
SERVICE BULLETIN

N° **189-305**

OPTIONAL

DATE: March 11, 2024

REV. : /

TITLE

ATA 25 – 4TH ROW FOLDABLE SEATS KIT P/N 8G2520F06411 INSTALLATION

REVISION LOG

First Issue

1. PLANNING INFORMATION

A. EFFECTIVITY

Part I and Part II

AW189 helicopters S/N 49054 and from S/N 49064 to S/N 49067.

B. COMPLIANCE

At Customer's option.

C. CONCURRENT REQUIREMENTS

In order to comply with this Service Bulletin, any affected helicopter must have already embodied SB 189-314.

D. REASON

This Service Bulletin is issued in order to provide the necessary instruction on how to perform the installation of the “kit 4th row foldable seats” P/N 8G2520F06411.

Leonardo Helicopters (LH) issued this SB for the following reason:

Helicopter Reliability/Maintainability	
Product Improvement	
Obsolescence	
Customization	✓
Product/Capability Enhancement	

E. DESCRIPTION

Part I of this Service Bulletin provides all necessary instructions on how to perform the “4th row seat structural provision installation” P/N 8G5310A15711.

Part II of this Service Bulletin provides all necessary instructions on how to perform the “4th row seats foldable installation” P/N 8G2520A47811, the “baggage light switch installation” P/N 8G3320A05011 and the “extinguisher HF installation STA5700” P/N 8G2620A03911.

F. APPROVAL

If an aircraft listed in the effectivity embodies a modification or repair not Leonardo Helicopters (LH) certified and affecting the content of this Service Bulletin, it is responsibility of the Owner/Operator to obtain a formal approval by Aviation Authority

having jurisdiction on the aircraft, for any adaptation necessary before incorporation of the present Service Bulletin.

G. MANPOWER

To comply with this Service Bulletin, the following MMH are deemed necessary.

Part I: approximately thirty-two (32);

Part II: approximately thirty-two (32).

MMH are based on hands-on time and can change with helicopter configuration, personnel and facilities available. MMH are not comprehensive of the overall hours necessary to get access to work areas and to remove all the equipment that interferes with the application of the prescribed instructions.

H. WEIGHT AND BALANCE

PART I

WEIGHT (kg)		6.77
	ARM (mm)	MOMENT (kg-mm)
LONGITUDINAL BALANCE	5935.7	40184.7
LATERAL BALANCE	0	0

PART II

WEIGHT (kg)		45.96
	ARM (mm)	MOMENT (kg-mm)
LONGITUDINAL BALANCE	5820.2	267496.4
LATERAL BALANCE	-60.9	-2799

I. REFERENCES

I.1 PUBLICATIONS

Following Data Modules refer to AMP:

<u>DATA MODULE</u>	<u>DESCRIPTION</u>	<u>PART</u>
DM01 89-A-00-20-00-00A-120A-A	Helicopter safety – Pre-operation (make helicopter safe for maintenance)	I, II
DM02 89-A-06-41-00-00A-010A-A	Access doors and panels – General data	I, II
DM03 89-E-25-29-01-00A-520A-A	Aft row cabin seat – Remove procedure	I, II
DM04 89-E-25-29-01-00A-720A-A	Aft row cabin seat – Install procedure	I, II
DM05 89-A-52-43-10-00A-520A-A	Access panels (cabin) – Remove procedure	I, II
DM06 89-E-25-29-03-00A-520A-A	Restraint guide – Remove procedure	I

<u>DATA MODULE</u>	<u>DESCRIPTION</u>	<u>PART</u>
DM07 89-E-25-29-03-00A-720A-A	Restraint guide – Install procedure	I
DM08 89-A-52-43-10-00A-720A-A	Access panels (cabin) – Install procedure	I
DM09 89-A-11-00-01-00A-720A-A	Decal – Install procedure	II
DM10 89-D-25-29-01-00A-720A-A	Outboard seats – Install procedure	II
DM11 89-D-25-29-02-00A-720A-A	Inboards seats – Install procedure	II
DM12 89-D-25-29-03-00A-720A-A	Headrest back – Install procedure	II
DM13 89-D-25-29-04-00A-720A-A	Upper seat back – Install procedure	II
DM14 89-D-25-29-05-00A-720A-A	Lower seat back – Install procedure	II
DM15 89-D-25-29-07-00A-720A-A	Inboard seats restraint system – Install procedure	II
DM16 89-D-25-29-08-00A-720A-A	Restraint guide – Install procedure	II
DM17 89-D-25-29-10-00A-720A-A	Brackets – Install procedure	II
DM18 89-D-25-29-11-00A-720A-A	Lateral beam – Install procedure	II
DM19 89-D-25-29-12-00A-720A-A	Lateral beam supports – Install procedure	II
DM20 89-E-25-82-05-00A-520A-A	Aft soft liner – Remove procedure	II
DM21 89-E-25-29-02-00A-720A-B	Restraint system – Install procedure	II

Following Data Modules refer to CSRP:

<u>DATA MODULE</u>	<u>DESCRIPTION</u>	<u>PART</u>
DM22 CSRP-A-51-42-00-00A-720A-D	Potted inserts – Install procedure	I

I.2 ACRONYMS & ABBREVIATIONS

AMD	Aircraft Material Data Information
AMP	Aircraft Maintenance Publication
AR	As Required
C/A	Cable Assy
CSRP	Common Structural Repair Publication
DM	Data Module
DOA	Design Organization Approval
FWD	Forward

IPD Illustrated Parts Data Publication
ITEP Illustrated Tools and Equipment Publication
LH / LHS Left Hand Side
MMH Maintenance Man Hours
N.A. Not Applicable
P/N Part Number
RH / RHS Right Hand Side
SB Service Bulletin
S/N Serial Number

I.3 ANNEX

N.A.

J. PUBLICATIONS AFFECTED

N.A.

K. SOFTWARE ACCOMPLISHMENT SUMMARY

N.A.

2. MATERIAL INFORMATION

A. REQUIRED MATERIALS

A.1 PARTS

PART I

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
1	8G2520F06411		KIT 4TH ROW FOLDABLE SEATS	REF	.		-
2	8G5310A15711		4TH ROW SEAT FOLDABLE STRUCTURAL PROVISION	REF	..		-
3	8G5330A34432	8G5330A34432A	Mounting RH Inboard FWD Assy	1	...		189-305L1
4	8G5330A34232	8G5330A34232A	Mounting RH Outboard FWD Assy	1	...		189-305L1
5	8G5330A33632	8G5330A33632A	Mounting LH Outboard FWD Assy	1	...		189-305L1
6	8G5330A33832	8G5330A33832A	Mounting LH Middle FWD Assy	1	...		189-305L1
7	8G5330A35252		Shim Laminated LH Inboard	1	...		189-305L1
8	8G5330A34032	8G5330A34032A	Mounting LH Inboard FWD Assy	1	...		189-305L1
9	8G5330A35052		Shim Laminated Outboard	2	...		189-305L1
10	8G5330A35152		Shim Laminated LH Middle	1	...		189-305L1
11	8G5330A58031	8G5330A58031A	Fuel Front Lower Lateral Panel LHS Assy	1	...		189-305L1
12	8G5330A58131	8G5330A58131A	Fuel Front Lower Lateral Panel RHS Assy	1	...		189-305L1
13	8G5330A54731	8G5330A54731A	BL 490 Fuel Compartment Vertical Panel RHS Assy	1	...		189-305L1
14	8G5330A48231	8G5330A48231A	BL 490 Fuel Compartment Vertical Panel LHS Assy	1	...		189-305L1
15	8G5330A38251		Restraint Strap Guide Bracket	2	...		189-305L1
16	8G5330A38151		Restraint Strap Guide Angle	2	...		189-305L1
17	8G5330A52351		Shim Laminated RH Inboard	1	...		189-305L1
18	8G5330A52251		Shim Laminated RH Middle	1	...		189-305L1
19	8G5330A52031	8G5330A52031A	Mounting RH Middle FWD Assy	1	...		189-305L1
20	8G5330A34631	8G5330A34631A	Mounting LH Rear Assy	1	...		189-305L1
21	8G5330A34831	8G5330A34831A	Mounting RH Rear Assy	1	...		189-305L1
22	A259A03-05		Setscrew	16	...		189-305L1
23	999-5000-30-117	AW007TE-30-117	Insert	8	...		189-305L1
24	999-5000-30-209	AW007TE-30-209	Insert	12	...		189-305L1
25	NAS1149C0616R		Washer	20	...		189-305L1
26	MS20426E3-5		Rivet	0.2 kg	...		189-305L1
27	MS20426E3-6		Rivet	4	...		189-305L1
28	MS27039C1-07		Screw	2	...		189-305L1
29	MS27039C1-08		Screw	22	...		189-305L1
30	MS27039C1-10		Screw	10	...		189-305L1
31	A875A3V03	AW009TB3V03	Bolt	6	...		189-305L1
32	A875A3V06	AW009TB3V06	Bolt	6	...		189-305L1
33	A389A3C2PF		Anchor Nut	3	...		189-305L1
34	A259A03-08		Setscrew	4	...		189-305L1
35	MS27039C1-09		Screw	4	...		189-305L1
36	MS27039C1-11		Screw	58	...		189-305L1

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#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
37	MS27039C1-12		Screw	12	...		189-305L1
38	NAS1149C0632R		Washer	8	...		189-305L1
39	NAS1149D0316K		Washer	108	...		189-305L1
40	NAS1474A3		Nut	50	...		189-305L1
41	8G2810V00632		Foam Low Density LHS Kit	1	.	(1)	189-305L1
42	8G2810V00732		Foam Low Density RHS Kit	1	.	(1)	189-305L1
43	NAS1149CN316R		Washer	20	.		189-305L1
44	NAS1097AD3-5A		Rivet	0.2 kg	.		189-305L1
45	999-0500-69-1		Hanger	10	.		189-305L1

PART II

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
46	8G2520F06411		KIT 4TH ROW FOLDABLE SEATS	REF	..		-
47	8G2520A47811		4TH ROW SEATS FOLDABLE INSTALLATION	REF	..		-
48	8G2520L00231		Strap Harness Stowage	4	...		189-305L2
49	8G2520A47911		4TH ROW SEATS FOLDABLE FIXED INSTALLATION	REF	...	(2)	-
50	1-10-AS5201BCR		Restraint system	4	....	(2)	189-305L3
51	8G2520A00931		Seat Pan Structure Assy	4	....	(2)	189-305L3
52	8G2520V00531		Cushion	4	....	(2) (4)	-
53	8G2520V00631		Cushion	2	....	(2) (4)	-
54	8G2520V00732		Cushion	2	....	(2) (4)	-
55	MS17985C509		Pin	8	....	(2)	189-305L3
56	MS24694-S51		Screw	16	....	(2)	189-305L3
57	A305A50B1Y		Velcro hook	4 m	....	(2) (3)	189-305L3
58	MS21042L3	NAS9926-3L	Nut	16	....	(2)	189-305L3
59	NAS1149D0316K		Washer	16	....	(2)	189-305L3
60	8G2520A48011		4TH ROW SEATS FOLDABLE REMOVABLE INSTALLATION	REF	...		-
61	8G2520A37851		Shim Peelable	1	....		189-305L2
62	8G2520A29331	8G2520A29331A1	Seat Back Lower Assy	1	....		189-305L2
63	8G2520A37431		Beam Attachment LHS Assy	1	....		189-305L2
64	8G2520A37631		Beam Attachment RHS Assy	1	....		189-305L2
65	8G2520A14131		Bracket Seat Back Lower Assy CTR LHS	1	....		189-305L2
66	8G2520A14331		Bracket Seat Back Lower Assy CTR RHS	1	....		189-305L2
67	8G2520A12931		Bracket Assy	1	....		189-305L2
68	1-08-D60201BCR		Restraint system	2	....		189-305L2
69	8G2520A13631		Seat Back Upper Assy LHS	1	....		189-305L2
70	8G2520A16131		Headrest Assy	2	....		189-305L2
71	8G2520A15131		Seat Back Upper Assy RHS	1	....		189-305L2
72	8G2520A08631		Lateral Beam Assy	1	....		189-305L2
73	NAS1149CN816R		Washer	8	....		189-305L2
74	MS27039C0808		Screw	8	....		189-305L2
75	MS21042-08		Nut	8	....		189-305L2
76	NAS623-3-4		Screw	8	....		189-305L2
77	NAS623-3-5		Screw	22	....		189-305L2
78	AN3C5A		Bolt	20	....		189-305L2
79	MS24694-S53		Screw	16	....		189-305L2
80	MS27039-1-08		Screw	4	....		189-305L2
81	MS27039C1-11		Screw	3	....		189-305L2

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
82	NAS1149D0316K		Washer	26	....		189-305L2
83	NAS1149D0363K		Washer	23	....		189-305L2
84	8G2520V00931		Cushion Headrest	2	....	(4)	-
85	8G2520V00831		Cushion Backrest Foldable Seat	2	....	(4)	-
86	8G1130A46311		4TH ROW LABELS STANDARD PARTS CABIN INSTALLATION	REF	...		-
87	AW002DC304A00		Decal	1	....		189-305L2
88	AW002DBHL001E02I		Decal	2	....		189-305L2
89	AW002DBHA017E01I		Decal	1	....		189-305L2
90	8G3320A05011		BAGGAGE LIGHT SWITCH INSTALLATION	REF	..		-
91	8G3320A04711		BAGGAGE LIGHT SWITCH INSTALLATION	REF	...		-
92	ED300ON		Decal	1	....		189-305L2
93	ED300OFF		Decal	1	....		189-305L2
94	ED300S303		Decal	1	....		189-305L2
95	8G9B21A49701	8G9B21A49701A2R	Baggage lights switch C/A (B1A497)	1	....		189-305L2
96	8G9C21A35201	8G9C21A35201A1R	Baggage lights switch C/A (C1A352)	1	....		189-305L2
97	8G9A21A45001	8G9A21A45001A1R	Baggage lights switch C/A (A1A450)	1	....		189-305L2
98	AW001CL001-N6		Support	2	....		189-305L2
99	8G5310A40011		STRUCTURAL PROVISION BAGGAGE LIGHT SWITCH	REF	...		-
100	8G2620A03911		EXTINGUISHER HF INSTALLATION STA5700	REF	..		-
101	P3APP003010D		Extinguisher (en)	1	...		189-305L2
102	P3APP003020B		Bracket	1	...		189-305L2
103	MS27039-1-08		Screw machine	4	...		189-305L2
104	NAS1149D0316K		Washer	4	...		189-305L2
105	AW003DC005E01		Decal	1	...		189-305L2
106	8G5310A39911		STRUCTURAL PROVISION HF EXT STA 5700	REF	...		-
107	8G2620A01231		Upper Bracket Assy	1	....		189-305L2
108	8G2620A01431		Lower Bracket Assy	1	....		189-305L2

Refer also to IPD for the spares materials required to comply with the AMP DMs referenced in the accomplishment instructions.

A.2 CONSUMABLES

The following consumable materials, or equivalent, are necessary to accomplish this Service Bulletin:

#	SPEC./LH CODE NUMBER	DESCRIPTION	Q.TY	NOTE	PART
109	MMM-A-132, Type 2, Class II or 199-05-002, Type I, Class 2 Code No. 900000581	Adhesive EA9309.3NA (C021)	AR	(7)	I, II
110	AWMS05-001 Type 1, Class C, Grade 1, Code No. 99999999000009854	Sealant MC780 C-2 (C465)	AR	(7)	I, II
111	MMM-A-132 Type 1, Class 3 or 199-05-002 Type II, Class 2 Code No. 900004603	Adhesive EA934NA (C057)	AR	(7)	I
112	Code No. 900005139	Adhesion promoter 86A (C198)	AR	(7)	II
113	199-05-107 Type II Class 5 Code No. 99999999000003034	Adhesive EC776 (C111)	AR	(7)	II

#	SPEC./LH CODE NUMBER	DESCRIPTION	Q.TY	NOTE	PART
114	199-05-002 Form II Code No. 900002803	Primer EA9203 (C268) 199-05-002 Form II	AR	(7)	II
115	RMTL430920 Code No. 999999999000004268	Velcro pile SJ3571	AR	(7)	II
116	RMTL438518	Velcro hook SJ3572	AR	(7)	II
117	EN6049-006-XX-5	Tubing braided	AR	(6) (7)	II
118	A236AXXAB	Edging	AR	(5)	II

Refer also to AMDI for the consumable materials required to comply with the AMP DMs referenced in the accomplishment instructions.

A.3 LOGISTIC MATRIX

In order to apply this Service Bulletin, the following Logistic P/N can be ordered in accordance with the applicable notes:

LOGISTIC P/N	Q.TY (PER HELO)	NOTE	PART
189-305L1	1		Part I
189-305L2	1		
189-305L3	1	(2)	
8G2520V00531	4	(2) (4)	
8G2520V00631	2	(2) (4)	Part II
8G2520V00732	2	(2) (4)	
8G2520V00931	2	(4)	
8G2520V00831	2	(4)	

NOTES

- (1) This item contains q.ty 1 of the following P/Ns: P/N 512685, P/N 512686, P/N 512688, P/N 512693, P/N 512694 and P/N 512695.
- (2) Item to be ordered ONLY if the “kit 16 passenger seats installation” P/N 8G2520F03311 is NOT in configuration.
- (3) The velcro tape is provided in rolls, trim at the necessary length. In the instructions hereby reported the length in mm is the last number of the P/N (i.e. A305A50B1Y170, the final length is 170 mm).
- (4) This item may be ordered as production P/N ending with suffix –R, –Q, –T or any combination of letters, depending on helicopter configuration.
- (5) Item to be ordered in qty. 1.2 m or multiples. The XX digits (01, 02, 03 or 04) of P/N A236AXXAB can be different based on the actual helicopter configuration.
- (6) The XX digits can vary depending on the actual helicopter configuration.
- (7) Item to be procured as local supply.

B. SPECIAL TOOLS

Refer to ITEP for the special tools required to comply with the AMP DMs referenced in the accomplishment instructions.

SPECIAL TOOLS NOTES

N.A.

C. INDUSTRY SUPPORT INFORMATION

Customization.

3. ACCOMPLISHMENT INSTRUCTIONS

GENERAL NOTES

- a) Place an identification tag on all components that are re-usable, including the attaching hardware that has been removed to gain access to the modification area and adequately protect them until their later re-use.
- b) Exercise extreme care during drilling operations to prevent instruments, cables and hoses damage.
- c) After drilling, remove all swarf and sharp edges. Apply on bare metal a light film of primer unless the hole is used for ground connection.
- d) During the installation of bonding braids or components requiring grounding, clean the surface structure in order to obtain a good ground contact.
- e) Let adhesive cure at room temperature for at least 24 hours unless otherwise specified.
- f) Exposed thread surface and nut must be protected using a layer of tectyl according to MIL-C-16173 grade I.
- g) The Velcro tape are provided in rolls, trim at the necessary length. In the instructions hereby reported the length in mm is the last number of the P/N (i.e. A305A50B1Y170, the final length is 170 mm).
- h) All lengths are in mm.

PART I

1. In accordance with AMP DM 89-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. In accordance with AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figures 1 thru 15, remove all external panels, internal panels and internal liners as required to gain access to the area affected by the installation.

NOTE

The following steps 3 and 4 are applicable ONLY for helicopters equipped with the “kit 16 passenger seats installation” P/N 8G2520F03311.

3. In accordance with applicable steps of AMP DM 89-E-25-29-01-00A-520A-A, temporarily remove n°4 backrest cushions P/N 8G2520V00631 and n°4 headrest cushions P/N 8G2520V00732.
4. In accordance with AMP DM 89-E-25-29-03-00A-520A-A, temporarily release n°4 restraint systems P/N 1-10-AS5201BCR.
5. In accordance with AMP DM 89-A-52-43-10-00A-520A-A and with reference to Figure 2 View A and Figure 3 View B, remove the following panels:
 - The fuel front lower lateral panel LHS P/N 8G5330A27831 (229D).
 - The fuel front lower lateral panel RHS P/N 8G5330A27931 (229F).
 - The fuel compartment front panel assy P/N 8G5330A27731 (229A).
 - The BL 490 fuel compartment vertical panel LHS assy P/N 4F5330A56632 (158C).
 - The BL 490 fuel compartment vertical panel RHS assy P/N 4F5330A56732 (158D).Retain fixed hardware for later re-use.
6. With reference to Figure 4 View C, remove the aft panel assy LH, all equipment and supports equipment present on the shelf assemblies, the upper shelf assy LH, the lower shelf assy LH.
7. With reference to Figure 4 View C, remove the panel assy LH P/N 8G5315A01633 with the related hardware. Retain fixed hardware for later re-use.
8. With reference to Figure 5 View D, install the foam P/N 512693, the foam P/N 512685 and the foam P/N 512686 by means of sealant MC780 C-2 (C465) on the fuel front lower lateral panel RHS P/N 8G5330A58131.
9. With reference to Figure 5 View E, install the foam P/N 512693, the foam P/N 512685 and the foam P/N 512686 by means of sealant MC780 C-2 (C465) on the fuel front lower lateral panel LHS P/N 8G5330A58031.
10. With reference to Figure 6 View F, rework the foam P/N 512688, the foam P/N 512694 and the foam P/N 512695 as indicated.
11. With reference to Figure 6 View F, install by means of sealant MC780 C-2 (C465) on the BL 490 fuel compartment vertical panel LHS assy P/N 8G5330A54731.
12. With reference to Figure 7 View K, rework the foam P/N 512688, the foam P/N 512694 and the foam P/N 512695 as indicated.
13. With reference to Figure 7 View K, install by means of sealant MC780 C-2 (C465) on the BL 490 fuel compartment vertical panel LHS assy P/N 8G5330A48231.

14. With reference to Figure 16 View AF, install n°5 hangers P/N 999-0500-69-1 by means of n°10 washers P/N NAS1149CN316R and n°20 rivets P/N NAS1097AD3-5A in the indicated positions on the BL 490 fuel compartment vertical panel LHS assy P/N 8G5330A48231.
15. With reference to Figure 17 View AG, install n°5 hangers P/N 999-0500-69-1 by means of n°10 washers P/N NAS1149CN316R and n°20 rivets P/N NAS1097AD3-5A in the indicated positions on the BL 490 fuel compartment vertical panel LHS assy P/N 8G5330A54731.
16. In accordance with AMP DM 89-A-06-41-00-00A-010A-A, and with reference to Figure 1 thru Figure 15, gain access to the area affected by the installation and perform the 4th row seat foldable structural provision P/N 8G5310A15711 as described in the following procedure:
 - 16.1 With reference to Figure 8 View P, drill n°3 holes $\varnothing 4.826 \div 4.946$ on the panel assy LH P/N 8G5315A01633.
 - 16.2 With reference to Figure 8 View P, install n°3 anchor nuts P/N A389A3C2PF by means of adhesive EA9309.3NA (C021) on the panel assy LH P/N 8G5315A01633. Remark with P/N 8G5315A07631.

NOTE

For helicopters equipped with “kit 16 passenger seats installation” P/N 8G2520F03311, skip to step 16.8.

- 16.3 With reference to Figure 9 View Q, temporarily locate the fuel compartment front panel assy P/N 8G5330A27731, the mounting RH rear assy P/N 8G5330A34831, the mounting LH rear assy P/N 8G5330A34631 and countermark position of n°50 anchor nut holes.
- 16.4 With reference to Figure 9 View R, rework the fuel tank floor side connector LHS P/N 4F5330A45052 as described in the following procedure:
 - 16.4.1 Remove existing rivet.
 - 16.4.2 Drill anchor nut hole $\varnothing 4.826 \div 4.946$ in the previously countermarked position.
 - 16.4.3 Install the anchor nut P/N NAS1474A3 by means of n°2 rivets P/N MS20426E3-6.
- 16.5 With reference to Figure 9 View R, rework the fuel tank floor side connector RHS P/N 4F5330A45152 as described in the following procedure:
 - 16.5.1 Remove existing rivet.
 - 16.5.2 Drill anchor nut hole $\varnothing 4.826 \div 4.946$ in the previously countermarked position.

- 16.5.3 Install the anchor nut P/N NAS1474A3 by means of n°2 rivets P/N MS20426E3-6.
- 16.6 With reference to Figure 9 View R, rework the fuel tank floor main transverse profile P/N 4F5330A73251 as described in the following procedure:
- 16.6.1 Drill n° 48 anchor nut holes $\varnothing 4.826 \div 4.946$ in the previously countermarked positions.
- 16.6.2 Install n°48 anchor nuts P/N NAS1474A3 by means of n°96 rivets P/N MS20426E3-5.
- 16.7 With reference to Figure 9 thru Figure 11, rework the fuel compartment front panel assy P/N 8G5330A27731 as described in the following procedure:
- 16.7.1 With reference to Figure 9 View Q, drill n°50 holes $\varnothing 4.826 \div 4.946$.
- 16.7.2 With reference to Figure 10 View S, View T and View U, temporarily locate the following parts and countermark positions of n°20 insert holes:
- the mounting RH outboard FWD assy P/N 8G5330A34232;
 - the mounting RH inboard FWD assy P/N 8G5330A34432;
 - the mounting LH inboard FWD assy P/N 8G5330A34032;
 - the mounting LH outboard FWD assy P/N 8G5330A33632;
 - the mounting RH middle FWD assy P/N 8G5330A52031;
 - the mounting RH middle FWD assy P/N 8G5330A33832.
- 16.7.3 With reference to Figure 10 View S, View T and View U, drill n°20 holes $\varnothing 9.50 \div 9.60$ in the previously countermarked positions.
- 16.7.4 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D and with reference to Figure 11 Section V-V, install n°12 inserts P/N 999-5000-30-209 and n°12 washers P/N NAS1149C0616R by means of adhesive EA934.NA (C057) on the FWD face of the fuel compartment front panel assy P/N 8G5330A27731.
- 16.7.5 In accordance with CSRP DM CSRP-A-51-42-00-00A-720A-D with reference to Figure 11 Section W-W, install n°8 inserts P/N 999-5000-30-117, n°8 washers P/N NAS1149C0616R and n°8 washers P/N NAS1149C0632R by means of adhesive EA934.NA (C057) on the upper face of the fuel compartment front panel assy P/N 8G5330A27731.
- 16.8 With reference to Figure 4 View C, install the panel assy LH P/N 8G5315A07631 by means of previously removed hardware.
- 16.9 With reference to Figure 4 View C, re-install all equipment and supports equipment on the shelf assemblies, the upper shelf assy LH, the lower shelf assy LH and the aft panel assy LH.

- 16.10 In accordance with AMP DM 89-A-52-43-10-00A-720A-A and with reference to Figure 2 View A and Figure 3 View B, install the following panels by means of previously removed hardware:
- 16.10.1 The BL 490 fuel compartment vertical panel LHS assy P/N 8G5330A48231 (158C).
 - 16.10.2 The BL 490 fuel compartment vertical panel RHS assy P/N 8G5330A54731 (158D).
 - 16.10.3 The fuel compartment front panel assy P/N 8G5330A27731 (229A).
 - 16.10.4 The fuel front lower lateral panel LHS P/N 8G5330A58031 (229D).
 - 16.10.5 The fuel front lower lateral panel RHS P/N 8G5330A58131 (229F).
- 16.11 With reference to Figure 2 View A, install n°8 setscrews P/N A259A03-05 and n°2 setscrews P/N A259A03-08 on the BL 490 fuel compartment vertical panel RHS assy P/N 8G5330A54731.
- 16.12 With reference to Figure 3 View B, install n°8 setscrews P/N A259A03-05 and n°2 setscrews P/N A259A03-08 on the BL 490 fuel compartment vertical panel LHS assy P/N 8G5330A48231.
- 16.13 With reference to Figure 2 View A, install the restraint strap guide bracket P/N 8G5330A38251 and the restraint strap guide angle P/N 8G5330A38151 by means of n°3 bolts P/N A875A3V03 and n°3 bolts P/N A875A3V06 on the fuel front lower lateral panel RHS P/N 8G5330A58131.
- 16.14 With reference to Figure 3 View B, install the restraint strap guide bracket P/N 8G5330A38251 and the restraint strap guide angle P/N 8G5330A38151 by means of n°3 bolts P/N A875A3V03 and n°3 bolts P/N A875A3V06 on the fuel front lower lateral panel RHS P/N 8G5330A58031.

NOTE

For helicopters equipped with the “kit 16 passenger seats installation” P/N 8G2520F03311, skip to step 17.

- 16.15 With reference to Figure 13 View Y, install the mounting RH rear assy P/N 8G5330A34831 by means of n°3 screws P/N MS27039C1-12, n°24 screws P/N MS27039C1-11 and n°27 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.
- 16.16 With reference to Figure 13 View Z, install the mounting LH rear assy P/N 8G5330A34631 by means of n°3 screws P/N MS27039C1-12, n°24 screws P/N MS27039C1-11 and n°27 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

- 16.17 With reference to Figure 14 View AA, install the mounting RH outboard FWD assy P/N 8G5330A34232 and the shim laminated outboard P/N 8G5330A35052 by means of n°2 screws P/N MS27039C1-09, n°3 screws P/N MS27039C1-10, the screw P/N MS27039C1-08, n°3 screws P/N MS27039C1-11, the screw P/N MS27039C1-07 and n°10 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.
- 16.18 With reference to Figure 14 View AB, install the mounting RH middle FWD assy P/N 8G5330A52031 and the shim laminated RH middle P/N 8G5330A52251 by means of n°7 screws P/N MS27039C1-08, n°3 screws P/N MS27039C1-12 and n°10 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.
- 16.19 With reference to Figure 14 View AC, install the mounting RH inboard FWD assy P/N 8G5330A34432 and the shim laminated RH inboard P/N 8G5330A52351 by means of n°3 screws P/N MS27039C1-08, n°2 screws P/N MS27039C1-10, the screw P/N MS27039C1-11 and n°6 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.
- 16.20 With reference to Figure 14 View AC, install the mounting LH inboard FWD assy P/N 8G5330A34032 and the shim laminated LH inboard P/N 8G5330A35252 by means of n°3 screws P/N MS27039C1-08, n°2 screws P/N MS27039C1-10, the screw P/N MS27039C1-11 and n°6 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.
- 16.21 With reference to Figure 15 View AD, install the mounting LH middle FWD assy P/N 8G5330A33832 and the shim laminated LH middle P/N 8G5330A35152 by means of n°7 screws P/N MS27039C1-08, n°3 screws P/N MS27039C1-12 and n°10 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.
- 16.22 With reference to Figure 15 View AE, install the mounting LH outboard FWD assy P/N 8G5330A33632 and the shim laminated outboard P/N 8G5330A35052 by means of n°2 screws P/N MS27039C1-09, n°3 screws P/N MS27039C1-10, the screw P/N MS27039C1-08, n°3 screws P/N MS27039C1-11, the screw P/N MS27039C1-07 and n°10 washers P/N NAS1149D0316K on the fuel compartment front panel assy P/N 8G5330A27731.

NOTE

The following steps 17 and 18 are applicable ONLY for helicopters equipped with the “kit 16 passenger seats installation” P/N 8G2520F03311.

17. In accordance with applicable steps of AMP DM 89-E-25-29-01-00A-720A-A, re-install n°4 backrest cushions P/N 8G2520V00631 and n°4 headrest cushions P/N 8G2520V00732.
18. In accordance with AMP DM 89-E-25-29-03-00A-720A-A, re-install n°4 restraint systems P/N 1-10-AS5201BCR.
19. In accordance with weight and balance changes, update the Chart A (see Rotorcraft Flight Manual, Part II, section 6).
20. Return the helicopter to flight configuration and record for compliance with Part I of this Service Bulletin on the helicopter logbook.
21. Gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.

As an alternative, send the attached compliance form to the following mail box:

engineering.support.lhd@leonardo.com

and (for North, Central and South America) also to:

AWPC.Engineering.Support@leonardocompany.us

PART II

1. In accordance with AMP DM 89-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.

NOTE

The following step 2 is applicable ONLY for helicopters NOT equipped with the "kit 16 passenger seats installation" P/N 8G2520F03311.

2. In accordance with AMP DM 89-A-06-41-00-00A-010A-A, and with reference to Figure 18 thru Figure 23, gain access to the area affected by the installation and perform the 4th row seats foldable fixed installation P/N 8G2520A47911 as described in the following procedure:

NOTE

Tape strips may be tailored as required during installation, to best suit attachment structure and liners.

- 2.1 With reference to Figure 19 View B, install n°4 tape P/N A305A50B1Y170 and n°4 tape P/N A305A50B1Y480 on the indicated positions by means of adhesive EC776 (C111).
- 2.2 With reference to Figure 21 Detail E, temporarily remove the mounting RH rear assy P/N 8G5330A34831.
- 2.3 In accordance with AMP DM 89-E-25-29-02-00A-720A-B and with reference to Figure 21 Detail E, install n°2 restraint system P/N 1-10-AS5201BCR by means of n°8 screws P/N MS24694-S51, n°8 washers P/N NAS1149D0316K and n°8 nuts P/N MS21042L3 on the mounting RH rear assy P/N 8G5330A34831.
- 2.4 With reference to Figure 21 Detail E, re-install the mounting RH rear assy P/N 8G5330A34831.
- 2.5 With reference to Figure 22 Detail F, temporarily remove the mounting RH rear assy P/N 8G5330A34631.
- 2.6 In accordance with AMP DM 89-E-25-29-02-00A-720A-B and with reference to Figure 22 Detail F, install n°2 restraint systems P/N 1-10-AS5201BCR by means of n°8 screws P/N MS24694-S51, n°8 washers P/N NAS1149D0316K and n°8 nuts P/N MS21042L3 on the mounting RH rear assy P/N 8G5330A34631.
- 2.7 With reference to Figure 22 Detail F, re-install the mounting RH rear assy P/N 8G5330A34831.

- 2.8 In accordance with AMP DM 89-D-25-29-08-00A-720A-A and with reference to Figure 20 View D, put n°2 restraint systems P/N 1-10-AS5201BCR through the bracket P/N 8G5330A38251 and the angle P/N 8G5330A38151.
 - 2.9 With reference to Figure 19 View C, cut n°4 strips of velcro pile P/N SJ3571 and install by means of adhesion promoter 86A (C198) in the indicated positions. Cut and install n°4 strips of velcro hook P/N SJ3572.
 - 2.10 With reference to Figure 12 View X, install n°4 strap harnesses stowage 8G2520L00231 fix to the velcro on the structure.
 - 2.11 With reference to Figure 20 View D, individually roll up n°2 released shoulder restraints P/N 1-10-AS5201BCR and securely stow using the harness stowage strap P/N 8G2520L00231.
 - 2.12 In accordance with applicable steps of AMP DM 89-E-25-29-01-00A-720A-A and with reference to Figure 23 View G, install n°4 seat pan structure assemblies P/N 8G2520A00931 by means of n°8 pins P/N MS17985C509.
 - 2.13 In accordance with applicable steps of AMP DM 89-D-25-29-01-00A-720A-A and with reference to Figure 23 View G, install n°2 cushions P/N 8G2520V00631 fix to the velcro on the panel.
 - 2.14 In accordance with applicable steps of AMP DM 89-D-25-29-01-00A-720A-A and with reference to Figure 23 View G, install n°2 cushions P/N 8G2520V00732 fix to the velcro on the panel.
 - 2.15 With reference to Figure 23 View G, fix the restraint systems to the seat pan structure assemblies by means of existing hardware.
3. In accordance with AMP DM 89-A-06-41-00-00A-010A-A, and with reference to Figure 24 thru Figure 28, gain access to the area affected by the installation and perform the 4th row seats foldable removable installation P/N 8G2520A47811 as described in the following procedure:

NOTE

The following steps 3.1 thru 3.9 are applicable only for helicopters equipped with the “kit 16 passenger seats installation” P/N 8G2520F03311.

- 3.1 In accordance with applicable steps of AMP DM 89-E-25-29-01-00A-520A-A, remove n°2 headrest cushions P/N 8G2520V00732, n°2 backrest cushions P/N 8G2520V00631 from the central locations.
- 3.2 In accordance with applicable steps of AMP DM 89-E-25-29-01-00A-520A-A, release n°2 shoulder straps of restraint systems P/N 1-10-AS5201BCR from the central locations.

- 3.3 In accordance with applicable steps of AMP DM 89-E-25-29-01-00A-520A-A, unclip the shoulder restraints P/N 1-10-AS5201BCR from the restraint buckle (2 off) in the central locations.
- 3.4 In accordance with applicable steps of AMP DM 89-E-25-29-01-00A-520A-A, temporarily remove n°2 seat cushions P/N 8G2520V00531 and n°2 seat pan structure assemblies P/N 8G2520A00931 from the central locations.
- 3.5 With reference to Figure 19 View C, cut n°4 strips of velcro pile P/N SJ3571 and install by means of adhesion promoter 86A (C198) in the indicated positions. Cut and install n°4 strips of velcro hook P/N SJ3572.
- 3.6 With reference to Figure 12 View X, install n°4 strap harnesses stowage 8G2520L00231 fix to the velcro on the structure.
- 3.7 With reference to Figure 20 View D, individually roll up n°2 released shoulder restraints P/N 1-10-AS5201BCR in the central locations and securely stow using the harness stowage strap P/N 8G2520L00231.
- 3.8 In accordance with applicable steps of AMP DM 89-D-25-29-02-00A-720A-A, re-install n°2 seat cushions P/N 8G2520V00531 and n°2 seat pan structure assemblies P/N 8G2520A00931 previously removed.
- 3.9 In accordance with applicable steps of AMP DM 89-E-25-82-05-00A-520A-A, remove the liner soft aft cabin P/N 8G2580L33151. Ensuring all fasteners are re-installed back into the airframe structure.
- 3.10 In accordance with AMP DM 89-A-52-43-10-00A-520A-A, remove the centre fuel tank panel assy P/N 8G5330A54331 (229E). Ensuring all fasteners are re-installed back into the airframe structure.
- 3.11 In accordance with applicable steps of AMP DM 89-D-25-29-12-00A-720A-A and with reference to Figure 24 Detail B, install the bracket assy P/N 8G2520A12931 by means of n°2 screws P/N MS27039C1-11, the screw P/N MS27039C1-13 and n°3 washers P/N NAS1149D0363K.

NOTE

Make sure the distance between the beam attachments P/N 8G2520A37431 and P/N 8G2520A37631 is 891,714÷891,814. Adjust the thickness of shim to obtain the required distance (Ref. Figure 23 Detail J).

- 3.12 In accordance with applicable steps of AMP DM 89-D-25-29-12-00A-720A-A and with reference to Figure 26 Detail D, install the beam attachment LHS assy P/N 8G2520A37431 by means of n°20 bolts P/N AN3C5A and n°20 washers P/N NAS1149D0363K.

- 3.13 In accordance with applicable steps of AMP DM 89-D-25-29-12-00A-720A-A and with reference to Figure 26 Detail D, install the beam attachment RHS assy P/N 8G2520A37631 and the shim peelable P/N 8G2520A37851 by means of n°20 bolts P/N AN3C5A and n°20 washers P/N NAS1149D0363K.
- 3.14 In accordance with AMP DM 89-D-25-29-11-00A-720A-A and with reference to Figure 26 Detail D, install the lateral beam assy P/N 8G2520A08631 on the beam attachments LHS/RHS.
- 3.15 In accordance with AMP DM 89-D-25-29-10-00A-720A-A and with reference to Figure 27 Detail E, install the bracket seat back lower assy central RHS P/N 8G2520A14331 by means of n°4 screws P/N NAS623-3-4.
- 3.16 In accordance with AMP DM 89-D-25-29-10-00A-720A-A and with reference to Figure 27 Detail E, install the bracket seat back lower assy central LHS P/N 8G2520A14131 by means of n°4 screws P/N NAS623-3-4.
- 3.17 In accordance with AMP DM 89-D-25-29-05-00A-720A-A and with reference to Figure 27 Detail E, install the seat back lower assy P/N 8G2520A29331 by means of n°22 screws P/N NAS623-3-5, n°4 screws P/N MS27039-1-08 and n°4 washers P/N NAS1149D0316K.
- 3.18 In accordance with AMP DM 89-D-25-29-04-00A-720A-A and with reference to Figure 28 View F, install the seat back upper assy RHS P/N 8G2520A15131 by means of n°4 screws P/N MS27039C0808, n°4 washers P/N NAS1149CN816R and n°4 nuts P/N MS21042-08.
- 3.19 In accordance with AMP DM 89-D-25-29-04-00A-720A-A and with reference to Figure 28 View F, install the seat back upper assy LHS P/N 8G2520A13631 by means of n°4 screws P/N MS27039C0808, n°4 washers P/N NAS1149CN816R and n°4 nuts P/N MS21042-08.
- 3.20 In accordance with applicable steps of AMP DM 89-D-25-29-02-00A-720A-A and with reference to Figure 28 View F, install n°2 cushion backrest foldable seat fix to the velcro on the seat back upper assemblies LHS/RHS.
- 3.21 In accordance with AMP DM 89-D-25-29-07-00A-720A-A and with reference to Figure 28 View F, install n°2 restraint systems P/N 1-08-D60201BCR by means of n°16 screws P/N MS24694-S53.
- 3.22 In accordance with AMP DM 89-D-25-29-03-00A-720A-A and with reference to Figure 28 View F, install n°2 cushion headrests P/N 8G2520V00931 and n°2 headrest assemblies P/N 8G2520A16131.
- 3.23 With reference to Figure 23 View G, fix the restraint systems to the seat pan structure assemblies by means of existing hardware.

- 3.24 In accordance with AMP DM 89-A-11-00-01-00A-720A-A and with reference to Figure 28 View F, install n°2 decals P/N AW002DBHL001E02I, the decal AW002DBHA017E01I and the decal AW002DC304A00 in the indicated positions.
4. In accordance with AMP DM 89-A-06-41-00-00A-010A-A, and with reference to Figure 29 thru Figure 34, gain access to the area affected by the installation and perform the baggage lights switch installation P/N 8G3320A05011 as described in the following procedure:
- 4.1 With reference to Figure 30 View A, temporarily remove the mounting equipment LH assy P/N 8G5315A42331 with the related hardware.
- 4.2 With reference to Figure 31 View B, perform the structural provision baggage light switch P/N 8G5310A40011 performing the indicated cut-out on the mounting equipment LH assy P/N 8G5315A42331.
- 4.3 With reference to Figure 31 Section C-C and Section D-D, install n°2 supports AW001CL001-N6 by means of adhesive EA9309.3NA (C021) on the mounting equipment LH assy P/N 8G5315A42331.
- 4.4 With reference to Figure 30 View A, re-install the mounting equipment LH assy P/N 8G5315A42331 by means of previously removed hardware.

NOTE

Use edging P/N A236A on metallic edges which can damage cable assemblies and where abrasion may occur.

Use braided tubing P/N EN6049-006 where cable assemblies chafing or contact with structure may occur. Secure the cables by means of previously installed fixing hardware and existing hardware. If necessary replace existing clamps with suitable clamps.

- 4.5 With reference to Figures 29 thru 34, lay down the following cable assemblies following the existing route unless otherwise indicated on the figures:
- Baggage Lights Switch C/A (B1A497) P/N 8G9B21A49701;
 - Baggage Lights Switch C/A (C1A352) P/N 8G9C21A35201;
 - Baggage Lights Switch C/A (A1A450) P/N 8G9A21A45001.
- 4.6 With reference to Figures 29 thru 34 and Figures 38 wiring diagrams, perform the electrical connections of C/A A1A450 between sectioning connector P127, and terminal board TB155/7.
- 4.7 With reference to Figures 29 thru 34 and Figures 38 wiring diagrams, perform the electrical connections of C/A B1A497 between sectioning connectors J127 and

- J213, and splice S303.
- 4.8 With reference to Figures 29 thru 34 and Figures 38 wiring diagrams, perform the electrical connections of C/A C1A352 between sectioning connectors P213 and terminal board TB3031.
- 4.9 Perform a pin-to-pin continuity check on all the electrical connections previously performed.
5. In accordance with AMP DM 89-A-06-41-00-00A-010A-A, and with reference to Figures 35 thru 37, gain access to the area affected by the installation and perform the extinguisher HF installation STA5700 P/N 8G2620A03911 as described in the following procedure:
- 5.1 In accordance with applicable steps of AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figure 35, temporarily remove the LH aft door incoming P/N 8G5335A01151 (224D) with the related hardware. Retain for later re-use.
- 5.2 With reference to Figure 34 View A, remove organic finish on indicated surfaces.

NOTE

Apply primer EA9203 (C268) to assure the correct bonding on the contact surfaces of the “STA5700 frame side part LHS assy” P/N 8G5330A211320, the “upper bracket assy” P/N 8G2620A01231 and the “lower bracket assy” P/N 8G2620A01431 (Ref. Figure 34 View A and View B).

- 5.3 With reference to Figure 36 View B, install the upper bracket assy P/N 8G2620A01231 by means of adhesive EA9309.3NA (C021).
- 5.4 With reference to Figure 36 View B, install the lower bracket assy P/N 8G2620A01431 by means of adhesive EA9309.3NA (C021).
- 5.5 With reference to Figure 36 View C, filled the void between the radius of the frame and the upper bracket assy P/N 8G2620A01231 by means of sealant MC780 C-2 (C465).
- 5.6 With reference to Figure 37 View D, perform cut-out according to the upper bracket assy P/N 8G2620A01231 on the LH aft door incoming P/N 8G5335A01151.
- 5.7 With reference to Figure 37 View D, perform cut-out according to the lower bracket assy P/N 8G2620A01431 on the LH aft door incoming P/N 8G5335A01151.
- 5.8 In accordance with applicable steps of AMP DM 89-A-06-41-00-00A-010A-A and with reference to Figure 35, re-install the LH aft door incoming P/N 8G5335A01151 (224D) by means of previously removed hardware.
- 5.9 With reference to Figure 37 View E, install the bracket P/N P3APP003020B by

means of n°4 screws P/N MS27039-1-08 and n°4 washers P/N NAS1149D0316K.

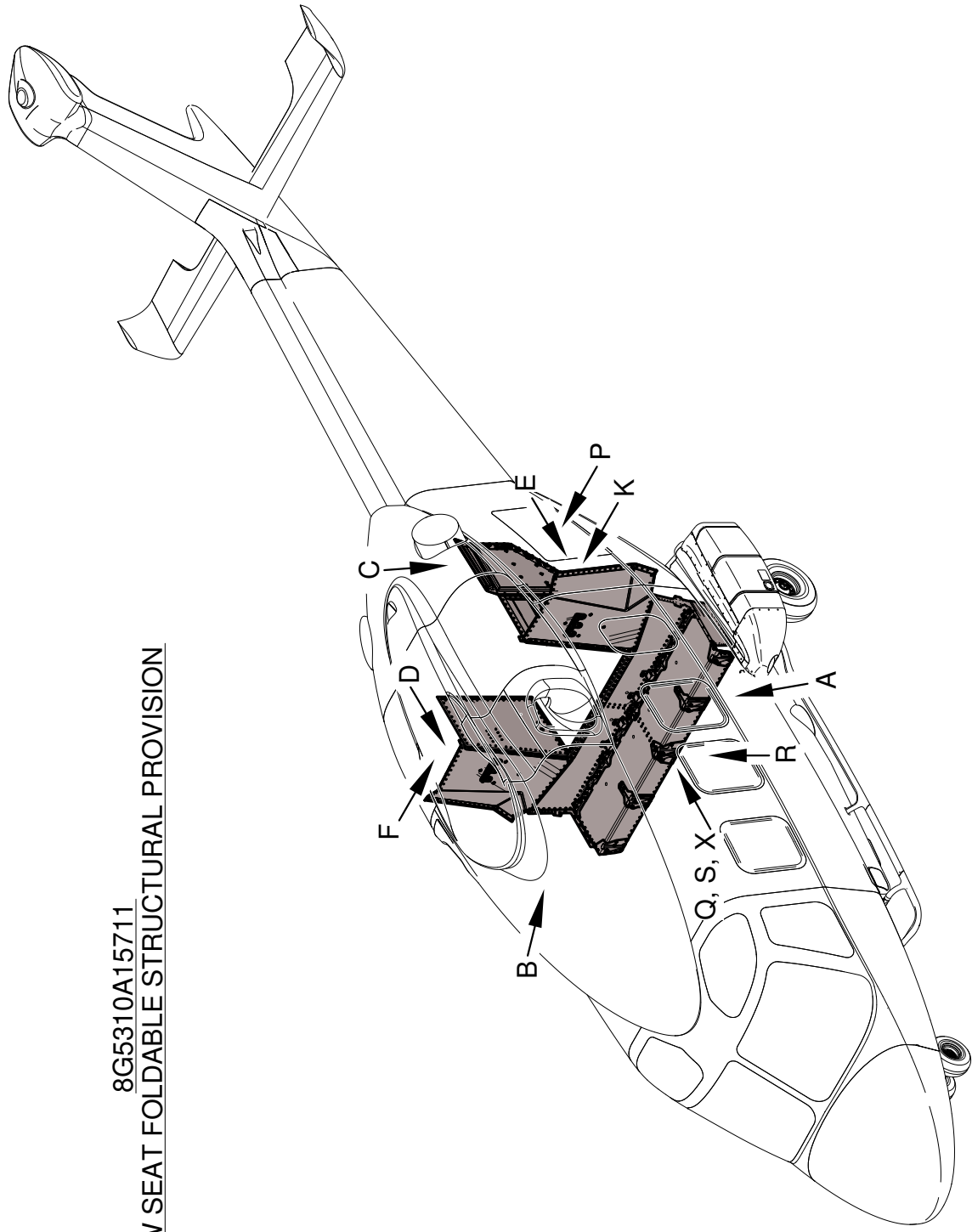
- 5.10 With reference to Figure 37 View E, install the extinguisher P/N P3APP003010D.
- 5.11 In accordance with AMP DM 89-A-11-00-01-00A-720A-A and with reference to Figure 37 View E, install the decal P/N AW003DC005E01 in an area adjacent to previously installed the extinguisher.
6. In accordance with weight and balance changes, update the Chart A (see Rotorcraft Flight Manual, Part II, section 6).
7. Return the helicopter to flight configuration and record for compliance with Part II of this Service Bulletin on the helicopter logbook.
8. Gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.

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8G5310A15711
4TH ROW SEAT FOLDABLE STRUCTURAL PROVISION

Figure 1

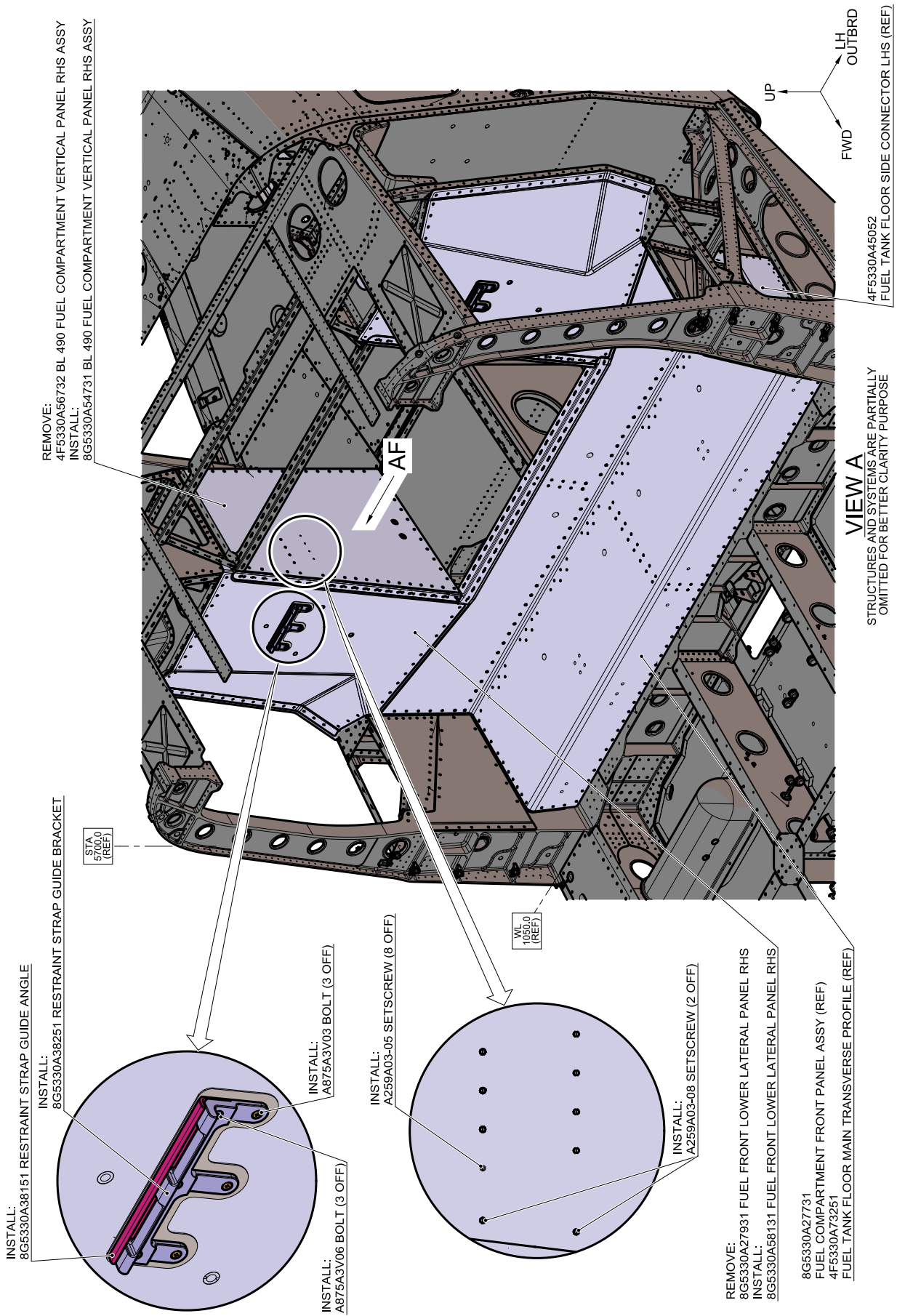


Figure 2

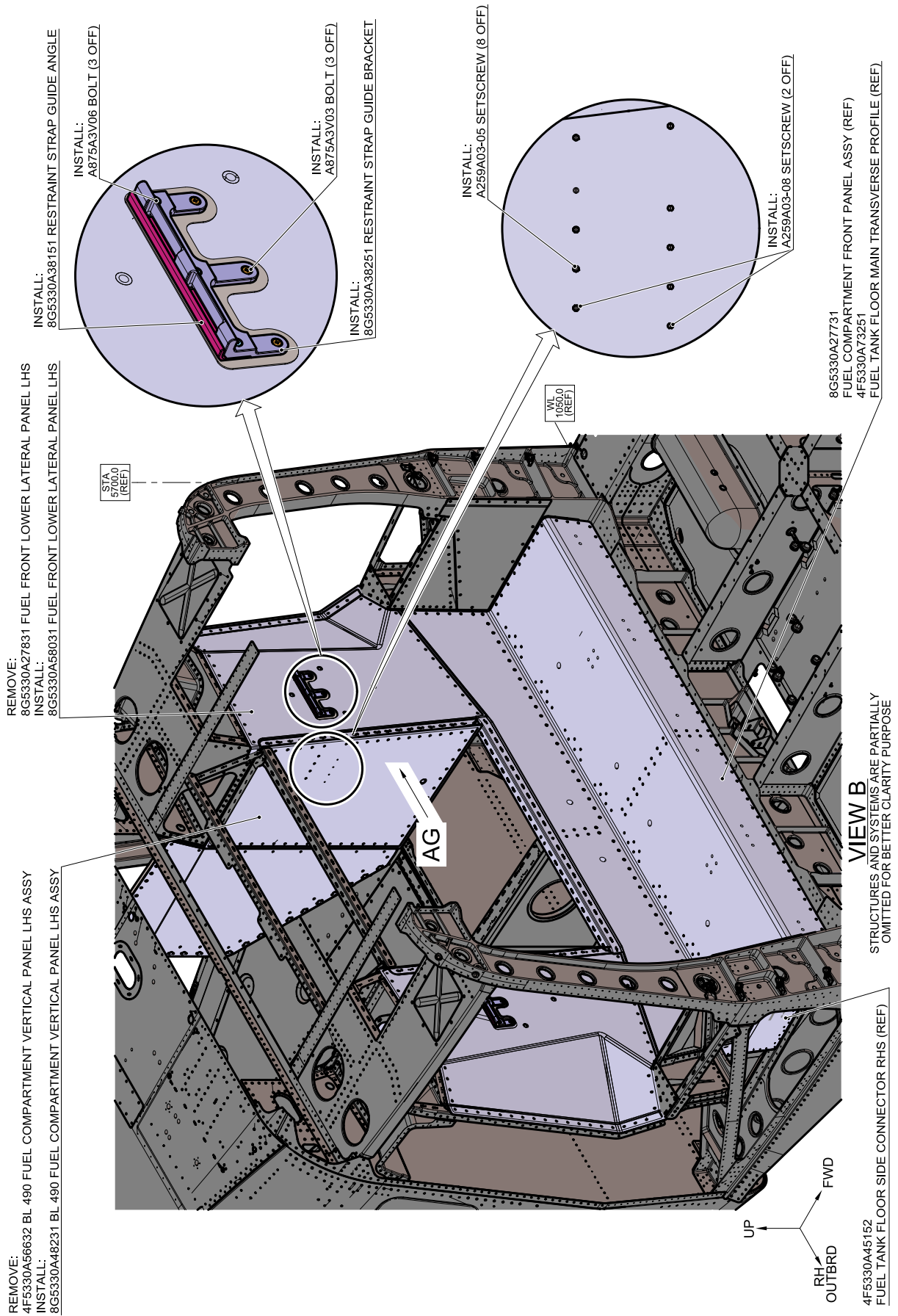


Figure 3

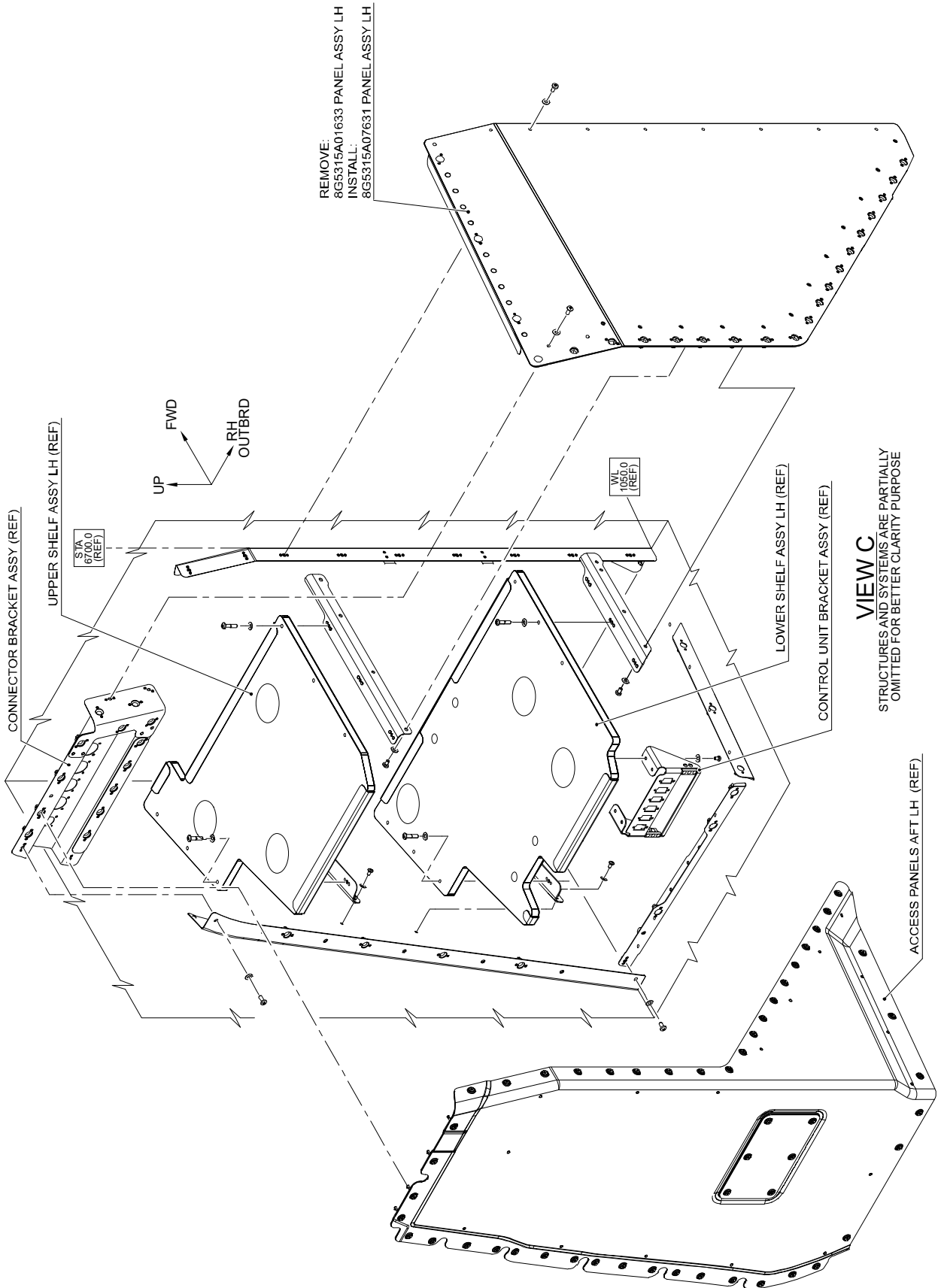


Figure 4

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
REVISION: /

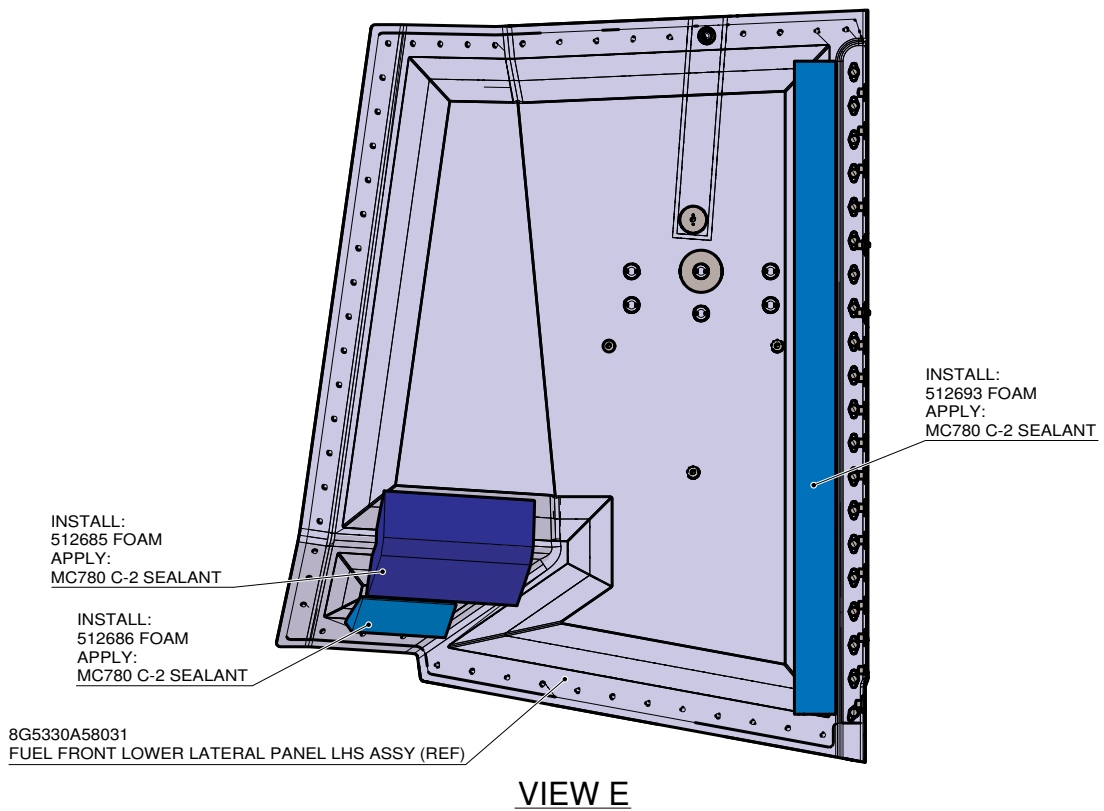
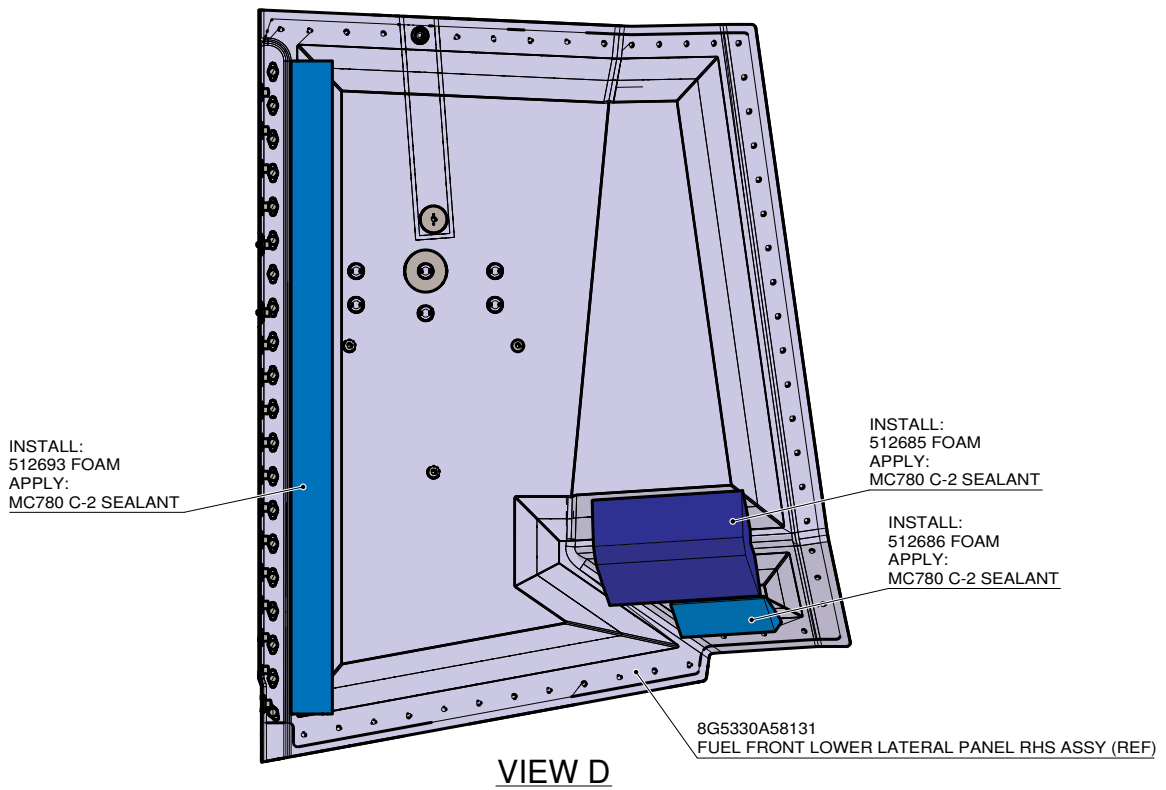


Figure 5

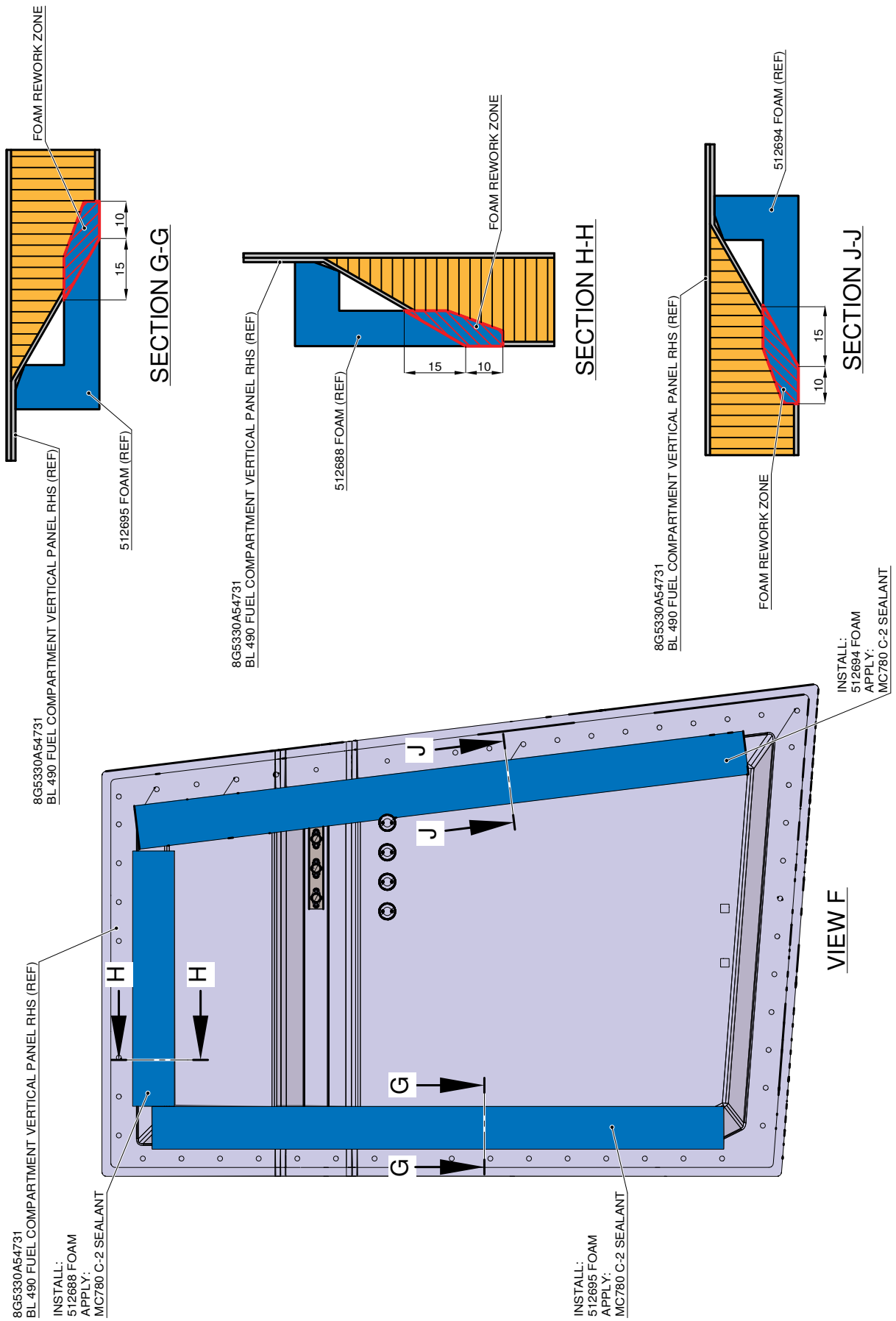


Figure 6

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
REVISION: /

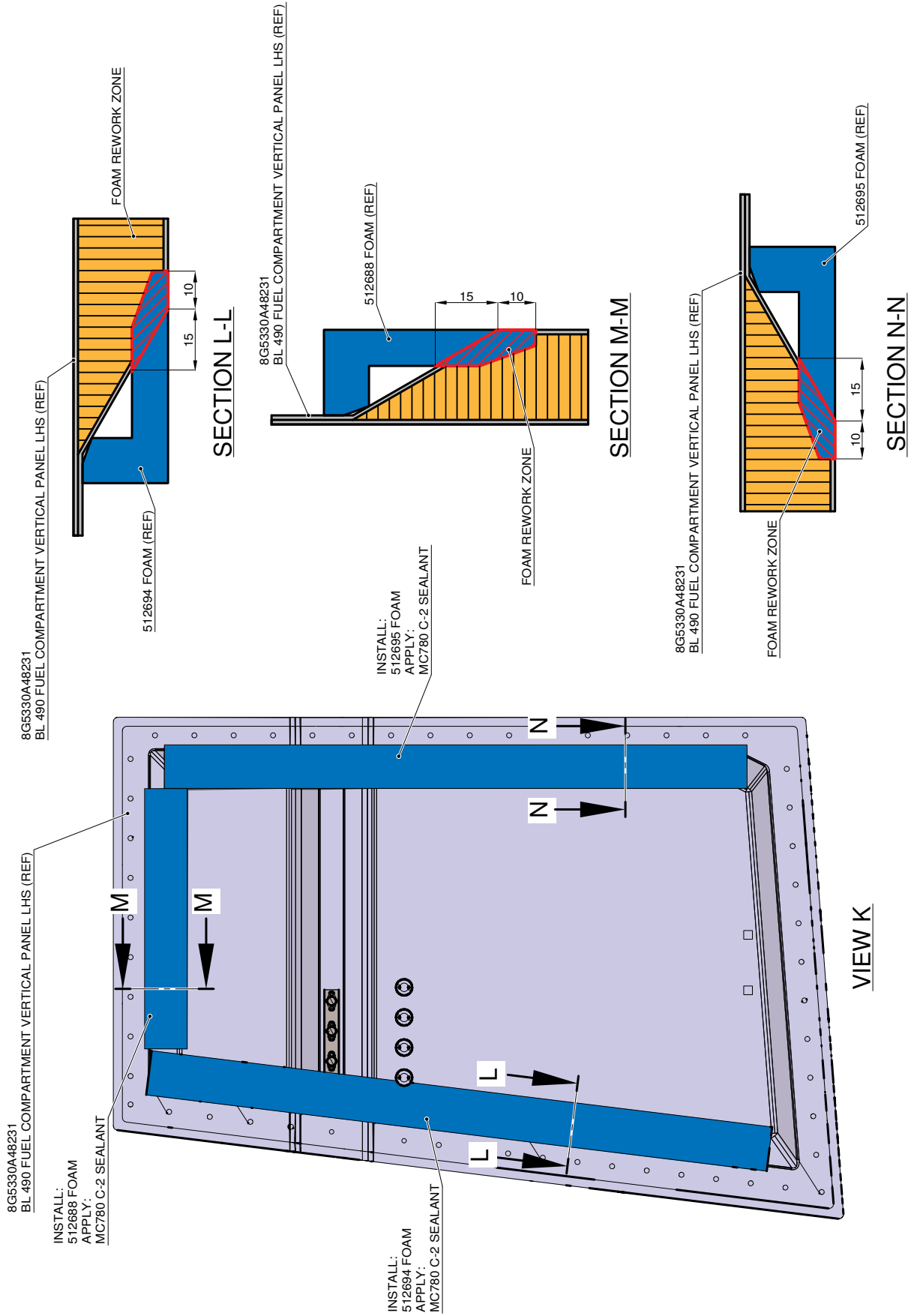
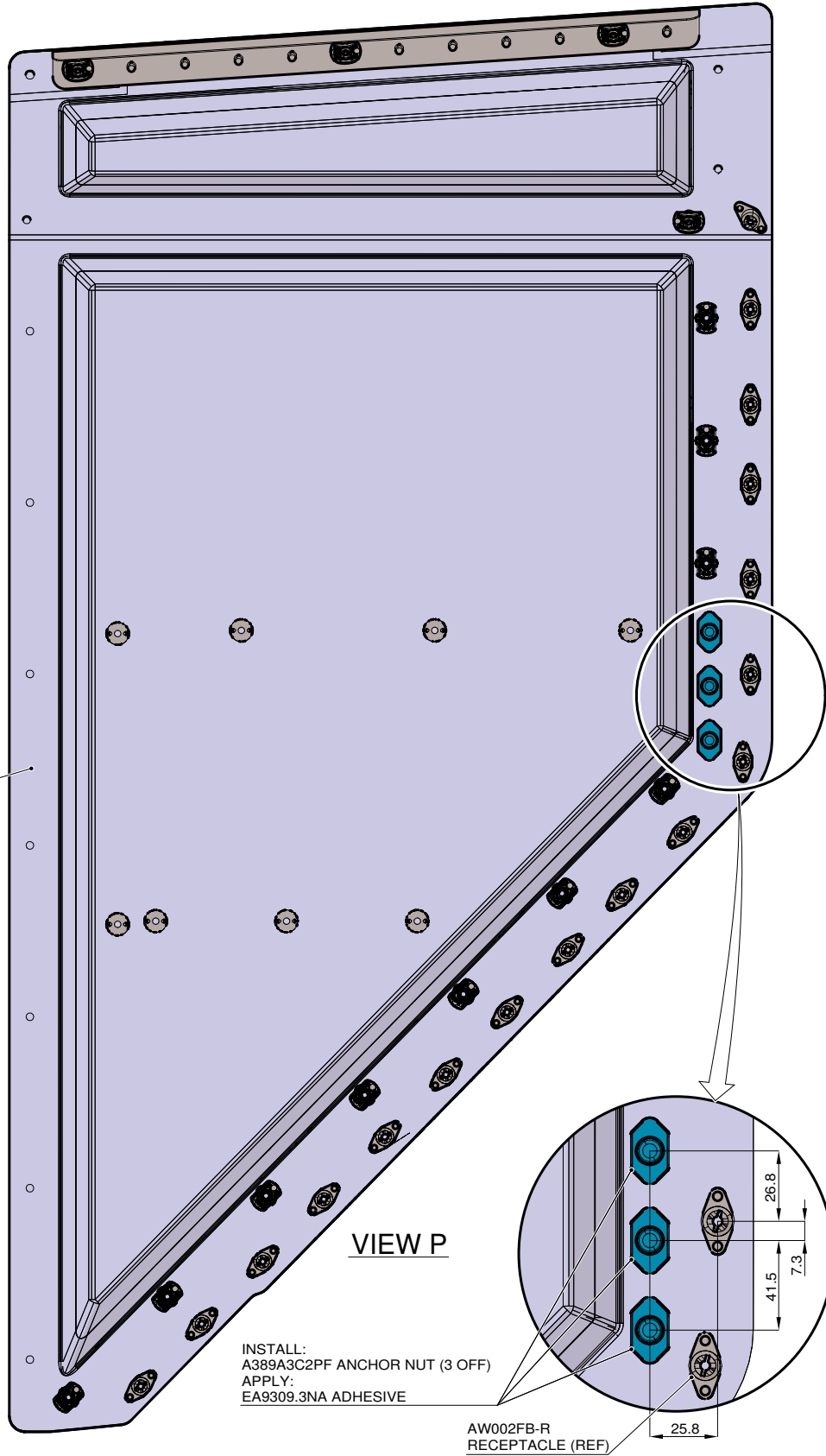


Figure 7

8G5315A01633
PANEL ASSY LH
(REF)



VIEW P

INSTALL:
A389A3C2PF ANCHOR NUT (3 OFF)
APPLY:
EA9309.3NA ADHESIVE

AW002FB-R
RECEPTACLE (REF)

Figure 8

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
REVISION: /

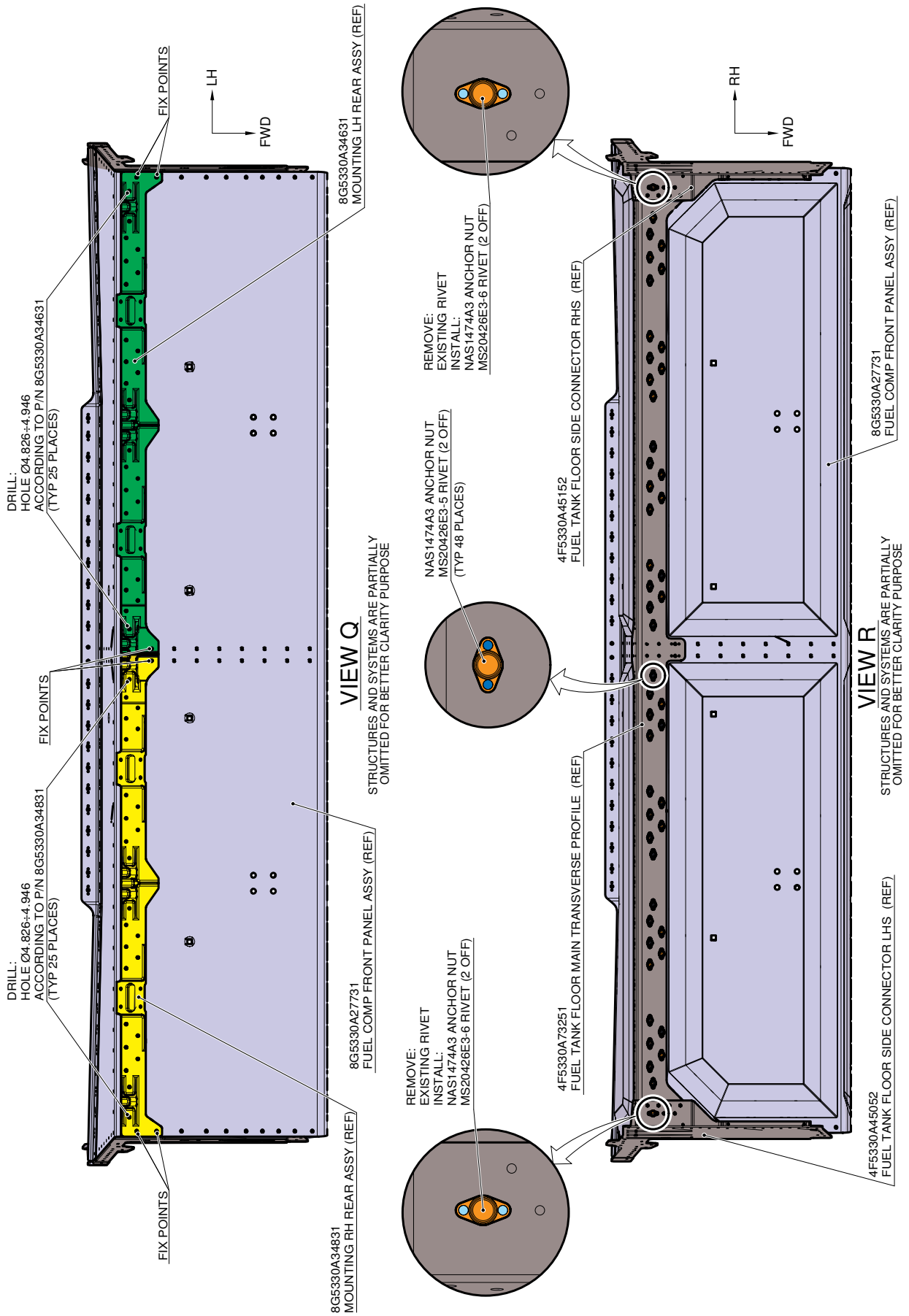


Figure 9

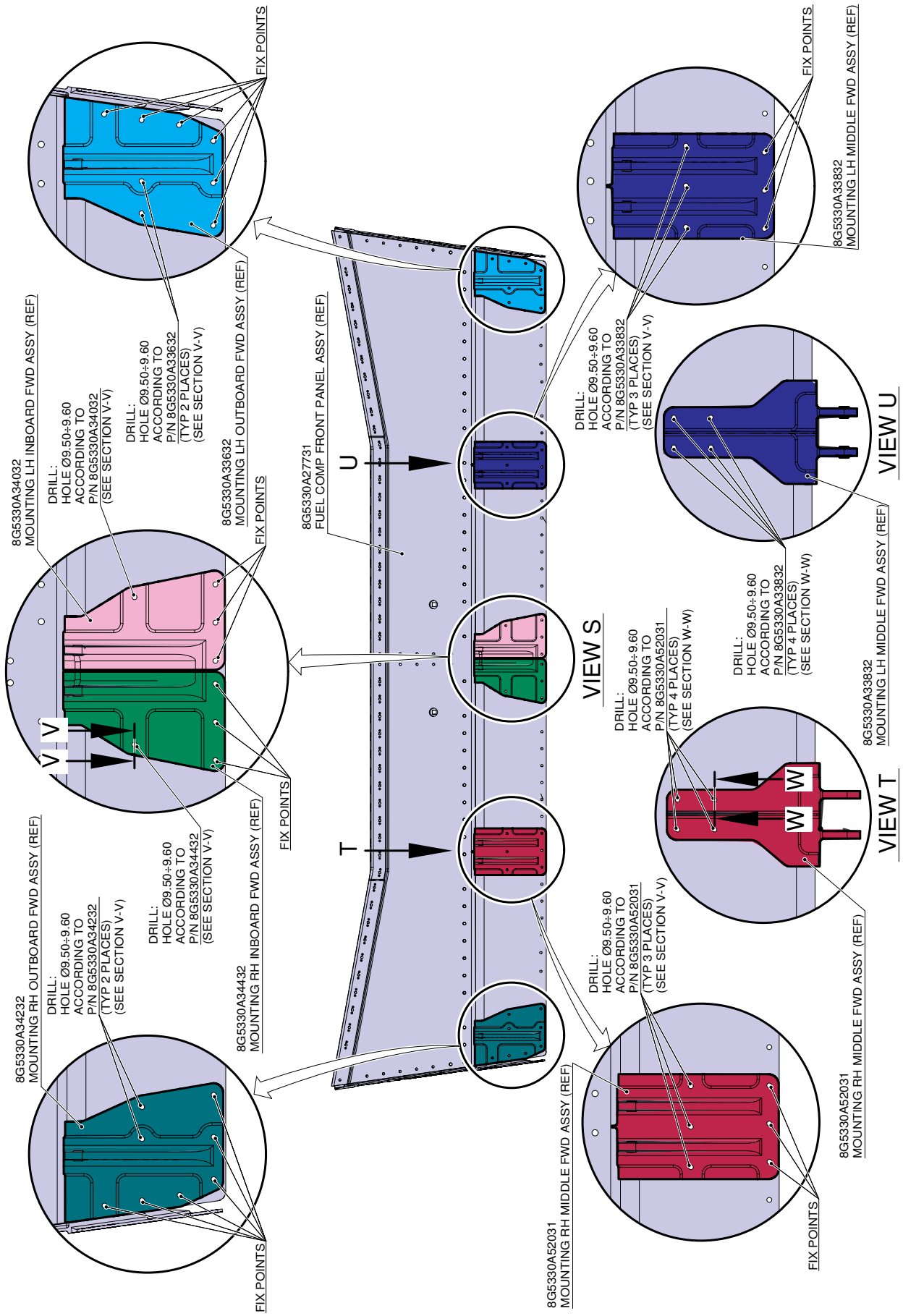


Figure 10

S.B. N°189-305 OPTIONAL
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REVISION: /

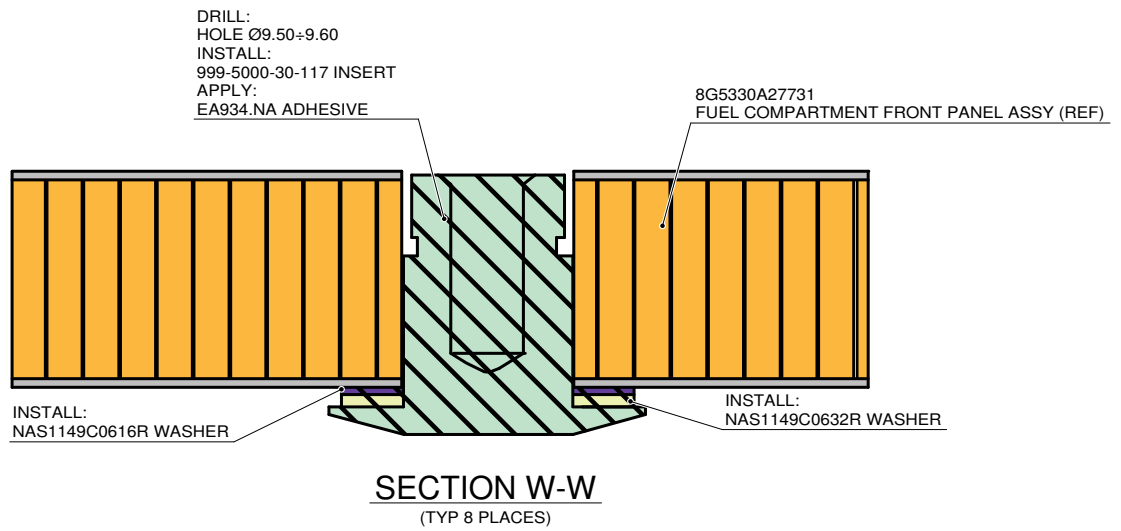
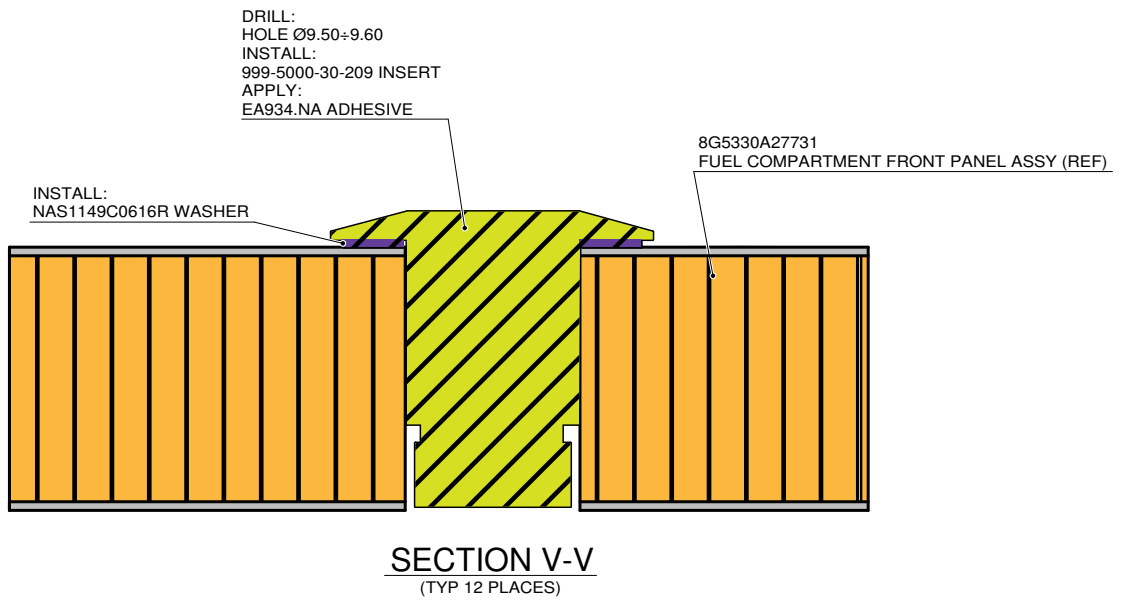
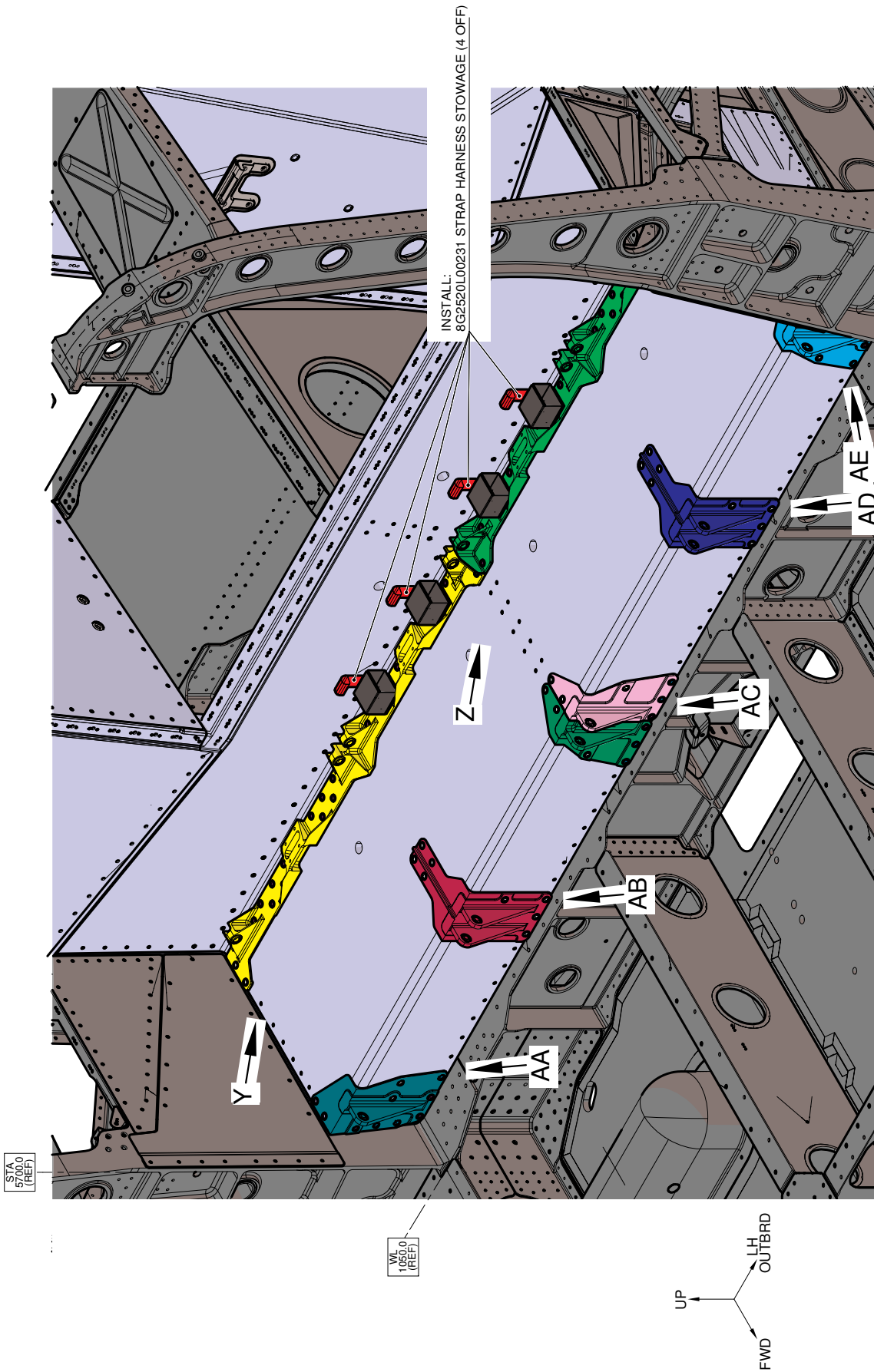


Figure 11



VIEW X
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 12

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
REVISION: /

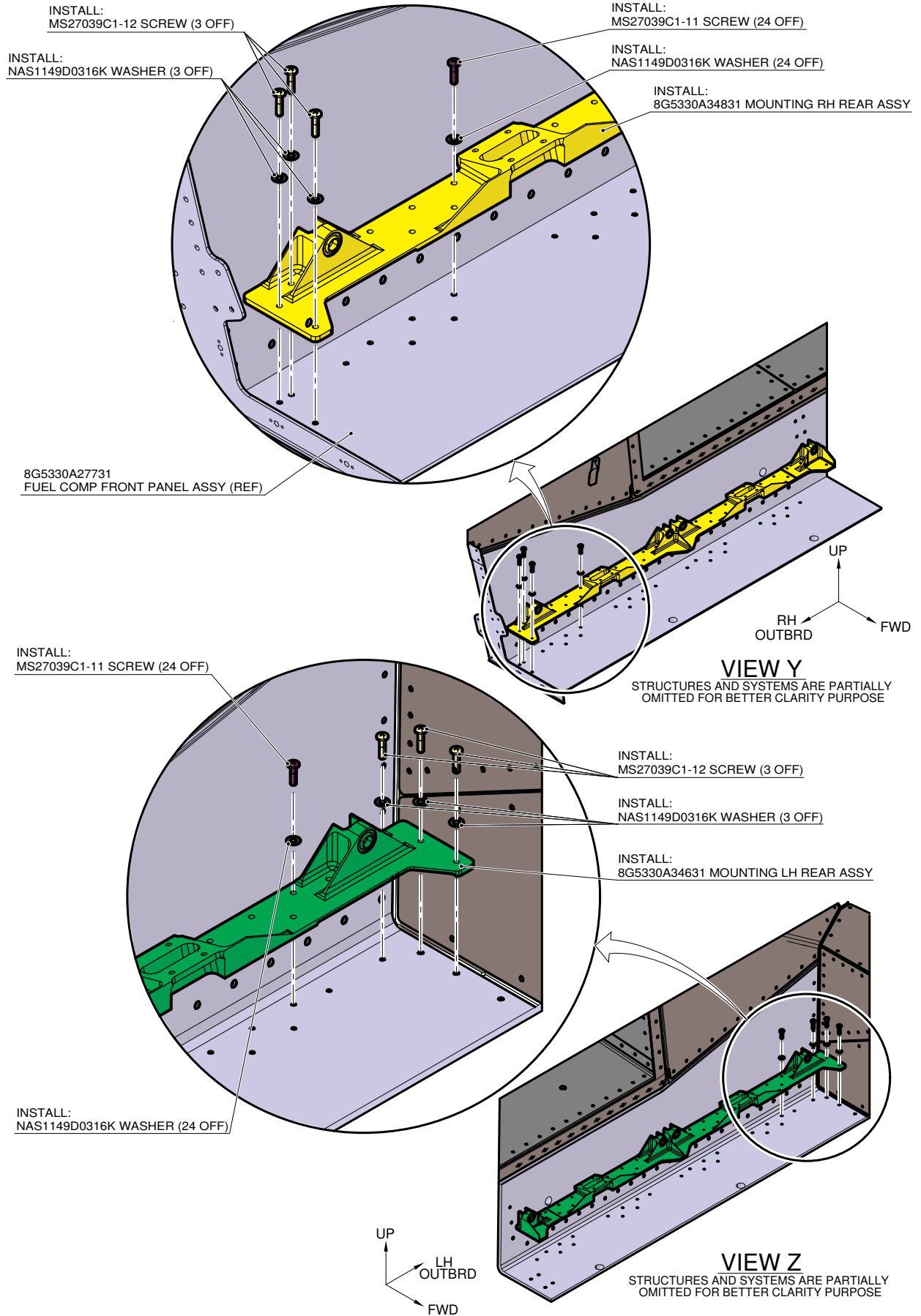


Figure 13

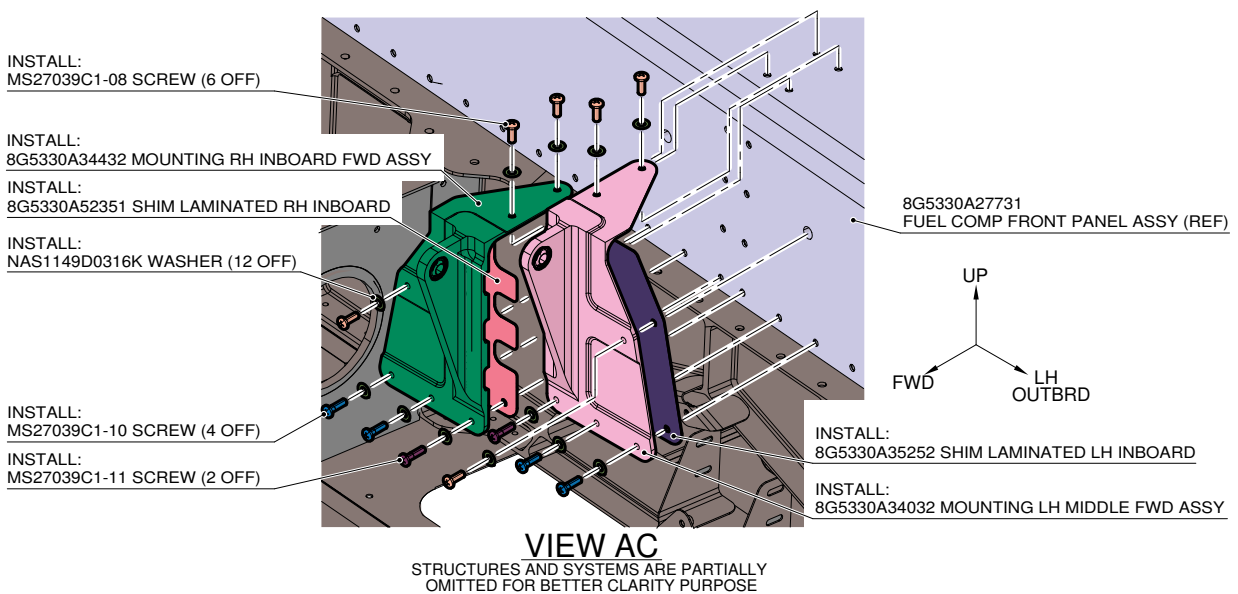
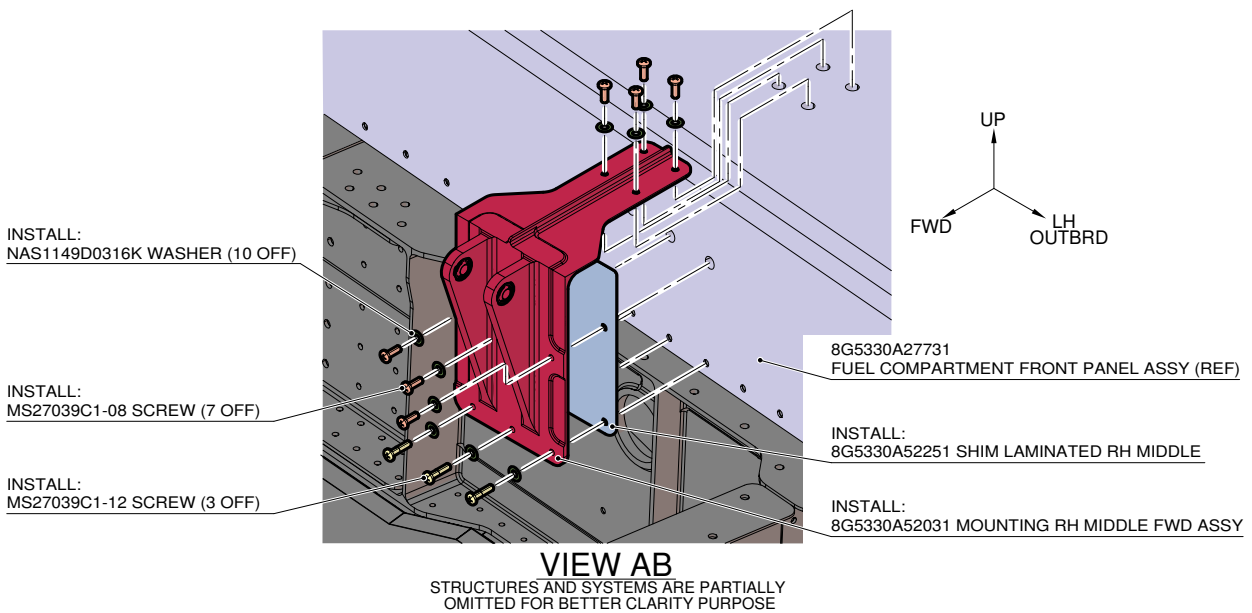
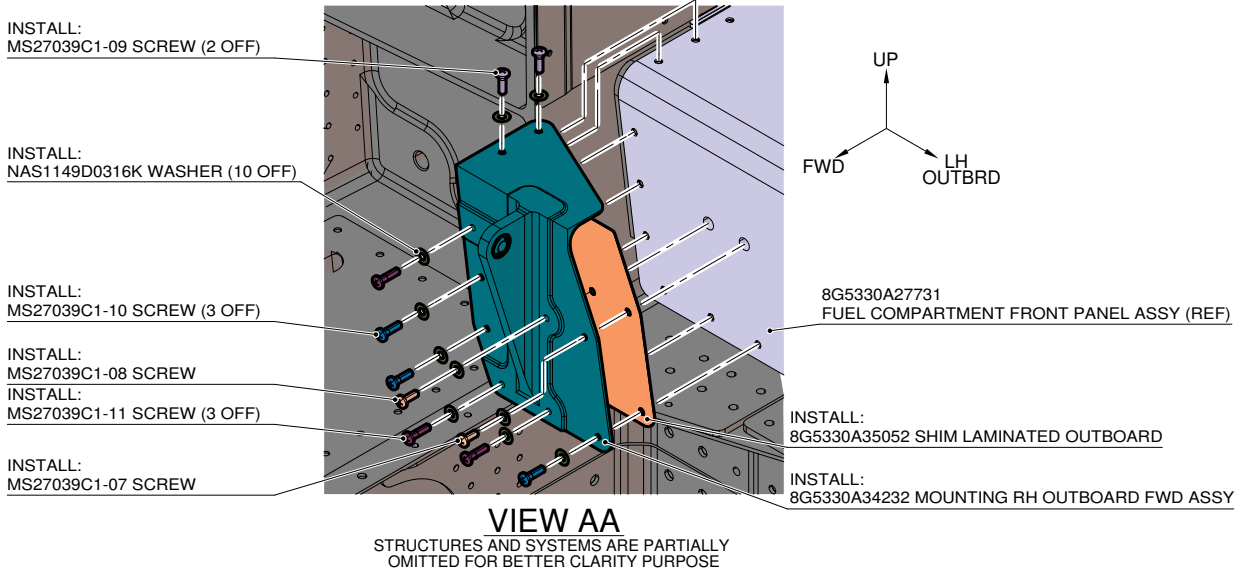


Figure 14

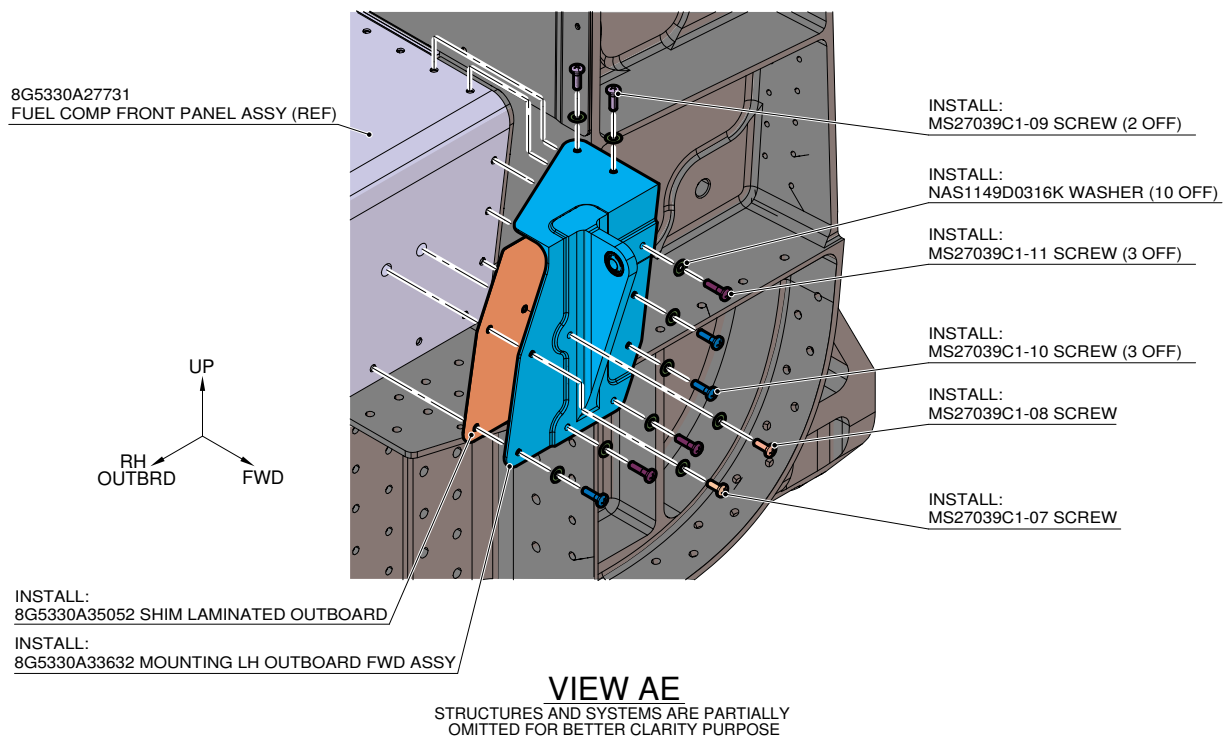
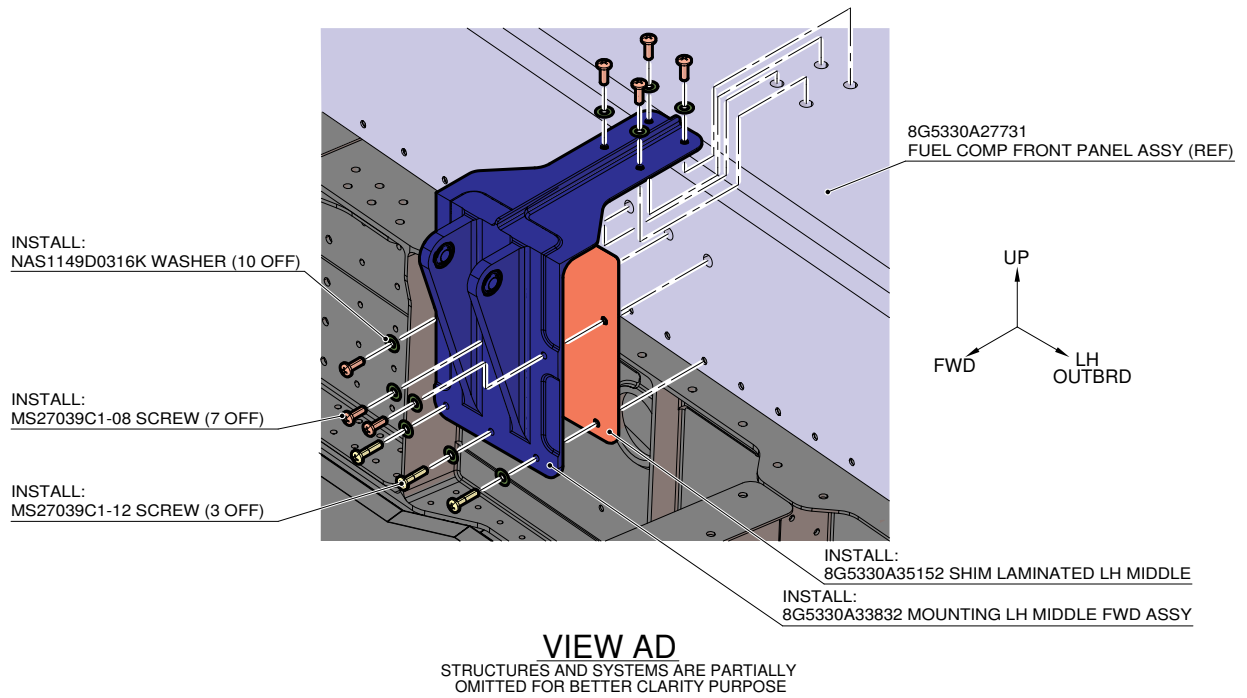


Figure 15

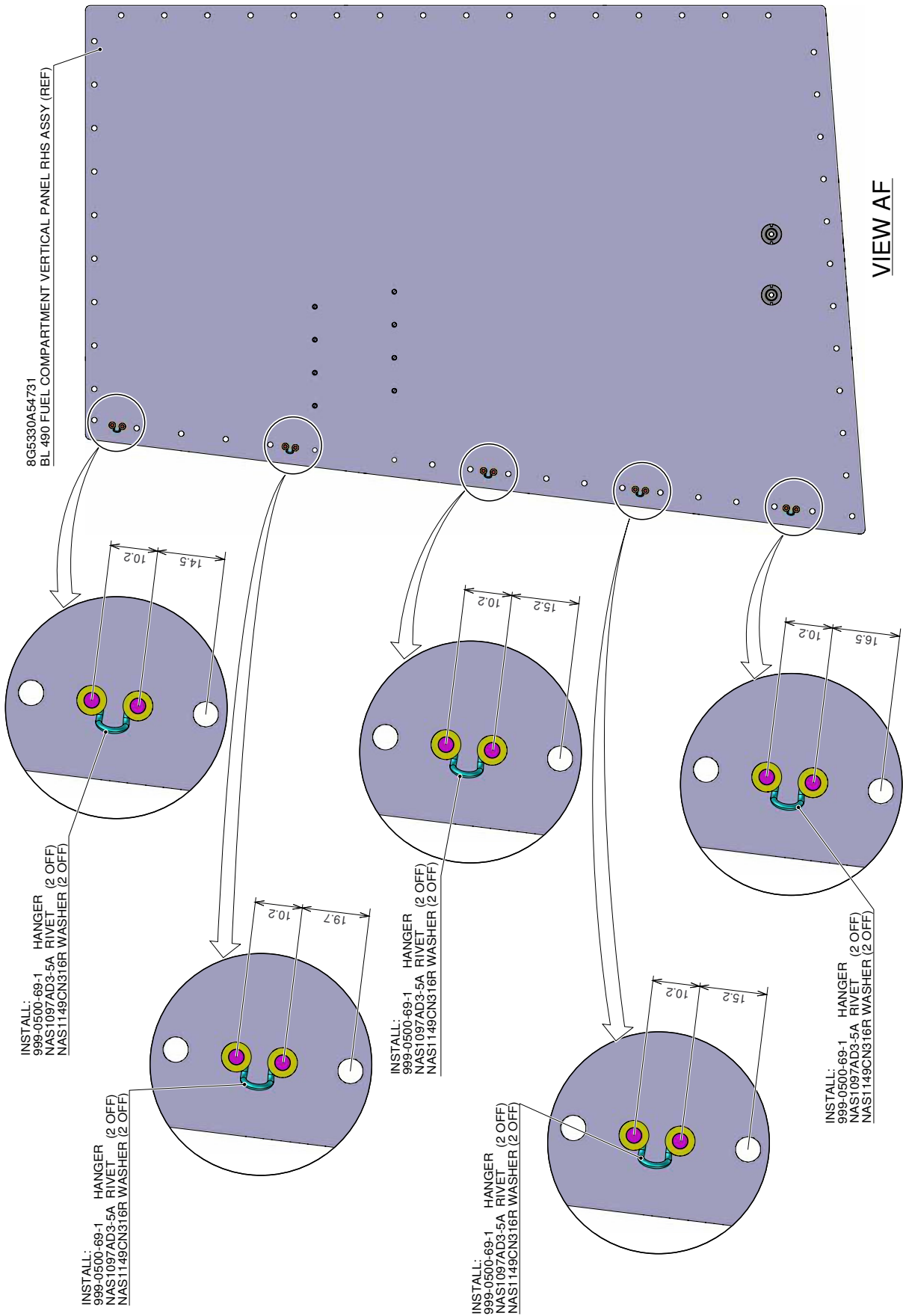


Figure 16

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
REVISION: /

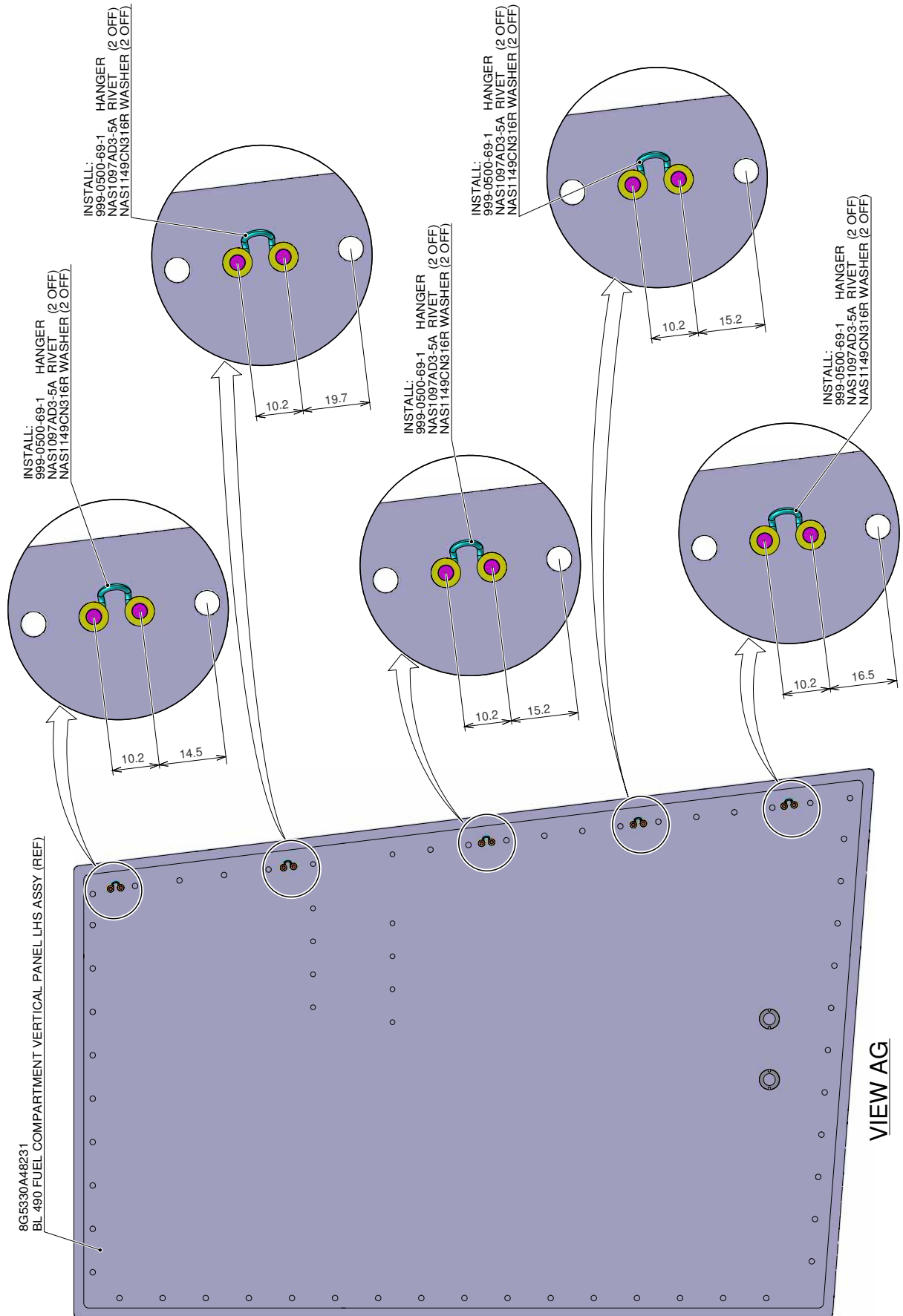
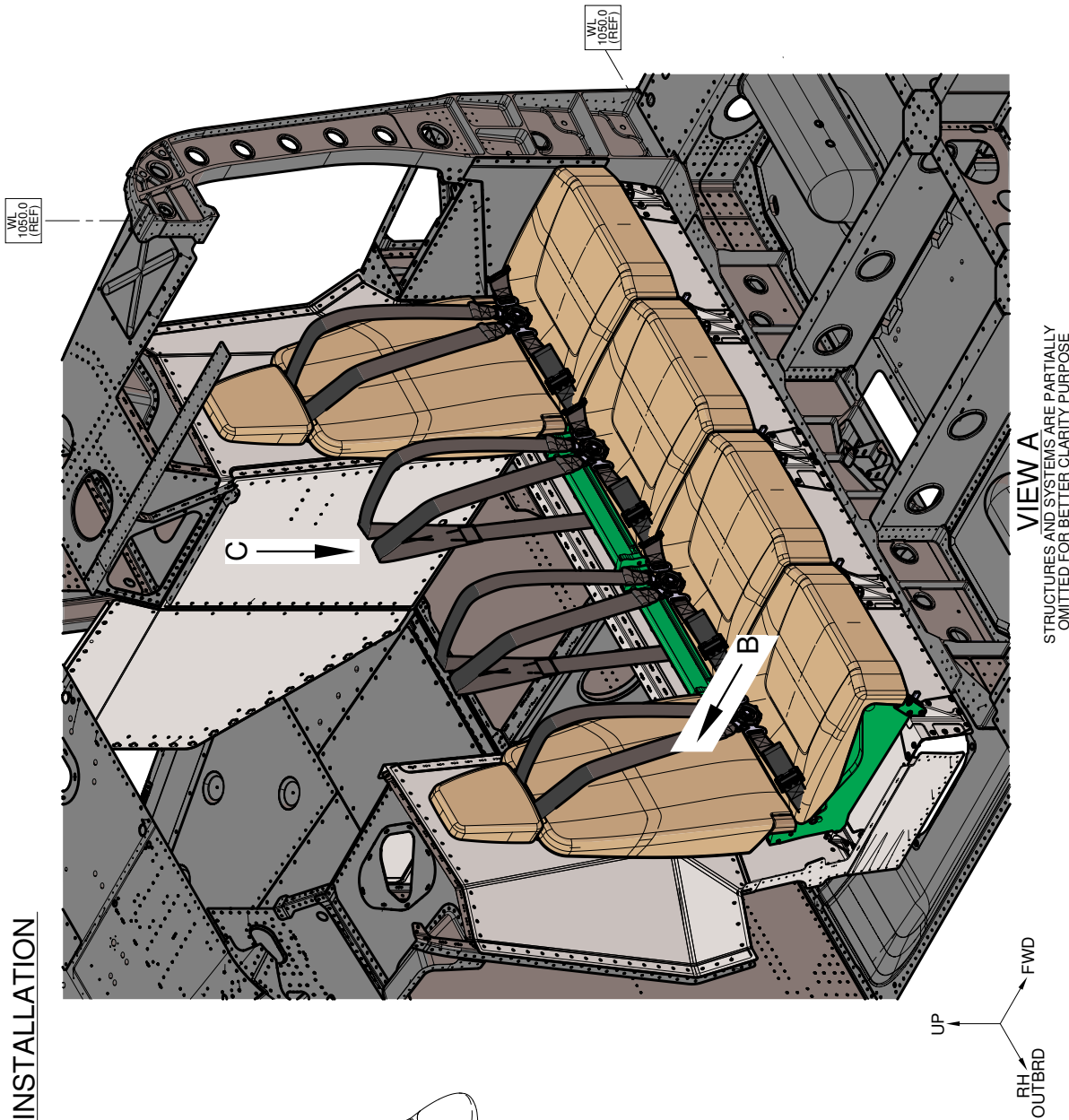


Figure 17

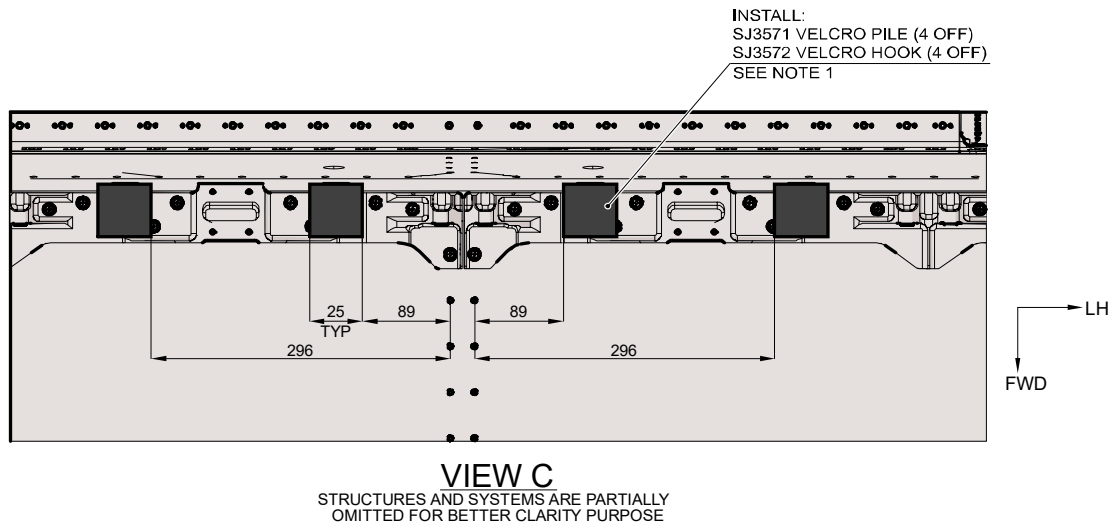
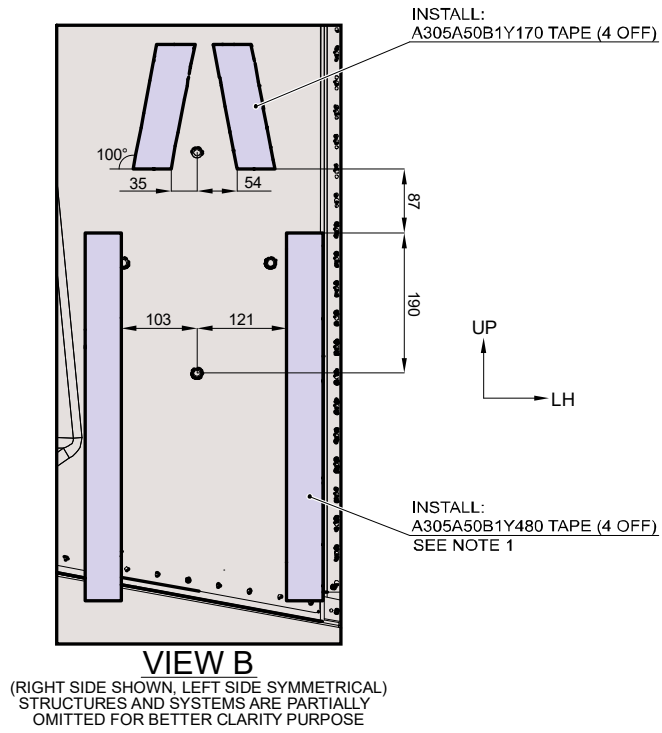
8G2520A47911
4TH ROW SEATS FOLDABLE FIXED INSTALLATION



VIEW A
STRUCTURES AND SYSTEMS ARE PARTIALLY
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Figure 18

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
REVISION: /



SEE NOTE 1: STRIPS MAY BE TAILORED AS REQUIRED DURING INSTALLATION,
TO BEST SUIT ATTACHMENT STRUCTURE AND LINERS

Figure 19

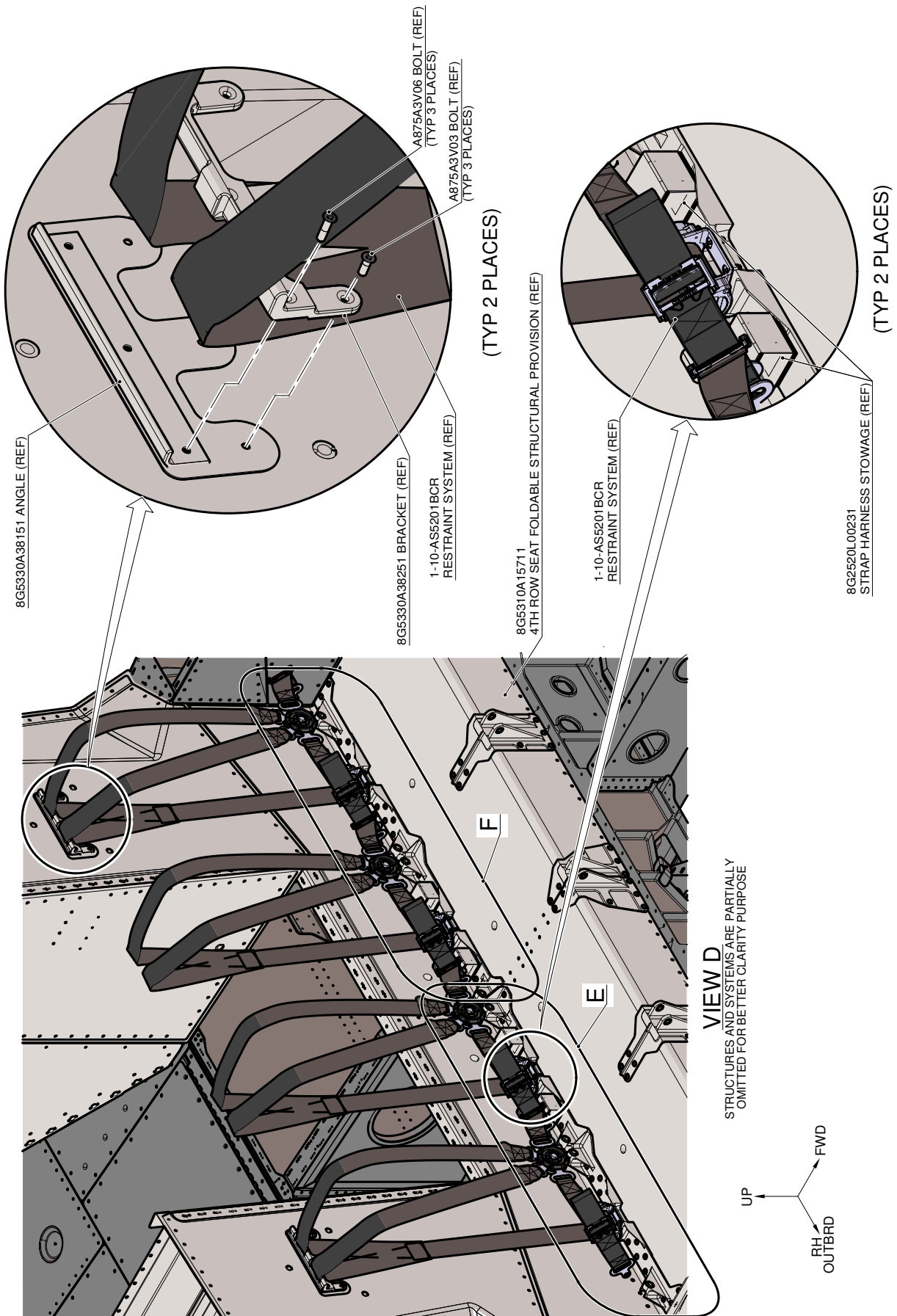


Figure 20

S.B. N°189-305 OPTIONAL
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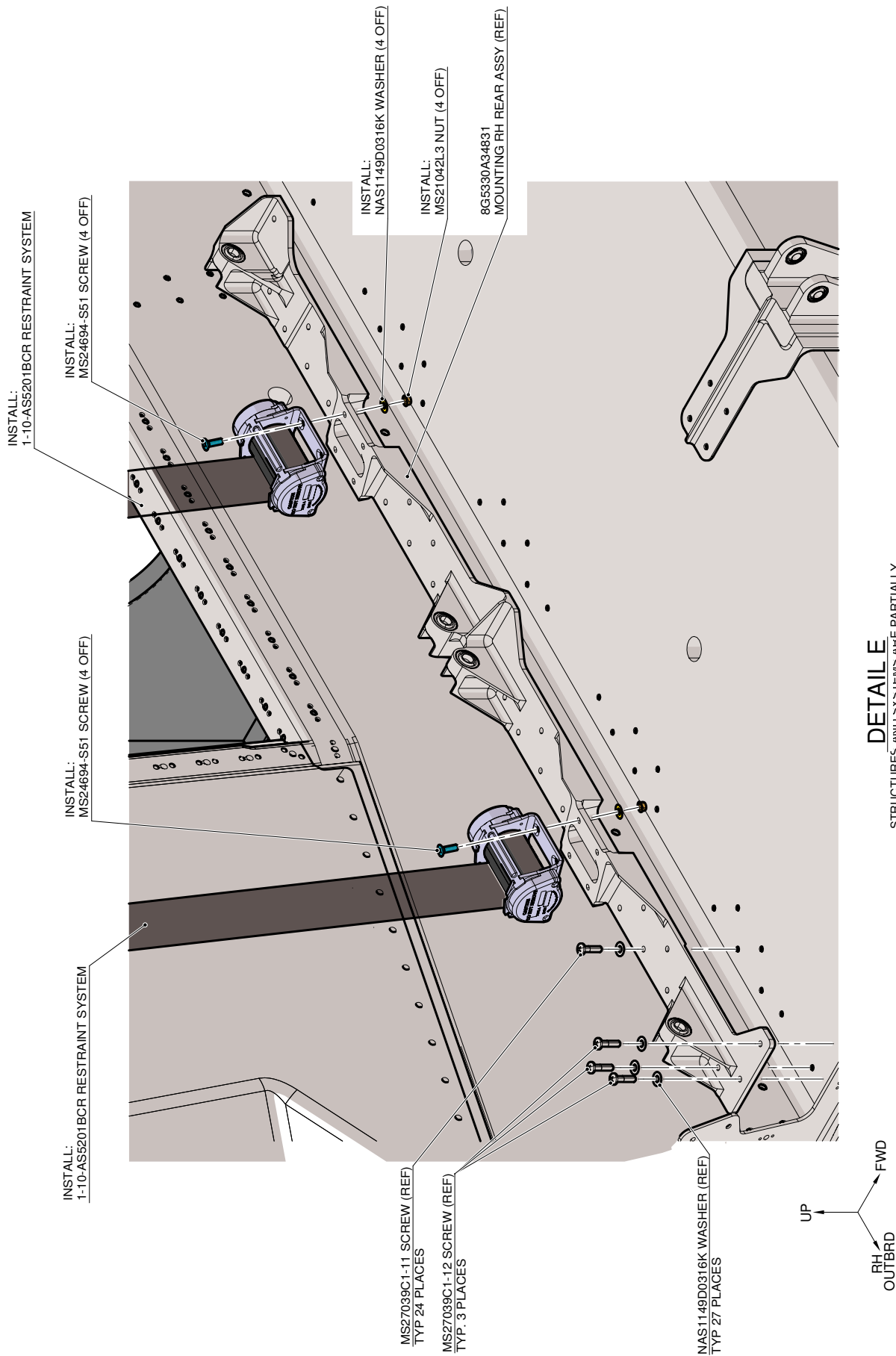


Figure 21

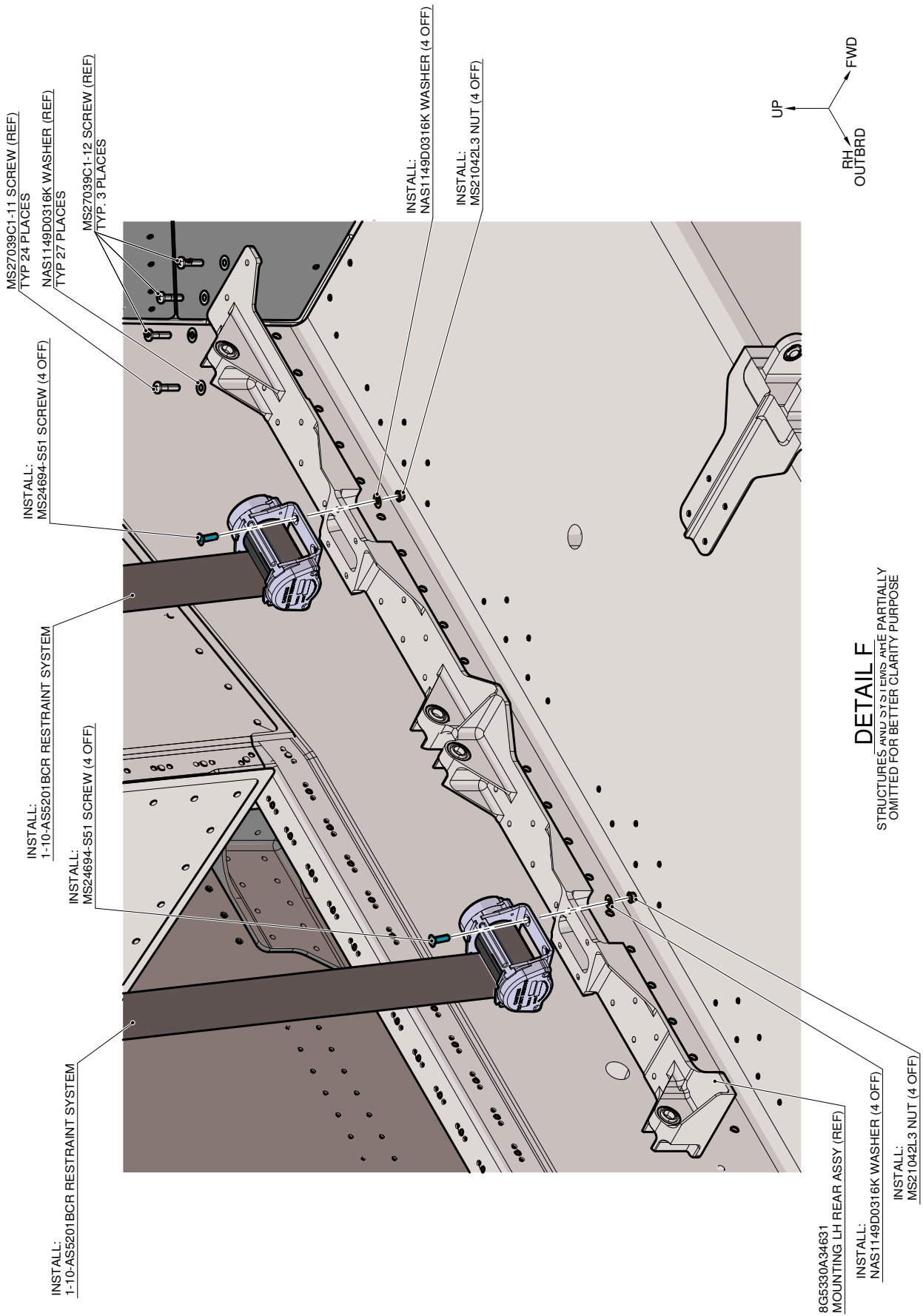


Figure 22

S.B. N°189-305 OPTIONAL
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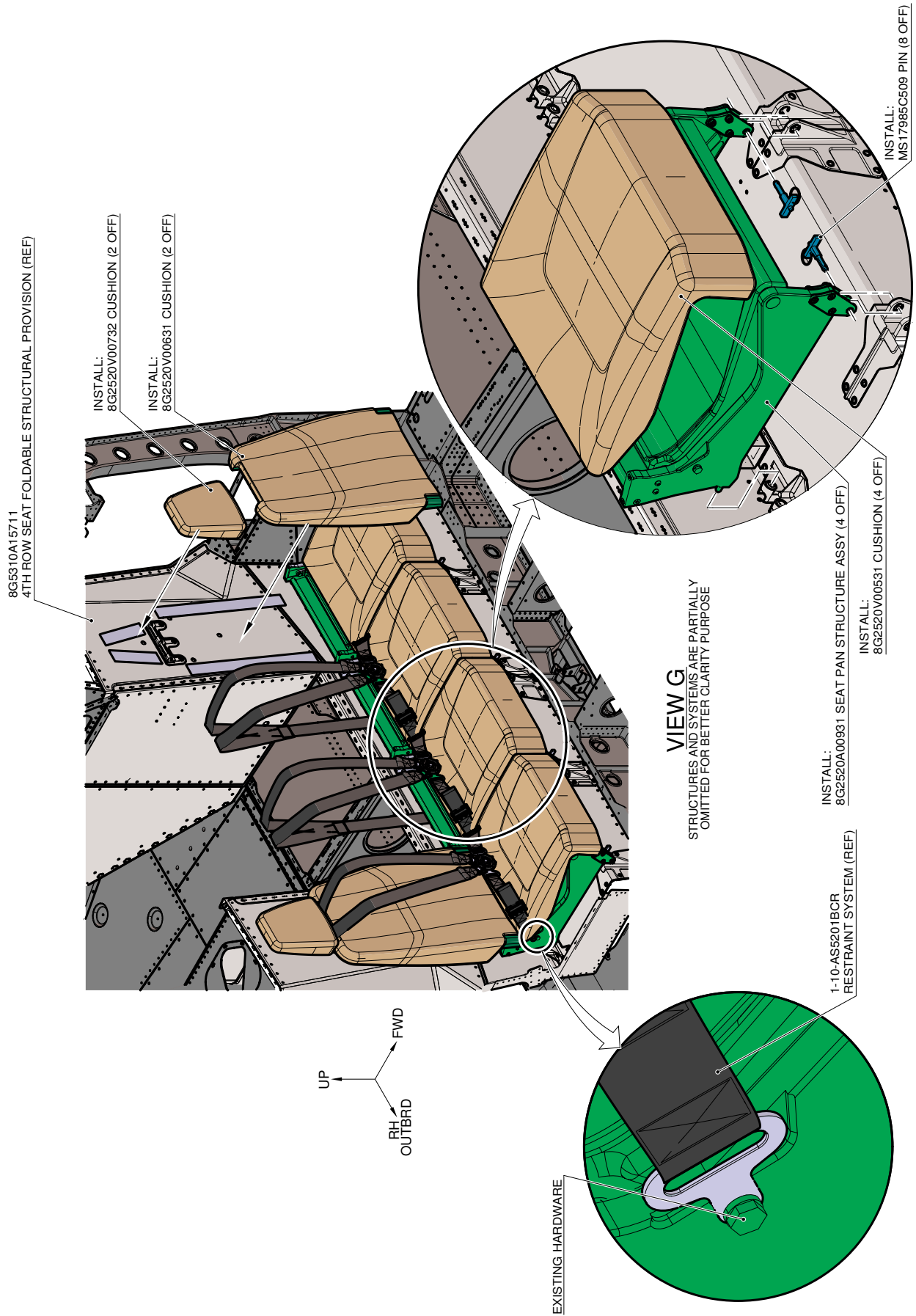


Figure 23

8G2520A48011

4TH ROW SEATS FOLDABLE REMOVABLE INSTALLATION

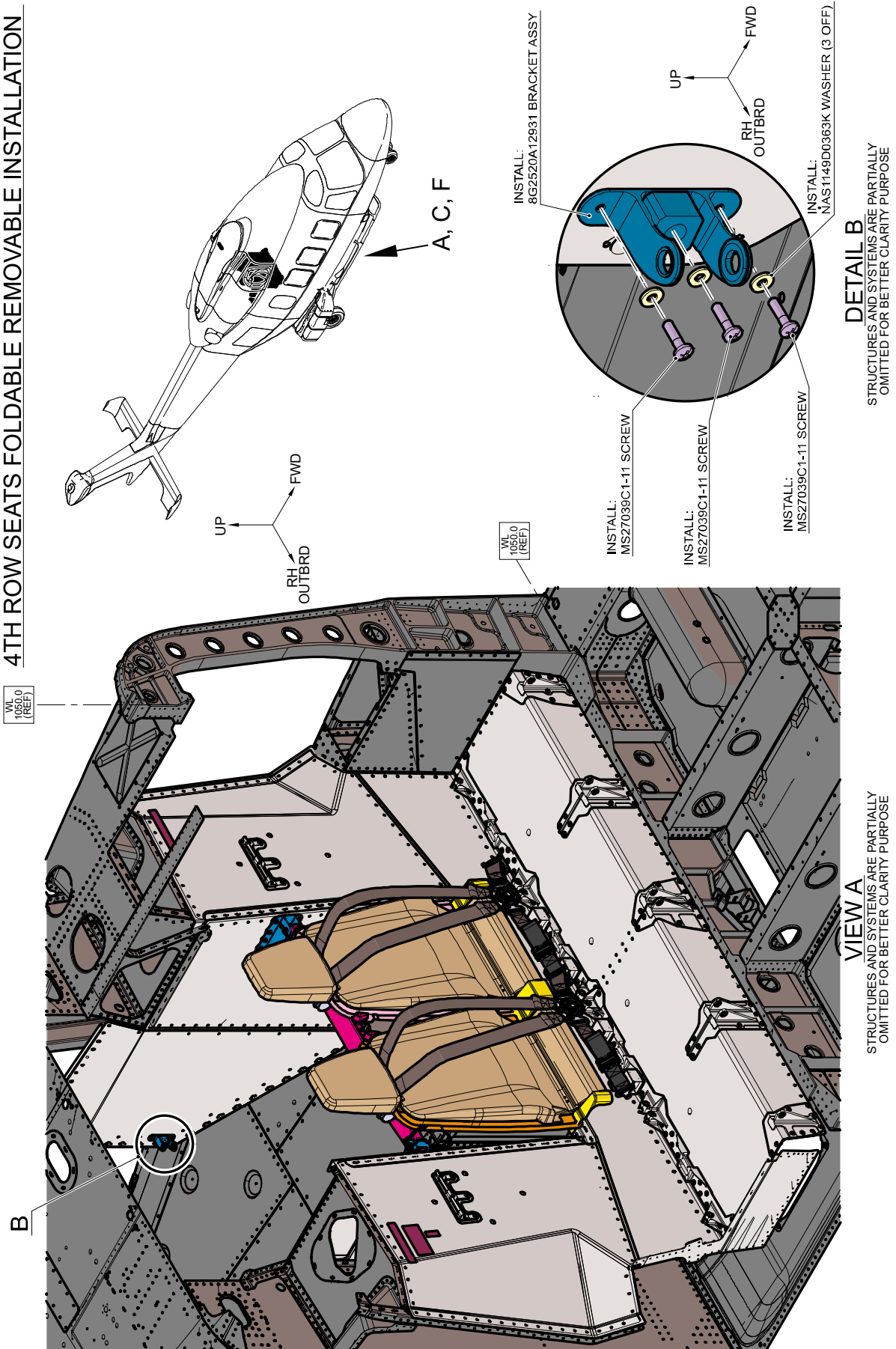


Figure 24

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
REVISION: /

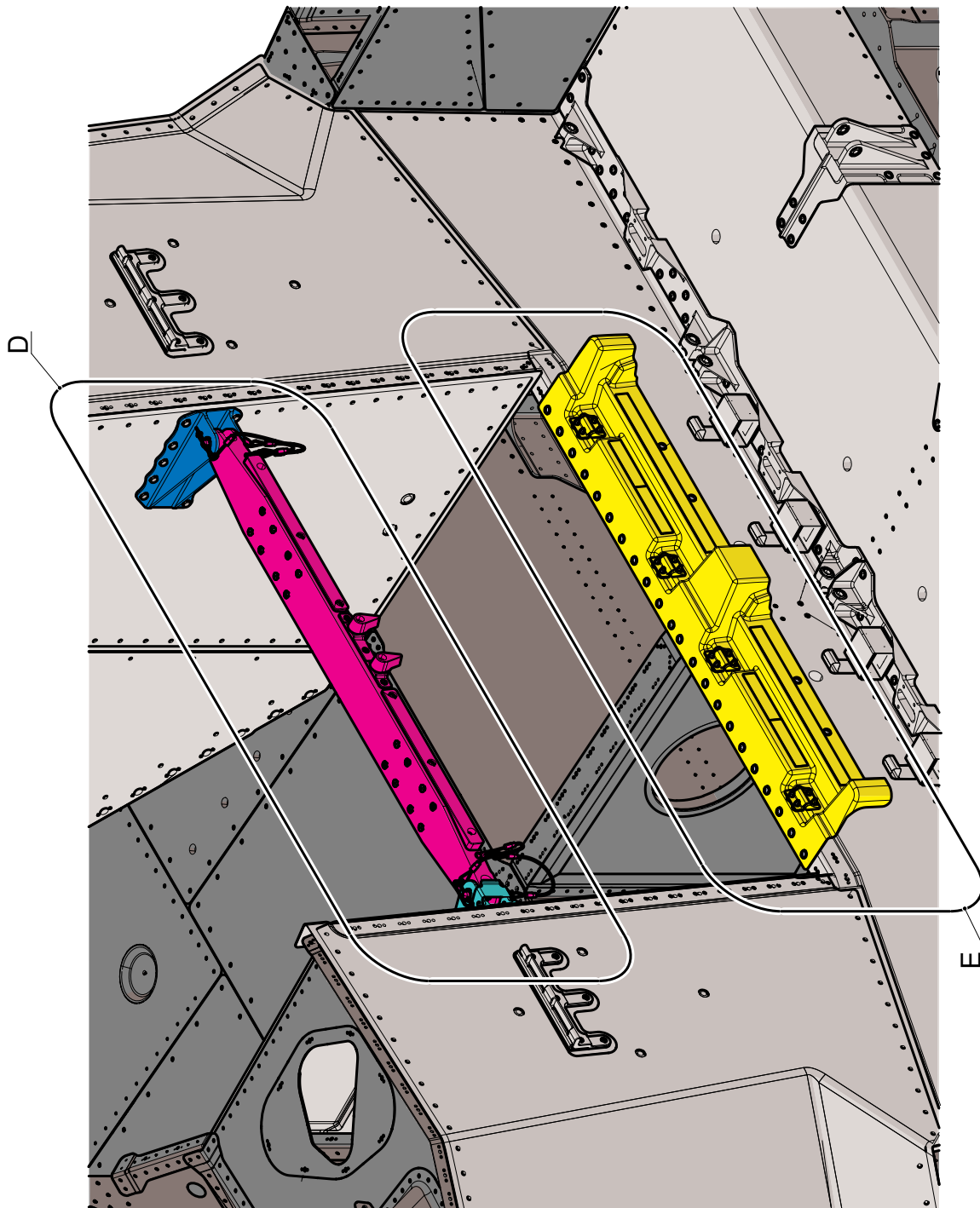


Figure 25

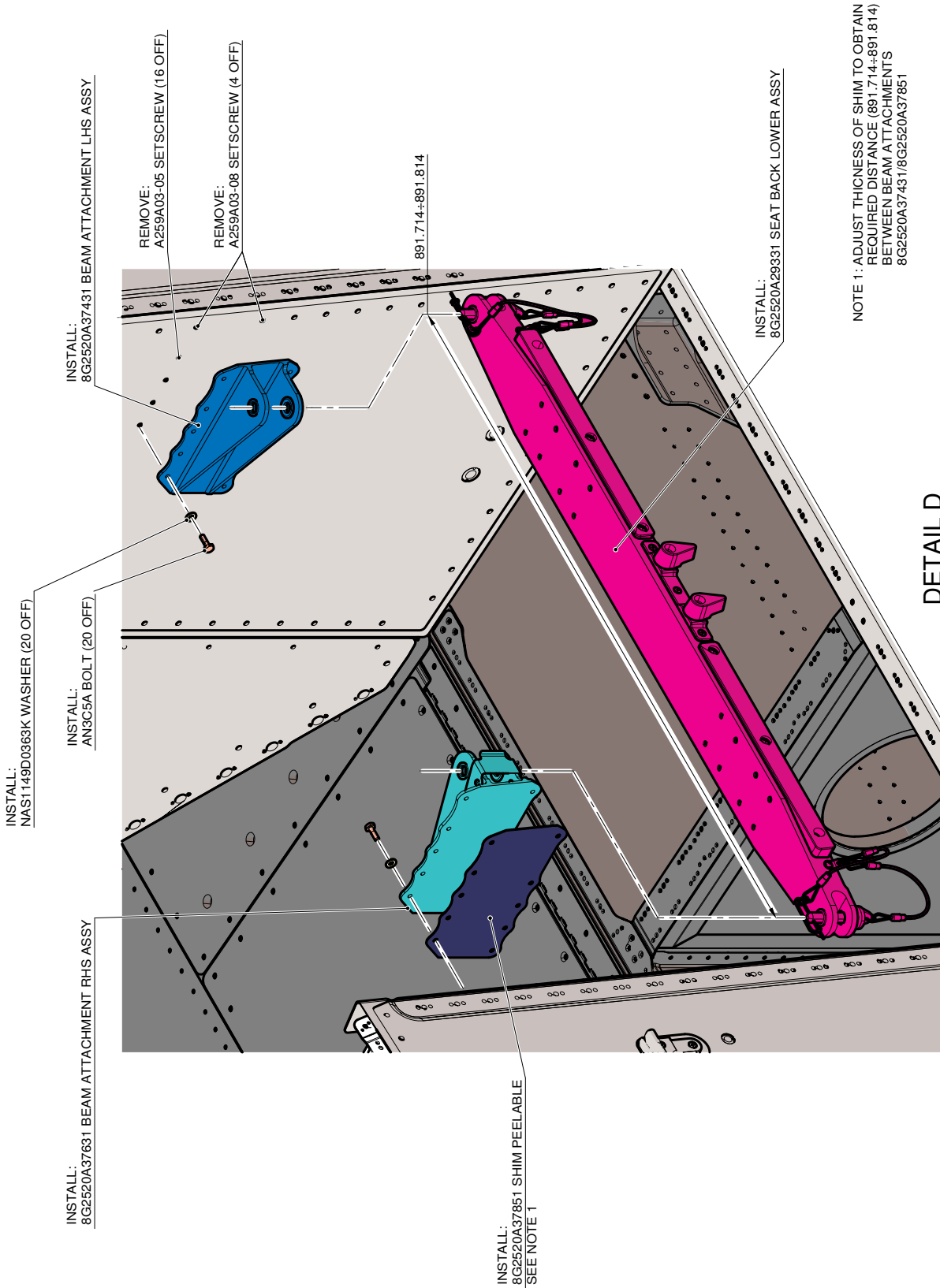


Figure 26

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
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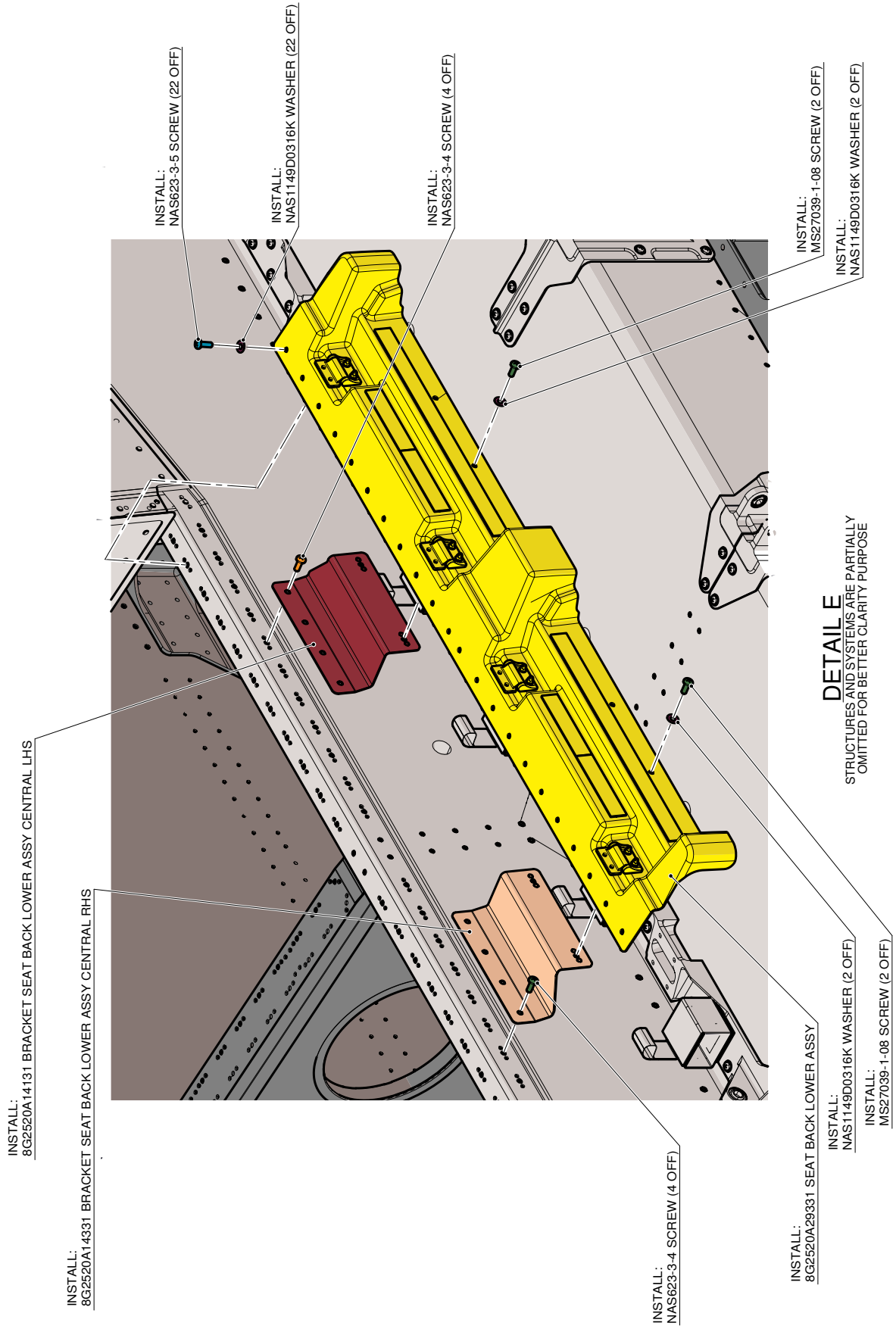


Figure 27

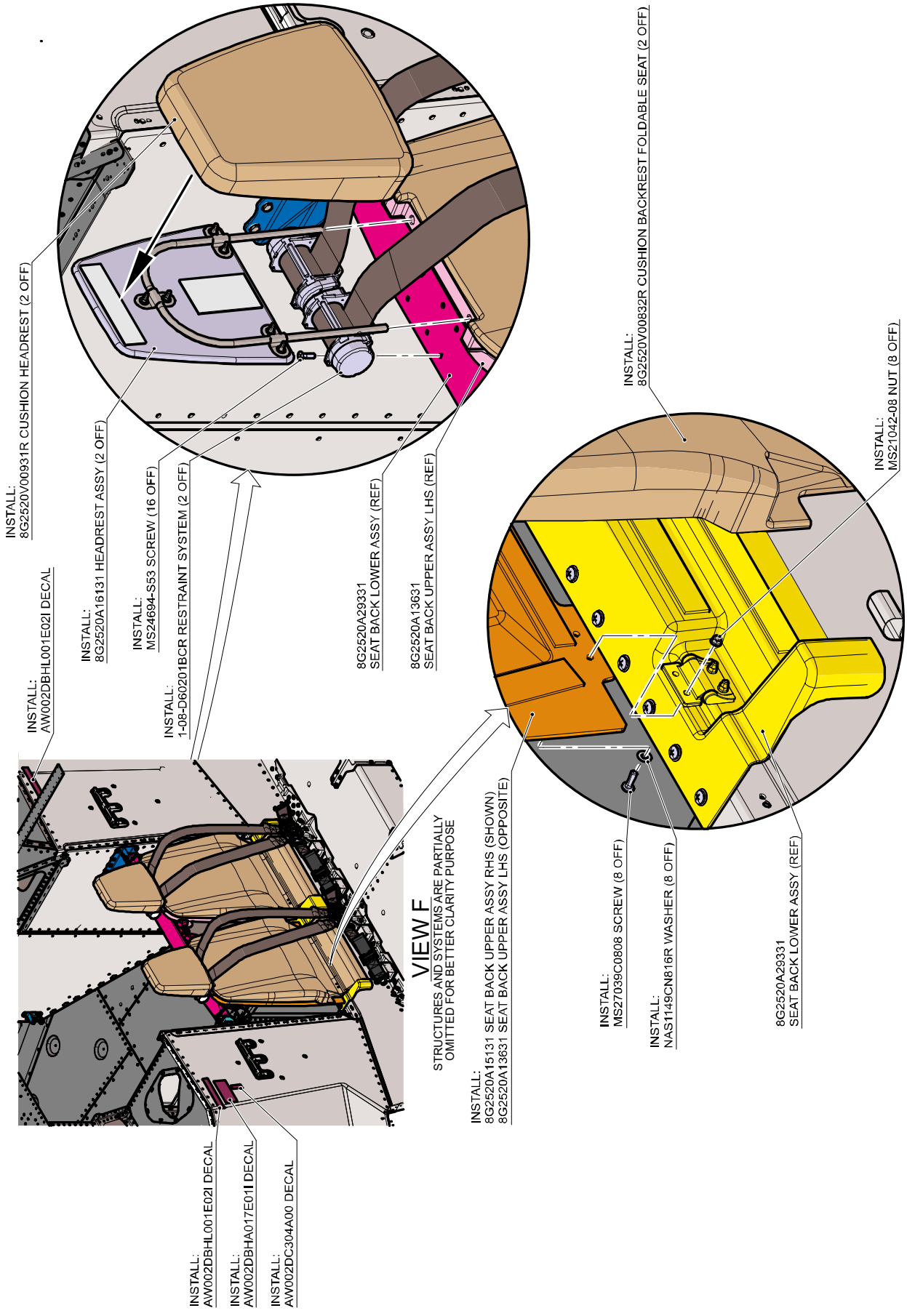
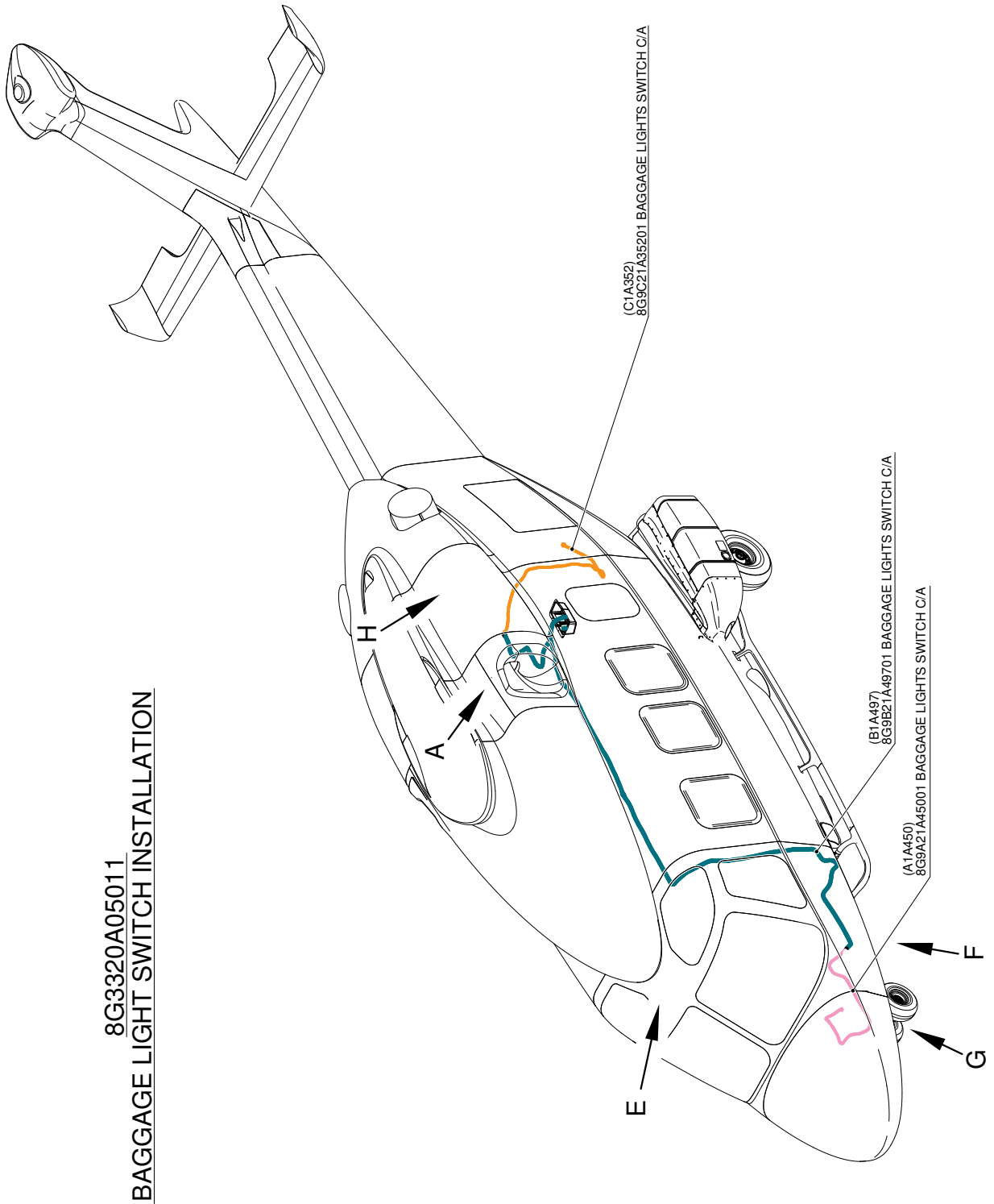


Figure 28

S.B. N°189-305 OPTIONAL
DATE: March 11, 2024
REVISION: /



8G3320A05011
BAGGAGE LIGHT SWITCH INSTALLATION

Figure 29

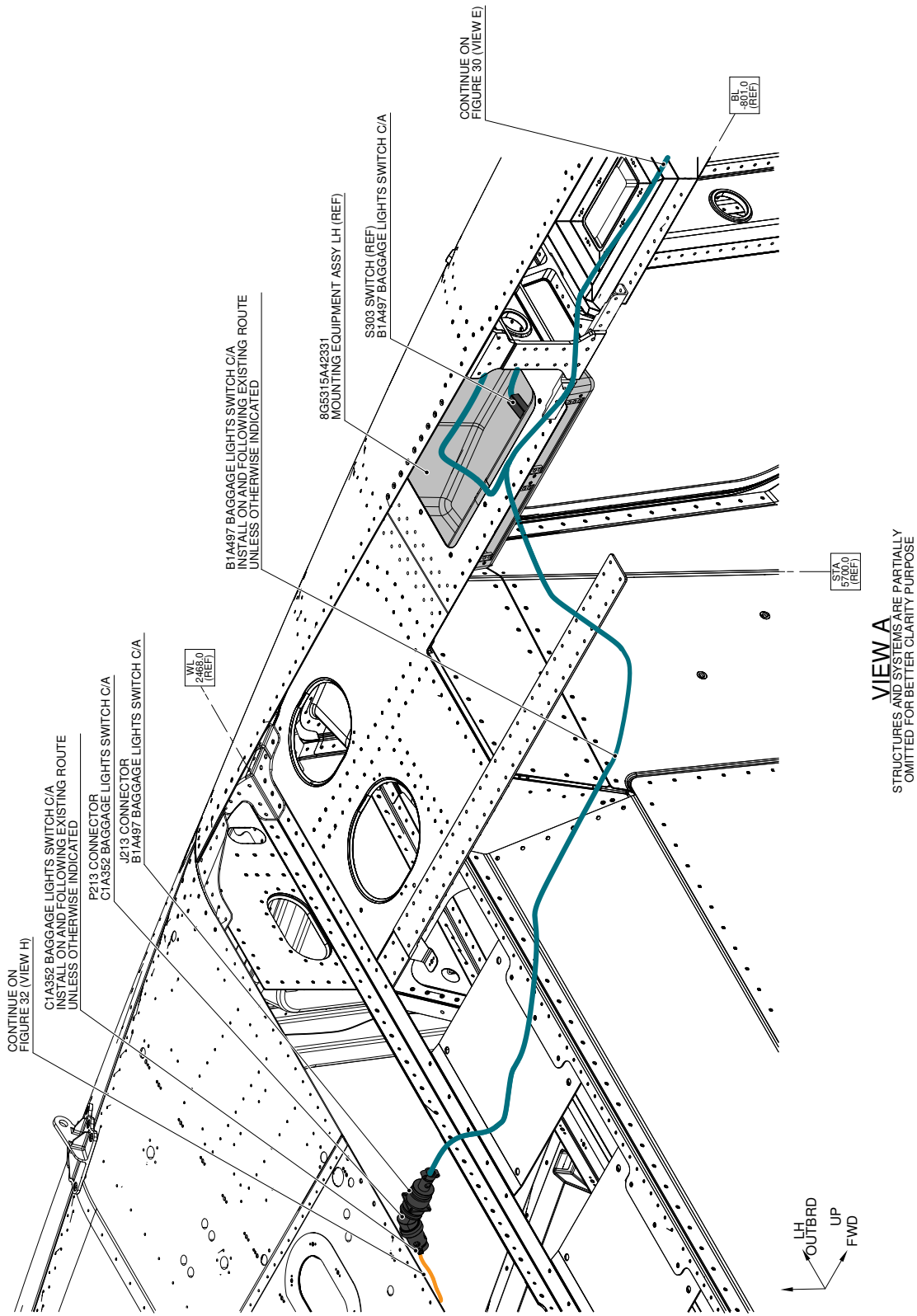
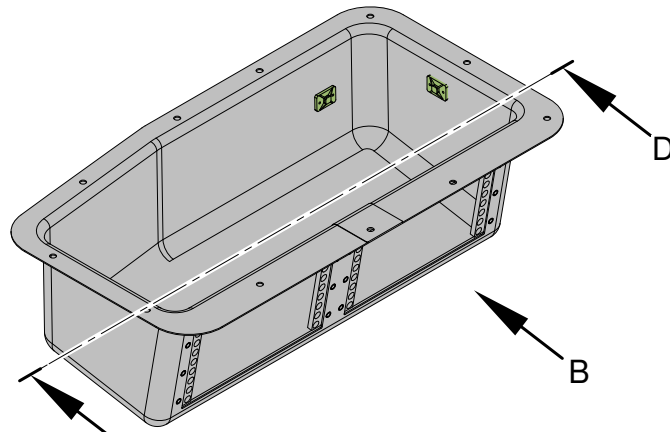


Figure 30



8G5315A42331
MOUNTING EQUIPMENT ASSY LH

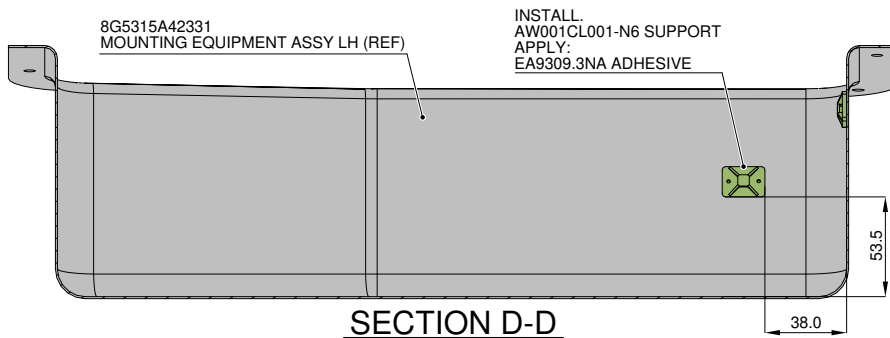
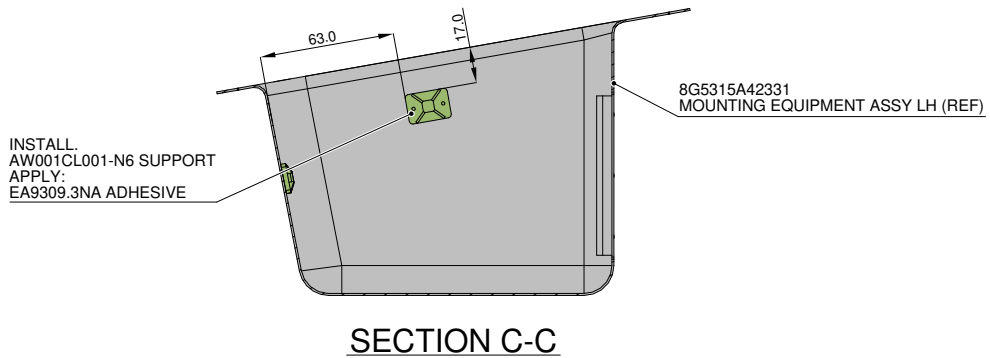
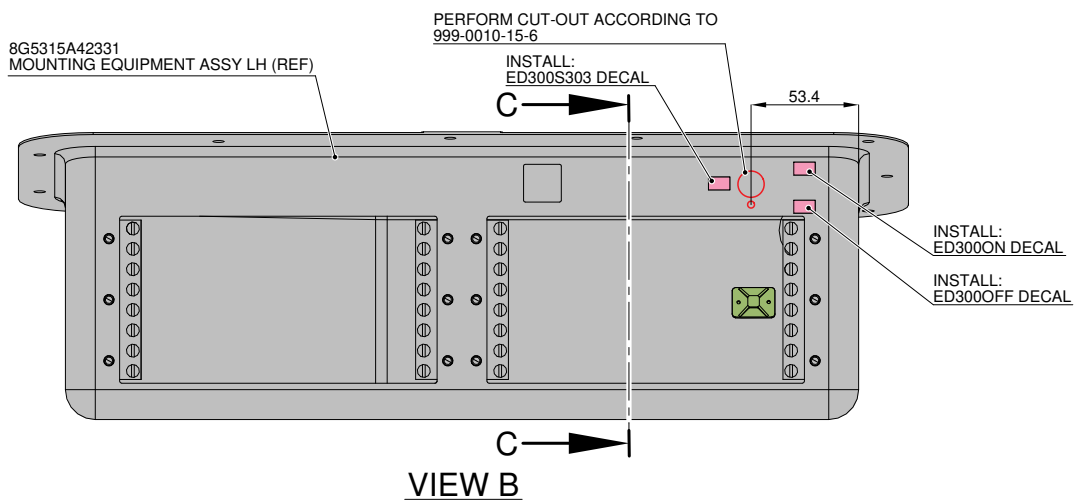


Figure 31

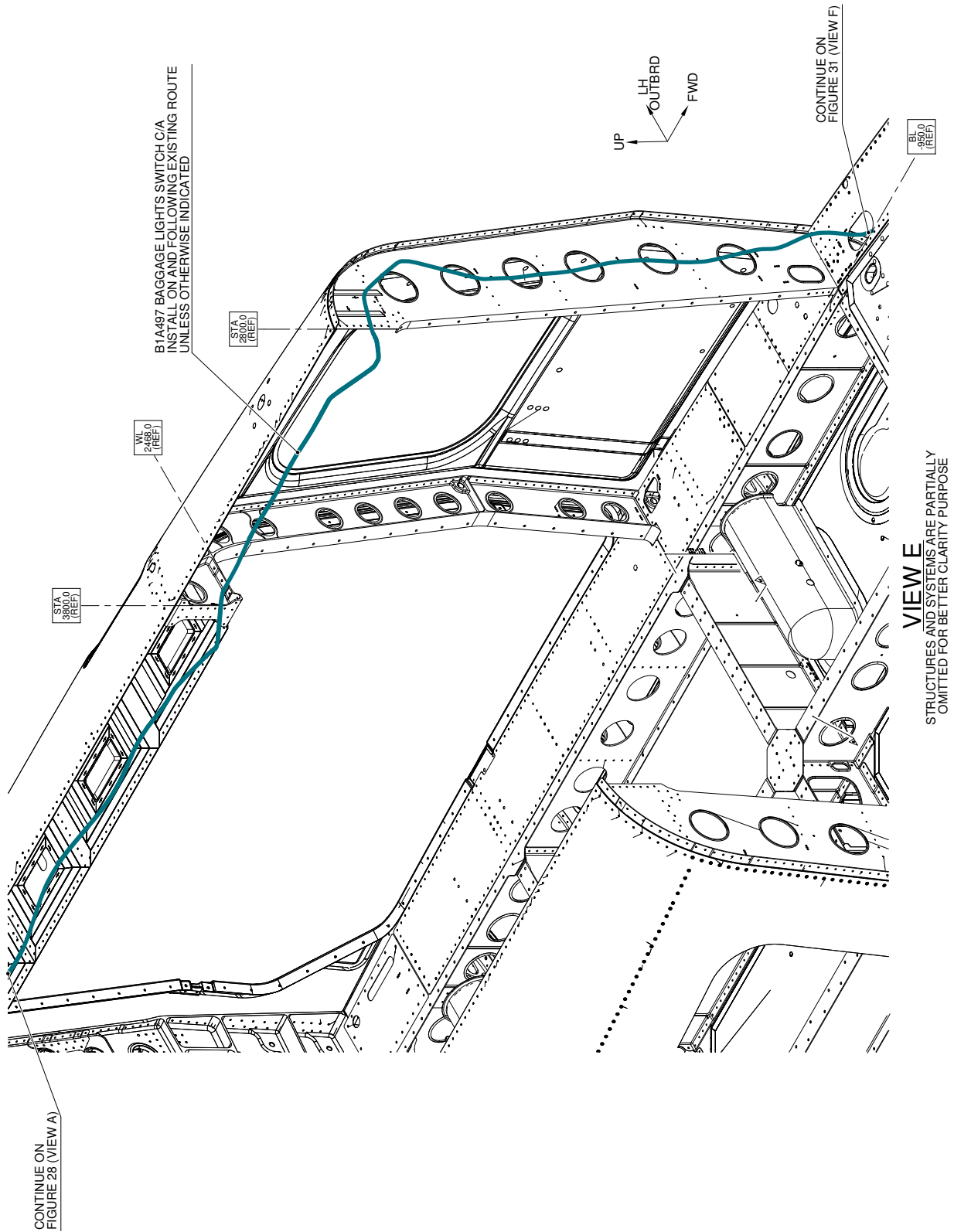


Figure 32

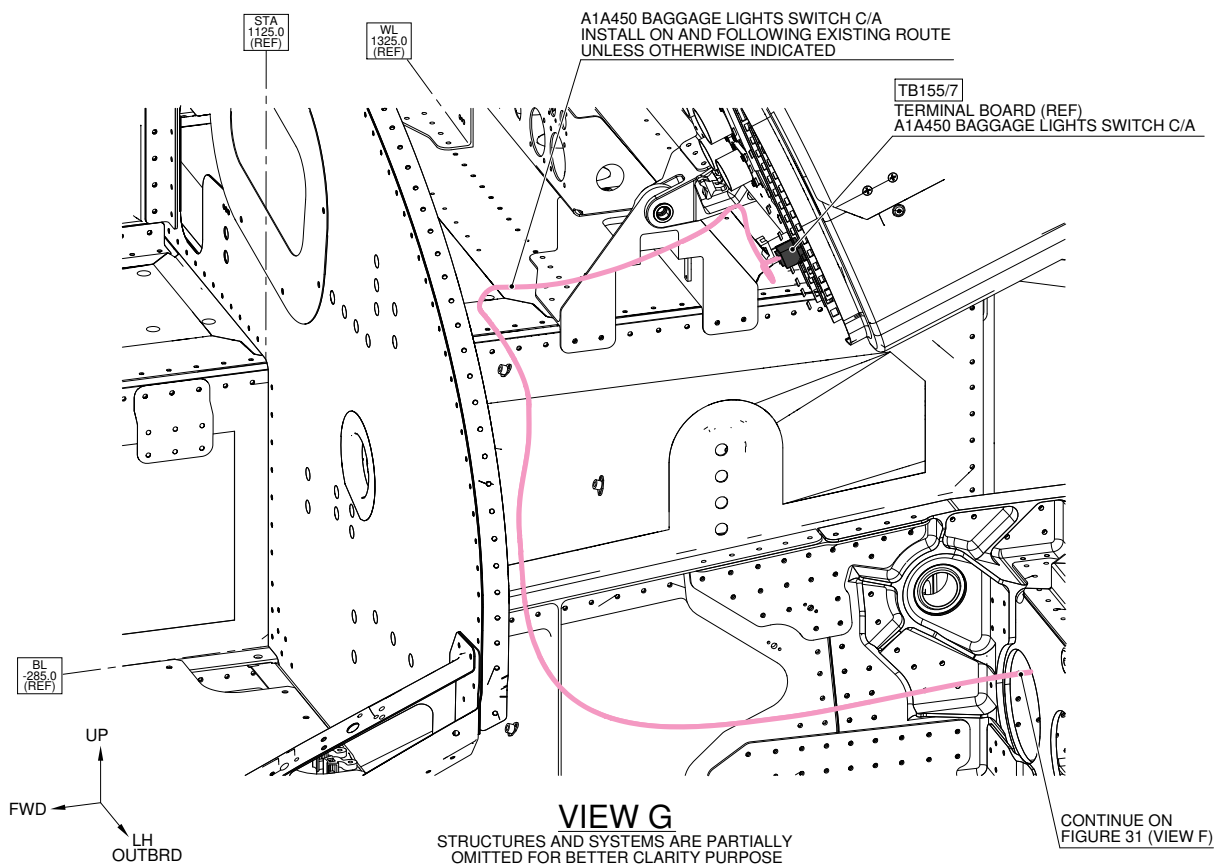
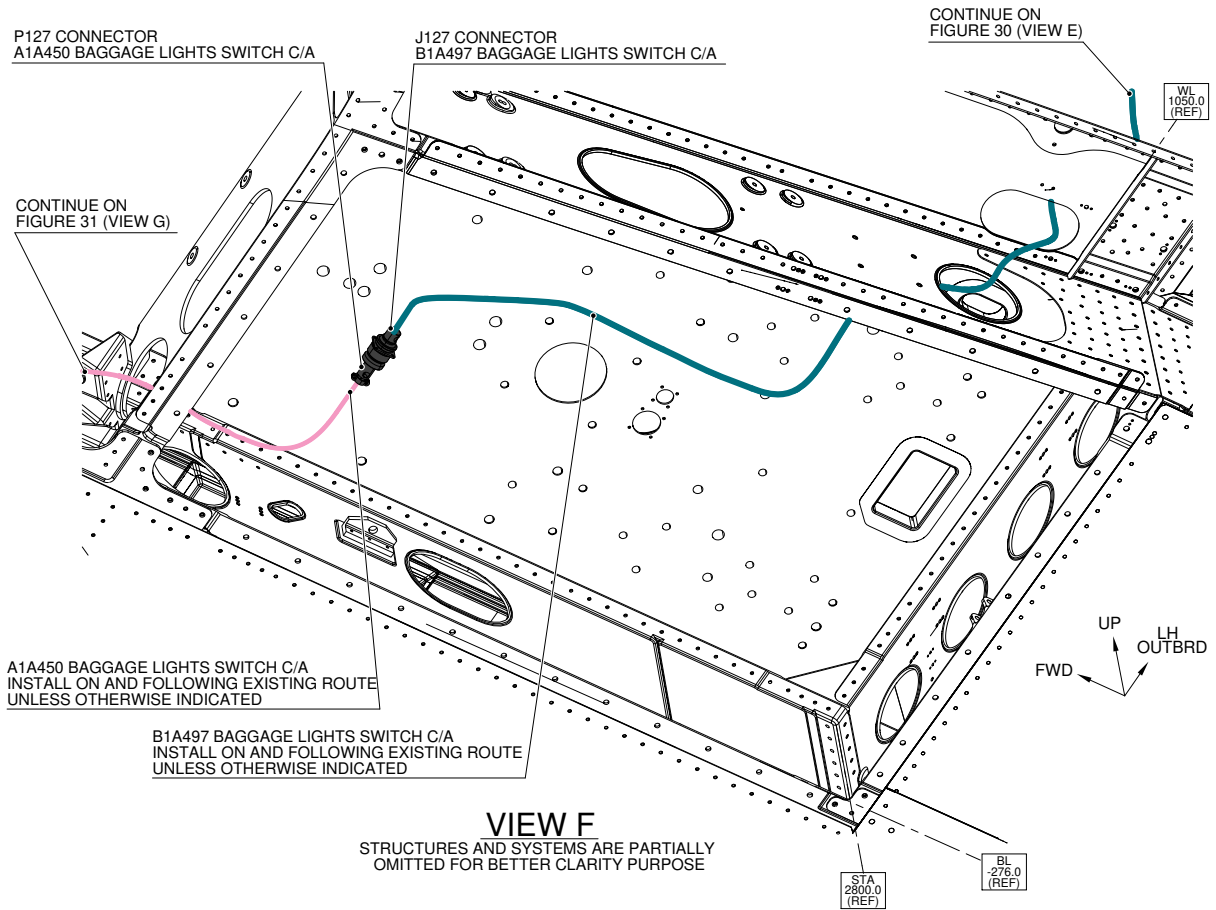
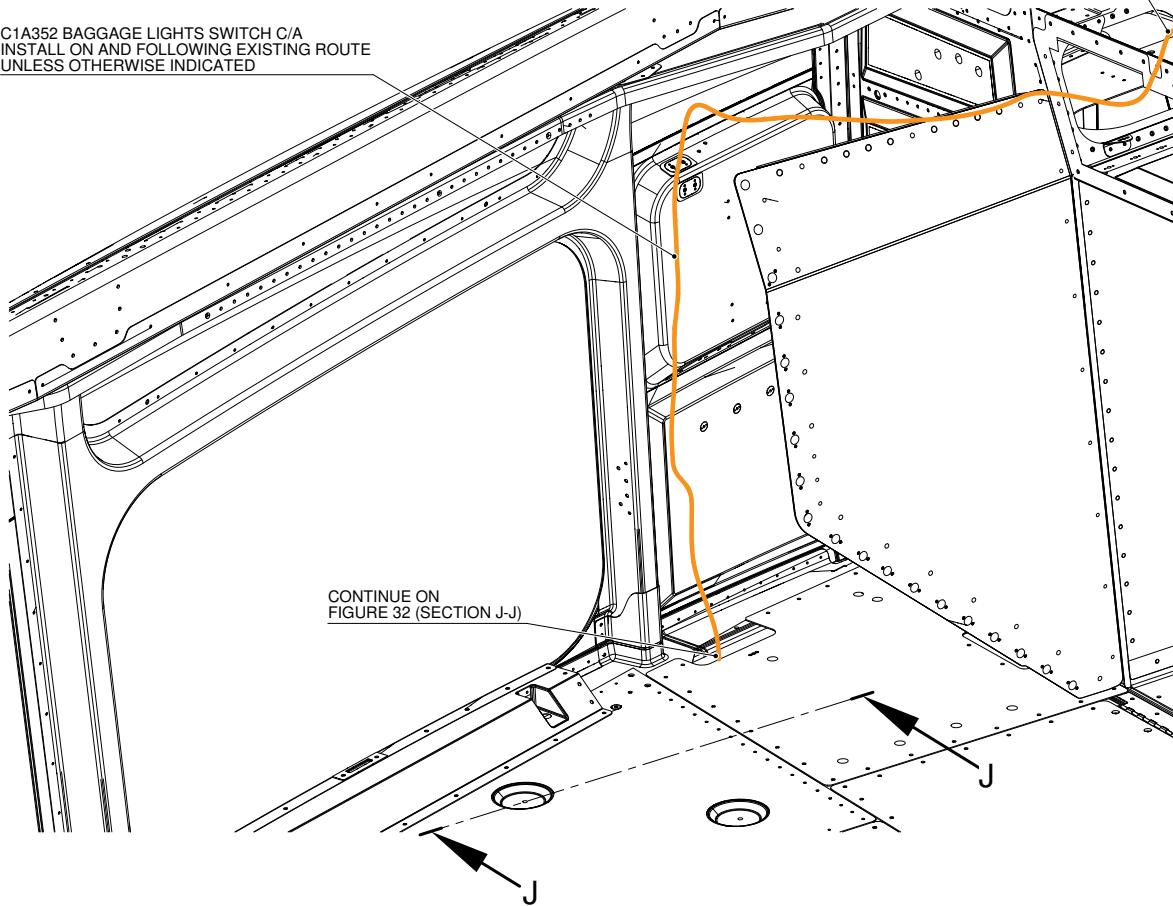


Figure 33

C1A352 BAGGAGE LIGHTS SWITCH C/A
INSTALL ON AND FOLLOWING EXISTING ROUTE
UNLESS OTHERWISE INDICATED

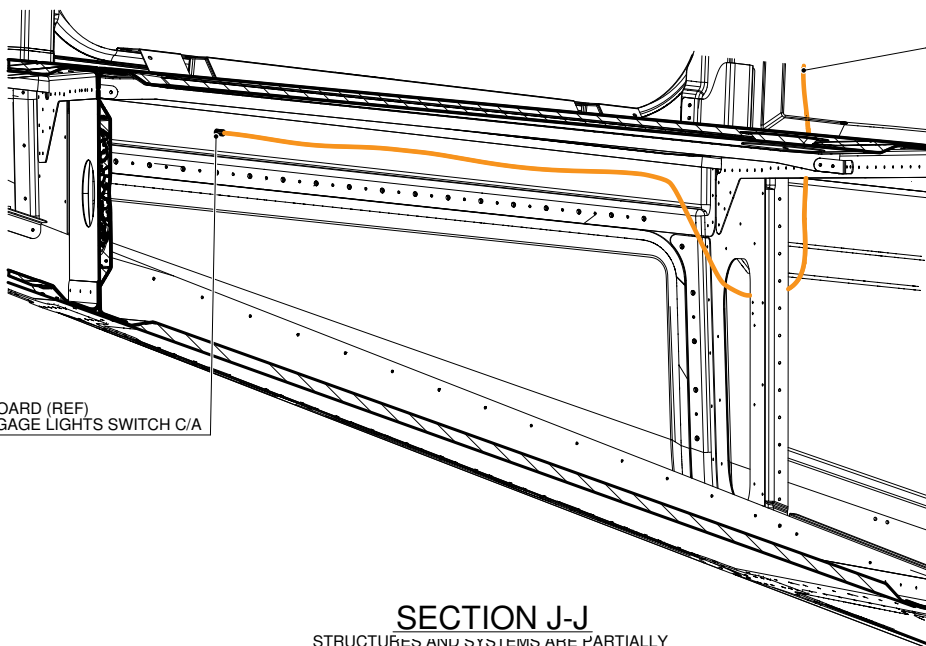
CONTINUE ON
FIGURE 28 (VIEW A)



CONTINUE ON
FIGURE 32 (SECTION J-J)

VIEW H

STRUCTURES AND SYSTEMS ARE PARTIALLY
OMITTED FOR BETTER CLARITY PURPOSE



CONTINUE ON
FIGURE 32 (VIEW H)

TB3031
TERMINAL BOARD (REF)
B1A497 BAGGAGE LIGHTS SWITCH C/A

SECTION J-J

STRUCTURES AND SYSTEMS ARE PARTIALLY
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Figure 34

S.B. N°189-305 OPTIONAL

DATE: March 11, 2024

REVISION: /

8G2620A03911
EXTINGUISHER HF INST STA5700

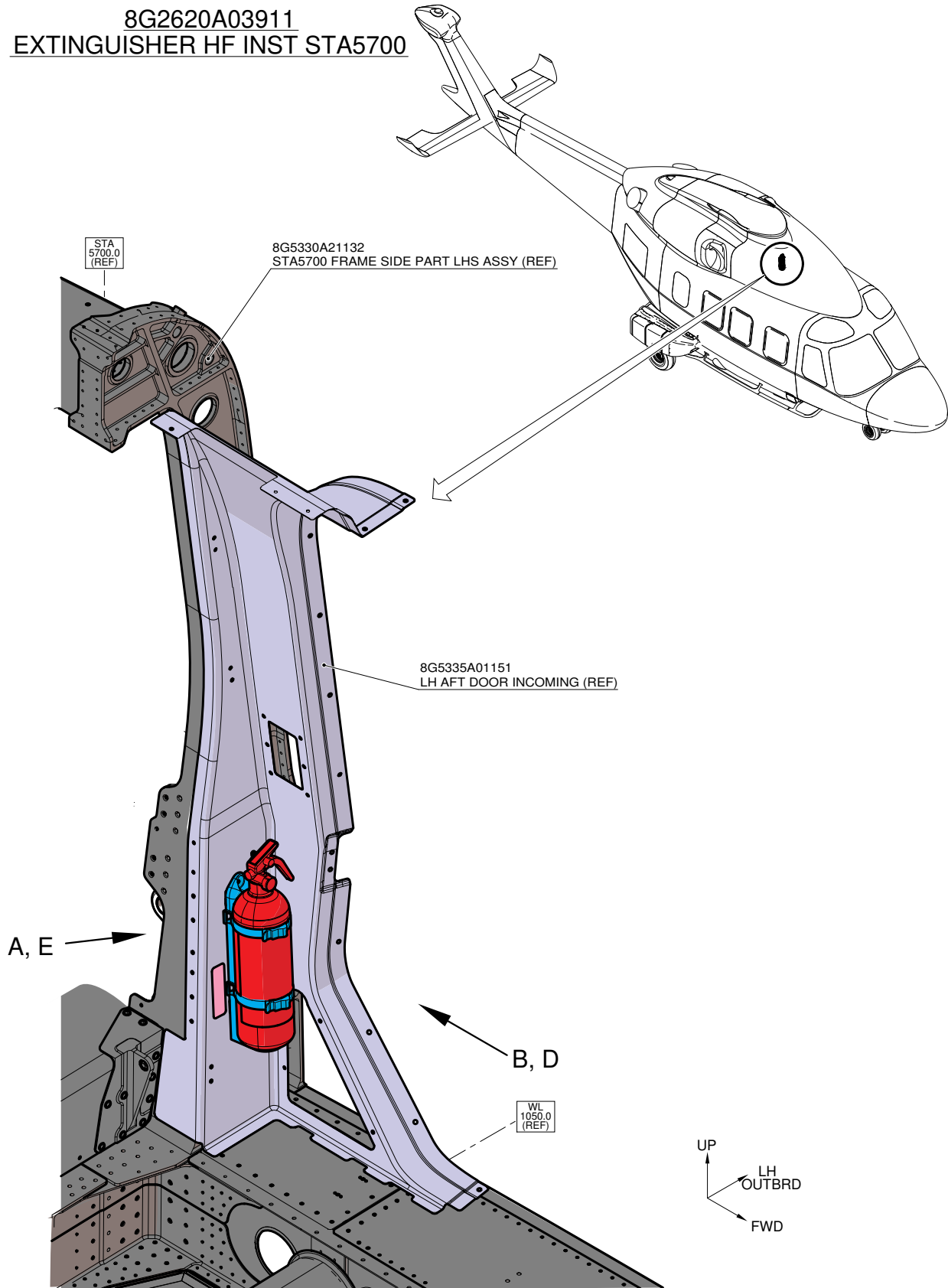
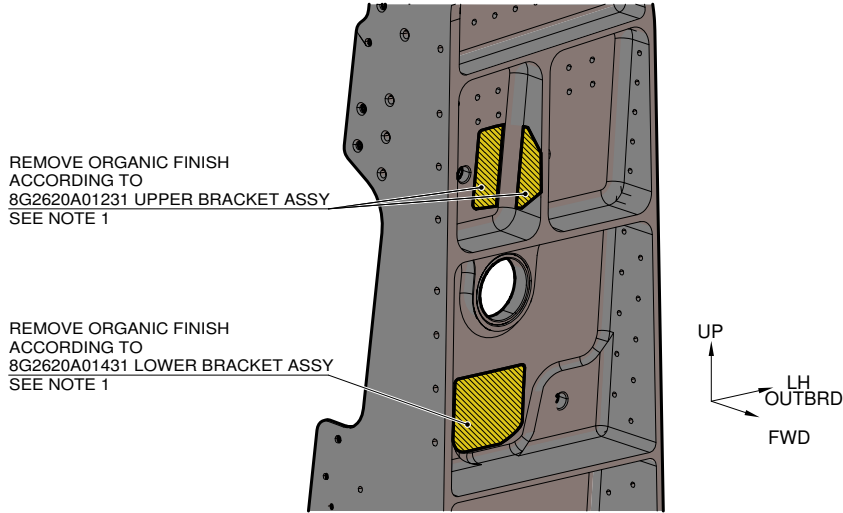


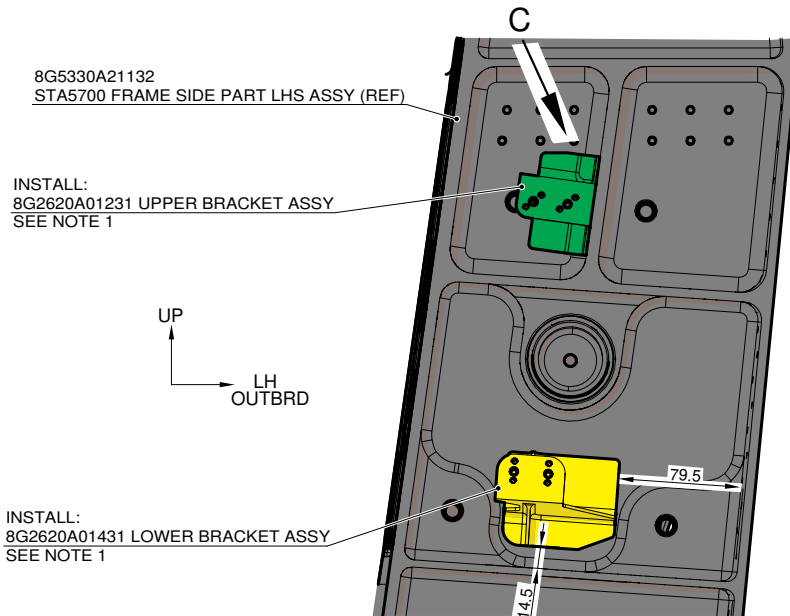
Figure 35

NOTE 1: APPLY PRIMER EA9203 BEFORE BONDING ON THE CONTACT SURFACES TO ASSURE THE CORRECT BONDING



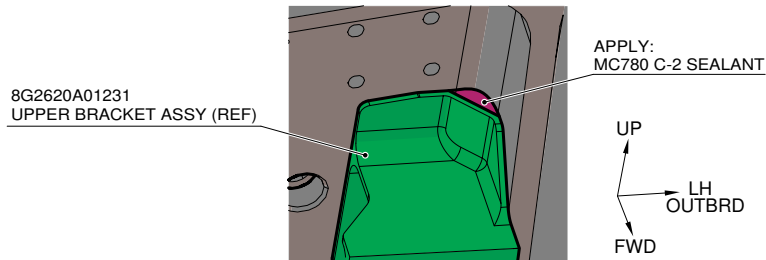
VIEW A

STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



VIEW B

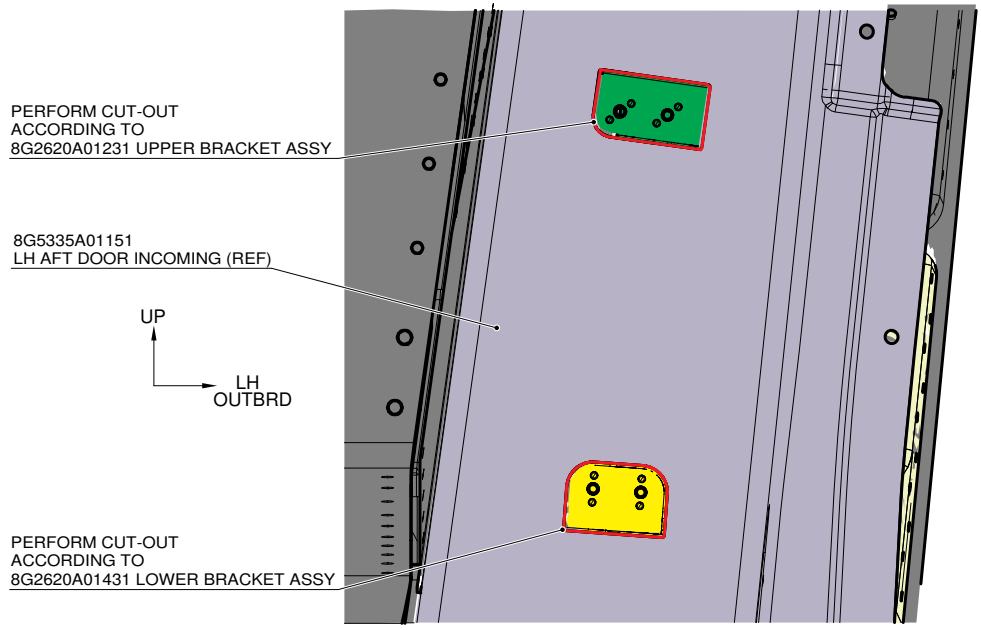
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE



VIEW C

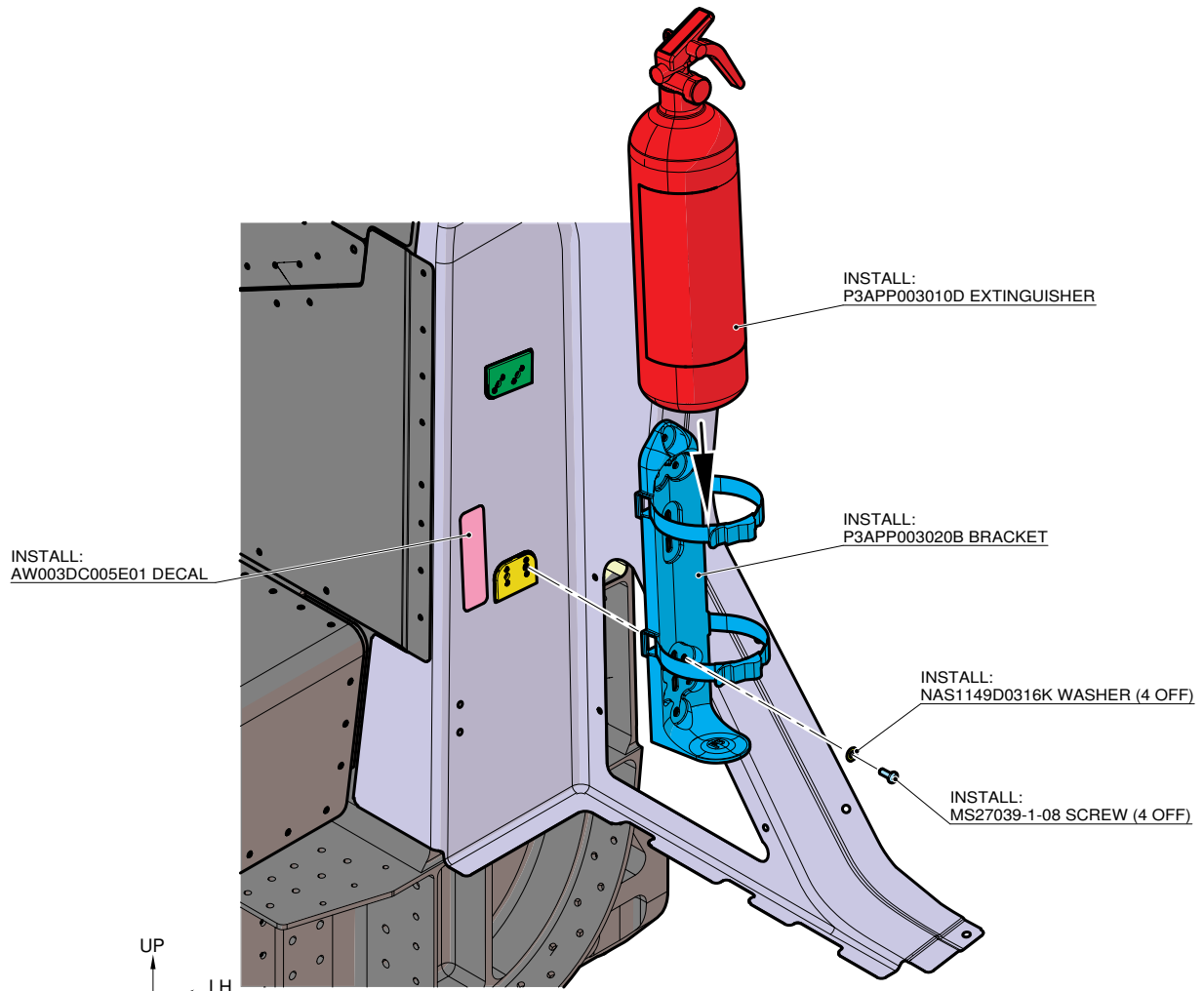
STRUCTURES AND SYSTEMS ARE PARTIALLY OMITTED FOR BETTER CLARITY PURPOSE

Figure 36



VIEW D

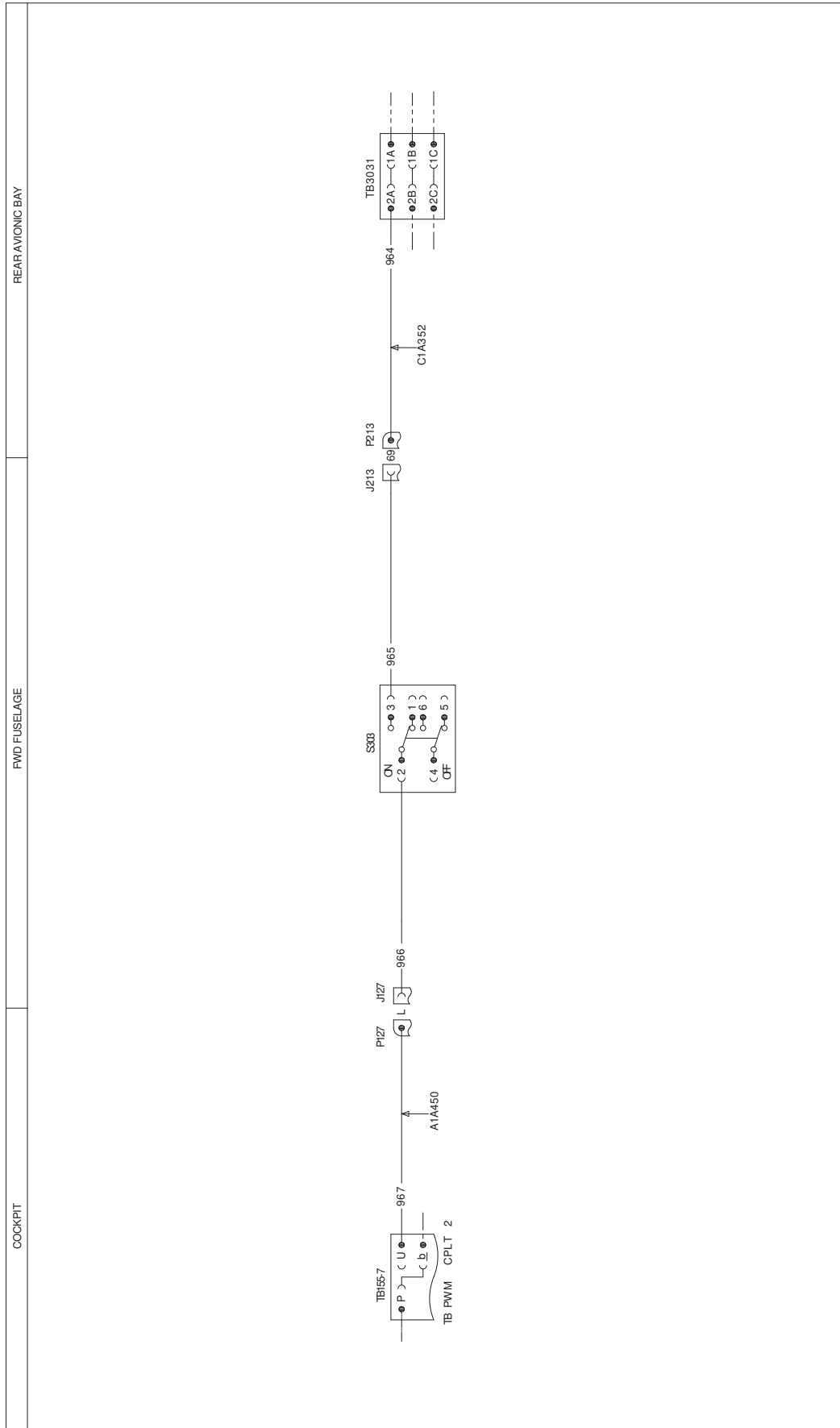
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VIEW E

STRUCTURES AND SYSTEMS ARE PARTIALLY
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Figure 37



8G3320W01801
WIRING DIAGRAM BAGGAGE LIGHTS SWITCH

FUNCTIONAL NOTES
ALL CABLES ARE IN LOOM B1A497 UNLESS SPECIFIED
ALL CABLES ARE OF TYPE A556A 22 UNLESS SPECIFIED

Figure 38

Please send to the following address: LEONARDO S.p.A. CUSTOMER SUPPORT & SERVICES - ITALY PRODUCT SUPPORT ENGINEERING & LICENSES DEPT. Via Giovanni Agusta, 520 21017 Cascina Costa di Samarate (VA) - ITALY Tel.: +39 0331 225036 Fax: +39 0331 225988		SERVICE BULLETIN COMPLIANCE FORM		Date:
		Number:		
		Revision:		
Customer Name and Address:		Telephone:		
		Fax:		
		B.T. Compliance Date:		
Helicopter Model	S/N	Total Number	Total Hours	T.S.O.
Remarks:				
Information: We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address or you can communicate the application also via Technical Bulletin Application Communication Section placed in Leonardo AW Customer Portal - MyCommunications Area. We thank you beforehand for the information given.				