

USER GROUP: 2-5 Years, 5-12 Years

RECOMMENDED CREW: 1-2 People

TOOLS REQUIRED:

- TT-45 Torx, 9/16" Hex, 3/4" Hex
- Level, Square, Hammer / Mallet
- Auger / Post Hole Digger / Shovel
- Drill Bits: None
- Lifting Equipment
- Framing, Bracing, or Concrete Forms (Not Included)
- High Speed 3/8" Electric Drill with Clutch

NOTE: Use of any other driver may result in damage to product, tool, and/or hardware!

NOTE: Apply Thread Locking Solution to ALL Non-Patched Hardware with Threads!

INSTALLATION TIME: 2 Hours

WEIGHT: 746 lbs.

CONCRETE REQUIRED: (9) 80lb. bags - 5.3 ft³

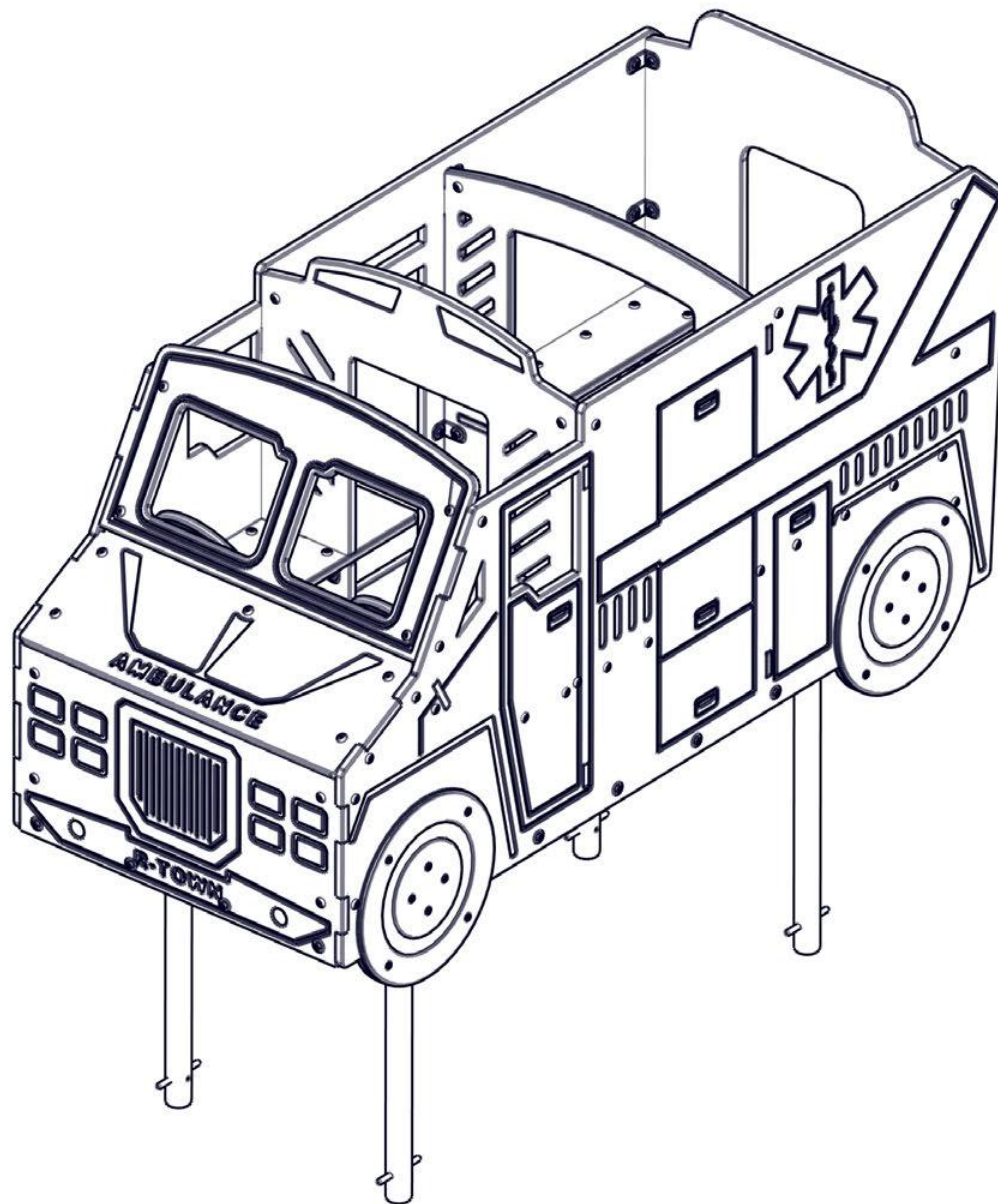
NOTE: Concrete must have a minimum rating of 2,500 psi and must be mixed per manufacturer's recommendations.

PRE-INSTALLATION CHECK:

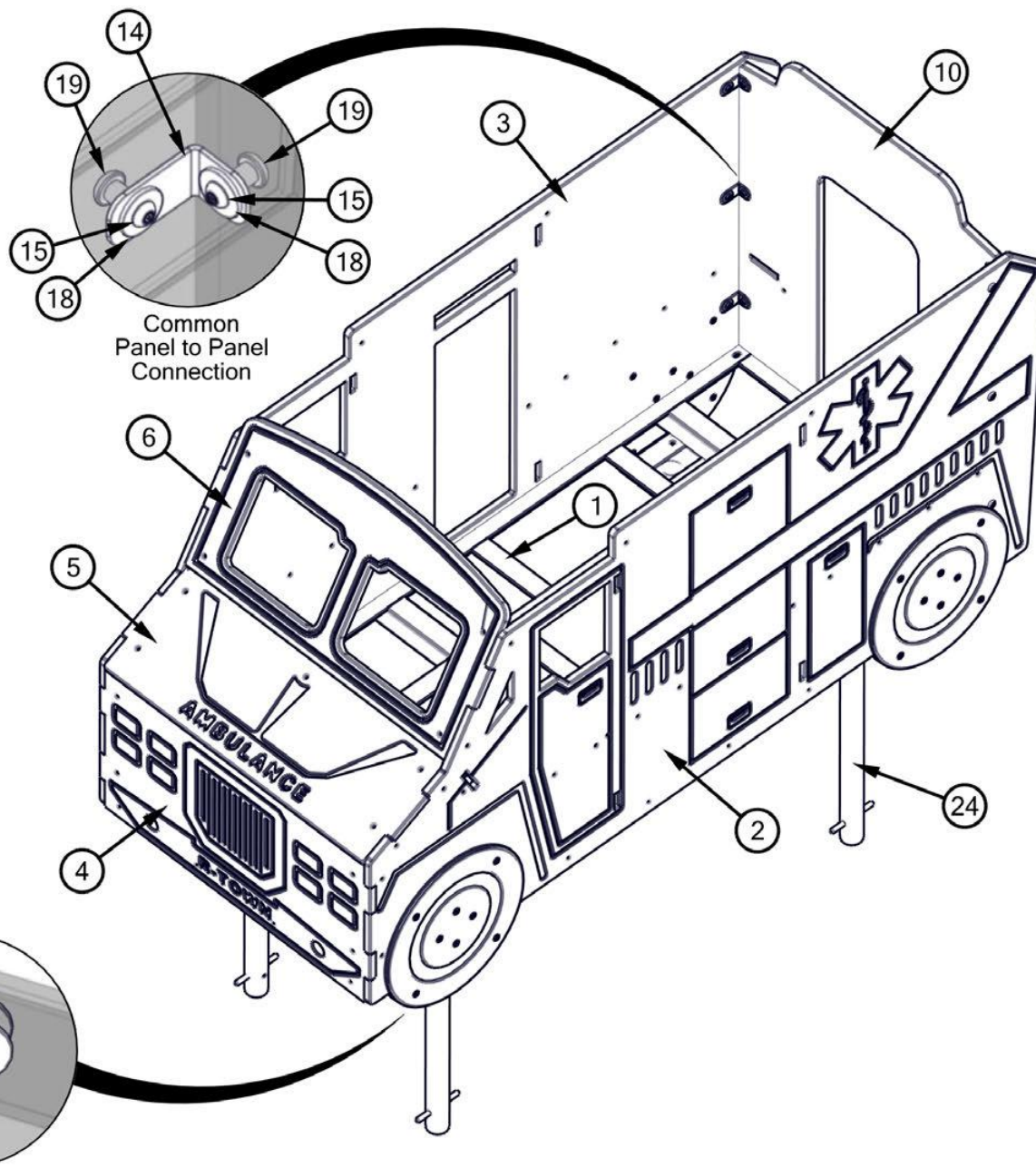
Customer is responsible for verifying materials received by comparing received items with packing list. If any parts are missing or damaged, including documentation, contact your local sales representative immediately.

Supplier is not responsible for items discovered missing after 72 hours from time of delivery.

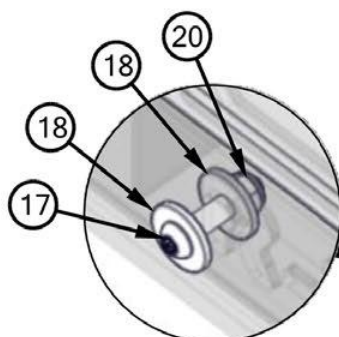
Before beginning installation, all installers must read and understand the Installation Introduction manual as supplied. If you did not receive a copy, or if you have any questions regarding any information in the Installation Instructions or this Installation Guideline, contact your local sales representative.



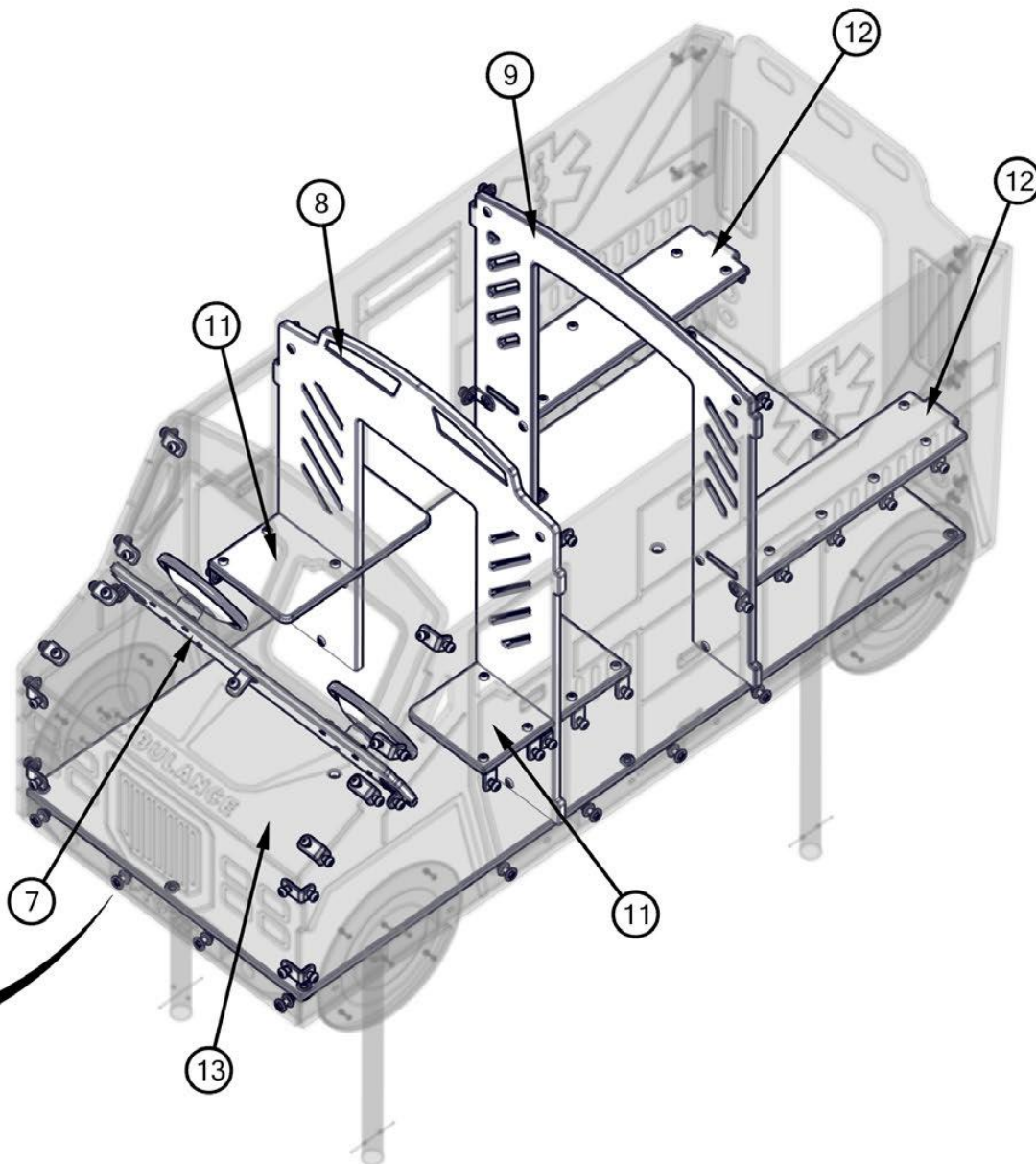
ITEM	Part No.	QTY	DESCRIPTION
1	20-0620PC	1	Dynamic Vehicle Angle Base (Coated)
2	RSA-2405XX	1	Pre-Assem. - GFP Ambulance Left Side Main Panel
3	RSA-2404XX	1	Pre-Assem. - GFP Ambulance Right Side Main Panel
4	RSP-7020XX	1	Sheet - GFP Ambulance Front Grill Panel
5	RSP-7016XX	1	Sheet - GFP Ambulance Hood Panel
6	RSP-7015XX	1	Sheet - GFP Ambulance Windshield Panel
7	RSA-2402XX	1	Pre-Assem. - GFP Ambulance Steering Wheel Panel
8	RSP-7022XX	1	Sheet - GFP Ambulance Front Bulkhead Panel
9	RSP-0436XX	1	Sheet - GFP Firetruck Middle Bulkhead Panel
10	RSP-7019XX	1	Sheet - GFP Ambulance Rear Panel
11	RSP-0431XX	2	Sheet - GFP Firetruck Front Seat Panel
12	RSP-0432XX	2	Sheet - GFP Firetruck Rear Seat Panel
13	RSP-7030XX	1	Sheet - GFP Textured Ambulance Dynamic Vehicle Base Panel
14	30318103XX	57	L-BRKT 2 3/4" X 1 3/4" X 1-1/2" (Coated)
15	HWB0315	110	Bolt 3/8"-16 x 3/4" TORX Security with Patch
16	HWB0210	2	Bolt 3/8"-16 x 1" TORX Security with Patch
17	HWB0228	24	Bolt 3/8"-16 x 1-3/4" TORX Security with Patch
18	HWWR0092	160	Washer 3/8" ID x 1-1/4" OD x 0.12 thick Flat SS
19	HWN0128	112	Nut 3/8"-16 302 SS TORX Barrel
20	HWN0098	24	Nut 3/8"- Nylock 300 S/S
21	HWB0578	16	Bolt 1/2"-13 x 1 1/4" HH SS
22	HWWR0022	32	Washer 1/2" ID x 1 1/4" Flat Washer 316SS
23	HWN0025	16	Nut 1/2"-13 - Nylock - 316SS
24	AFB-41908XX	4	Weldment - Dynamic Vehicle Inground Mount



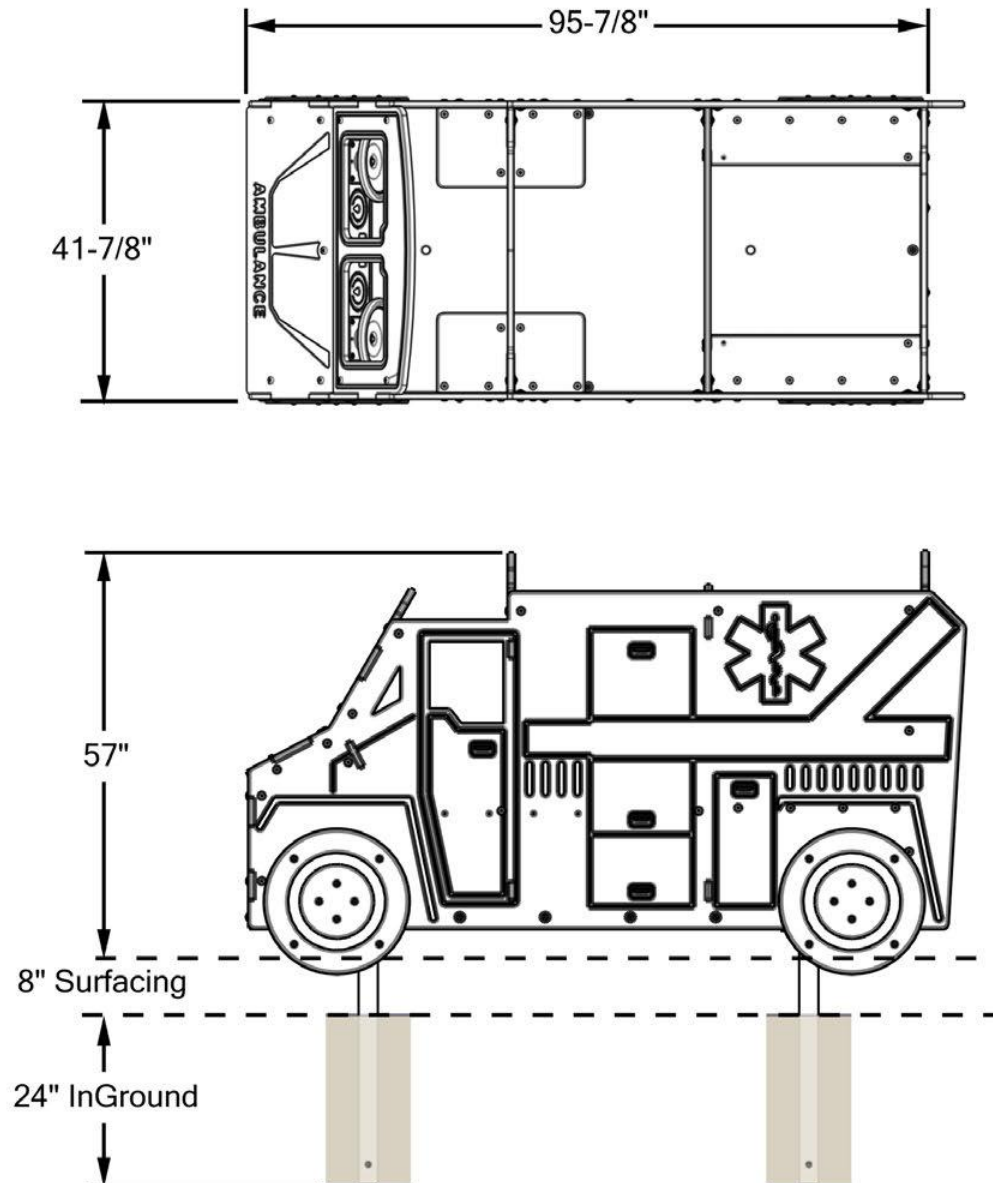
ITEM	Part No.	QTY	DESCRIPTION
1	20-0620PC	1	Dynamic Vehicle Angle Base (Coated)
2	RSA-2405XX	1	Pre-Assem. - GFP Ambulance Left Side Main Panel
3	RSA-2404XX	1	Pre-Assem. - GFP Ambulance Right Side Main Panel
4	RSP-7020XX	1	Sheet - GFP Ambulance Front Grill Panel
5	RSP-7016XX	1	Sheet - GFP Ambulance Hood Panel
6	RSP-7015XX	1	Sheet - GFP Ambulance Windshield Panel
7	RSA-2402XX	1	Pre-Assem. - GFP Ambulance Steering Wheel Panel
8	RSP-7022XX	1	Sheet - GFP Ambulance Front Bulkhead Panel
9	RSP-0436XX	1	Sheet - GFP Firetruck Middle Bulkhead Panel
10	RSP-7019XX	1	Sheet - GFP Ambulance Rear Panel
11	RSP-0431XX	2	Sheet - GFP Firetruck Front Seat Panel
12	RSP-0432XX	2	Sheet - GFP Firetruck Rear Seat Panel
13	RSP-7030XX	1	Sheet - GFP Textured Ambulance Dynamic Vehicle Base Panel
14	30318103XX	57	L-BRKT 2 3/4" X 1 3/4" X 1-1/2" (Coated)
15	HWB0315	110	Bolt 3/8"-16 x 3/4" TORX Security with Patch
16	HWB0210	2	Bolt 3/8"-16 x 1" TORX Security with Patch
17	HWB0228	24	Bolt 3/8"-16 x 1-3/4" TORX Security with Patch
18	HWWR0092	160	Washer 3/8" ID x 1-1/4" OD x 0.12 thick Flat SS
19	HWN0128	112	Nut 3/8"-16 302 SS TORX Barrel
20	HWN0098	24	Nut 3/8"- Nylock 300 S/S
21	HWB0578	16	Bolt 1/2"-13 x 1 1/4" HH SS
22	HWWR0022	32	Washer 1/2" ID x 1 1/4" Flat Washer 316SS
23	HWN0025	16	Nut 1/2"-13 - Nylock - 316SS
24	AFB-41908XX	4	Weldment - Dynamic Vehicle Inground Mount



Common
Panel to Frame
Connection

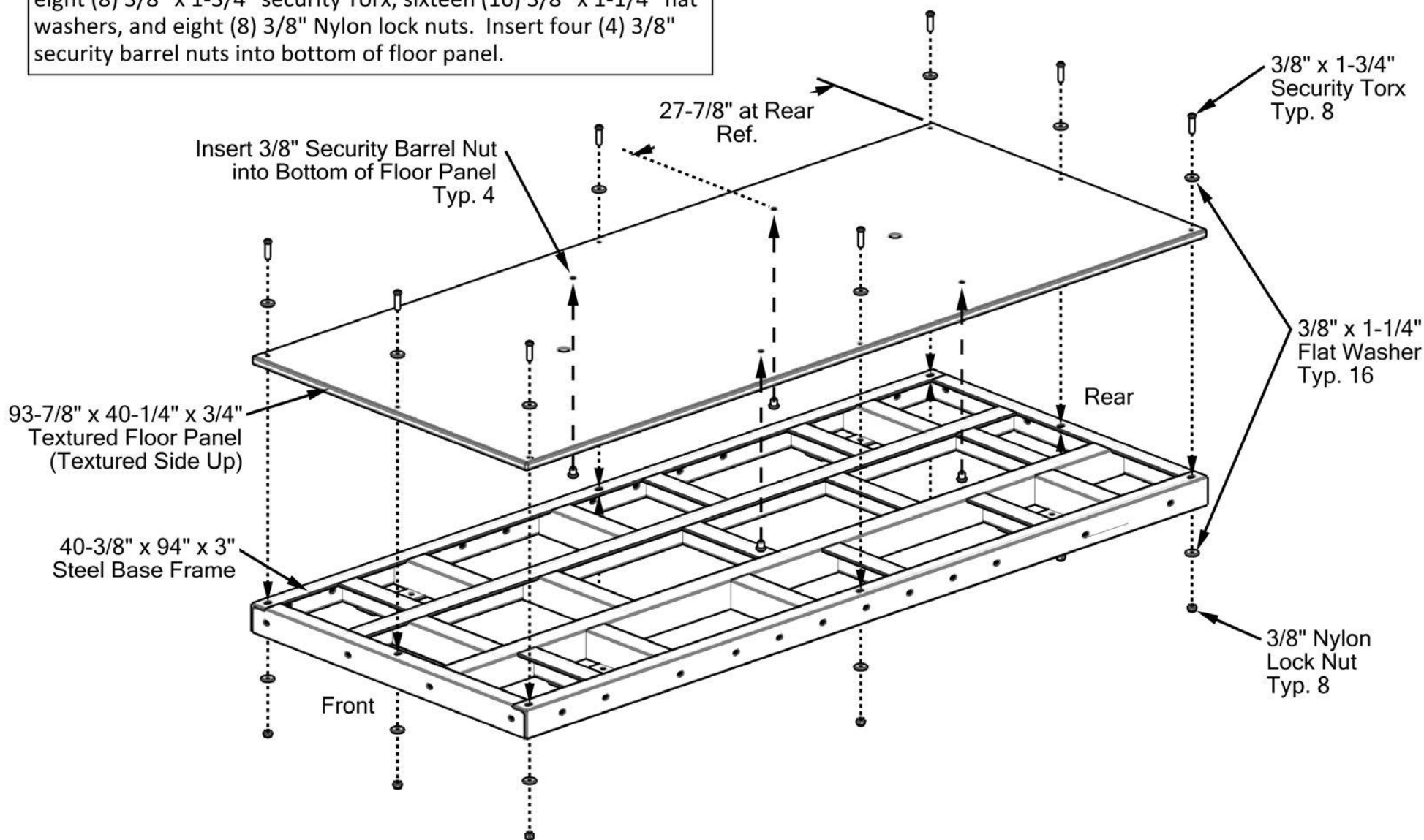


OVERALL DIMENSIONS



STEP 1

Mount floor panel to steel base frame. Secure panel to frame with eight (8) 3/8" x 1-3/4" security Torx, sixteen (16) 3/8" x 1-1/4" flat washers, and eight (8) 3/8" Nylon lock nuts. Insert four (4) 3/8" security barrel nuts into bottom of floor panel.

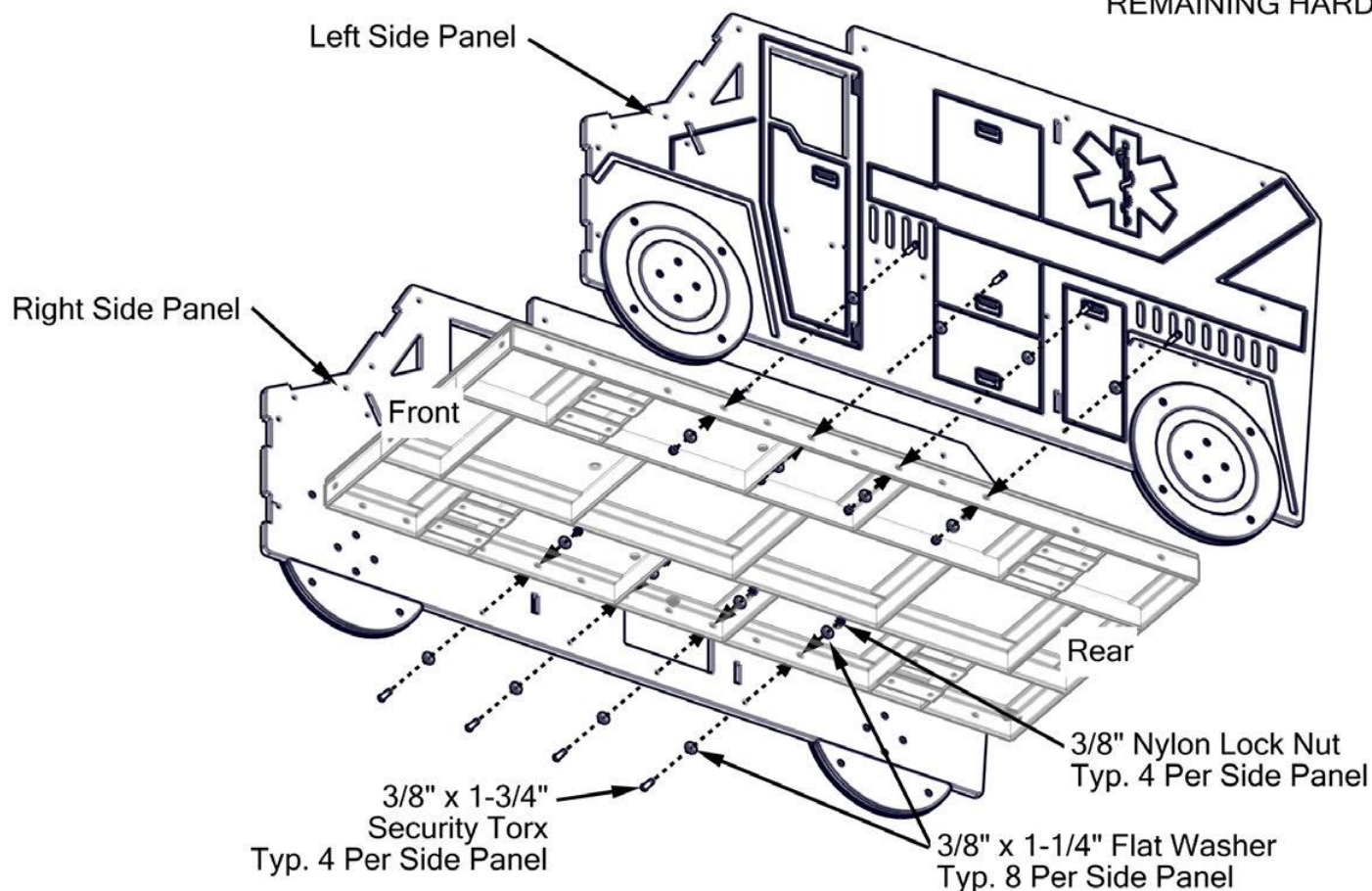


STEP 2

Mount left side panel and right side panel to base frame. Align holes in bottom edge of each panel with slots in side of frame. Secure each panel to frame with four (4) 3/8" x 1-3/4" security Torx, eight (8) 3/8" x 1-1/4" flat washers, and four (4) 3/8" Nylon lock nuts.

DO NOT FULLY TIGHTEN SIDE PANEL HARDWARE. WHILE ASSEMBLING VEHICLE, TO ALLOW PANELS TO FIT TOGETHER, DO NOT FULLY TIGHTEN REMAINING CONNECTIONS. All panels will be fully tightened after vehicle is fully assembled.

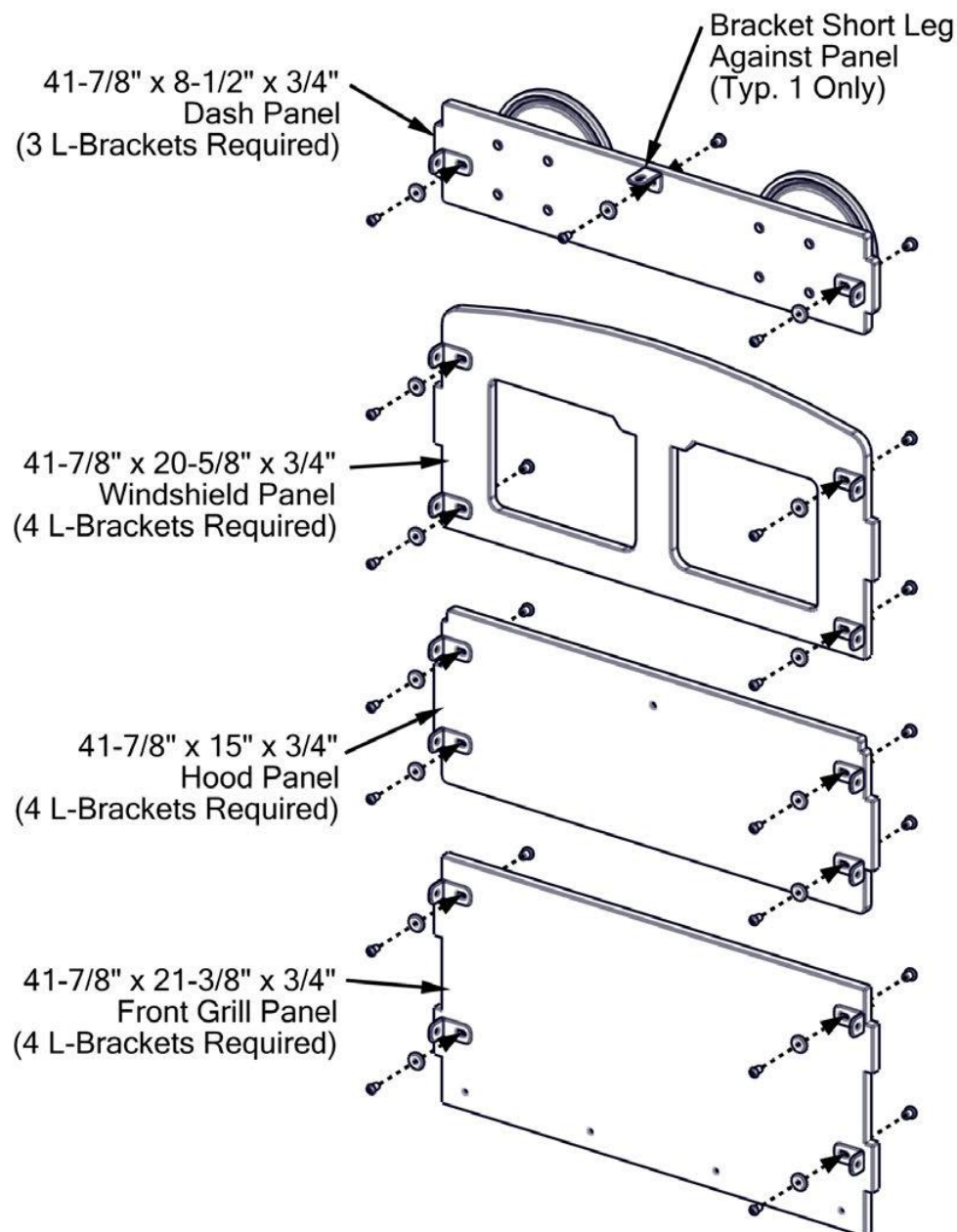
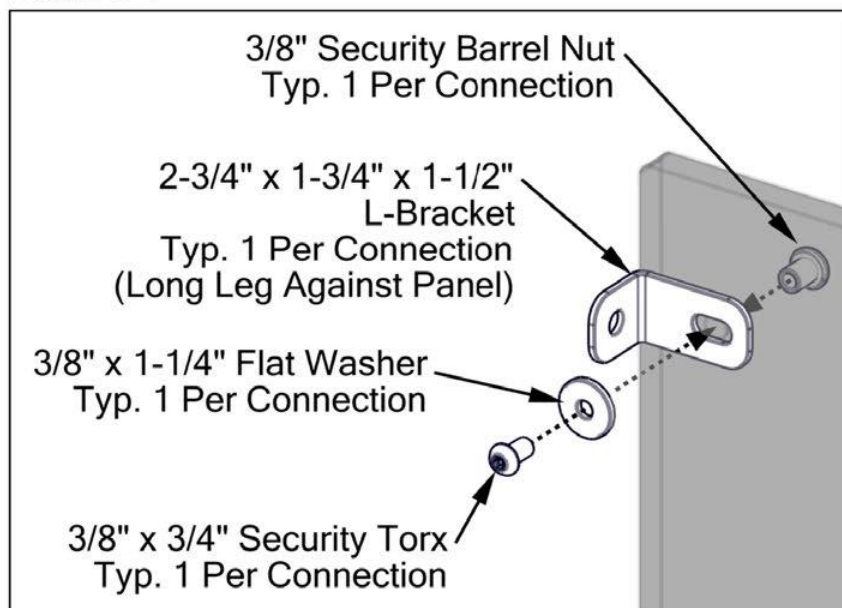
DO NOT FULLY TIGHTEN
REMAINING HARDWARE



STEP 3

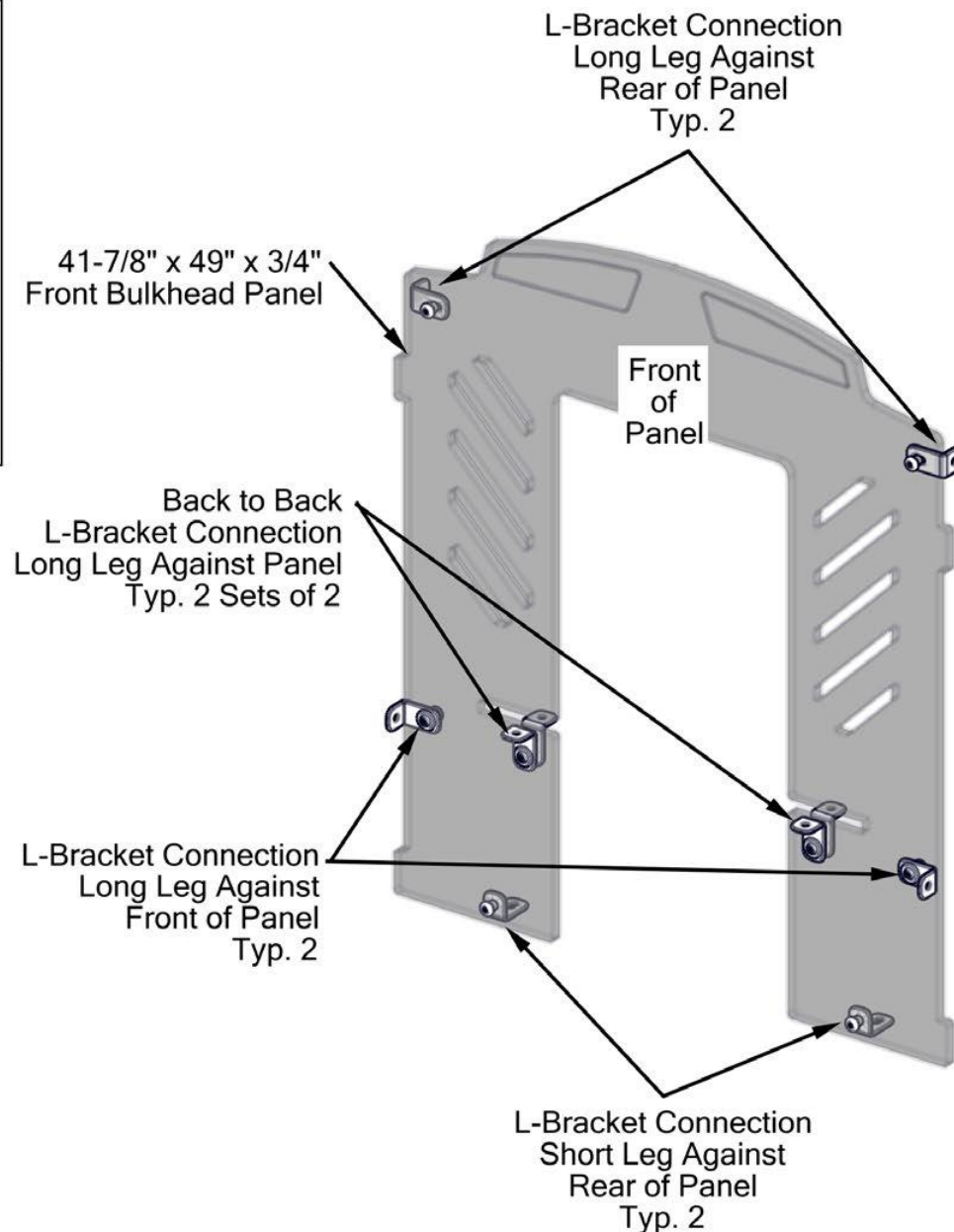
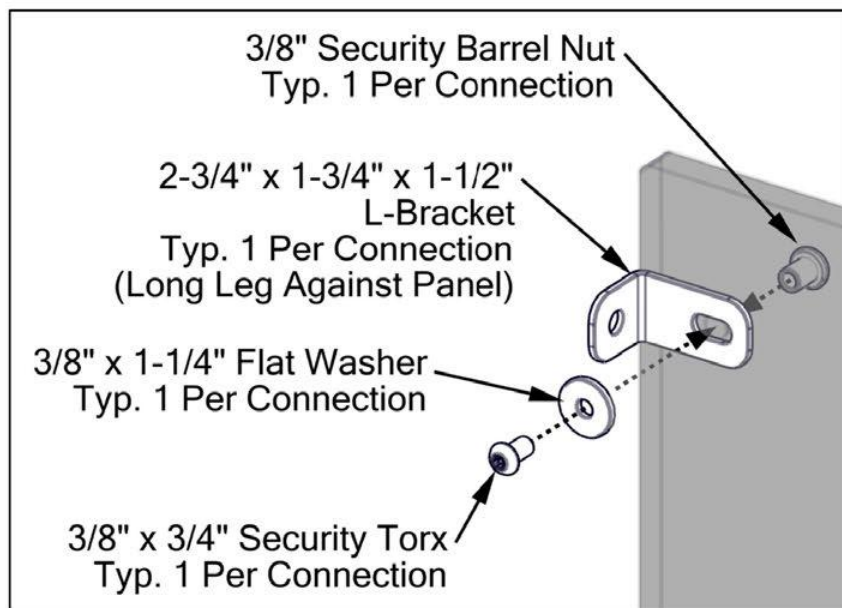
Mount L-brackets to front grill panel, hood panel, windshield panel, and dash panel. For each connection, place long leg of one (1) 2-3/4" x 1-3/4" x 1-1/2" L-bracket against rear of panel. (Center L-bracket on dash panel should have short leg against panel). Insert one (1) 3/8" security barrel nut into opposite side of panel. Secure bracket to panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 3-1 for common connection. Repeat for each L-bracket on each panel.

Detail 3-1



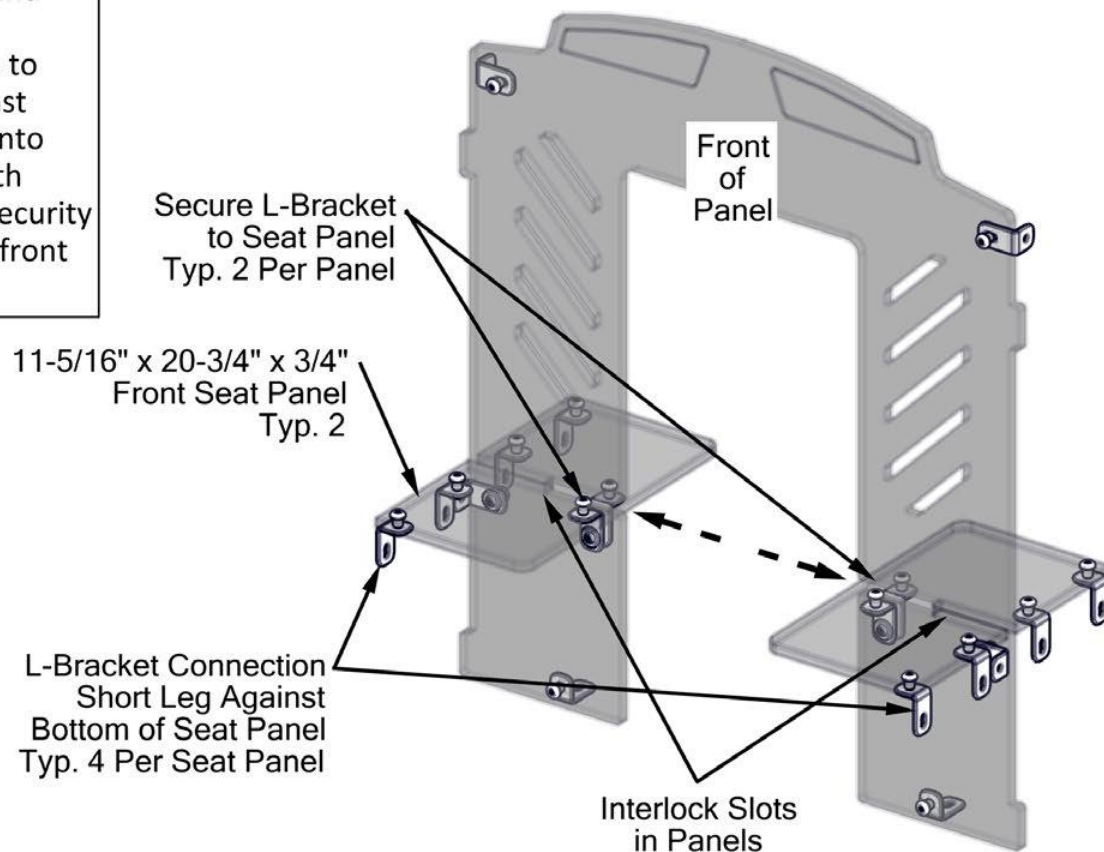
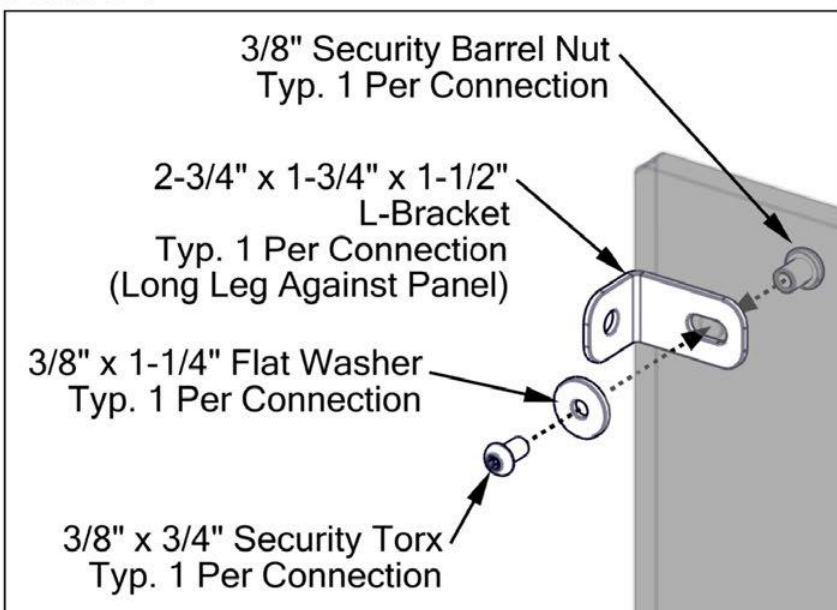
INSTALLATION GUIDELINE**STEP 4**

Mount L-brackets to front bulkhead panel. For each connection, see illustration at right for L-bracket leg placement. Eight (8) brackets will have long leg against panel. Two (2) brackets will have short leg against panel. For each of six (6) connections, place one (1) 2-3/4" x 1-3/4" x 1-1/2" L-bracket against panel as shown. Insert one (1) 3/8" security barrel nut into opposite side of panel. Secure bracket to panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 4-1 for common connection. Bottom two (2) L-brackets should have short legs placed against panel. Middle four (4) sets of L-brackets will be joined together through panel using same hardware.

Detail 4-1

STEP 5

Secure two (2) front seat panels to front bulkhead panel. Interlock slots in seat panels with slots in bulkhead panel. Ensure each seat panel seats flush into slot. For each front seat panel, insert two (2) 3/8" security barrel nuts into top of seat panel. Secure each seat panel to each L-bracket with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 5-1 for common connection. Mount four (4) 2-3/4" x 1-3/4" x 1-1/2" L-brackets to bottom of each seat panel. Place short legs of L-brackets against bottom of seat panel. Insert four (4) 3/8" security barrel nuts into top of each seat panel. Secure each L-bracket to seat panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 5-1 for common connection. Repeat for both front seat panels.

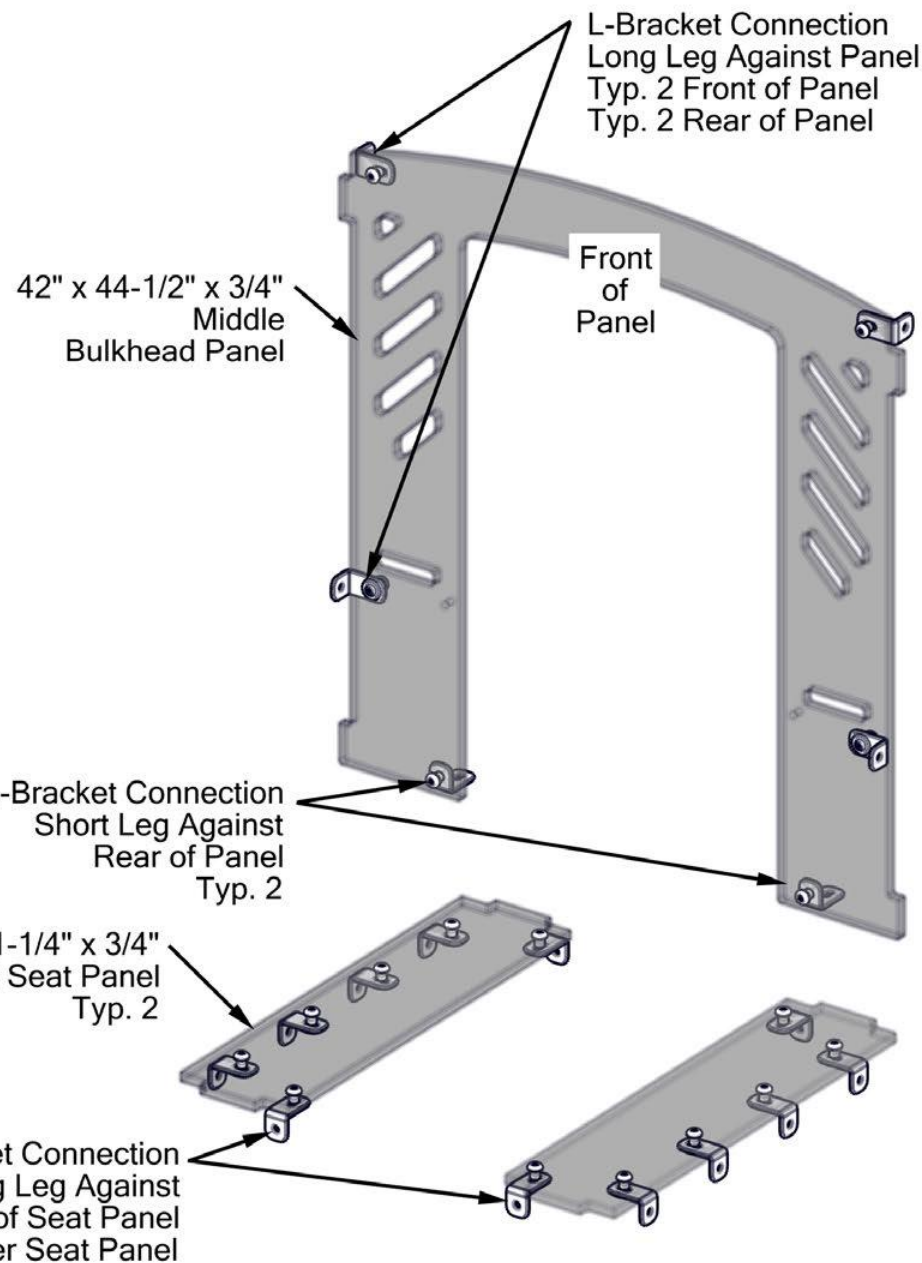
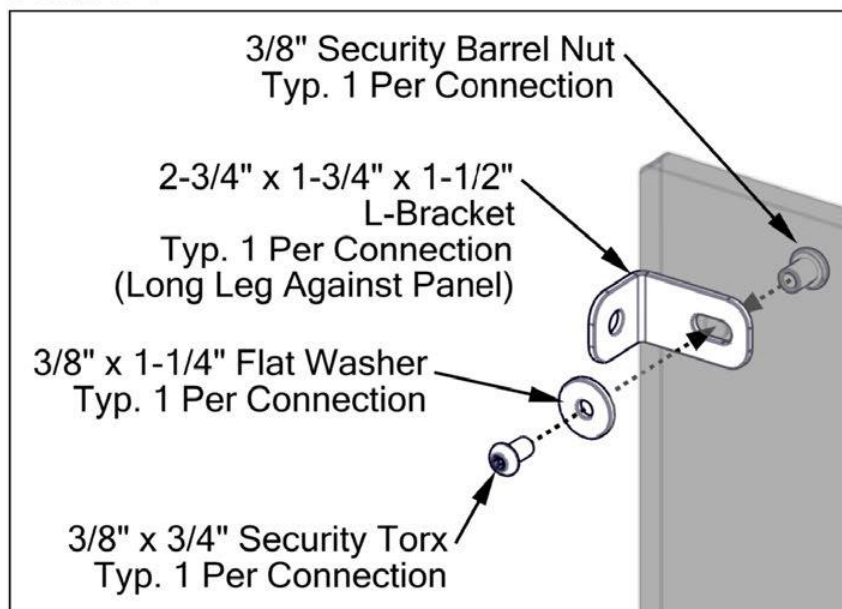
Detail 5-1

INSTALLATION GUIDELINE

STEP 6

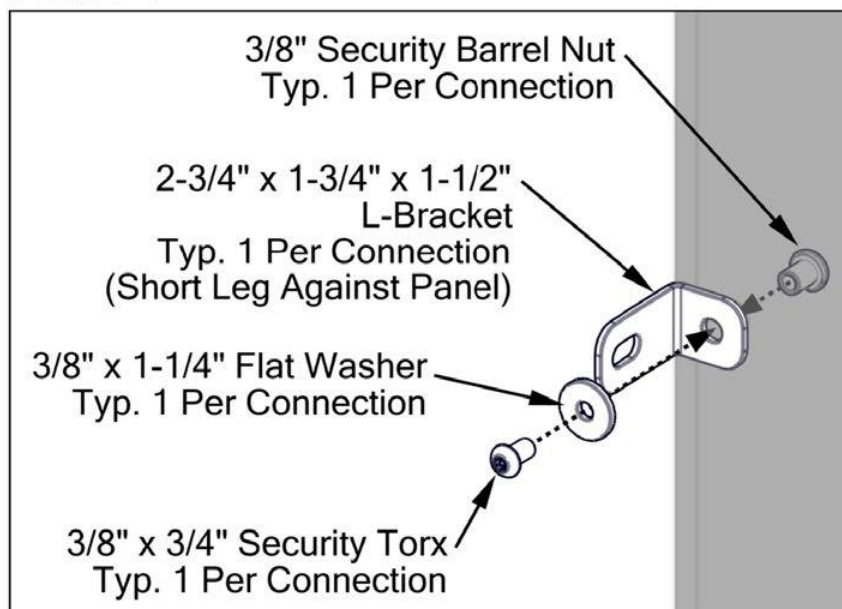
Secure six (6) 2-3/4" x 1-3/4" x 1-1/2" L-brackets to rear bulkhead panel. Top two (2) L-brackets connect long leg to rear of panel. Middle two (2) L-brackets connect long leg to front of panel. Bottom two (2) L-brackets connect short leg to rear of panel. Secure six (6) 2-3/4" x 1-3/4" x 1-1/2" L-brackets each to bottoms of two (2) rear seat panels. Long leg of L-brackets connect to bottom of panels. For each L-bracket connection, insert one (1) 3/8" security barrel nut into opposite side of panel. Secure each L-bracket to panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 6-1 for common connection. Repeat for all brackets and panels shown at right.

Detail 6-1

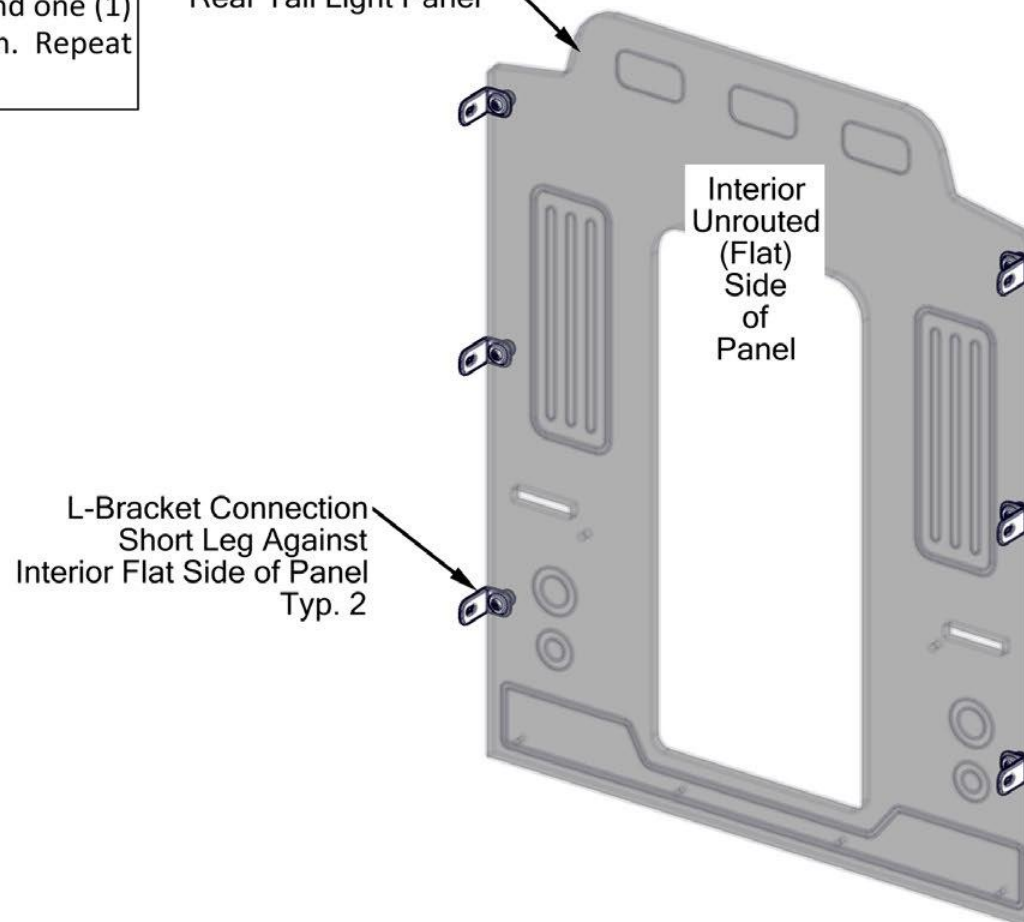


STEP 7

Secure six (6) 2-3/4" x 1-3/4" x 1-1/2" L-brackets to interior flat side of rear tail light panel. All six (6) L-brackets connect short leg to interior flat side of rear tail light panel. For each L-bracket connection, insert one (1) 3/8" security barrel nut into exterior routed side of panel. Secure each L-bracket to panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 7-1 for common connection. Repeat for all brackets shown at right.

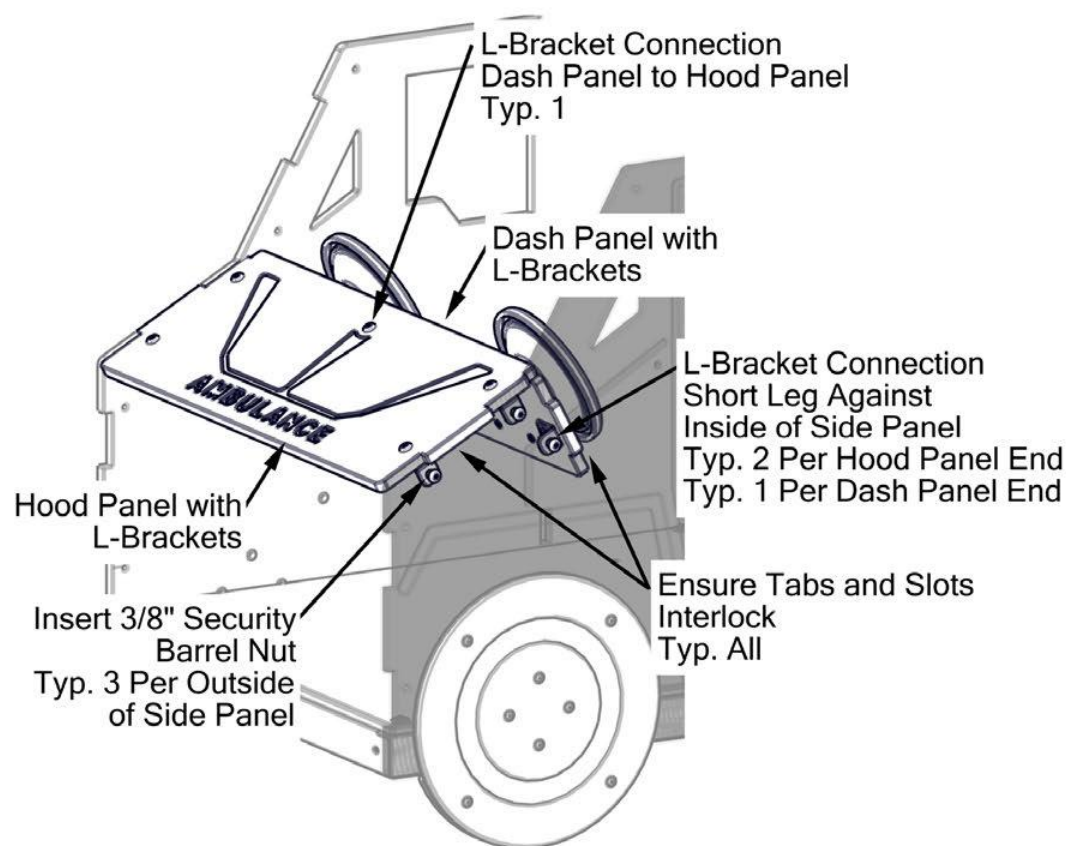
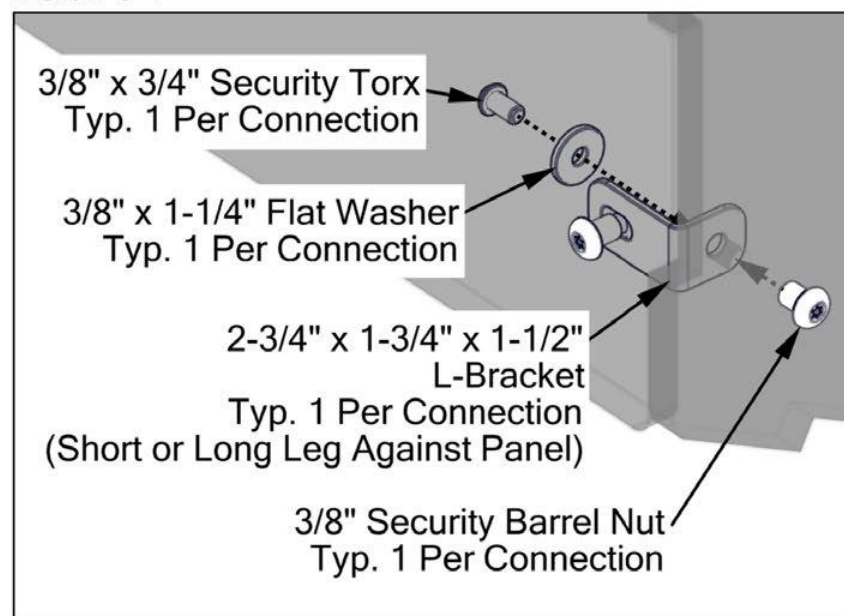
Detail 7-1

40-3/8" x 53" x 3/4"
Rear Tail Light Panel



STEP 8

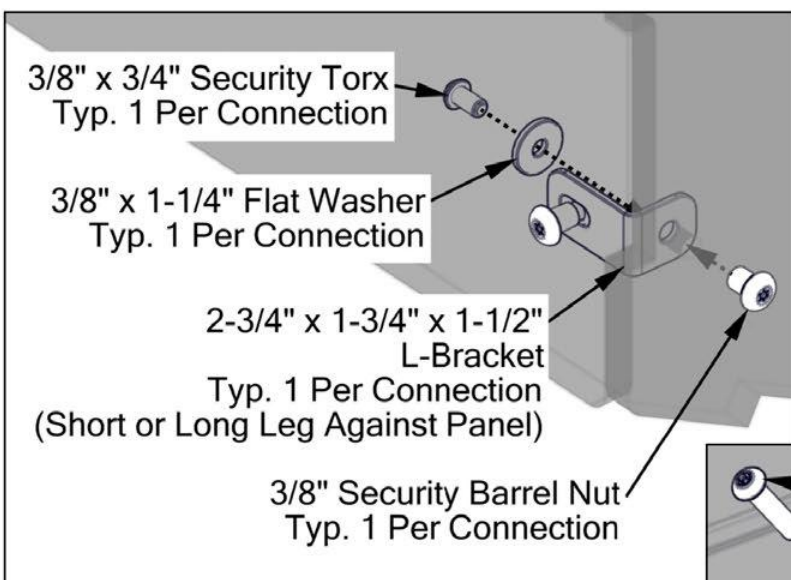
Place dash panel between side panels. Ensure dash tabs interlock with side panels slots. Insert one (1) 3/8" security barrel nut into outside of each side panel. Secure each L-bracket to side panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 8-1 for common connection. Place hood panel between side panels. Ensure hood tabs interlock with side panel slots. Insert two (2) 3/8" security barrel nuts into outside of each side panel. Secure each L-bracket to side panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 8-1 for common connection. Insert one (1) 3/8" security barrel nut into top middle of hood panel. Secure middle L-bracket on dash panel to hood panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 8-1 for common connection.

Detail 8-1

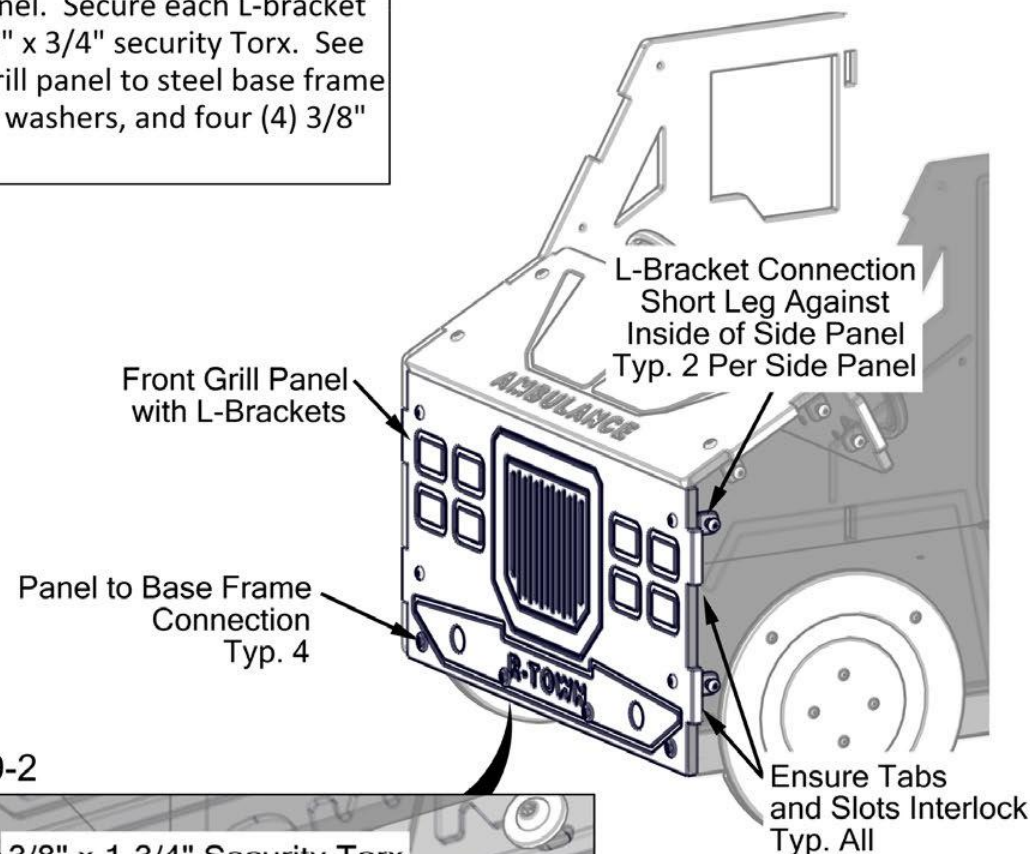
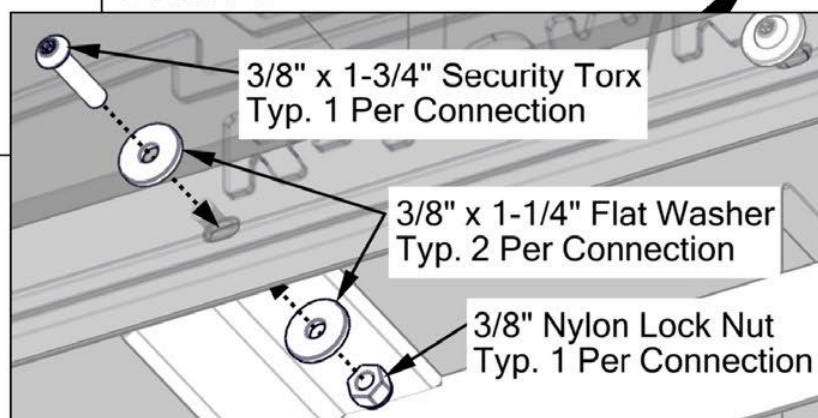
STEP 9

Place front grill panel between side panels. Ensure grill tabs interlock with side panels slots. Insert two (2) 3/8" security barrel nuts into outside of each side panel. Secure each L-bracket to side panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 3/4" security Torx. See Detail 9-1 for common connection. Secure bottom edge of front grill panel to steel base frame with four (4) 3/8" x 1-3/4" security Torx, eight (8) 3/8" x 1-1/4" flat washers, and four (4) 3/8" Nylon lock nuts. See Detail 9-2 for common connection.

Detail 9-1



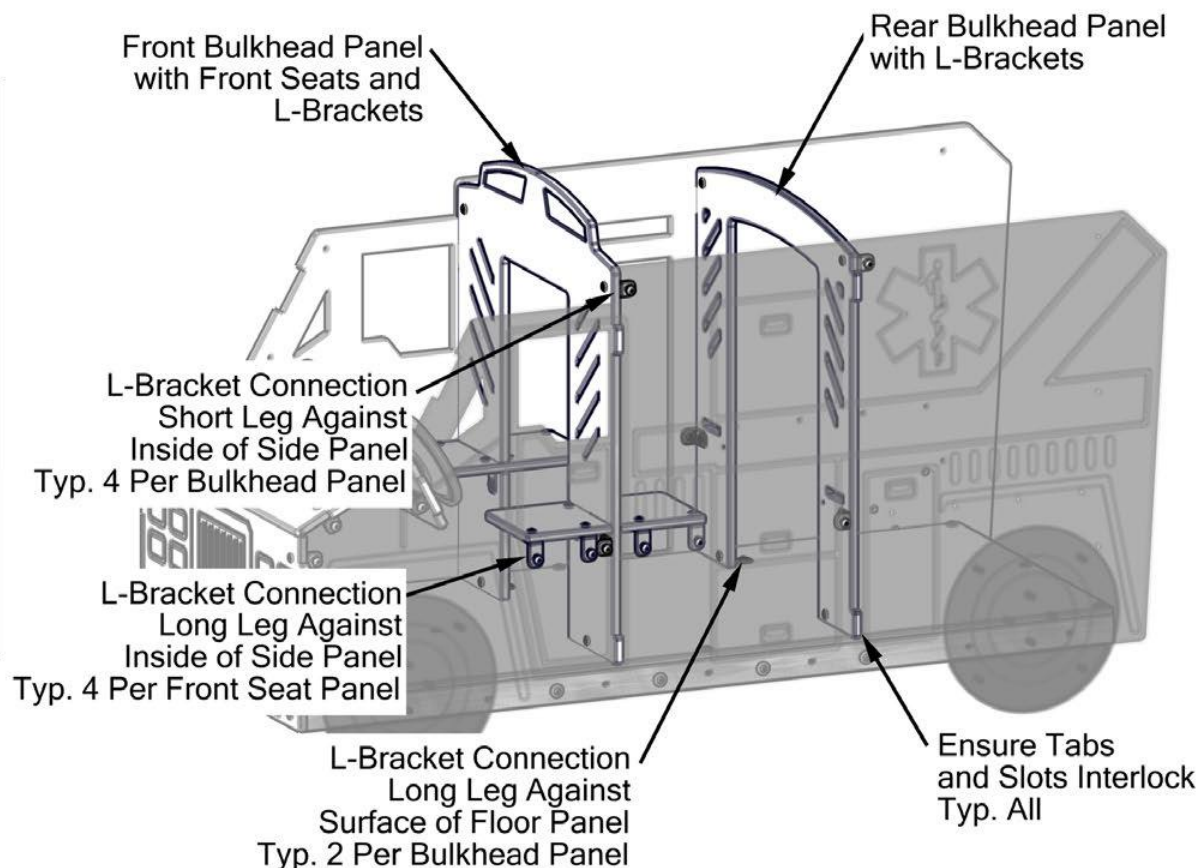
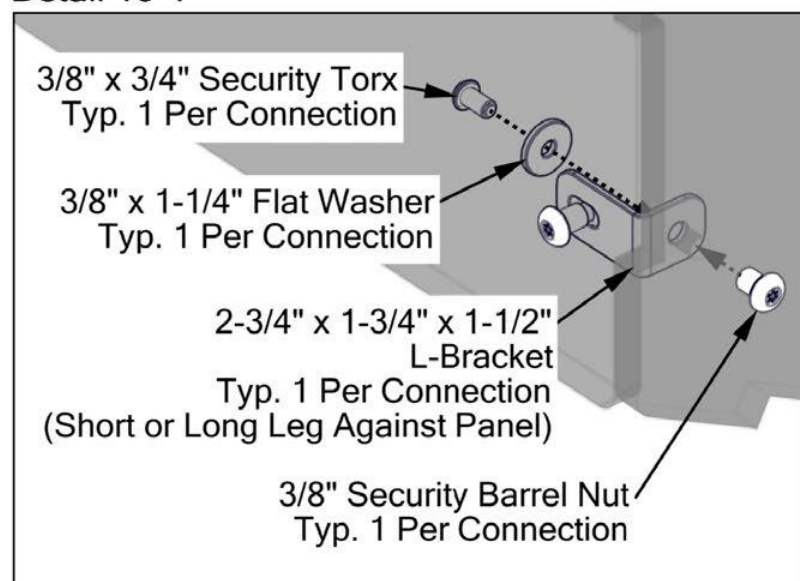
Detail 9-2



STEP 10

Place front bulkhead panel with seat panels between side panels. Place rear bulkhead panel between side panels. Ensure all bulkhead panel tabs interlock with side panel slots. Secure all L-brackets to side panels. See Detail 10-1 for common connection. Floor panel should have four (4) 3/8" security barrel nuts inserted into bottom of panel. Secure bottom brackets on bulkhead panels to floor. See Detail 10-1 for common connection.

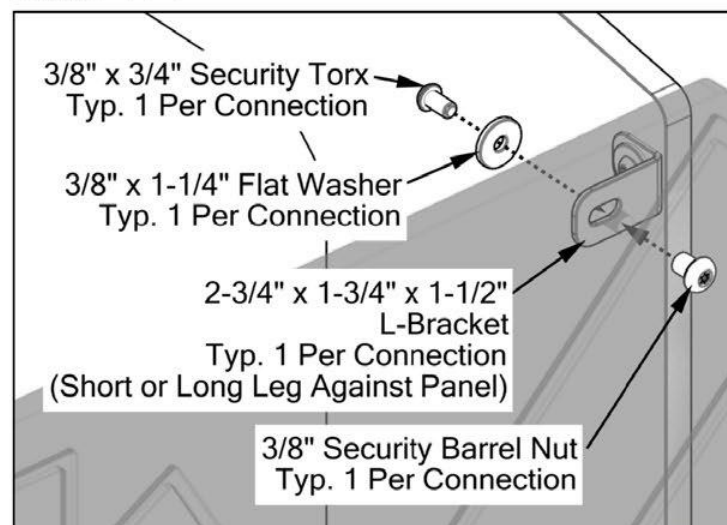
Detail 10-1



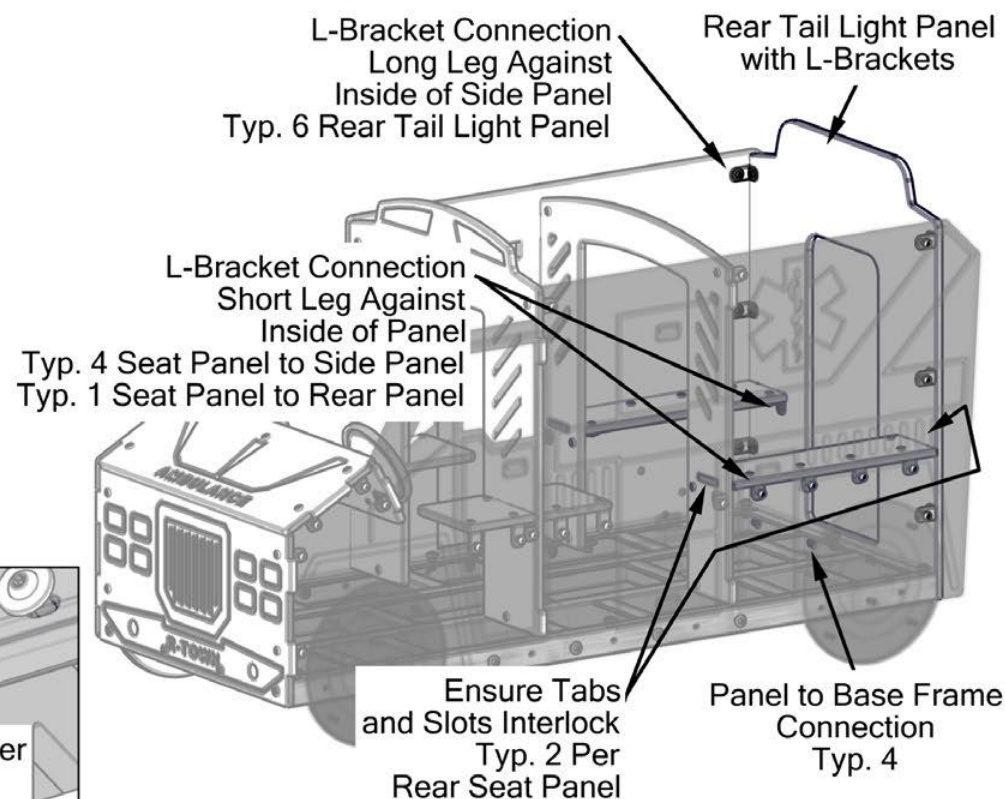
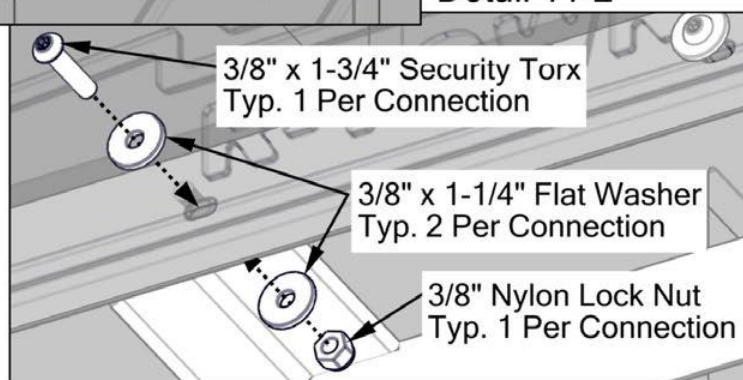
STEP 11

For each rear seat panel, insert tab on end of seat into slot in rear bulkhead panel. Repeat for opposite rear seat panel. Place rear tail light panel between side panels. Tabs on opposite ends of rear seat panels should insert into slots in rear tail light panel. Secure six (6) rear tail light L-brackets to side panels. For each rear seat panel, secure four (4) L-brackets connections to side panel. For each rear seat panel, secure one (1) L-bracket connection to rear tail light panel. See Detail 11-1 for common connection. Secure bottom edge of rear tail light panel to steel base frame with four (4) 3/8" x 1-3/4" security Torx, eight (8) 3/8" x 1-1/4" flat washers, and four (4) 3/8" Nylon lock nuts. See Detail 11-2 for common connection.

Detail 11-1



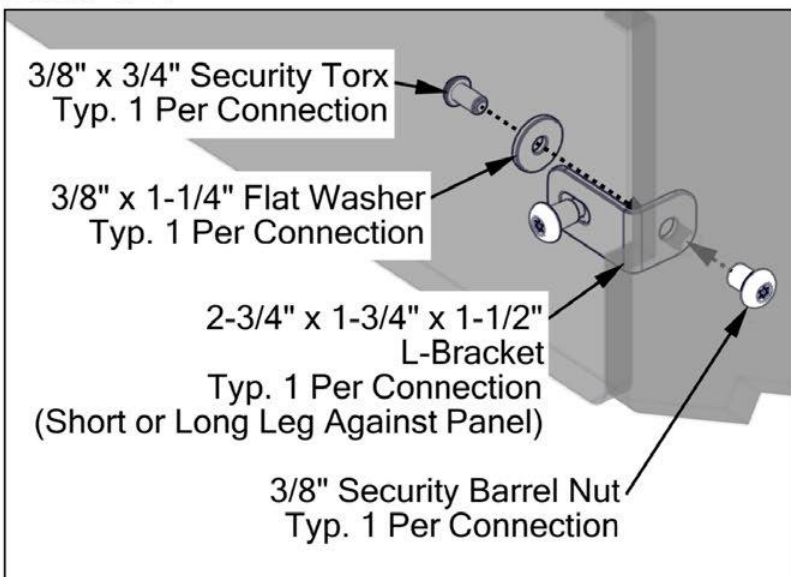
Detail 11-2



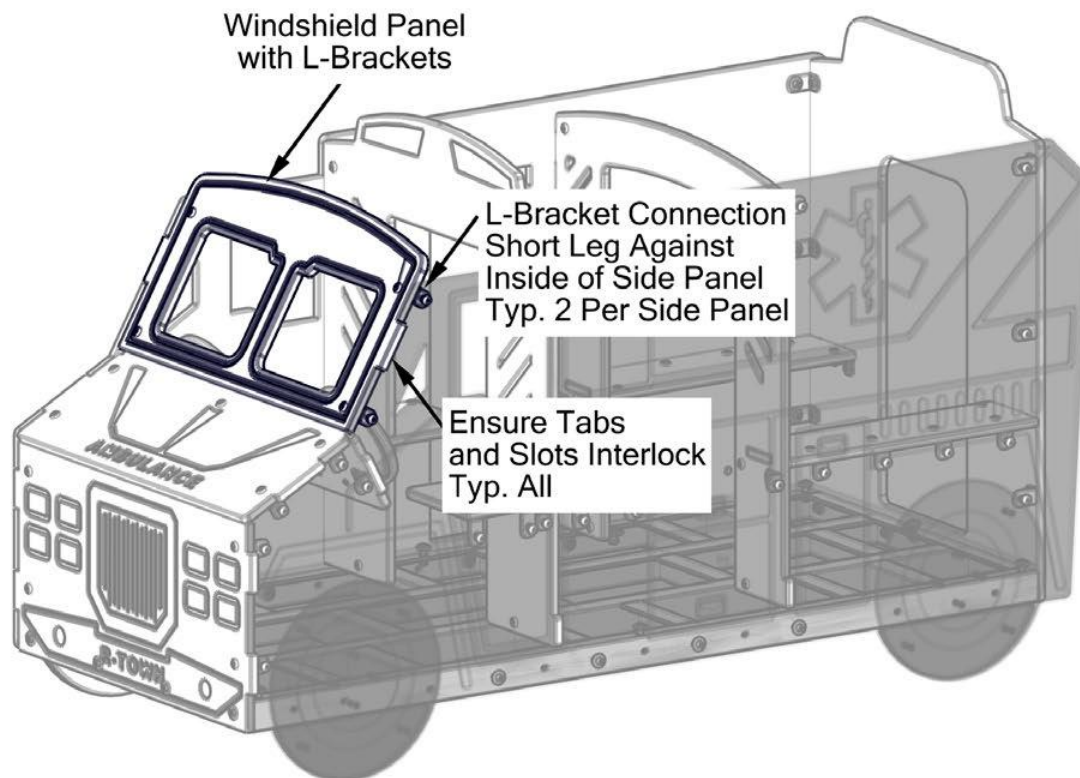
STEP 12

Place windshield panel between side panels. Ensure windshield tabs interlock with side panels slots. Insert two (2) 3/8" security barrel nuts into outside of each side panel. Secure four (4) L-bracket connections to side panels. Detail 12-1 for common connection. **TIGHTEN ALL LOOSE HARDWARE NOW.**

Detail 12-1



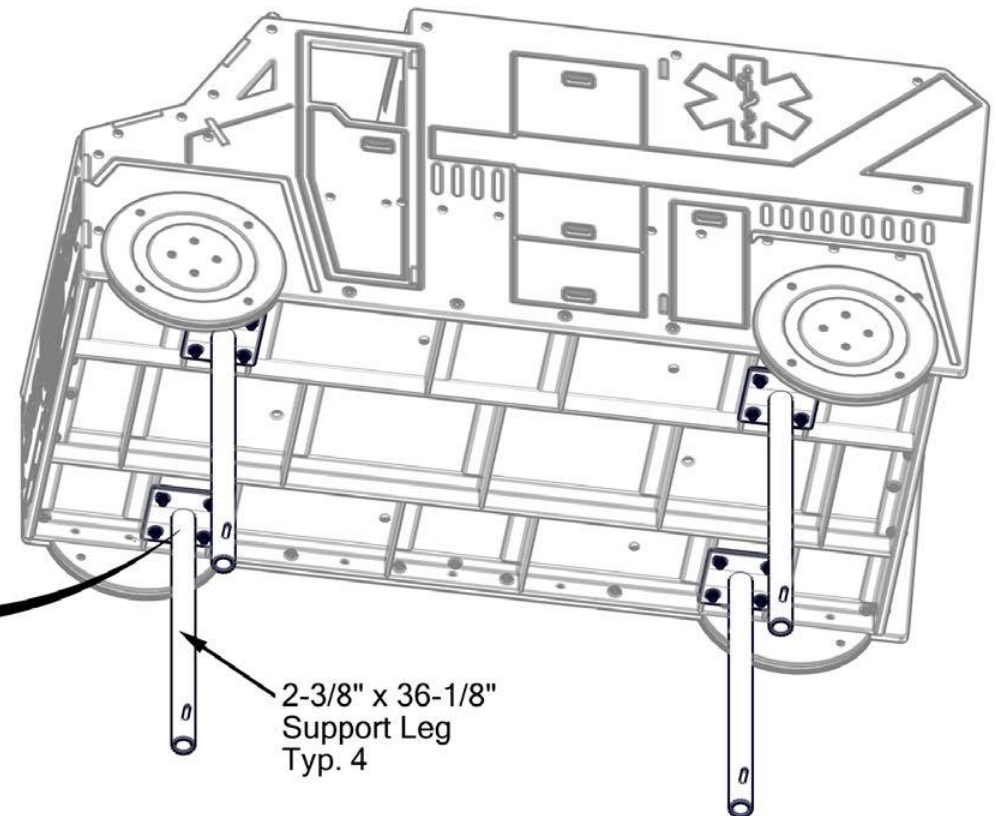
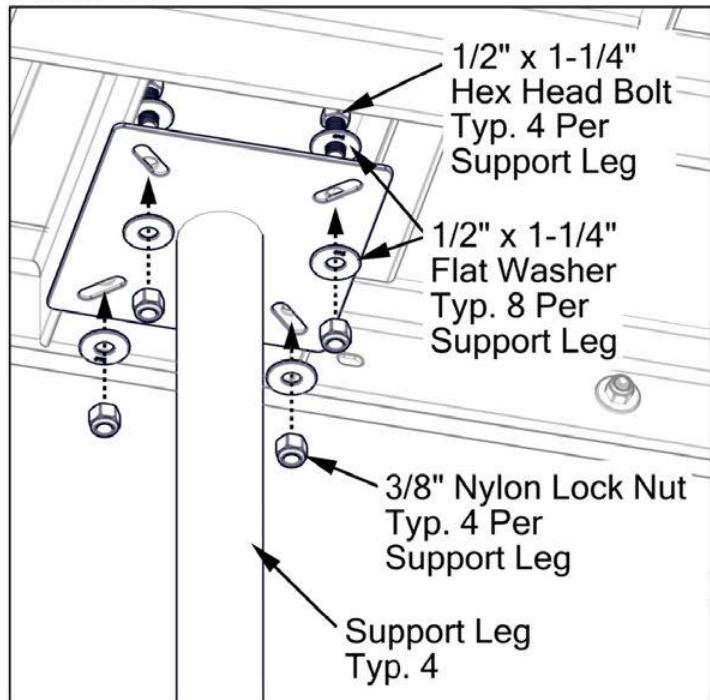
**** TIGHTEN ALL HARDWARE NOW ****



STEP 13

Mount four (4) support legs to bottom of steel base frame. At each mounting plate on base frame, insert four (4) 1/2" x 1-1/4" hex head bolts into top of mounting plate. Secure leg to frame with eight (8) 1/2" x 1-1/4" flat washers, and four (4) 1/2" Nylon lock nuts. See Detail 13-1. Repeat for all support legs.

Detail 13-1



STEP 14

Prepare footing holes. Refer to site plan drawing and site elevation drawing for placement of all support posts. Installer is responsible for proper location of all support posts. Footing hole spacing is shown at right. Footing holes for support posts must be 12" diameter and 24" deep plus 12" surfacing. If surfacing is less than 12", deepen footing holes as needed. Place vehicle assembly into footing holes. Ensure vehicle is level in all directions. Fill footing holes with concrete to within 3" from ground surface. Allow concrete to cure based upon manufacturer's instructions. Backfill footing holes with dirt, flush with grade. See Detail 14-1 for footing hole details. Check all connections and ensure structure is stable. All concrete must be fully cured before use of structure. Installation is complete. Place one (1) Age Appropriate Sticker on structure in a clearly visible location.

Detail 14-1
