

13121110987654321

NEXT HIGHER ASSEMBLY

ASSEMBLY NO.	ASSEMBLY NAME
TBD	TBD

ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	0	RELEASE FOR PROTOTYPE	01-04-24	-

ASSEMBLER NOTES:

1- USE THREADLOCKER, LOCTITE 242 ON ALL SCREWS.

STEP 1:

8H		4		91698A712	MCMaster Carr	SCREW, M2 X .4MM X 16MML PFH BLK	EA
7H		16		90592A004	MCMaster Carr	NUT, MACHINE M2 MM	EA
6H		12		91698A204	MCMaster Carr	SCREW, M2 X .4MM X 8MML PFH BLK	EA
5H		4		91698A202	MCMaster Carr	SCREW, M2 X .4MM X 6MML PFH BLK	EA
4H		6		90923A216	MCMaster Carr	NUT, M3 EXTERNAL TOOTH	EA
3H		6		91698A304	MCMaster Carr	SCREW, M3 X .5MM X 8MML PFH BLK	EA
2H		5		95836A105	MCMaster Carr	SCREW, M2 X .4MM X 4MML PPH BLK	EA
1H		19		94459A110	MCMaster Carr	BRASS INSERT, M2 X .4MM X2.5L	EA

ITEM NO. NOTES QTY EQUINOX PN: INITIAL RND PN: MFG/SUPPLIER: DESCRIPTION U/M

BILL OF MATERIALS HARDWARE

2M		1	EQUINOX	16M-1007-14_COMPONENT_SUP_PLATE	EA
1M	AL	1	EQUINOX	16M-1007-09_BACKPLATE_BLK_ANODIZE_AL	EA

ITEM NO. NOTES QTY MFG/SUPPLIER: MFG PN/DESCRIPTION U/M

BILL OF MATERIALS MACHINE PARTS

5		1		XXX	XXX	DOODLE RADIO	EA
4		1	10A-1005-05		EQUINOX	10A-1005-05_EOIR_SW	EA
3		1	10A-1005-04		EQUINOX	10A-1005-04_PAN_TILT_SW	EA
2		1	15A-1003-04		EQUINOX	15A-1003-04_RHT_ARM_ASSY	EA
1		1	15A-1003-02		EQUINOX	15A-1003-02_LEFT_ARM_ASSY	EA

ITEM NO. NOTES QTY EQUINOX PN: INITIAL RND PN: MFG/SUPPLIER: DESCRIPTION U/M

THIRD ANGLE PROJECTION IN ACCORDANCE WITH EQUINOX STANDARDS/ ASME Y14.5

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM TOLERANCES: ANGULAR +/- 5 BEND +/- .3 TWO PLACE DECIMAL +/- .250 THREE PLACE DECIMAL +/- .125

REV B: 2023-05-02

APPROVAL CHAIN

INITIALS	DATE
DWG DRAFTER: RGB	01-04-24
CHECKER:	
ENG. APPR:	

EQUINOX INNOVATIVE SYSTEMS

8901 HERRMANN DR SUITE C, COLUMBIA, MD 21045

PHONE: 443-456-4036 INFO: <https://equinoxinnovativesystems.com>

PART/ASSEMBLY NAME

MAIN SUPPORT SUB-ASSEMBLY

SIZE

B

DRAWING NO.

15A-1003-07

REV

0

CAGE CODE: 7PY27

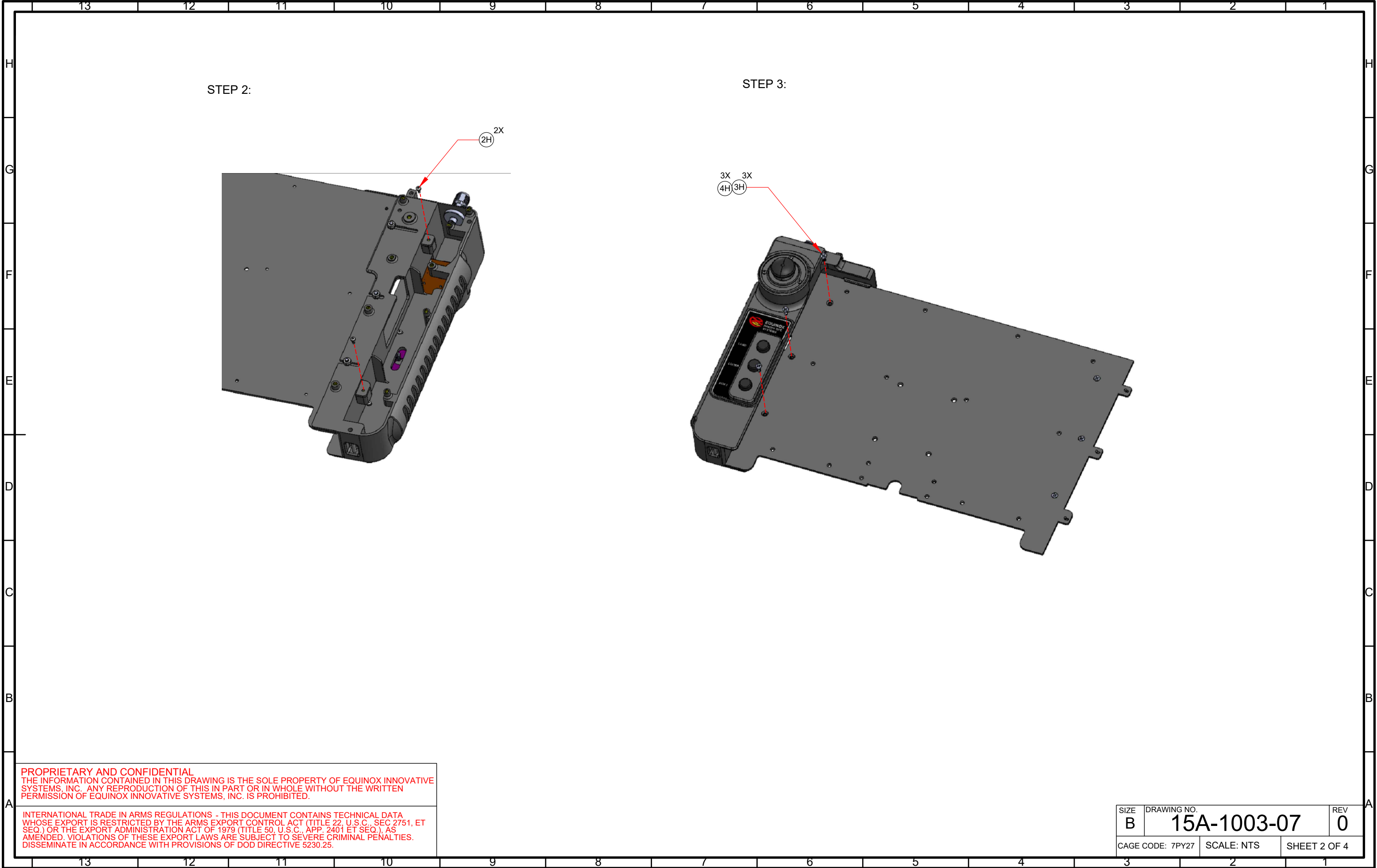
SCALE: NTS

SHEET 1 OF 4

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STEP 2:

STEP 3:

2X
(2H)

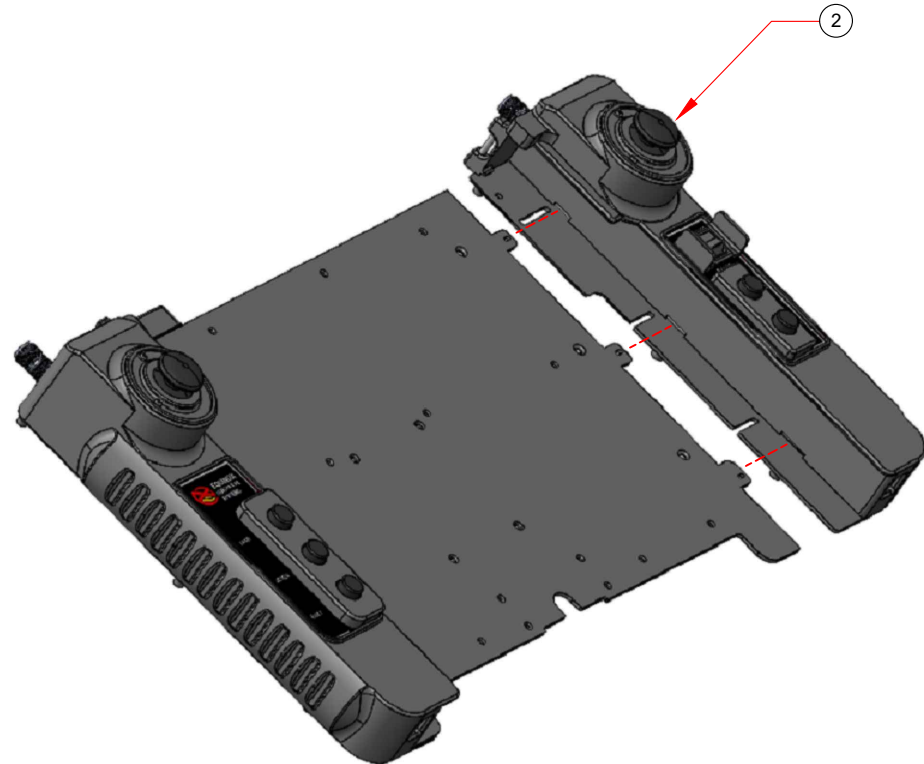
3X 3X
(4H) (3H)

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SIZE	DRAWING NO.	REV
B	15A-1003-07	0
CAGE CODE: 7PY27	SCALE: NTS	SHEET 2 OF 4

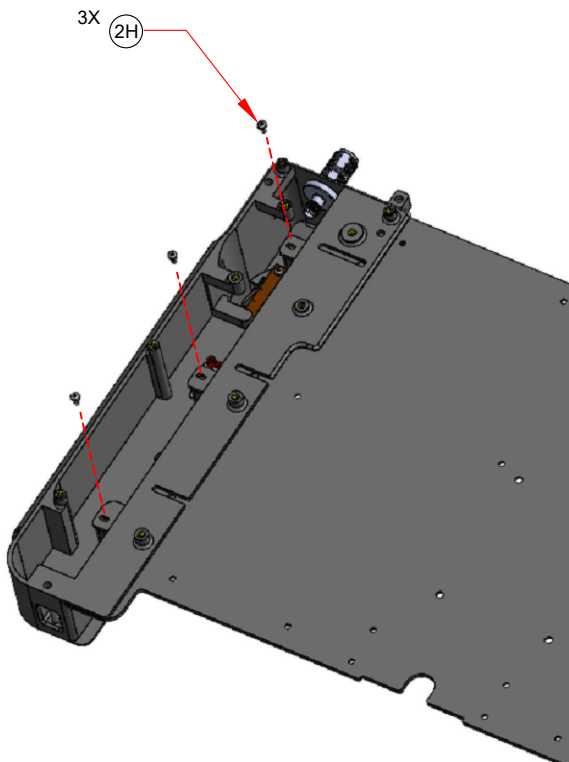
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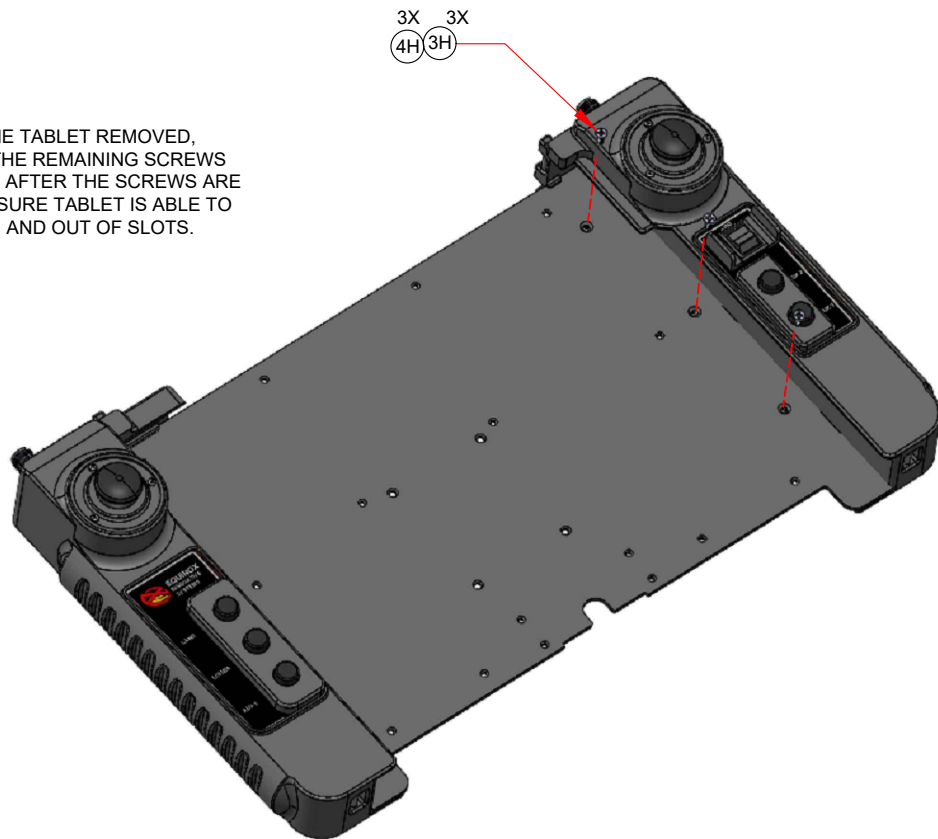
STEP 5: MATCH FIT TABLET BY SLIDING
TABLET THRU THE SLOT.



STEP 6: APPLY SCREWS SHOWN WHILE
TABLET IS IN PLACE.



STEP 7: WITH THE TABLET REMOVED,
APPLY THE REMAINING SCREWS
SHOWN. AFTER THE SCREWS ARE
SET, ENSURE TABLET IS ABLE TO
SLIDE IN AND OUT OF SLOTS.

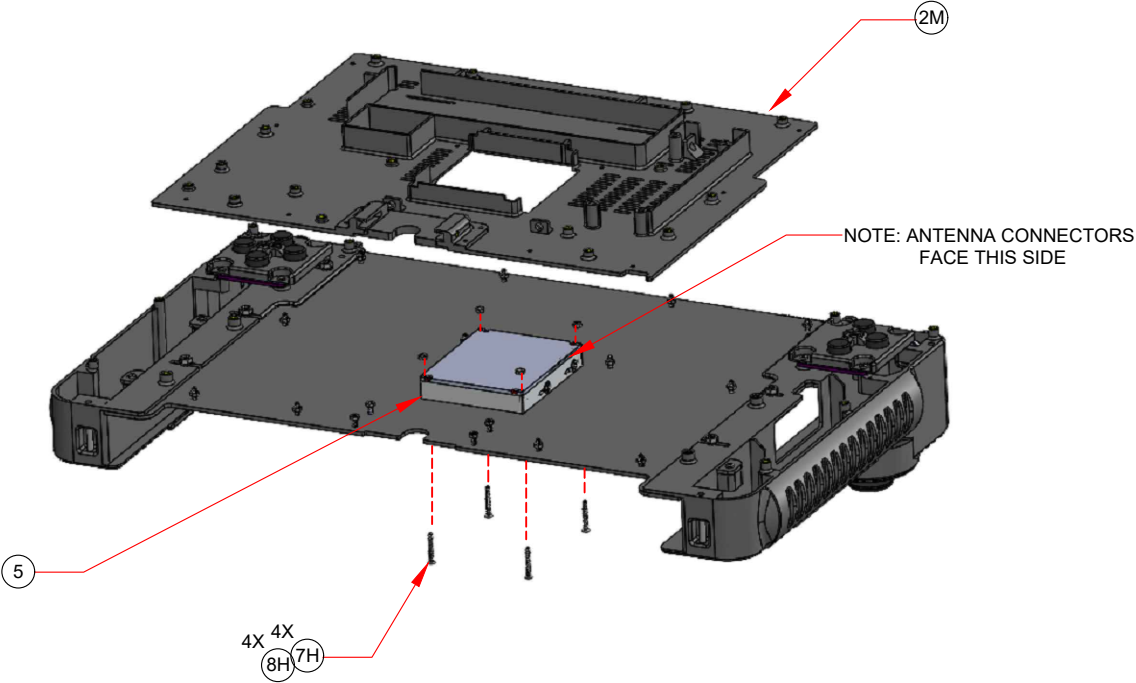


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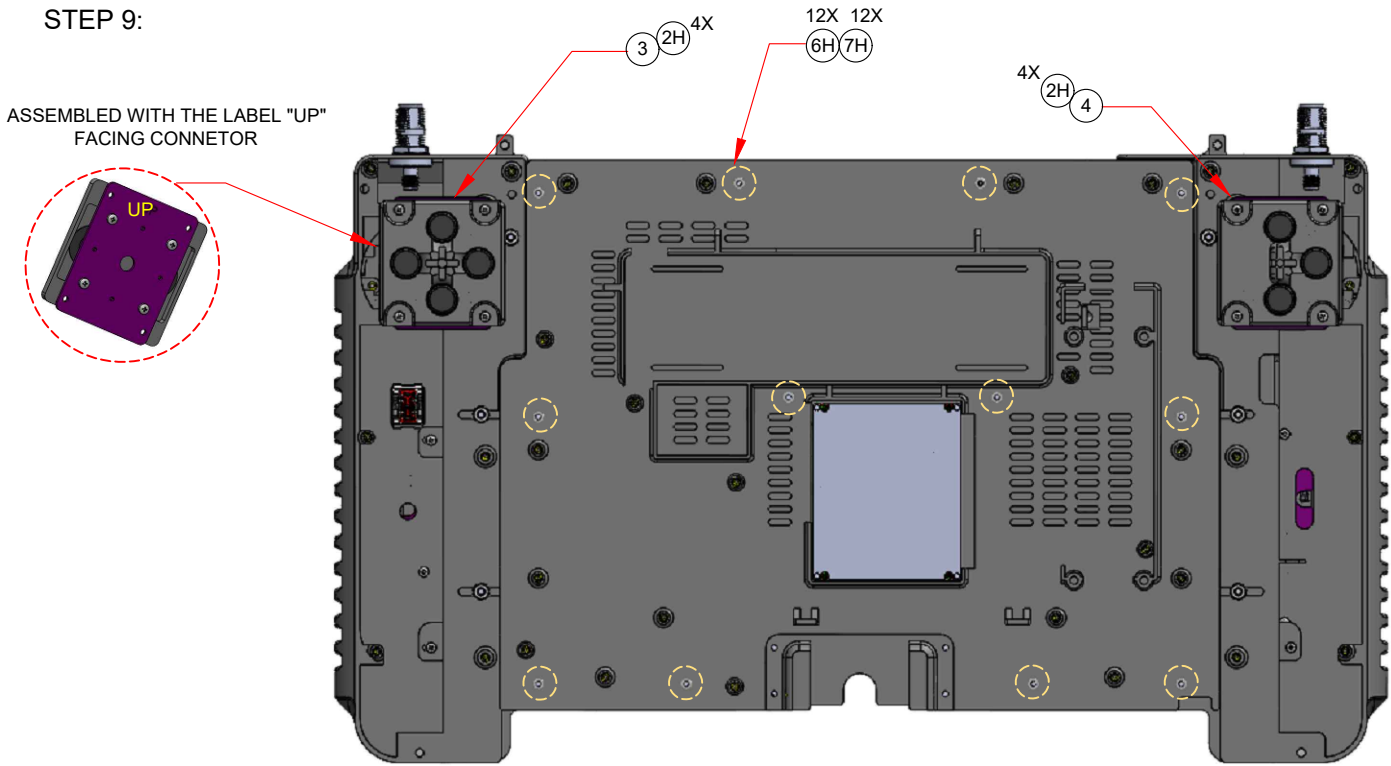
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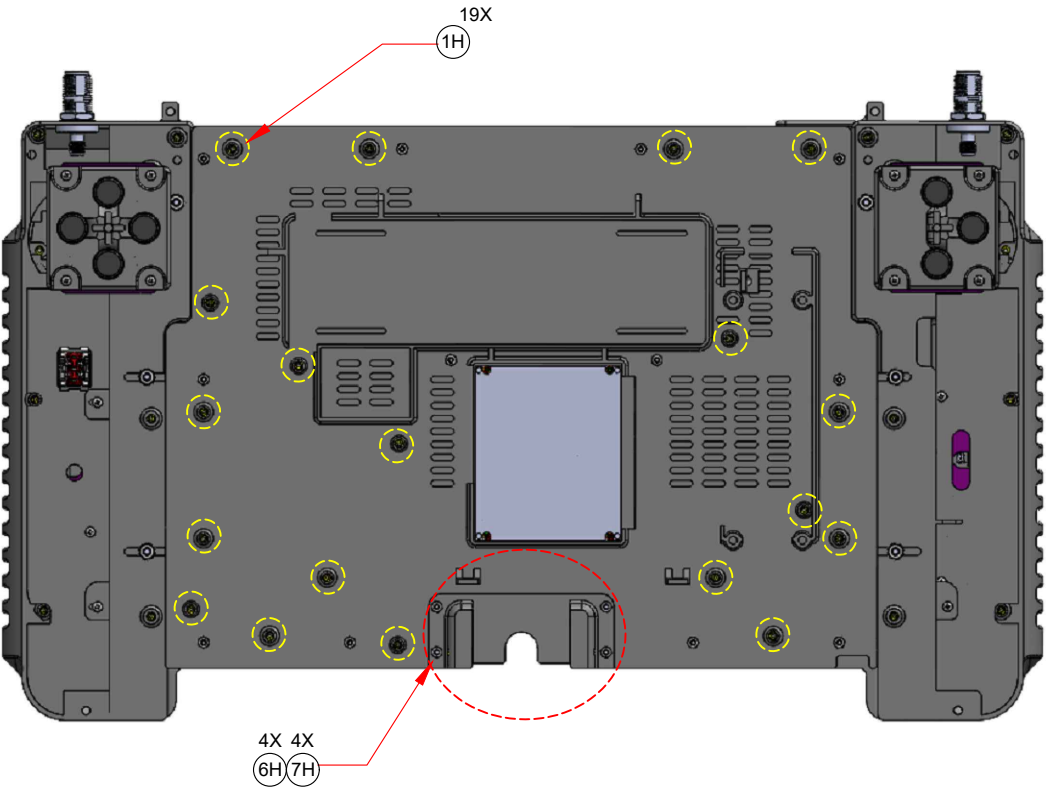
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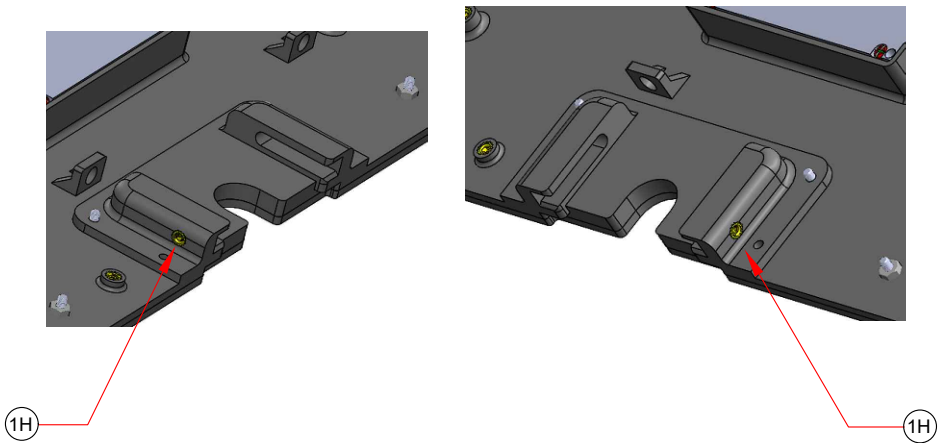
STEP 9:



STEP 10:



STEP 11:



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