DRAWING CLASSIFICATION: US

UNLESS OTHERWISE SPECIFIED ALL	1
DIMENSIONS SHOWN ARE IN MILLIMETERS,	
WITH IMPERIAL CONVERSIONS IN [INCHES]	

TITLE INSTRUCTIONS DE MONTAGE POUR NDTP [MOUNTING INSTRUCTIONS FOR NDTP]

98-60724

UPDATED INSTRUCTIONS.	12 APR 2019	LT-RG			71E0031P19
UPDATE MOUNTING INSTRUCTIONS	14 JAN 19	LANUZEL			71E0125P17
CHANGE MASSE AND VERSION PAGE 4	16 AUG 18	LANUZEL			71E0040p18
CHANGE FORMAT A4 WAS A3	18 SEP 17	LANUZEL			71E0138P17
L RELEASE.	05 MAY 2017	LT-GRS			71E0033P17
REVISION RECORD	DATE	ВҮ	ENGR.	М.Е.	NPCA NO.

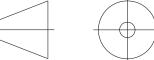
31 MAR 2020 B.BOMBARD G UPDATED INSTRUCTION PAGE 1,2,3,4 & 5 1130870 10 OCT 19 B.BOMBARD F UPDATED INSTRUCTIONS PAGE 3 AND 6 71E0070P19

297±3 [11,693±0,118]

AGRAPHE [STAPLED]—

A INITIAL

FIRST ANGLE PROJECTION





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.]

[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.]



MODELE INITIAL : NDTP

SPECIFICATIONS:

[SPECIFICATIONS:]

1.0 MATIERE: PAPIER.

[MATERIAL: PAPER.]

2.0 EPAISSEUR: 80 GR/M2. [THICKNESS: 80 PER SQUARE METER.]

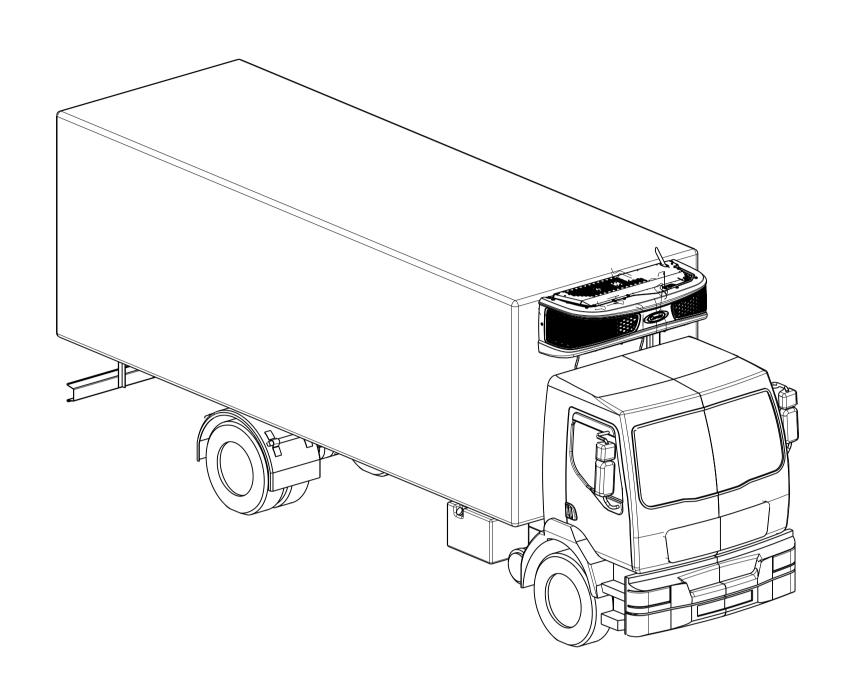
3.0 COULEUR MATIERE: BLANC. [MATERIAL COLOR: WHITE.]

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.

SUBMISSION OF THESE DRAWINGS OR DOCUMENTS DOES NOT CONSTITUTE PART PERFORMANCE OR

# SINGLE TEMP INSTALLATION INSTRUCTION



BILL OF MATERIAL DELIVERED WITH THE MOUNTING KIT

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

SHEET	REV	G	G	G	G	G	F	D	D	А
INDEX	SHEET	1	2	3	4	5	6	7	8	9

G	UPDATED INSTRUCTION	31 MAR 2020	B.BOMBARD			1130870
F	UPDATED INSTRUCTION PAGE 3 AND 6	10 OCT 19	LANUZEL			71E0070P19
E	UPDATED SHEET INDEX. SEE SHEET 3.	12 APR 2019	LT-RG			71E0031P19
D	UPDATE MOUNTING INSTRUCTIONS	14 JAN 19	LANUZEL			71E0125P17
С	CHANGE MASSE AND VERSION PAGE 4	16 AUG 18	LANUZEL			71E0040P18
А	INITIAL RELEASE	05 MAY 2017	LT-GRS			71E0033P17
SYM	REVISION RECORD	DATE	ВҮ	ENGR.	М.Е.	NPCA NO.



# 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 MANDATOR 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



I USE A PLATFORM COMPLIANT WITH THE REGULATION. IF NO PLATFORM AVAILABLE I 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:

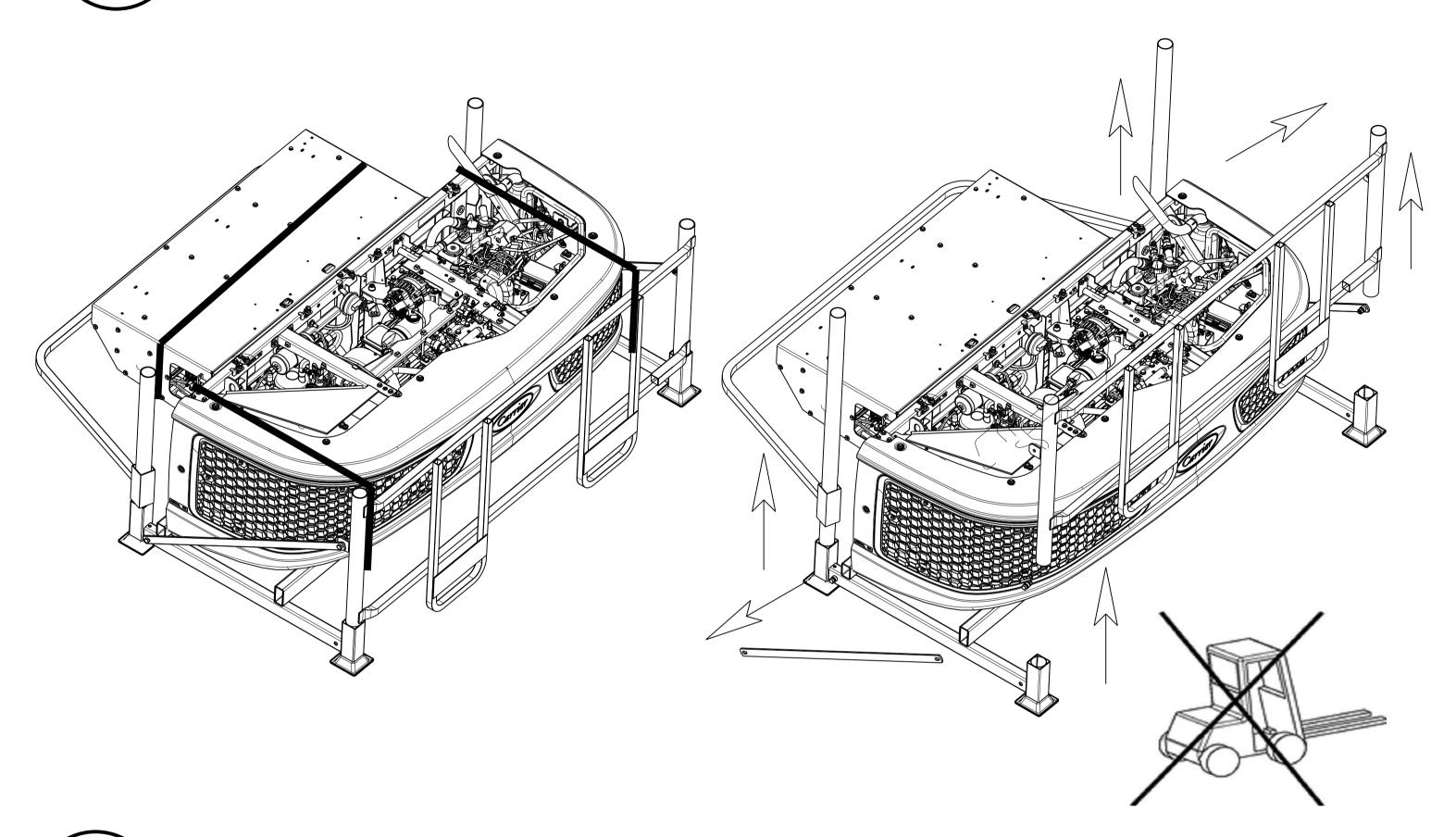
NO MODIFICATION ON THE UNIT CAN BE REALIZED WITHOUT THE PRIOR WRITTEN CONSENT FROM CARRIER TRANSICOLD INDUSTRIES (ELECTRICAL, MECHANICAL... Non exhaustive list.

INNIESS OTHERWISE SPECIFIED ALL		DRAWING NO.	REV
FIRST ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS SHOWN ARE IN MILLIMETERS, WITH IMPERIAL CONVERSIONS IN [INCHES]	INSTRUCTIONS DE MONTAGE POUR NDTP [MOUNTING INSTRUCTIONS FOR NDTP]	98-60724 SHEET 1 OF	g G



# 1.1) THE UNIT ARRIVES IN AGENCY

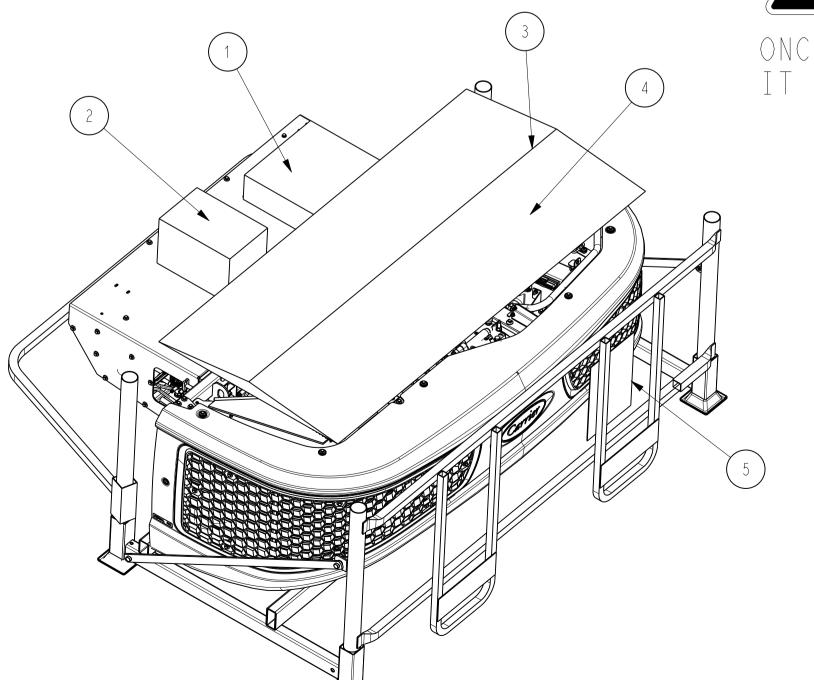
## 1.2) MAKE THE UNIT FREE OF PROTECTORS



2 KITS LOCATION & DESCRIPTION



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



# KITS DESCRIPTION

	SET DOC:
1	-EXHAUST PIPE -FUEL LINE RED AND BLACK -FUEL AND BRACKET PUMP -GENERAL INSTALLATION KIT

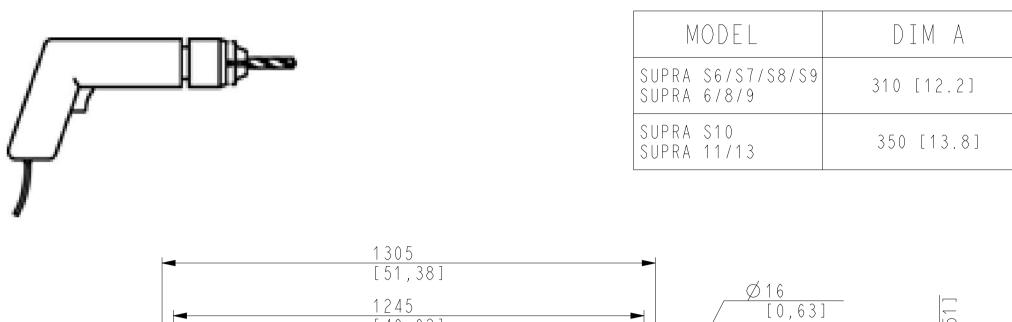
- 2 STAND BY PLUG
- 3 TOP AND BOTTOM PANNEL
- 4 CAB COMMAND
- 5 CERTIFATION DOCUMENTATION

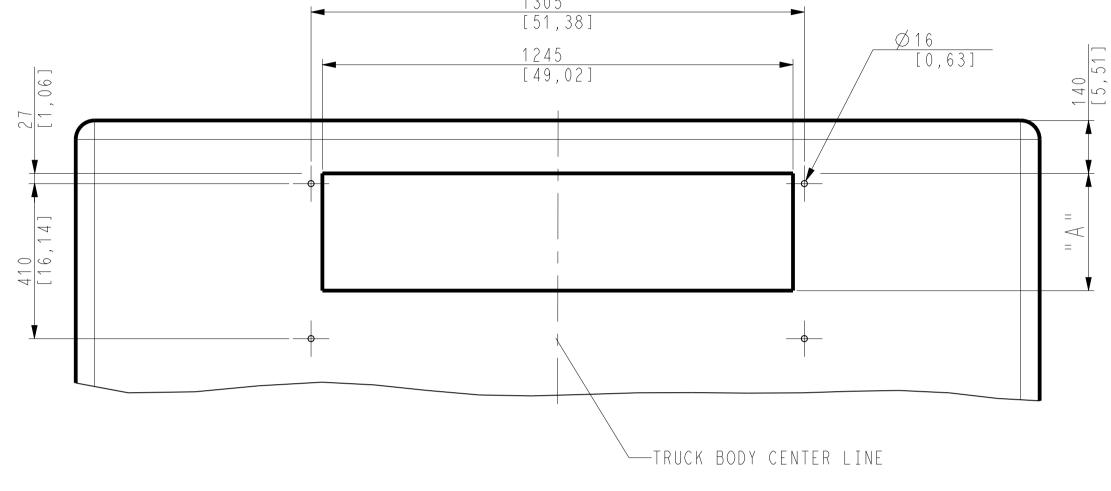


A United Technologies Company

Carrier

# 3.1) BODY PREPARATION FOR SINGLE TEMP UNIT

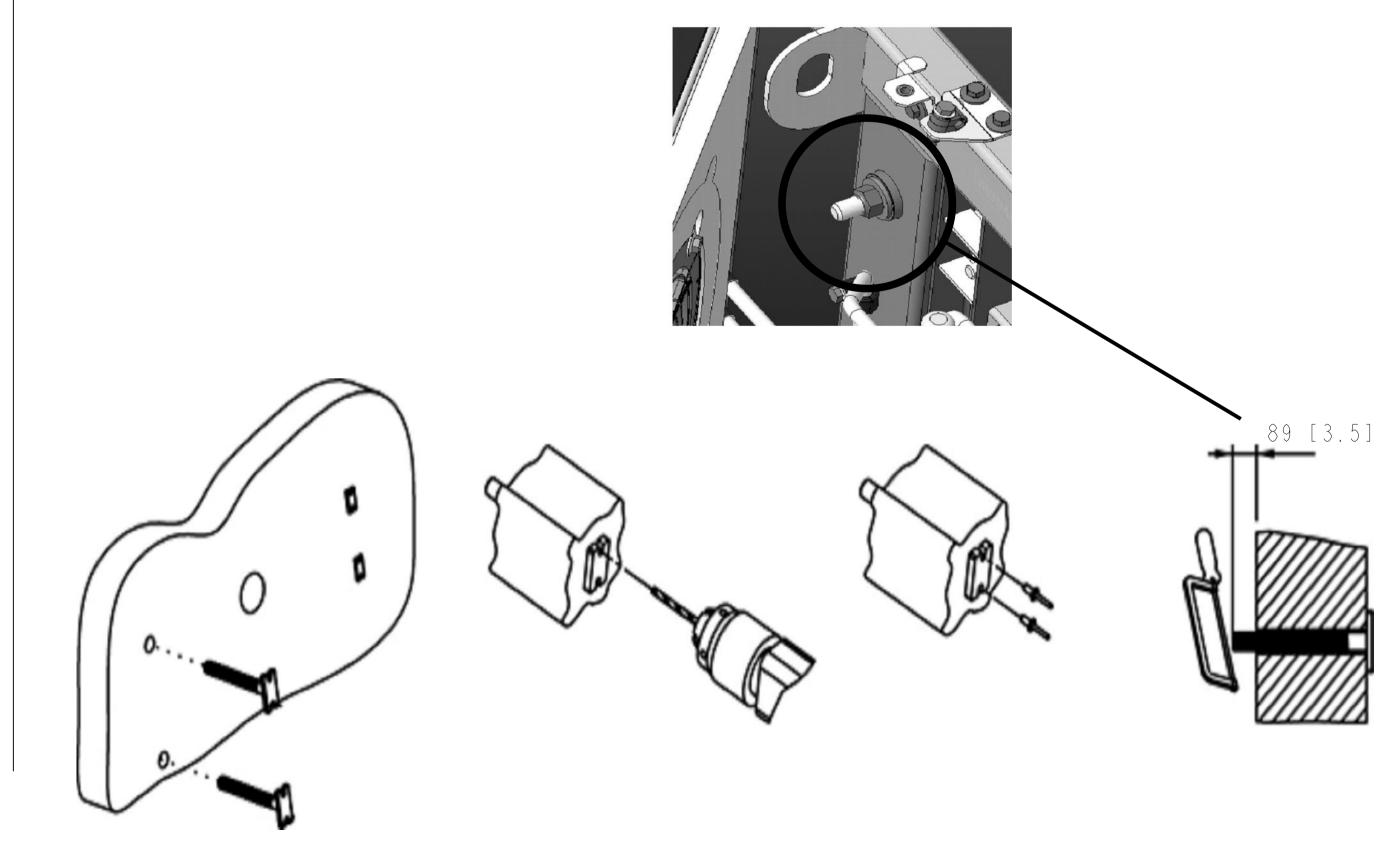






WORKING FROM OF THE INSIDE OF THE TRUCK BODY ,APPLY SEALANT ARROUND EACH MOUNTING HOLE.INSTALL THE 4 TEE BOLTS. USING SELF TAPPING SCREWS TO SECURE THE T BOLTS,MAKE SURE ALL OF THE ITEMS DESCRIBE ABAOVE ARE SECURED TO THE INTERNAL STRUCTURAL MEMBERS OF THE BODY.

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 APLLY THE REQUIRE TORQUE VALUE



G	SHEET UPDATED	31 MAR 2020	B.BOMBARD			1130870
YM	REVISION RECORD	DATE	ВҮ	ENGR.	М.Е.	NPCA NO.











INSTRUCTIONS DE MONTAGE POUR NDTP [MOUNTING INSTRUCTIONS FOR NDTP] DRAWING NO.

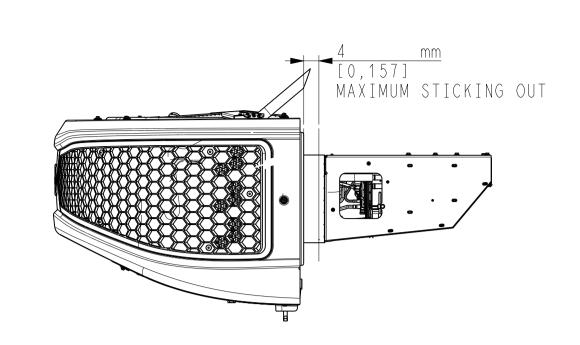
98-60724

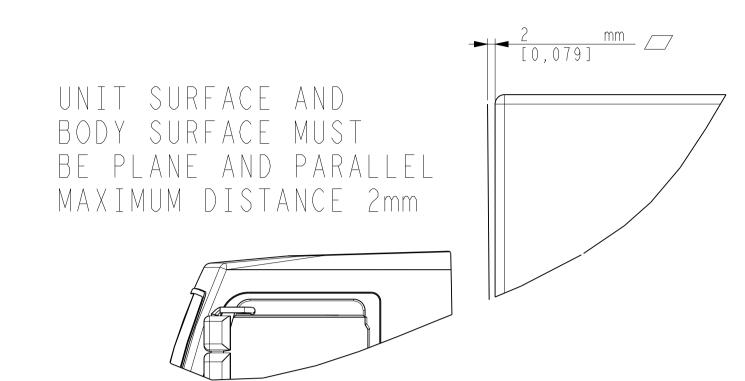
SHEET 2 OF 9

GENERAL SHEET 2 OF 9

## Carrier TRANSICOLD United Technologies

# 3.2) CONTROL BEFORE LIFTING:





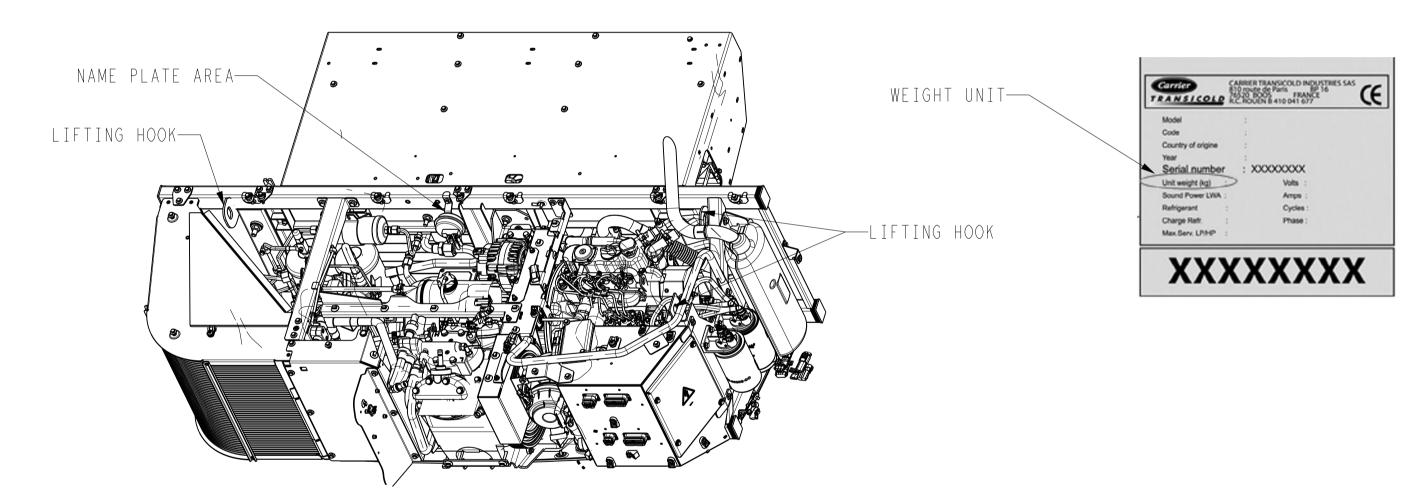


# TO LIFT THE UNIT



#### BEFORE LIFTING THE UNIT:

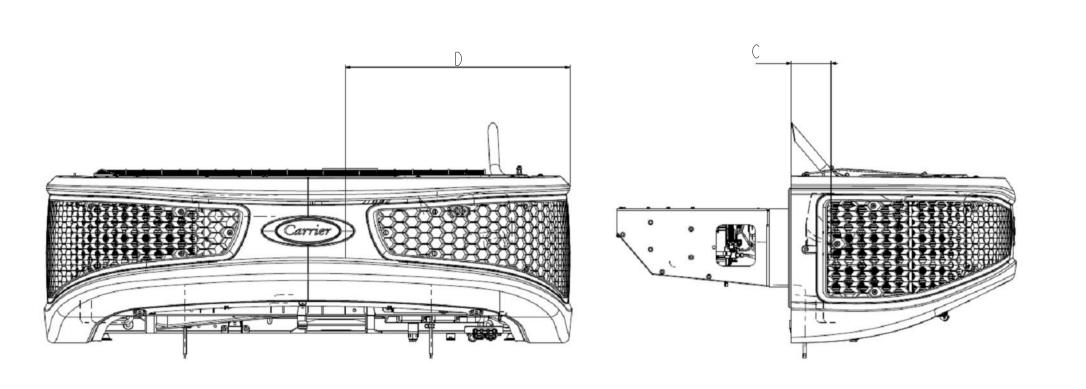
-VERIFY THE WEIGHT UNIT (SEE THE SERIAL PLATE FIX TO THE FRAME)
-KEEP ALL MOUNTING SCREWS(BOTTOM REAR; BOTTOM FRONT) OF LATERAL FRAMES
-REMOVE SKINS



	COTE POUR LEVAGE GROUPE [DIMS TO SET THE LIFTING TOOL]  GRAVITY CENTER											
EVAPORATEUR	A MOTOR SIDE	B CONDENSER SIDE	С	D	(±2Kg [±41b]							
SUPRA S6 / SUPRA 6 / OASIS 6 (R/S) SUPRA S6 / SUPRA 6 / OASIS 6 (RO)	545	775	225	815	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)	[21.4]	[30.5]	[8.86]	[32]	440 kg [954 lb] 390 kg [860 lb]							
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 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]							

ADD 12kg [26.5 lb] FOR SILENT / STEALTH VERSION - \*R/S: ROAD STANDBY - RO: ROAD ONLY



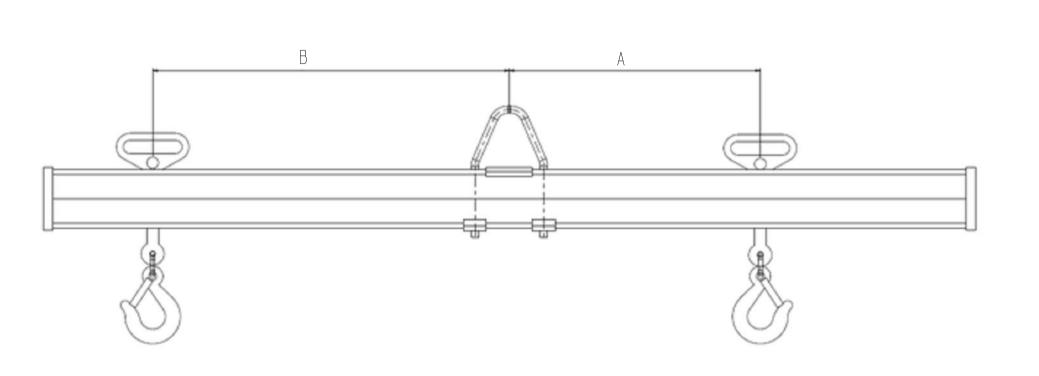


#### TO LIFT THE UNIT USE:

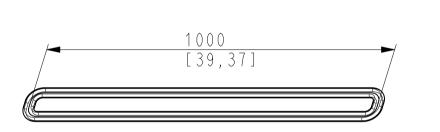
Carrier Transicold Industries 810, route de Paris Boite Postale 16 76520 Franqueville Saint Pierre

France R.C. Rouen 8 410 041 677

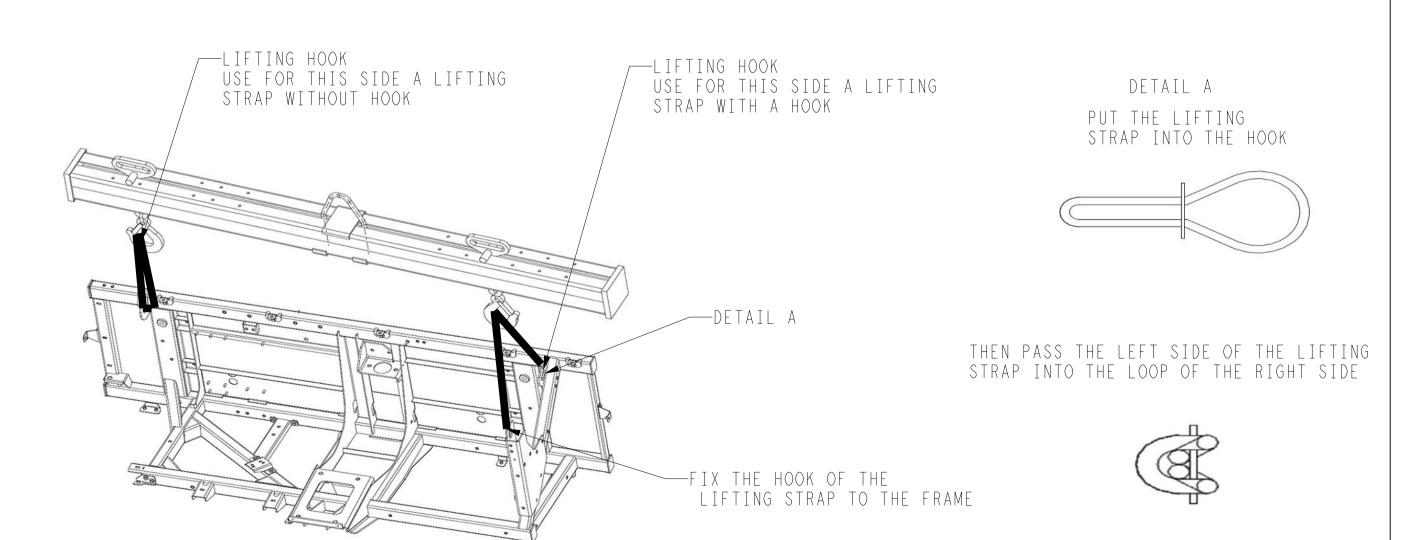
A LIFTING TOOL SET EACH HOOK FOLLWING DIMS A AND B INDICATED (SEE CHART)



AND: USE 2 LIFTING STRAPS: -1 WITH A HOOK
-1 WITHOUT HOOK RESPECTING WEIGHT INDICATED IN CHART



#### THEN ATTACHED LIFTING STRAPS:



G SHEET UPDATED		31 MAR 2020E	B.BOMBARD			1130870	FIRST ANGLE	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS SHOWN ARE IN MILLIMETERS,	TITLE	INSTRUCTIONS DE MONTAGE DOUD NOTD	DRAWING NO. $98 - 60724$	REV
SYM	REVISION RECORD	DATE	ВҮ	ENGR.	М.Е.	NPCA NO.	PROJECTION T	WITH IMPERIAL CONVERSIONS IN [INCHES]		INSTRUCTIONS DE MONTAGE POUR NDTP [MOUNTING INSTRUCTIONS FOR NDTP]	SHEET	3 OF 9 G

VIEW FOLLOWING A

—SCREW TYPE H

M6 x 35 TIGHTENING TORQUE

TIGHTENING TORQUE

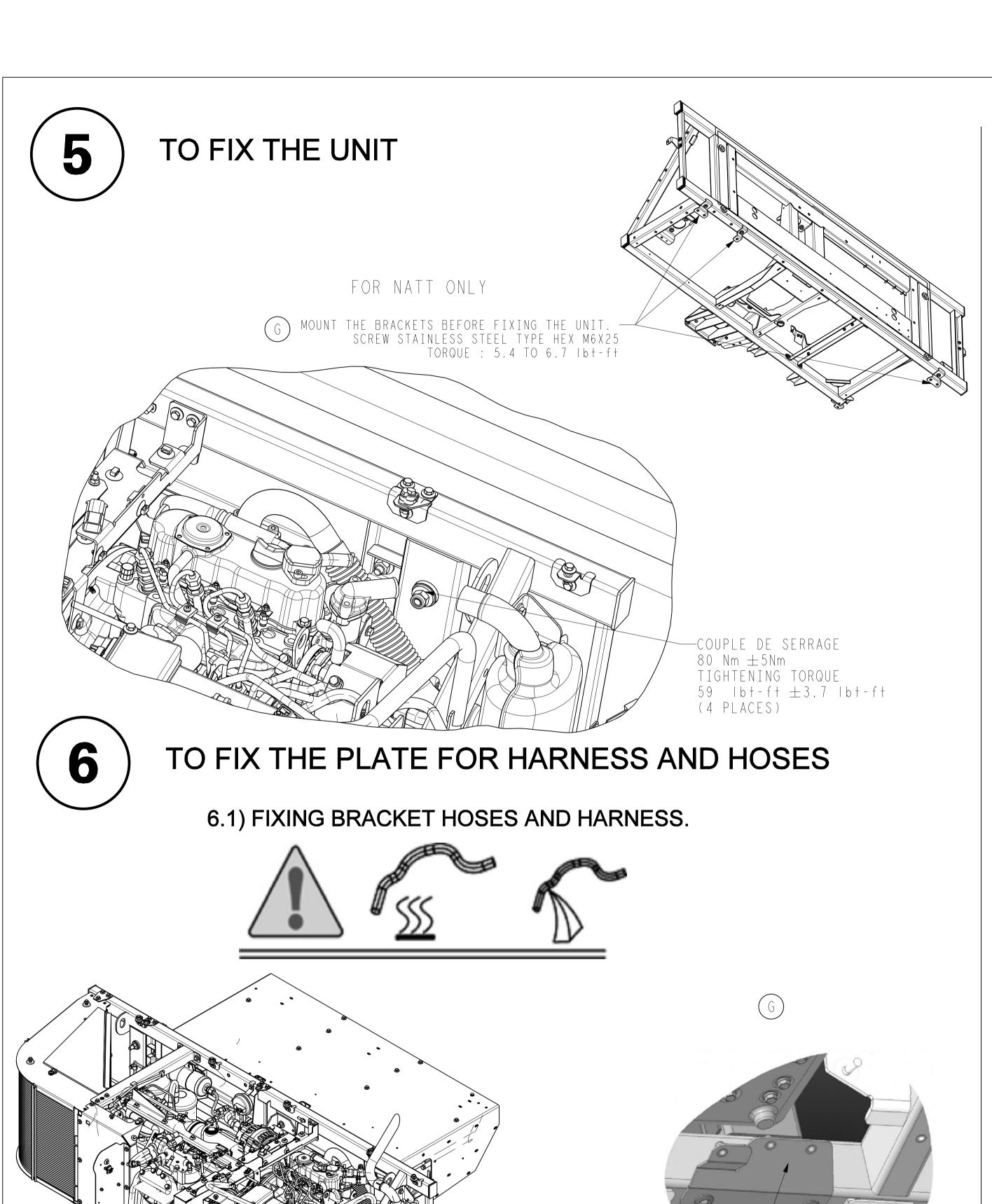
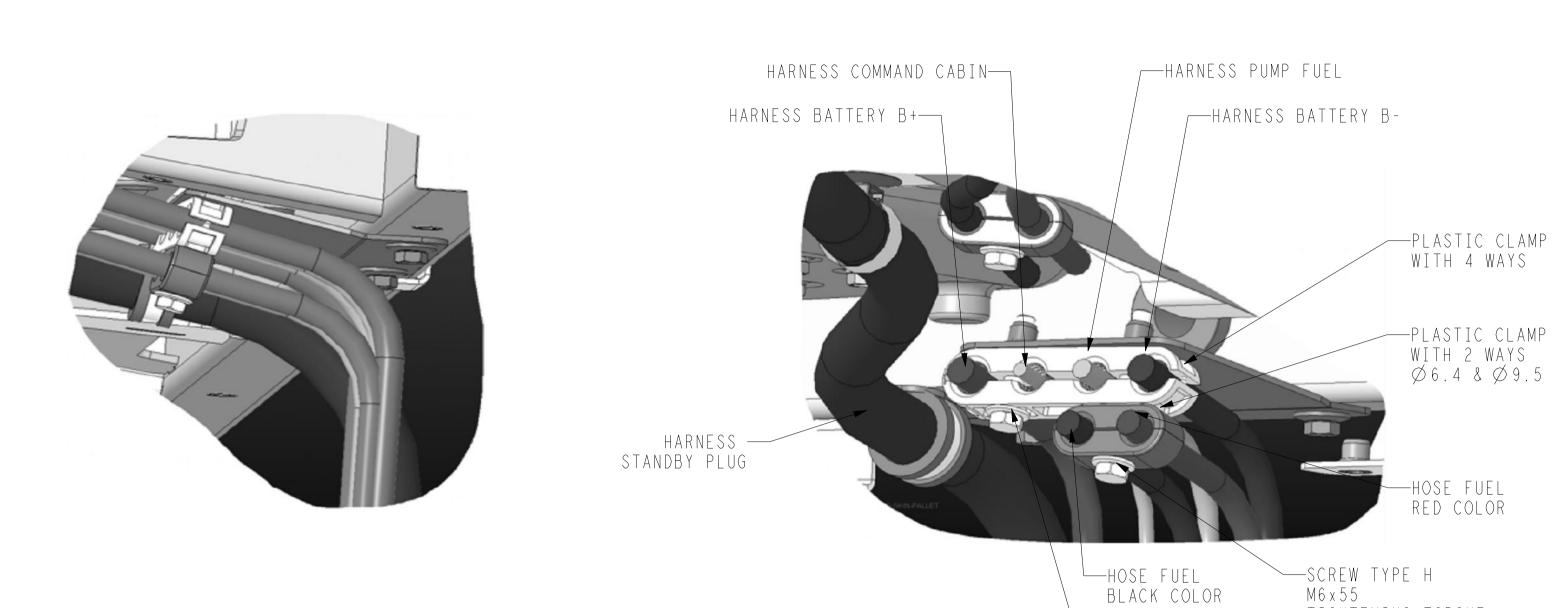


PLATE LOCATION: BOTTOM REAR OF THE UNIT

PLATE—

SCREW TYPE HM6x20—QTY 2
TIGHTENING TORQUE
5.4 TO 6.7 lb+-f+

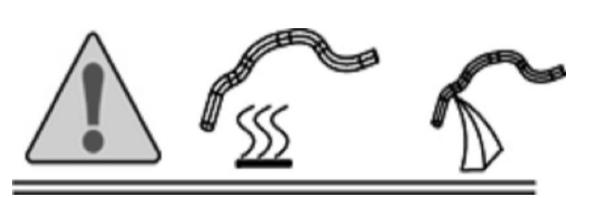


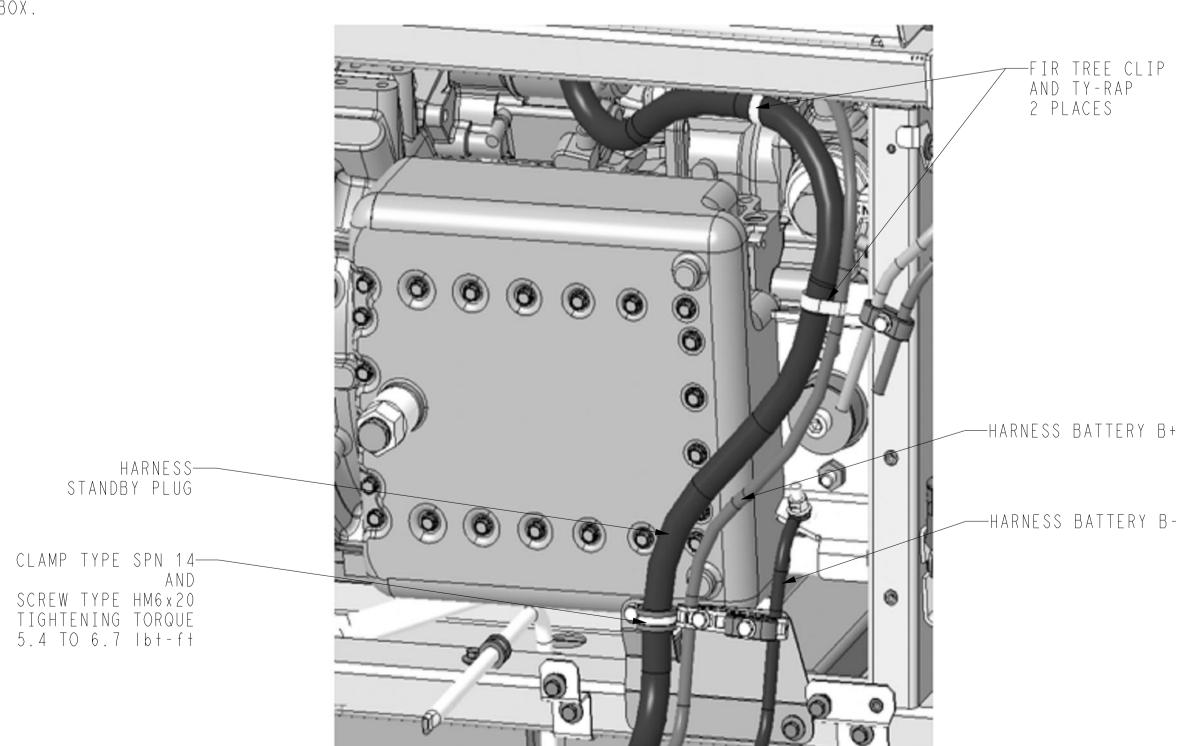
#### 6.2) HARNESS STANDBY PLUG, BATTERY B+ AND B- ROUTING

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.

Carrier

A United Technologies Company





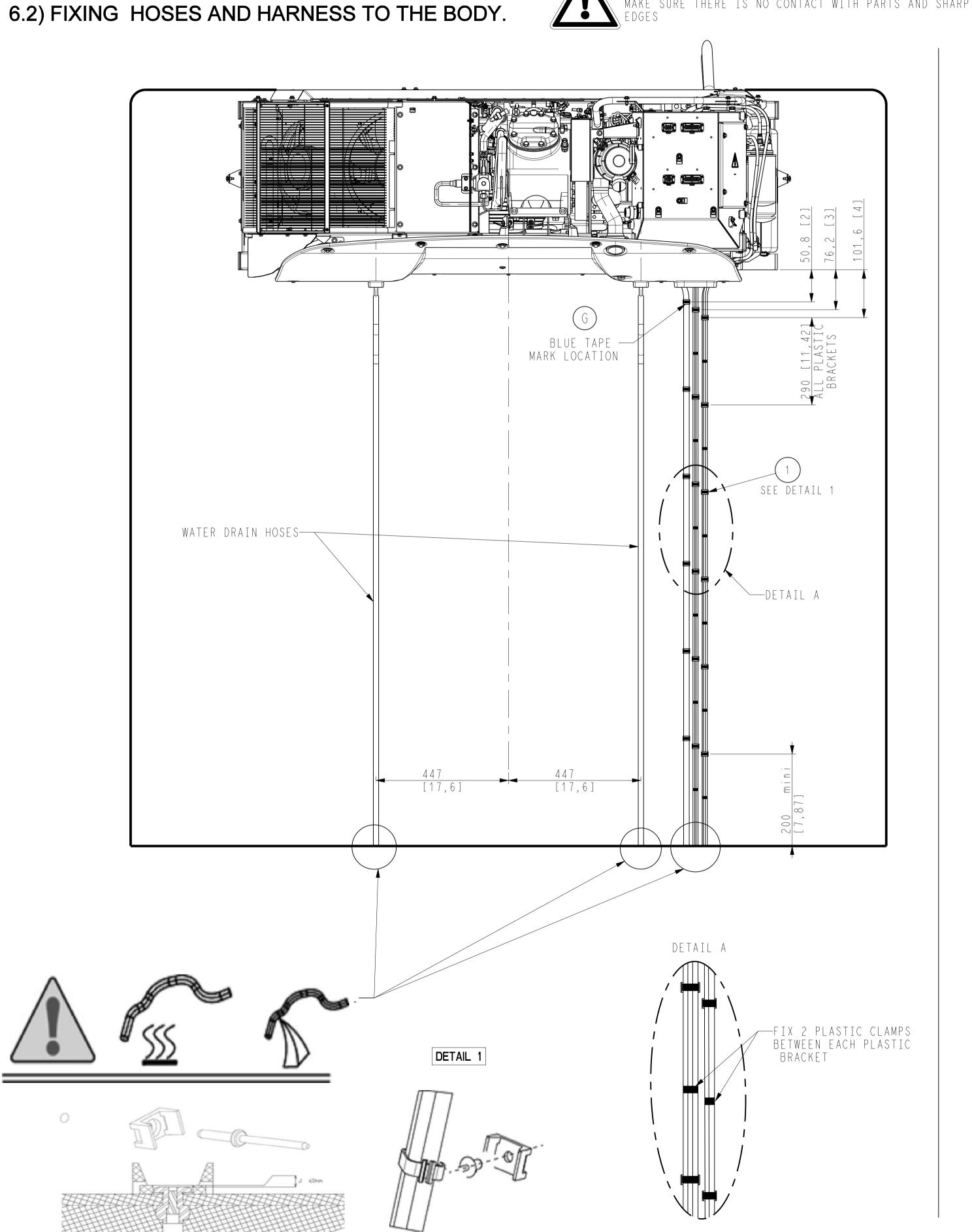
G SHEET UP	DATED, ADDED DETAIL FOR NEW PLATE AND HARNESS ROUTING.	31 MAR 2020	B.BOMBARD			1130870	FIRST ANGLE	UNLESS OTHERWISE SPECIFIED ALL	TITLE	C DE MONTAGE POUR NOTP	DRAWING NO. $98 - 60724$	REV
SYM	REVISION RECORD	DATE	ВҮ	ENGR.	М.Е.	NPCA NO.	PROJECTION	WITH IMPERIAL CONVERSIONS IN [INCHES]	[MOUNTING]	[NSTRUCTIONS FOR NDTP]	SHEET 4	OF 9 G

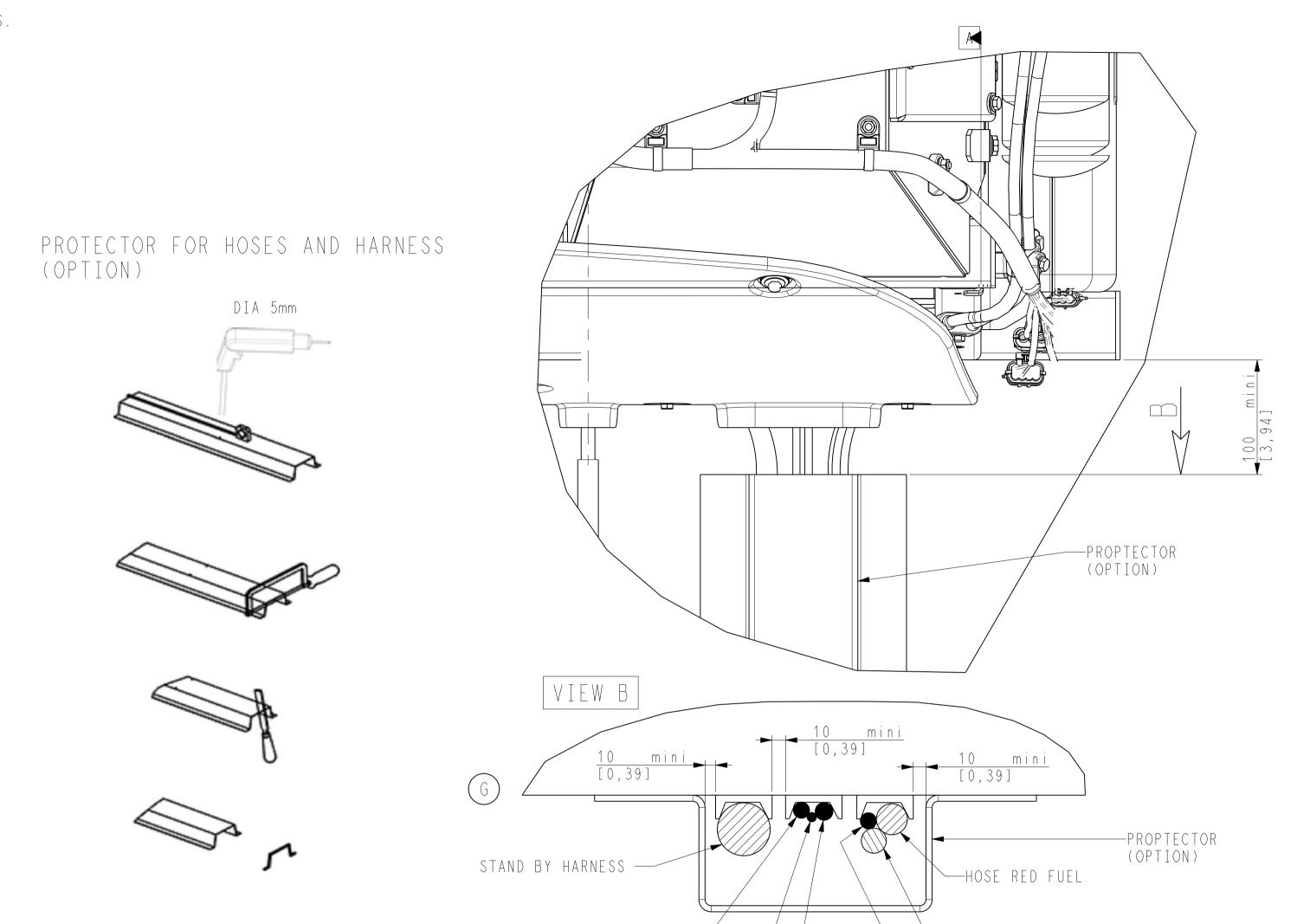


Carrier Transicold Industries 810, route de Paris Boite Postale 16 76520 Franqueville Saint Pierre

France R.C. Rouen 8 410 <u>041</u> <u>677</u>

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





HARNESS B+--

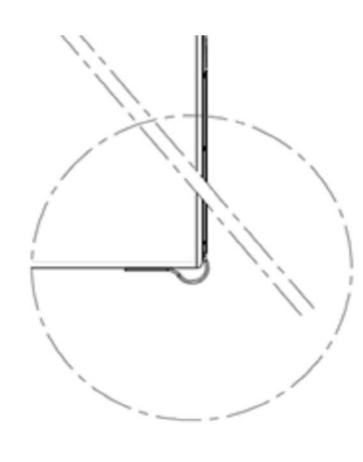
FUEL PUMP HARNESS—

COMMAND CABIN HARNESS—

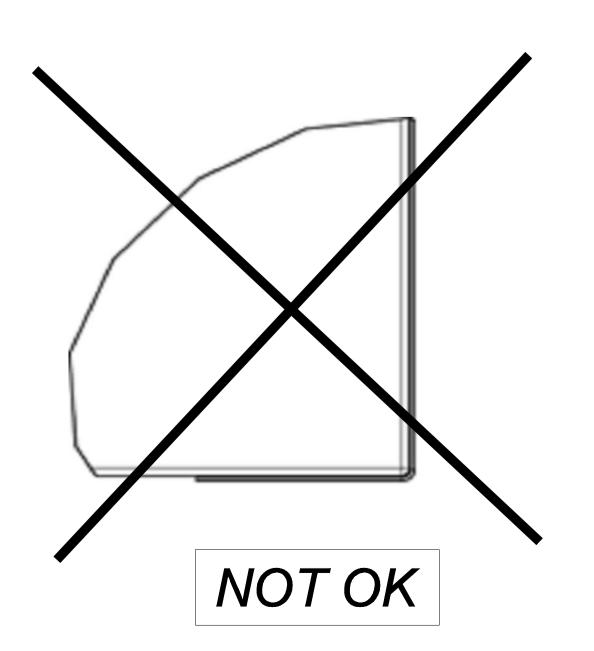
### 6.4) FIXING BRACKET HOSES AND HARNESS UNDER BODY.



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



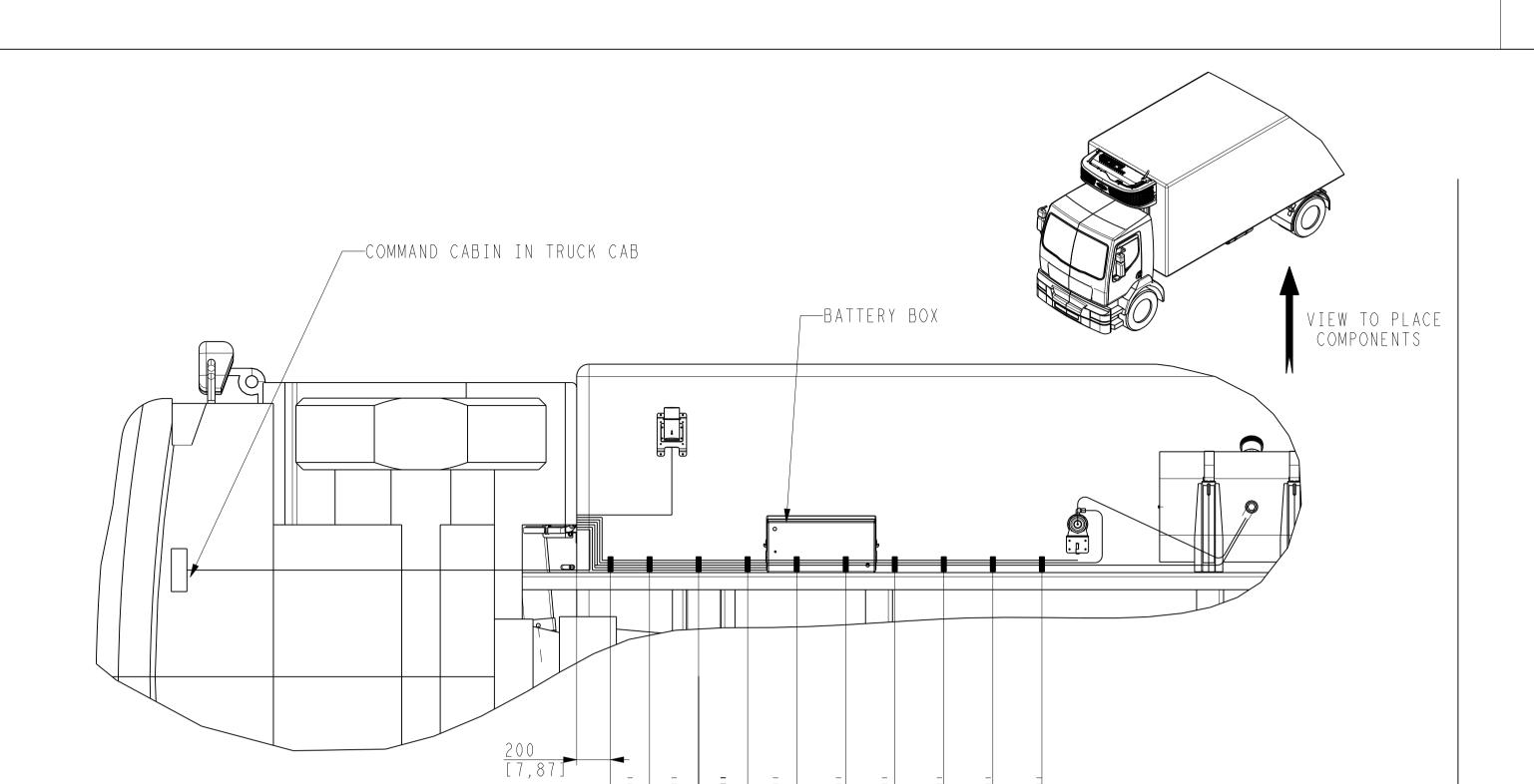
OK



(	UPDATED FIXING HOSES & HARNESS DETAIL.	31 MAR 2020 B.BOMBARD	1130870 FIRST ANGLE	UNLESS OTHERWISE SPECIFIED ALL	TITLE  TNISTRUCTIONS DE MONTAGE POUR NOTP	DRAWING NO. $98-60724$
S	M REVISION RECORD	DATE BY ENGR.	M.E. NPCA NO. PROJECTION	WITH IMPERIAL CONVERSIONS IN [INCHES]	INSTRUCTIONS DE MONTAGE POUR NDTP [SINGLE TEMP INSTALLATION INSTRUCTION]	SHEET 5 OF 9 G
					D D A W	INC. CLACCIFICATION. HC

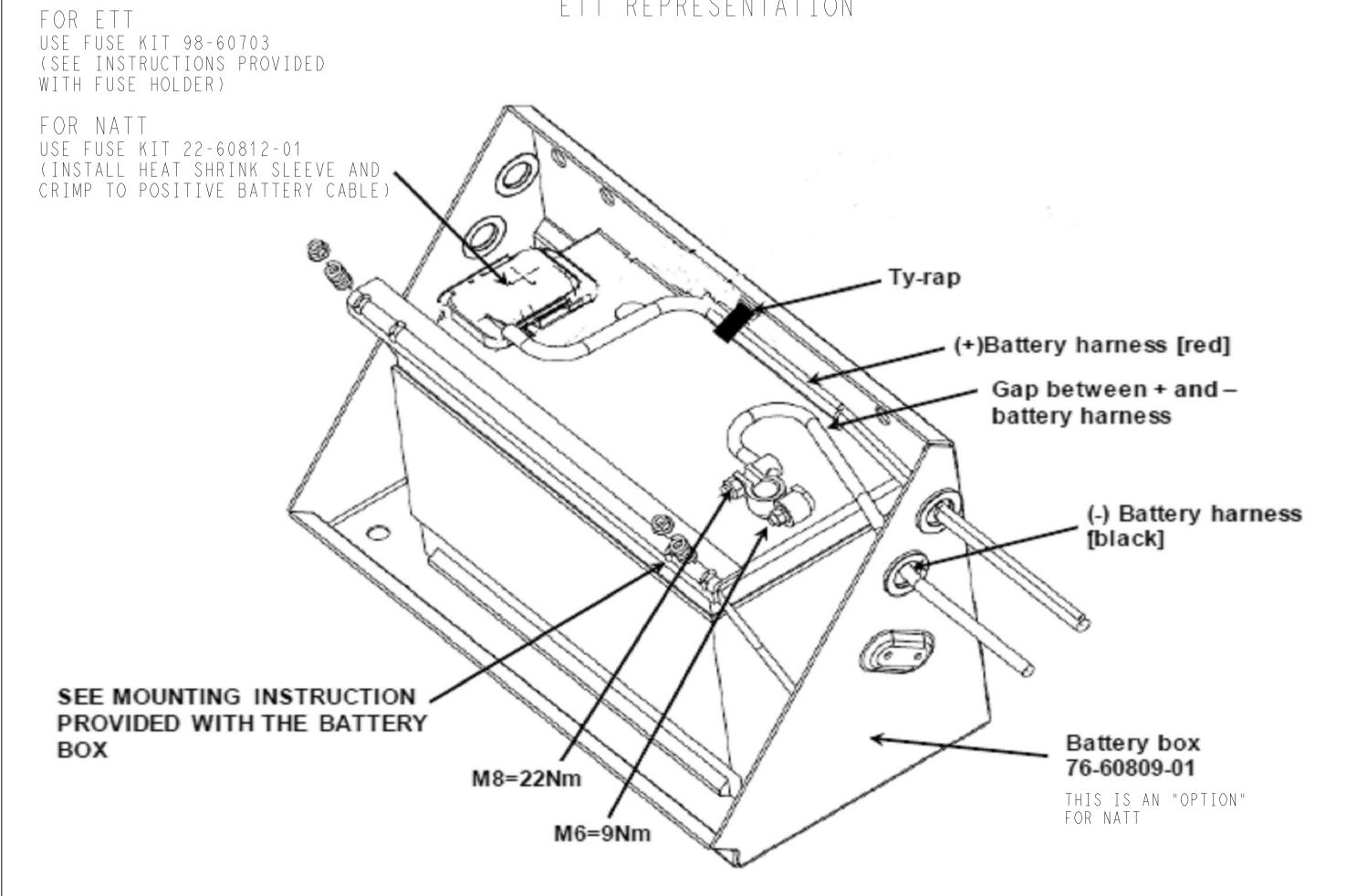
HARNESS B-

—HOSE BLACK FUEL



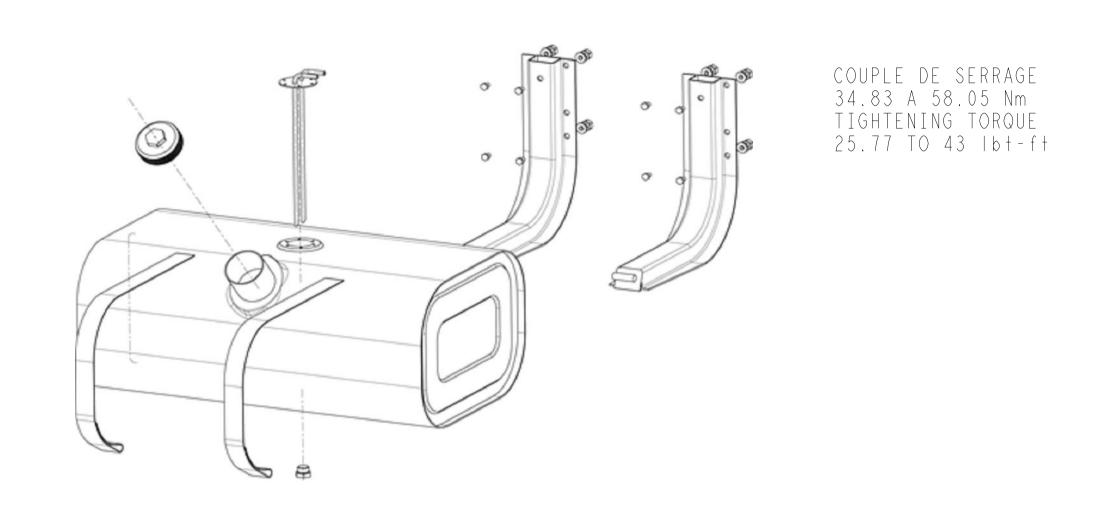
# **BATTERY CONNEXION**

ROUTING HARNESS BATTERY: ETT REPRESENTATION

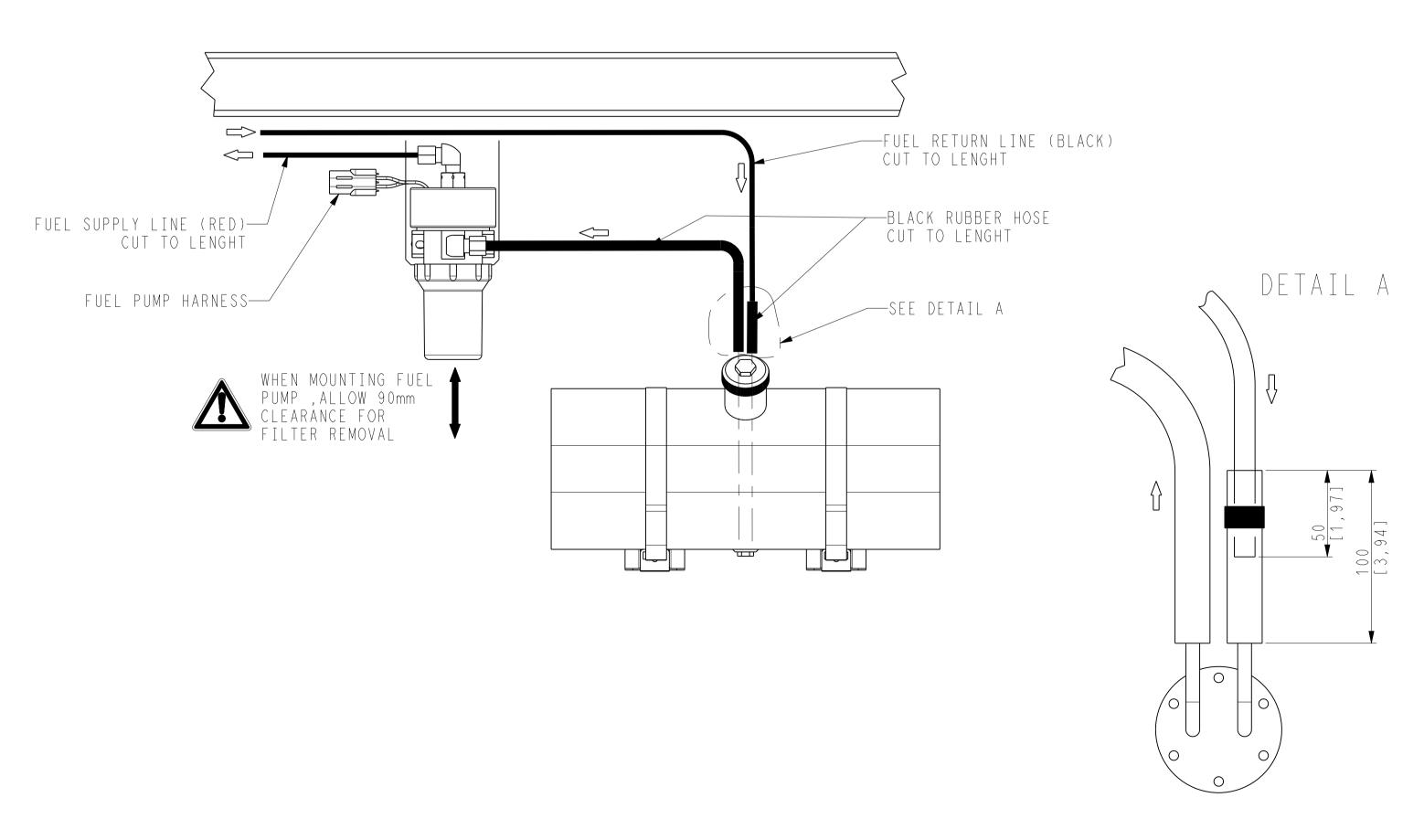




#### 8.1) TANK ASSEMBLY:



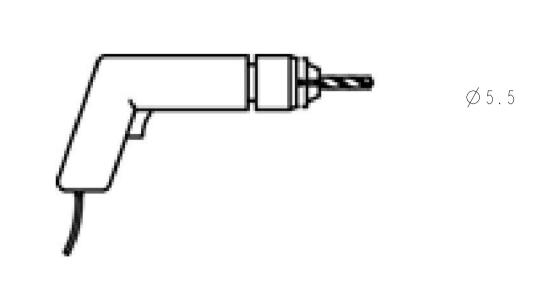
# **8.2) TANK CONNEXION:**

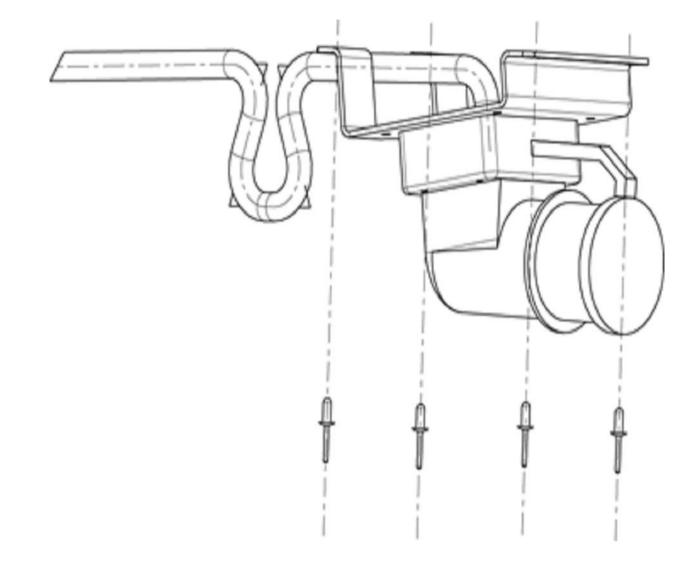


Carrier

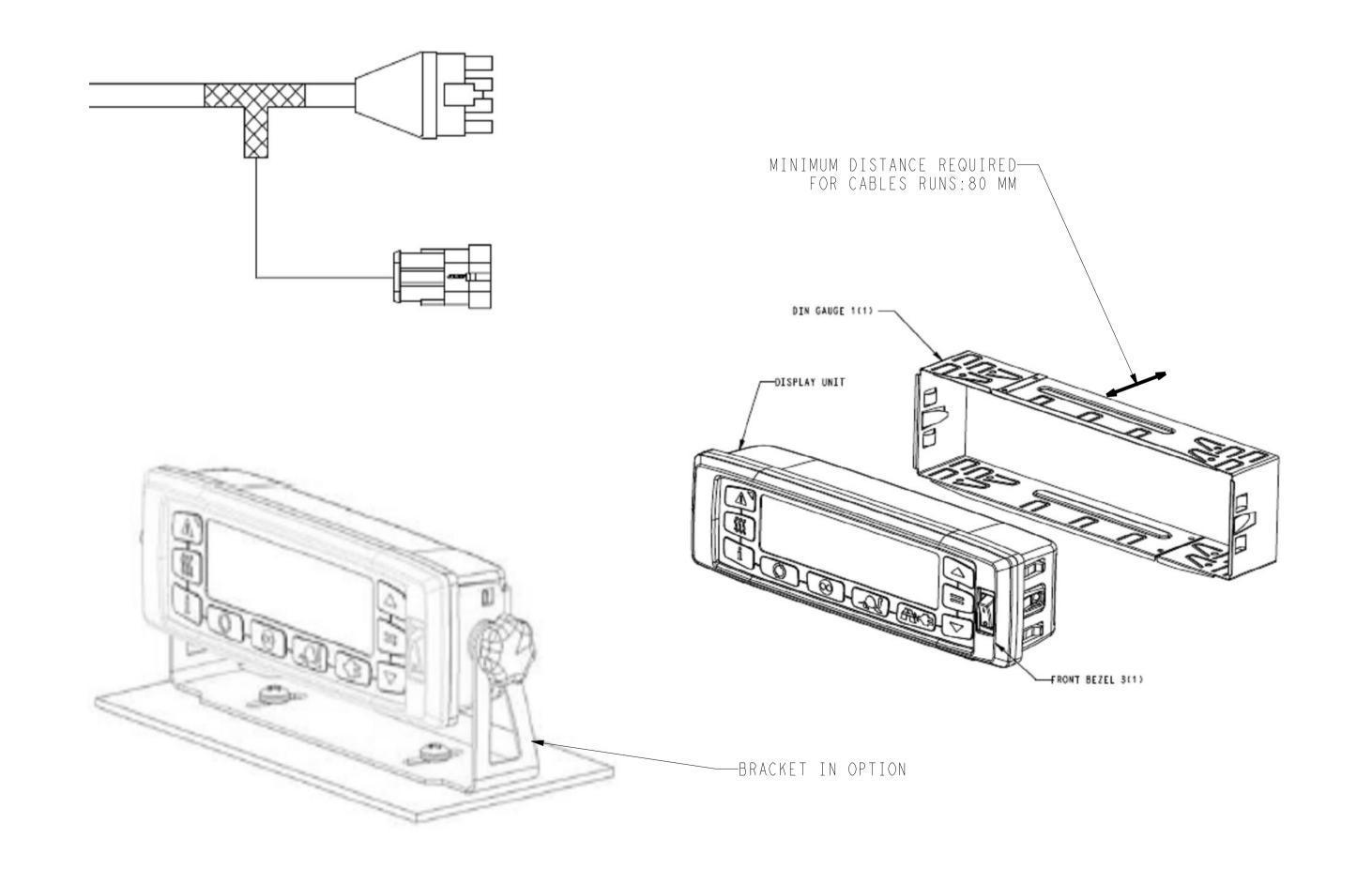
A United Technologies Company

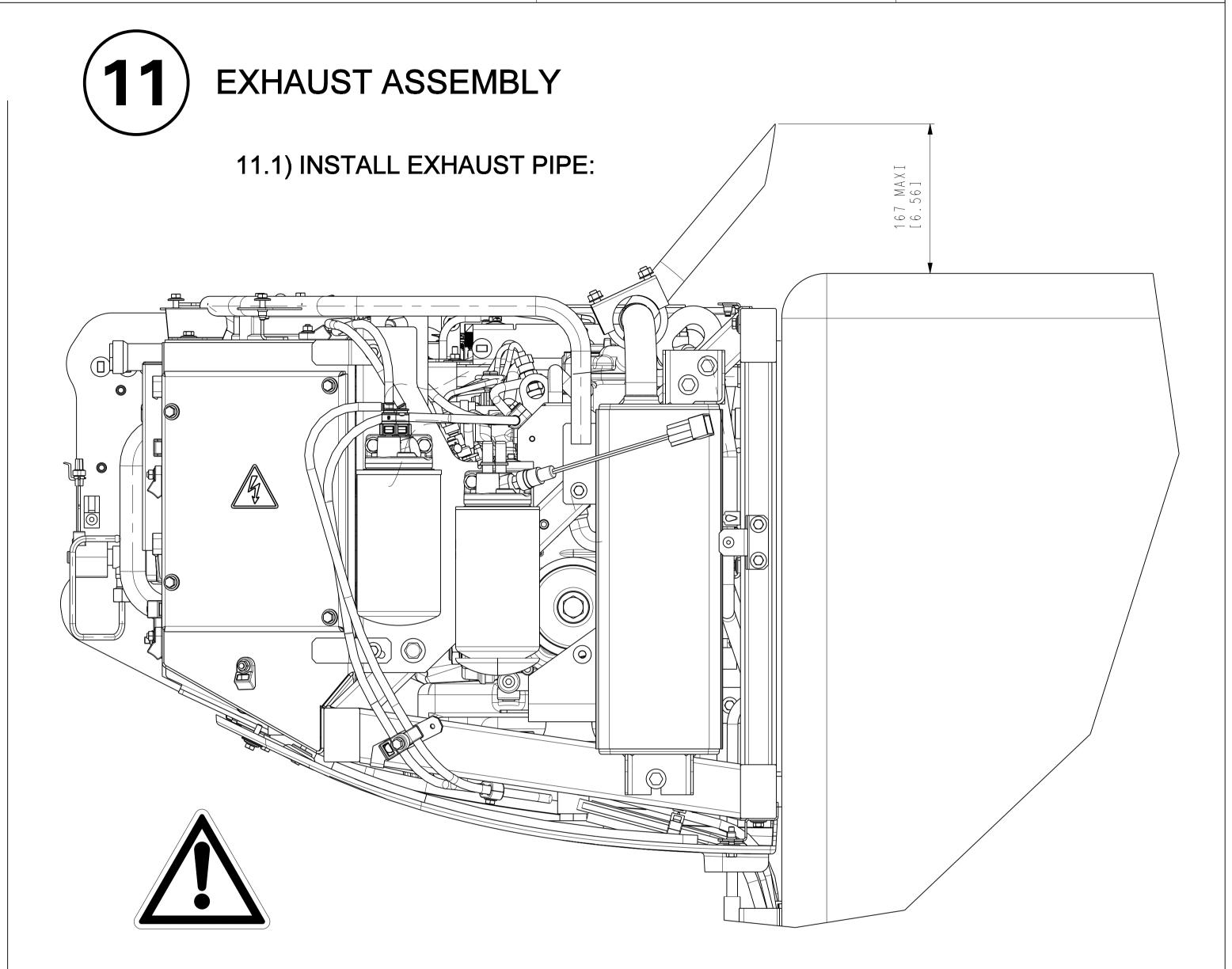




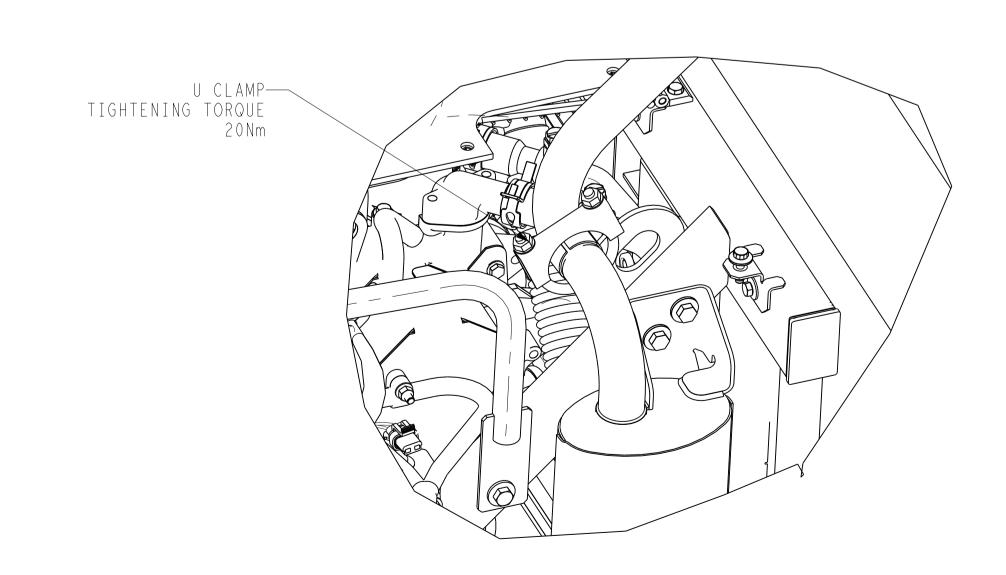


# 10 DISPLAY INSTALLATION





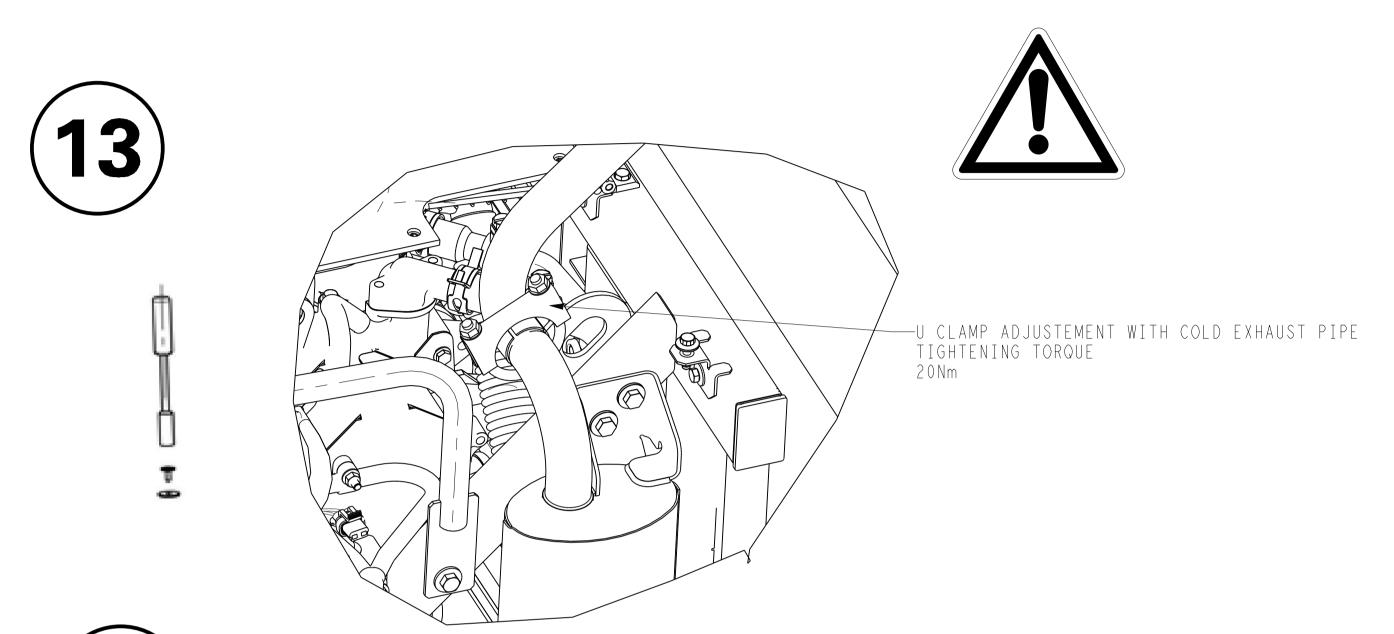
### 11.2) INSTALL U CLAMP TO FIX EXHAUST PIPE:



D UPDATE MOUNTING INSTRUCTIONS	14 JAN 19 LANUZEL	71E0125P17 FIRST ANGLE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS SHOWN ARE IN MILLIMETERS	TNISTRUCTIONS DE MONTAGE POUR NOTP 98-60721 -
SYM REVISION RECORD	DATE BY ENGR.	M.E. NPCA NO. PROJECTION WITH IMPERIAL CONVERSIONS IN [INCHES]	[MOUNTING INSTRUCTIONS FOR NDTP]  SHEET 7 OF 9



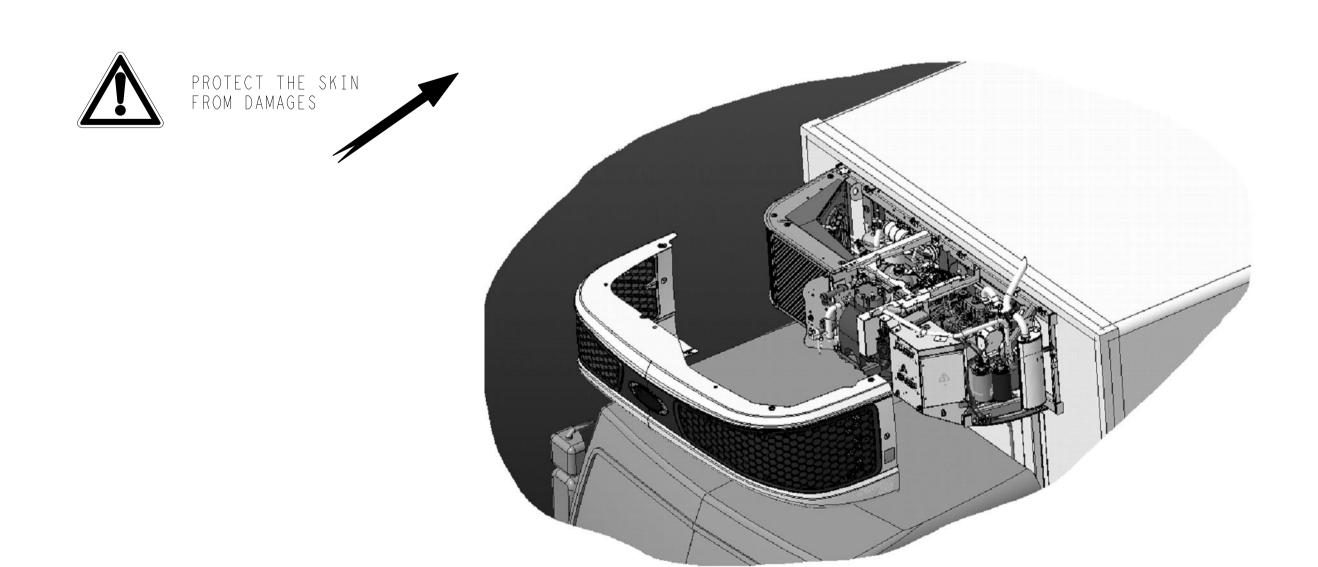
# PERFORM UNIT COMMISSIONING .REFER TO CTE **COMMISSIONNING DOCUMENT**

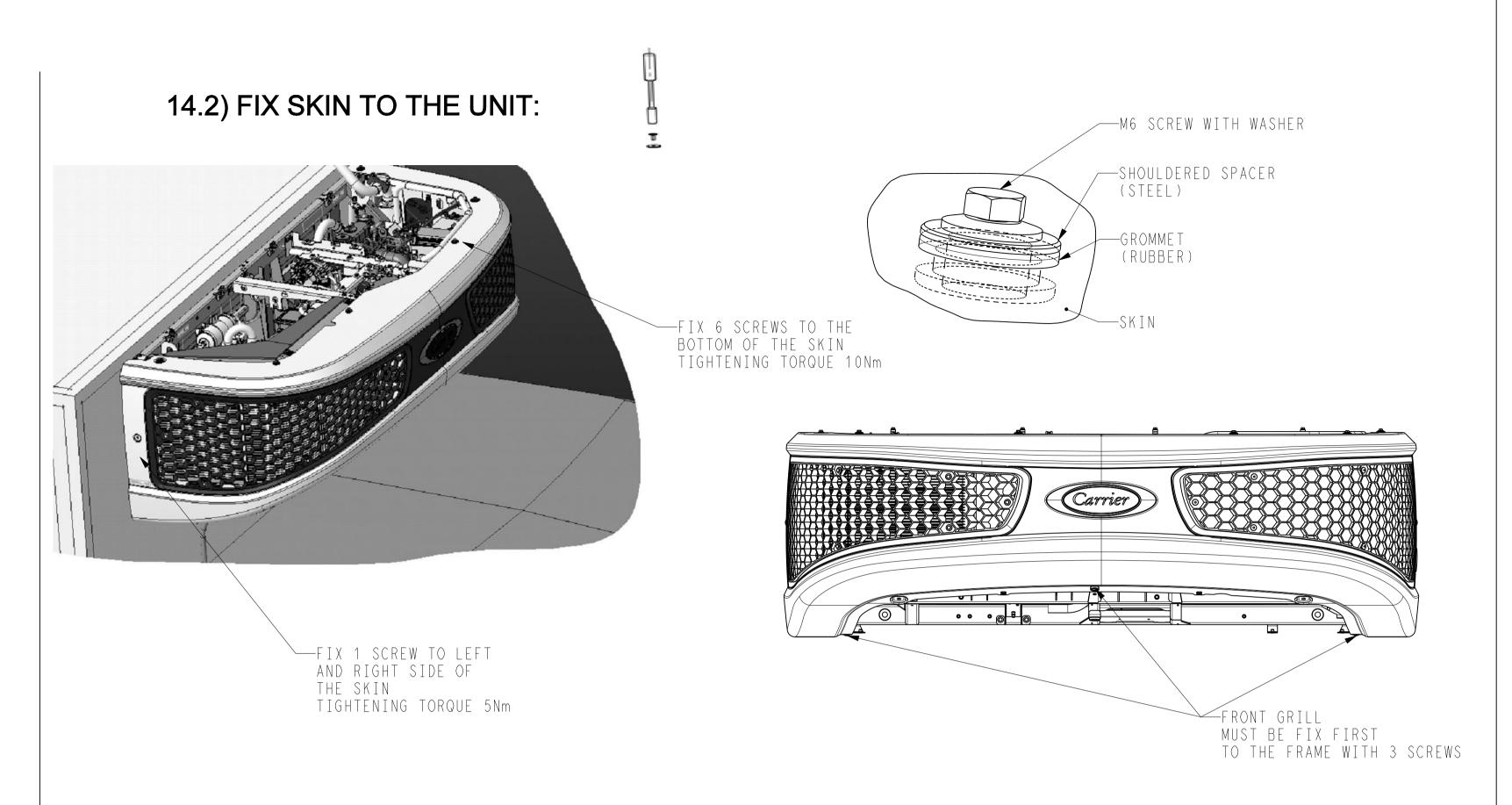


SKIN ASSEMBLY

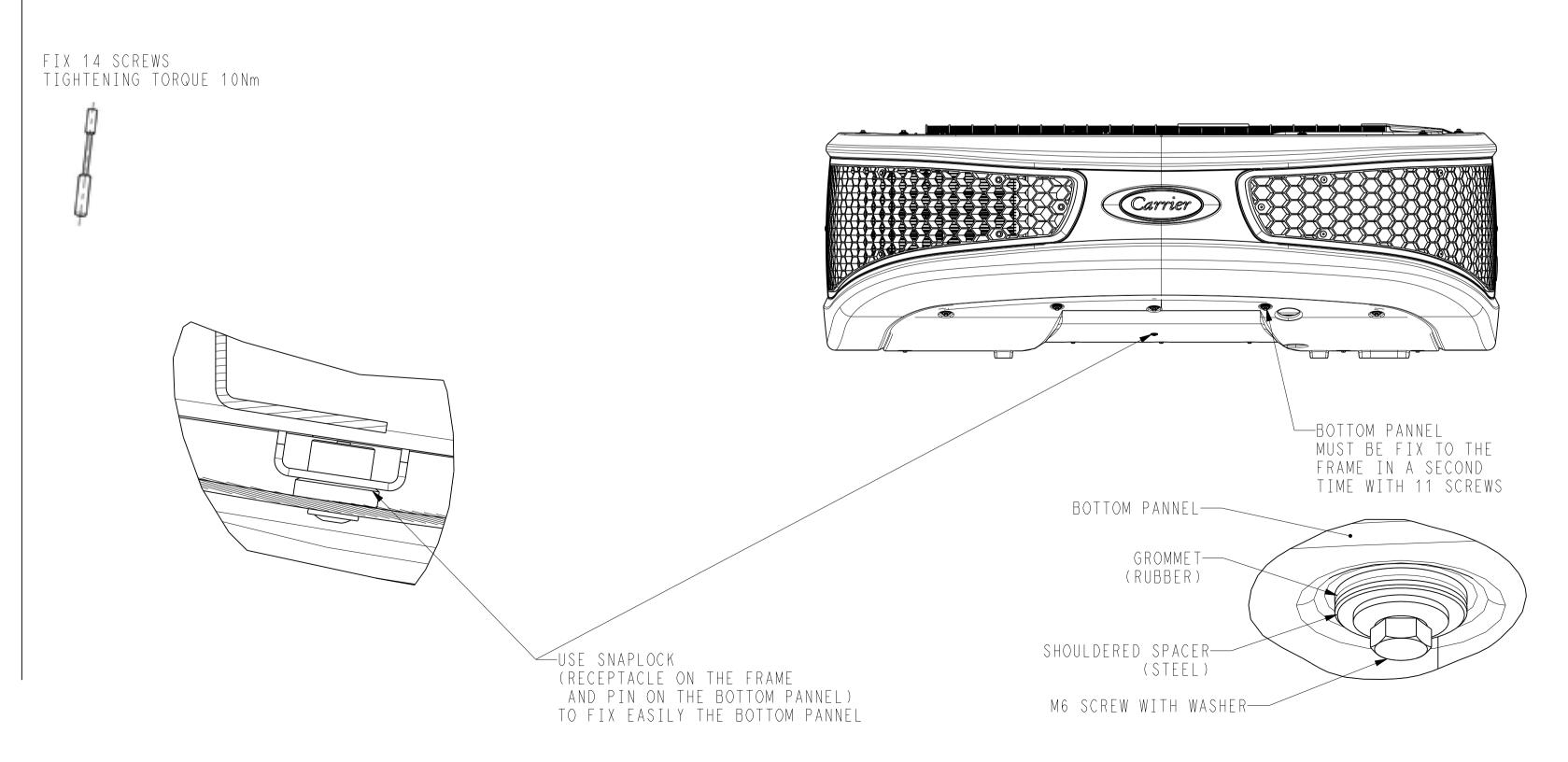
14.1) INSTALL SKIN TO THE UNIT:

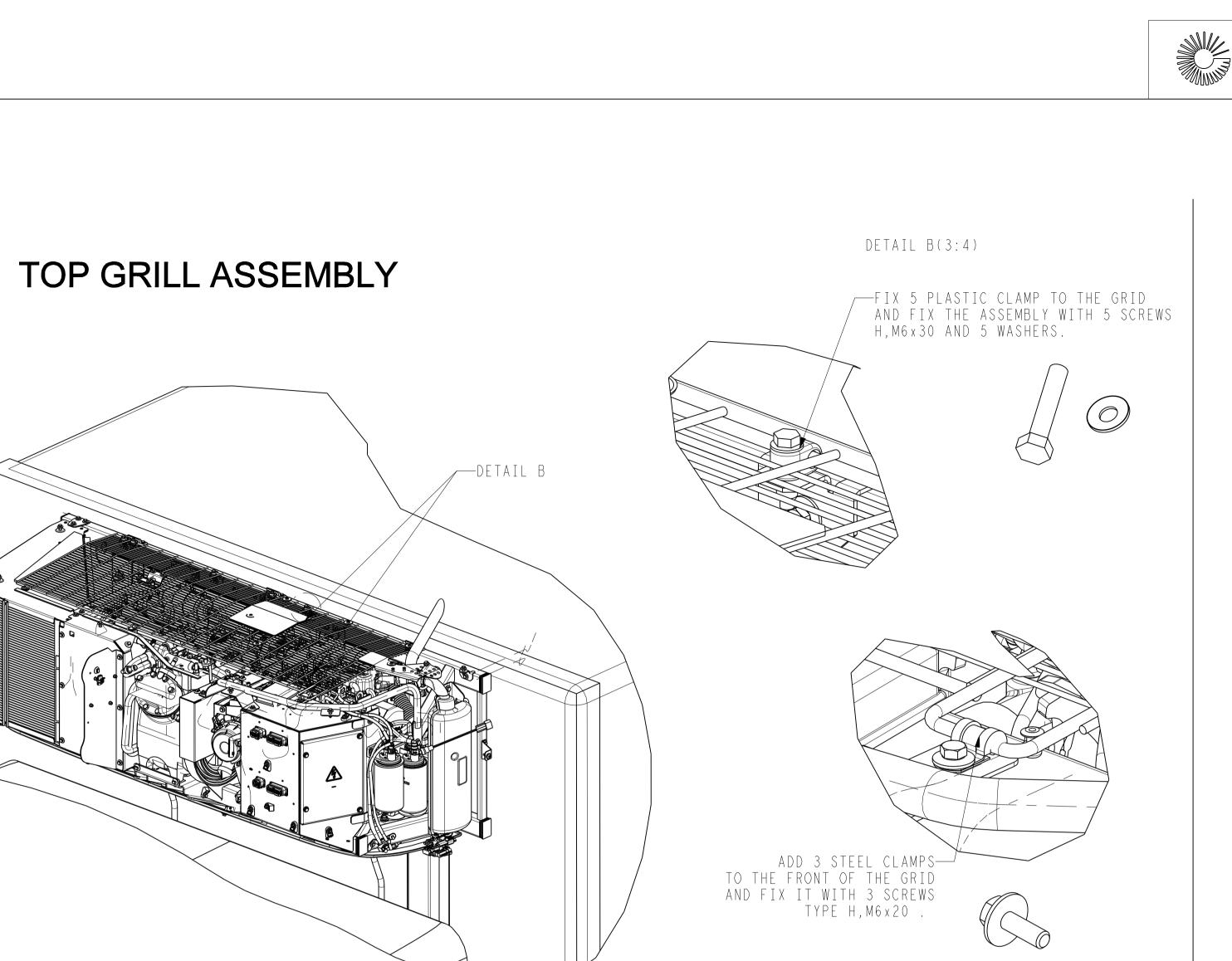


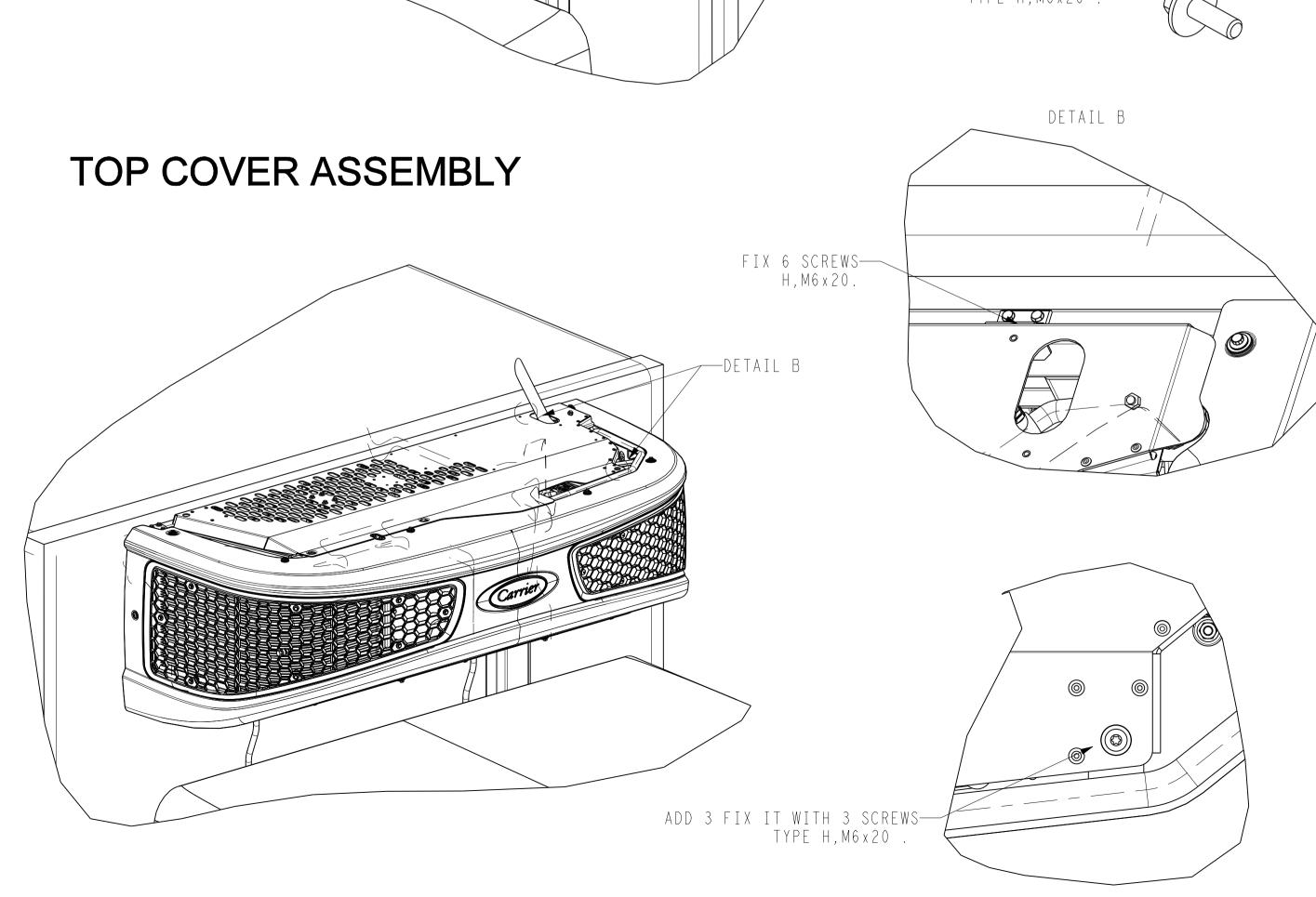




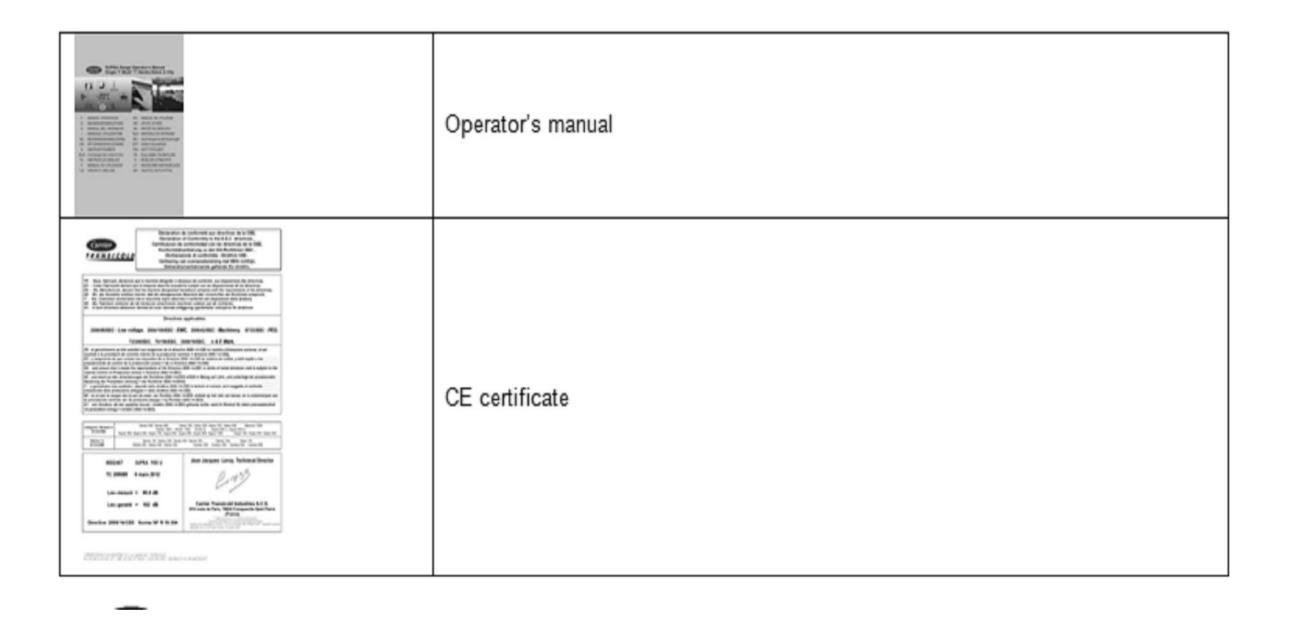
## 14.3) FIX BOTTOM PANNEL TO THE UNIT:



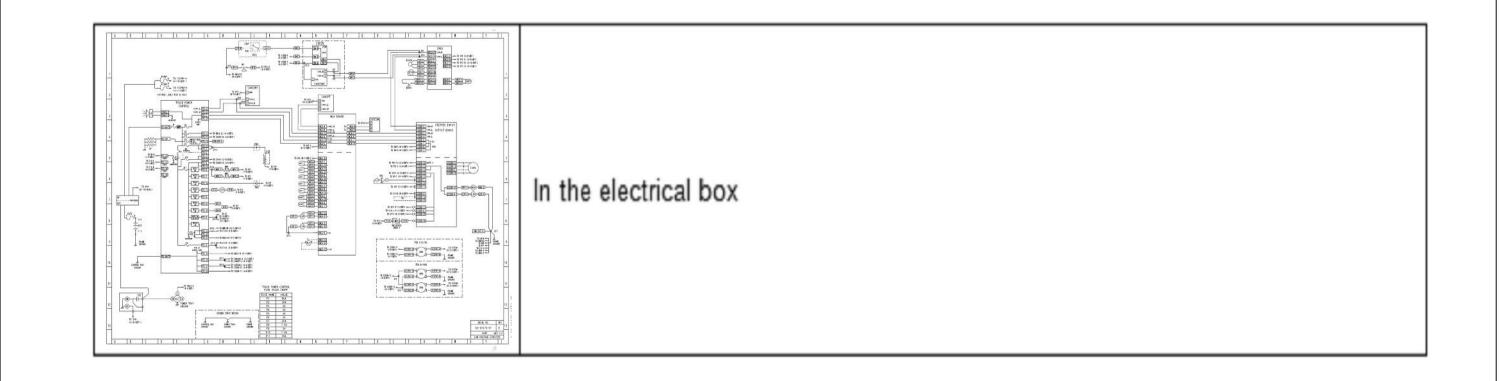








17 ELECTRICAL DRAWING LOCALISATION



A INITIAL RELEASE	05 MAY 2017 LT-GRS	THE TOUR ANGLE TO THE MINE SHOWN ARE IN MILLIMETERS TO THE TOUR OF MONTAGE DOUB NOTE	DRAWING NO. 98-60724
SYM REVISION RECORD	DATE BY ENGR. M.E.	NPCA NO. PROJECTION WITH IMPERIAL CONVERSIONS IN [INCHES] [MOUNTING INSTRUCTIONS FOR NDTP]	SHEET 9 OF 9