



Carrier Transicold Industries
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France
R.C. Rouen 8 410 041 677

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NUMERO DE CODE CTD : 98-60724-00
CTD PART NO.: 98-60724-00

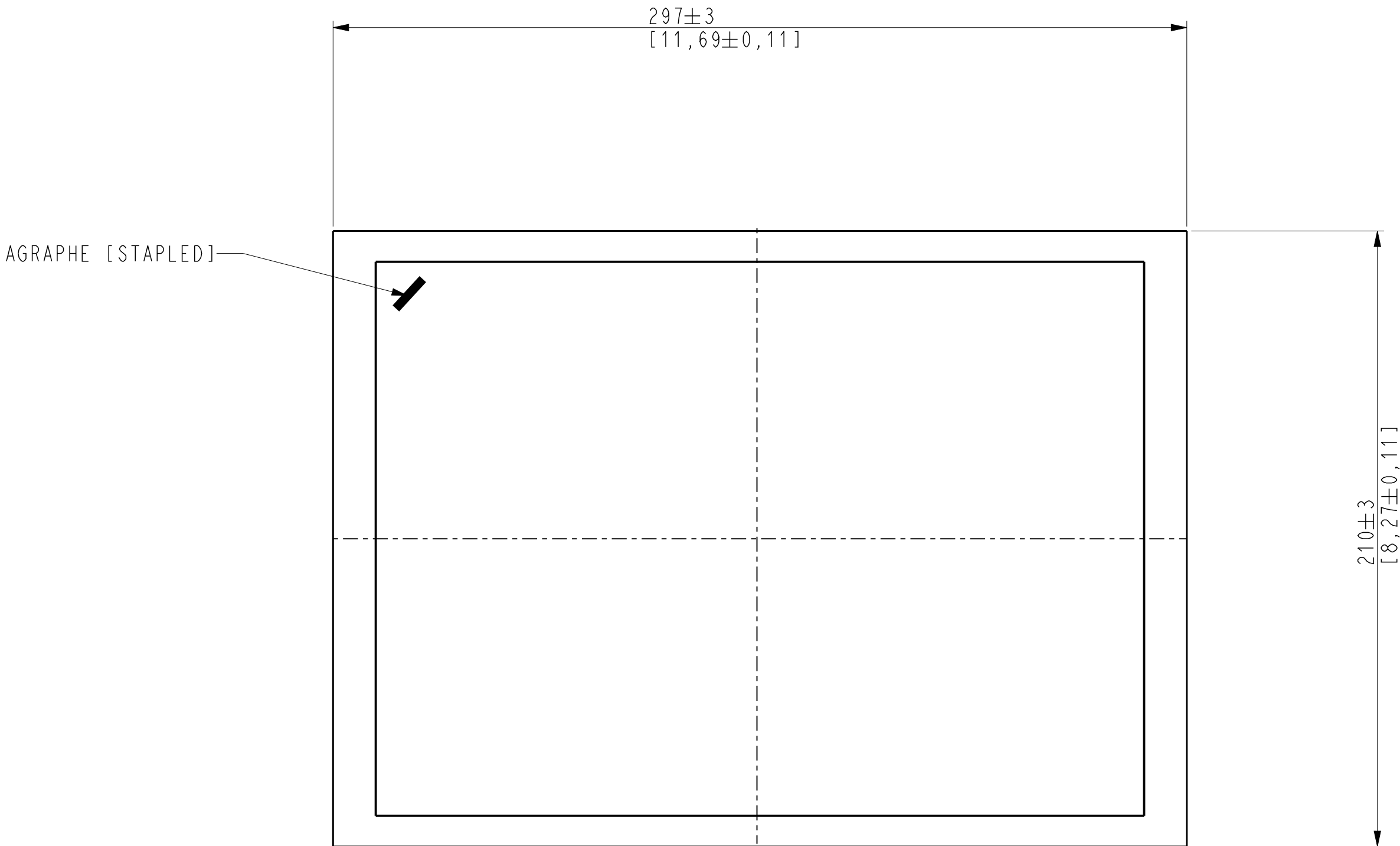
FOURNISSEUR: OU EQUIVALENT AGREE PAR LE SERVICE ENGINEERING
[SUPPLIER: OR ENGINEERING APPROVED EQUIVALENT.]

NUMERO DE PIECE FOURNISSEUR: NUMERO DE CODE CTD.
[SUPPLIER PART NO.: SAME AS CTD PART NUMBER.]

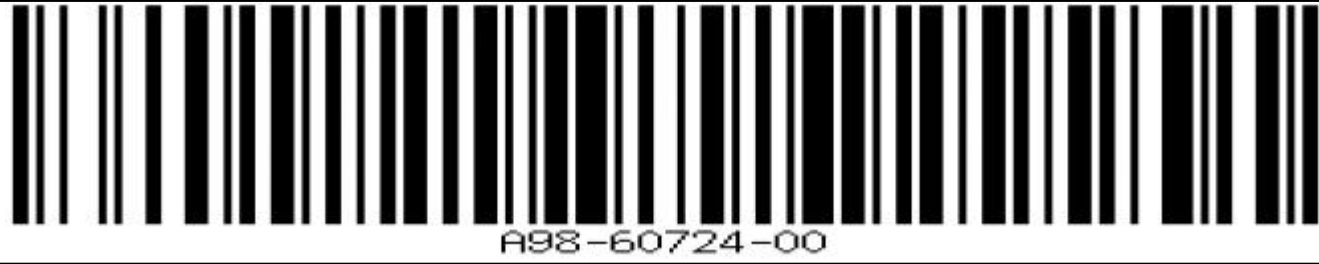
MODELE INITIAL : SUPRA HE / SUPRA S

SPECIFICATIONS:
[SPECIFICATIONS:]

- 1.0 MATIERE: PAPIER.
[MATERIAL: PAPER.]
- 2.0 EPAISSEUR: 80 GR/M2.
[THICKNESS: 80 PER SQUARE METER.]
- 3.0 COULEUR MATIERE: BLANC.
[MATERIAL COLOR: WHITE.]
- 4.0 COULEUR IMPRESSION: NOIRE RECTO VERSO.
[PRINTING COLOR: BLACK RECTO VERSO]
- 5.0 MARQUAGE: LE NUMERO DE CODE CTD DOIT ETRE MARQUE SUR L'EMBALLAGE.
[MARKING: CTD PART NO.(SEE CHART) INCLUDING REVISION LETTER
MUST BE MARKED ON SHIPPING CONTAINER. IN ADDITION,
THE PART(S) SHIPPING CONTAINER(S) MUST BE MARKED
IN ACCORDANCE WITH U.S. CODE OF FEDERAL REGULATION (CFR)
19-S,PARTS 134, COUNTRY OF ORIGIN MARKING REQUIREMENTS.]
- 6.0 EMBALLAGE:L'EMBALLAGE DOIT CORRECTEMENT,PROTEGER LA MARCHANDISE
DES DOMAGES DE TRANSPORT,DE LA SALETE ET DES ELEMENTS CORROSIFS.
[PACKAGING:MUST ADEQUATELY PROTECT DECAL FROM SHIPPING DAMAGE,
DIRT AND CORROSIVES ELEMENTS.]
- 7.0 PROPRETE: LE DOCUMENT DOIT ETRE PROPRE ET SANS CONTAMINANTS
[CLEANLINESS: THE DOCUMENT MUST BE CLEAN AND FREE OF CONTAMINANTS.]



P	UPDATED INSTRUCTION PAGE 1,4,10.	08 APR 2024	LT-CM	---	---	1180085	FIRST ANGLE PROJECTION		TITLE	INSTRUCTION DE MONTAGE POUR SUPRA HE [MOUNTING INSTRUCTIONS FOR SUPRA HE]	DRAWING NO.	98-60724	REV	P
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.								

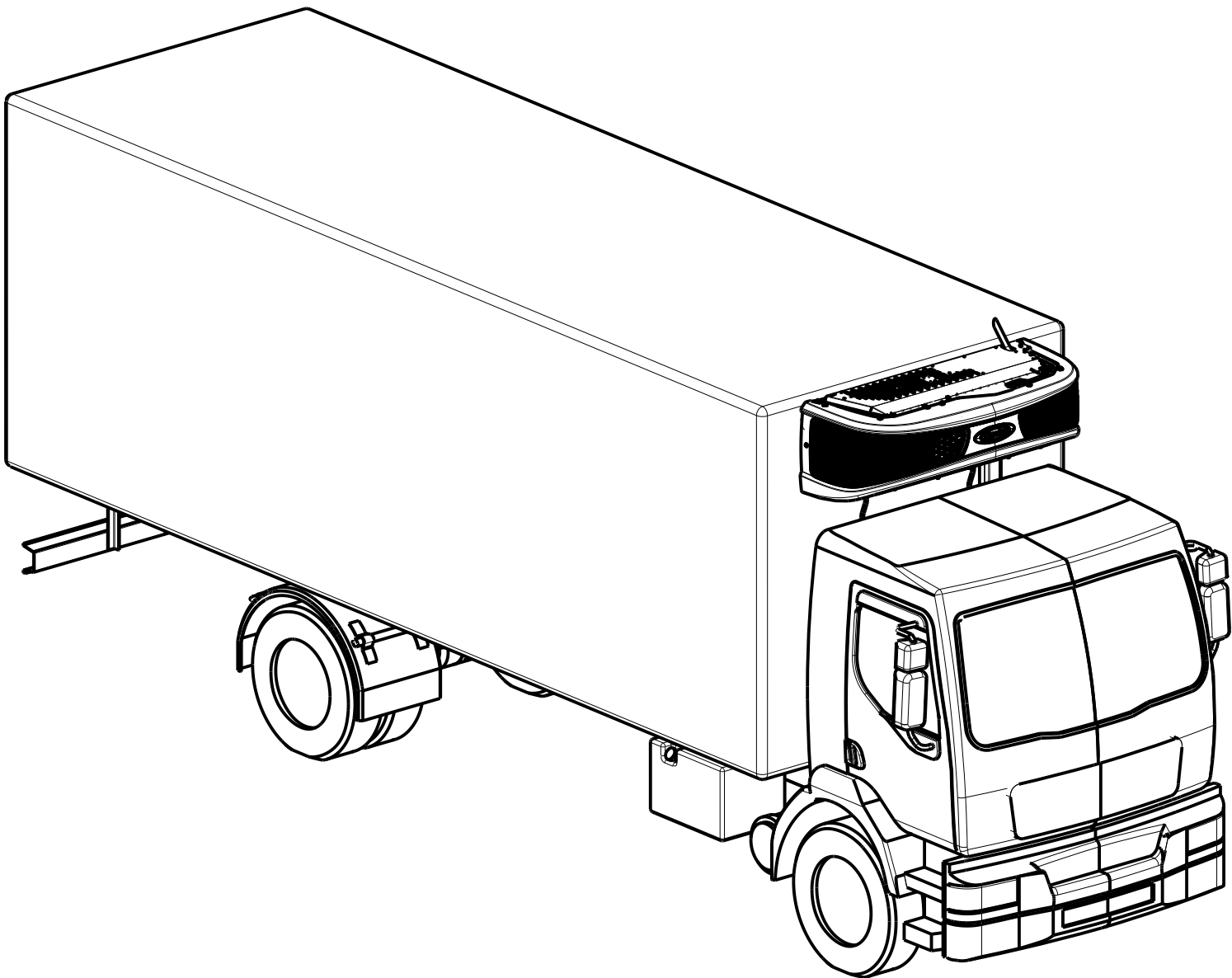


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SINGLE TEMP AND MULTI TEMP
INSTALLATION INSTRUCTION



BILL OF MATERIAL DELIVERED WITH THE MOUNTING KIT

CONTENTS	SHEET
GENERAL INFORMATION	1 & 2
BODY PREPARATION AND LIFTING	3, 4 & 5
UNIT INSTALLATION ELECTRICAL,FUEL LINE(UNIT)	6
BATTERY CONNEXION, TANK PREPARATION	7
STAND BY PLUG INSTALLATION & EXHAUST INSTALLATION	8
COMMISSIONNING AND SKIN ASSY	9
Ⓟ TOP GRILL/PANEL ASSY & DOCUMENTATION	10

SHEET INDEX	REV	P	K	K	P	M	H	H	J	N	P
	SHEET	1	2	3	4	5	6	7	8	9	10



WARNING
READ ALL NOTES PRIOR TO INSTALLATION

1-INSTALLATION OF THIS REFRIGERATION UNIT MUST BE PERFORMED BY A QUALIFIED TECHNICIAN. ONETECHNICIAN IS NEEDED TO INSTALL THE UNIT.

2- SAFETY:

2-1 PERSONNAL PROTECTIVE EQUIPEMENT (PPE) BEFORE INSTALLING THIS REFRIGERANT UNIT, ALWAYS USE TOOLS AND PERSONAL PROTECTIVE EQUIPMENT IN ACCORDANCE WITH CARRIER LOG-OUT/TAG-OUT PROCEDURE(CTE MANDATORY FATALITY PREVENTION REVIEW: LO/TO AND ELECTRICITY).



2.2 RISKS:



2.3 UNIT HANDLING:



ALL LIFTING TOOLS MUST BE COMPLIANT WITH THE LOCAL REGULATION AND BE ADAPTED TO WEIGHTS TO BE LIFTED.

2-4 WORKING AT HEIGHT



USE A PLATFORM COMPLIANT WITH THE REGULATION. IF NO PLATFORM AVAILABLE , USE SPECIFIC ADAPTED TOOLS.

2-5 BATTERY

NEVER LEAVE A UNIT MORE THAN ONE MONTH WITHOUT RUNNING ; IN CASE OF LONG STANDSTILL, CHARGE THE BATTERY INDEPENDENTLY ; BEFORE PERFORMING ANY WELDING ON THE CHASSIS, TAKE CARE TO DISCONNECT THE BATTERY FROM THE UNIT AND THE VEHICLE AS WELL AS FROM THE ALTERNATOR AND ANY OTHER ELECTRONIC SYSTEM (MICROPROCESSOR).

NEVER TRY TO START THE VEHICLE WITH A BOOSTER BECAUSE THIS COULD DAMAGE THE ELECTRONIC COMPONENTS IN THE UNIT OR ON THE VEHICLE;

3-TRUCK BODY

3-1 THE TRUCK STRUCTURE MUST BE EVALUATED BY THE TRUCK MANUFACTURER TO DETERMINE ITS ABILITY TO WITHSTAND THE LOADS IMPOSED BY THE UNIT OVER ITS SERVICE LIFE. CARRIER TRANSICOLD DOES NOT CONVEY ANY ENDORSEMENT OR WARRANTY FOR THE TRUCK’S STRUCTURAL INTEGRITY.

3-2 UNIT MOUNTING SURFACES OF THE TRUCK THAT CONTACT THE UNIT MOUNTING PADS MUST BE UNI-PLANAR AND PARALLEL TO WITHIN 2MM [0.12] TO PREVENT DISTORTION OF THE UNIT AND/OR TRAILER ;

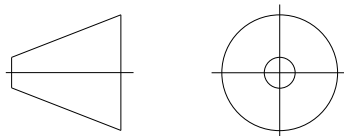
3-3 ALL DIMENSIONS SHOWN ARE MILLIMETERS, WITH IMPERIAL CONVERSIONS IN [INCHES].

4- UNIT MODIFICATION:

NO MODIFICATION ON THE UNIT CAN BE REALIZED WITHOUT THE PRIOR WRITTEN CONSENT FROM CARRIER TRANSICOLD INDUSTRIES (ELECTRICAL, MECHANICAL...) Non exhaustive list.

P	UPDATED BILL OF MATERIAL CHART;SEE SHEET 4,10.	08 APR 2024	LT-CM			1180085
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.

FIRST ANGLE
PROJECTION



UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS SHOWN ARE IN MILLIMETERS,
WITH IMPERIAL CONVERSIONS IN [INCHES]

TITLE

INSTRUCTION DE MONTAGE POUR SUPRA HE
[MOUNTING INSTRUCTIONS FOR SUPRA HE]

DRAWING NO.

98-60724

SHEET 1 OF 10

REV

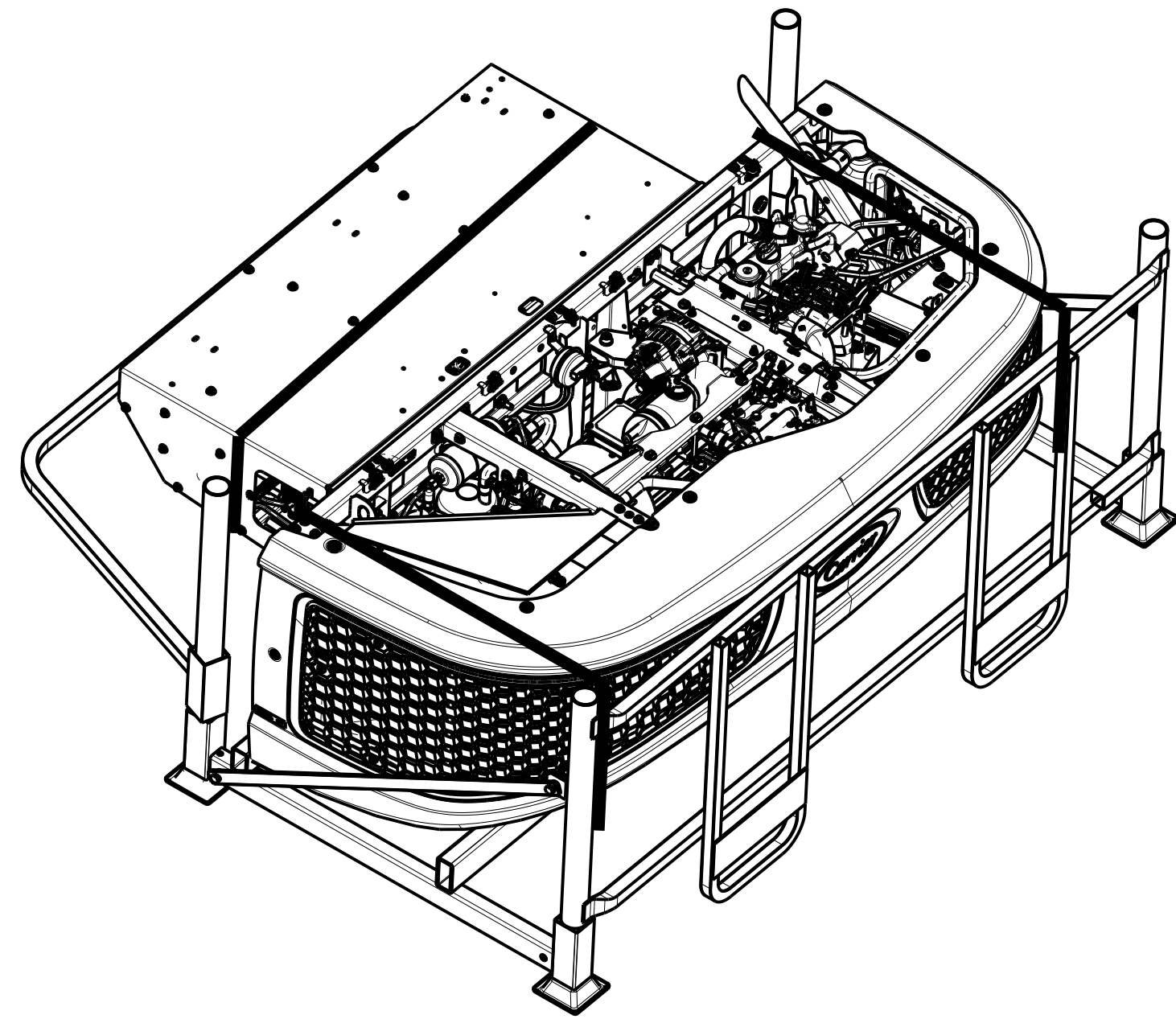
P

DRAWING CLASSIFICATION: US &US_ECCN

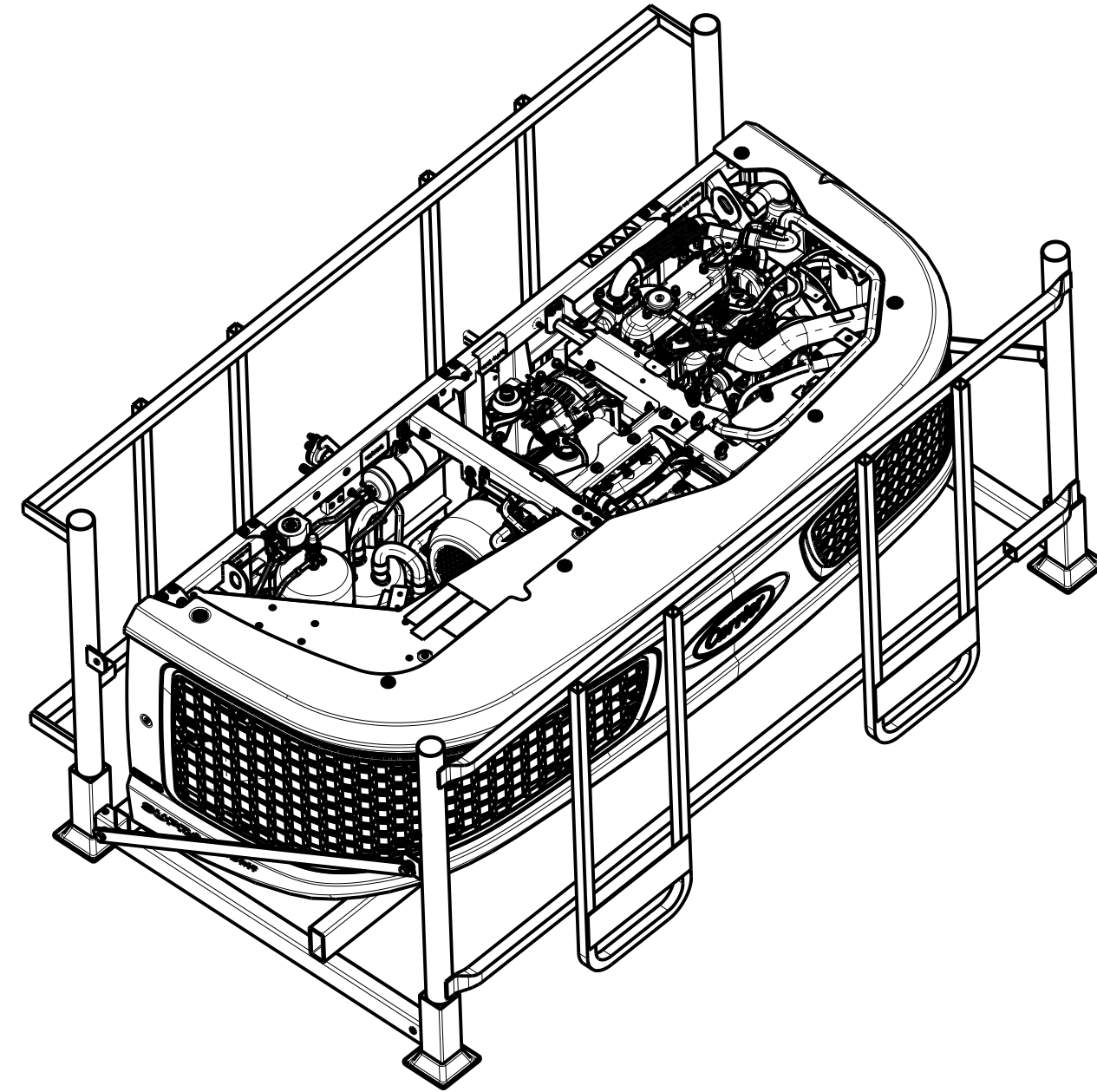
1

1.1) THE UNIT ARRIVES IN AGENCY

SINGLE TEMP

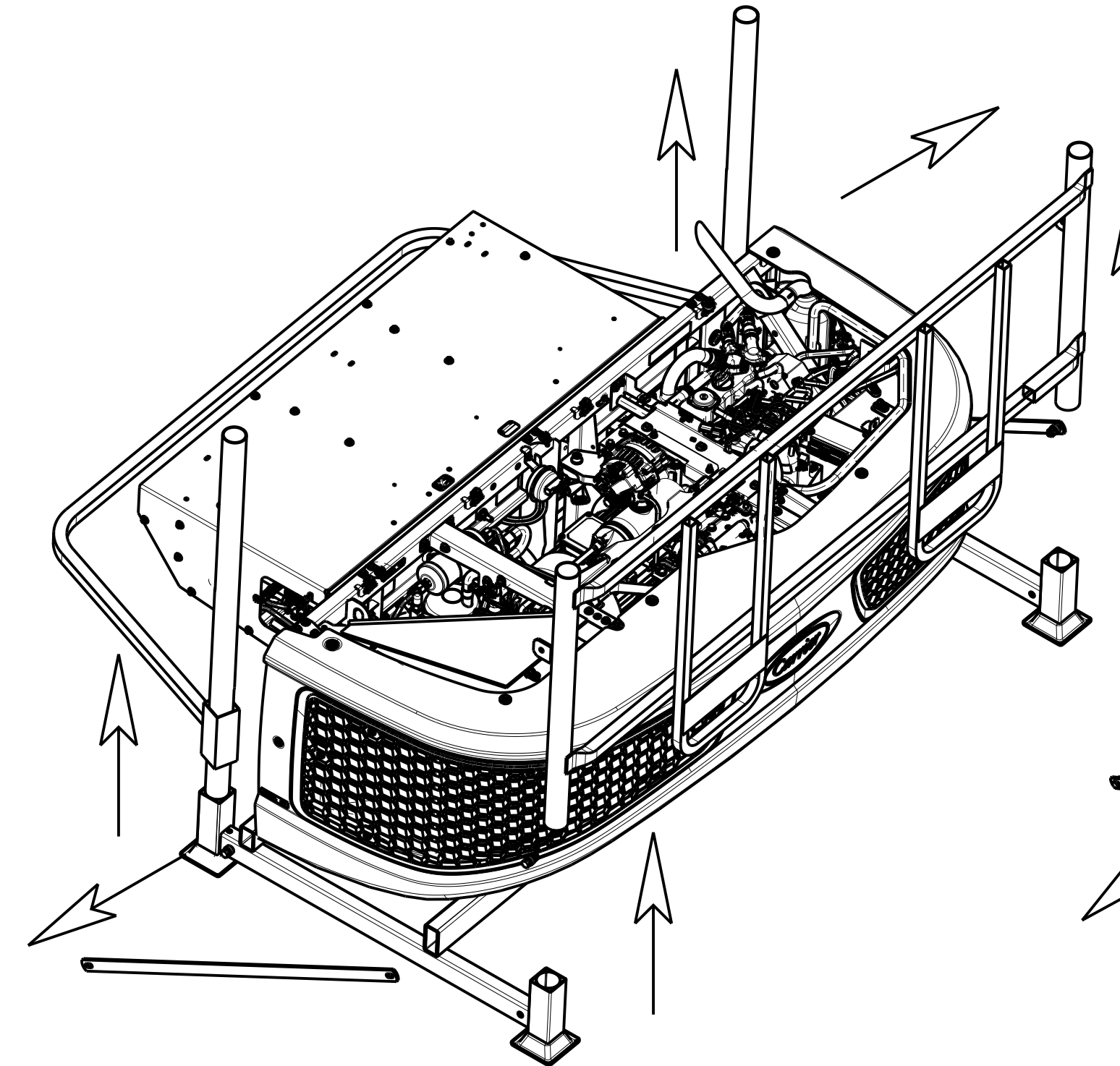


(K) MULTI TEMP

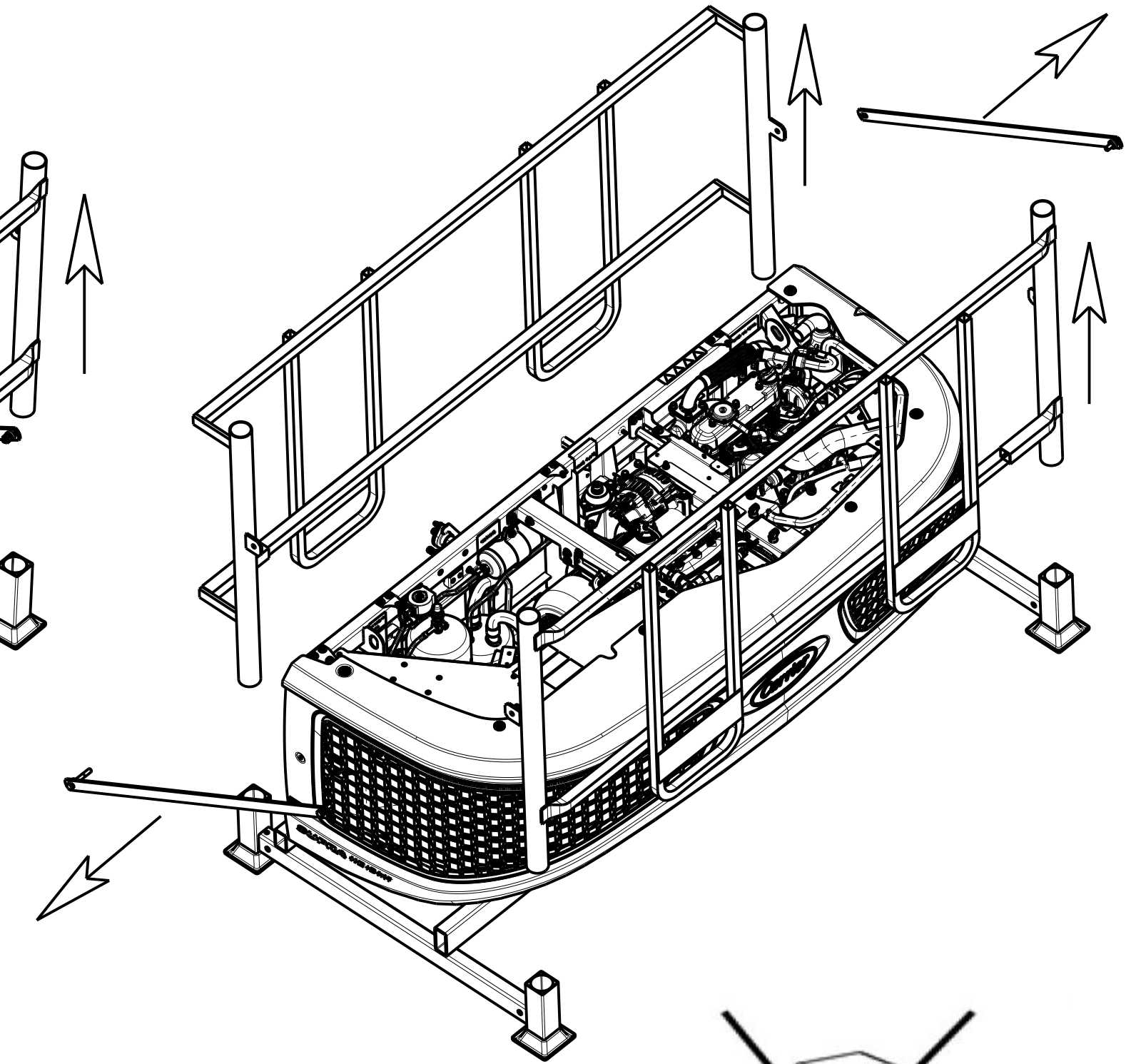


1.2) MAKE THE UNIT FREE OF PROTECTORS

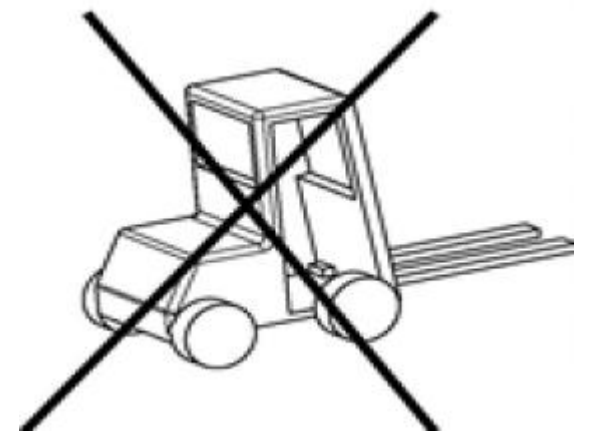
SINGLE TEMP



(K) MULTI TEMP



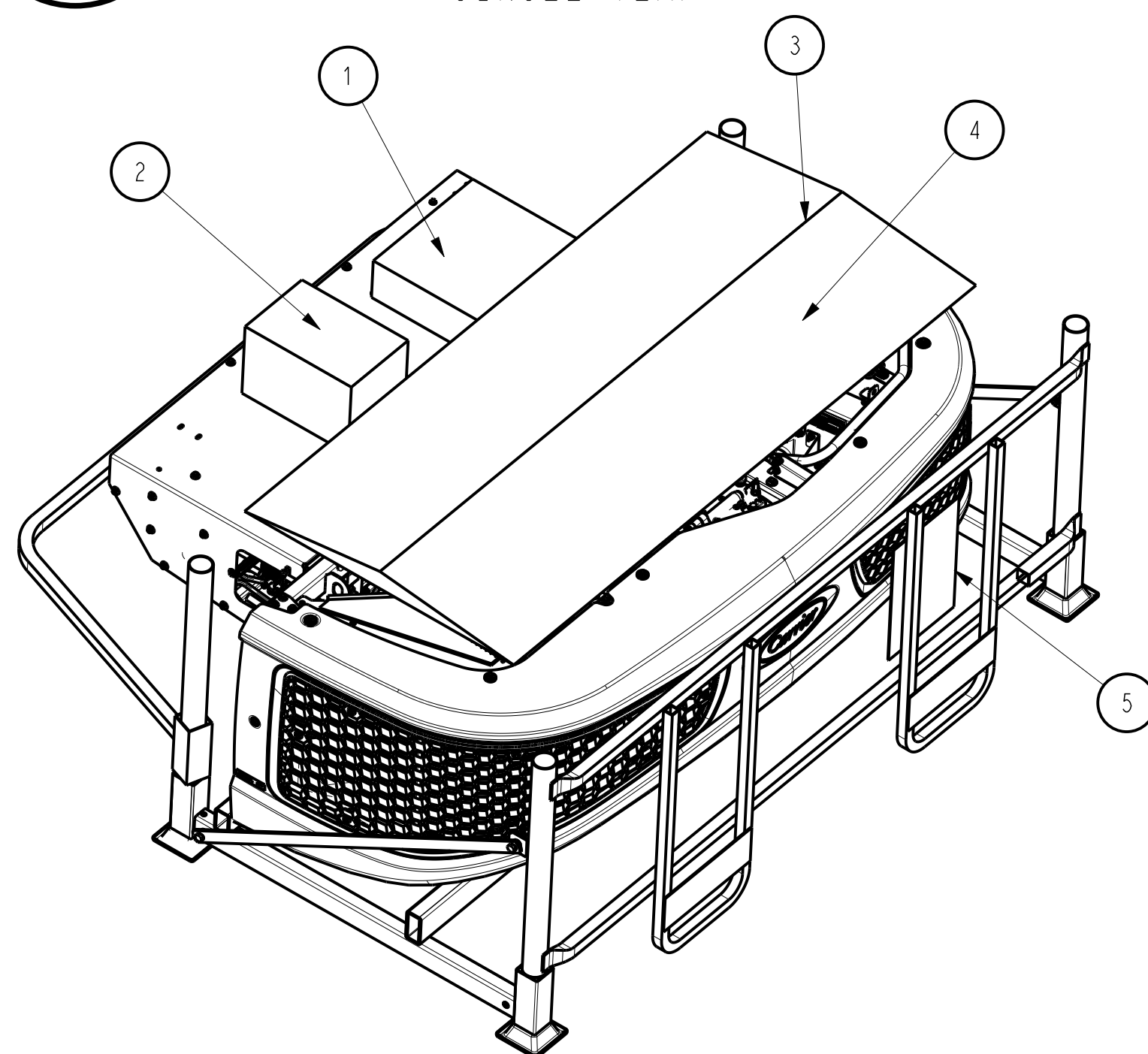
ONCE THE UNIT IS FREE FROM PACKAGING,
IT IS MANDATORY TO FIX IT ON LIFTING TOOL.



2

KITS, LOCATION & DESCRIPTION

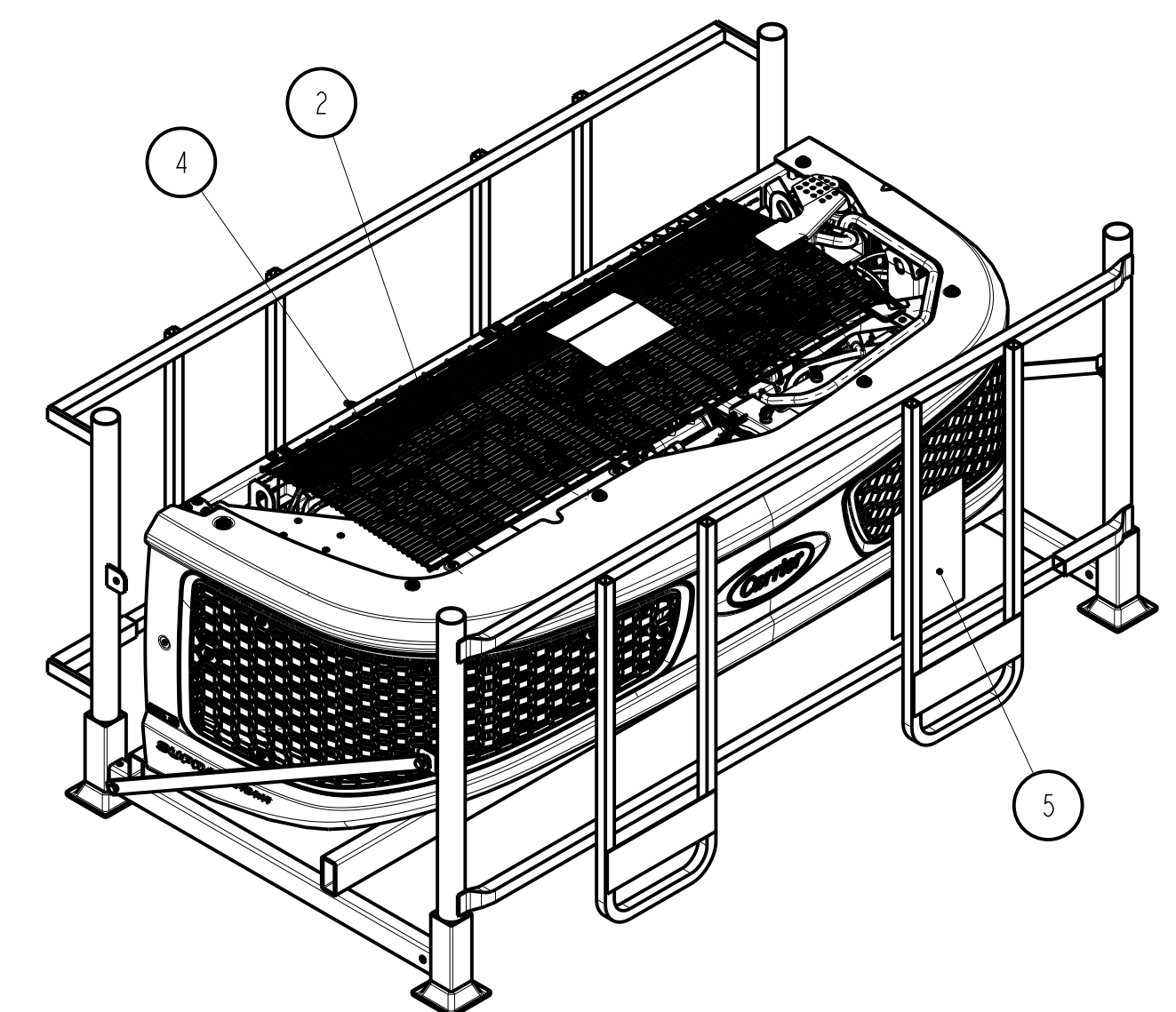
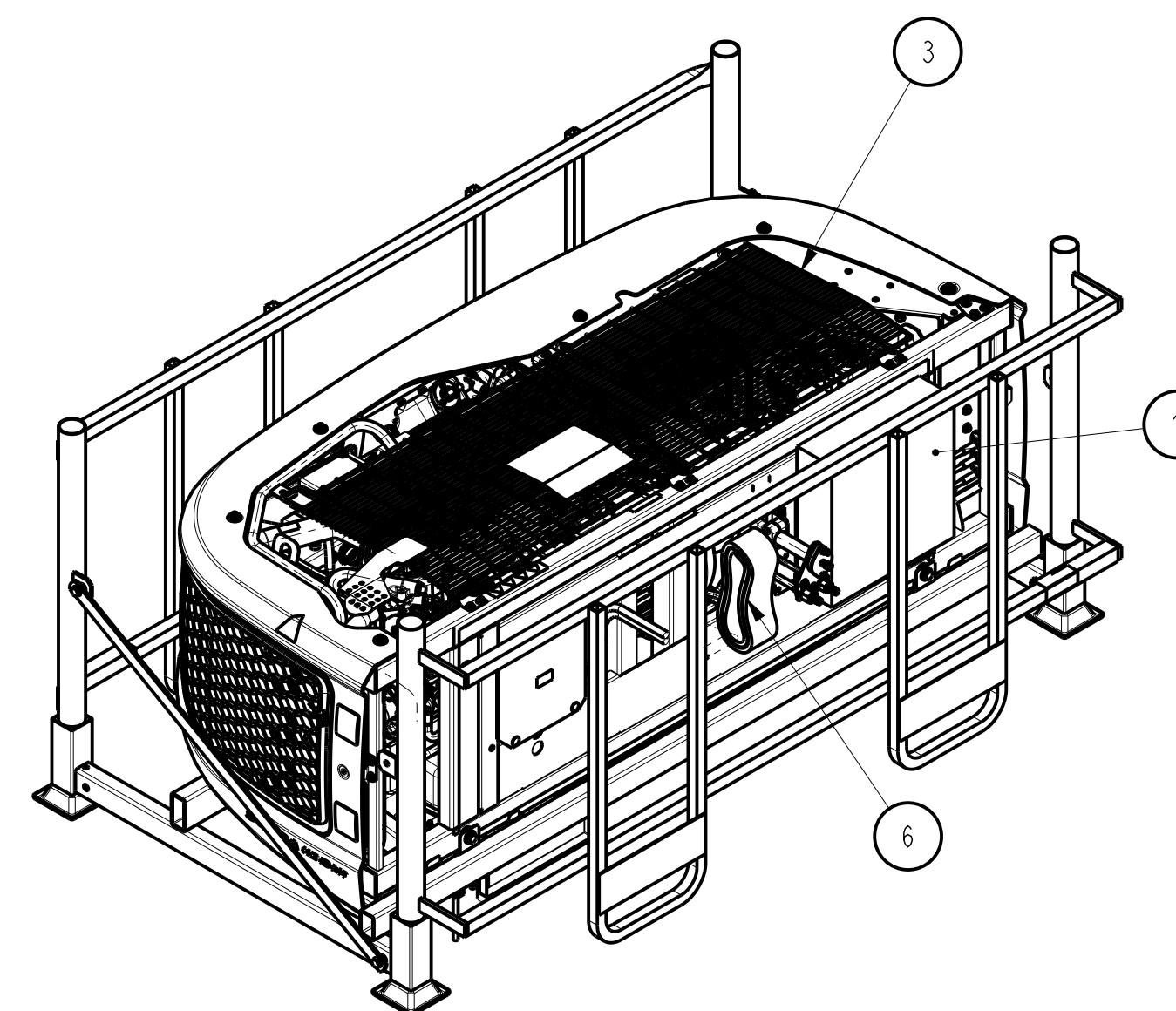
SINGLE TEMP



KITS DESCRIPTION

SET DOC:	
1	-EXHAUST PIPE -FUEL LINE RED AND BLACK -FUEL AND BRACKET PUMP -GENERAL INSTALLATION KIT
2	STAND BY PLUG
3	TOP AND BOTTOM PANNEL
4	CAB COMMAND
5	CERTIFATION DOCUMENTATION
6	GASKET (MULTI TEMP)

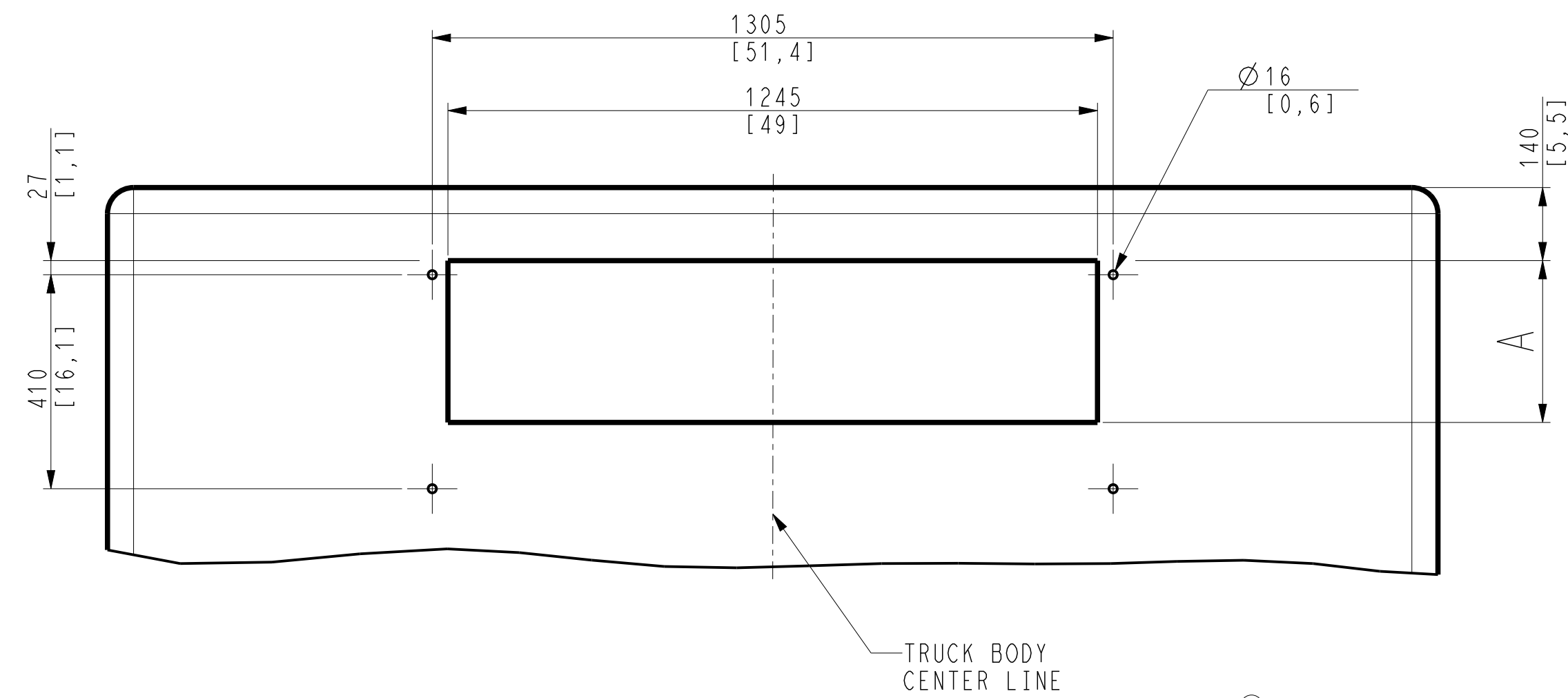
(K) MULTI TEMP



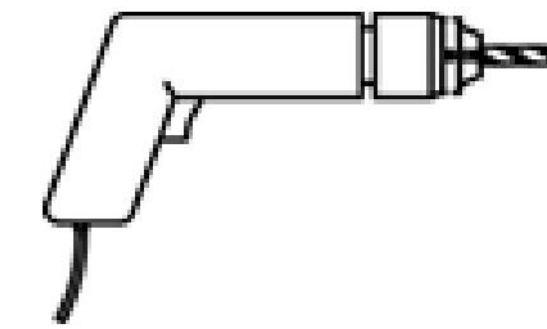
3

3.1) BODY PREPARATION

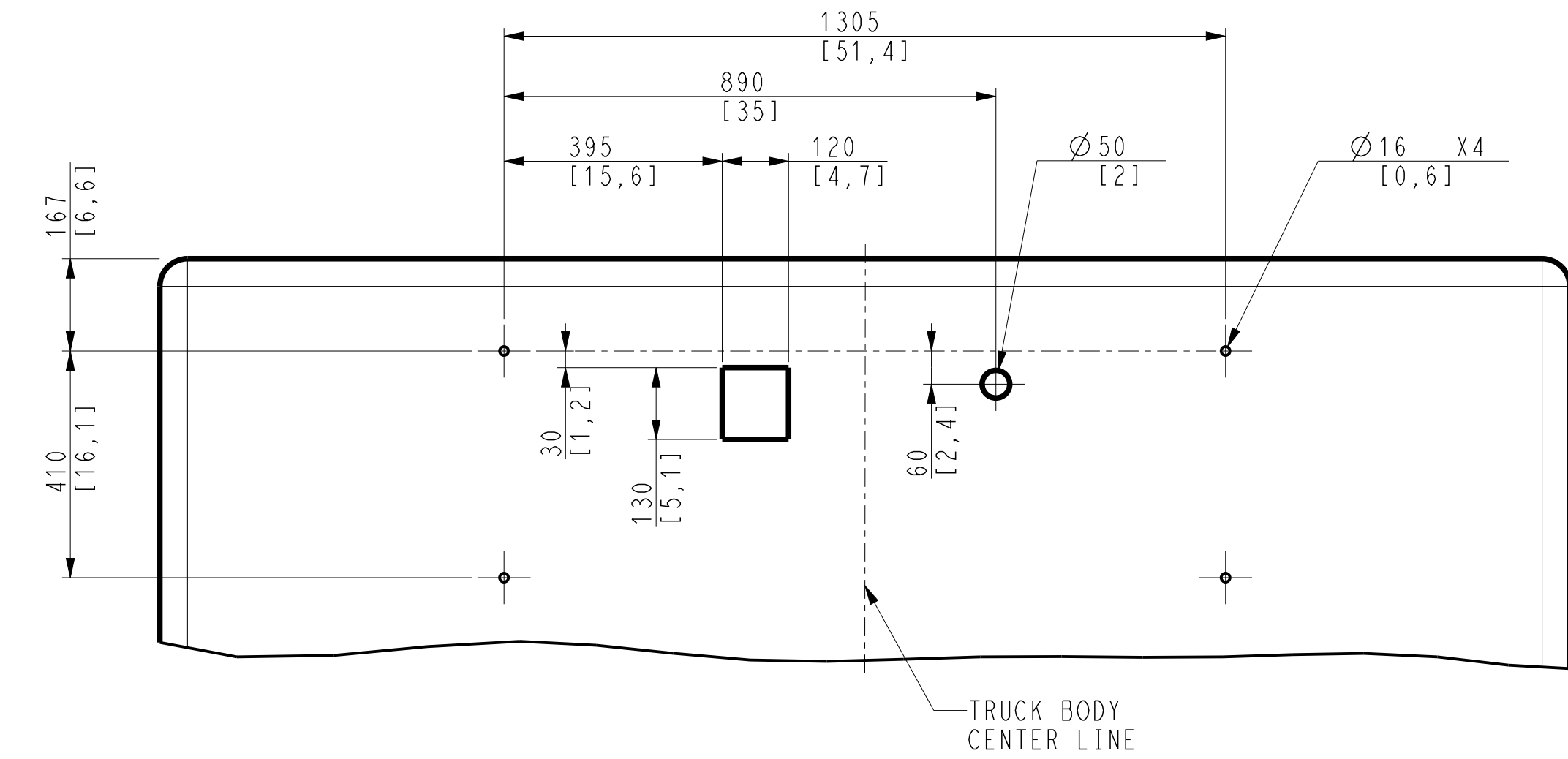
SINGLE TEMP UNIT



MODEL	DIM "A"
SUPRA S6/S7/S8/S9 SUPRA HE 6/8/9	310 [12,2]
SUPRA S10 SUPRA HE 11/13	350 [13,8]

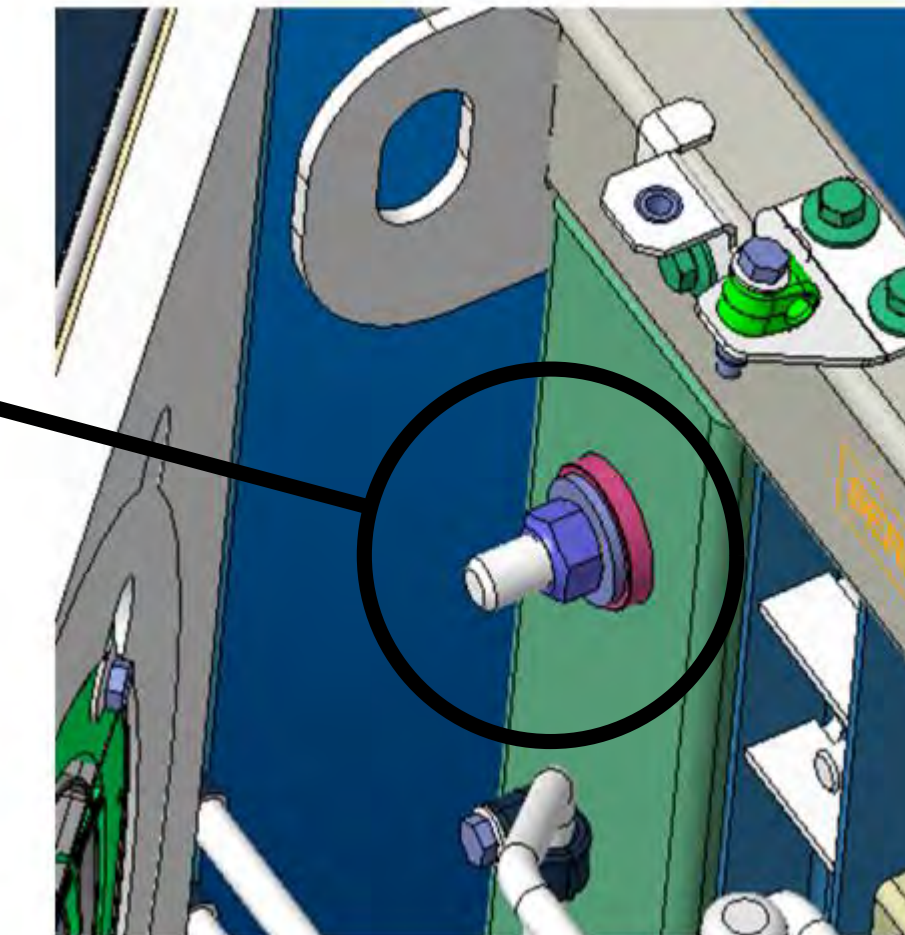
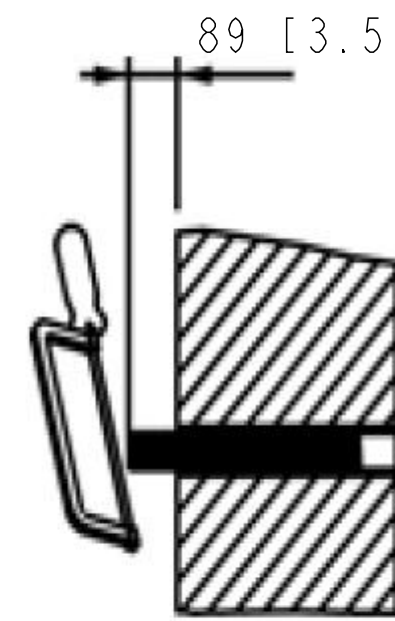
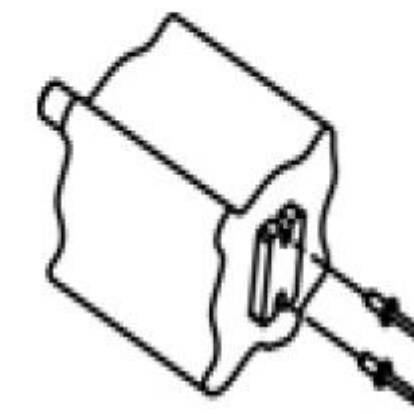
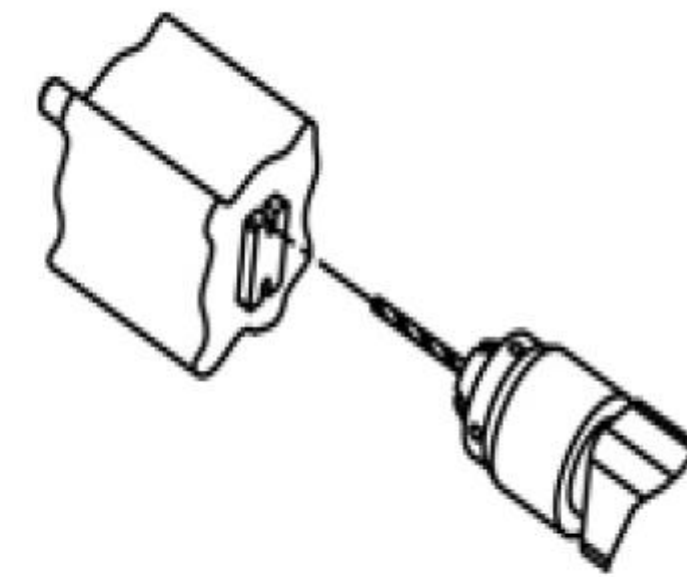
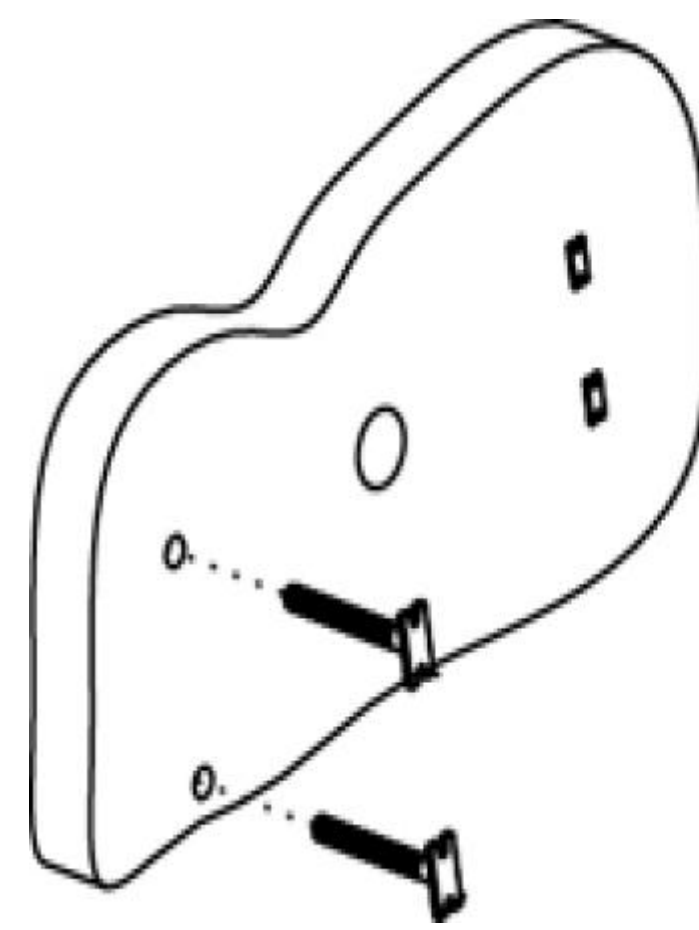


K MULTI TEMP UNIT

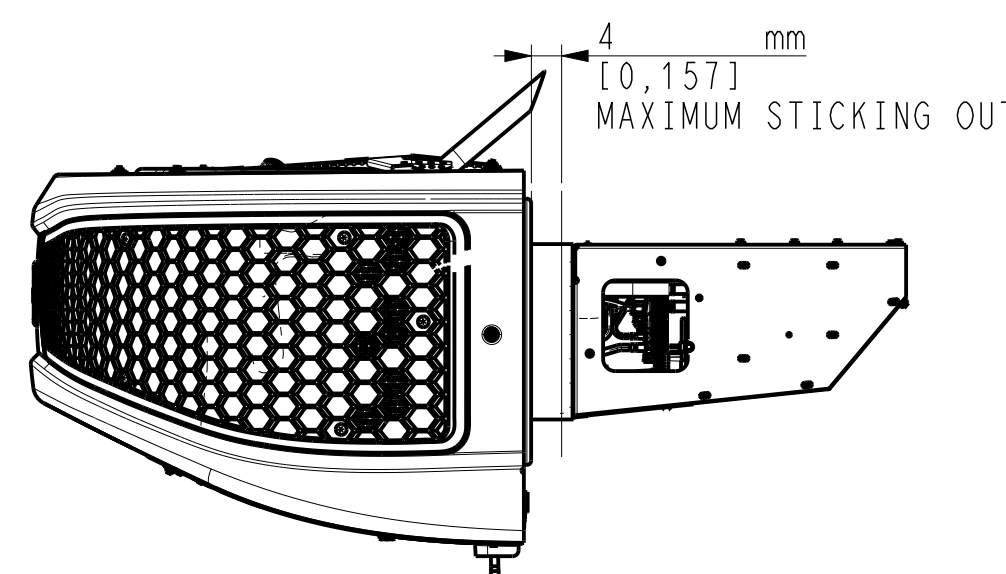


WORKING FROM OF THE INSIDE OF THE TRUCK BODY ,APPLY SEALANT AROUND EACH MOUNTING HOLE.INSTALL THE 4 TEE BOLTS.
USING SELF TAPPING SCREWS TO SECURE THE T BOLTS,MAKE SURE ALL OF THE ITEMS DESCRIBE ABAOVE ARE SECURED TO THE
INTERNAL STRUCTURAL MEMBERS OF THE BODY.

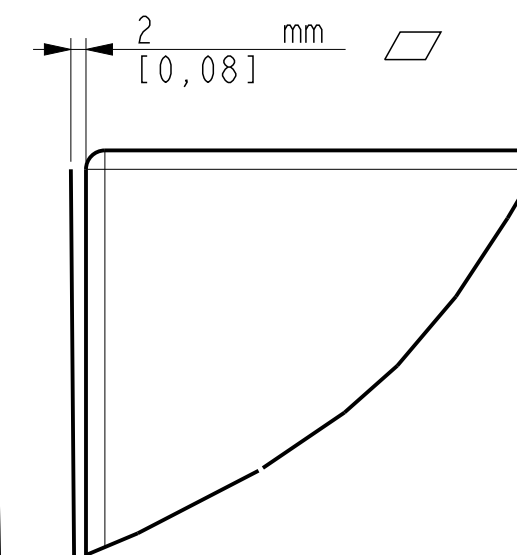
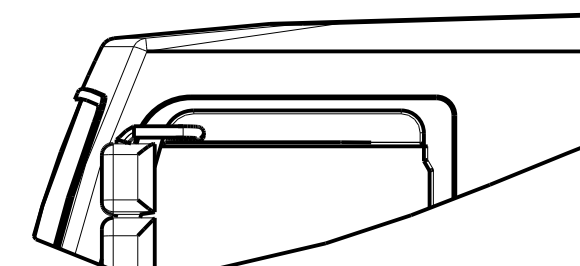
WORKING FROM THE OUTSIDE OF THE TRUCK BODY:APPLY SEALANT AROUND EACH T BOLTS ;MAKE CERTAIN THE THREADS OF EACH
T BOLT REMAIN CLEAN AND FREE OF SEALANT FAILURE TO KEEP THREAD CLEAN IN ODER TO APPLY THE REQUIRE TORQUE VALUE



3.2) CONTROL BEFORE LIFTING:



UNIT SURFACE AND
BODY SURFACE MUST
BE PLANE AND PARALLEL
MAXIMUM DISTANCE 2mm



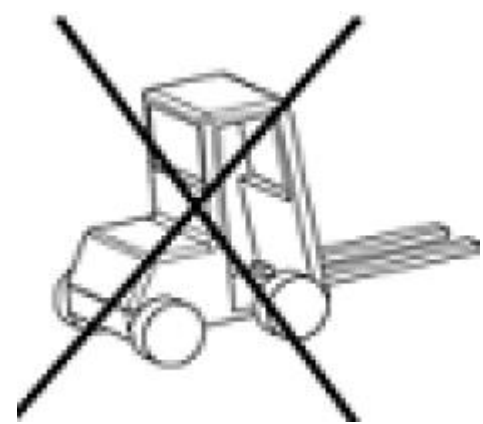
4

TO LIFT THE UNIT



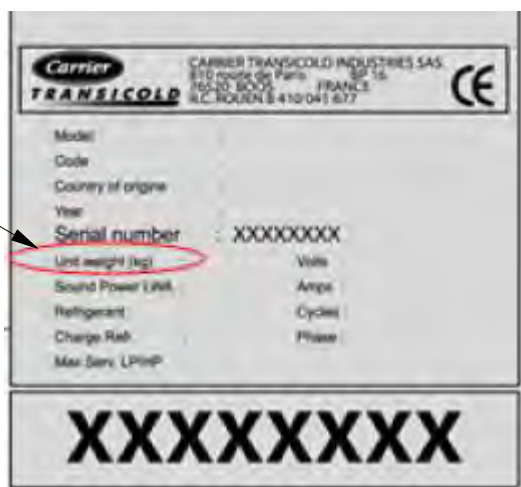
BEFORE LIFTING THE UNIT:

- VERIFY THE WEIGHT UNIT (SEE THE SERIAL PLATE FIX TO THE FRAME)
- KEEP ALL MOUNTING SCREWS(BOTTOM REAR; BOTTOM FRONT) OF LATERAL FRAMES
- REMOVE SKINS



SINGLE TEMP

WEIGHT UNIT



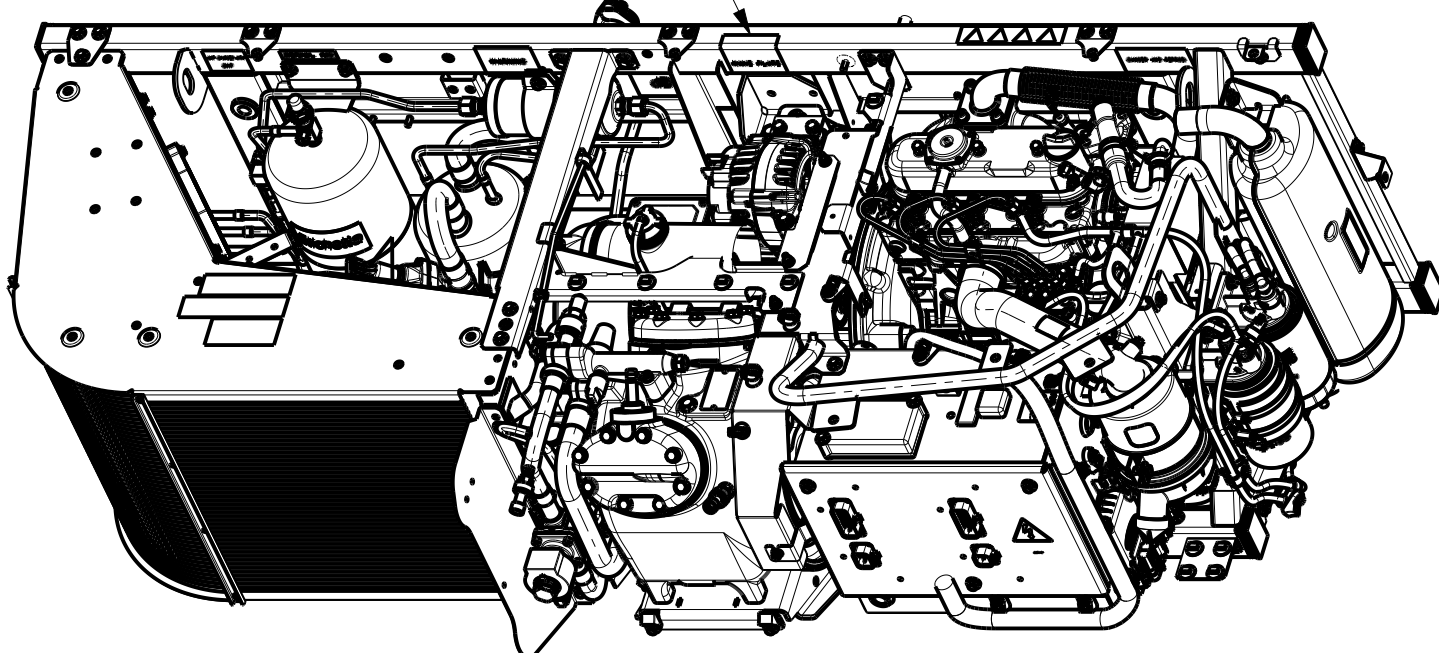
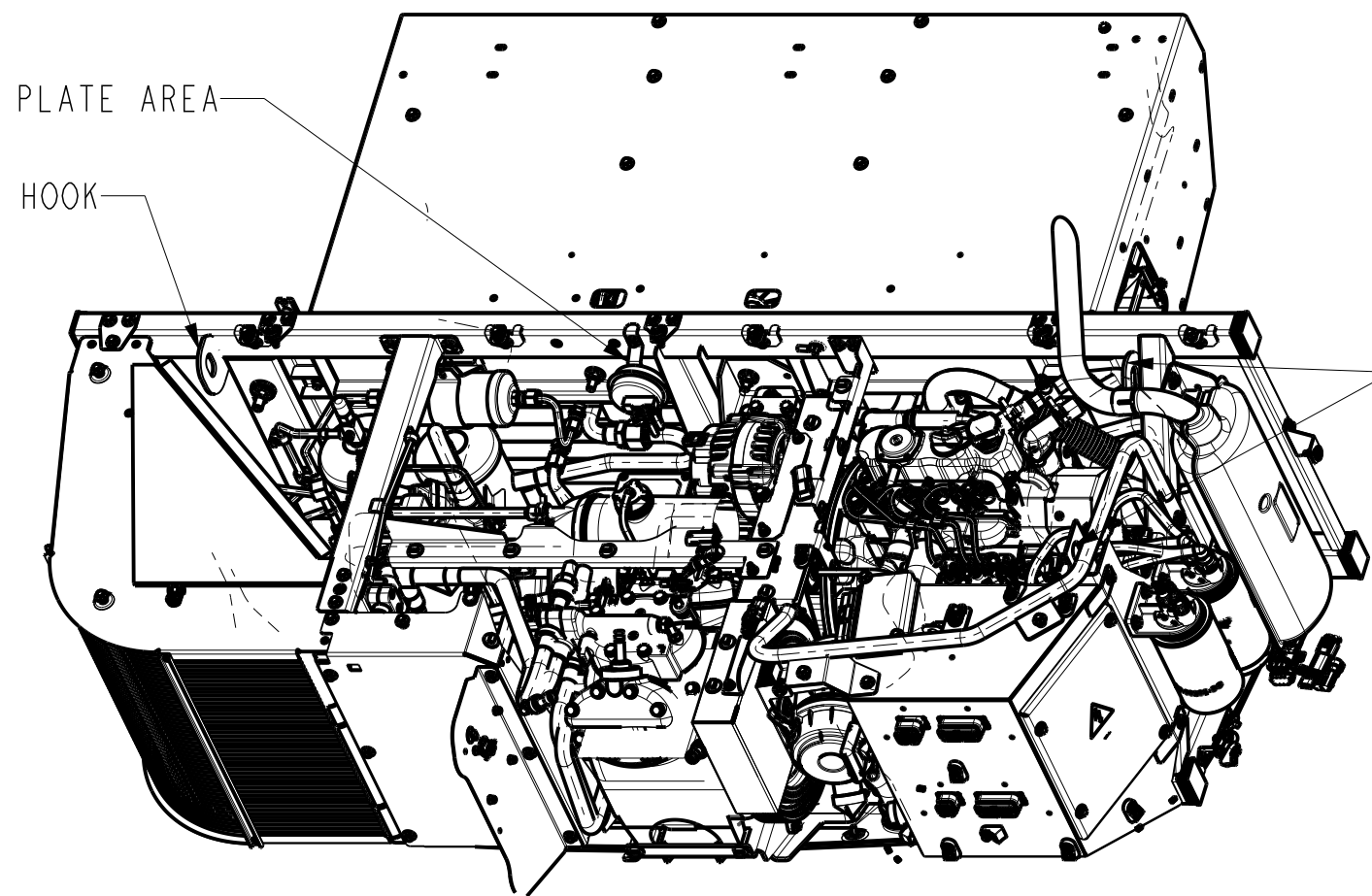
NAME PLATE AREA

LIFTING HOOK

LIFTING HOOK

(K) MULTI TEMP

NAME PLATE AREA



COTE POUR LEVAGE GROUPE
[DIMS TO SET THE LIFTING TOOL]

GRAVITY CENTER

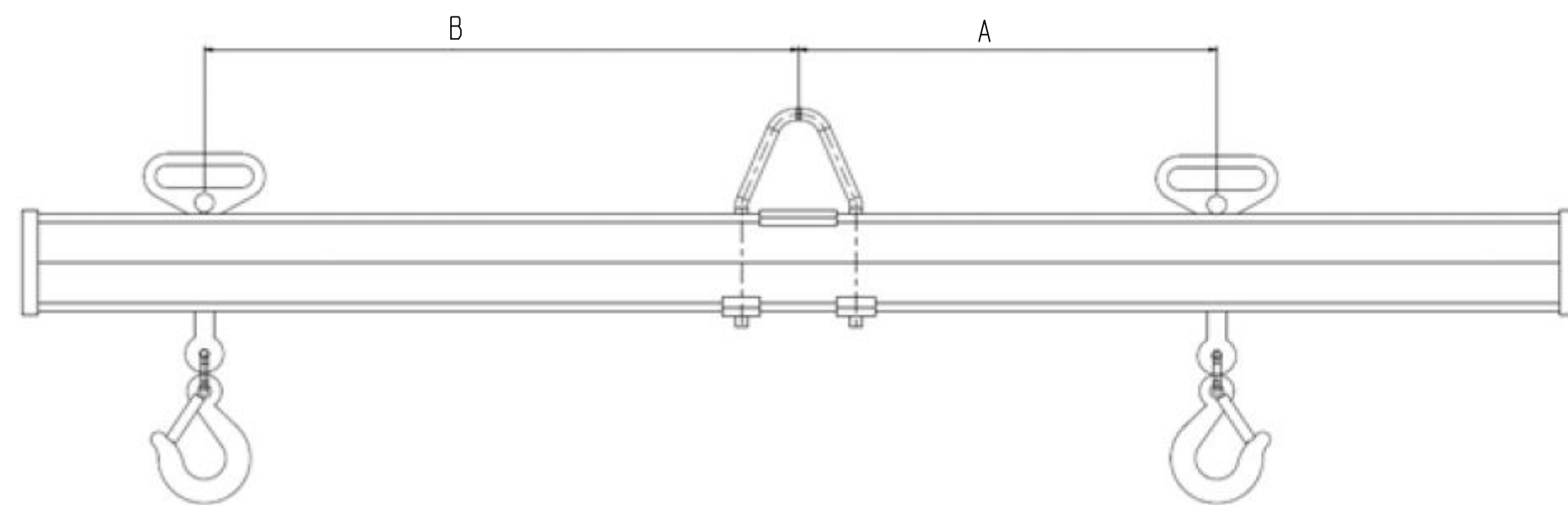
WEIGHT
($\pm 2\text{Kg}$ [$\pm 4\text{lb}$])

(P)

EVAPORATEUR	A MOTOR SIDE	B CONDENSER SIDE	C	D	WEIGHT ($\pm 2\text{Kg}$ [$\pm 4\text{lb}$])
SUPRA S6 / SUPRA 6 / OASIS 6 (R/S) SUPRA S6 / SUPRA 6 / OASIS 6 (RO)	545 [21.4]	775 [30.5]	225 [8.86]	815 [32]	431 kg [943 lb] 383 kg [846 lb]
SUPRA S7 / SUPRA S8/ SUPRA 8 / OASIS 8 (R/S) SUPRA S7 / SUPRA S8/ SUPRA 8 / OASIS 8 (RO)					440 kg [954 lb] 390 kg [860 lb]
SUPRA HE 8 MT	TBD	TBD	TBD	TBD	TBD
SUPRA 9 CHINA (R/S) SUPRA 9 CHINA (RO)	TBD	TBD	TBD	TBD	453 kg [999 lb] 409 kg [901 lb]
SUPRA S9 /SUPRA 9 ETT (R/S) / OASIS 9 (R/S) SUPRA S9 / SUPRA 9 ETT (RO) / OASIS 9 (RO)	575 [22.64]	790 [31.10]	225 [8.86]	815 [32]	460 kg [1014 lb] 412 kg [908 lb]
SUPRA HE 9 MT	TBD	TBD	TBD	TBD	TBD
SUPRA S10 / 11 / 13 (R/S) SUPRA S10 / 11 / 13 (RO)	465 [18.30]	775 [30.5]	225 [8.86]	780 [30.70]	500 kg [1102 lb] 465 kg [1025 lb]
SUPRA HE 11 MT / 13 MT SUPRA S10 MT	588 [23.15]	884 [34.80]	280 [11.02]	780 [30.70]	437 kg [963 lb]
ADD 12Kg [26.5 lb] FOR SILENT / STEALTH VERSION - *R/S: ROAD STANDBY - RO: ROAD ONLY					

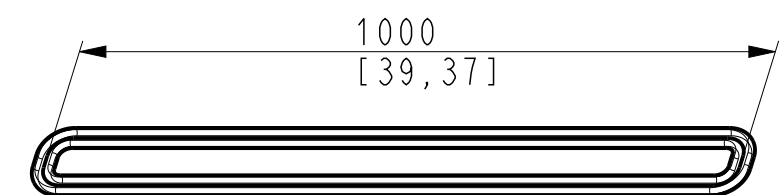
TO LIFT THE UNIT USE:

A LIFTING TOOL SET EACH HOOK FOLLWING DIMS A AND B INDICATED (SEE CHART)

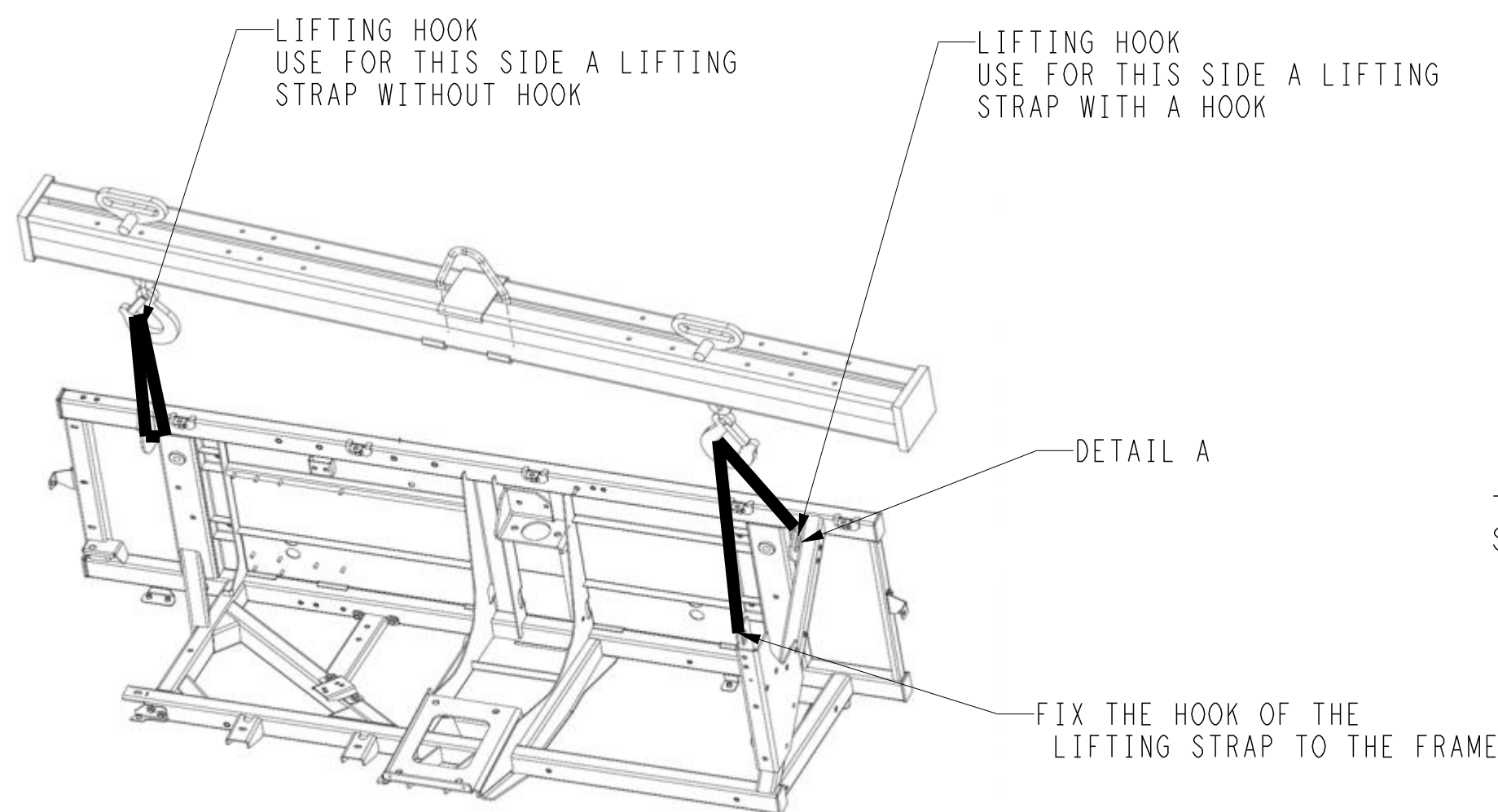


AND: USE 2 LIFTING STRAPS: -1 WITH A HOOK
-1 WITHOUT HOOK

RESPECTING WEIGHT INDICATED IN CHART

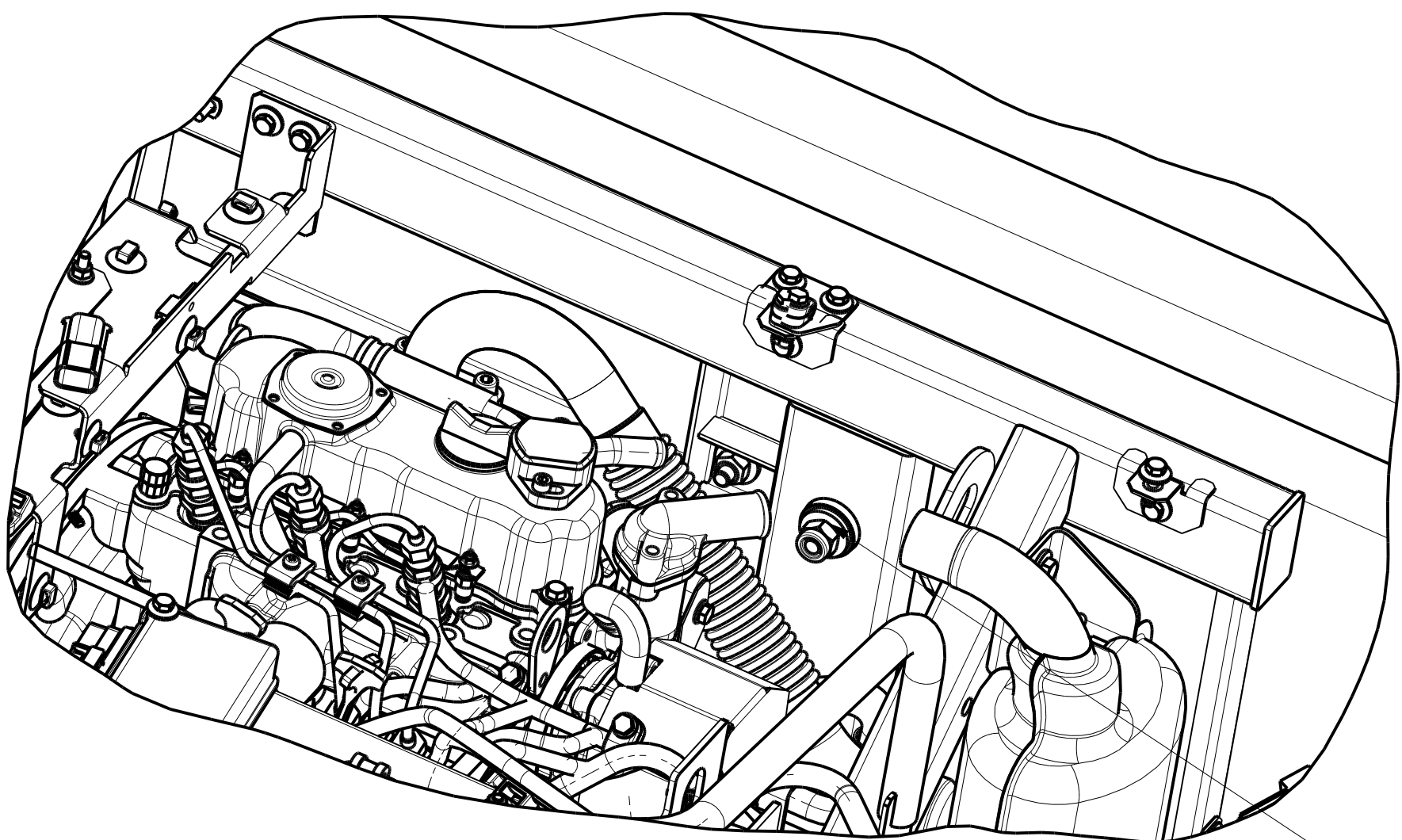


THEN ATTACHED LIFTING STRAPS:



5

TO FIX THE UNIT

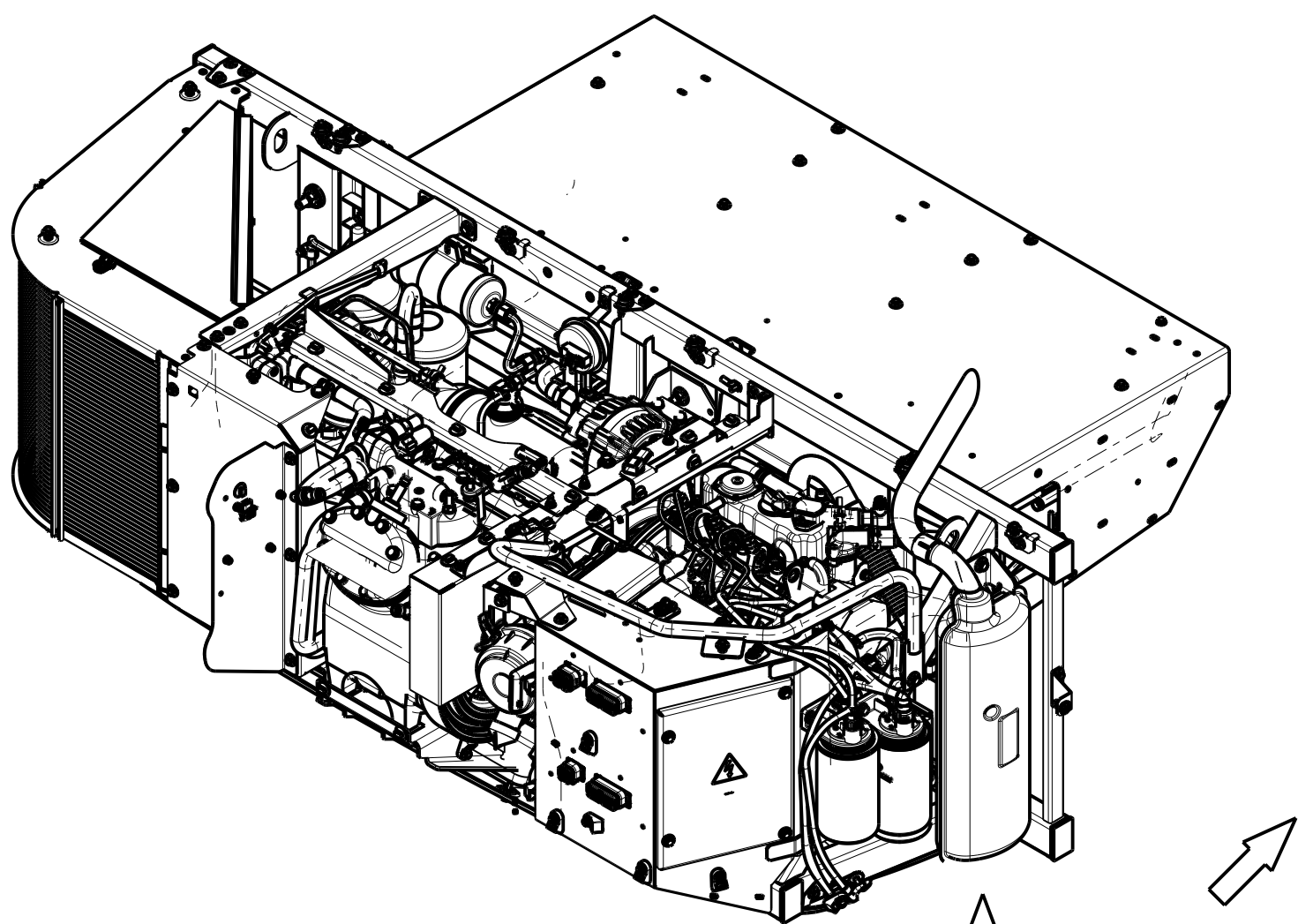


COUPLE DE SERRAGE
80 Nm \pm 5Nm
TIGHTENING TORQUE
59 lb \pm -ft \pm 3.7 lb \pm -ft
(4 PLACES)

6

TO FIX THE PLATE FOR HARNESS AND HOSES

6.1) FIXING BRACKET HOSES AND HARNESS.



A

PLATE LOCATION:
BOTTOM REAR OF THE UNIT

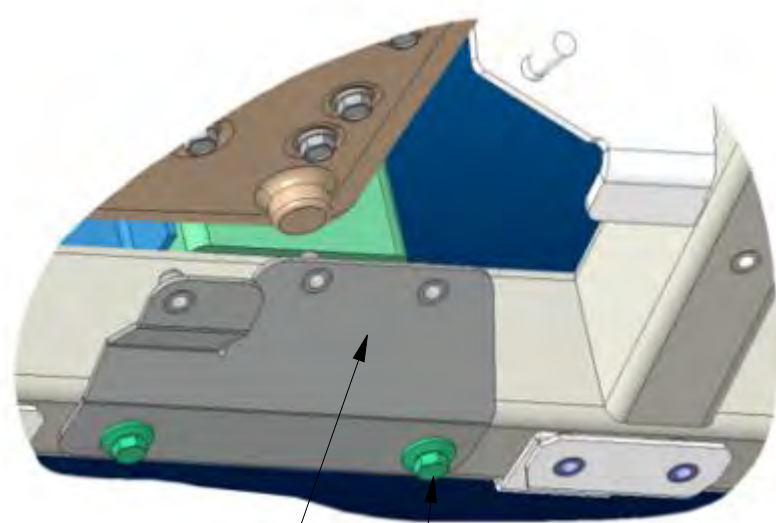
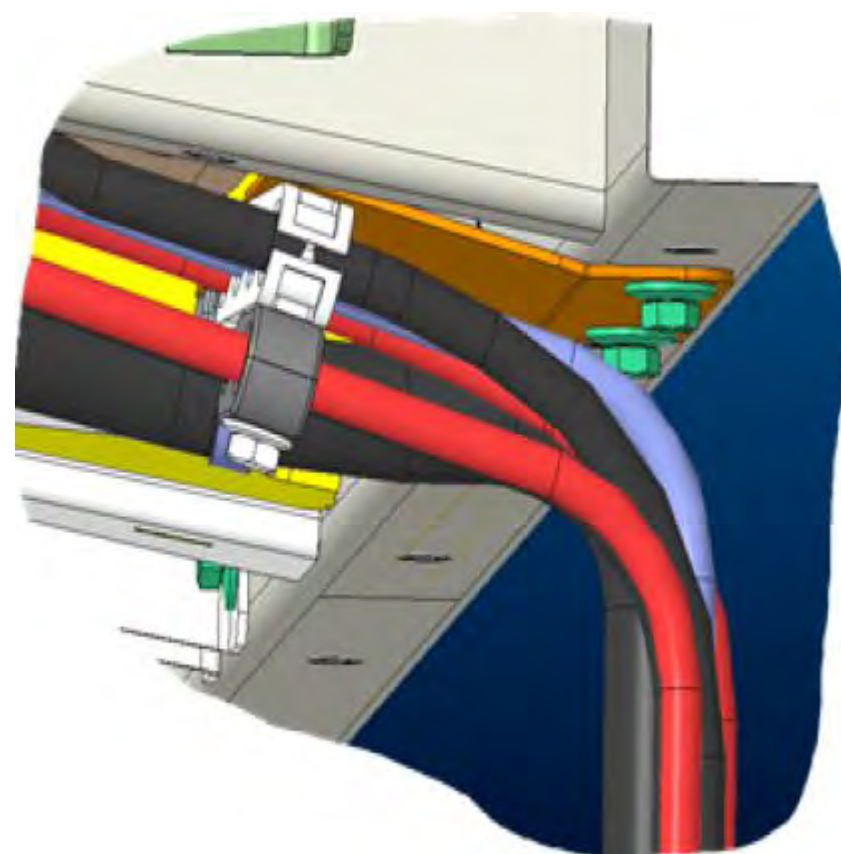
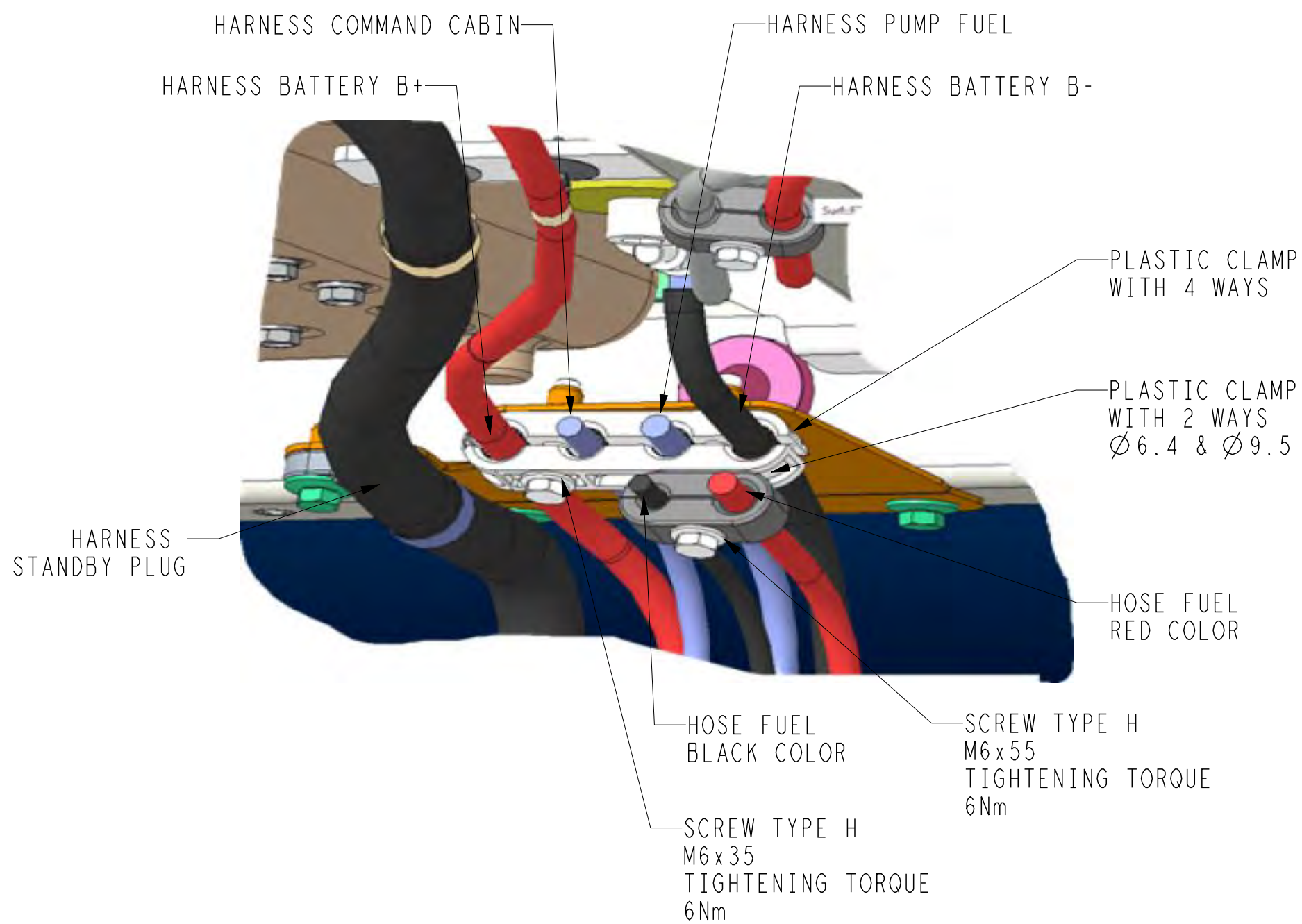


PLATE
SCREW TYPE HM6x20
QTY 2
TIGHTENING TORQUE
5.4 TO 6.7 lb \pm -ft



VIEW FOLLOWING A



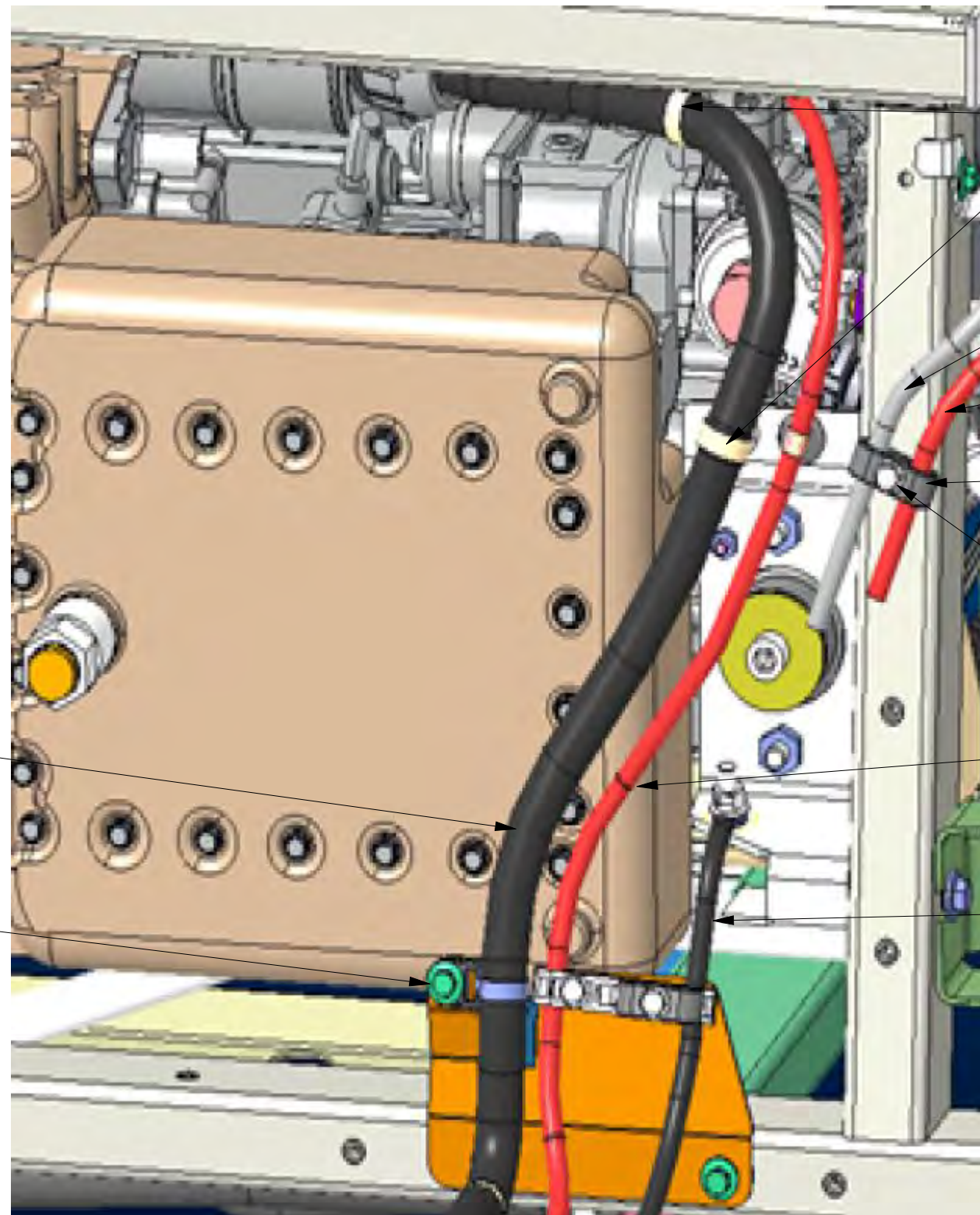
6.2) HARNESS STANDBY PLUG , BATTERY B+ / B- & HOSE FUEL ROUTING

THE TAPE MARKS ON THE STANDBY AND BATTERY CABLE ARE PROVIDED FOR GUIDANCE WHEN SECURING AND CLAMPING THE CABLES. IT IS CRITICAL TO USE THE YELLOW TAPE MARKS WHEN SECURING THE CABLES TO THE BRACKET, THE CLAMPS SHOULD BE PLACED OVER THE YELLOW TAPE MARKS. THE BLUE TAPE MARKS INDICATE THE PLACEMENT FOR THE FIRST SECURING POINT ON THE TRUCK BOX.



PLASTIC CLAMP
TY RAP
AND SCREW TYPE HM6x20
TIGHTENING TORQUE
6Nm

HARNESS
STANDBY PLUG

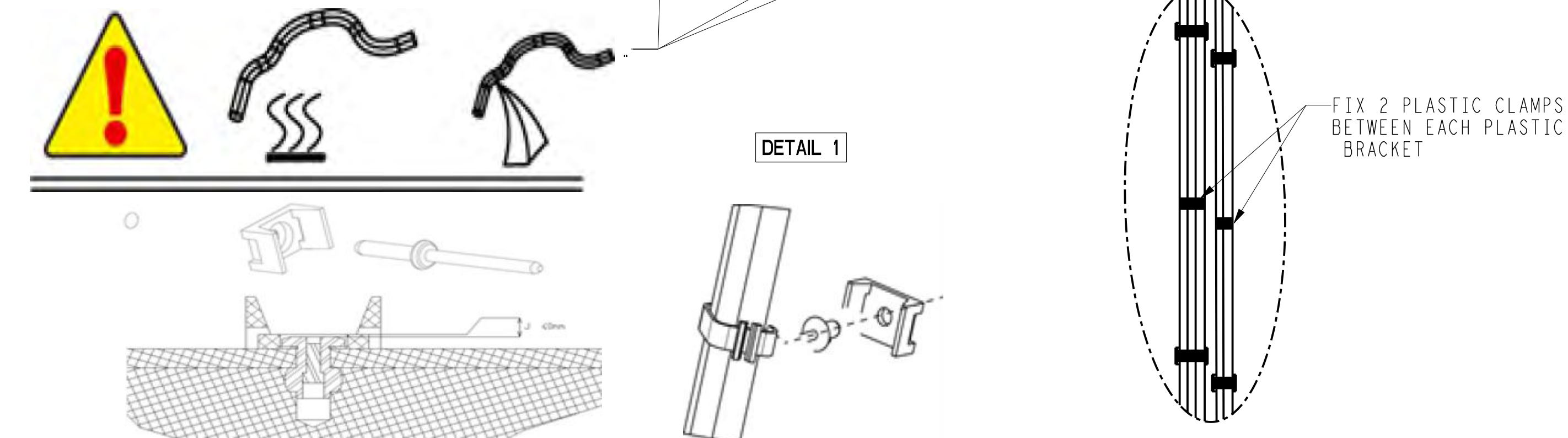
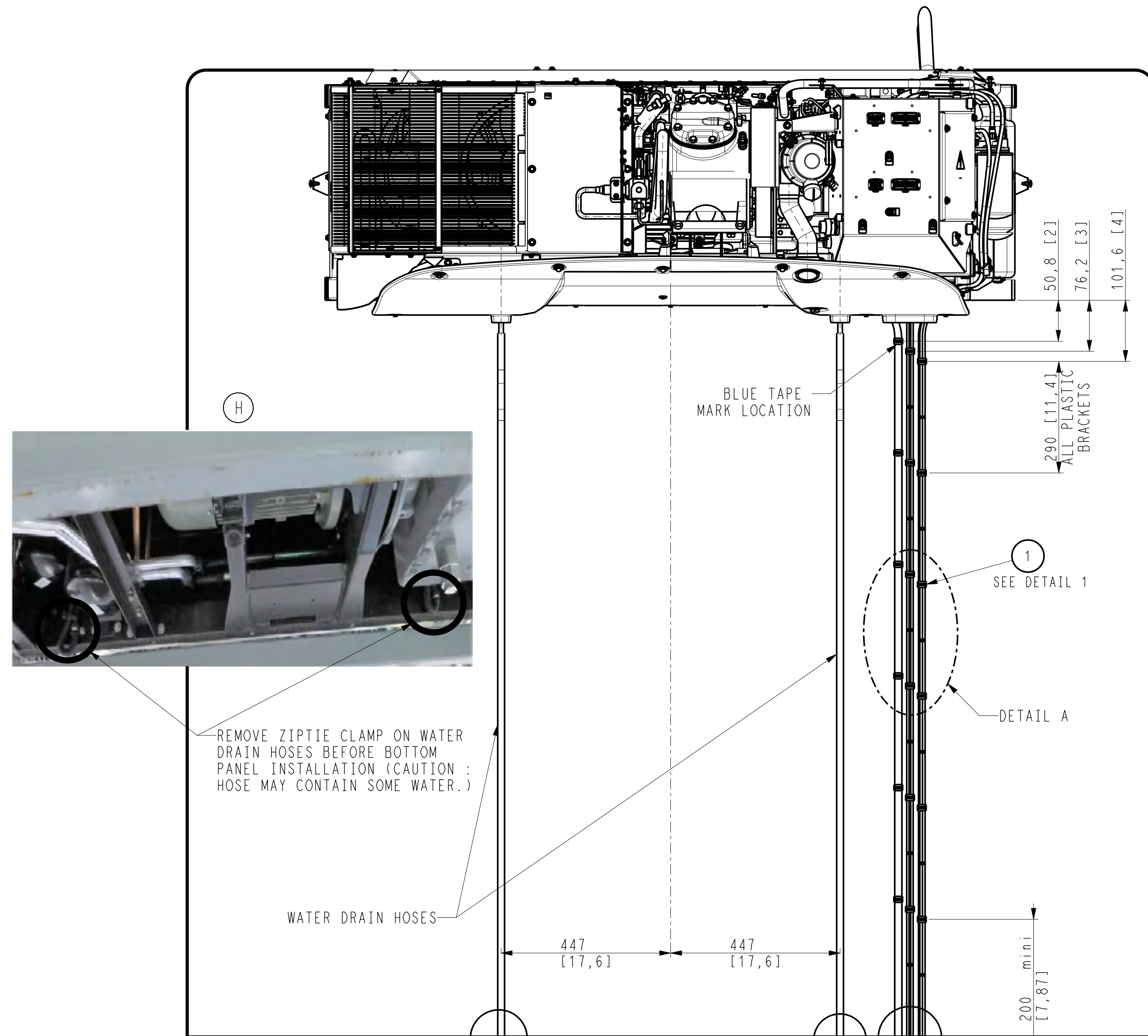


M	ADDED PLASTIC CLAMP & SCREW (VIEW 6.2)	20 JUL 23	B.BOMBARD	---	---	1170704	FIRST ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS SHOWN ARE IN MILLIMETERS, WITH IMPERIAL CONVERSIONS IN (INCHES)	TITLE	INSTRUCTION DE MONTAGE POUR SUPRA HE [MOUNTING INSTRUCTIONS FOR SUPRA HE]	DRAWING NO.	98-60724	REV	M
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.						SHEET 5 OF 10		

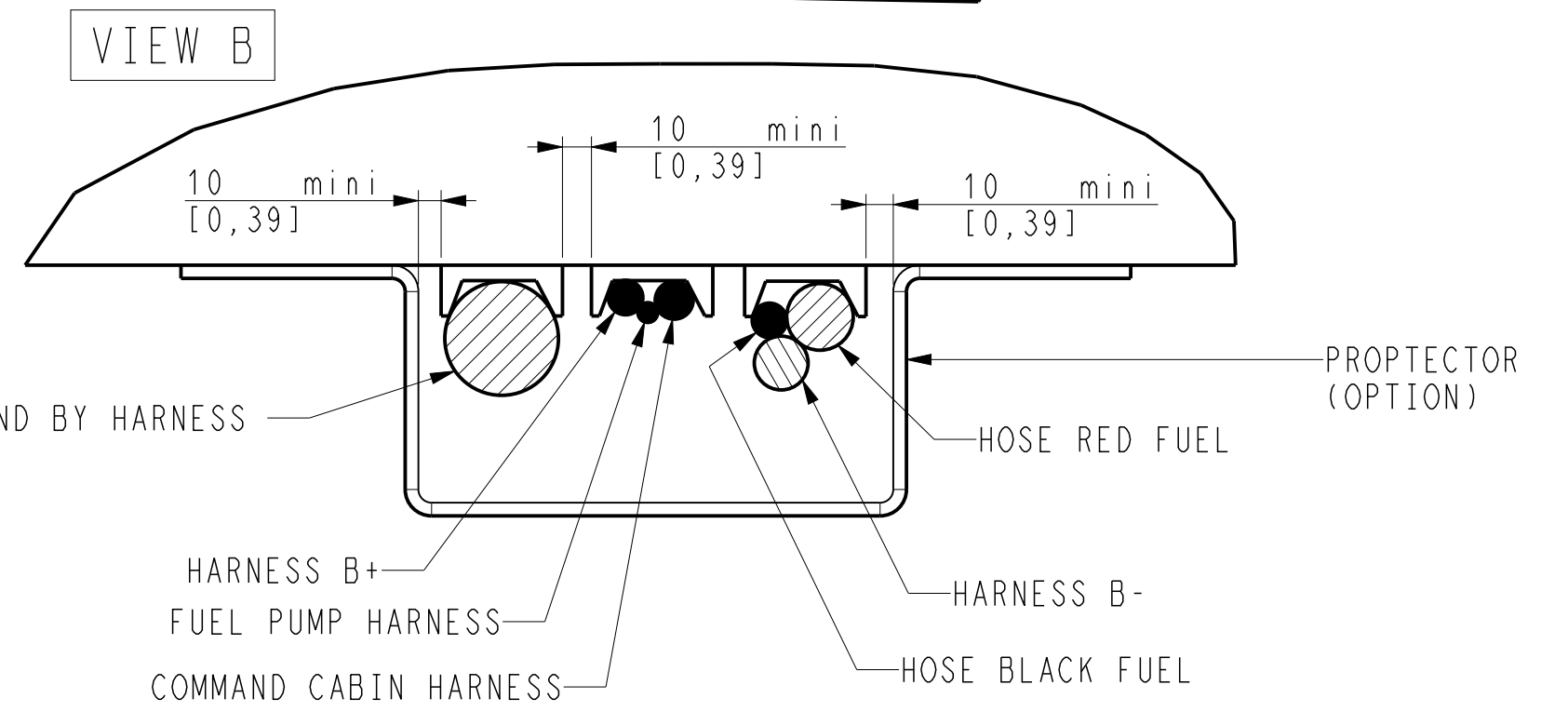
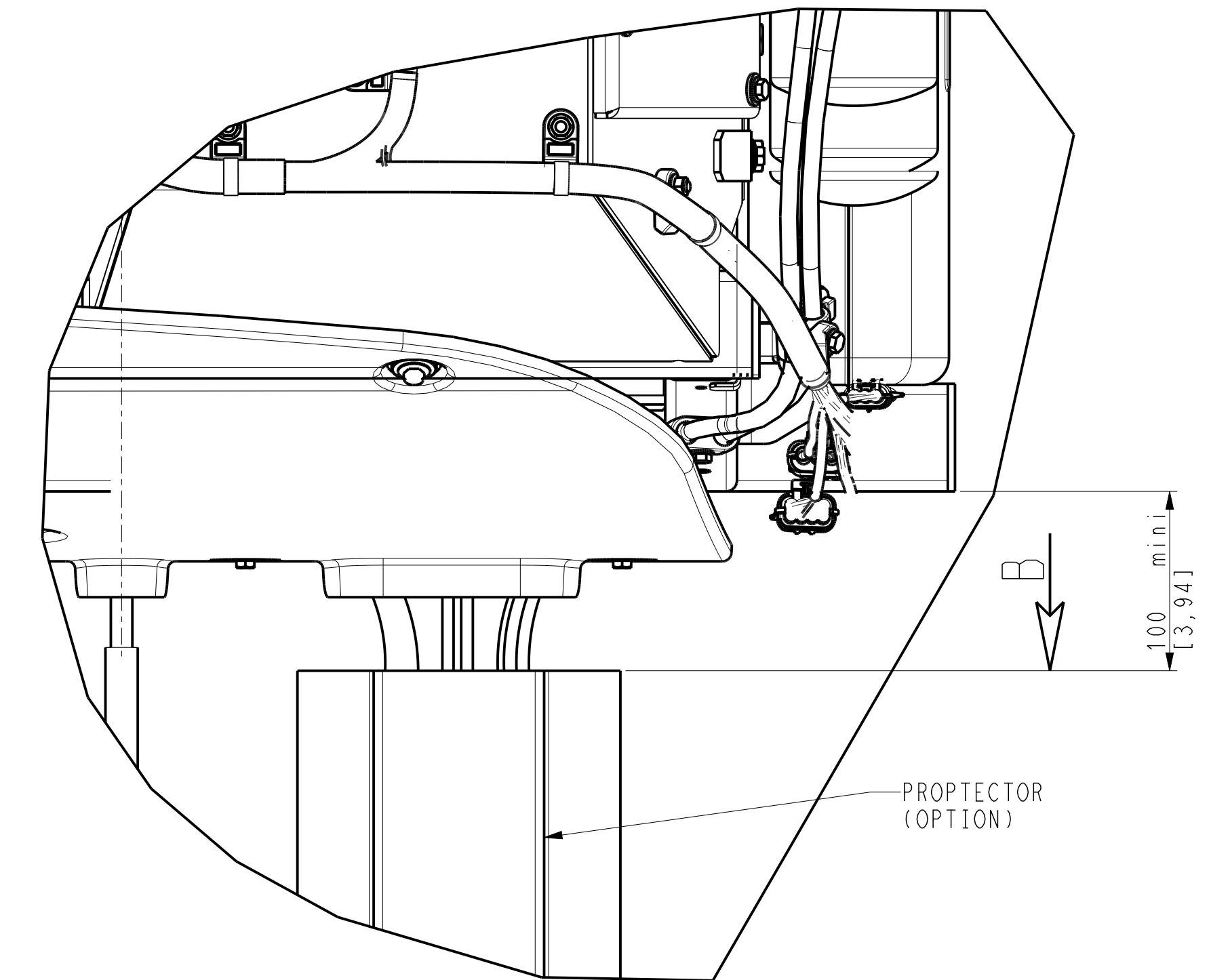
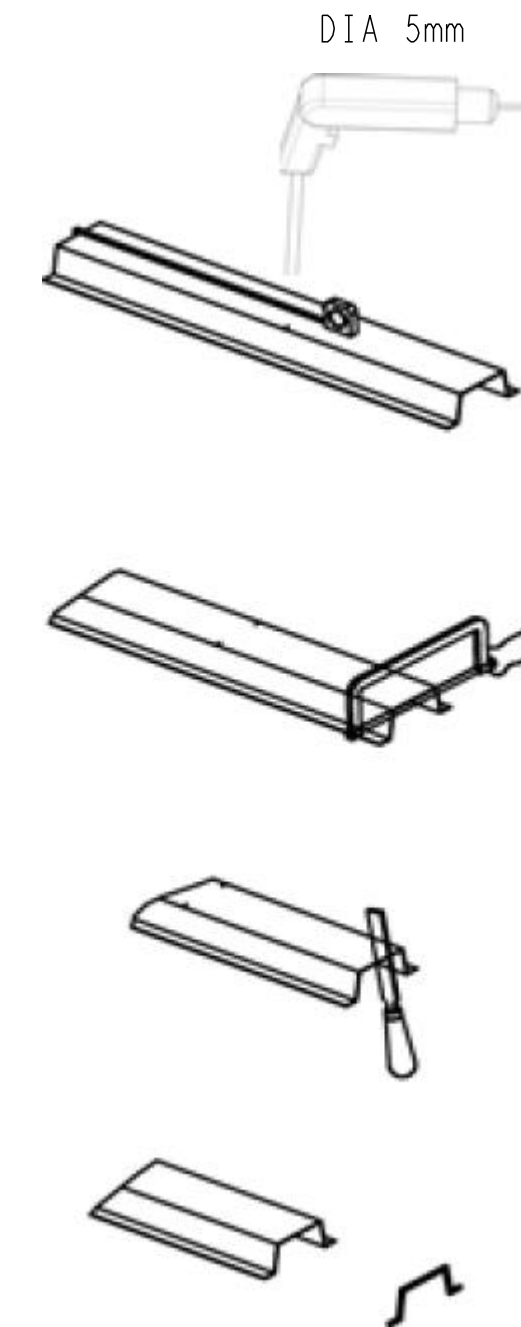
6.2) FIXING HOSES AND HARNESS TO THE BODY.



FIX ALL THE HARNESS WITH A PLASTIC CLAMP AND PLACE
IT IN ORDER TO AVOID CONTACT BETWEEN HARNESS, PARTS.
MAKE SURE THERE IS NO CONTACT WITH PARTS AND SHARP
EDGES



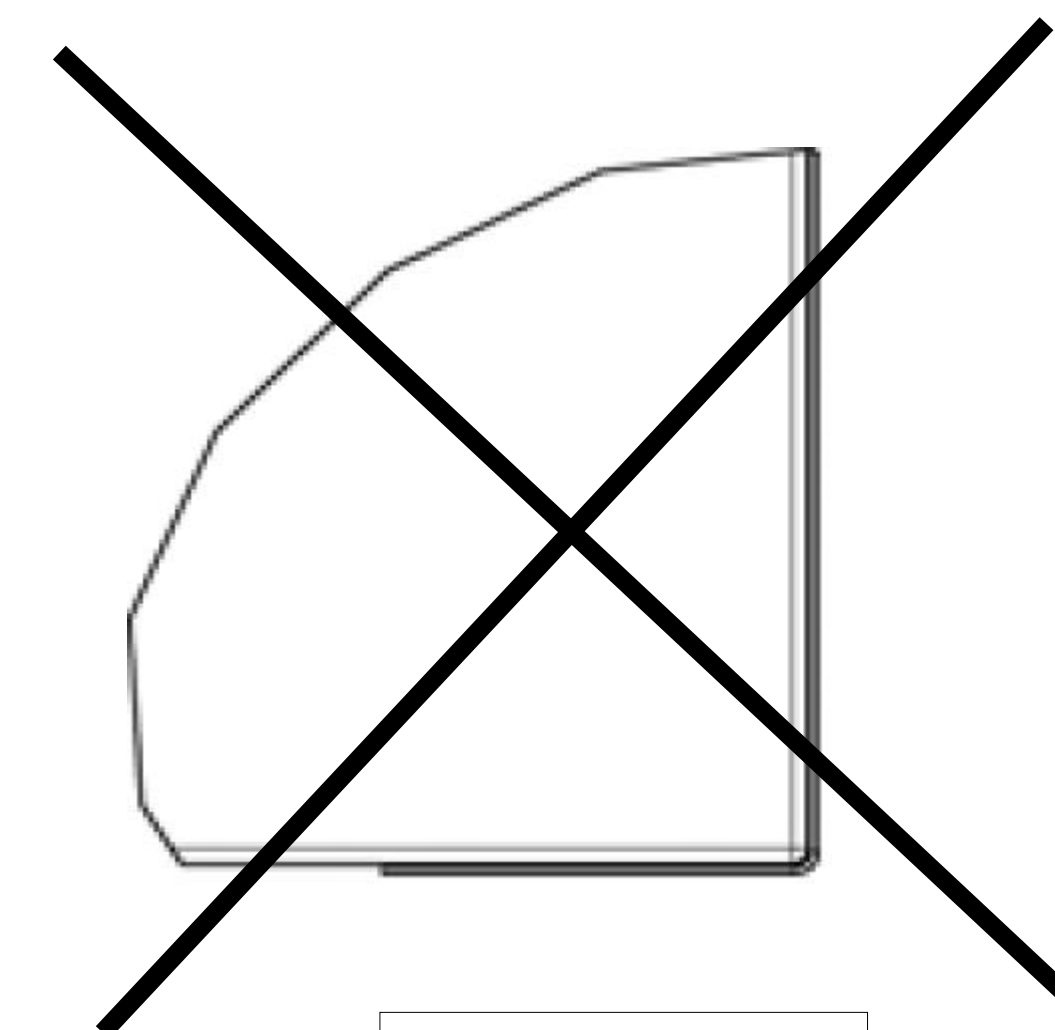
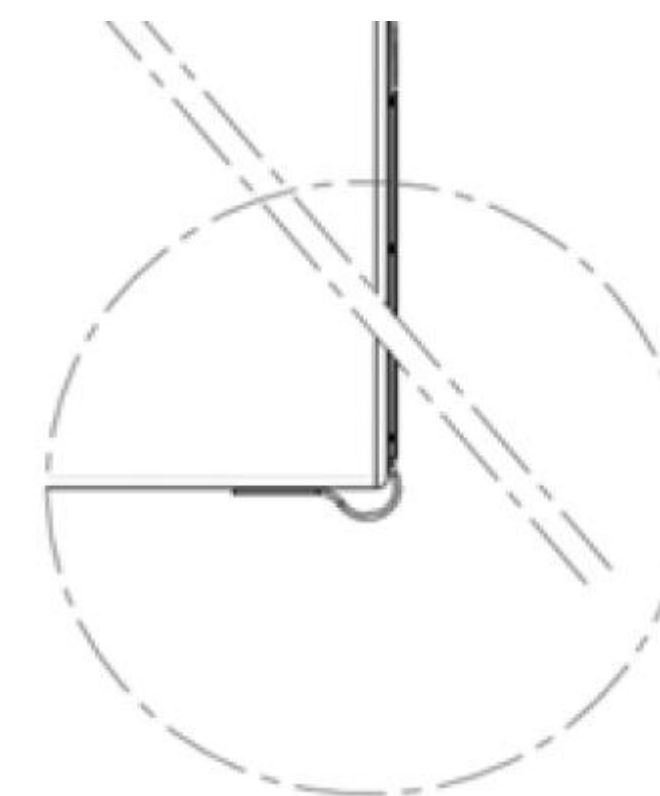
PROTECTOR FOR HOSES AND HARNESS (OPTION)



6.4) FIXING BRACKET HOSES AND HARNESS UNDER BODY.



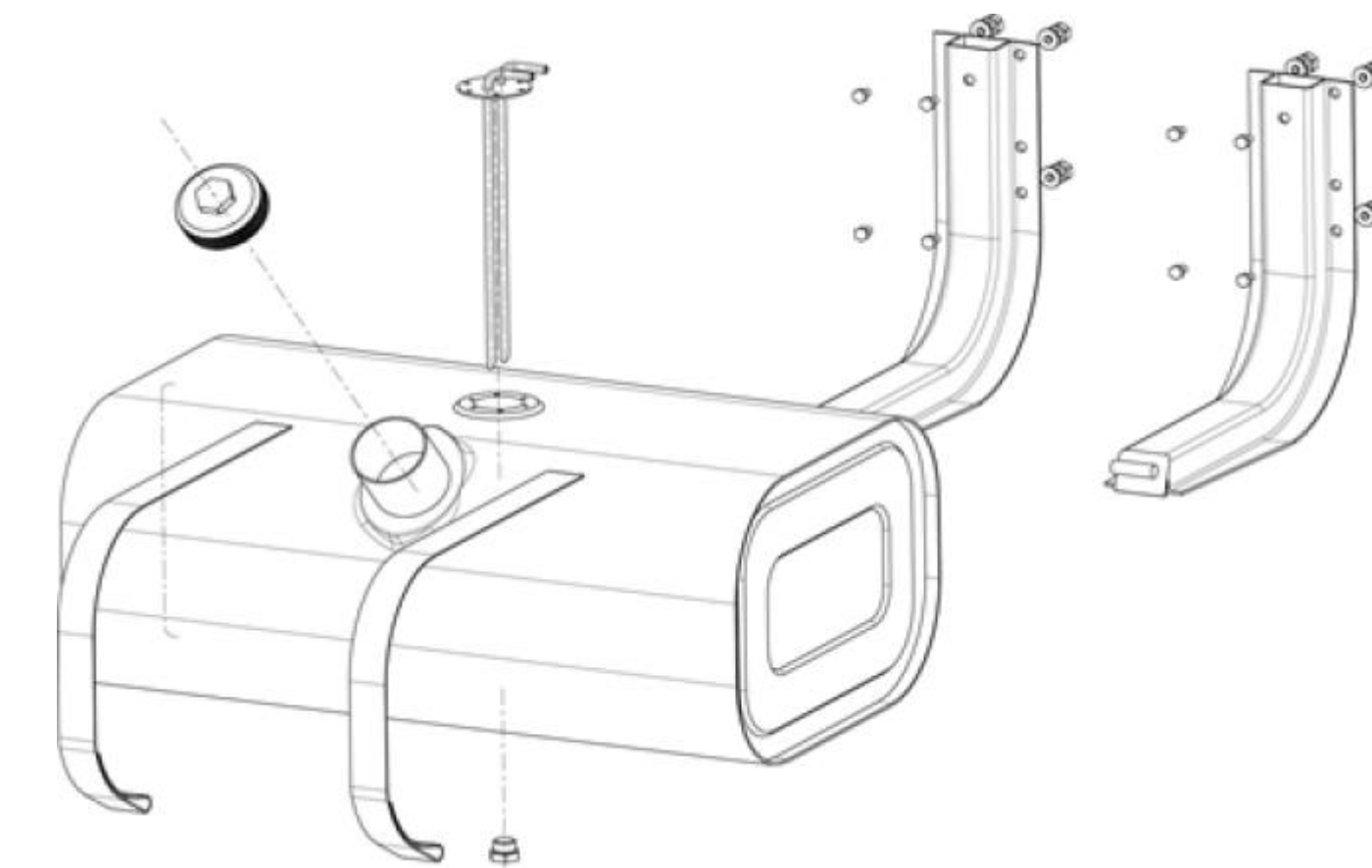
MAKE SURE THERE IS NO CONTACT
WITH METALLIC PARTS AND SHARP EDGES



8

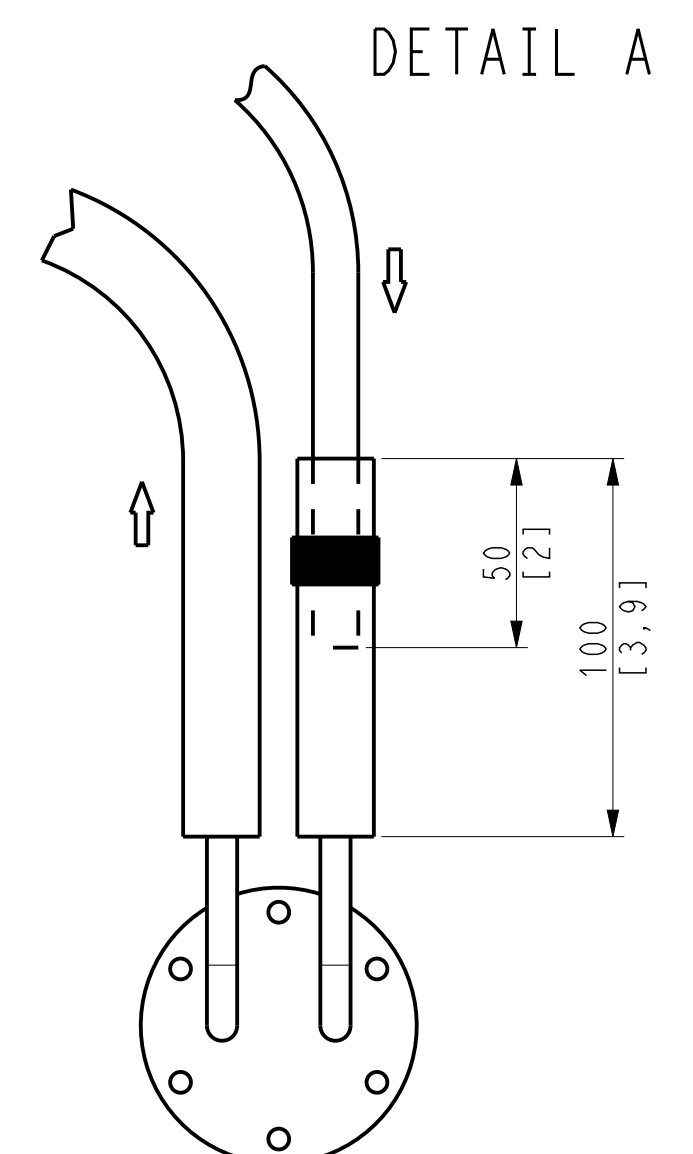
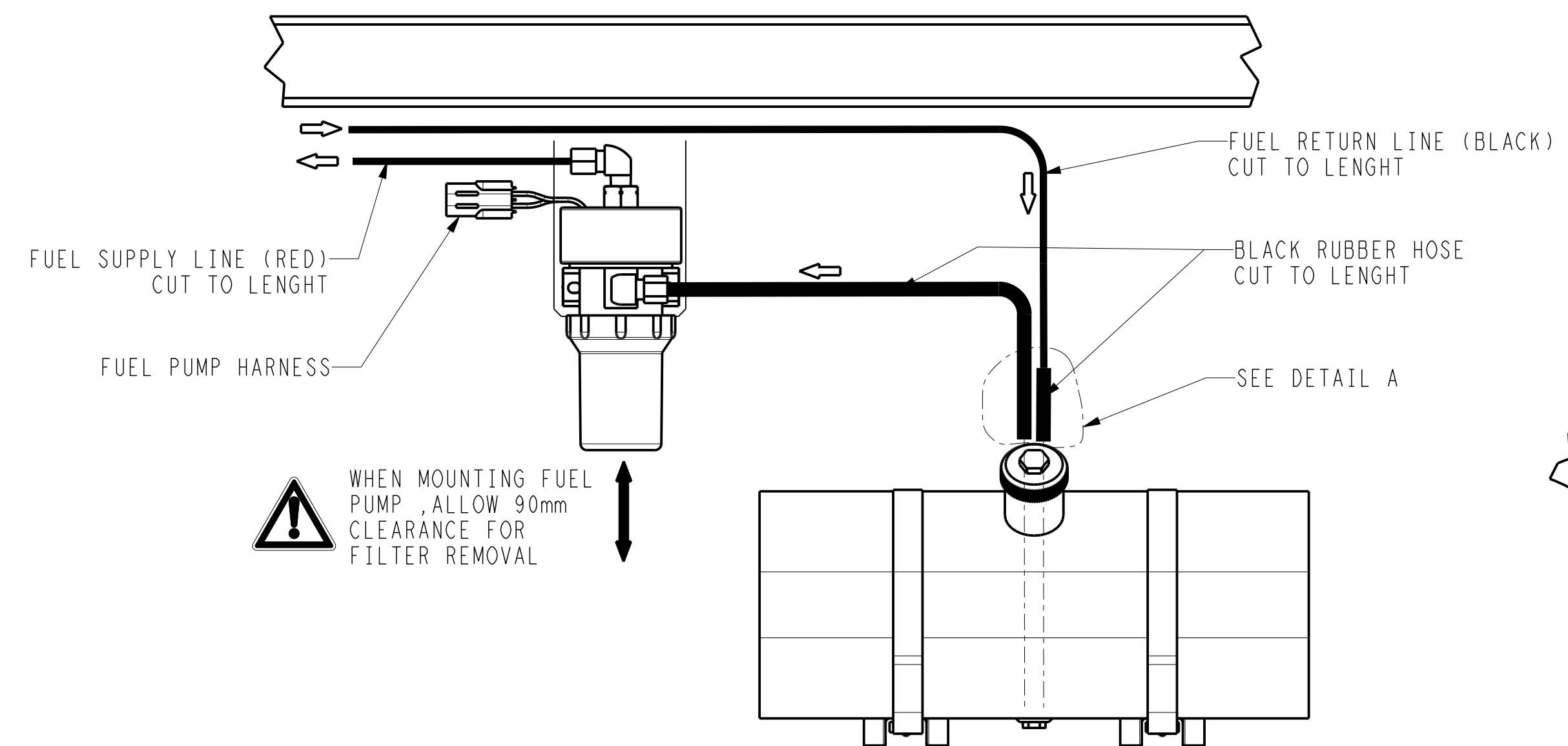
TANK PREPARATION

8.1) TANK ASSEMBLY:



COUPLE DE SERRAGE
34.83 A 58.05 Nm
TIGHTENING TORQUE
25.77 TO 43 lbf-ft

8.2) TANK CONNEXION:

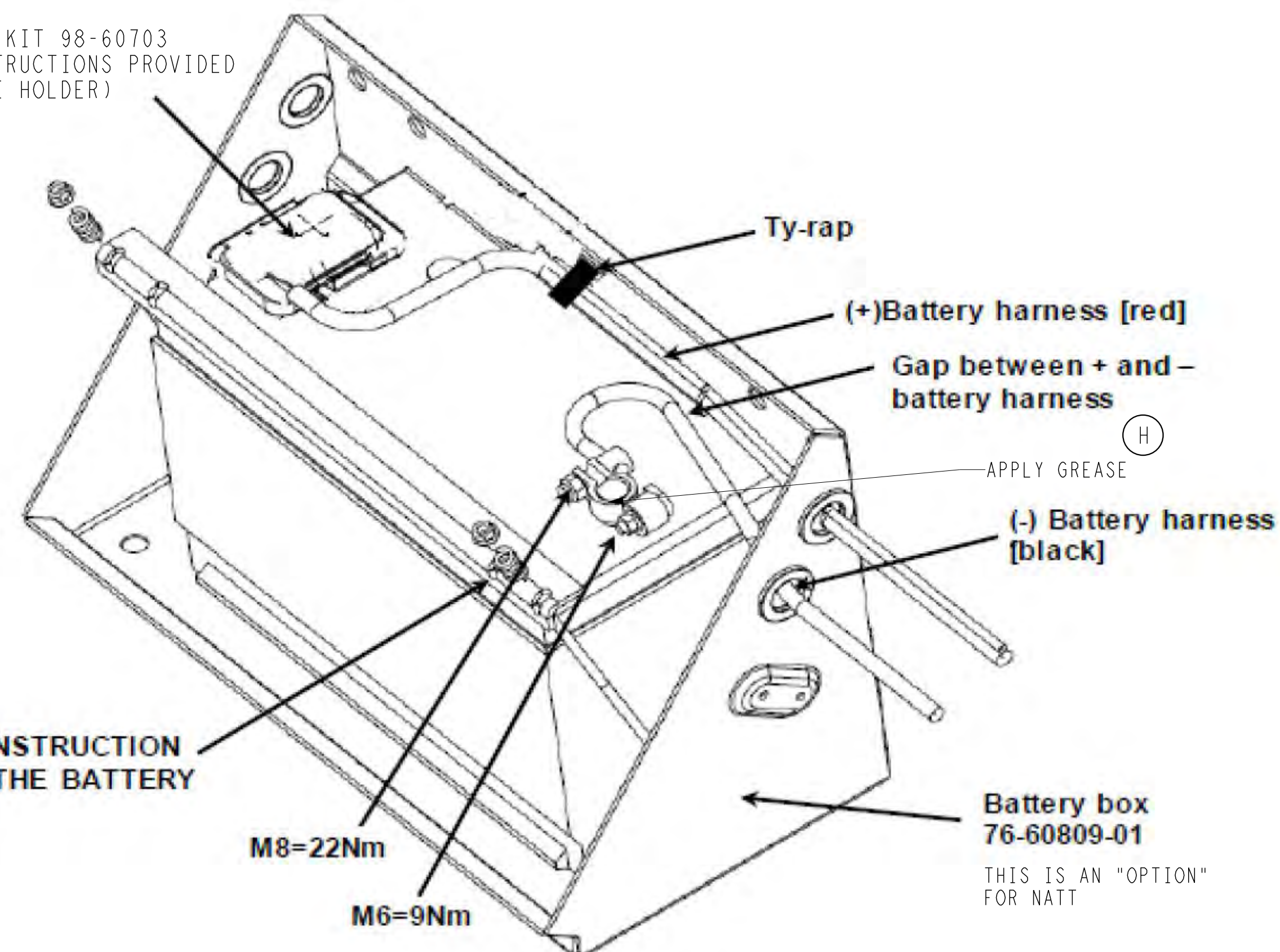


7

BATTERY CONNEXION

ROUTING HARNESS BATTERY:
ETT REPRESENTATION

FOR ETT
USE FUSE KIT 98-60703
(SEE INSTRUCTIONS PROVIDED
WITH FUSE HOLDER)

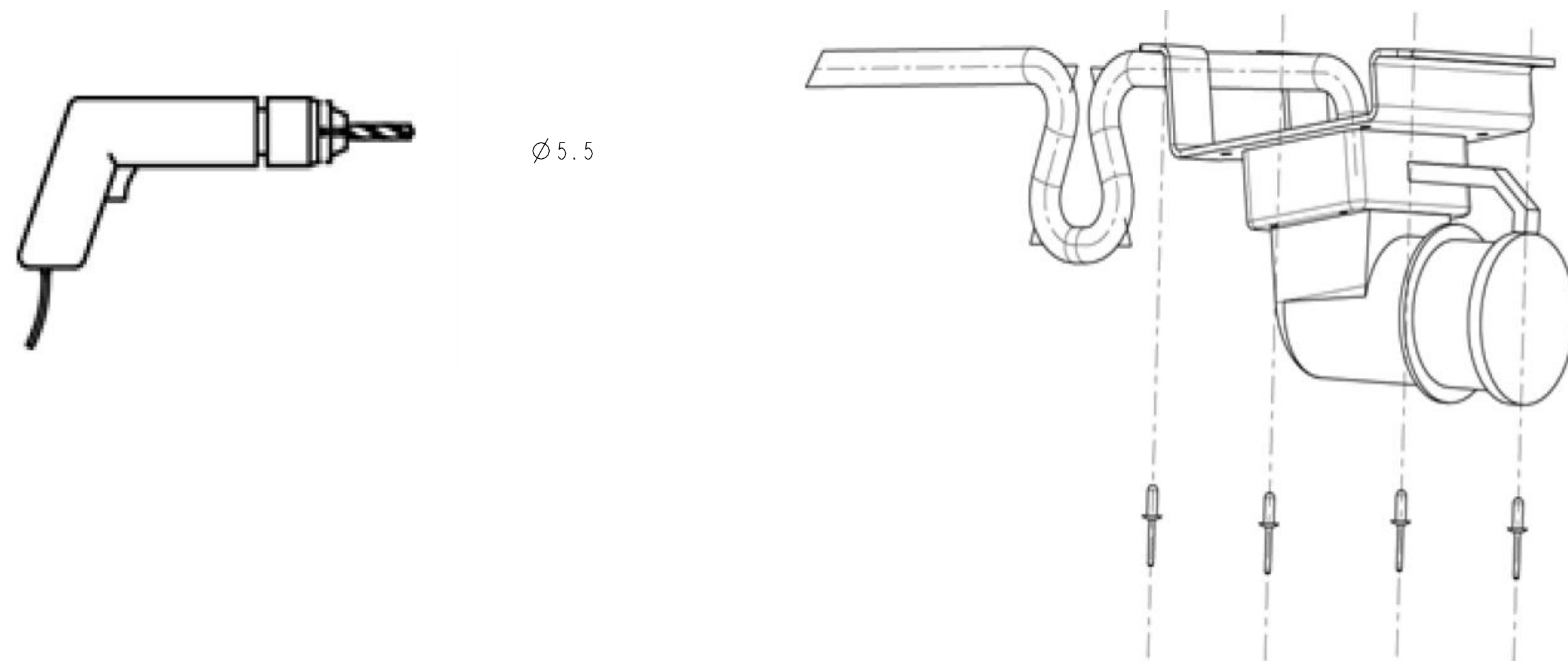


SEE MOUNTING INSTRUCTION
PROVIDED WITH THE BATTERY
BOX

H	ADDED NOTE "APPLY GREASE" TO BATTERY CONNEXION.	27 DEC 2021	LT-RA	---	---	1150220	FIRST ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS SHOWN ARE IN MILLIMETERS, WITH IMPERIAL CONVERSIONS IN [INCHES]	TITLE INSTRUCTION DE MONTAGE POUR SUPRA HE [MOUNTING INSTRUCTIONS FOR SUPRA HE]	DRAWING NO. 98-60724	REV H
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.				SHEET 7 OF 10	

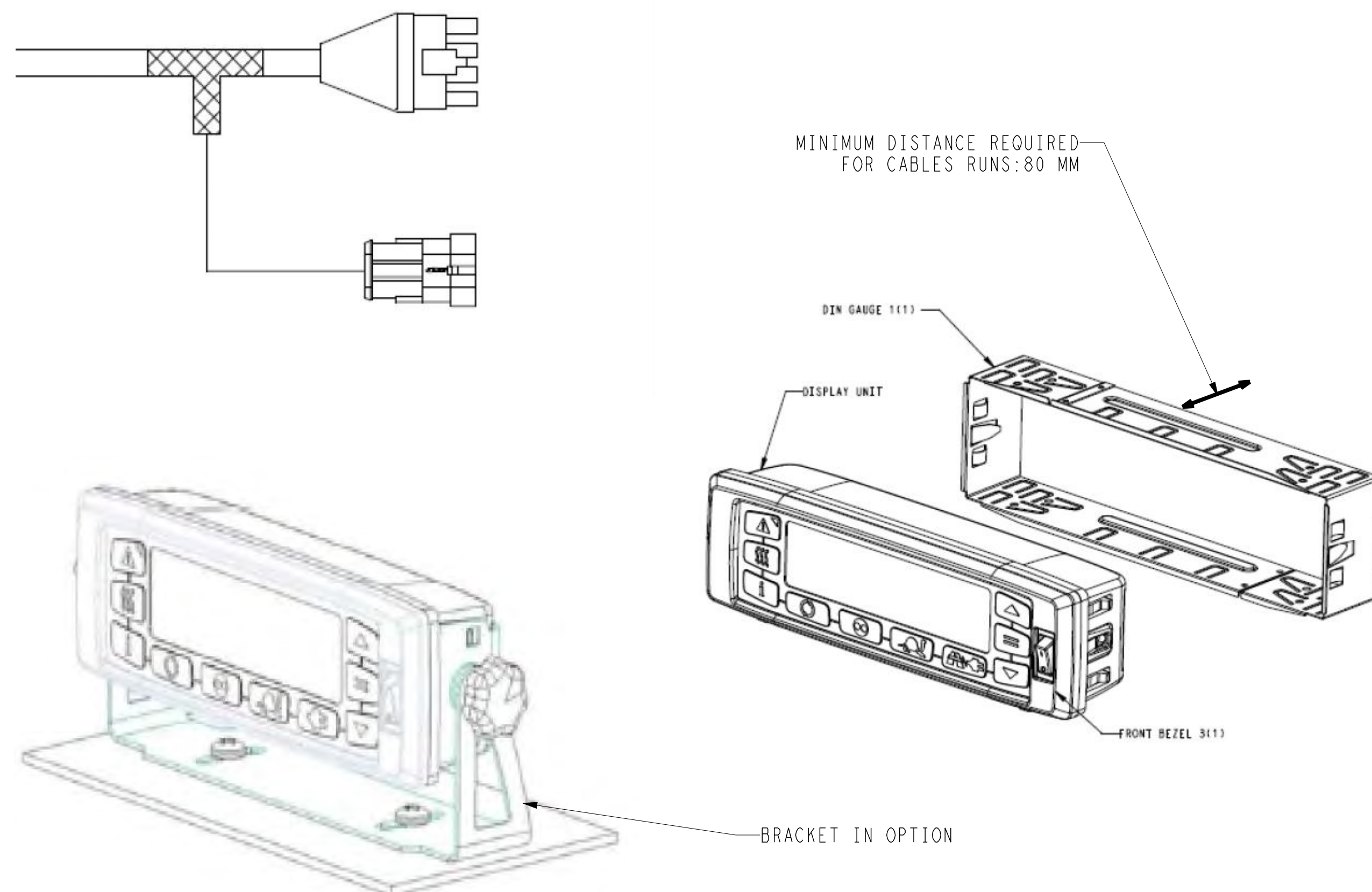
9

STAND BY PLUG INSTALLATION



10

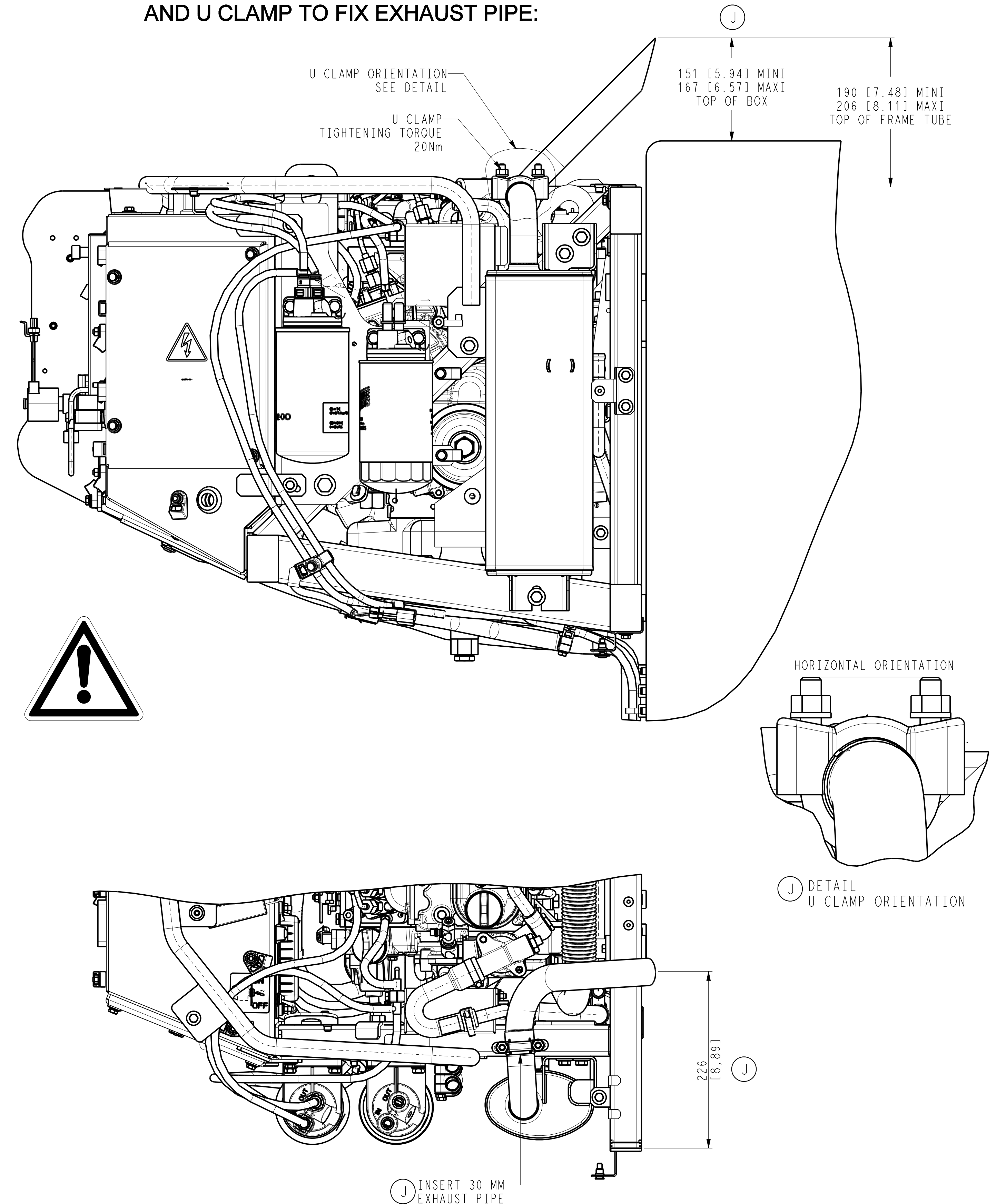
DISPLAY INSTALLATION



11

EXHAUST ASSEMBLY

INSTALL EXHAUST PIPE
AND U CLAMP TO FIX EXHAUST PIPE:

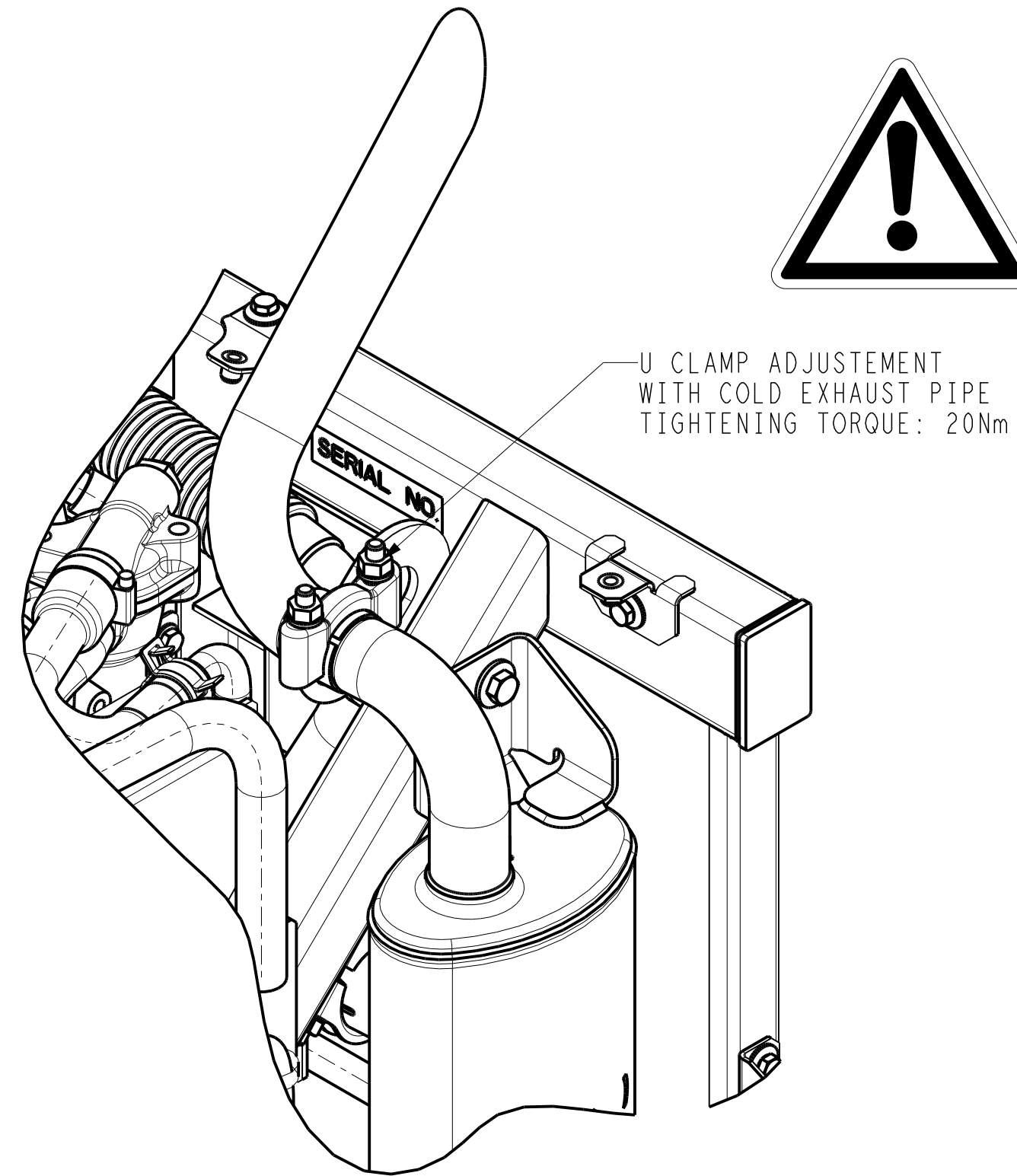


J	UPDATE MOUNTING INSTRUCTIONS	07 JUN 22	B.BOMBARD	---	---	1155090	FIRST ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS SHOWN ARE IN MILLIMETERS, WITH IMPERIAL CONVERSIONS IN [INCHES]	TITLE INSTRUCTION DE MONTAGE POUR SUPRA HE [MOUNTING INSTRUCTIONS FOR SUPRA HE]	DRAWING NO. 98-60724	REV J
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.				SHEET 8 OF 10	

12

PERFORM UNIT COMMISSIONING .REFER TO CTE COMMISSIONNING DOCUMENT

13



14

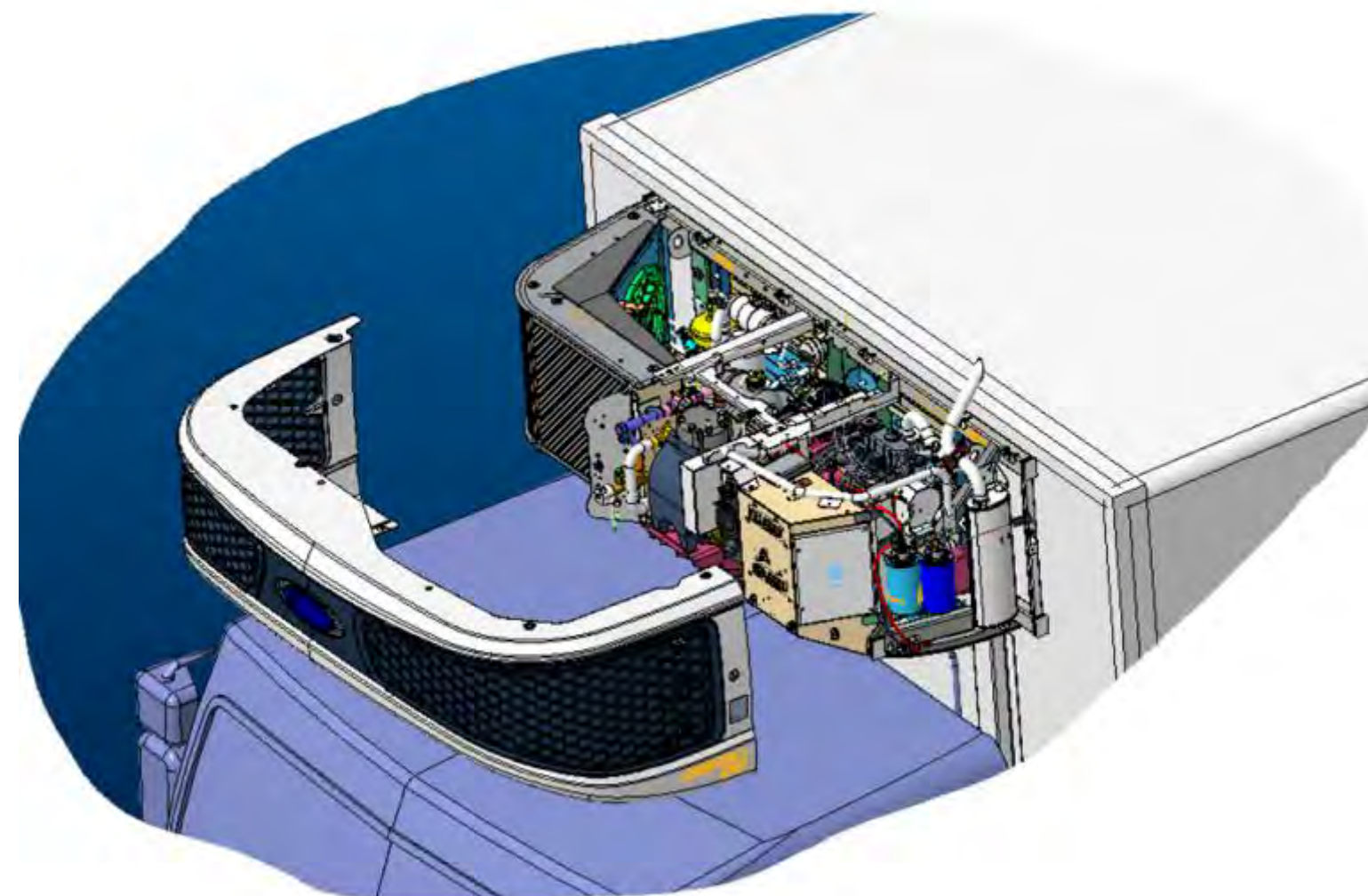
SKIN ASSEMBLY

14.1) INSTALL SKIN TO THE UNIT:

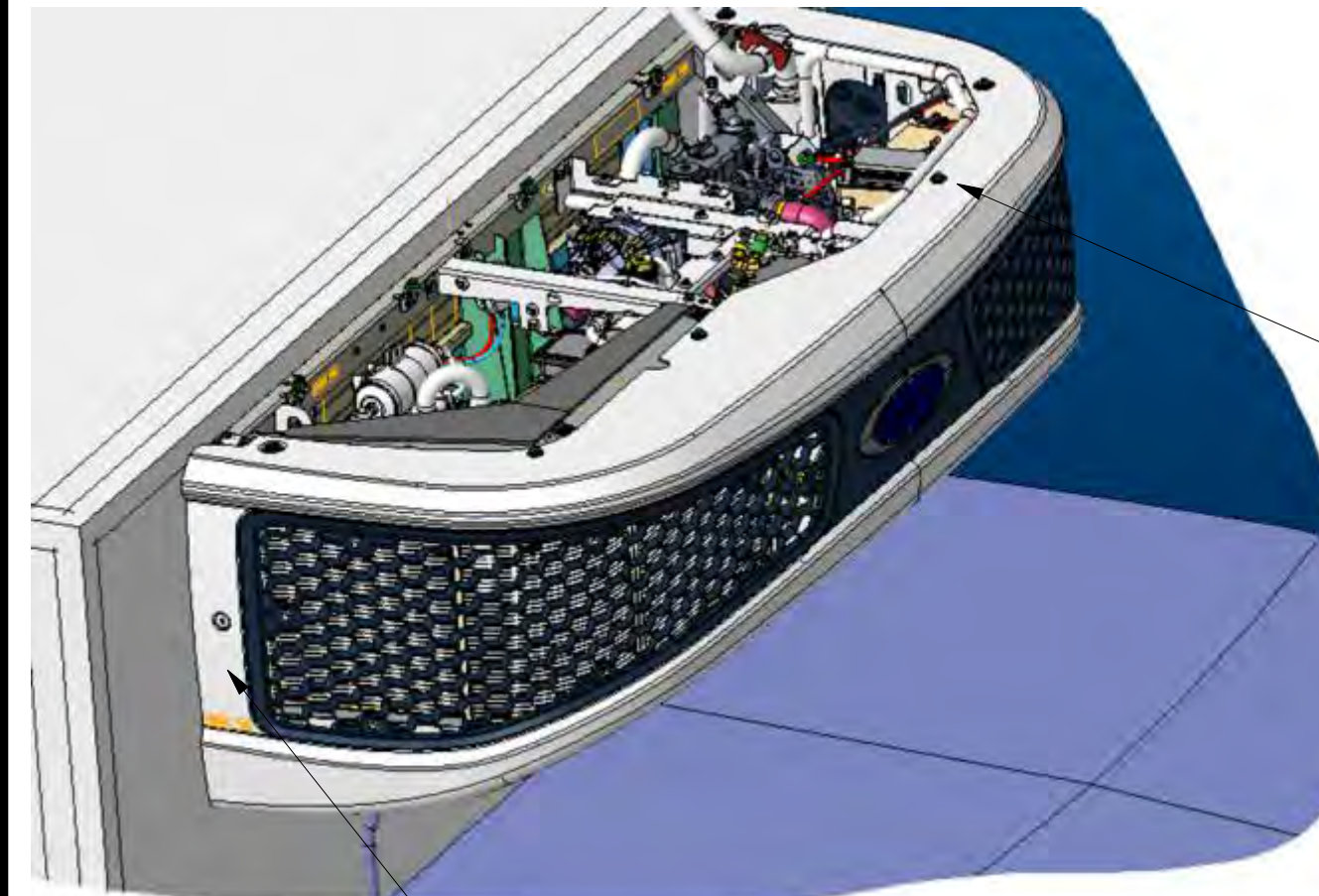
SKIN WEIGHT
STANDARD VERSION: 11.6 KG
SILENT VERSION: 14 KG



PROTECT THE SKIN
FROM DAMAGES



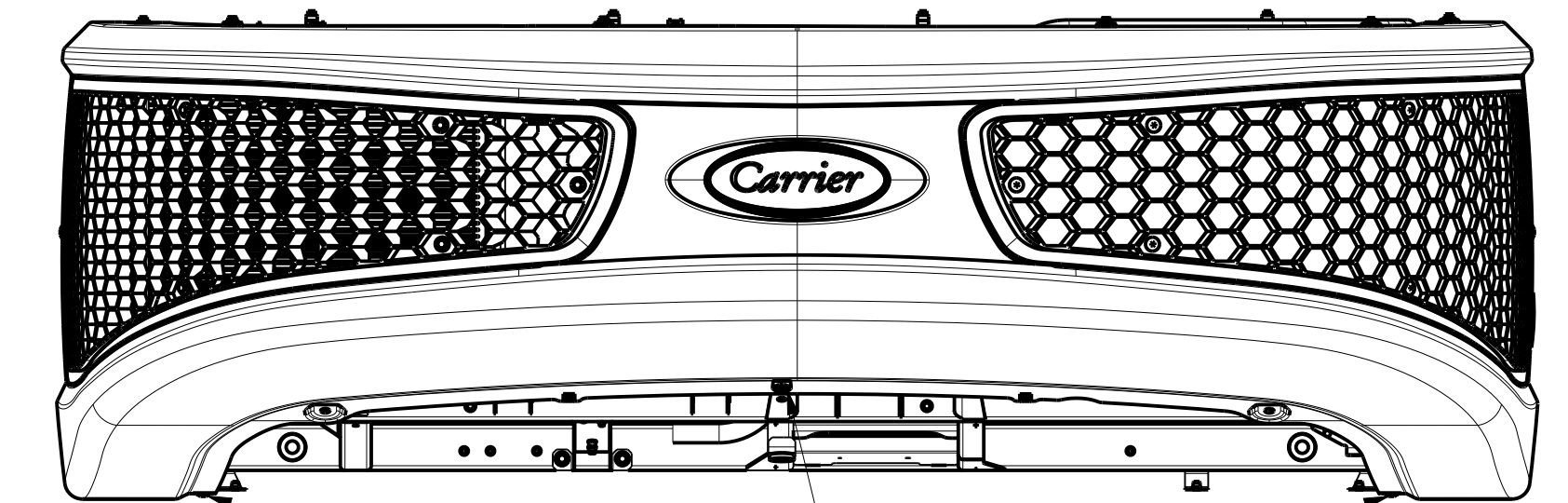
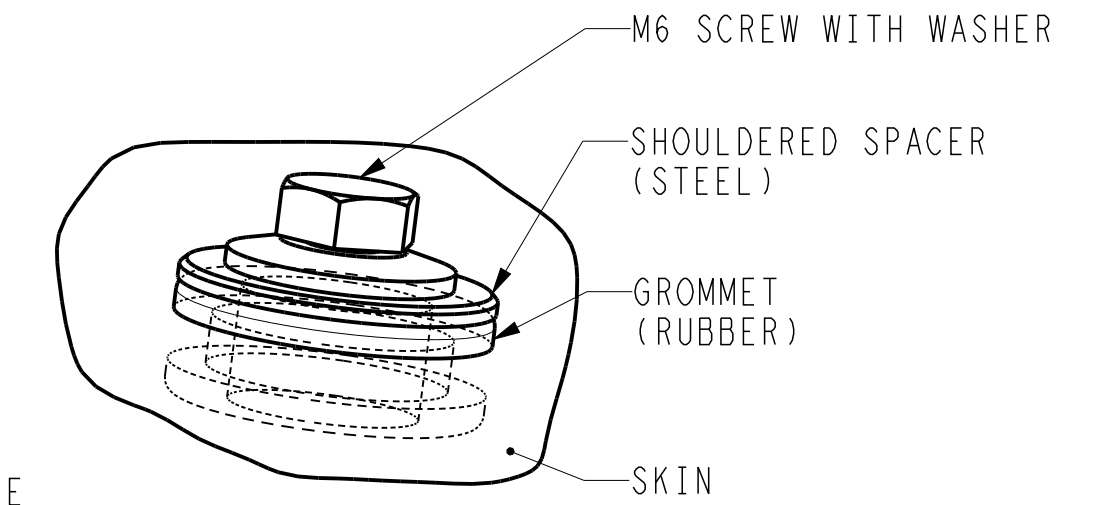
14.2) FIX SKIN TO THE UNIT:



FIX 1 SCREW TO LEFT
AND RIGHT SIDE OF
THE SKIN
TIGHTENING TORQUE 5Nm



FIX 6 SCREWS TO THE
BOTTOM OF THE SKIN
TIGHTENING TORQUE 10Nm



FRONT GRILL
MUST BE FIX FIRST
TO THE FRAME WITH 3 SCREWS

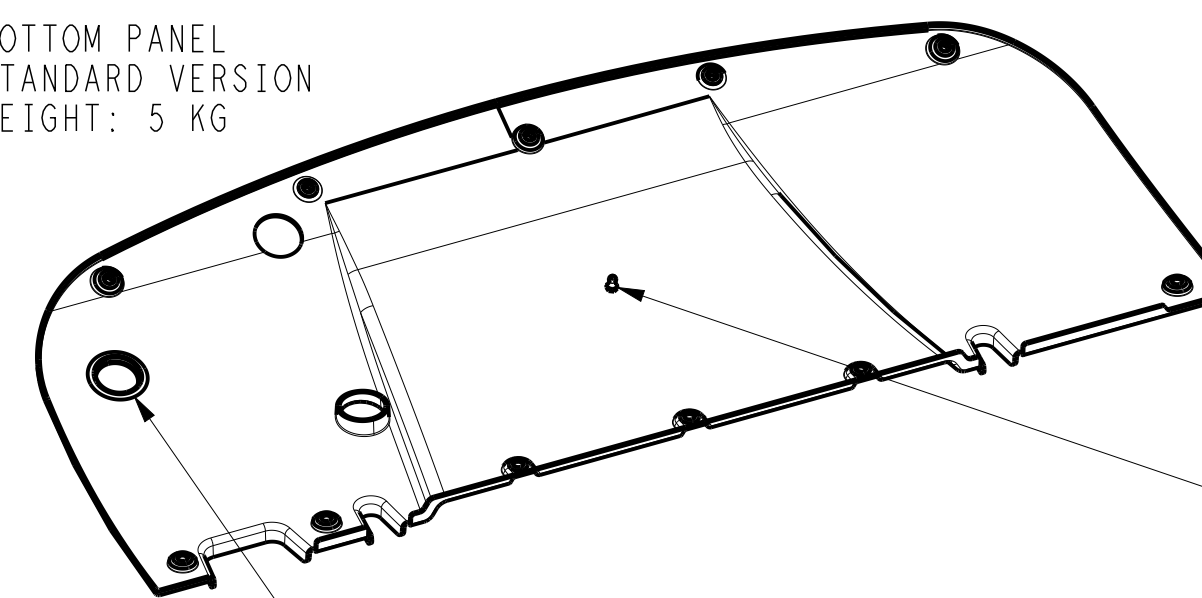
14.3) FIX BOTTOM PANEL TO THE UNIT:



FIX 14 SCREWS
TIGHTENING TORQUE 10Nm

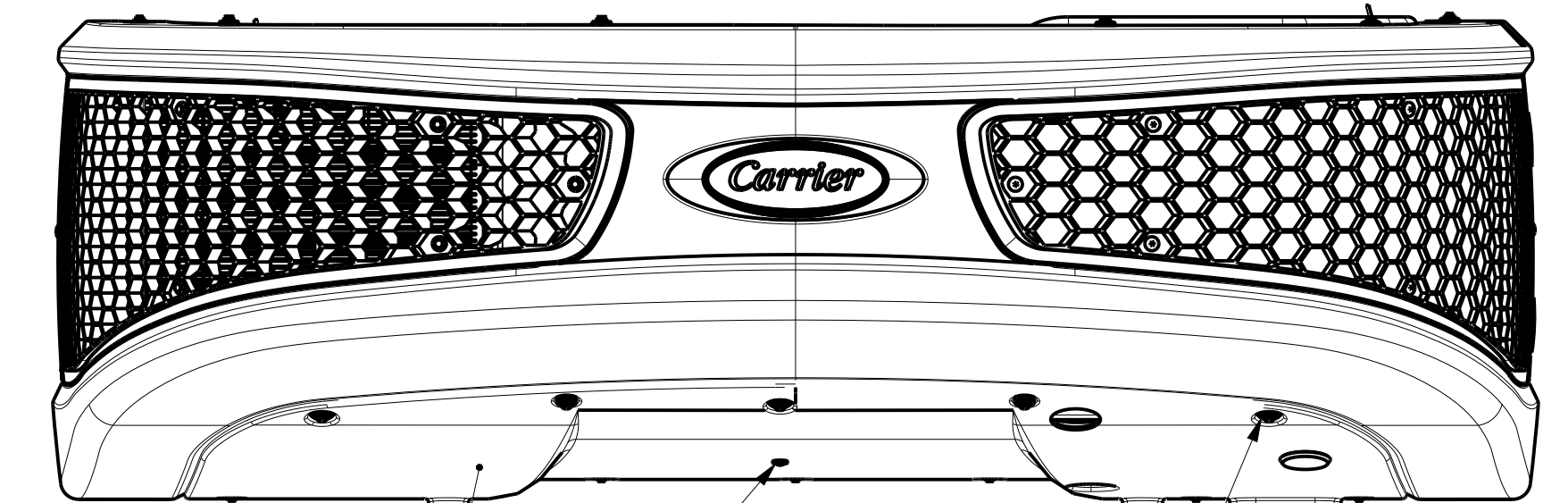
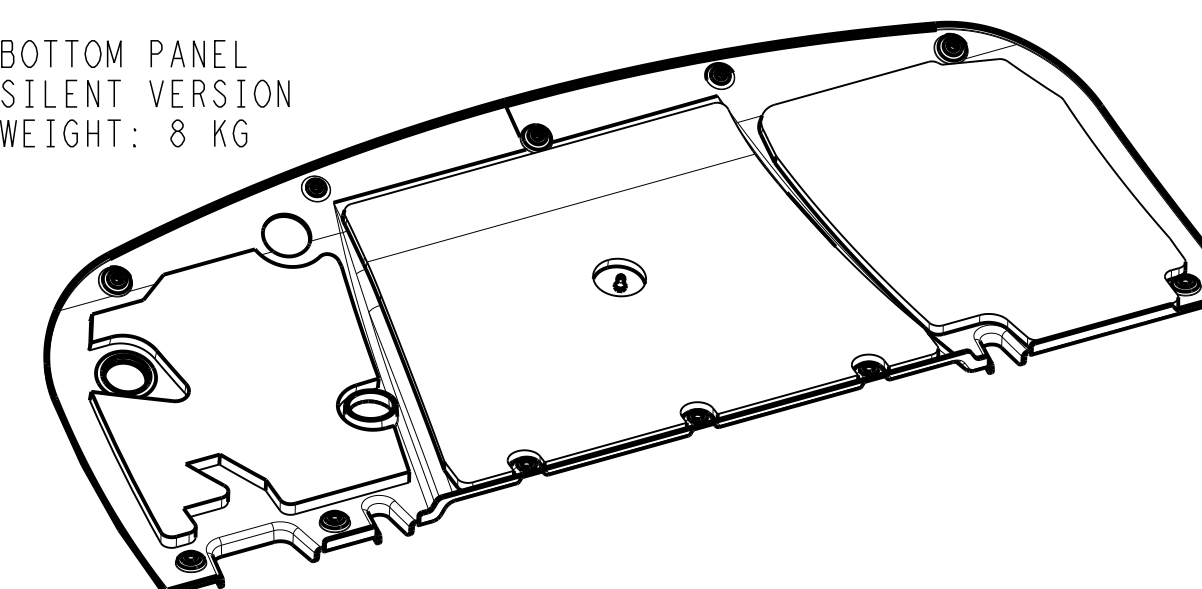


Ⓝ
BOTTOM PANEL
STANDARD VERSION
WEIGHT: 5 KG



Ⓝ
DELIVERED WITH PLASTIC PLUG FOR STANDARD VERSION.
FOR MULTI-TEMP VERSION, REMOVE IT,
AND INSERT INTO THE OTHER HOLE.

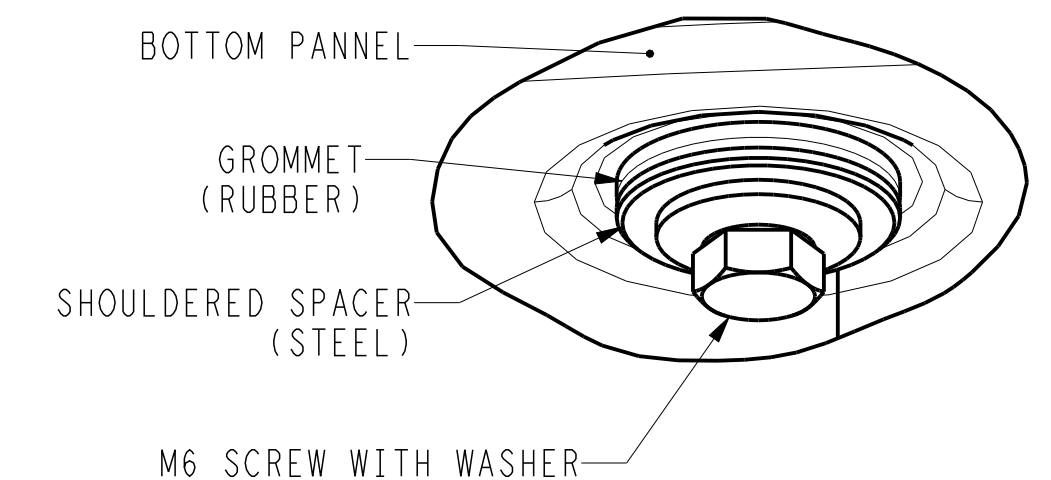
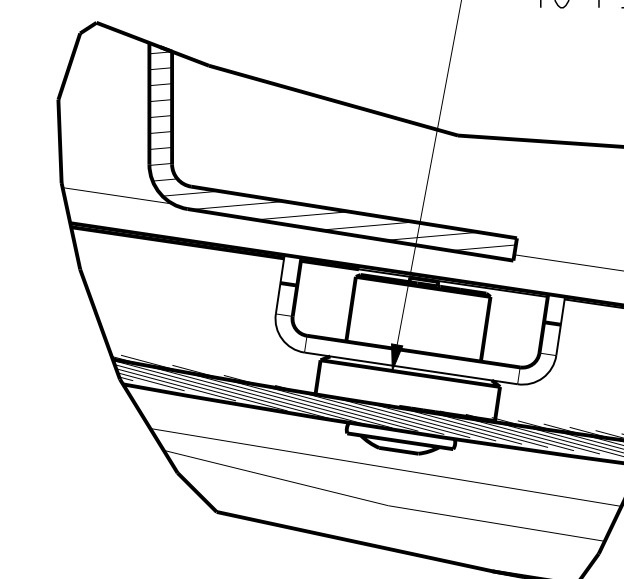
Ⓝ
BOTTOM PANEL
SILENT VERSION
WEIGHT: 8 KG



BOTTOM PANEL

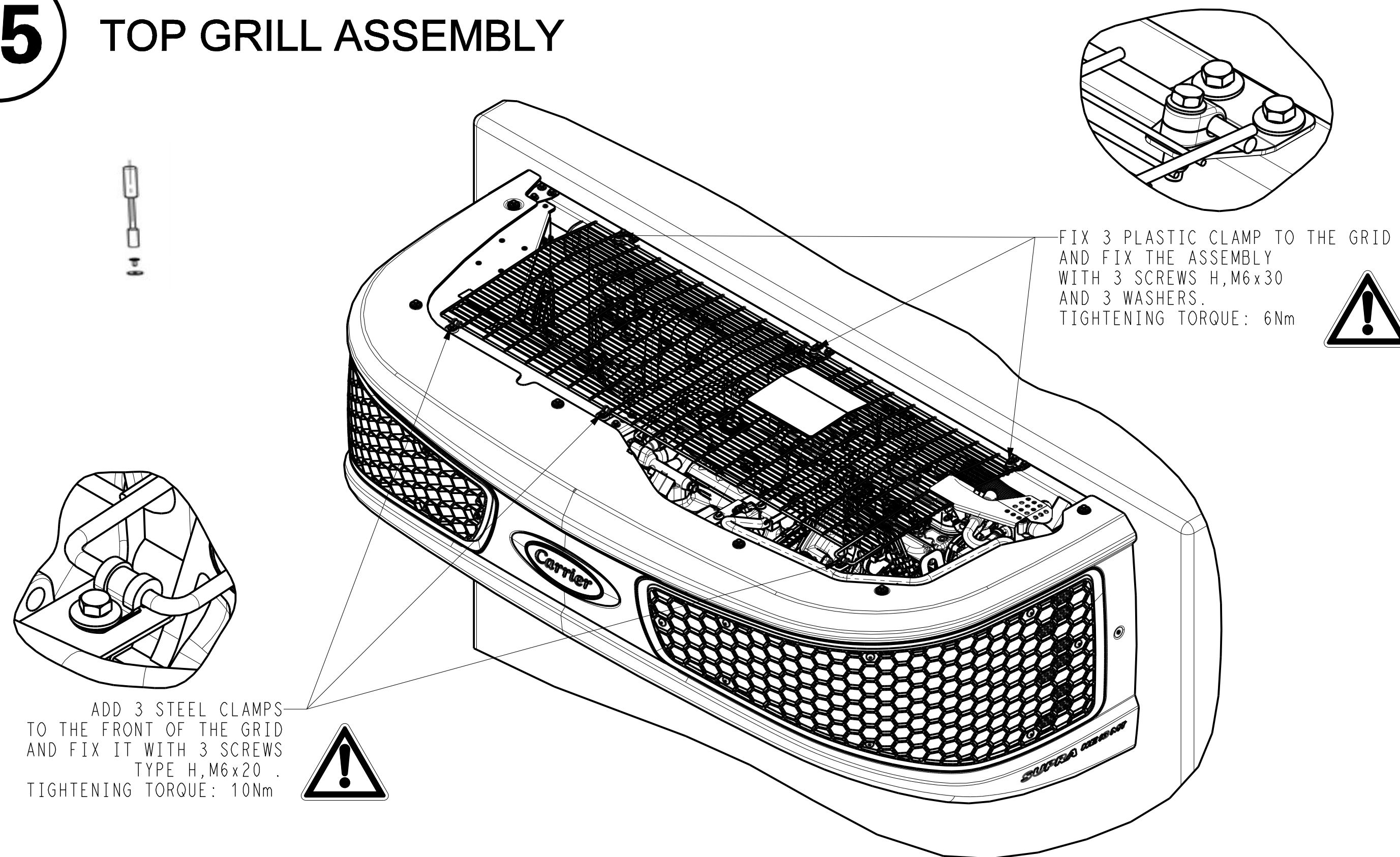
BOTTOM PANEL
MUST BE FIX TO THE
FRAME IN A SECOND
TIME WITH 11 SCREWS

USE SNAPLOCK
(RECEPTACLE ON THE FRAME
AND PIN ON THE BOTTOM PANEL)
TO FIX EASILY THE BOTTOM PANEL

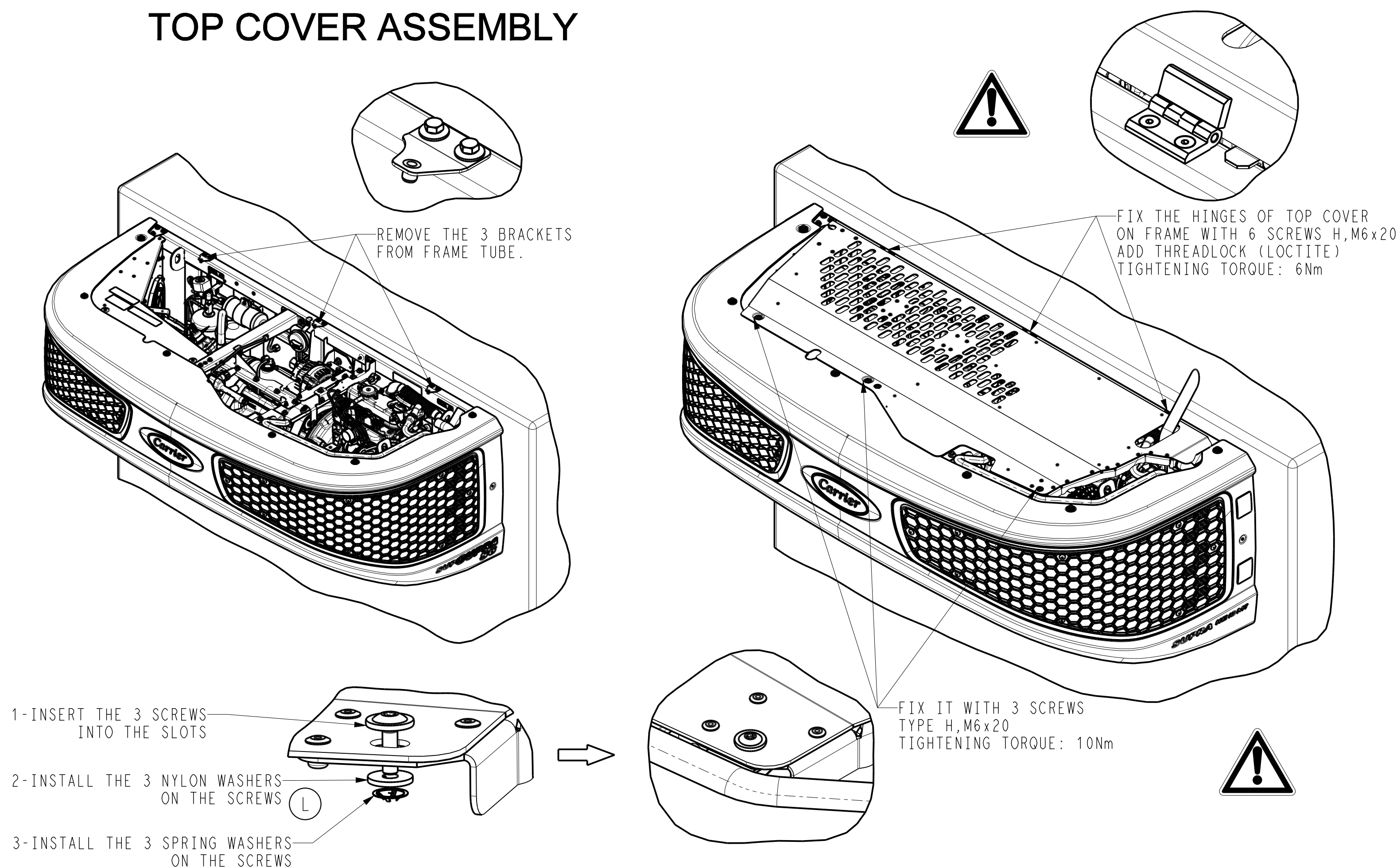


N	UPDATE INSTRUCTION FOR BOTTOM PANEL	20 OCT 2023	B.BOMBARD	---	---	1174996	FIRST ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS SHOWN ARE IN MILLIMETERS, WITH IMPERIAL CONVERSIONS IN (INCHES)	TITLE INSTRUCTION DE MONTAGE POUR SUPRA HE [MOUNTING INSTRUCTIONS FOR SUPRA HE]	DRAWING NO. 98-60724	REV N
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.				SHEET 9 OF 10	

15 TOP GRILL ASSEMBLY



TOP COVER ASSEMBLY



16 MANDATORY DOCUMENTS SUPPLIED BY CARRIER TO GIVE TO CUSTOMER/DRIVER

	Operator's manual
	CE certificate

17 ELECTRICAL DRAWING LOCALISATION

	In the electrical box
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18 MULTITEMPERATURE DOCUMENTATION ^(P)

98-60722 (INSIDE REMOTE EVAPORATOR PACKAGING)	JUNCTION BOX REMOTE EVAPORATOR CONNECTION DOCUMENTATION
98-60737 (INSIDE REMOTE EVAPORATOR PACKAGING)	MT SYSTEM CONNECTION DOCUMENTATION