



Oct. 08, 2025
Revision 4

A division of Troy Sheet Metal Works, Inc.
1024 South Vail Avenue, Montebello, CA 90640
www.troyproducts.com 323 720-4100

Part No: CP-20UV-CARGO-DECK / EM-20UV-CRGDCK-SSTK-2DWR
Vehicle: Ford UV Interceptor
Description: Cargo Deck System Model year: 2020+



Troy Products recommends reading through all installation instructions prior to installation to check that all necessary parts have been included. To comply with manufacturer's safety ratings, all OEM self-threading bolts that are removed must be discarded and replaced with unused bolts at manufacturer's torque requirement.

Tools Required

Wrenches/sockets: 8mm, 18mm, (2X) 7/16, (2X) 1/2

Drivers: 4mm, 5/32, T55w

Misc: Dremel or similar cutting tool, utility knife, sharpie, drill, drill bits, pop riveting tool

The hardware pack is located inside the box, wrapped up with the installation instructions and storage container braces (#brc).

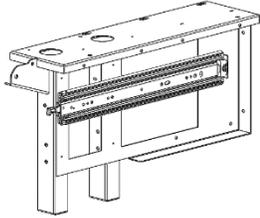
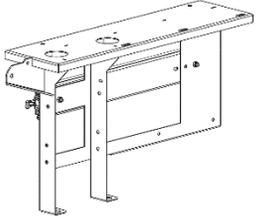


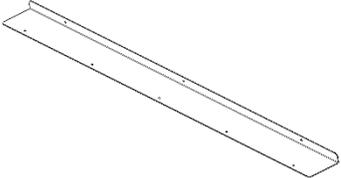
QuickStart Guide

1. Remove cargo components, trim foam block and set it back in place.
2. Install side leg assemblies, floor brackets and gussets in such order.
3. Install top panels, tightly secure all hardware and OEM bolts. (Note orientation of top panels)
4. Install drawer, side buckets and tray in such order. (Drawer latch tongue will need to be orientated vertical once set at lock position and tongue will need to be adjusted tightly once drawer has been closed)
5. Bring lid assembly, secure it to frame and install gas springs.

CP-20UV-CARGO-DECK, EM-20UV-CRGDCK-SSTK-2DWR

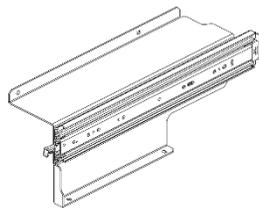
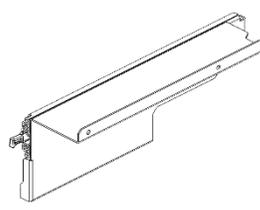
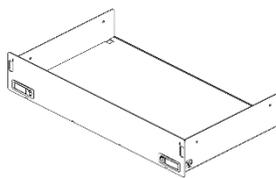
CP-20UV-CARGO-DECK BILL OF MATERIALS

CP-20UV-CARGO PARTS	
<p>Part number: CP-20UV-CARGO-DECK-#dla</p> <p>Description: DRIVER LEG ASSEMBLY</p> <p>QTY: 1</p>	 <p>Part number: CP-20UV-CARGO-DECK-#pla</p> <p>Description: PASSENGER LEG ASSEMBLY</p> <p>QTY: 1</p> 
<p>Part number: CP-20UV-CARGO-DECK-#rtw</p> <p>Description: REAR TOP PANEL</p> <p>QTY: 1</p>	<p>Part number: CP-20UV-CARGO-DECK-#ftpw</p> <p>Description: FRONT TOP PANEL</p> <p>QTY: 1</p>
<p>Part number: CP-20UV-CARGO-DECK-#rfd</p> <p>Description: FLOOR BRACKET, DRIVER</p> <p>QTY: 1</p>	<p>Part number: CP-20UV-CARGO-DECK-#rfp</p> <p>Description: FLOOR BRACKET, PASSENGER</p> <p>QTY: 1</p>
<p>Part number: CP-20UV-CARGO-DECK-#rgd</p> <p>Description: REAR GUSSET, DRIVER</p> <p>QTY: 1</p>	<p>Part number: CP-20UV-CARGO-DECK-#rgp</p> <p>Description: REAR GUSSET, PASSENGER</p> <p>QTY: 1</p>
<p>Part number: CP-20UV-CARGO-DECK-#brc</p> <p>Description: BUCKET BRACE</p> <p>QTY: 2</p>	<p>Part number: CP-20UV-CARGO-DECK-#tray</p> <p>Description: TRAY</p> <p>QTY: 1</p>
<p>Part number: CP-20UV-CARGO-DECK-#bxda</p> <p>Description: BUCKET ASM, DRIVER</p> <p>QTY: 1</p>	<p>Part number: CP-20UV-CARGO-DECK-#bxpa</p> <p>Description: BUCKET ASM, PASSENGER</p> <p>QTY: 1</p>
<p>Part number: CP-20UV-CARGO-DECK-#lida</p> <p>Description: LID ASM</p> <p>QTY: 1</p>	<p>Part number: CP-20UV-CARGO-DECK-#dwa</p> <p>Description: DRAWER WELDMENT ASM</p> <p>QTY: 1</p>

Part number: KC-20UV-CARGO-DECK-GAP-#p Description: GAP PANEL QTY: 1	
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If installing the EM-20UV-CRGDCK-SSTK-2DWR system, you will get these additional components and extra needed hardware.

EM-20UV-CRGDCK-SSTK-2DWR – ADDITIONAL PARTS

Part number: EM-20UV-CRGDCK-SSTK-2DWR-#dmsa Description: DRIVER MIDDLE SLIDE ASSEMBLY QTY: 1		Part number: EM-20UV-CRGDCK-SSTK-2DWR-#pmsa Description: PASSENGER MIDDLE SLIDE ASSEMBLY QTY: 1	
Part number: EM-20UV-CRGDCK-SSTK-2DWR-#dra1 Description: DRAWER ASSEMBLY 1 QTY: 1			

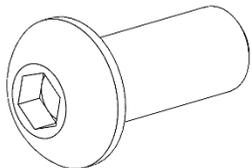
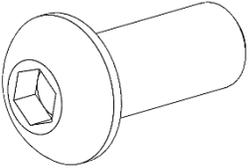
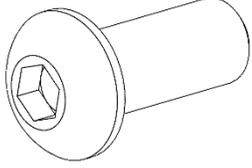
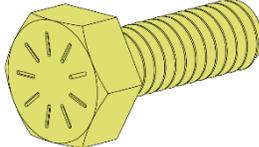
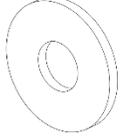
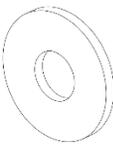
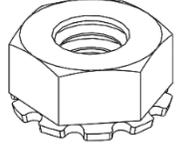
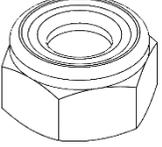
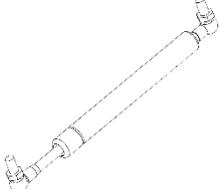
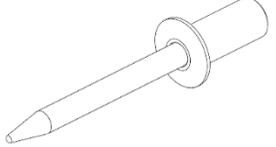
Some part numbers change if installing the EM-20UV-CRGDCK-SSTK-2DWR system, see the following cross reference table for affected part numbers identification.

CP-20UV-CARGO-DECK p/n	EM-20UV-CRGDCK-SSTK-2DWR p/n	Description
CP-20UV-CARGO-DECK-#dla	EM-20UV-CRGDCK-SSTK-2DWR-#da	DRIVER LEG ASSEMBLY
CP-20UV-CARGO-DECK-#pla	EM-20UV-CRGDCK-SSTK-2DWR-#pa	PASSENGER LEG ASSEMBLY
CP-20UV-CARGO-DECK-#rtw	CP-20UV-CARGO-DECK-#rtw	REAR TOP PANEL
CP-20UV-CARGO-DECK-#ftpw	EM-20UV-CRGDCK-SSTK-2DWR-#ftw	FRONT TOP PANEL
CP-20UV-CARGO-DECK-#rfd	EM-20UV-CRGDCK-SSTK-2DWR-#rfd	FLOOR BRACKET, DRIVER
CP-20UV-CARGO-DECK-#rfp	EM-20UV-CRGDCK-SSTK-2DWR-#rfp	FLOOR BRACKET, PASSENGER
CP-20UV-CARGO-DECK-#rgd	CP-20UV-CARGO-DECK-#rgd	REAR GUSSET, DRIVER
CP-20UV-CARGO-DECK-#rgp	CP-20UV-CARGO-DECK-#rgp	REAR GUSSET, PASSENGER
CP-20UV-CARGO-DECK-#brc	CP-20UV-CARGO-DECK-#brc	BUCKET BRACE
CP-20UV-CARGO-DECK-#tray	EM-20UV-CRGDCK-SSTK-2DWR-#tw	TRAY

CP-20UV-CARGO-DECK, EM-20UV-CRGDCK-SSTK-2DWR

CP-20UV-CARGO-DECK-#bxda	EM-20UV-CRGDCK-SSTK-2DWR-#bxd	BUCKET ASSEMBLY, DRIVER
CP-20UV-CARGO-DECK-#bxpa	EM-20UV-CRGDCK-SSTK-2DWR-#bap	BUCKET ASSEMBLY, PASSENGER
CP-20UV-CARGO-DECK-#lida	EM-20UV-CRGDCK-SSTK-2DWR-#lida	LID ASSEMBLY
CP-20UV-CARGO-DECK-#dwa	EM-20UV-CRGDCK-SSTK-2DWR-#dra2	DRAWER WELDMENT ASSEMBLY

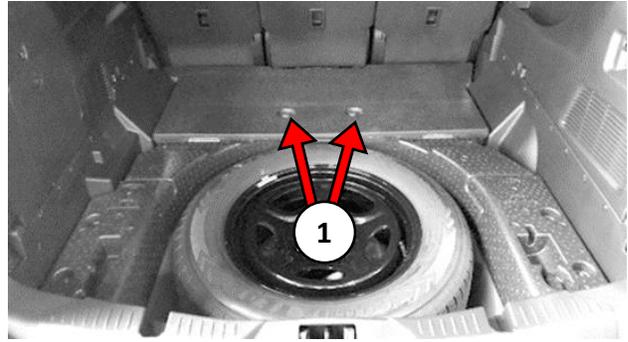
HARDWARE

<p>Part number: 1-FST-02-9A327</p> <p>Description: M6-1 x 25 BHCS</p> <p>QTY: 2</p> 	<p>Part number: 1-FST-06-60825</p> <p>Description: ¼-20 x 5/8 BHCS</p> <p>QTY: 34</p> 
<p>Part number: 1-FST-06-60820</p> <p>Description: ¼-20 x ½ BHCS</p> <p>QTY: 6</p> 	<p>Part number: 1-FST-08-075G9</p> <p>Description: ¼-20 x ¾ Grade 9 HH screw</p> <p>QTY: 2</p> 
<p>Part number: 1-FST-35-31000</p> <p>Description: ¼-20 NYLON LOCK NUT</p> <p>QTY: 30</p> 	<p>Part number: 1-FST-50-60800</p> <p>Description: ¼ BLACK FLAT WASHER</p> <p>QTY: 6</p> 
<p>Part number: 1-FST-50-5A140</p> <p>Description: 1/4 ID X .060 NYLON WASHER</p> <p>QTY: 2</p> 	<p>Part number: AC-CC-2CAP</p> <p>Description: DOME CAP 2"</p> <p>QTY: 4</p> 
<p>Part number: 1-FST-35-32250</p> <p>Description: 1/4-20 KEPS NUT WITH WASHER</p> <p>QTY: 6</p> 	<p>Part number: 1-FST-35-3000</p> <p>Description: 5/16-18 NYLON INSERT LOCK NUT</p> <p>QTY: 4</p> 
<p>Part number: 1-HDW-25-GS12-90</p> <p>Description: 12" 90 LBS GAS SPRING</p> <p>QTY: 2</p> 	<p>Part number: 1-FST-55-56200</p> <p>Description: POP RIVET 3/16"</p> <p>QTY: 8</p> 

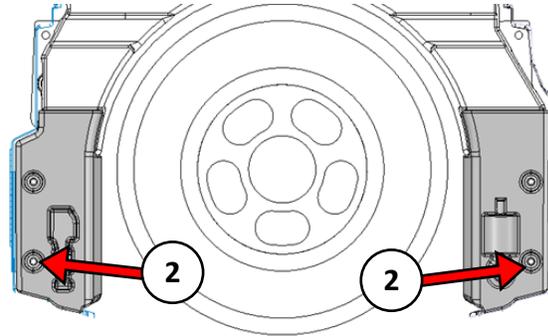
CP-20UV-CARGO-DECK, EM-20UV-CRGDCK-SSTK-2DWR

I.) Remove O.E.M. rear deck components

- 1) Remove the cargo deck covers. Using a T55 Torx bit, remove the (2) OEM bolts and remove the cargo area covers. Secure OEM bolts back into retainers, these bolts won't be re-used on installation.

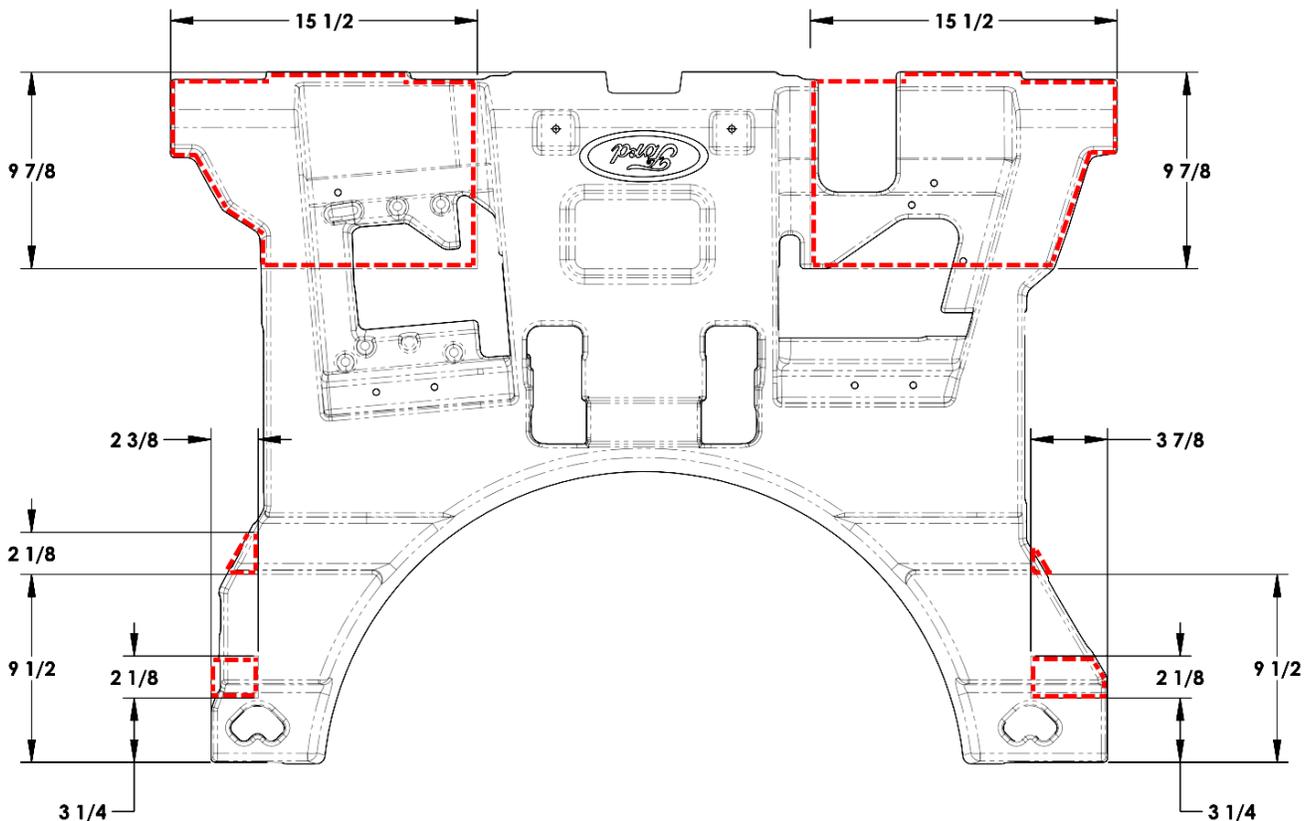


- 2) Remove two OEM bolts from rear foam blocks with the 8mm socket or drive, bolts will not be re-used. Remove foam blocks.



II.) Trim cargo foam

- 3) Remove cargo area big foam block from vehicle. Once foam is outside of vehicle, trim approximately where shown. Cut-outs are to allow installation of the mounting legs.

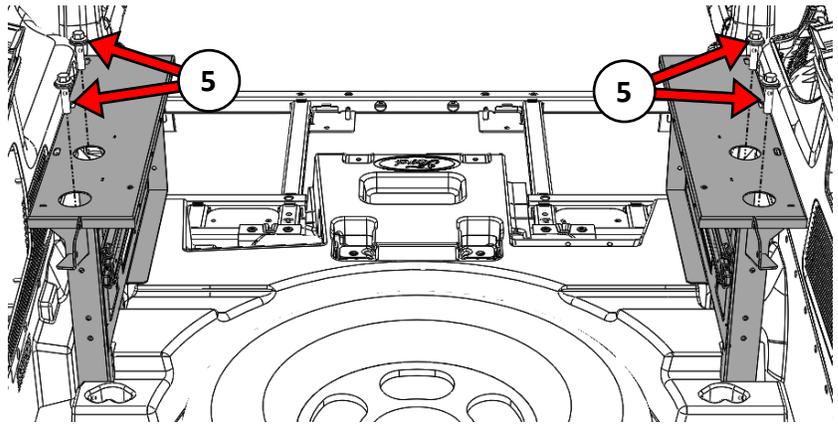


- 4) Remove the four OEM M12 bolts from the reinforcement frame using the 18mm socket. **(Do not discard these, they will be re-used)**. Set cargo area big foam block back in place.



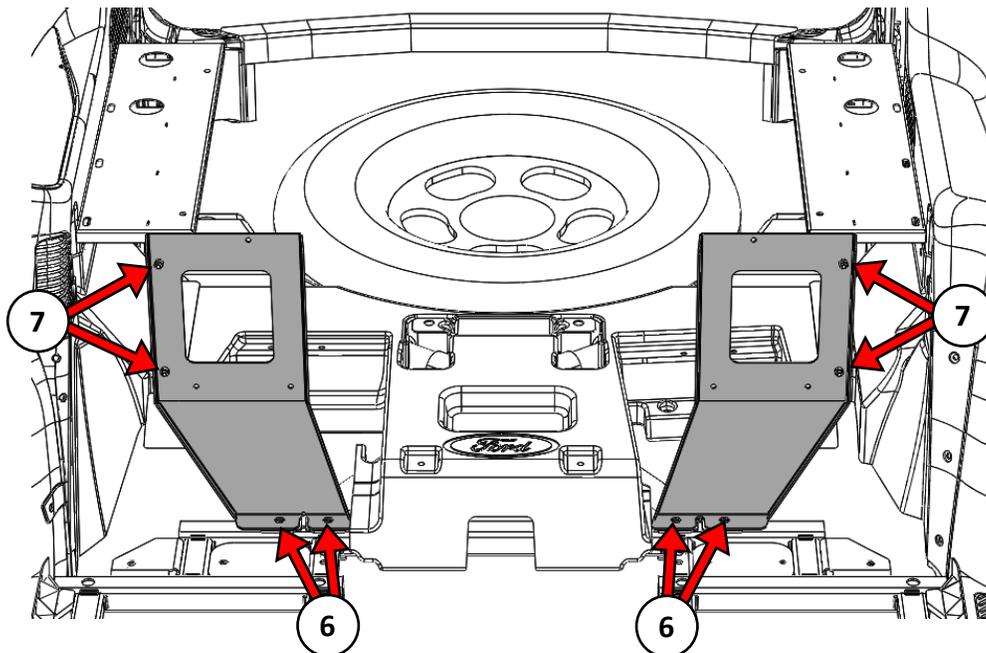
III.) Install cargo deck

- 5) Set driver and passenger side leg assemblies in place, install with the M12 OEM bolts from previous step. Bolts can be installed either from top with ratchet extensions or from side access holes. **Do not tighten bolts at this point.**



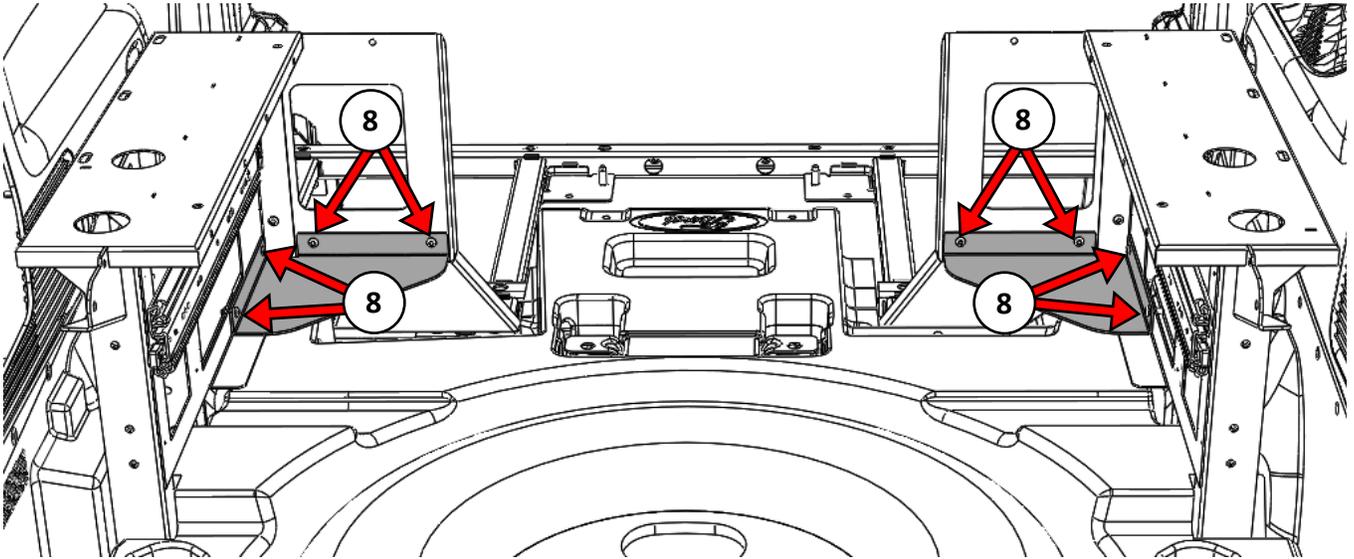
- 6) Using an 18mm socket, remove four OEM M12 bolts where indicated. Install rear floor brackets as shown with previously removed hardware. **Do not tighten bolts at this point.**

- 7) Secure floor brackets to leg assemblies using two 1/4-20 X 5/8 screws and nylon lock nuts per side, screw heads should be orientated towards rear side of vehicle while lock nuts towards front side. **Do not tighten bolts at this point.**

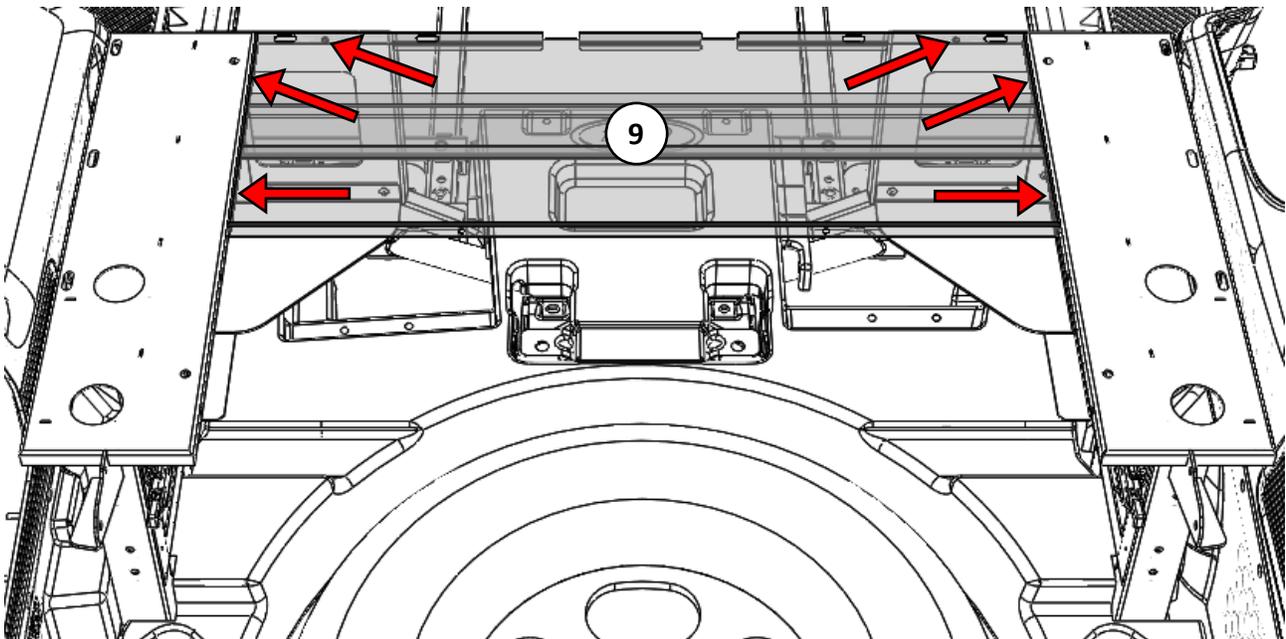


CP-20UV-CARGO-DECK, EM-20UV-CRGDCK-SSTK-2DWR

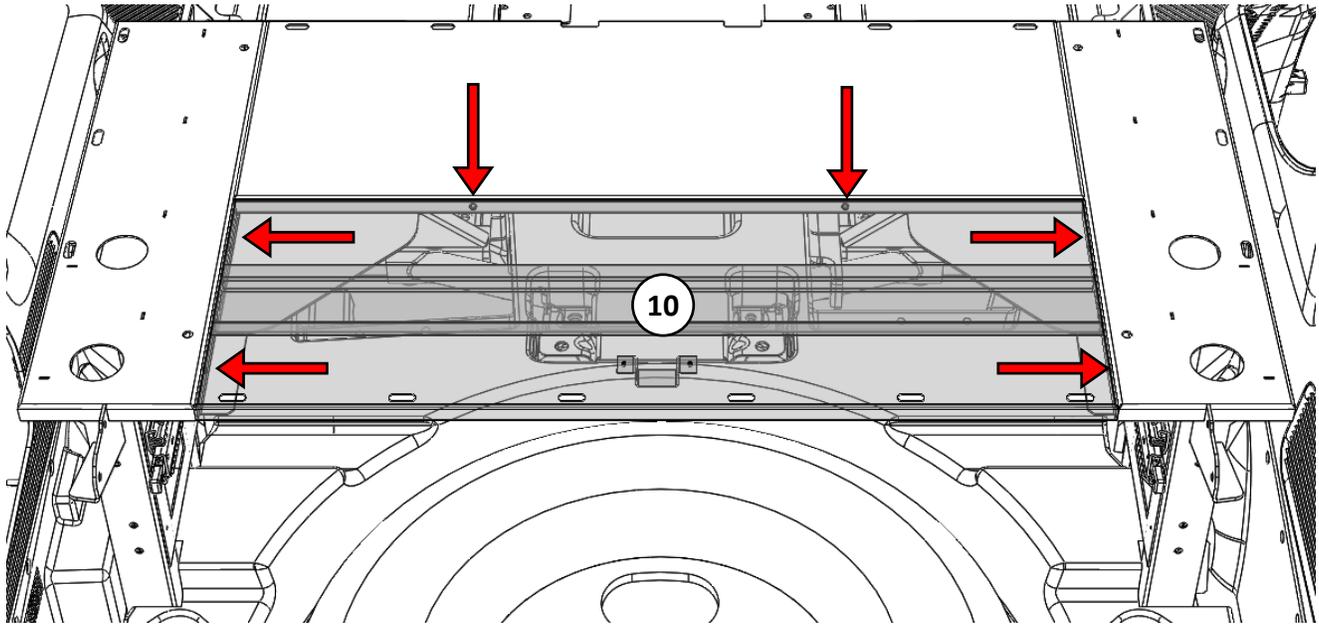
- 8) Place gusset brackets at shown corners and secure them to floor brackets and leg assemblies, orientate screw heads towards the rear side of vehicle and hex nuts towards the front. Use provided 1/4-20 X 5/8 screws and nylon lock nuts at four locations per side, secure screws tightly. **Go back and tightly secure screws from Step 7.**



- 9) Bring top rear panel, and secure it to leg assemblies and floor brackets, with provided 1/4-20 X 5/8 screws and nylon lock nuts at six indicated locations, do not fully tight screws at this point. **(Top rear panel has two notches which will be orientated towards the front side of vehicle.)**

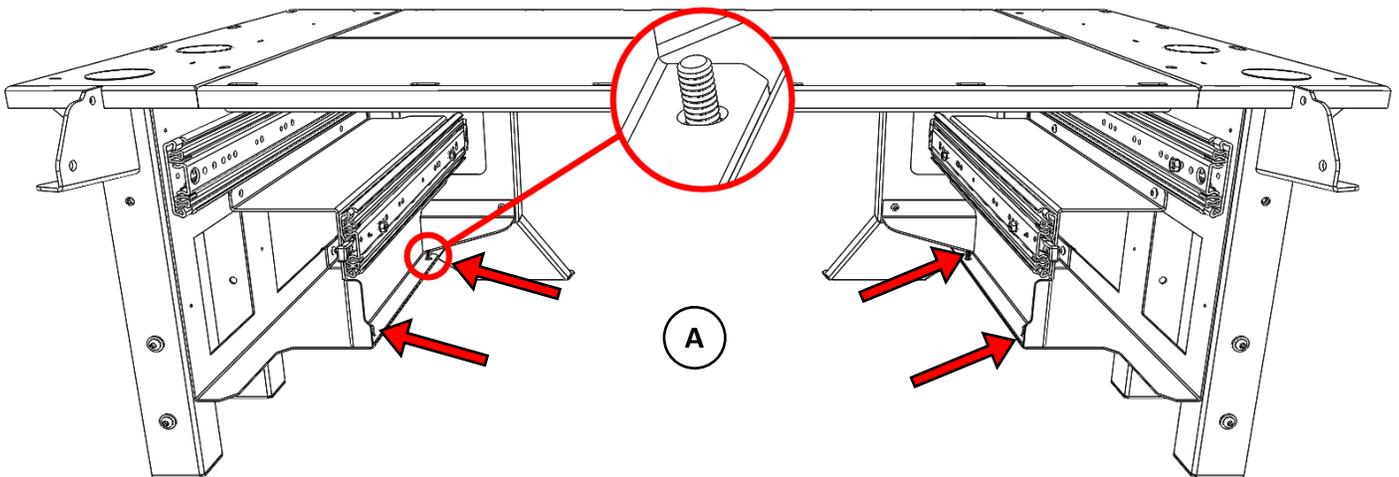


- 10) Bring top front panel and **tightly secure** it to side leg assemblies and rear top panel as shown with provided 1/4-20 X 5/8 screws and nylon lock nuts at six indicated locations. (Top front panel has a bracket which will need to be orientated towards the rear side of vehicle.) **Go back and tightly secure screws from Step 9, OEM bolts from Step 5 and OEM bolts from Step 6 in that order.**



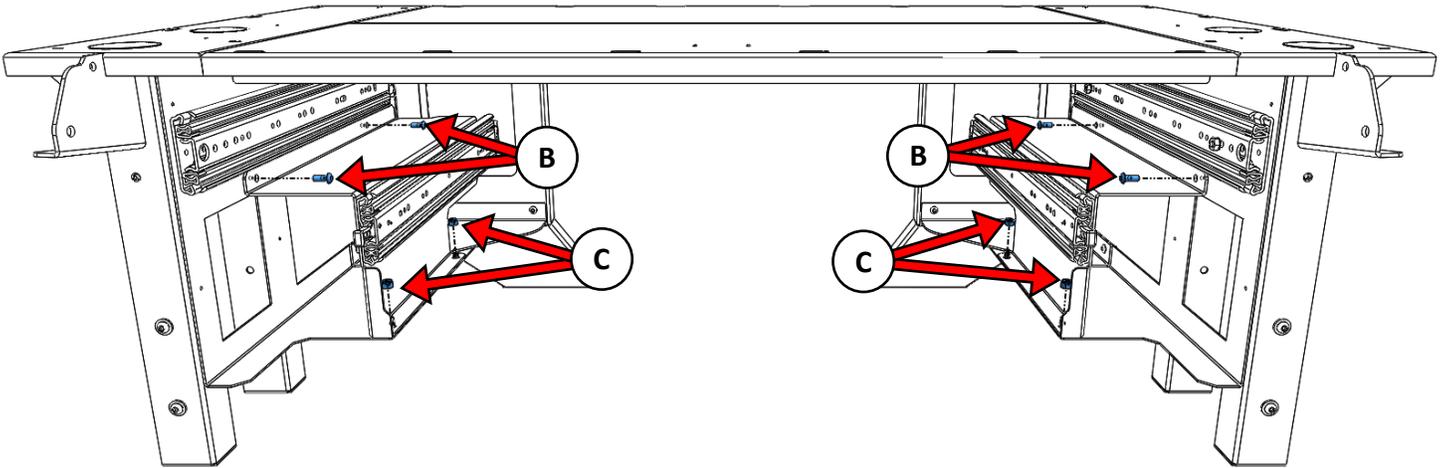
If installing the EM-20UV-CRGDCK-SSTK-2DWR system, follow these additional steps:

- a) Bring driver and passenger slide assemblies and place them on their corresponding positions as shown, slide assemblies bottom clearance holes must engage on threaded studs (total 4) from passenger and driver side leg assemblies.

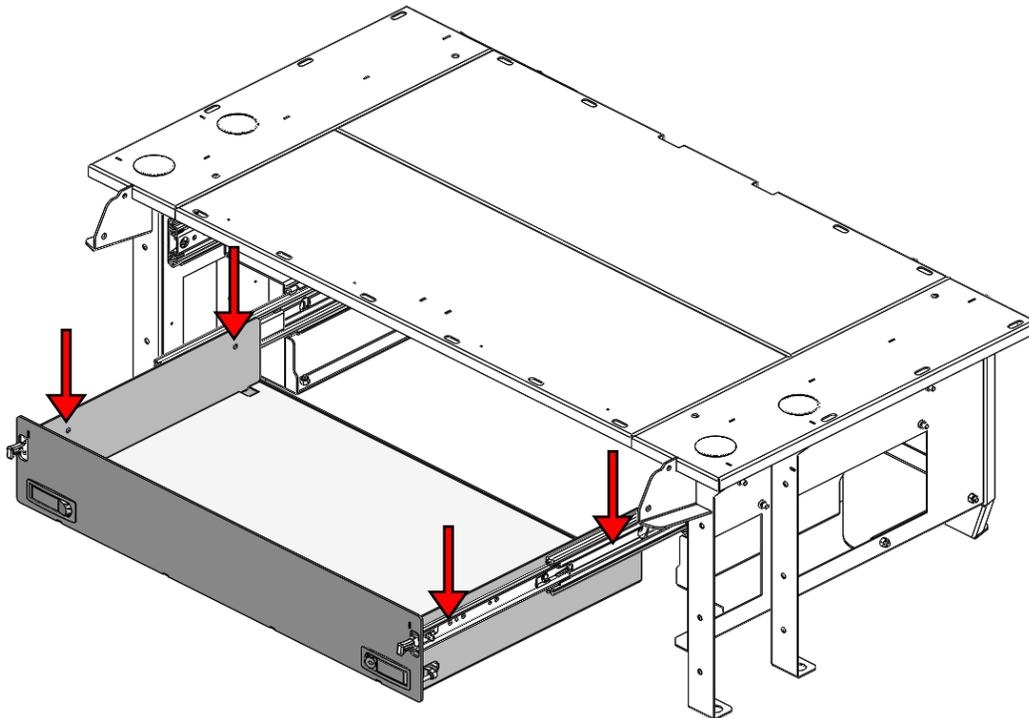


Installing the EM-20UV-CRGDCK-SSTK-2DWR system continued

- b) Secure slide assemblies tightly to leg assemblies sides with 1/4-20 X 5/8 BH screws, leg assemblies have threaded PEM nuts at matching locations.
- c) Secure slide assemblies tightly to leg assemblies with 1/4-20 nylon lock nuts at threaded stud locations from Step A.

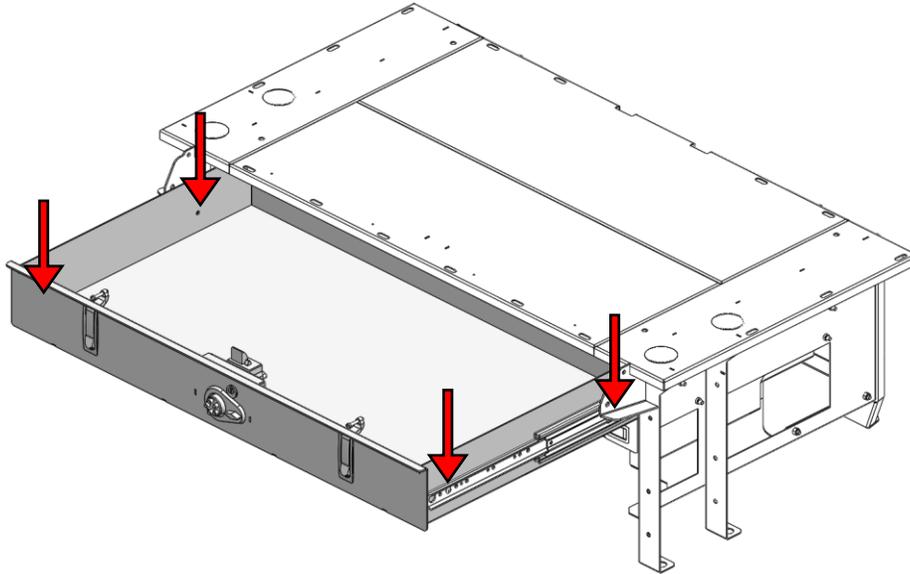


- d) Fully extend drawer slides from slide assemblies by pressing down on levers and pull them out until slides are locked in, install electronics drawer and secure to slides using provided 1/4-20 x 1/2 screws and kep nuts (2 per side) as shown. Kep nuts are on the be located on the inside of drawer. Tighten all fasteners.



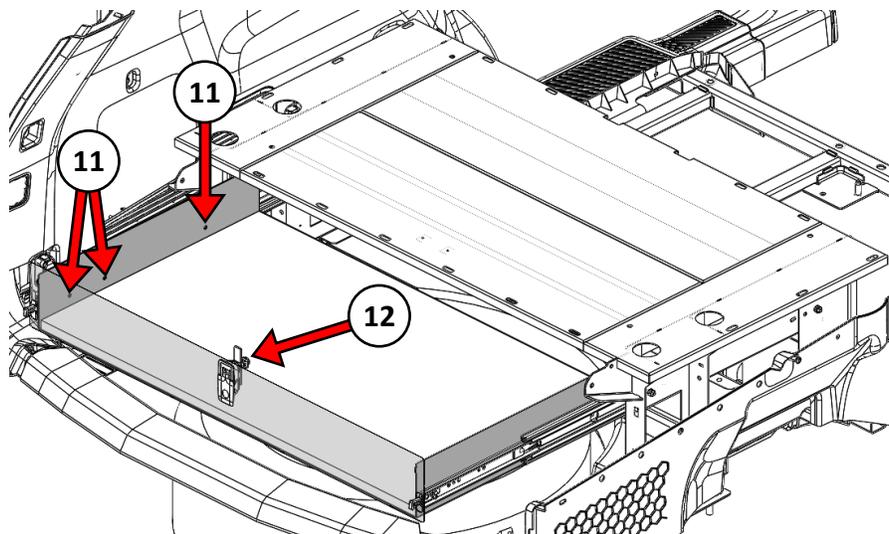
Installing the EM-20UV-CRGDCK-SSTK-2DWR system continued

- e) Fully extend drawer slides from leg assemblies, install security drawer by attaching it to slides using provided 1/4-20 x 1/2 screws and kep nuts (2 per side) as shown. Kep nuts are on the be located on the inside of drawer. Tighten all fasteners.

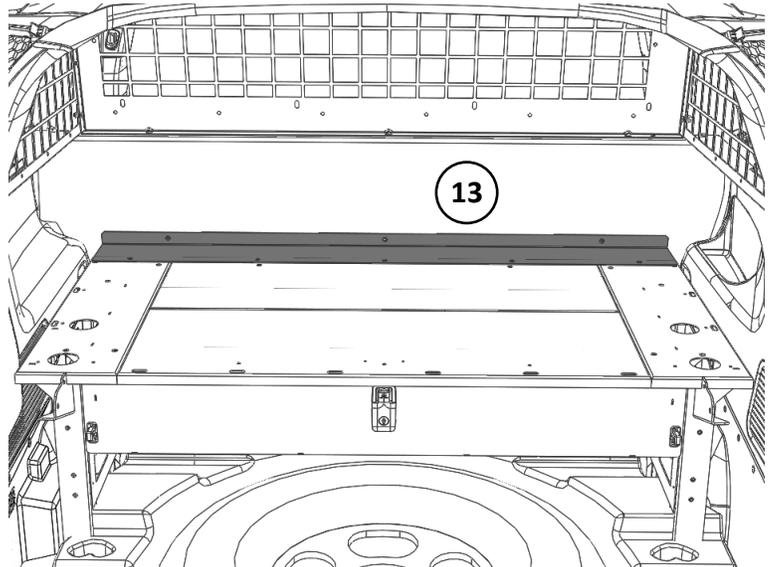


This concludes the additional installation steps needed for **the EM-20UV-CRGDCK-SSTK-2DWR** system, proceed to **Step 13** and complete the remainder of the build.

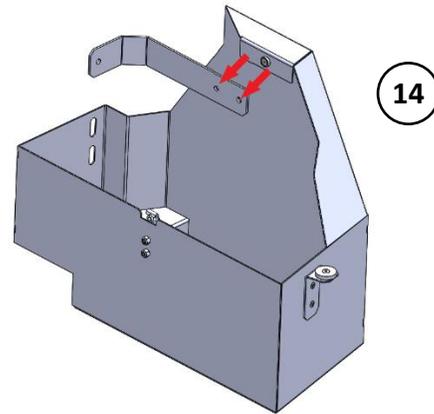
- 11) Fully extend drawer slides by pressing down on levers and pull them out until slides are locked in, install drawer and secure to slides using provided 1/4-20 X 1/2 screws and kep nuts (3 per side). Kep nuts are on the be located on the inside of drawer. Tighten all fasteners.
- 12) Re-locate latch tongue so when lock is set, the orientation of it will be vertical (latch tongue is set at horizontal position for packaging purposes). Close drawer and check that latch tongue is tightly secured, adjust as necessary.



- 13) Install the gap panel by positioning it at the rear of the top surface so that it contacts the rear cage. Secure it to the cargo deck and rear cage using the provided (8) 3/16" pop rivets. If no rear cage is present, installation of the gap panel is optional.

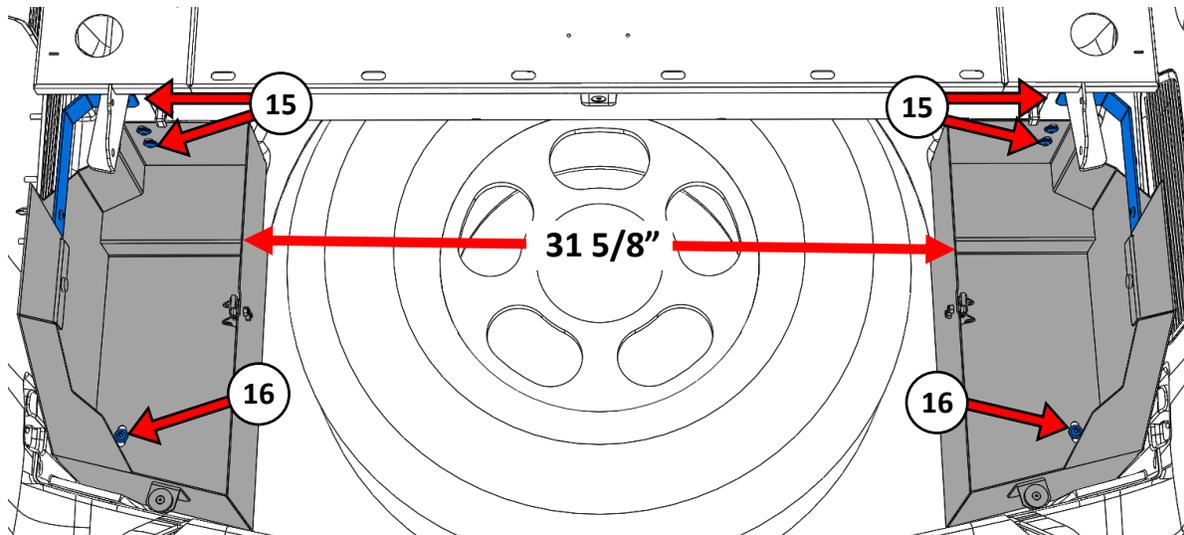


- 14) Prep side box compartments by attaching braces using a 5/32 allen, 7/16 socket, and two provided 1/4-20 x 5/8" bolts and nuts for each bucket.



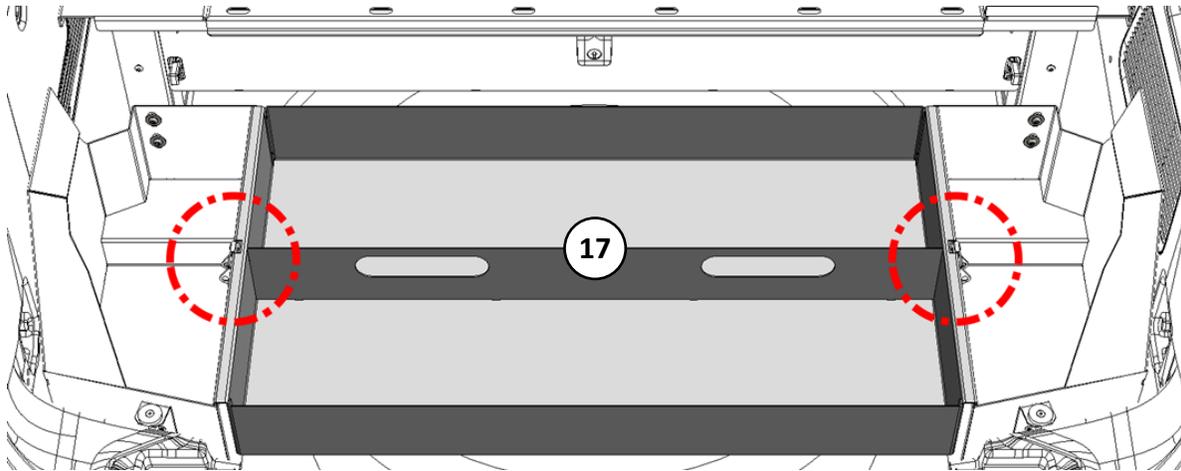
- 15) Place bucket assemblies where shown and secure them to frame, use two provided 1/4-20 X 5/8 screws with washer at the lower section and one 1/4-20 X 5/8 at the top location per side. **Do not tighten screws at this point.**

- 16) Fasten buckets to vehicle floor using a 4mm allen key and (2) provided M6 x 25 mm bolts and washers. Distance in between should be 31 5/8". Tighten screws from this and previous step.

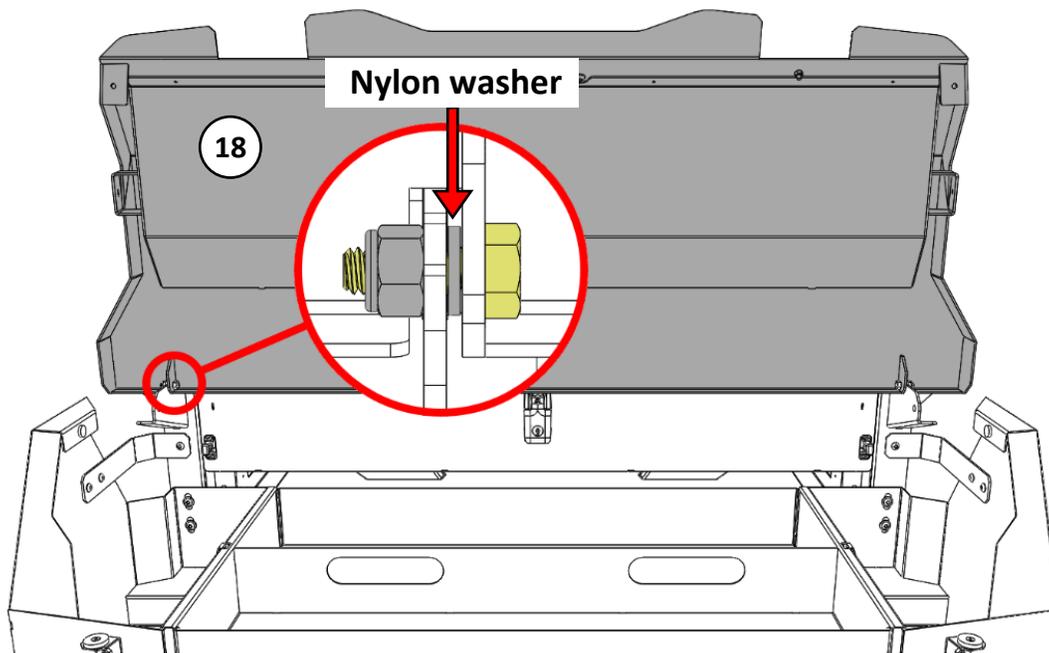


CP-20UV-CARGO-DECK, EM-20UV-CRGDCK-SSTK-2DWR

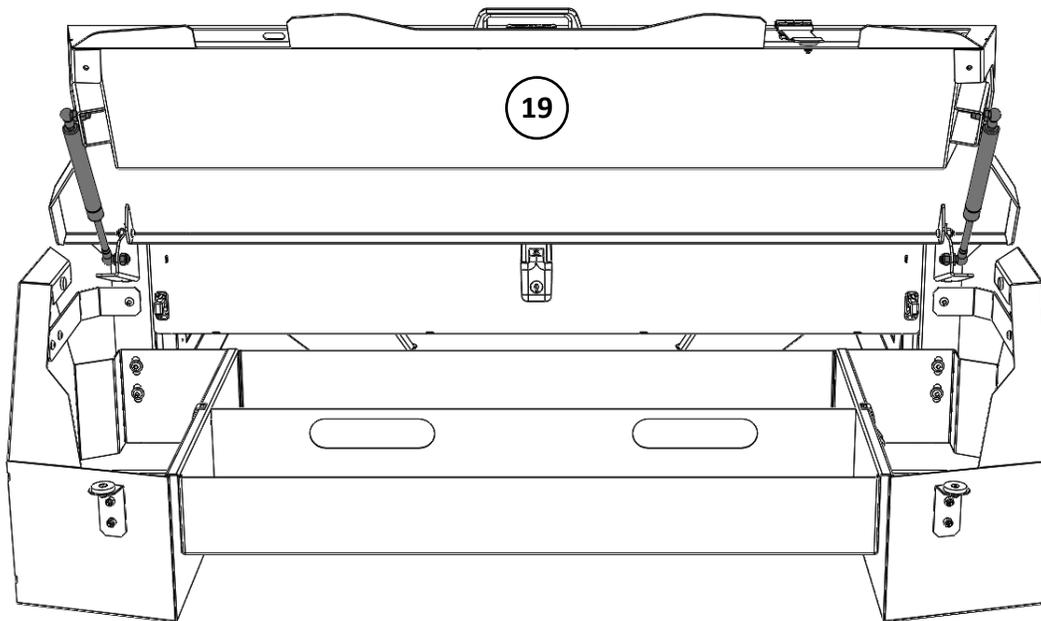
- 17) Insert lift out tray between the two boxes, secure lift out tray by inserting (2) draw latch catches into slots in tray and press down on draw latch levers until they snap in place.



- 18) Mount lid assembly on frame as shown and secure it with provided **1/4-20 X 3/4 grade 9 Hex head screw**, nylon washer and nylon lock hex nut in the shown order per side, nylon washer is to be set in between lid and frame. Use an open wrench to hold hex nut while tightening the screw, **do not fully tight screw, lid should be able to open and close freely.**



- 19) Attach gas springs using two 1/2" open wrenches and four provided 5/16 nylon lock nuts as shown.
Note the orientation of the gas springs.



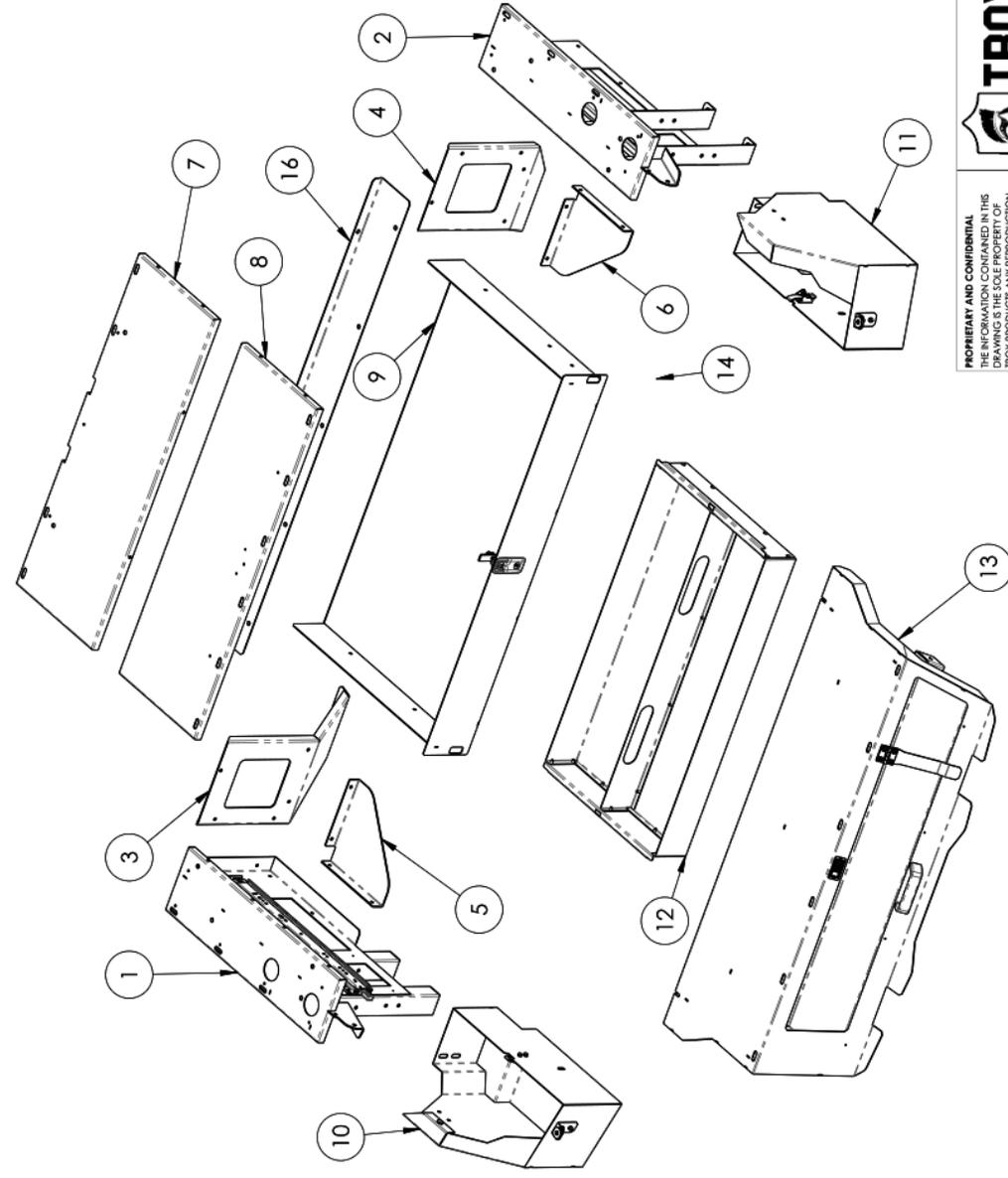
Your installation is now complete. If you have any questions or suggestions for adding additional instructions, please call **Customer Service at (800) 700-8769**.

6 5 4 3 2 1

REVISIONS		DATE	APPROVED
ZONE	REV.	DESCRIPTION	

D

D



ITEM NO.	PART NUMBER	DESCRIPTION
1	CP-20UV-CARGO-DECK-#dla	DRIVER SIDE LEG ASSEMBLY
2	CP-20UV-CARGO-DECK-#pla	PASSENGER LEG ASSEMBLY
3	CP-20UV-CARGO-DECK-#fld	REAR FLOOR BRACKET, DRIVER
4	CP-20UV-CARGO-DECK-#fip	REAR FLOOR BRACKET, PASSENGER
5	CP-20UV-CARGO-DECK-#rgd	REAR GUSSET, DRIVER
6	CP-20UV-CARGO-DECK-#rgp	REAR GUSSET, PASSENGER
7	CP-20UV-CARGO-DECK-#fhw	REAR TOP WELDMENT
8	CP-20UV-CARGO-DECK-#ffpw	FRONT TOP PANEL WELDMENT
9	CP-20UV-CARGO-DECK-#dwa	DRAWER ASSEMBLY
10	CP-20UV-CARGO-DECK-#bxda	BOX ASSEMBLY, DRIVER
11	CP-20UV-CARGO-DECK-#bxpa	BOX ASSEMBLY, PASSENGER
12	CP-20UV-CARGO-DECK-#tray	Lift out tray
13	CP-20UV-CARGO-DECK-#flida	LID ASSEMBLY
14	CP-20UV-CARGO-DECK-#fhw	HARDWARE KIT
15	AC-20UV-CRGDCK-RUBR	2020+ PIUV CARGO DECK RUBBER MAT
16	KC-20UV-CARGO-DECK-GAP	UV CARGO DECK GAP PANEL
17	3-PAK-621028 Box#1	Box, 62" x 10-3/4" x 28" - FOL w/4 HH
18	3-PAK-580825 Box#2	58 x 8 x 25 Box

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:
DIMENSIONS ARE IN INCHES	DRAWN	NG	03/24/21	2020 PI-U CARGO STORAGE SYSTEM FOR ELECTRONICS
FRACTIONAL: 1/16	DESIGNER	NG	03/24/21	
ANGULAR: MACH ± BEND ±	ENG APPR.			
TWO PLACE DECIMAL ±	MFG APPR.			
THREE PLACE DECIMAL ±	G.A.			SIZE DWG. NO. REV
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			B CP-20UV-CARGO-DECK A
MATERIAL:				SCALE: 1:10 SHEET 1 OF 2
FINISH:				
DO NOT SCALE DRAWING				

TRAY PRODUCTS

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6 5 4 3 2 1

A

B

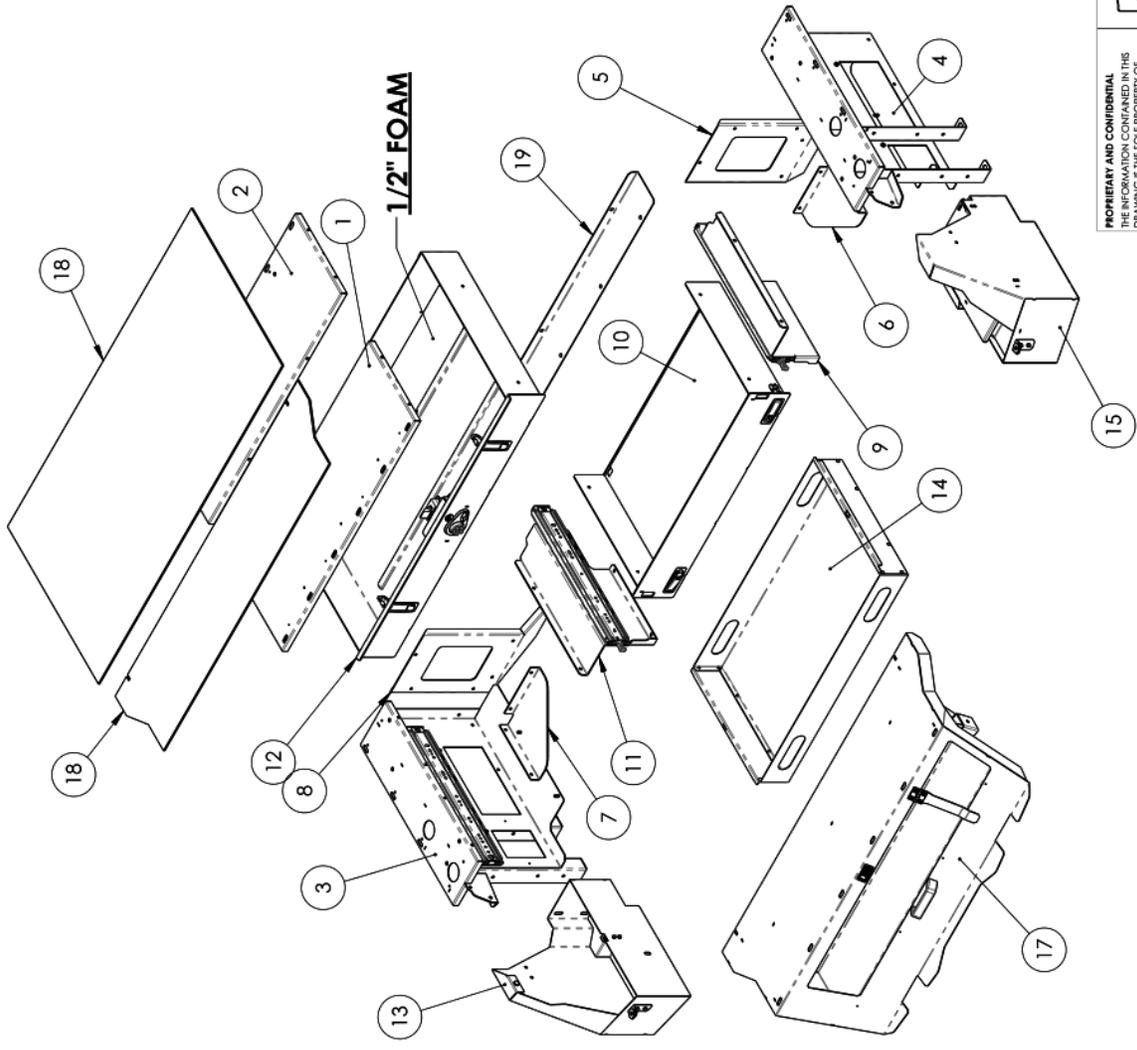
C

D

6 5 4 3 2 1

ZONE	REV.	DESCRIPTION	DATE	APPROVED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EM-20UV-CRGDCK-SSTK-2DWR-#ftw	FRONT TOP WELDMENT	1
2	CP-20UV-CARGO-DECK-#ftw	REAR TOP WELDMENT	1
3	EM-20UV-CRGDCK-SSTK-2DWR-#da	DRIVER SIDE ASSEMBLY	1
4	EM-20UV-CRGDCK-SSTK-2DWR-#pa	PASSENGER SIDE ASSEMBLY	1
5	EM-20UV-CRGDCK-SSTK-2DWR-#rfp	REAR FLOOR BRACKET, PASSENGER	1
6	CP-20UV-CARGO-DECK-#fgp	REAR GUSSET, PASSENGER	1
7	CP-20UV-CARGO-DECK-#fgd	REAR GUSSET, DRIVER	1
8	EM-20UV-CRGDCK-SSTK-2DWR-#rfd	REAR FLOOR BRACKET, DRIVER	1
9	EM-20UV-CRGDCK-SSTK-2DWR-#pmsa	PASSENGER MIDDLE SLIDE ASSEMBLY	1
10	EM-20UV-CRGDCK-SSTK-2DWR-#dra1	DRAWER ASSEMBLY 1	1
11	EM-20UV-CRGDCK-SSTK-2DWR-#dmsa	DRIVER MIDDLE SLIDE ASSEMBLY	1
12	EM-20UV-CRGDCK-SSTK-2DWR-#dra2	DRAWER ASSEMBLY 2	1
13	EM-20UV-CRGDCK-SSTK-2DWR-#bad	BOX ASSEMBLY DRIVER	1
14	EM-20UV-CRGDCK-SSTK-2DWR-#ftw	Lift out tray	1
15	EM-20UV-CRGDCK-SSTK-2DWR-#bap	BOX ASSEMBLY, PASSENGER	1
16	EM-20UV-CRGDCK-SSTK-2DWR-#hdw	HARDWARE KIT	1
17	EM-20UV-CRGDCK-SSTK-2DWR-#lida	LID ASSEMBLY	1
18	AC-20UV-CRGDCK-RUBR	2020+ PUUV CARGO DECK RUBBER MAT	1
19	KC-20UV-CARGO-DECK-GAP	UV CARGO DECK GAP PANEL	1
20	3-PAK-610847 Box # 1	Box 61-1/2 x 8-1/2 x 47" Full size	1
21	3-PAK-621028 Box # 2	Box.62" x 10-3/4" x 28" - FOL w4 HH	1



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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES: FRACTIONAL: ANGULAR: MACH: BEND: TWO PLACE DECIMAL: THREE PLACE DECIMAL:
 INTERFERE GEOMETRIC TOLERANCING PER: MATERIAL: FINISH: COMMENTS:

NAME	DATE	TITLE:
NG	2/9/2022	CARGO DECK WITH RIFLE & E DRAWERS AND FLARE BOXES
NG	2/9/2022	

SIZE	DWG. NO.	REV
B	EM-20UV-CRGDCK-SSTK-2DWR	A
SCALE:	1:16	SHEET 1 OF 2

6 5 4 3 2 1

D

C

B

A