

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

RECOMMENDED CREW: 2-3 People

TOOLS REQUIRED:

- TT-45 Torx, 3/4" Hex
- Level, Square, Hammer / Mallet
- Auger / Post Hole Digger / Shovel
- Drill Bits: None
- 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: 714 lbs.

CONCRETE REQUIRED: (8.8) 80lb. bags - 5.3 ft³

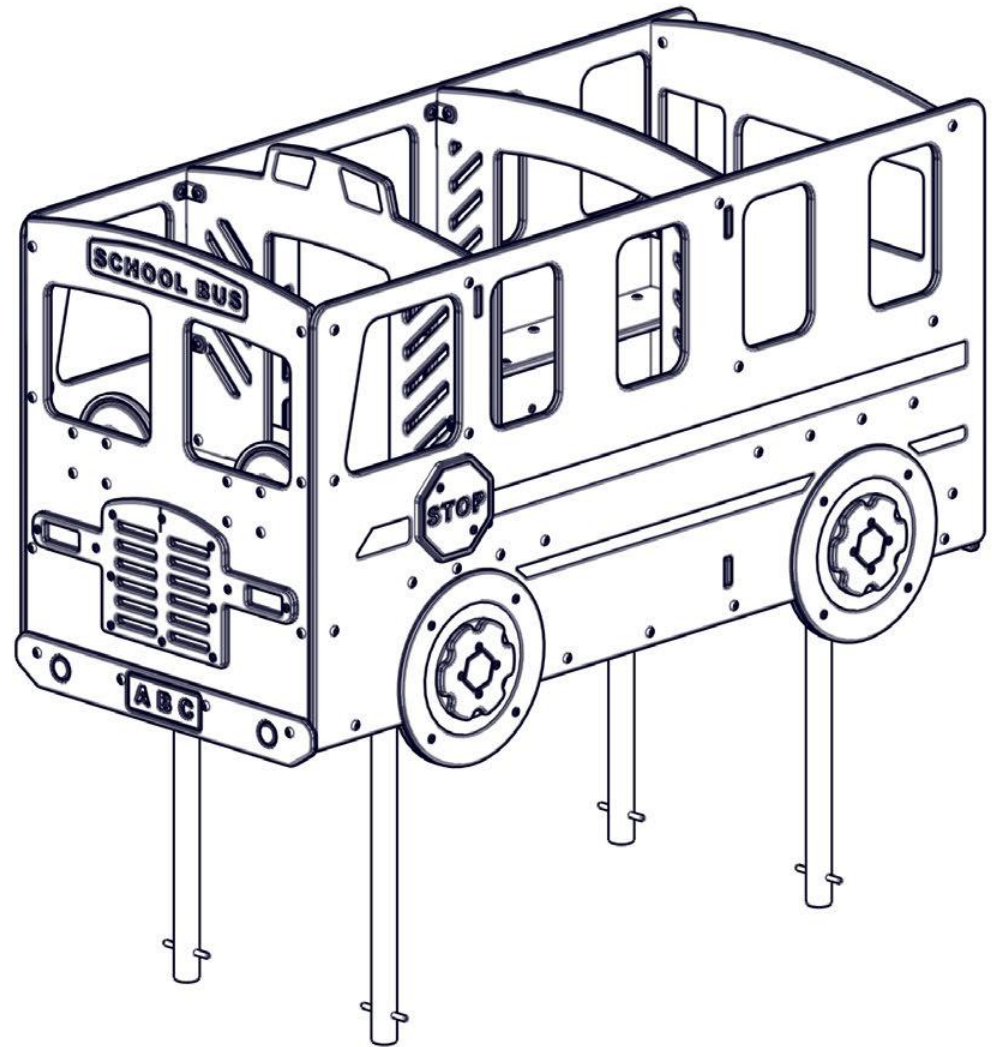
NOTE: Concrete must have a minimum rating of 2,500 psi and must be mixed per manufacturer's recommendations.

PRE-INSTALLATION CHECK:

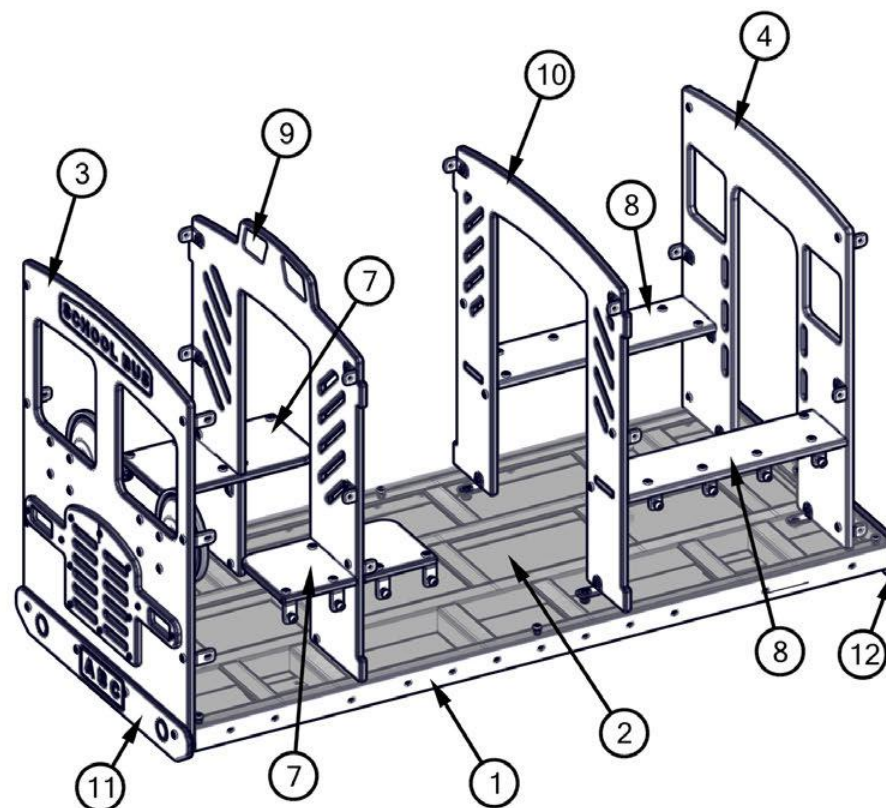
Customer is responsible for verifying materials received by comparing received items with packing list. If any parts are missing or damaged, including documentation, contact your local sales representative immediately.

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

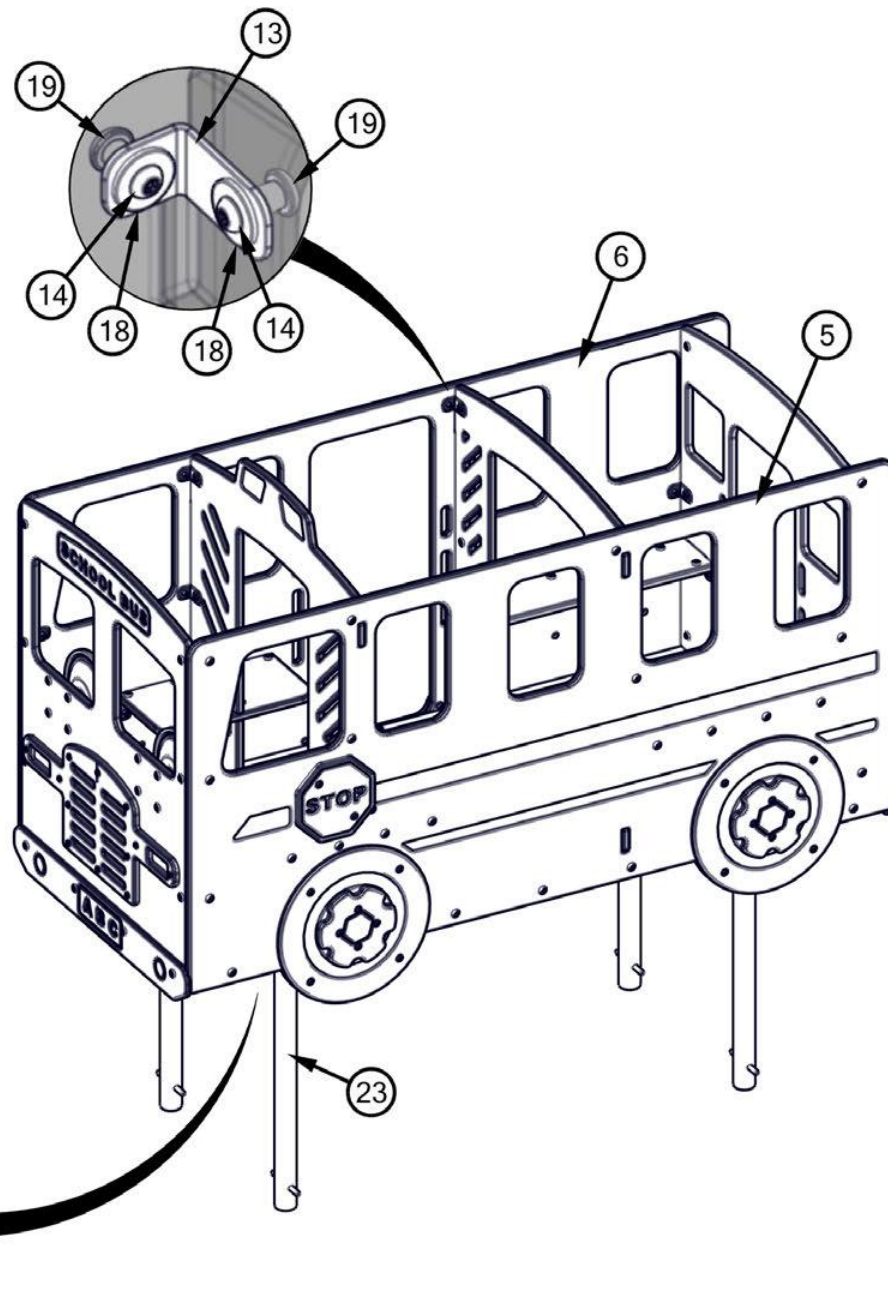
Before beginning installation, all installers must read and understand the Installation Introduction manual as supplied. If you did not receive a copy, or if you have any questions regarding any information in the Installation Instructions or this Installation Guideline, contact your local sales representative.



ITEM	Part No.	QTY	DESCRIPTION
1	20-0620PC	1	Dynamic Vehicle Angle Base (Coated)
2	RSP-7483XX	1	Sheet - GFP Textured School Bus Base Panel (Black)
3	RSA-0165XX	1	Pre-Assem. GFP School Bus Front Steering Wheel Panel
4	RSP-0476XX	1	Sheet - GFP School Bus Rear Panel
5	RSA-0169XX	1	Pre-Assem. GFP School Bus Main Left Panel
6	RSA-0167XX	1	Pre-Assem. GFP School Bus Main Right Panel
7	RSP-0494XX	2	Sheet - GFP School Bus Front Seat
8	RSP-0432XX	2	Sheet - GFP Firetruck Rear Seat Panel
9	RSP-0506XX	1	Sheet - GFP School Bus Front Bulkhead Panel
10	RSP-0495XX	1	Sheet - GFP School Bus Rear Bulkhead Panel
11	RSP-0491-01	1	Sheet - GFP School Bus Front Bumper Panel
12	RSP-0471-01	1	Sheet - GFP School Bus Rear Bumper Panel
13	30318103XX	50	L-Bracket 2-3/4" x 1-3/4" x 1-1/2" (Coated)
14	HWB0315	119	Bolt 3/8"-16 x 3/4" TORX Security with Patch
15	HWB0210	2	Bolt - 3/8"-16 x 1" Security Torx With Patch
16	HWB0222	3	Bolt 3/8"-16 x 1-1/2" TORX Security with Patch SS
17	HWB0286	4	Bolt 3/8"-16 x 1-1/4" TORX Security with Patch
18	HWWR0092	128	Washer 3/8" ID x 1-1/4" OD x 0.12 thick Flat SS
19	HWN0128	128	Nut 3/8"-16 302 SS TORX Barrel
20	HWB0578	16	Bolt 1/2"-13 x 1 1/4" HH SS
21	HWWR0022	32	Washer 1/2" ID x 1 1/4" Flat Washer 316SS
22	HWN0025	16	Nut 1/2"-13 - Nylock - 316SS
23	AFB-41908XX	4	Weldment - Dynamic Vehicle Inground Mount

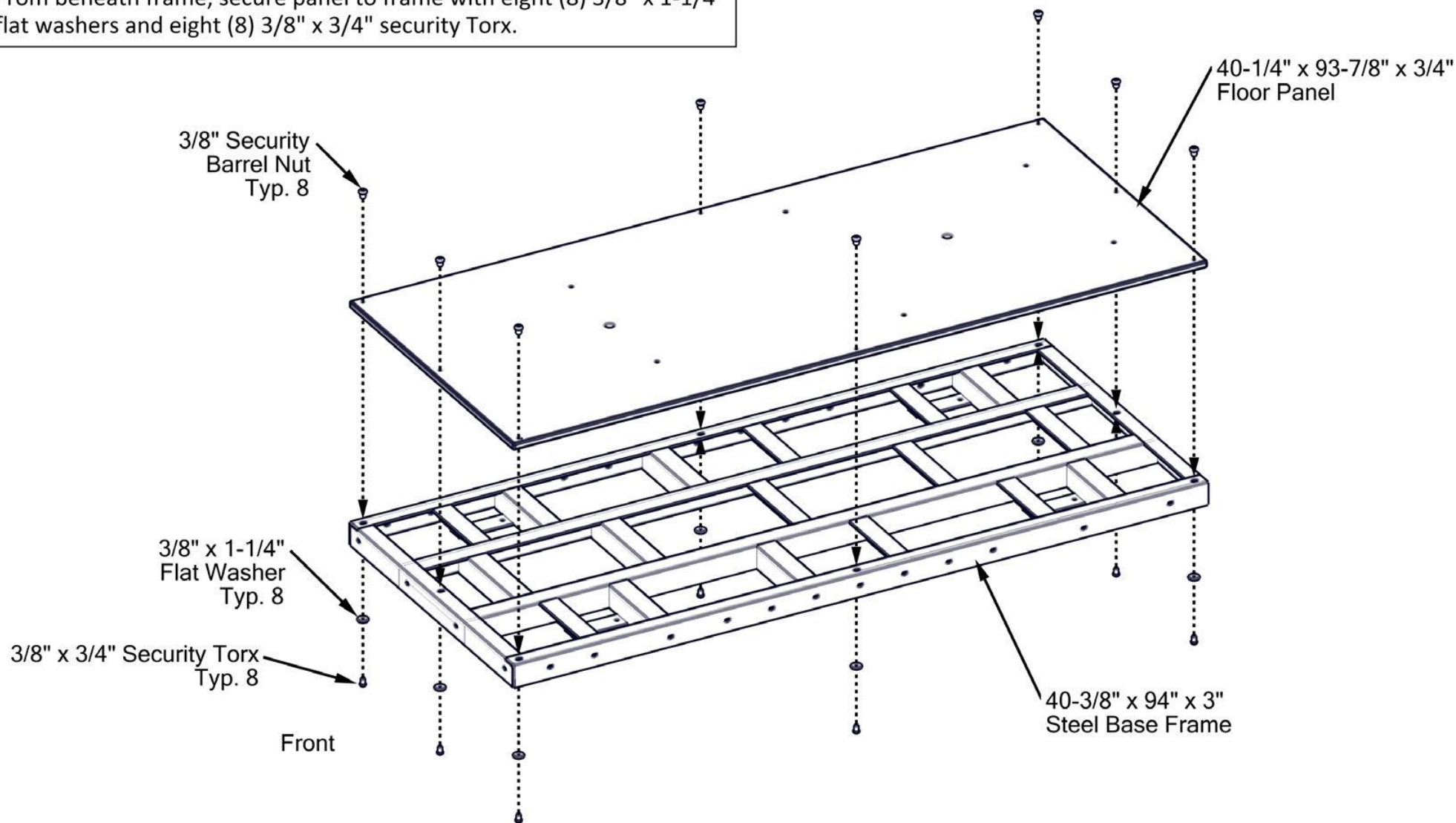


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STEP 1

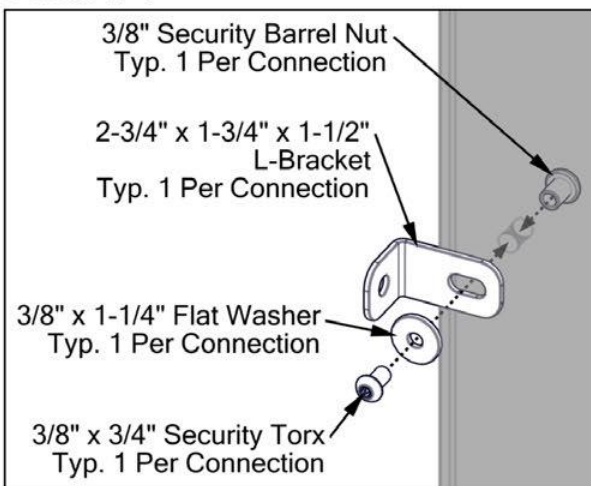
Mount floor panel to base frame. Textured side of floor panel should face up. Insert eight (8) 3/8" security barrel nuts into top of floor panel. From beneath frame, secure panel to frame with eight (8) 3/8" x 1-1/4" flat washers and eight (8) 3/8" x 3/4" security Torx.



STEP 2

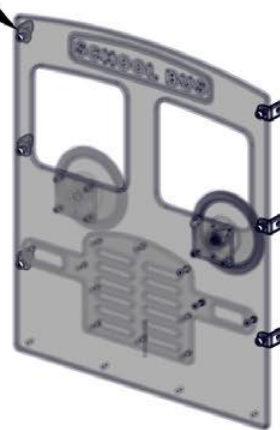
Mount multiple 2-3/4" x 1-3/4" x 1-1/2" L-brackets to multiple panels. Secure each L-bracket to each panel with one (1) 3/8" security barrel nut, one (1) 3/8" x 1-1/4" flat washer, and one (1) 3/8" x 3/4" security Torx. See Detail 2-1 for common connection. See notes below for which leg of L-bracket (short or long) should be flush against panel.

Detail 2-1



(6) L-Brackets
Short Leg Against
Rear of Panel

Front Panel



Rear Panel

(4) L-Brackets
Long Leg Against
Rear of Panel

(2) L-Brackets
Long Leg Against
Front of Panel

(2) L-Brackets
Short Leg Against
Front of Panel



Bench Seat Panel
Typ. 2 Identical



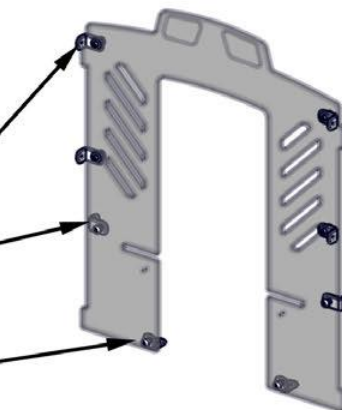
(6) L-Brackets
Long Leg Against
Bottom of Panel

Front Bulkhead Panel

(4) L-Brackets
Long Leg Against
Front of Panel

(2) L-Brackets
Long Leg Against
Rear of Panel

(2) L-Brackets
Short Leg Against
Rear of Panel

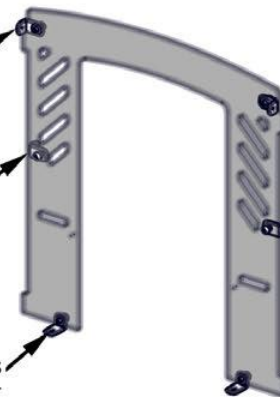


Rear Bulkhead Panel

(2) L-Brackets
Long Leg Against
Front of Panel

(2) L-Brackets
Long Leg Against
Rear of Panel

(2) L-Brackets
Short Leg Against
Front of Panel



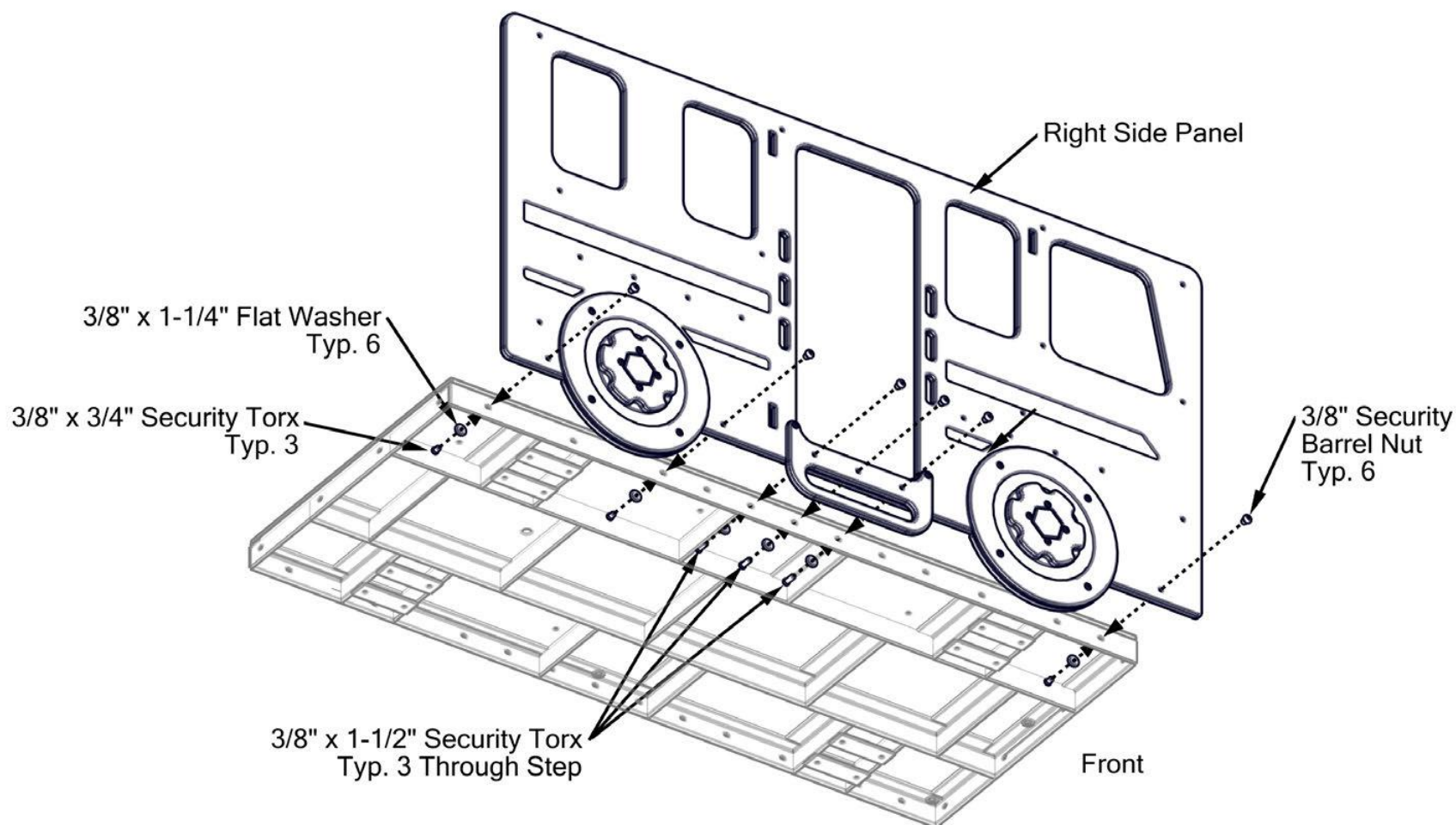
Split Seat Panel
Typ. 2 Identical



(6) L-Brackets
Short Leg Against
Bottom of Panel

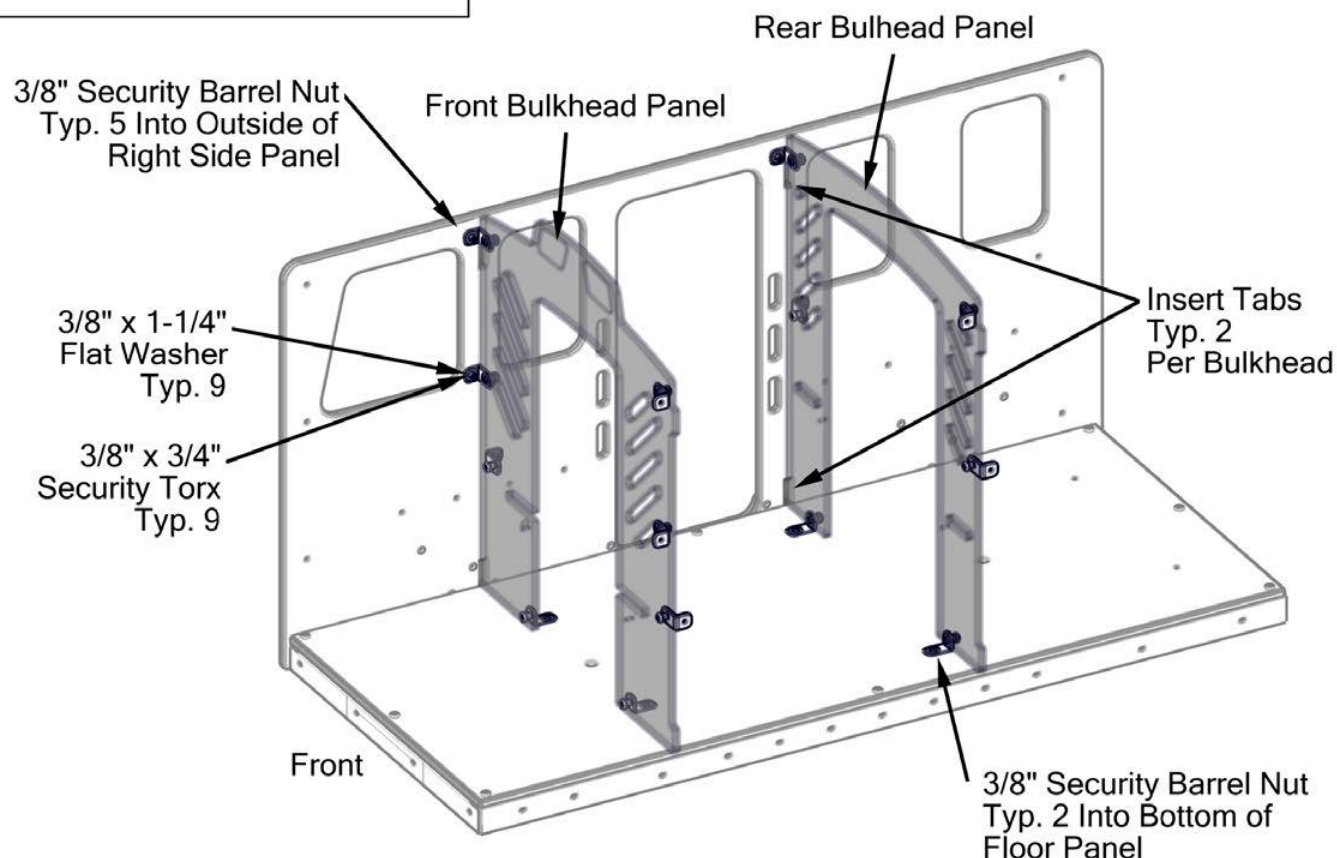
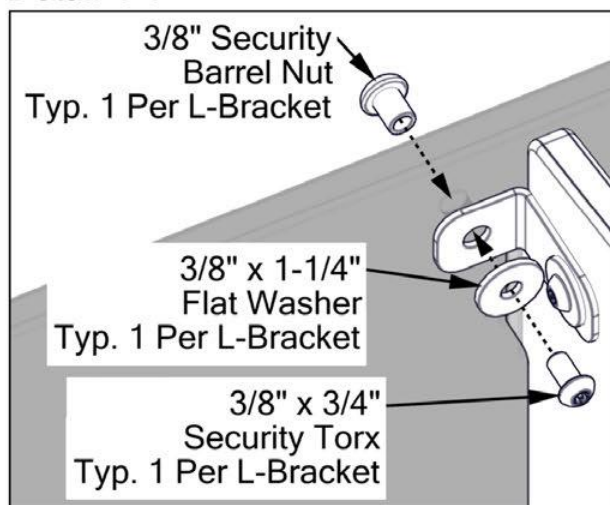
STEP 3

Mount right side panel to base frame. Insert six (6) 3/8" security barrel nuts into outside of right side panel. From beneath frame, secure panel to frame with six (6) 3/8" x 1-1/4" flat washers, three (3) 3/8" x 3/4" security Torx through single panel only, and three (3) 3/8" x 1-1/2" security Torx through step.



STEP 4

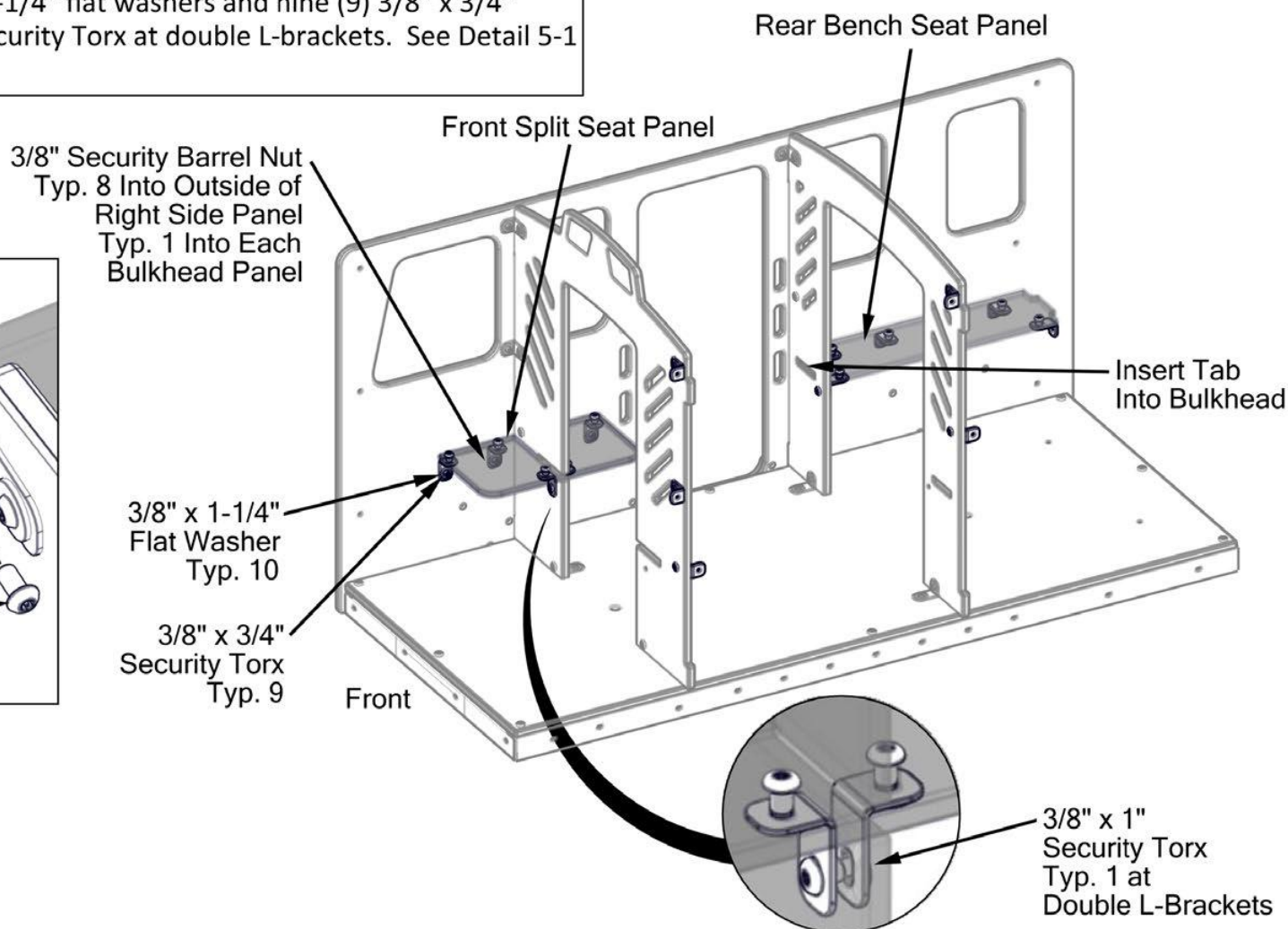
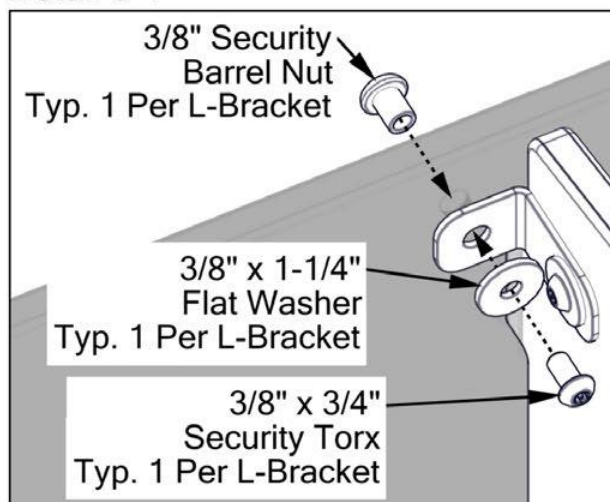
Mount front bulkhead panel and rear bulkhead panel to right side panel and to floor panel. Insert tabs on bulkhead panels into slots in right side panel. Insert five (5) 3/8" security barrel nuts into outside of right side panel. Insert four (4) 3/8" security barrel nuts into bottom of floor panel. Secure bulkhead panels to right side panel and floor panel with eight (8) 3/8" x 1-1/4" flat washers and eight (8) 3/8" x 3/4" security Torx. See Detail 4-1 for common connection.

Detail 4-1

STEP 5

Mount front split seat panel and rear bench seat panel to right side panel and to bulkhead panels. Interlock slots in front bulkhead panel and front split seat panel. Insert tab on rear bench seat panel into slot in rear bulkhead panel. Insert eight (8) 3/8" security barrel nuts into outside of right side panel. Insert one (1) 3/8" security barrel nut into each bulkhead panel. Secure seat panels to right side panel and both bulkhead panels with ten (10) 3/8" x 1-1/4" flat washers and nine (9) 3/8" x 3/4" security Torx. Use one (1) 3/8" x 1" security Torx at double L-brackets. See Detail 5-1 for common connection.

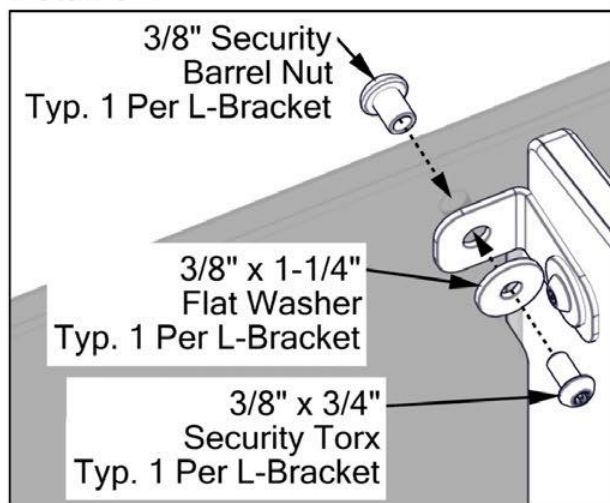
Detail 5-1



STEP 6

Mount front panel and rear panel to right side panel and to floor panel. Insert tab on rear bench seat panel into slot in rear panel. Insert six (6) 3/8" security barrel nuts into outside of right side panel. Insert two (2) 3/8" security barrel nuts into bottom of floor panel. Insert one (1) 3/8" security barrel nut into rear of rear panel. Secure front panel and rear panel to right side panel and floor panel and rear bench seat panel with nine (9) 3/8" x 1-1/4" flat washers and nine (9) 3/8" x 3/4" security Torx. See Detail 6-1 for common connection.

Detail 6-1



3/8" Security Barrel Nut
Typ. 6 Into Outside of
Right Side Panel
Typ. 1 Into Outside of
Rear Panel

3/8" x 1-1/4"
Flat Washer
Typ. 10

3/8" x 3/4"
Security Torx
Typ. 10

Front Panel

Front

Insert Tab
Into Rear Panel

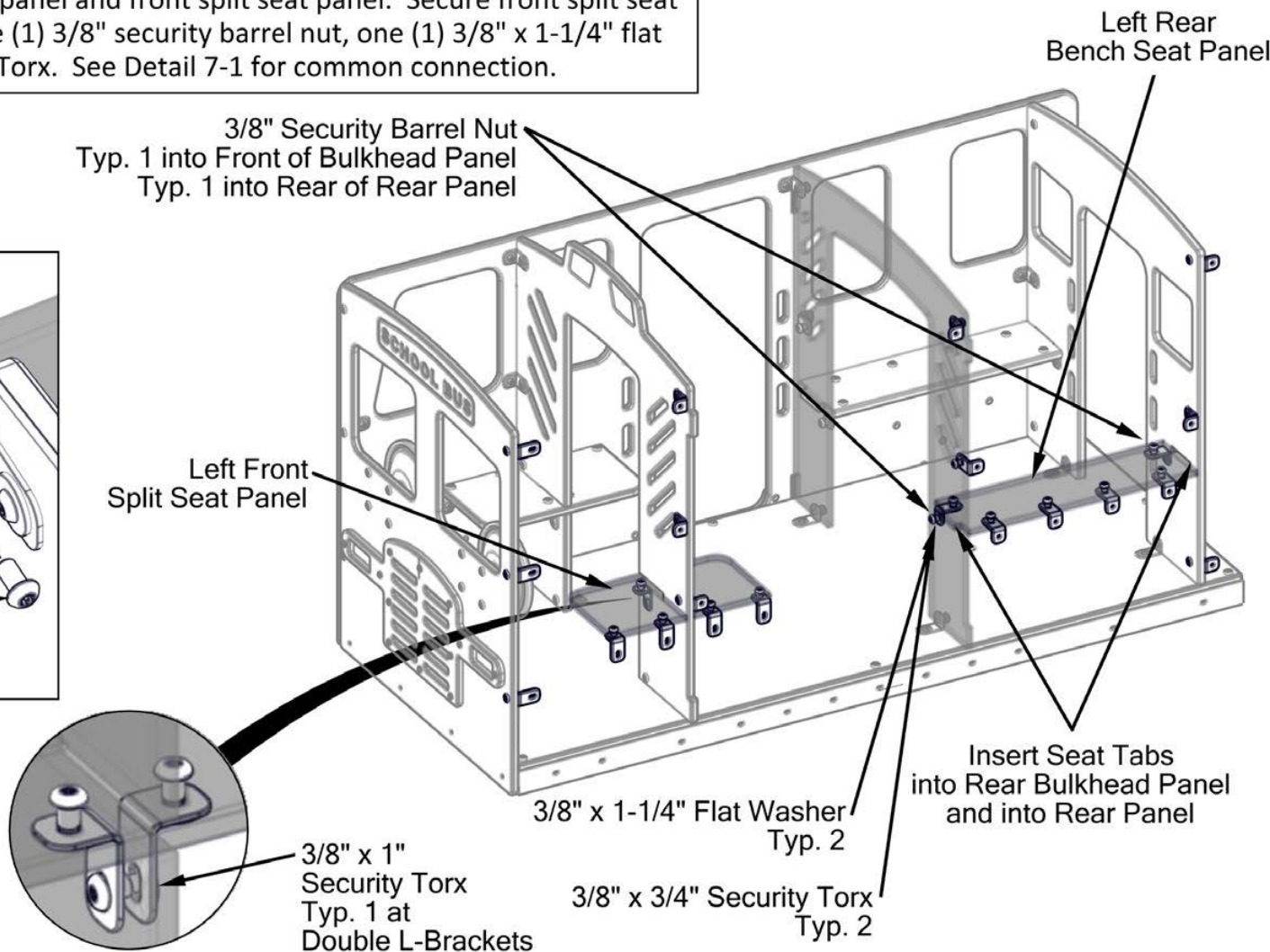
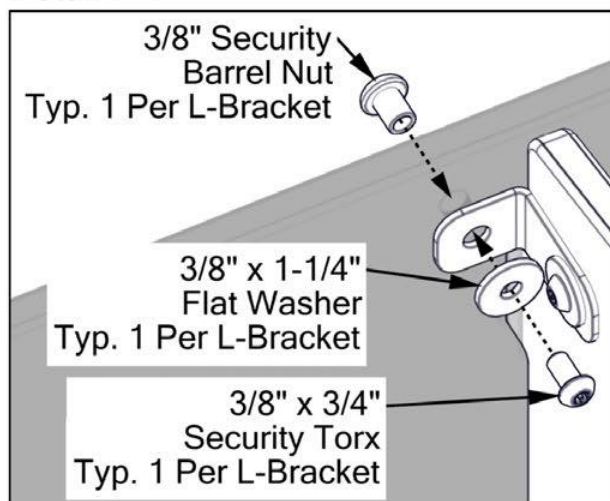
Rear Panel

3/8" Security Barrel Nut
Typ. 2 Into Bottom of
Floor Panel

STEP 7

Insert tabs on left rear bench seat panel into slot in rear bulkhead panel and slot in rear panel. Insert one (1) 3/8" security barrel nut into front of rear bulkhead panel. Insert one (1) 3/8" security barrel nut into rear of rear panel. Secure left rear bench seat panel to rear bulkhead panel and to rear panel with two (2) 3/8" x 1-1/4" flat washers and two (2) 3/8" x 3/4" security Torx. Interlock slots in front bulkhead panel and front split seat panel. Secure front split seat panel to front bulkhead panel with one (1) 3/8" security barrel nut, one (1) 3/8" x 1-1/4" flat washer, and one (1) 3/8" x 1" security Torx. See Detail 7-1 for common connection.

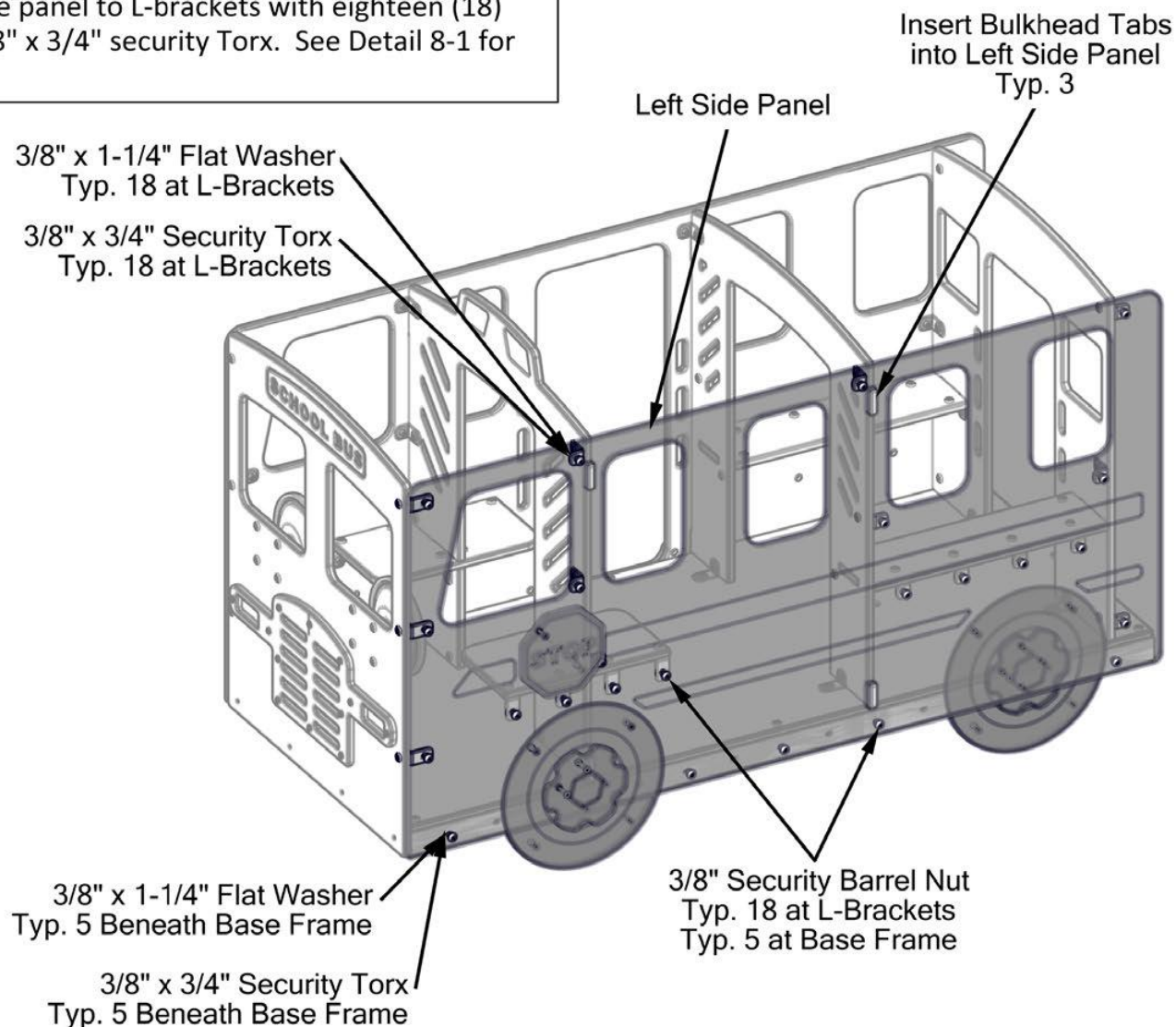
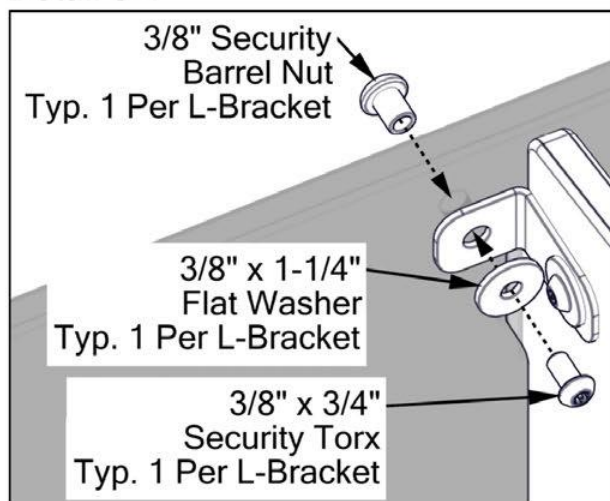
Detail 7-1



STEP 8

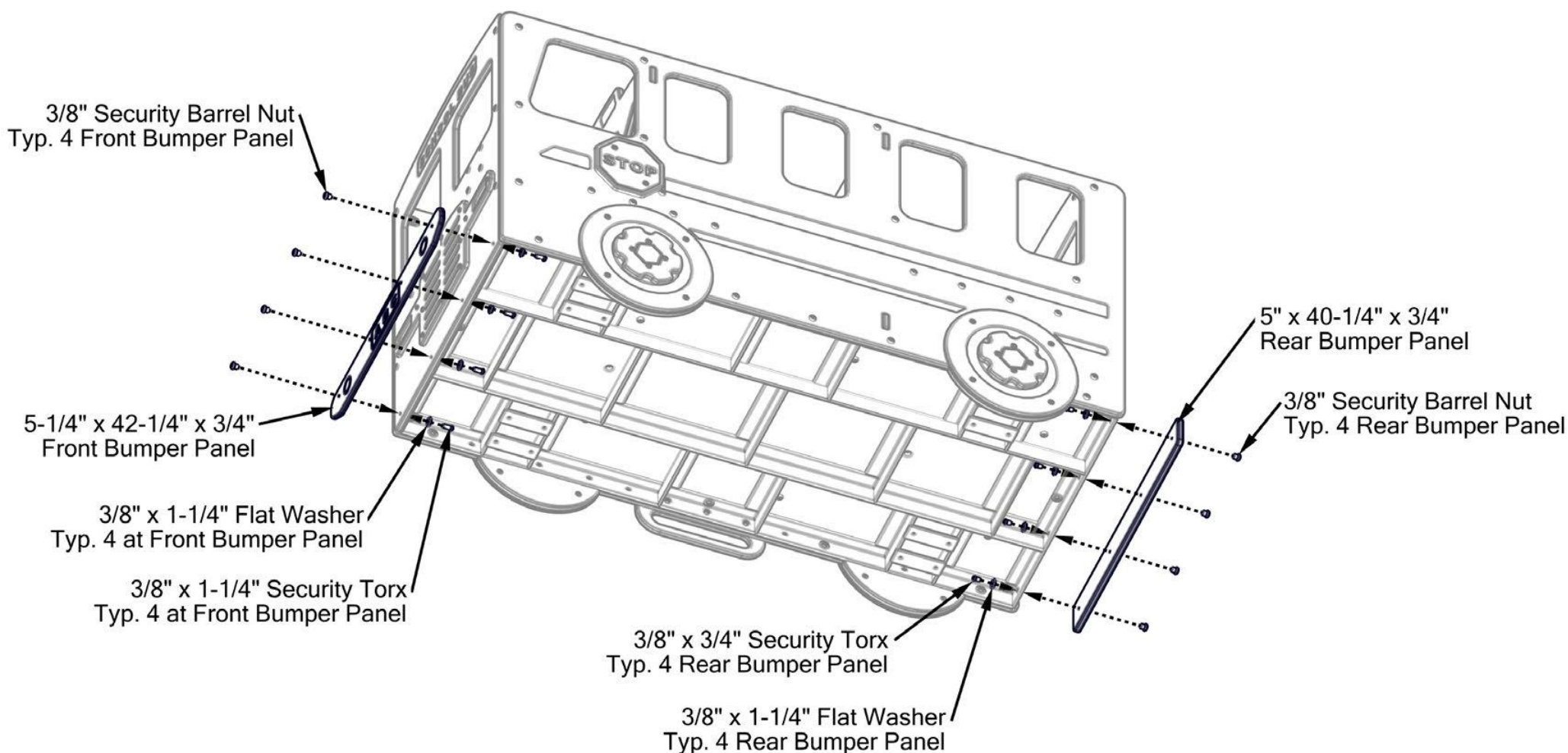
Place left side panel against L-brackets and base frame. Insert tabs on bulkhead panels into slots in left side panel. Insert twenty-three (23) 3/8" security barrel nuts into outside of left side panel. Secure left side panel to base frame with five (5) 3/8" x 1-1/4" flat washers and five (5) 3/8" x 3/4" security Torx. Secure left side panel to L-brackets with eighteen (18) 3/8" x 1-1/4" flat washers, and eighteen (18) 3/8" x 3/4" security Torx. See Detail 8-1 for common connection.

Detail 8-1



STEP 9

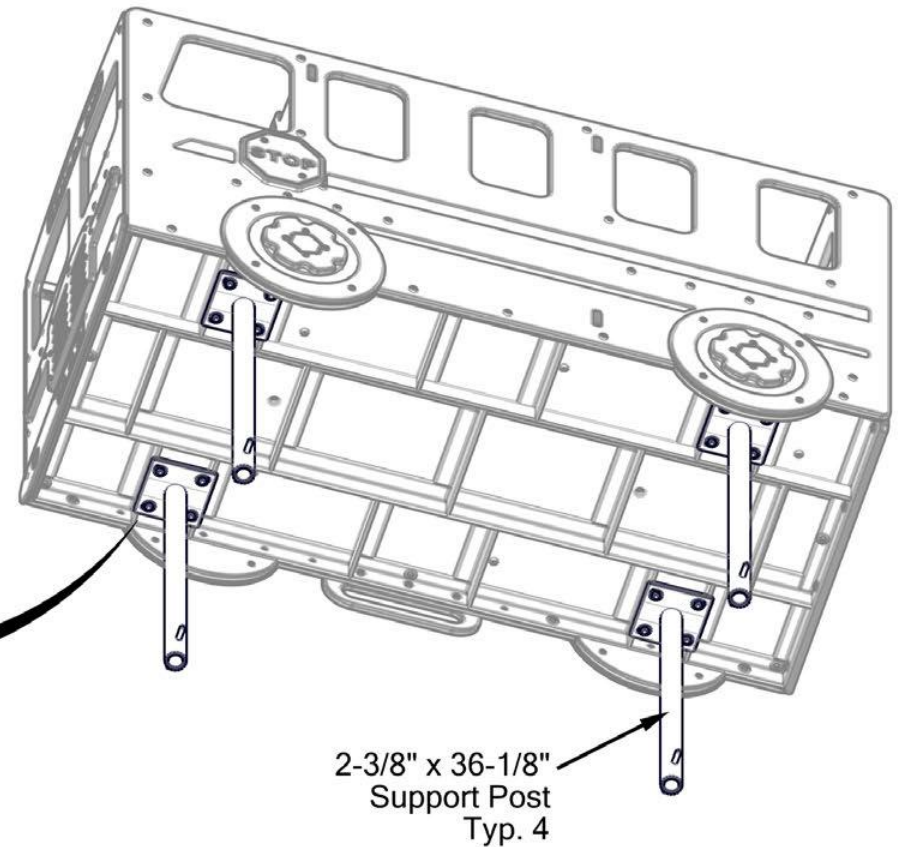
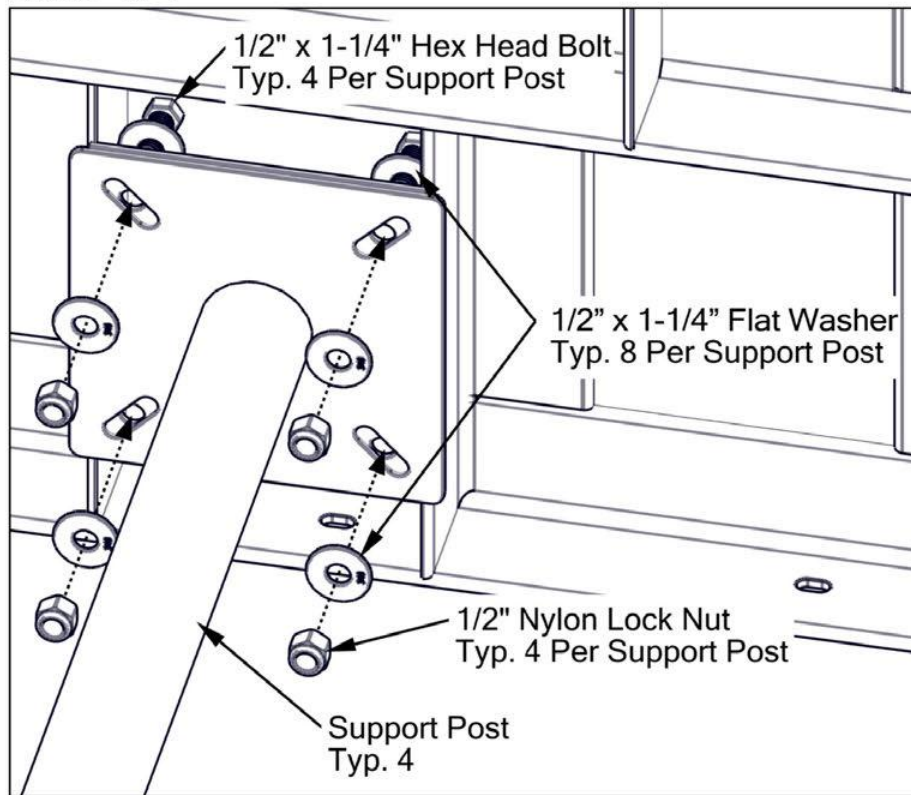
Mount front bumper panel and rear bumper panel to base frame. Insert four (4) 3/8" security barrel nuts into each bumper panel. Secure front bumper panel to base frame with four (4) 3/8" x 1-1/4" flat washers and four (4) 3/8" x 1-1/4" security Torx. Secure rear bumper panel to base frame with four (4) 3/8" x 1-1/4" flat washers and four (4) 3/8" x 3/4" security Torx.



STEP 10

Mount support posts to bottom of base frame. Secure each support post with four (4) 1/2" x 1-1/4" hex bolts, eight (8) 1/2" x 1-1/4" flat washers, and four (4) 1/2" Nylon lock nuts. See Detail 10-1. Repeat for each support post.

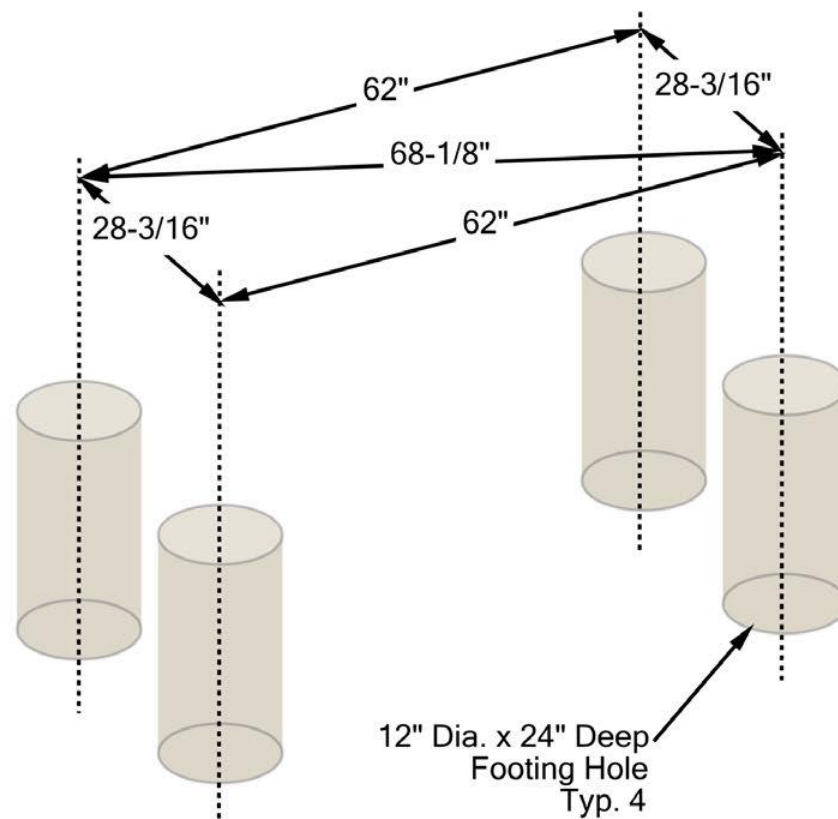
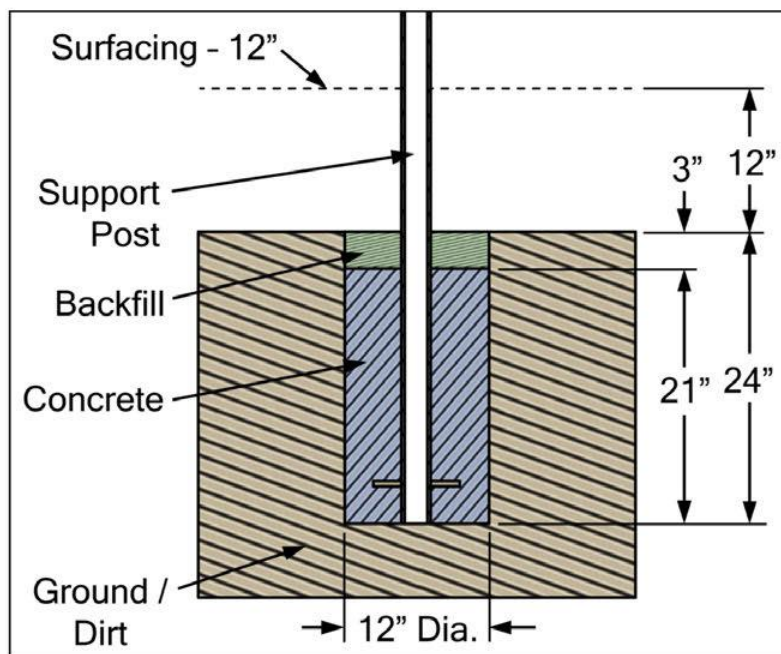
Detail 10-1



STEP 11

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. Support post 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", adjust footing hole depths as needed. **DO NOT ADD CONCRETE.** Footing holes will be completed after vehicle is in position. Proceed to STEP 12.

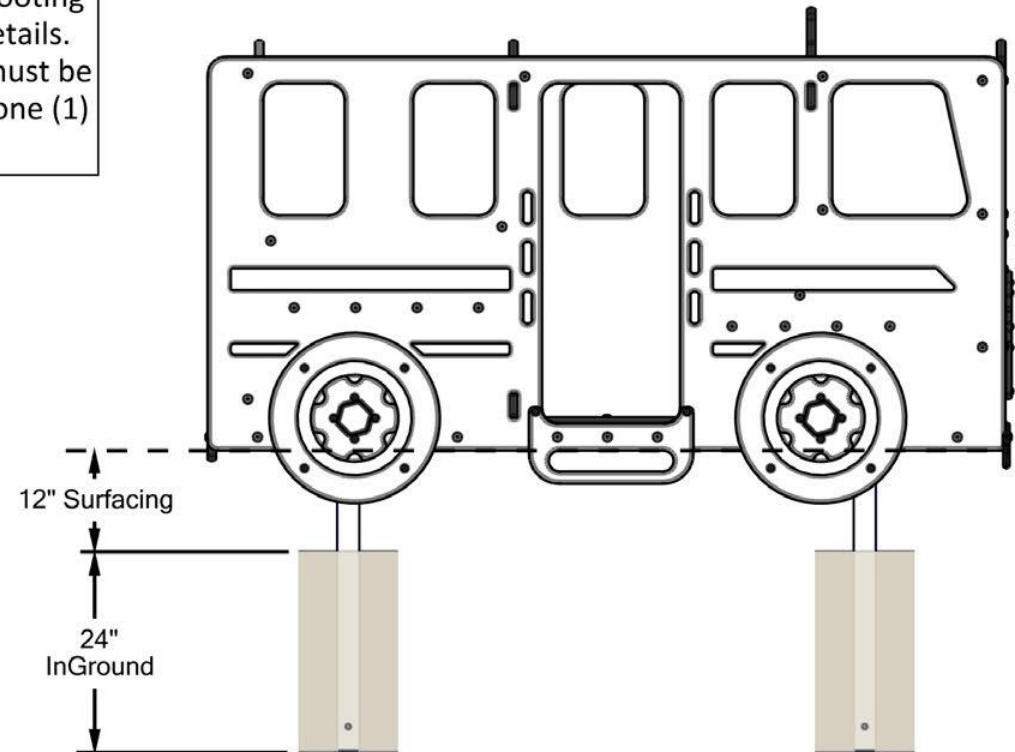
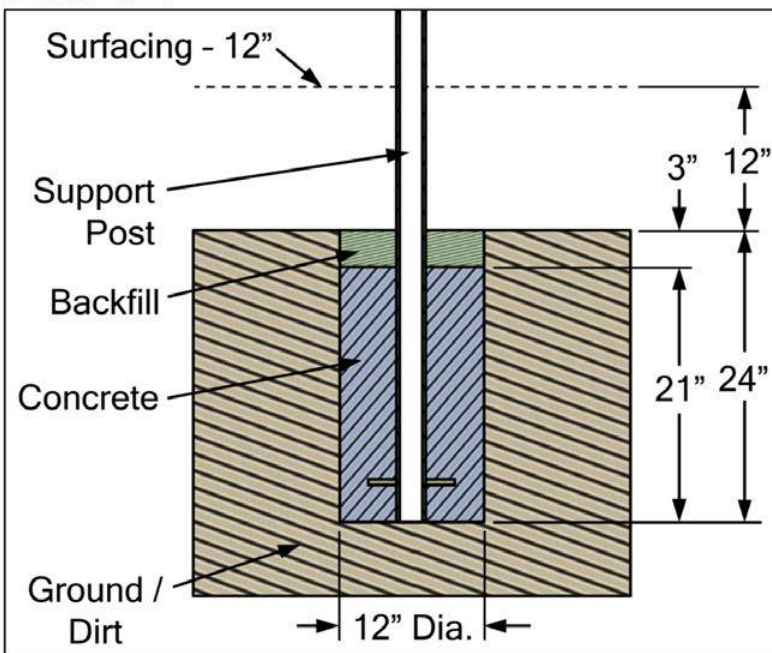
Detail 11-1



STEP 12

Place vehicle into footing holes. Ensure vehicle is level in all directions. Center each support post on each footing hole. Elevation of side and rear entrances must be 14" to 28" above surfacing (17" nominal). 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 12-1 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 12-1



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