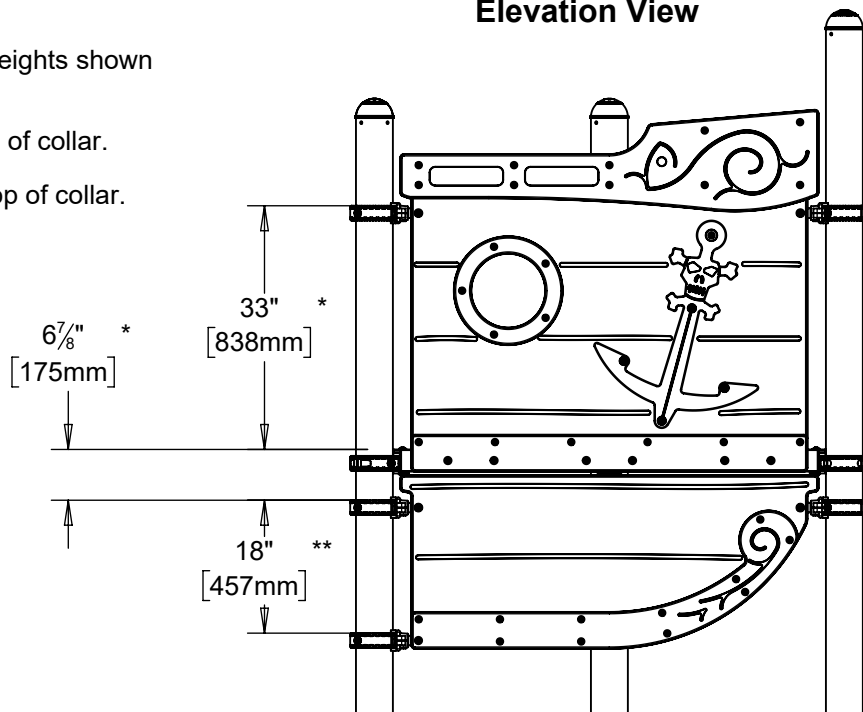


FIGURE 52

Step 2 (Factory Assembled)

Attach Bow Panel Top Trim to Bow Panel Top Spacer and Bow Panel as shown in Figure 52. (See Note A)

Step 3 (Factory Assembled)

Attach Porthole Trim and Porthole Pane to Bow Panel as shown in Figure 53. (See Note A)

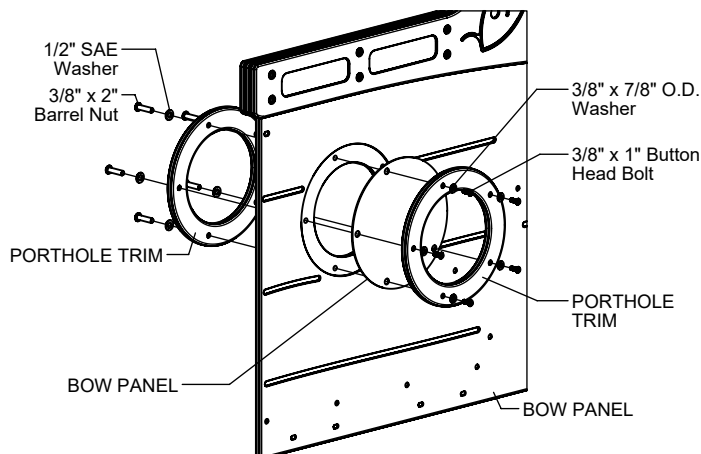


FIGURE 53

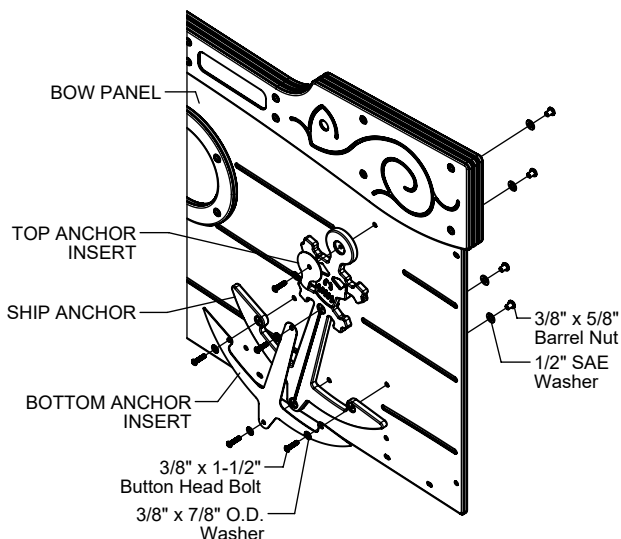


FIGURE 54

Step 4 (Factory Assembled)

Attach Anchor Inserts and Ship Anchor to Bow Panel as shown in Figure 54. (See Note A)

Step 5 (Factory Assembled)

Attach Ship Bow Trim to Bow Panel as shown in Figure 55. (See Note A)

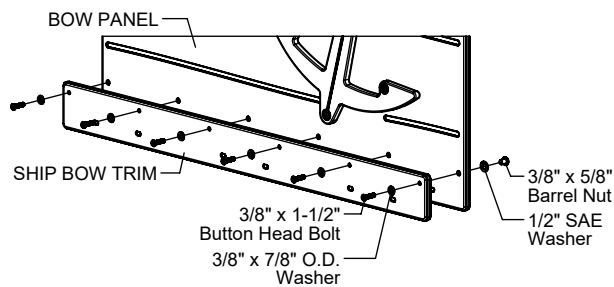


FIGURE 55

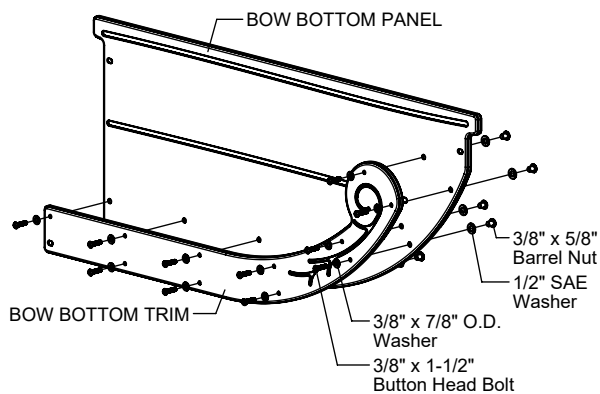


FIGURE 56

Step 6 (Factory Assembled)

Attach Bow Bottom Trim to Bow Panel as shown in Figure 56. (See Note A)

Step 7

Attach Bow Panel to collars as shown in Figure 57.
(See Note A)

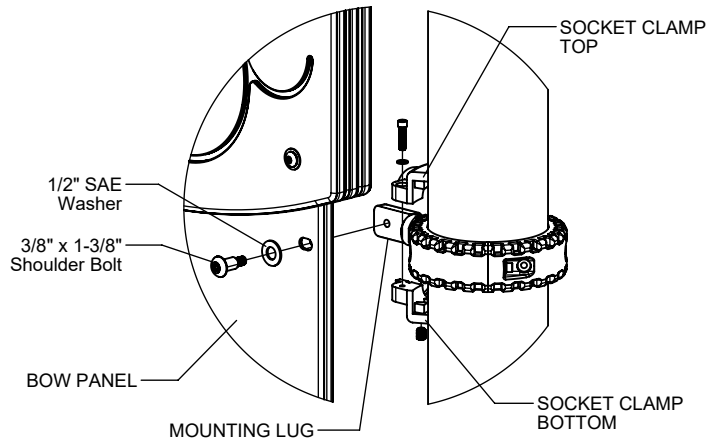


FIGURE 57

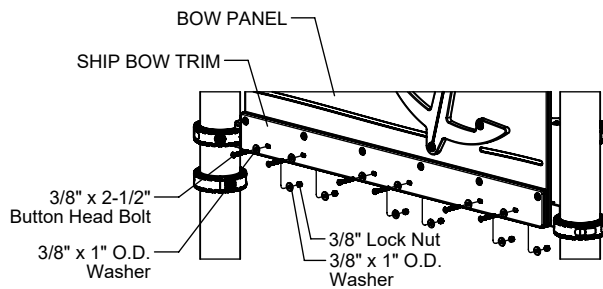


FIGURE 58

Step 8

Attach Ship Bow Trim to Bow Panel as shown in Figure 58. (See Note A)

Step 9

Attach Bow Bottom Panel to collars as shown in Figure 59. (See Notes A & B)

Step 10

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

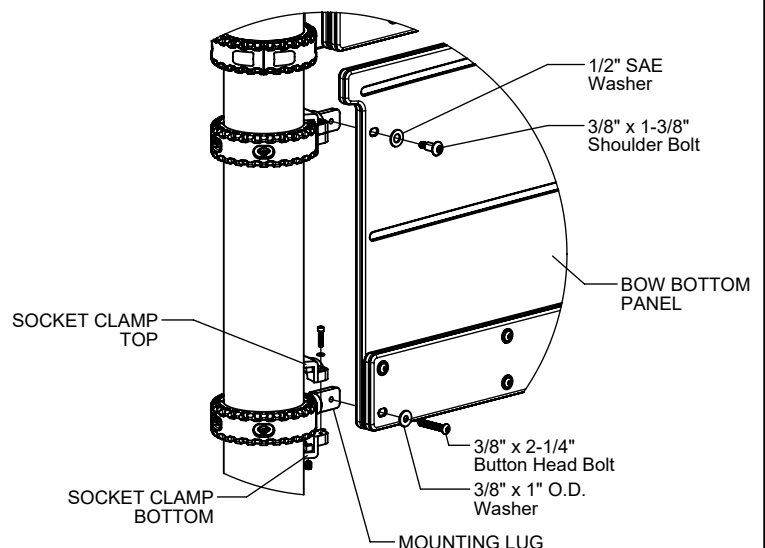


FIGURE 59

TWISTER ENTRY PANEL

Step 1 (Factory Assembled)

Attach Ship Panel Top Trim to Ship Panel Top Spacer as shown in Figure 60. (See Note A)

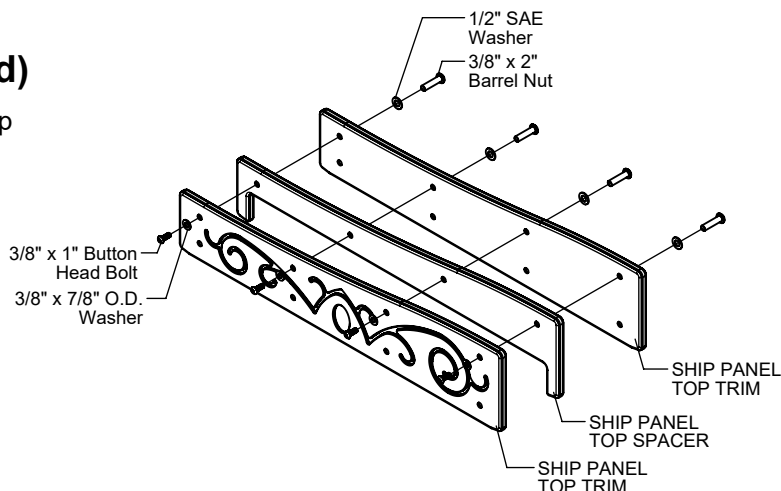


FIGURE 60

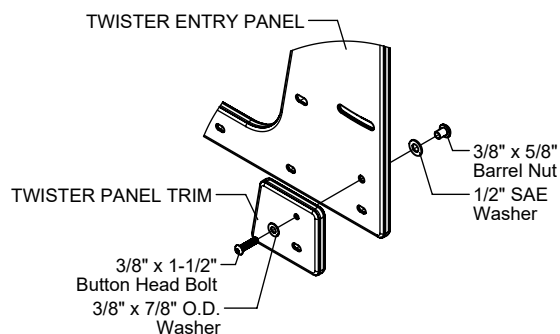


FIGURE 61

Step 2 (Factory Assembled)

Attach Twister Panel Trim to Twister Entry Panel as shown in Figure 61. (See Note A)

Step 3

Attach Ship Panel Top Trim to Twister Entry Panel as shown in Figure 62. (See Notes A & D)

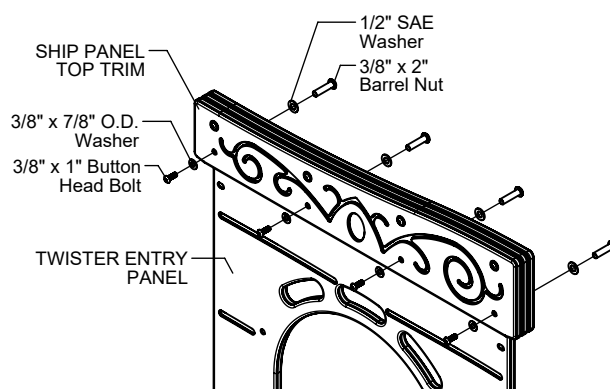


FIGURE 62

Step 4

Attach Twister Entry Panel to collars as shown in Figure 63. (See Notes A & B)

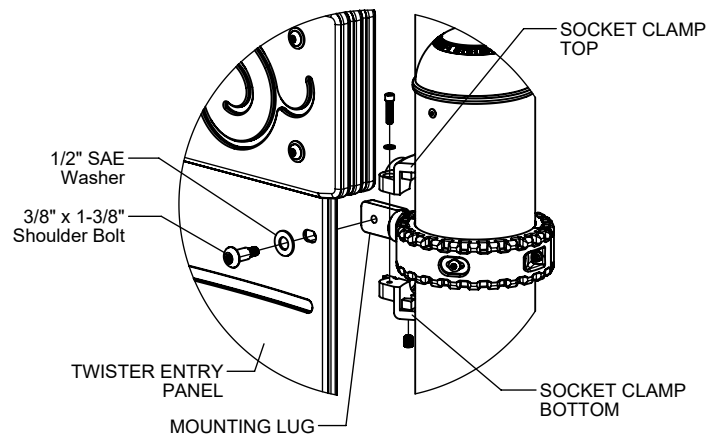


FIGURE 63

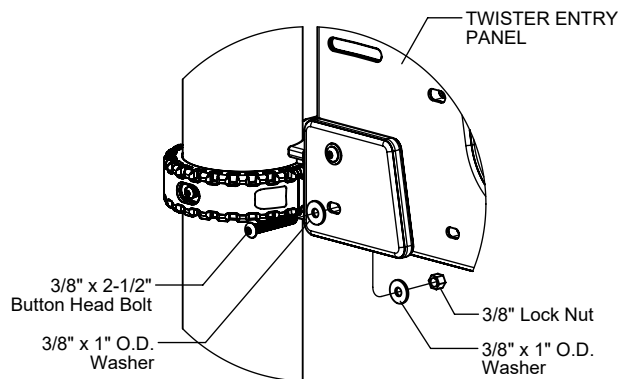


FIGURE 64

Step 5

Attach Twister Entry Panel to deck as shown in Figure 64. (See Note A)

Step 6

Attach Side Guards to Twister Entry Panel as shown in Figure 65. (See Note A)

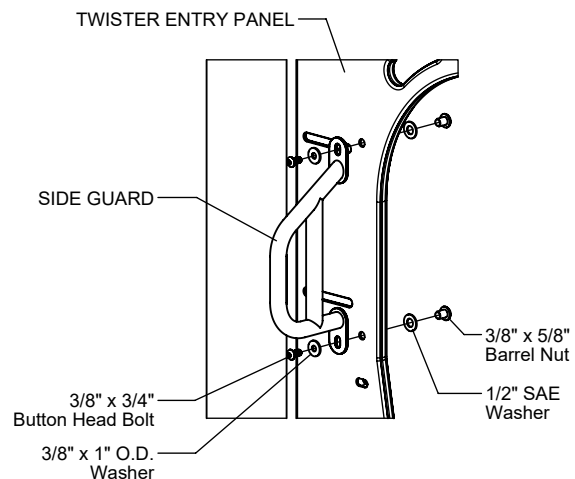


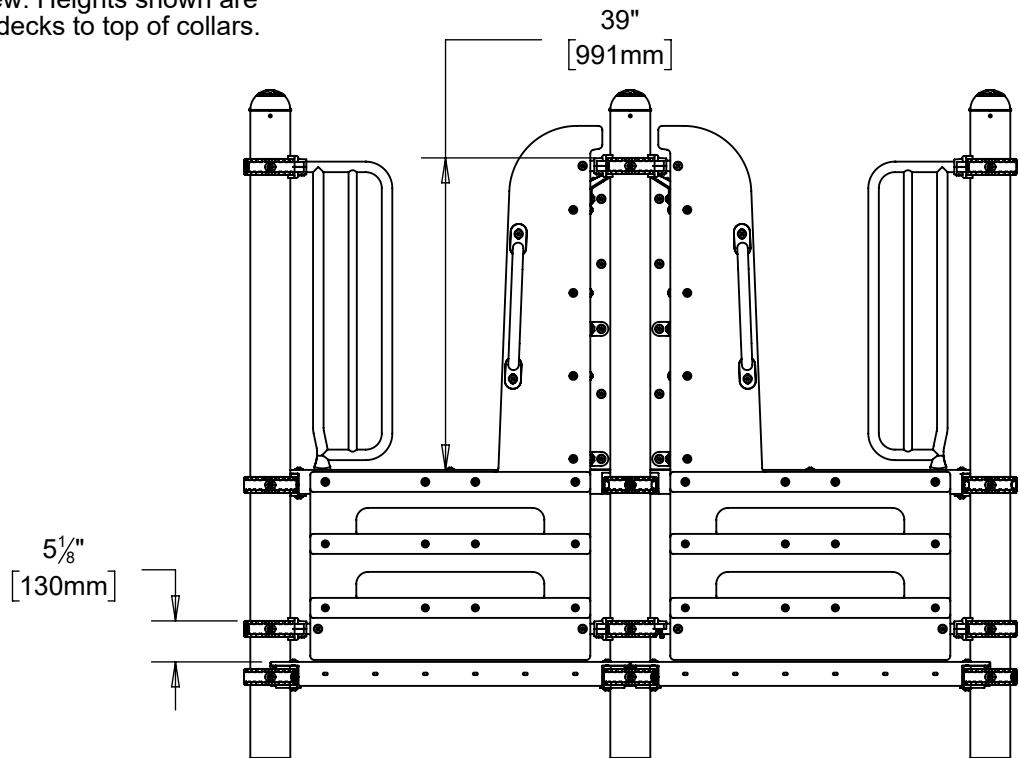
FIGURE 65

SHIP WHEELHOUSE

Step 1

Locate and attach collars to posts at heights shown in Elevation View. Heights shown are measured from top of decks to top of collars. (See Note B)

Elevation View



Step 2 (Factory Assembled)

Insert Bearings into Wheel Hub as shown in Figure 66.

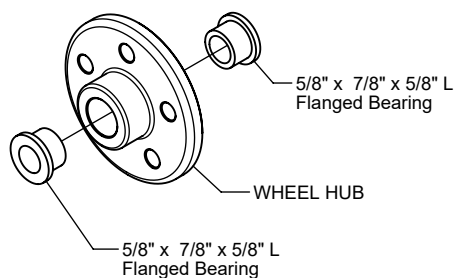


FIGURE 66

Step 3 (Factory Assembled)

Attach Wheelhouse Trim to Wheelhouse Front as shown in Figure 67. (See Note A)

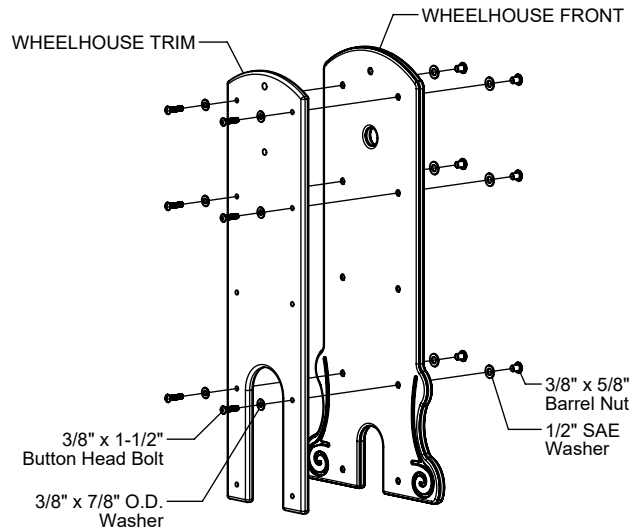


FIGURE 67

Step 4 (Factory Assembled)

Attach Wheelhouse Step Trim to Step Panel as shown in Figure 68. (See Note A)

NOTE: Right Step Panel shown.

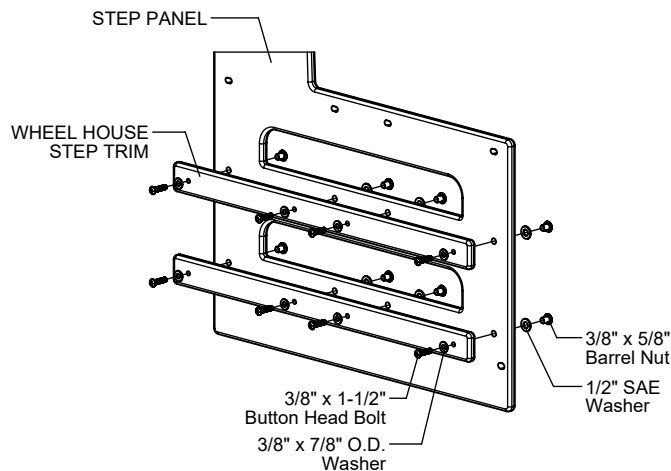


FIGURE 68

Step 5 (Factory Assembled)

Attach Wheel Insert to Wheel Base as shown in Figure 69.

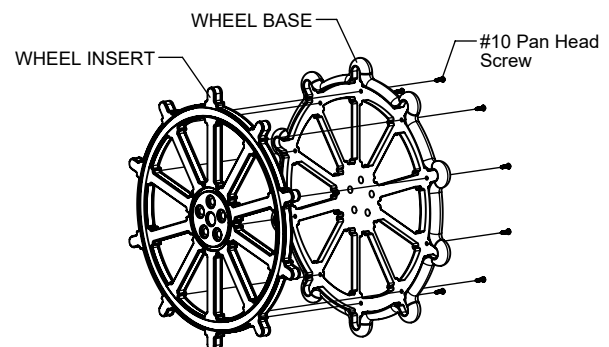


FIGURE 69

Step 6

Attach Step Panels to collars as shown in Figure 70.
(See Notes A & B)

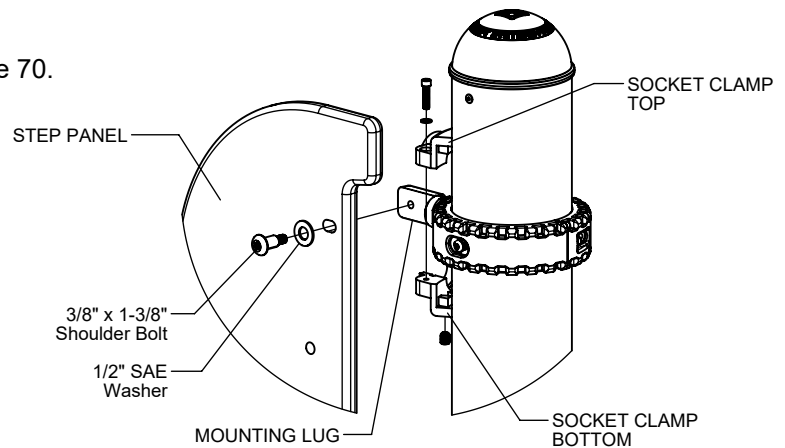


FIGURE 70

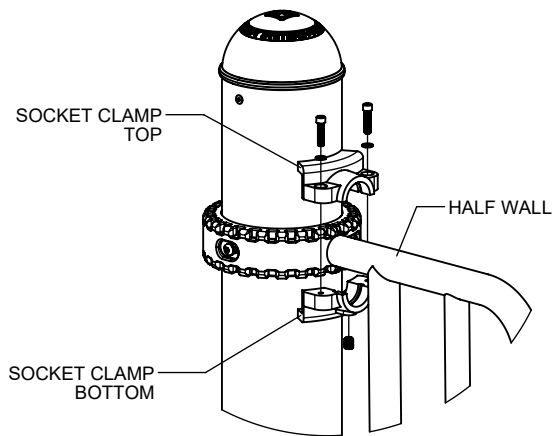


FIGURE 71

Step 7

Insert Half Walls into deck and attach to collars as shown in Figure 71. (See Notes A & B)

Step 8

Attach Wheelhouse Step Trim to Step Panel as shown in Figure 72. (See Note A)

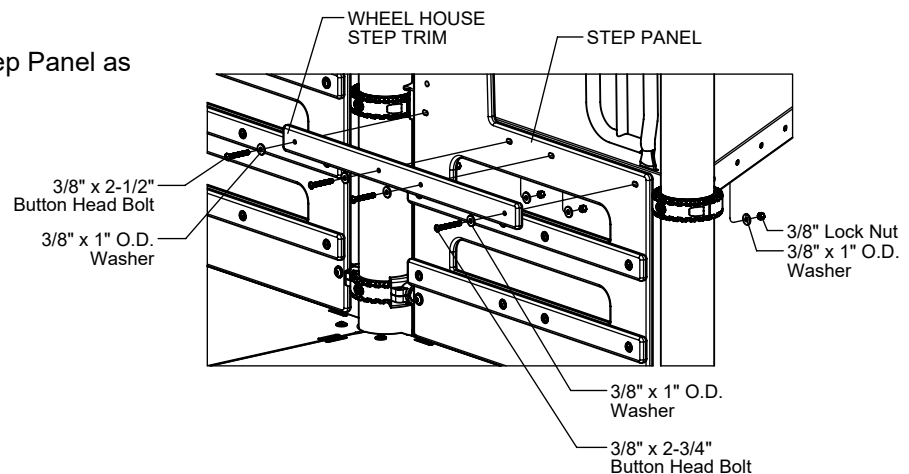


FIGURE 72

Step 9

Attach Spring Rider Brackets to Wheelhouse Front as shown in Figure 73. (See Note A)

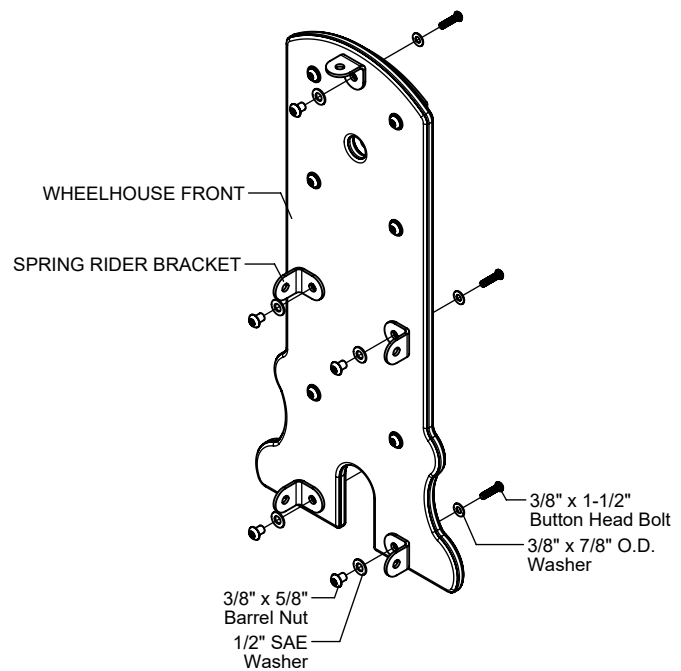


FIGURE 73

Step 10

Attach Spring Rider Brackets to Wheelhouse Side Panels as shown in Figure 74. (See Note A)

NOTE: Right Side Panel shown.

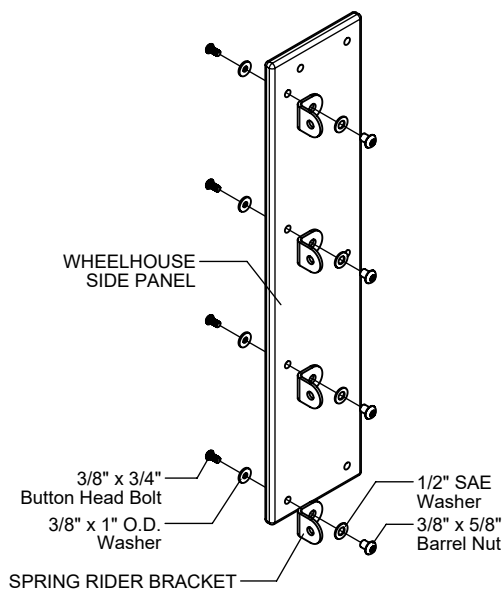


FIGURE 74

Step 11

Attach Wheelhouse Side Panels to Wheelhouse Front as shown in Figure 75. (See Note A)

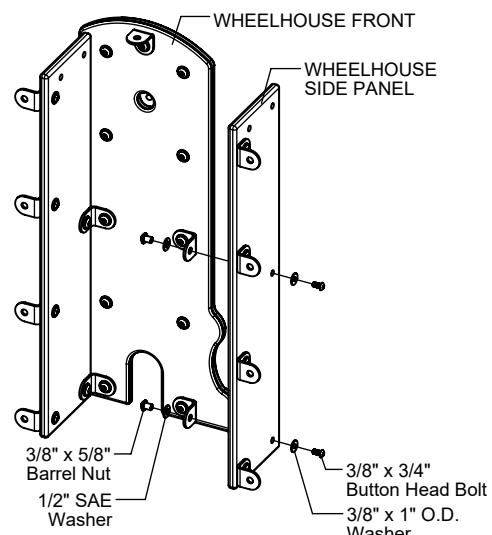


FIGURE 75

Step 12

Attach Wheel Base to Wheelhouse Front as shown in Figure 76. (See Note A)

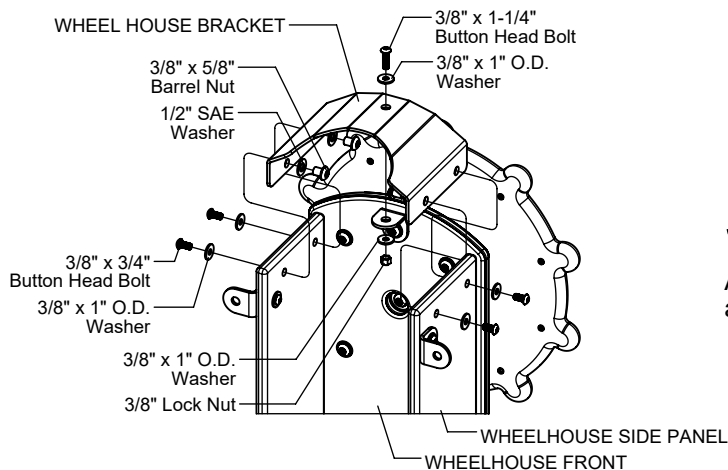


FIGURE 77

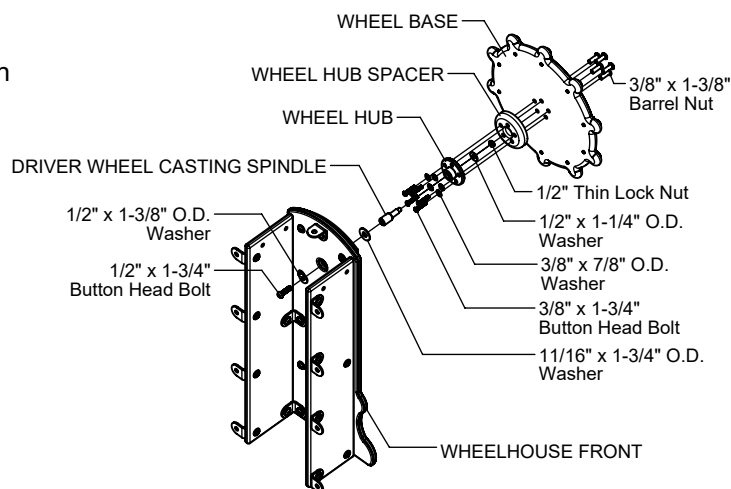


FIGURE 76

Step 13

Attach Wheelhouse Bracket to Wheelhouse Panels as shown in Figure 77. (See Note A)

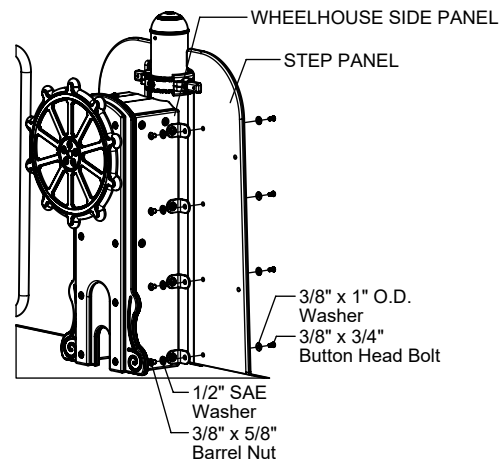


FIGURE 78

Step 14

Attach Wheelhouse Side Panels to Step Panel as shown in Figure 78. (See Note A)

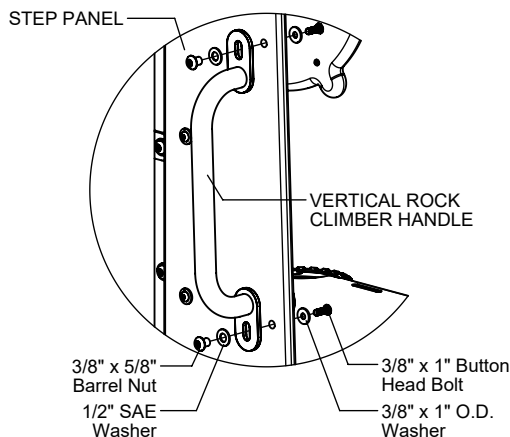


FIGURE 79

Step 15

Attach Vertical Rock Climber Handles to Step Panels as shown in Figure 79. (See Note A)

Step 16

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

ABOVE DOCK PANELS

Step 1

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

NOTE: Dock Access Panel shown.

Elevation View

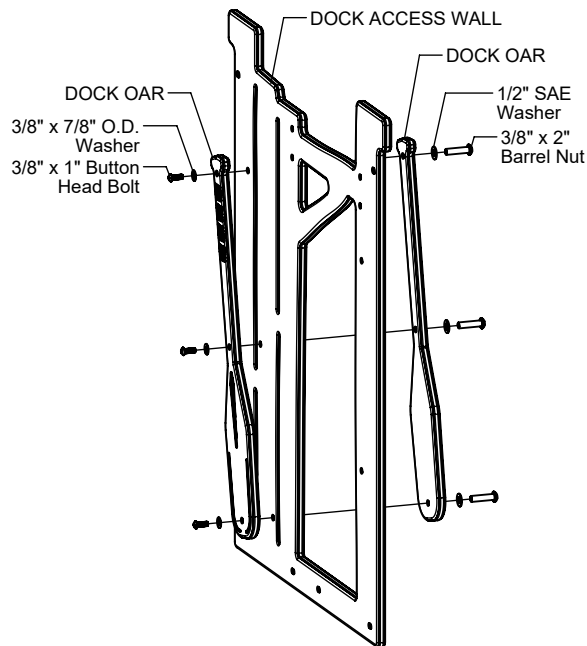
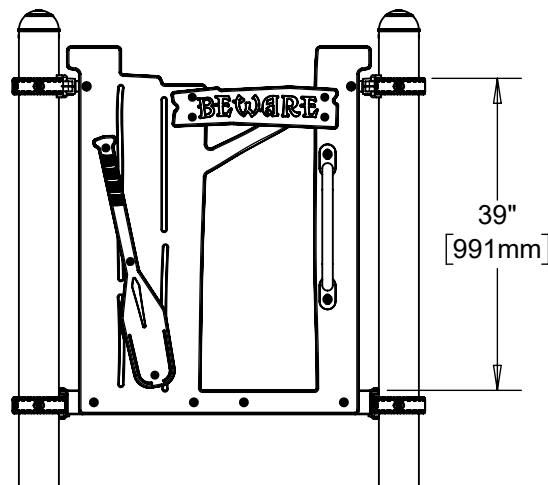


FIGURE 80

Step 2 (Factory Assembled) For Access Panel Only

Attach Dock Oars to Dock Access Wall as shown in Figure 80. (See Note A)

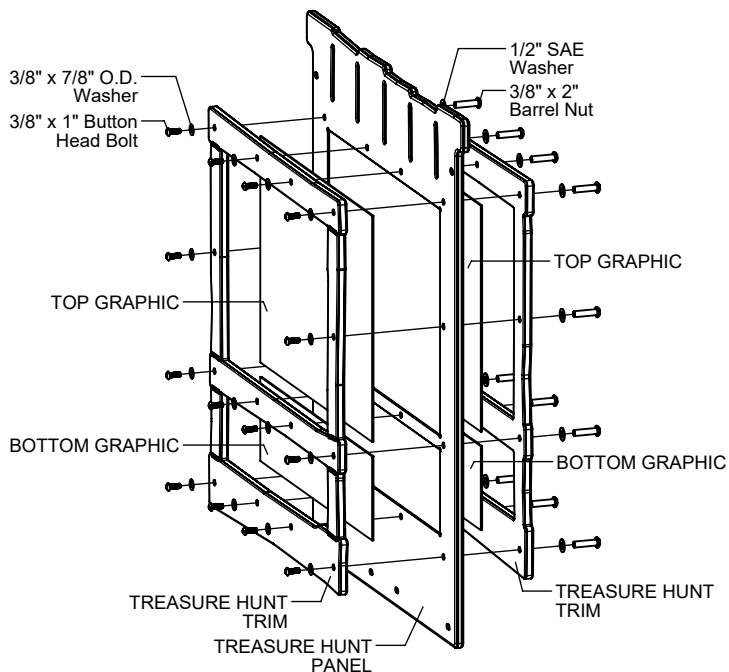


FIGURE 81

Step 3 (Factory Assembled) For Treasure Hunt Panel Only

Attach Graphic Panels and Treasure Hunt Trim to Treasure Hunt Panel as shown in Figure 81. (See Note A)

Step 4

Attach Dock Panel to collars as shown in Figure 82.
 (See Notes A & B)

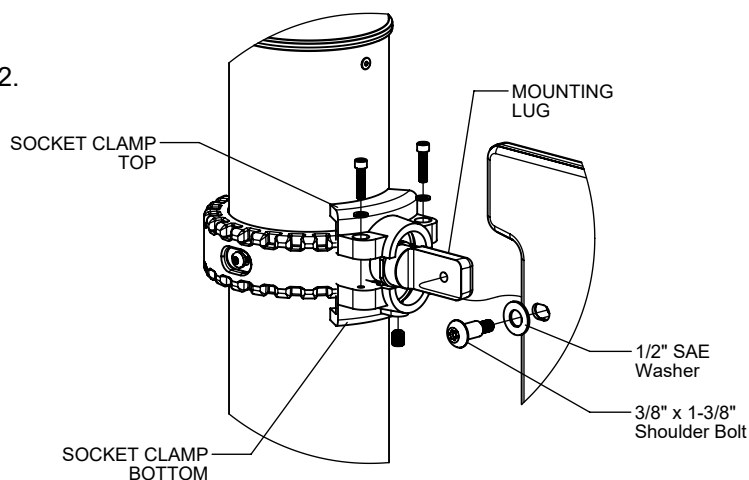


FIGURE 82

Step 5

Attach Dock Panel to deck as shown in Figure 83.
 (See Note A)

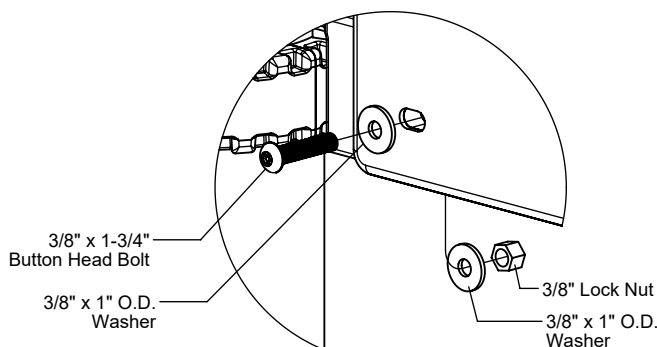


FIGURE 83

Step 6

For Access Panel Only

Attach Vertical Rock Climber Handle and Plaque to Dock Access Wall as shown in Figure 84.
 (See Notes A & D)

Step 7

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

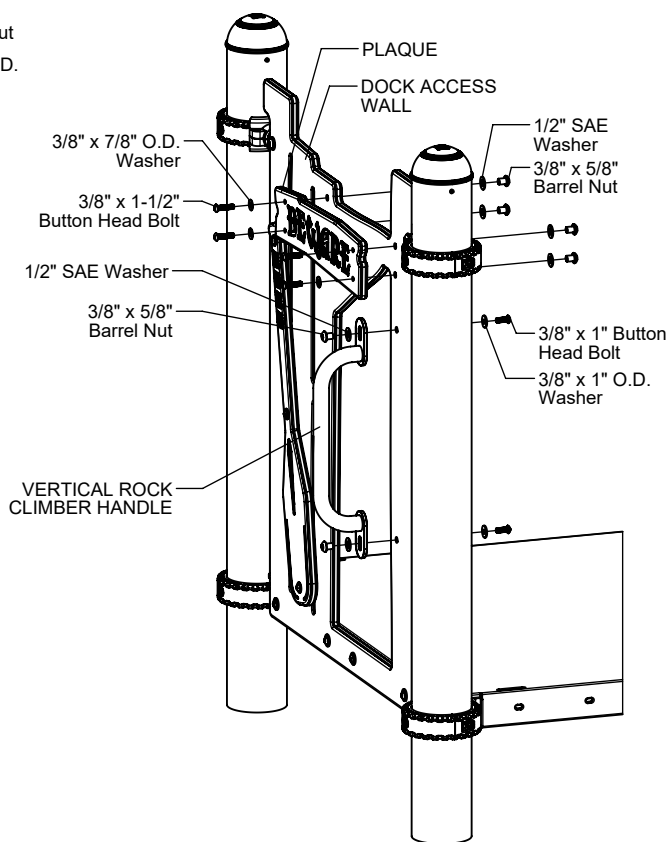


FIGURE 84

STONE DOCK PANEL

Step 1

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

* Height shown from finish grade to top of collar.

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

Elevation View

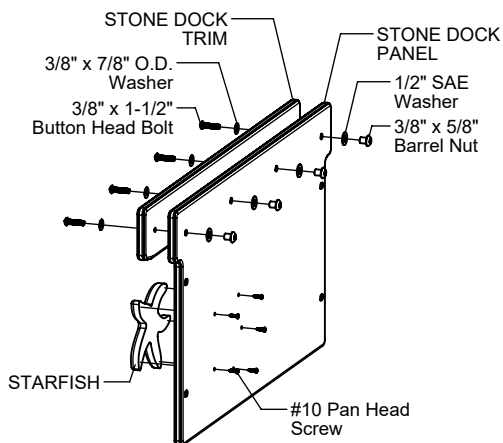
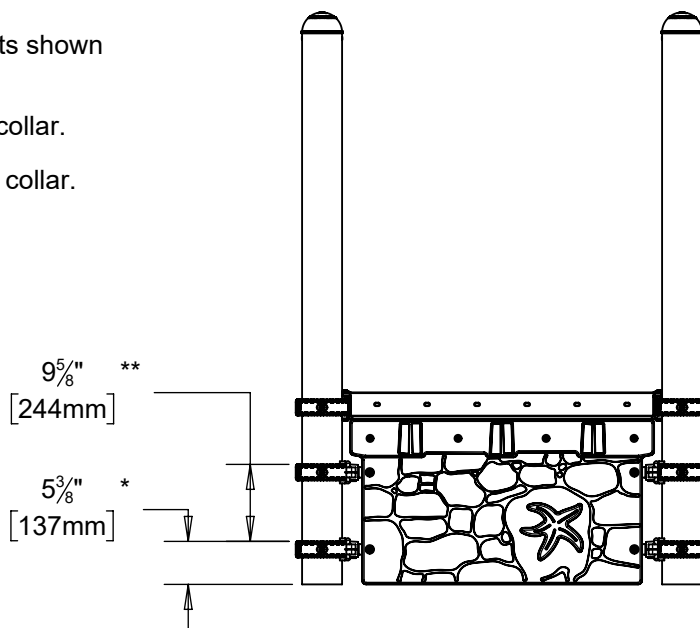


FIGURE 85

Step 3

Attach Stone Dock Panel to collars as shown in Figure 86. (See Notes A & B)

Step 4

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

Step 2 (Factory Assembled)

Attach Stone Dock Trim to Stone Dock Panel as shown in Figure 85. (See Note A)

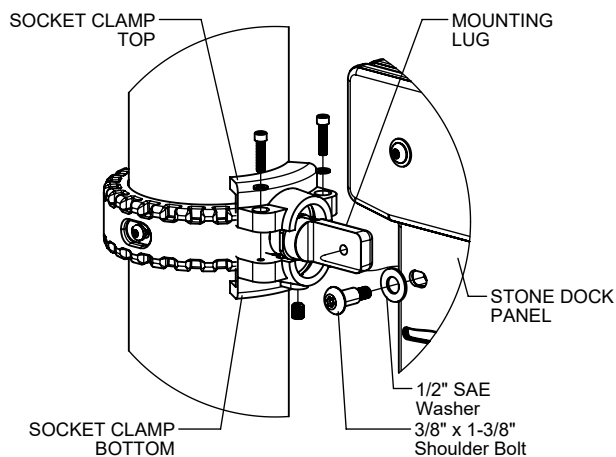


FIGURE 86

TREASURE CHEST PANEL

Step 1

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

* Height shown from finish grade to top of collar.

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

Elevation View

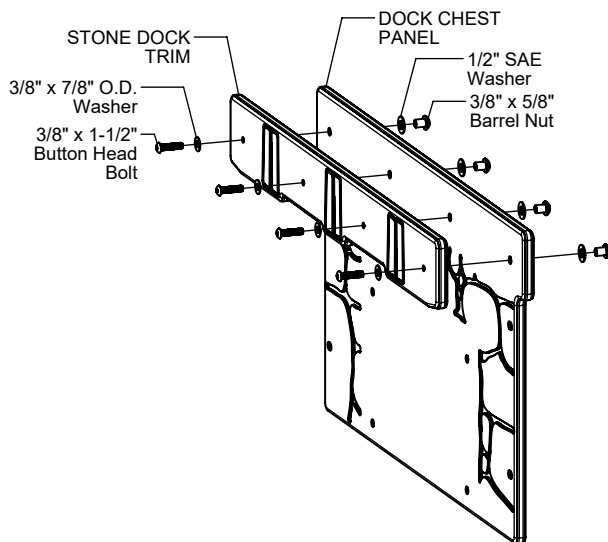
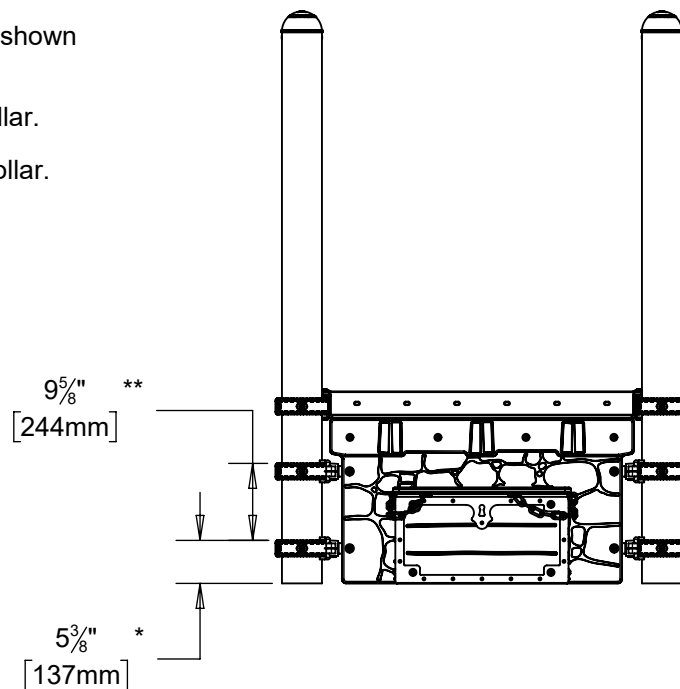


FIGURE 87

Step 3 (Factory Assembled)

Attach Front Plate and Brackets to Treasure Chest Front as shown in Figure 88. (See Note A)

Step 2 (Factory Assembled)

Attach Stone Dock Trim to Stone Dock Panel as shown in Figure 87. (See Note A)

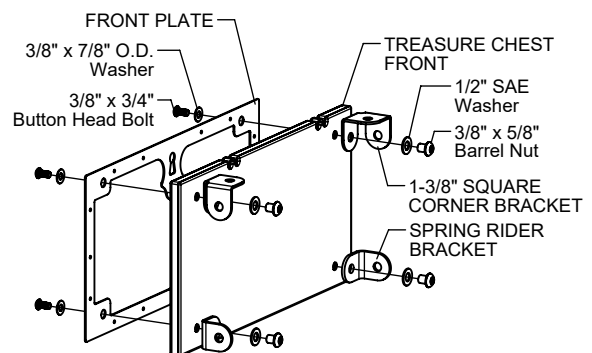


FIGURE 88

Step 4 (Factory Assembled)

Attach Side Plate and Brackets to Treasure Chest Side as shown in Figure 89. (See Note A)

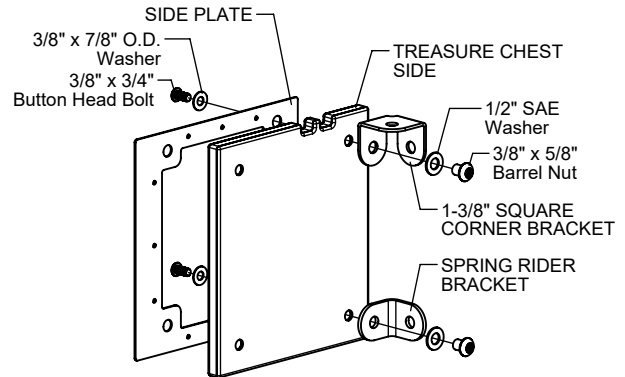


FIGURE 89

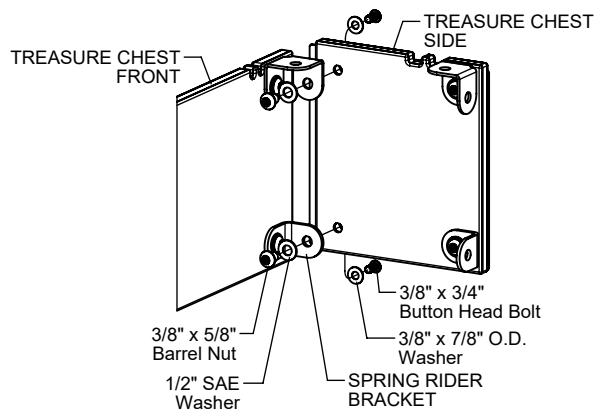


FIGURE 90

Step 5 (Factory Assembled)

Attach Treasure Chest Sides to Treasure Chest Front as shown in Figure 90. (See Note A)

Step 6 (Factory Assembled)

Secure Chains and attach Treasure Chest Top and Top Plate to Treasure Chest Front and Sides as shown in Figure 91. (See Note A)

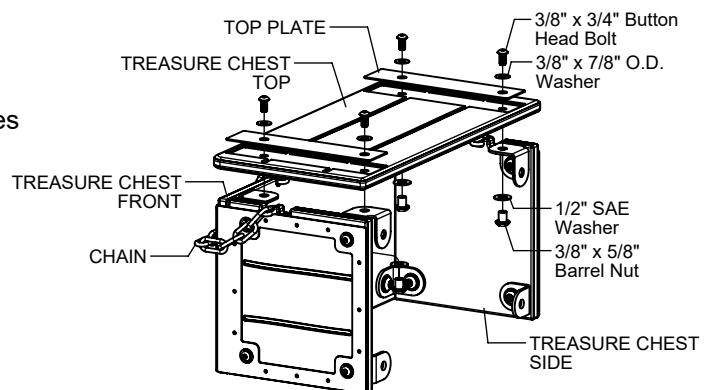


FIGURE 91

Step 7 (Factory Assembled)

Secure Treasure Chest Plates to Treasure Chest Front and Sides as shown in Figure 92.

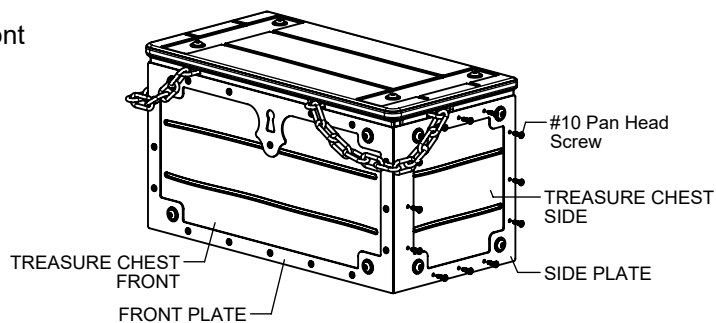


FIGURE 92

Step 8

Attach Treasure Chest to Dock Chest Panel as shown in Figure 93. (See Note A)

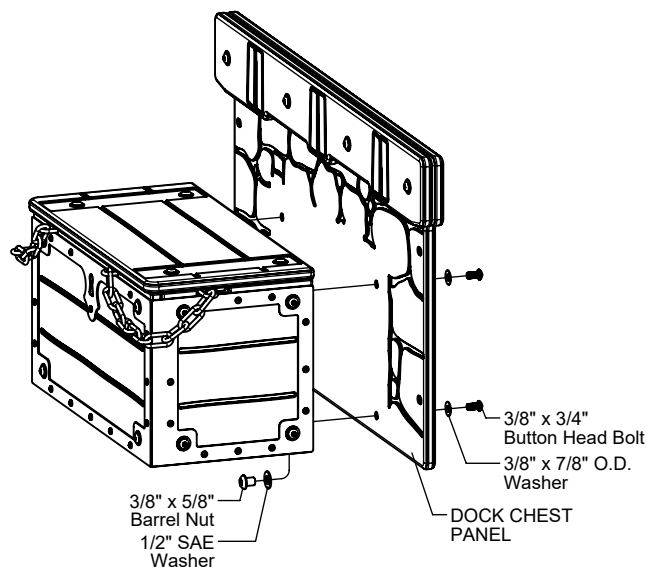


FIGURE 93

Step 10

Attach Dock Chest Panel to collars as shown in Figure 94. (See Notes A & B)

Step 11

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

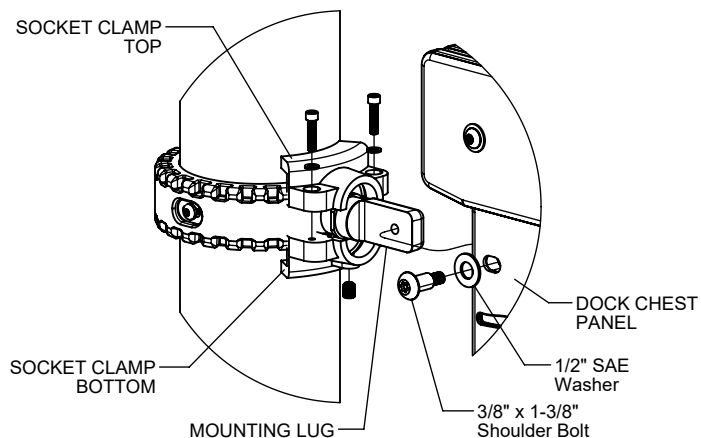


FIGURE 94

CAPTAIN'S WINDOW PANEL

Step 1

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

Elevation View

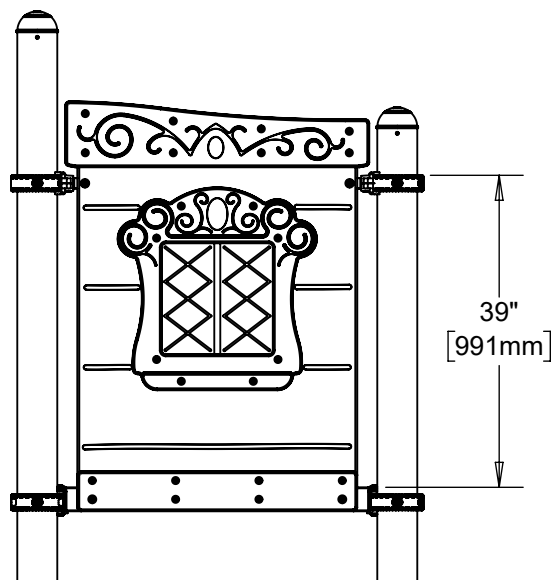


Figure 95

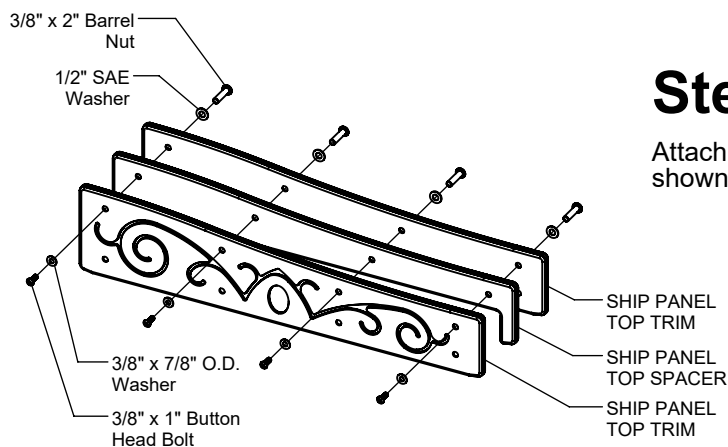


Figure 96

Step 2 (Factory Assembled)

Attach Ship Panel Top Trim to Ship Panel Top Spacer as shown in Figure 96. (See Note A)

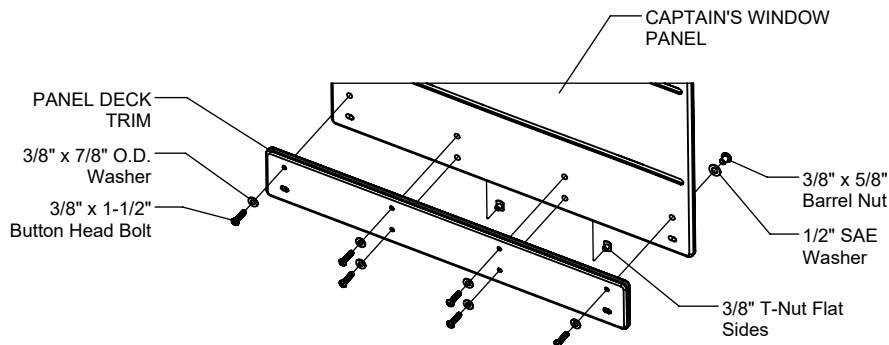


Figure 97

Step 3 (Factory Assembled)

Attach Panel Deck Trim to Captain's Window Panel as shown in Figure 97. (See Note A)

Step 4 (Factory Assembled)

Attach Trim to Captain's Window Panel as shown in Figure 98. (See Note A)

NOTE: Captain's Window shown. Other Panels and Trim may vary, but does not affect assembly.

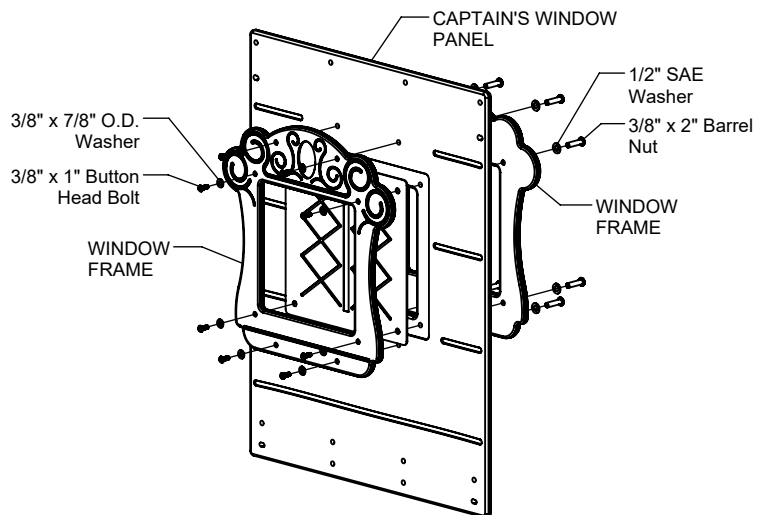


FIGURE 98

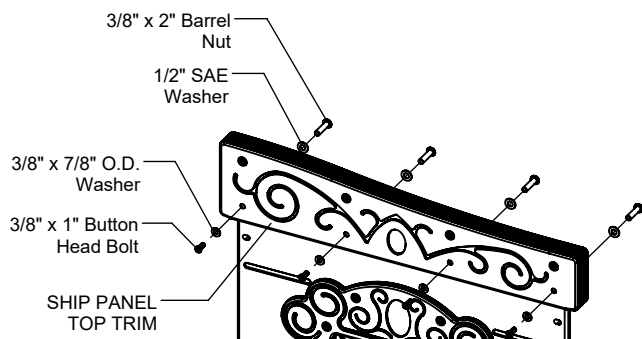


FIGURE 99

Step 5

Attach Ship Panel Top Trim to Captain's Window Panel as shown in Figure 99. (See Notes A & D)

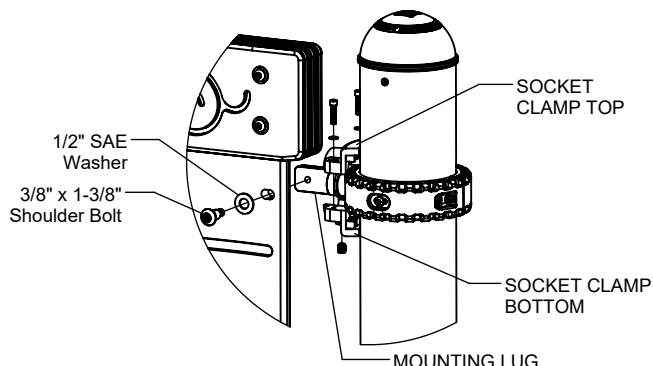


FIGURE 100

Step 6

Attach Captain's Window Panel to collars as shown in Figure 101. (See Notes A & B)

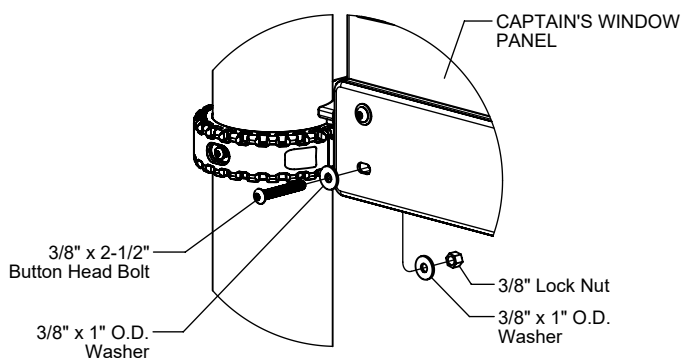


FIGURE 101

Step 7

Attach Captain's Window Panel to deck as shown in Figure 101. (See Note A)

Step 8

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

CANNON PANEL

Step 1

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

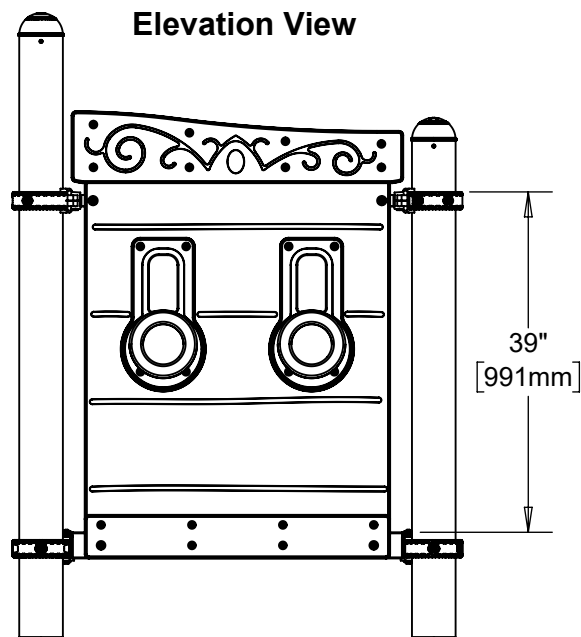


Figure 102

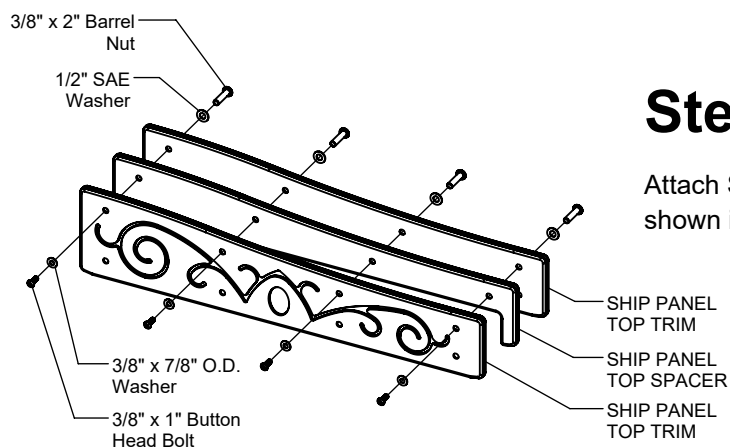


Figure 103

Step 2 (Factory Assembled)

Attach Ship Panel Top Trim to Ship Panel Top Spacer as shown in Figure 2. (See Note A)

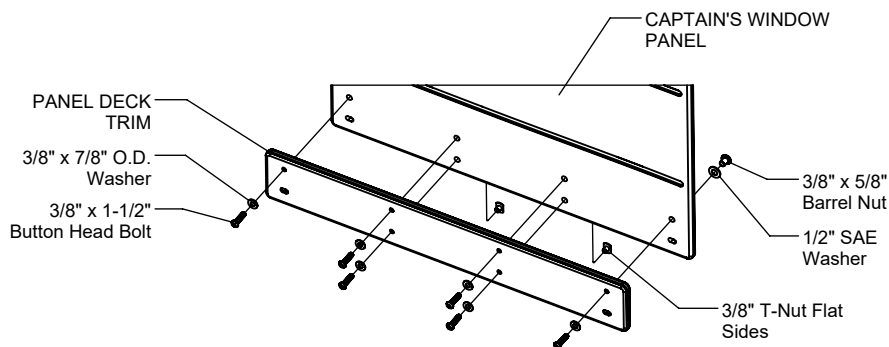


Figure 104

Step 3 (Factory Assembled)

Attach Panel Deck Trim to Cannon Panel as shown in Figure 97. (See Note A)

Attach Cannon Trim and Cannon Blocker to Cannon as shown in Figure 105. (See Note A)



Attach Cannon Trim Panels and Cannon to Cannon Panel as shown in Figure 106. (See Notes A & D)



Step 6

Attach Ship Panel Top Trim to Cannon Panel as shown in Figure 107. (See Notes A & D)

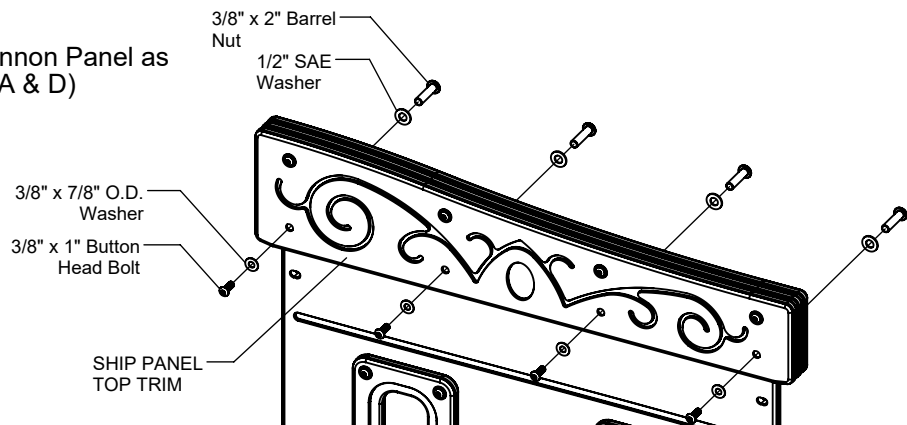


FIGURE 107

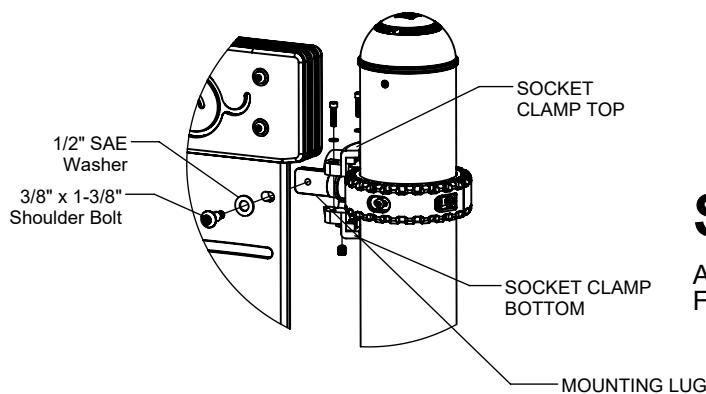


FIGURE 108

Step 7

Attach Cannon Panel to collars as shown in Figure 108. (See Notes A & B)

Step 8

Attach Cannon Panel to deck as shown in Figure 101. (See Note A)

Step 9

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

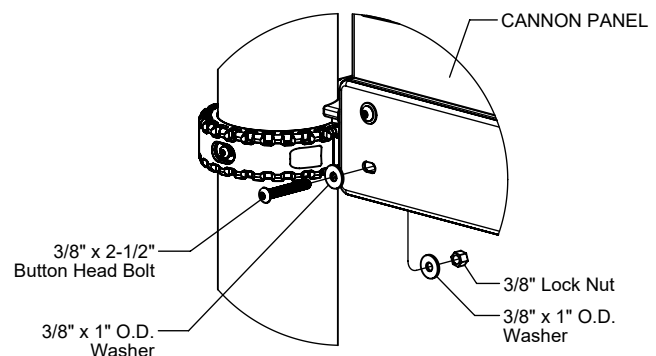


FIGURE 109

SHIP ASSEMBLY INSTALLATION INSTRUCTIONS

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Access Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
FS-1237	Vertical Rock Climber Handle	2
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103052-TR	Bolt Button Head 3/8" x 1"	8
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	2
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0252-SPC	Ship Panel Top Spacer R5	1
EF-0252-TL	Ship Panel Top Trim Left R5	1
EF-0252-TR	Ship Panel Top Trim Right R5	1
EF-0261	Ship Access Panel R5	1
EF-0261-T	Ship Access Panel Trim	1
452303	T-Nut 3/8" Flat Sides (Roto)	2
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	6
9333042	Washer Flat 3/8" x 7/8" O.D.	10
9345002	Washer Flat SAE 1/2"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

Access Panel Above Deck

PARTS LIST		
Part #	DESCRIPTION	QTY.
FS-1237	Vertical Rock Climber Handle	2
GF-7007	Mounting Lug R5	4
HS-1001-R5	Socket Clamp Set R5	4
9103052-TR	Bolt Button Head 3/8" x 1"	8
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	12
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0252-SPC	Ship Panel Top Spacer R5	1
EF-0252-TL	Ship Panel Top Trim Left R5	1
EF-0252-TR	Ship Panel Top Trim Right R5	1
EF-0360-TAD	Ship Access Panel Trim Above Deck	2
EF-0360	Ship Access Panel Above Deck R5	1
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	4
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	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

Below Deck Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	4
HS-1001-R5	Socket Clamp Set R5	4
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	2
9345002	Washer Flat SAE 1/2"	2

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
Varies	Ship Below Deck Panel R5	1
EF-0263-T	Ship Below Deck 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

Cannon Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	6
9413002	Nut Lock 3/8"	2
9443092-TR	Nut Barrel 3/8" x 2" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EE-0358	Panel Cannon Trim	2
EE-0358-B	Panel Cannon Blocker	2
EF-0252-SPC	Ship Panel Top Spacer R5	1
EF-0252-TL	Ship Panel Top Trim Left R5	1
EF-0252-TR	Ship Panel Top Trim Right R5	1
EF-0262	Ship Panel Deck Trim	1
EF-0264	Ship Cannon Panel R5	1
EF-0264-B	Cannon Panel Window Blocker	2
EF-0264-T	Ship Cannon Panel Trim	4
FS-16461-CAN	Panel Cannon	2
452303	T-Nut 3/8" Flat Sides (Roto)	2
9103052-TR	Bolt Button Head 3/8" x 1"	16
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	6
9251032	Screw SQ #10x3/4 DR PH SMS SS	12
9333042	Washer Flat 3/8" x 7/8" O.D.	22
9345002	Washer Flat SAE 1/2"	20
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	16



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Below Deck Port Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	4
HS-1001-R5	Socket Clamp Set R5	4
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	2
9345002	Washer Flat SAE 1/2"	2

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0255-PRT	Ship Below Deck Porthole Trim	1
EF-0256	Ship Captain's Below Deck Port Panel R5	1
EF-0256-TRM	Ship Captain's Below Deck Port Trim	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	18
9333042	Washer Flat 3/8" x 7/8" O.D.	18
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

Captain's Access Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
FS-1237	Vertical Rock Climber Handle	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
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	2
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	10
9345002	Washer Flat SAE 1/2"	6
9413002	Nut Lock 3/8"	2
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0250	Ship Captain's Access Panel R5	1
EF-0250-BTRM	Ship Captain's Panel Bottom Trim	1
EF-0250-DTRM	Ship Captain's Panel Deck Trim	2
EF-0250-SCRL	Ship Captain's Panel Scroll	1
EF-0250-SPC	Ship Captain's Panel Spacer	1
EF-0250-STRM	Ship Captain's Panel Scroll Trim	1
EF-0250-TTRM	Ship Captain's Panel Top Trim	1
9103052-TR	Bolt Button Head 3/8" x 1"	8
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9103092-TR	Bolt Button Head 3/8" x 2"	5
9103122-TR	Bolt Button Head 3/8" x 2-3/4"	2
9333042	Washer Flat 3/8" x 7/8" O.D.	23
9345002	Washer Flat SAE 1/2"	23
9443022-TR	Nut Barrel 3/8" x 5/8" BH	15
9443092-TR	Nut Barrel 3/8" x 2" BH	8

Below Deck Starboard Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	4
HS-1001-R5	Socket Clamp Set R5	4
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	2
9345002	Washer Flat SAE 1/2"	2

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0255	Ship Captain's Below Deck Starboard Panel R5	1
EF-0255-PRT	Ship Below Deck Porthole Trim	1
EF-0255-TRM	Ship Captain's Below Deck Starboard Trim	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	18
9333042	Washer Flat 3/8" x 7/8" O.D.	18
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

Captain's Window Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	6
9413002	Nut Lock 3/8"	2
9443092-TR	Nut Barrel 3/8" x 2" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0252-SPC	Ship Panel Top Spacer R5	1
EF-0252-TL	Ship Panel Top Trim Left R5	1
EF-0252-TR	Ship Panel Top Trim Right R5	1
EF-0257	Ship Captain's Window Panel R5	1
EF-0257-FRM	Ship Captain's Window Frame	2
EF-0257-P	Ship Captain's Window Pane	1
EF-0262	Ship Panel Deck Trim	1
452303	T-Nut 3/8" Flat Sides (Roto)	2
9103052-TR	Bolt Button Head 3/8" x 1"	12
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	6
9333042	Washer Flat 3/8" x 7/8" O.D.	18
9345002	Washer Flat SAE 1/2"	16
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	12



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Deck Filler 24"

PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0259-T	Ship Wheelhouse Step Trim	1
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	4
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9345002	Washer Flat SAE 1/2"	2
9413002	Nut Lock 3/8"	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0259-T	Ship Wheelhouse Step Trim	2
EF-0359	Ship Deck Filler 24" R5	1
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

Jib

PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0277	Ship Jib Sail R5	1
GE-7015	Mounting Insert	4
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	7
9103032-TR	Bolt Button Head 3/8" x 3/4"	3
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	2
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	11
9345002	Washer Flat SAE 1/2"	5
9443022-TR	Nut Barrel 3/8" x 5/8" BH	3
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	2
9103092-TR	Bolt Button Head 3/8" x 2"	2

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
BE-4466	Spring Rider Bracket	24
EF-0274	Ship Port Jib Panel R5	1
EF-0274-T	Ship Port Jib Trim	1
EF-0275	Ship Starboard Jib Panel R5	1
EF-0275-T	Ship Starboard Jib Trim	1
EF-0276	Ship Jib Gap Guard	5
EF-0276-T	Ship Jib Top Gap Guard	1
FS-16461-JIB	SHIP JIB FRAME R5	1
GG-8135	Post Cap R3.5 Dome	1
452303	T-Nut 3/8" Flat Sides (Roto)	14
455110	Nutsert 3/8 x .690	4
9103032-TR	Bolt Button Head 3/8" x 3/4"	38
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	18
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	38
9333042	Washer Flat 3/8" x 7/8" O.D.	18
9345002	Washer Flat SAE 1/2"	42
9443022-TR	Nut Barrel 3/8" x 5/8" BH	42
9610012	Rivet 3/16" x 1/2" to 3/4" Pop	2

Half Walls

PARTS LIST		
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

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0268	Ship Half Wall R5	2
EF-0268-LT	Ship Half Wall Left Trim	2
EF-0268-SP	Ship Half Wall Spacer	2
EF-0268-RT	Ship Half Wall Right Trim	2
9103052-TR	Bolt Button Head 3/8" x 1"	10
9333042	Washer Flat 3/8" x 7/8" O.D.	10
9345002	Washer Flat SAE 1/2"	10
9443092-TR	Nut Barrel 3/8" x 2" BH	10

Pirate Maze Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0279	Pirate Maze Panel R5	1
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

Porthole Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	6
9413002	Nut Lock 3/8"	2
9443092-TR	Nut Barrel 3/8" x 2" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0252-SPC	Ship Panel Top Spacer R5	1
EF-0252-TL	Ship Panel Top Trim Left R5	1
EF-0252-TR	Ship Panel Top Trim Right R5	1
EF-0262	Ship Panel Deck Trim	1
EF-0265	Ship Porthole Panel R5	1
EF-0265-P	Ship Porthole Pane	2
EF-0265-T	Ship Porthole Trim	4
452303	T-Nut 3/8" Flat Sides (Roto)	2
9103052-TR	Bolt Button Head 3/8" x 1"	14
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	6
9333042	Washer Flat 3/8" x 7/8" O.D.	20
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	14



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Ship Bow Access Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
FS-1237	Vertical Rock Climber Handle	2
GF-7007	Mounting Lug R5	5
HS-1001-R5	Socket Clamp Set R5	5
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	1
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	4
9103122-TR	Bolt Button Head 3/8" x 2-3/4"	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	17
9345002	Washer Flat SAE 1/2"	8
9413002	Nut Lock 3/8"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0269	Ship Port Bow Bottom Panel R5	1
EF-0269-T	Ship Port Bow Bottom Trim R5	1
EF-0270	Ship Port Bow Access Panel R5	1
EF-0270-T	Ship Bow Access Trim R5	1
EF-0273-SPC	Ship Bow Panel Top Spacer R5	1
EF-0273-TL	Ship Bow Panel Top Trim Left R5	1
EF-0273-TR	Ship Bow Panel Top Trim Right R5	1
452303	T-Nut 3/8" Flat Sides (Roto)	2
9103052-TR	Bolt Button Head 3/8" x 1"	10
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	17
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	2
9333042	Washer Flat 3/8" x 7/8" O.D.	29
9345002	Washer Flat SAE 1/2"	27
9443022-TR	Nut Barrel 3/8" x 5/8" BH	17
9443092-TR	Nut Barrel 3/8" x 2" BH	10

Step Filler 24"

PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0259-T	Ship Wheelhouse Step Trim	1
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9103122-TR	Bolt Button Head 3/8" x 2-3/4"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9345002	Washer Flat SAE 1/2"	2
9413002	Nut Lock 3/8"	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0259-T	Ship Wheelhouse Step Trim	2
EF-0267	Ship Step Filler 24" R5	1
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

Starboard Bow Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	5
HS-1001-R5	Socket Clamp Set R5	5
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	1
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	13
9345002	Washer Flat SAE 1/2"	4
9413002	Nut Lock 3/8"	6

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
AE-0687-B	Pirate Ship - Bottom Anchor Insert	1
AE-0687-T	Pirate Ship - Top Anchor Insert	1
EF-0265-P	Ship Porthole Pane	1
EF-0265-T	Ship Porthole Trim	2
EF-0271	Ship Starboard Bow Bottom Panel R5	1
EF-0271-T	Ship Starboard Bow Bottom Trim	1
EF-0272	Ship Starboard Bow Panel R5	1
EF-0272-A	Pirate Ship Anchor	1
EF-0272-T	Ship Bow Panel Trim	1
EF-0273-SPC	Ship Bow Panel Top Spacer R5	1
EF-0273-TL	Ship Bow Panel Top Trim Left R5	1
EF-0273-TR	Ship Bow Panel Top Trim Right R5	1
9103052-TR	Bolt Button Head 3/8" x 1"	15
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	22
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	22
9443092-TR	Nut Barrel 3/8" x 2" BH	15

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Twister Entry Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
FS-1316-CAN	Twister Sit Down Side Guard Canada	2
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	2
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0251	Ship Twister Entry Panel R5	1
EF-0251-TRM	Ship Twister Panel Trim	2
EF-0252-SPC	Ship Panel Top Spacer R5	1
EF-0252-TL	Ship Panel Top Trim Left R5	1
EF-0252-TR	Ship Panel Top Trim Right R5	1
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	2
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	2
9443092-TR	Nut Barrel 3/8" x 2" BH	4

Wheelhouse

PARTS LIST		
Part #	DESCRIPTION	QTY.
BE-4466	Spring Rider Bracket	13
BF-0625	Ship Wheel House Bracket	1
EE-0156-H	Solid Driver Wheel Hub	1
EF-0258-SD	Ship Wheelhouse Side Panel	2
EF-0259-T	Ship Wheelhouse Step Trim	2
FS-1237	Vertical Rock Climber Handle	2
FS-1309-R5	Half Wall R5	2
GF-7007	Mounting Lug R5	6
HS-1001-R5	Socket Clamp Set R5	8
IE-4761	Driver Wheel Casting Spindle	1
451172	Hex Key Wrench 1/8" SA	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	24
9103052-TR	Bolt Button Head 3/8" x 1"	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	5
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	5
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	6
9103122-TR	Bolt Button Head 3/8" x 2-3/4"	2
9105082	Bolt Button Head 1/2" x 1-3/4"	1
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	6
9261002	Screw Soc Set 1/4" x 1/4"	1
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	46
9333042	Washer Flat 3/8" x 7/8" O.D.	10
9335062	Washer Flat 1/2" x 1-1/4" OD	1
9335062-5	Washer Flat 1/2" x 1-3/8" OD	1
9337072-5	Washer Flat 11/16" x 1-3/4" OD	1
9345002	Washer Flat SAE 1/2"	39
9413002	Nut Lock 3/8"	9
9425002	Nut Lock 1/2" Thin	1
9443022-TR	Nut Barrel 3/8" x 5/8" BH	33
9443062-TR	Nut Barrel 3/8" x 1-3/8" BH	5

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EE-0357	Pirate Ship Wheel Base	1
EE-0357-I	Pirate Ship Wheel Insert	1
EF-0258	Ship Wheelhouse Front	1
EF-0258-T	Ship Wheelhouse Trim	1
EF-0259	Ship Wheelhouse Step Panel R5	2
EF-0259-T	Ship Wheelhouse Step Trim	4
IE-4662	Wheel Hub	1
481058-58	5/8" x 7/8" x 5/8" L Flanged Bearing	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	22
9251032	Screw SQ #10x3/4 DR PH SMS SS	10
9333042	Washer Flat 3/8" x 7/8" O.D.	22
9345002	Washer Flat SAE 1/2"	22
9443022-TR	Nut Barrel 3/8" x 5/8" BH	22



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Dock Access Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0281-PLQ	Ship Dock Access Wall Plaque	1
FS-1237	Vertical Rock Climber Handle	1
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103052-TR	Bolt Button Head 3/8" x 1"	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	4
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	10
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	8
9413002	Nut Lock 3/8"	4
9443022-TR	Nut Barrel 3/8" x 5/8" BH	6

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0281	Ship Dock Access Wall R5	1
EF-0281-OAR	Ship Dock Oar	2
9103052-TR	Bolt Button Head 3/8" x 1"	3
9333042	Washer Flat 3/8" x 7/8" O.D.	3
9345002	Washer Flat SAE 1/2"	3
9443092-TR	Nut Barrel 3/8" x 2" BH	3

Dock Treasure Hunt Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9345002	Washer Flat SAE 1/2"	2
9413002	Nut Lock 3/8"	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0282	Ship Dock Treasure Hunt Panel R5	1
EF-0282-T	Ship Dock Treasure Hunt Trim	2
EF-0282-TI	Ship Dock Treasure Hunt Top Graphic	2
EF-0282-BI	Ship Dock Treasure Hunt Bottom Graphic	2
9103052-TR	Bolt Button Head 3/8" x 1"	14
9333042	Washer Flat 3/8" x 7/8" O.D.	14
9345002	Washer Flat SAE 1/2"	14
9443092-TR	Nut Barrel 3/8" x 2" BH	14

Dock Panel

PARTS LIST		
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

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
EF-0284	Ship Stone Dock Panel R5	1
EF-0284-SF	Starfish Accent	1
EF-0284-T	Ship Stone Dock Trim	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	4
9251032	Screw SQ #10x3/4 DR PH SMS SS	5
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	4
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4

Dock Treasure Chest Panel

PARTS LIST		
Part #	DESCRIPTION	QTY.
GF-7007	Mounting Lug R5	4
HS-1001-R5	Socket Clamp Set R5	4
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	4
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9345002	Washer Flat SAE 1/2"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4

ASSEMBLED PARTS LIST		
Part #	DESCRIPTION	QTY.
AE-0622	Treasure Chest Front Plate	1
AE-0623	Treasure Chest Side Plate	2
AE-0624	Treasure Chest Top Plate	2
BE-0577	1-3/8" Square Corner Bracket	4
BE-4466	Spring Rider Bracket	4
EE-0368	Treasure Chest Top	1
EE-0368-FR	Treasure Chest Front	1
EE-0368-SD	Treasure Chest Side	2
EF-0284-T	Ship Stone Dock Trim	1
EF-0285	Ship Stone Dock Chest Panel R5	1
HE-0057	Treasure Chest Chain	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	16
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	4
9251032	Screw SQ #10x3/4 DR PH SMS SS	40
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



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Specifications

ANCHOR INSERTS:

Shall be precision cut from 14 gauge stainless steel.

DRIVER WHEEL CASTING SPINDLE:

Shall machined from $\varnothing 1$ " stainless steel.

PANEL CANNON:

Shall be fabricated using 5" O.D. 11 gauge steel tubing with welded 10 gauge steel mounting plates. The Panel Cannon shall have a multi-stage baked-on powder coat finish.

DOCK PANELS, SHIP PANELS AND TRIM:

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

SHIP JIB FRAME:

Shall be fabricated using 3.5" O.D. 11 gauge steel tubing with welded 1.315" O.D. 12 gauge stand offs, 10 gauge steel end plate, 3/16" thick steel pipe plugs and 3/8" thick steel tabs. The Ship Jib Frame shall have a multi-stage baked-on powder coat finish.

SHIP WHEELHOUSE BRACKET:

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

SPRING RIDER BRACKET:

Shall be precision cut and formed from 3/16" sheet steel. The Spring Rider Bracket shall have a multi-stage baked-on powder coat finish.

SQUARE CORNER BRACKET:

Shall be precision cut and formed from 3/16" sheet steel. The Square Corner Bracket shall have a multi-stage baked-on powder coat finish.

TREASURE CHEST TOP AND SIDE PLATES:

Shall be precision cut and from 14 gauge sheet steel. The Treasure Chest Top and Side Plates shall have a multi-stage baked-on powder coat finish.

TWISTER SIT DOWN SIDE GUARD:

Shall be fabricated using 1.029" O.D. 14 gauge steel tubing with welded 10 gauge steel mounting tabs. The Twister Sit Down Side Guard shall have a multi-stage baked-on powder coat finish.

VERTICAL ROCK CLIMBER HANDLE:

Shall be fabricated using 1.315 O.D. 12 gauge steel tubing with welded 1/4" thick steel mounting plates. The Vertical Rock Climber Handle shall have a multi-stage baked-on powder coat finish.

WHEEL HUB:

Shall be machined from $\varnothing 3\text{-}3/4$ " high strength aluminum alloy. The Wheel Hub shall have a multi-stage baked-on powder coat finish.

DOME POST CAP R3.5:

Shall be precision die-cast from a high-strength aluminum alloy. The Dome Post Cap R3.5 shall have a multi-stage baked-on powder coat finish.

MOUNTING LUG:

Shall be precision die-cast from a high-strength aluminum alloy. The Mounting Lugs shall 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.