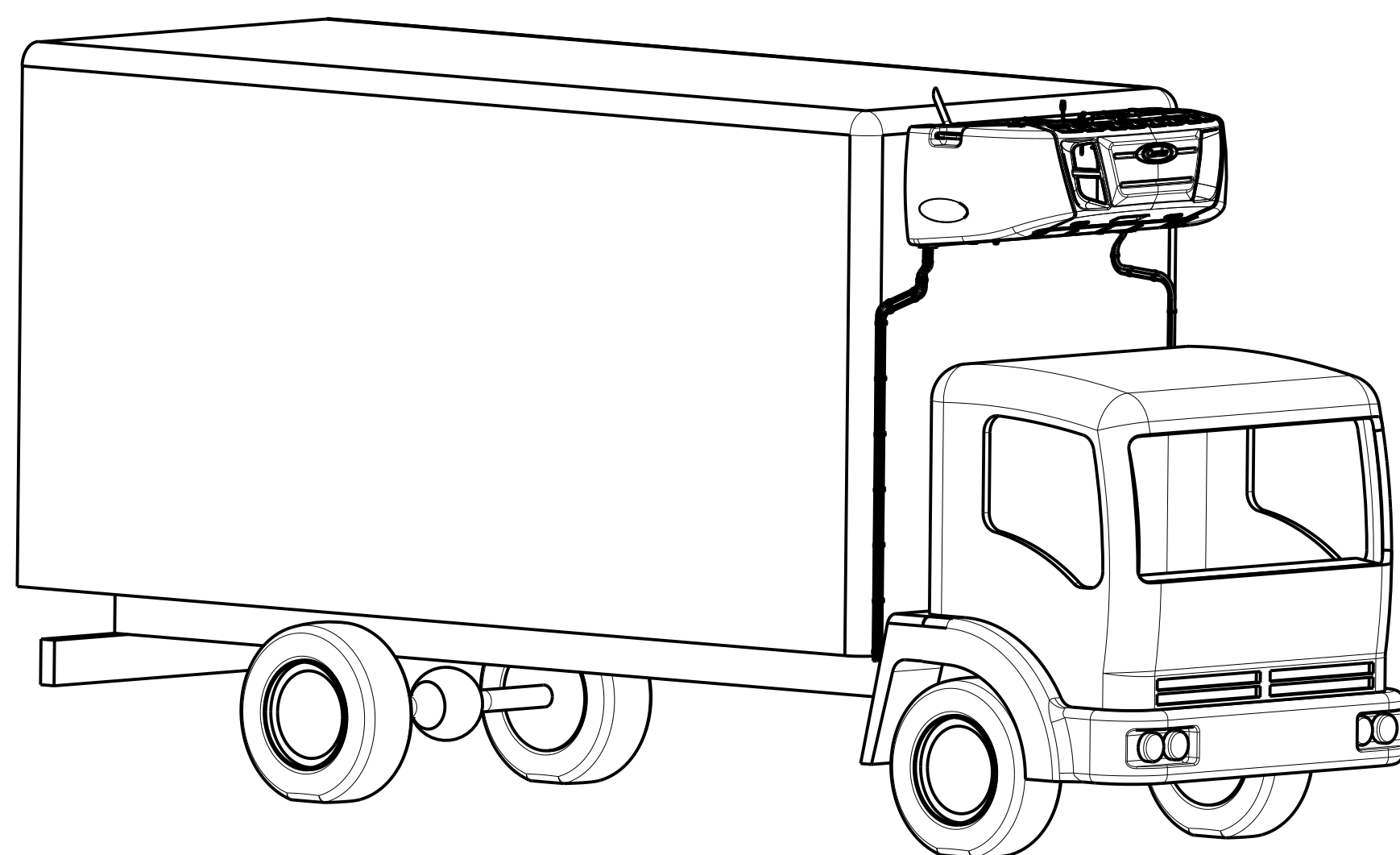


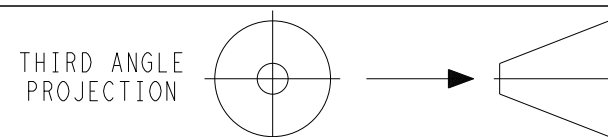
SUPRA MULTI-TEMP HOST UNIT INSTALLATION INSTRUCTIONS



CONTENTS	SHEET
GENERAL INFORMATION	1
BODY PREPARATION	2 THRU 8
UNIT DIMENSIONAL DATA - SUPRA 950 MULTI-TEMP	3
UNIT INSTALLATION	4, 5
CAB COMMAND INSTALLATION	6, 7
ELECTRICAL & FUEL LINES (UNIT)	8
STANDBY POWER RECEPTACLE & CAB COMMAND CABLE	9
FUEL PICK-UP TUBE INSTALLATION	10
ELECTRICAL & FUEL LINE (FUEL TANK)	11
TOP PANEL (OPTIONAL) & BOTTOM PANEL (STANDARD) MOUNTING	12
BATTERY CABLE & MP+ CABLE TERMINATION	13

SHEET INDEX	REV	B	-	-	-	A	-	-	-	-	-	-	B
	SHEET	1	2	3	4	5	6	7	8	9	10	11	12

B	VOIDED 98-03369-00 & KIT: 76-00537-27; SUPERSEDED WITH 98-033699-01 (NEW) & 76-00537-XX (NEW); SEE SHT.13	19 JAN 2022	MGC			ECN1152725
A	UPDATED SHEET INDEX, SEE SHEET 5.	23 JUL 2019	LT-RP	RC		72N0242P19
-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE	INSTALLATION INSTRUCTION
-------	--------------------------

DRAWING NO. 98-03369
SHEET 1 OF 13


SUPERSEDES:

PART CLASSIFICATION: US EAR99



WARNING

READ ALL INSTRUCTIONS PRIOR TO INSTALLATION

- 1.0 INSTALLATION OF THIS REFRIGERATION UNIT MUST BE PERFORMED BY A QUALIFIED TECHNICIAN.
- 2.0 SAFETY:
- 2.1 PERSONAL PROTECTIVE EQUIPMENT (PPE): BEFORE INSTALLING THIS REFRIGERANT UNIT, ALWAYS USE APPROPRIATE TOOLS THAT ARE IN GOOD WORKING CONDITION AND WEAR PERSONAL PROTECTIVE EQUIPMENT (INCLUDING, BUT NOT LIMITED TO THE ITEMS SHOWN BELOW).
- 
- 2.2 RISKS: BE AWARE OF YOUR ENVIRONMENT AND SURROUNDINGS. FOLLOW ALL LOCK OUT / TAG OUT PROCEDURES ON ALL EQUIPMENT INVOLVED IN THE INSTALLATION INCLUDING THE UNIT ITSELF. MAKE CERTAIN ALL TOOLS AND EQUIPMENT ARE APPROPRIATE FOR THE JOB BEING COMPLETED, AND ARE IN GOOD CONDITION.
- 2.3 UNIT HANDLING: UNIT LIFTING SPREADER BAR TO BE SUPPLIED BY THE INSTALLER. CENTER OF GRAVITY AND UNIT WEIGHTS ARE PROVIDED ON THE FOLLOWING PAGES.
- 3.0 BATTERY:
- 3.1 IN ORDER TO AVOID POTENTIAL ELECTRICAL CHARGING SYSTEM PROBLEMS, IT IS CARRIER TRANSICOLD'S RECOMMENDATION THAT EACH SUPRA TRUCK REFRIGERATION UNIT BE INSTALLED WITH ITS OWN INDIVIDUAL BATTERY AND IF NECESSARY, WITH ITS OWN BATTERY BOX. THE REFRIGERATION UNIT'S ELECTRICAL SHOULD REMAIN SEPARATE FROM THE TRUCK'S ELECTRICAL SYSTEM, AND BATTERIES. BATTERY BOX ASSEMBLIES ARE AVAILABLE THROUGH THE PURCHASED PARTS GROUP (PPG).
- 3.2 THESE UNITS ARE DESIGNED FOR 12 VOLT DC BATTERIES, NEGATIVE GROUND ONLY. RECOMMENDED BATTERY TO BE A GROUP 31 BATTERY AS FOLLOWS:
- A. VENT LOCATION: SIDE VENT.
- B. AMPERAGE RATING: MINIMUM 700 COLD CRANKING AMPS @ 0°F [-18°C] &
MINIMUM 545 COLD CRANKING AMPS @ -20°F [-29°C]
- 3.3 BEFORE PERFORMING ANY WELDING ON THE CHASSIS, DISCONNECT THE BATTERY CABLE FROM THE UNIT AND THE VEHICLE AS WELL. DISCONNECT ALL OTHER ELECTRICAL CONNECTIONS SUCH AS THE ELECTRONIC SYSTEM (MICROPROCESSOR).



INSTALLATION:

- 4.0 THE TRUCK BODY STRUCTURE MUST BE EVALUATED BY THE BODY MANUFACTURER TO DETERMINE ITS ABILITY TO WITHSTAND THE IMPOSED LOADS OVER ITS SERVICE LIFE. THESE GUIDELINES DO NOT CONVEY ENDORSEMENT OR WARRANTY BY CARRIER TRANSICOLD FOR THE STRUCTURAL INTEGRITY OF THE TRUCK BODY.
- 5.0 ROUTE ALL FUEL LINES AND ELECTRICAL CABLE / HARNESSSES IN THE FOLLOWING MANNERS:
- LOW VOLTAGE HARNESSSES MAY BE PASSED THRU METAL OR PLASTIC CONDUIT. MAKE CERTAIN TO PROTECT WIRES FROM CHAFING.
 - THRU FREE SPACE CLAMPED IN SUCH A MANNER AS TO PREVENT PHYSICAL DAMAGE.
 - WITH THE POSITIVE BATTERY CABLE SEPARATE FROM ALL FUEL LINES.
 - AVOID ALL SHARP EDGES THAT COULD RUB THRU HOSES AND/OR HARNESSSES.
 - FOR FUEL LINES AND UNIT DRAIN HOSES: USE SUFFICIENT BEND RADII WHICH WILL ALLOW PROPER FLUID MOVEMENT. AVOID KINKING.

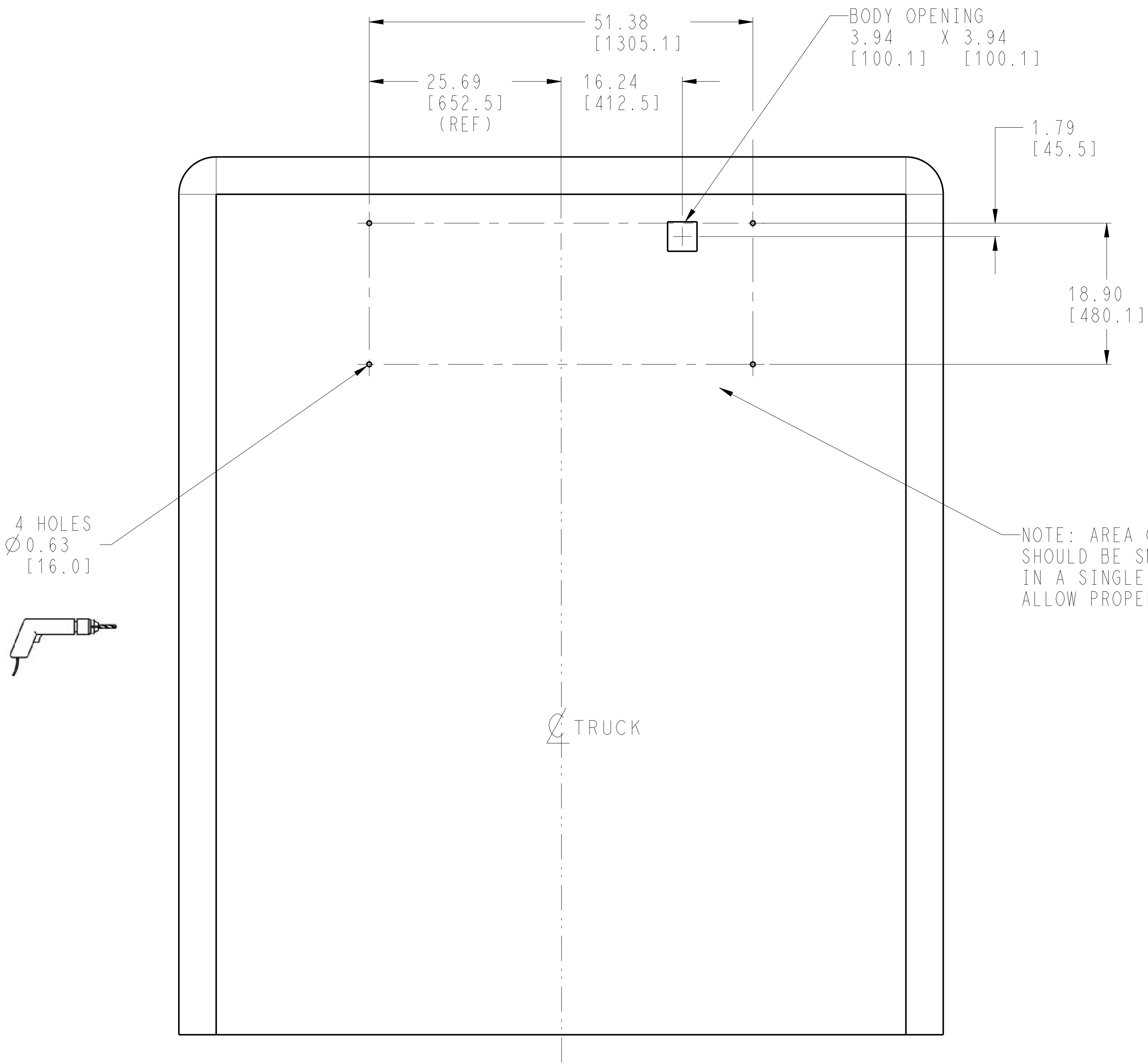
SEE SEPARATE PARTS LIST



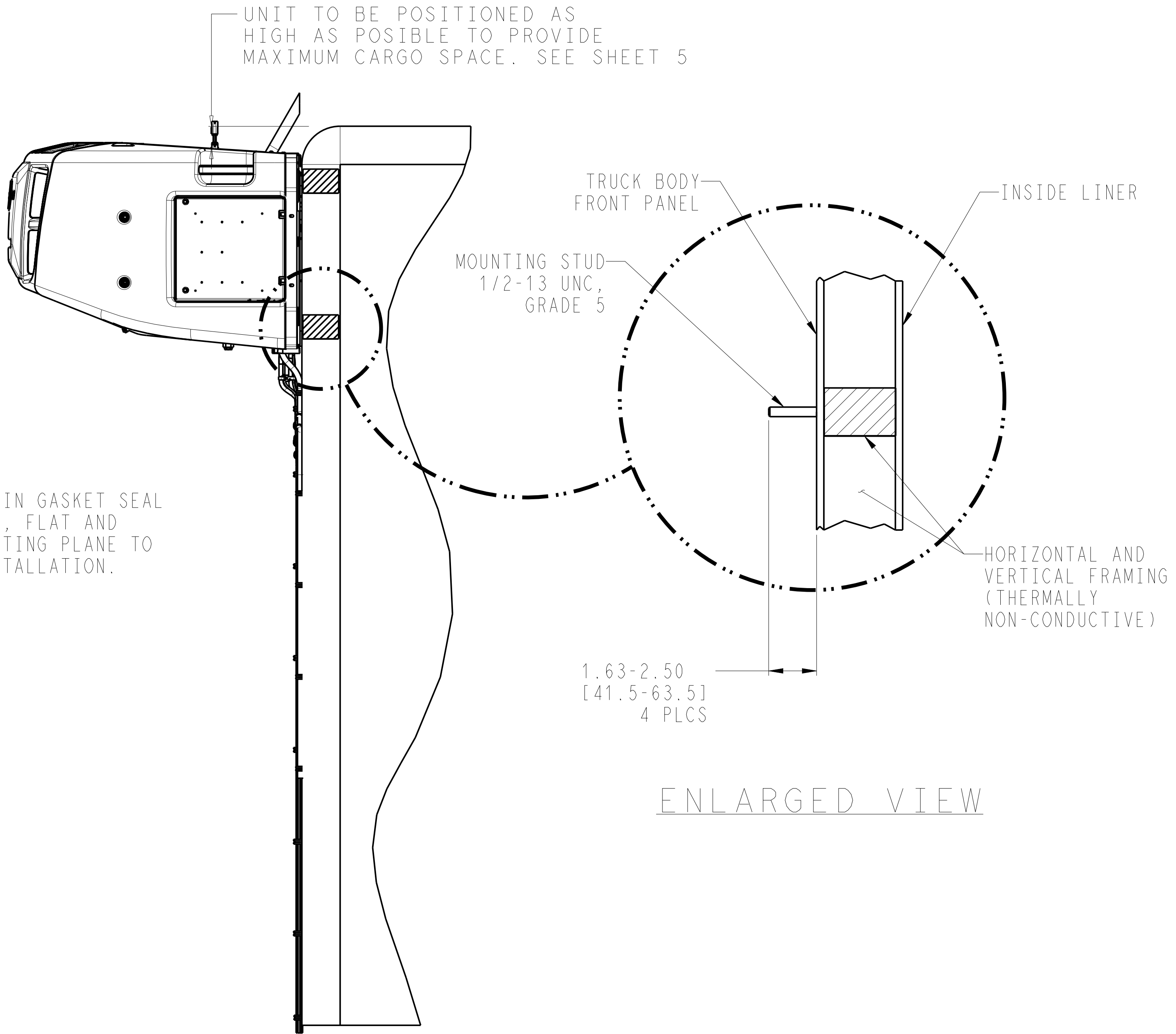
Carrier Transicold Division
Carrier Corporation
P.O. Box 4805
Syracuse, New York 13221

THIS DOCUMENT AND THE INFORMATION CONTAINED THEREIN IS
PROPRIETARY TO CARRIER CORPORATION AND SHALL NOT BE USED
OR DISCLOSED TO OTHERS, IN WHOLE OR IN PART, WITHOUT THE
WRITTEN AUTHORIZATION OF CARRIER CORPORATION.

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



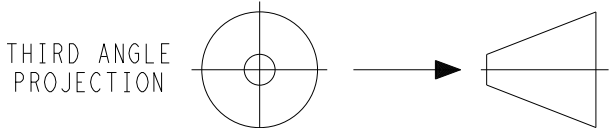
FRONT VIEW



SIDE VIEW

TRUCK BODY PREPARATION

-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE
INSTALLATION INSTRUCTION

DRAWING NO.	REV
98-03369	-
SHEET 2 OF	

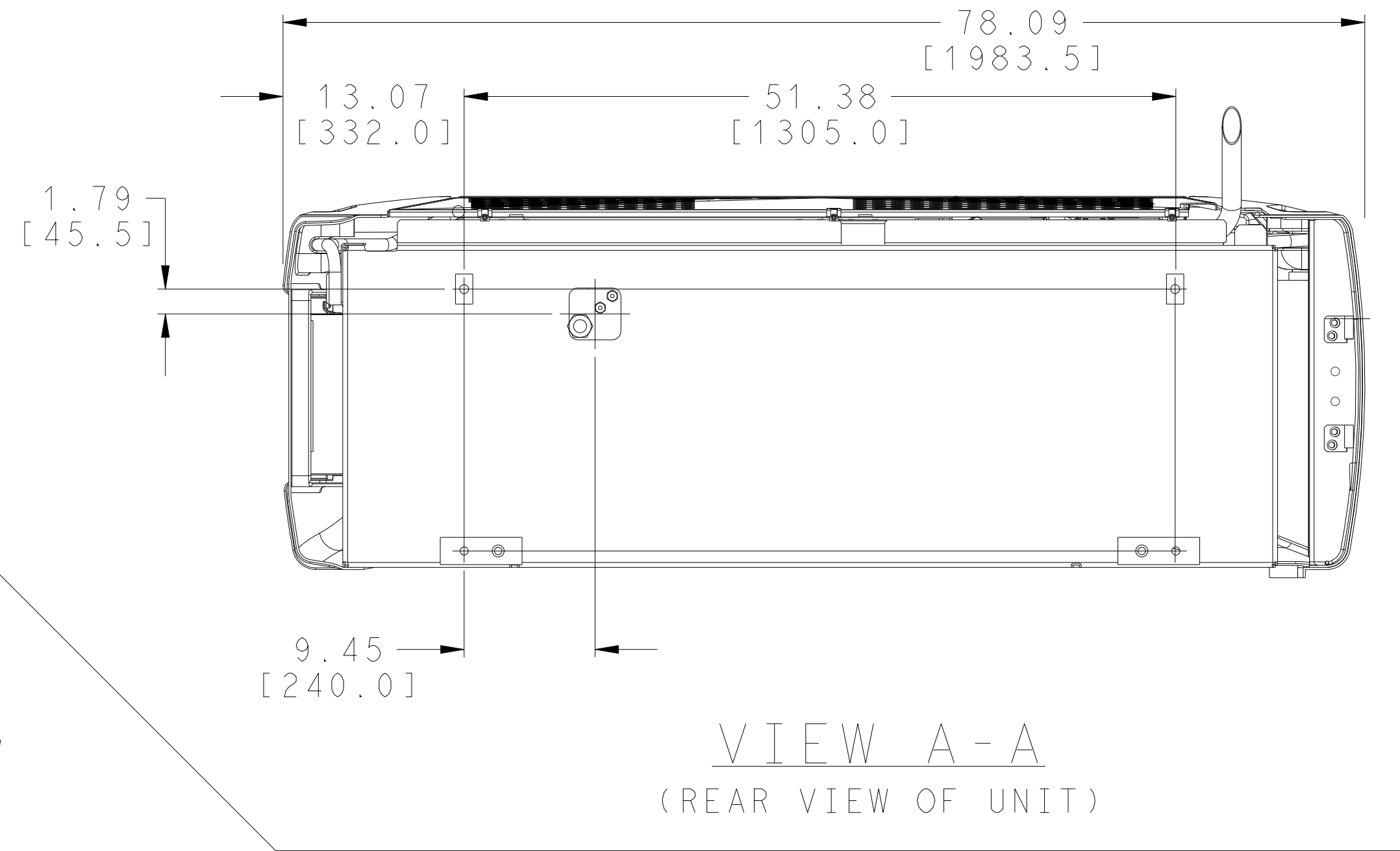
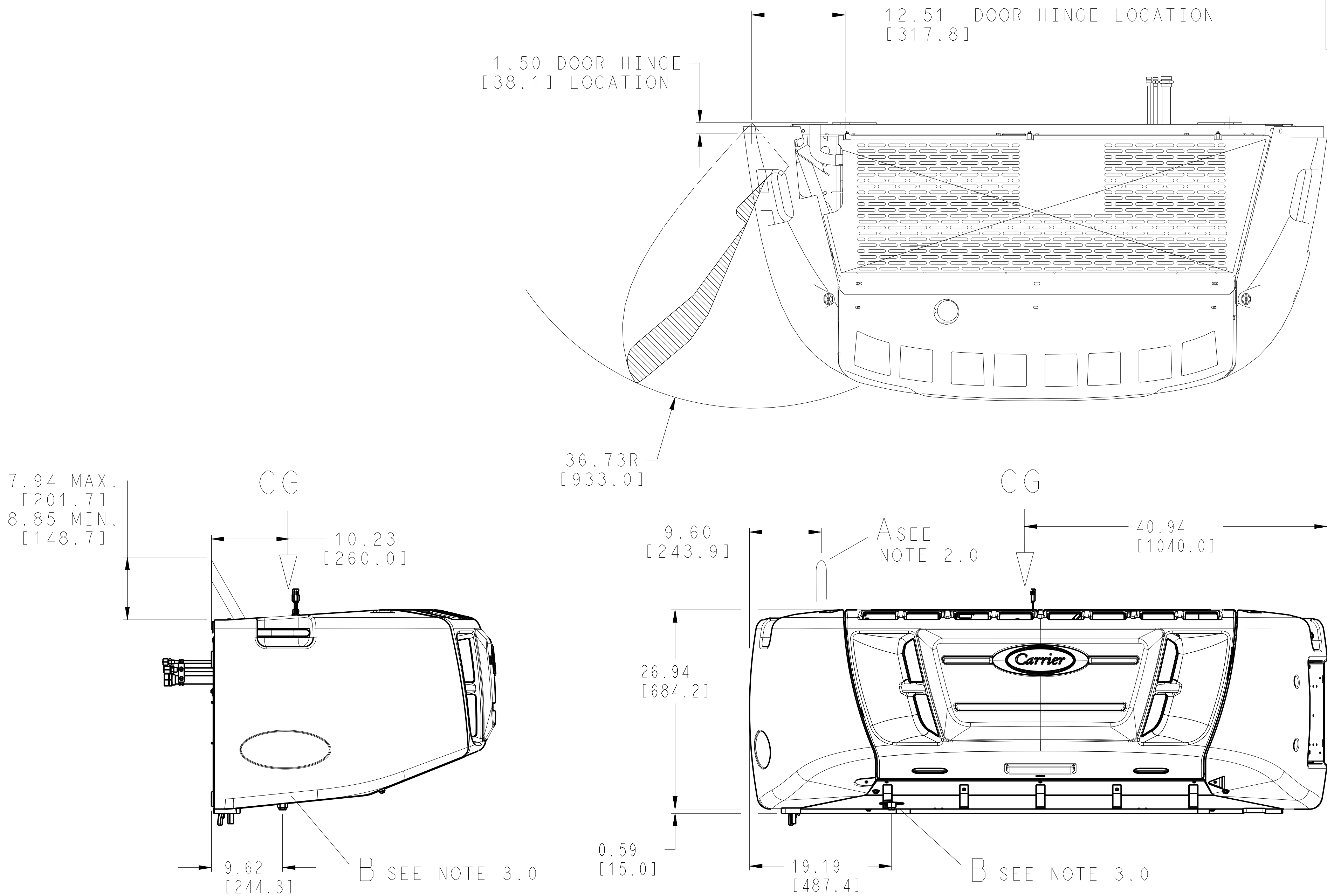
SUPERSEDES: _____

PART CLASSIFICATION: US EAR99

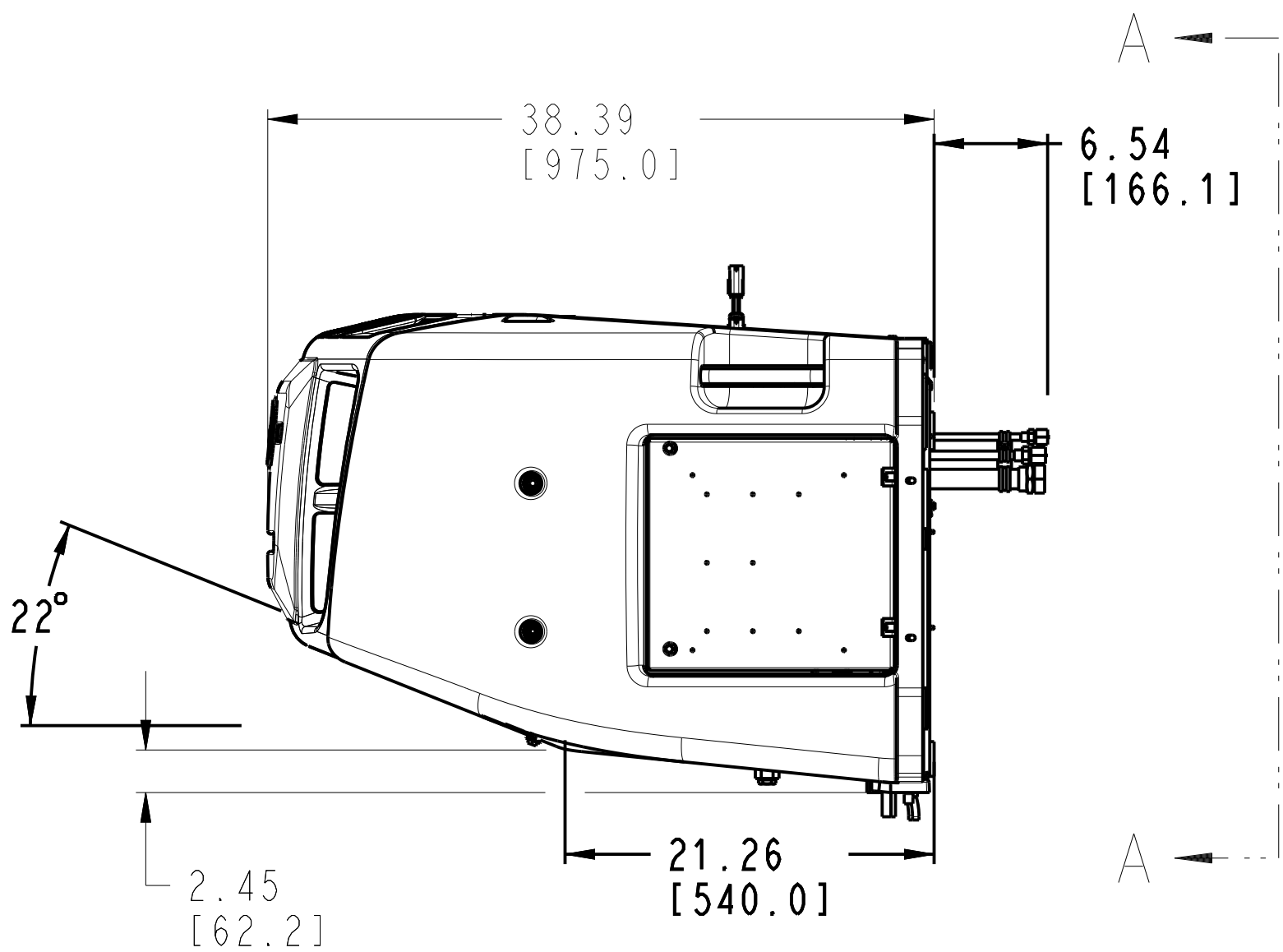
DRAWING CLASSIFICATION: US EAR99

NOTES:

- 1.0 ALL DIMENSIONS SHOWN ARE INCHES, WITH
METRIC CONVERSIONS IN [MILLIMETERS].
- 2.0 A= EXHAUST PIPE
- 3.0 B= OIL DRAIN EXTENSION



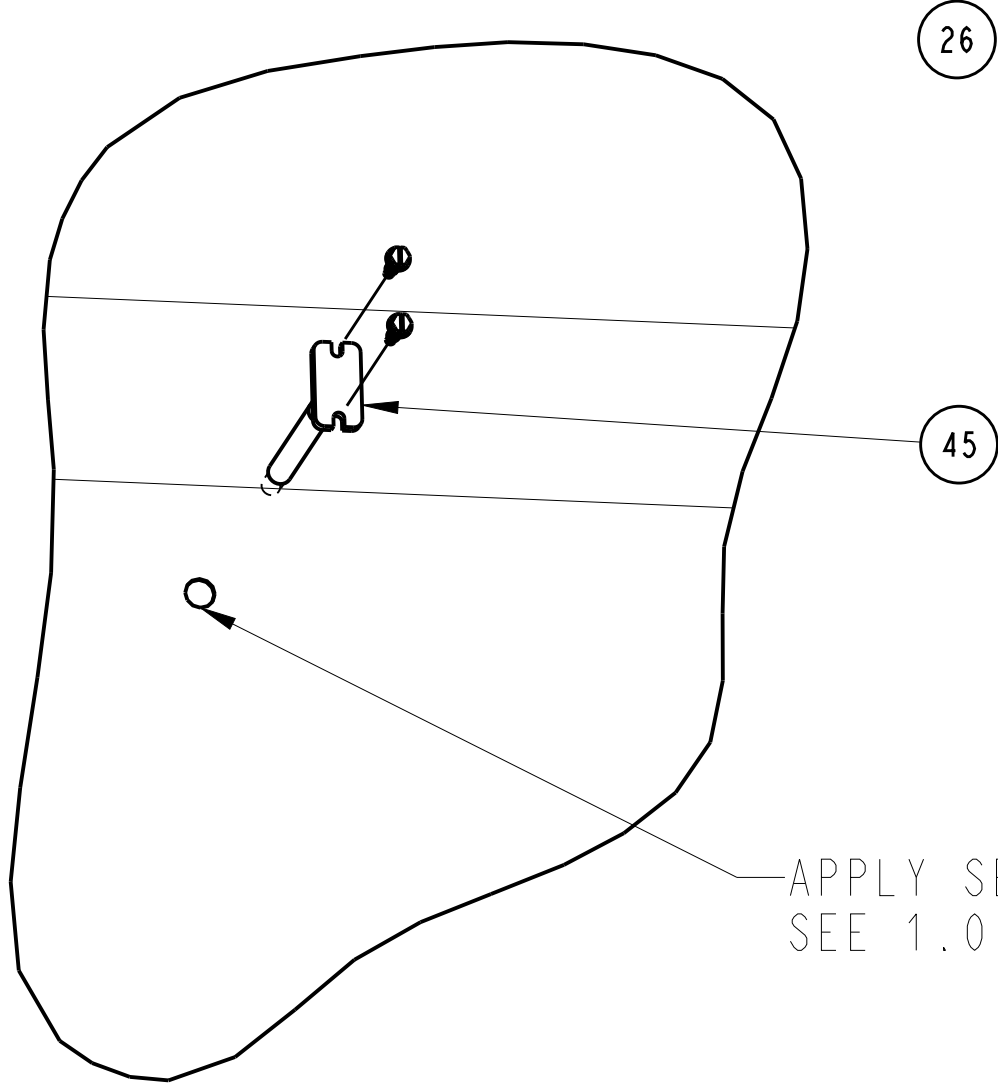
*(WEIGHT INCLUDES WATER, OIL, REFRIGERANT,
ETC.)



UNIT DIMENSIONAL DATA - 950-M/T

-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17	THIRD ANGLE PROJECTION	IMPERIAL INCH FORMAT: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES WITH METRIC CONVERSIONS IN [MILLIMETERS]	TITLE INSTALLATION INSTRUCTION	DRAWING NO. 98-03369 SHEET 3 OF	REV -
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.					

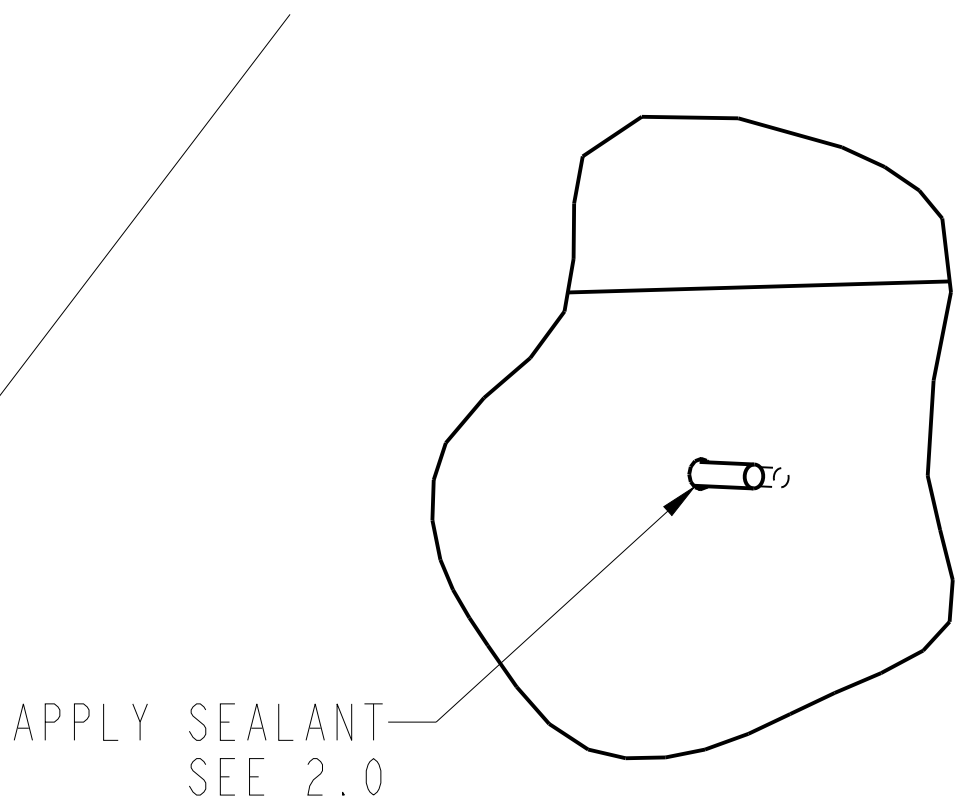
1.0 WORKING FROM THE INSIDE OF THE TRUCK BODY, APPLY SEALANT AROUND EACH MOUNTING HOLE. INSTALL THE 4 TEE BOLTS (ITEM 45) INTO 4 MOUNTING HOLES USING SELF TAPPING SCREWS (ITEM 26) TO SECURE THE TEE BOLTS. MAKE CERTAIN ALL OF THE ABOVE ITEMS ARE SECURED TO THE INTERNAL STRUCTURAL MEMBERS OF THE BODY.



INSIDE TRUCK BODY

2.0 WORKING FROM THE OUTSIDE OF THE TRUCK BODY, APPLY SEALANT AROUND EACH TEE-BOLT. MAKE CERTAIN THE THREADS OF EACH TEE-BOLT (ITEM 45) REMAIN CLEAN AND FREE OF SEALANT. FAILURE TO KEEP THREADS CLEAN WILL AFFECT UNIT MOUNTING TORQUE VALUES.

3.0 ADJUST (CUT) EACH TEE-BOLT (ITEM 45) SEE SHEET 2.

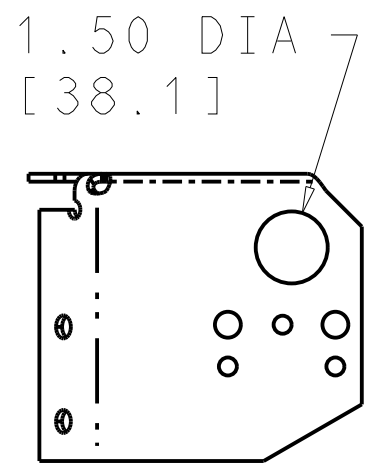


OUTSIDE TRUCK BODY

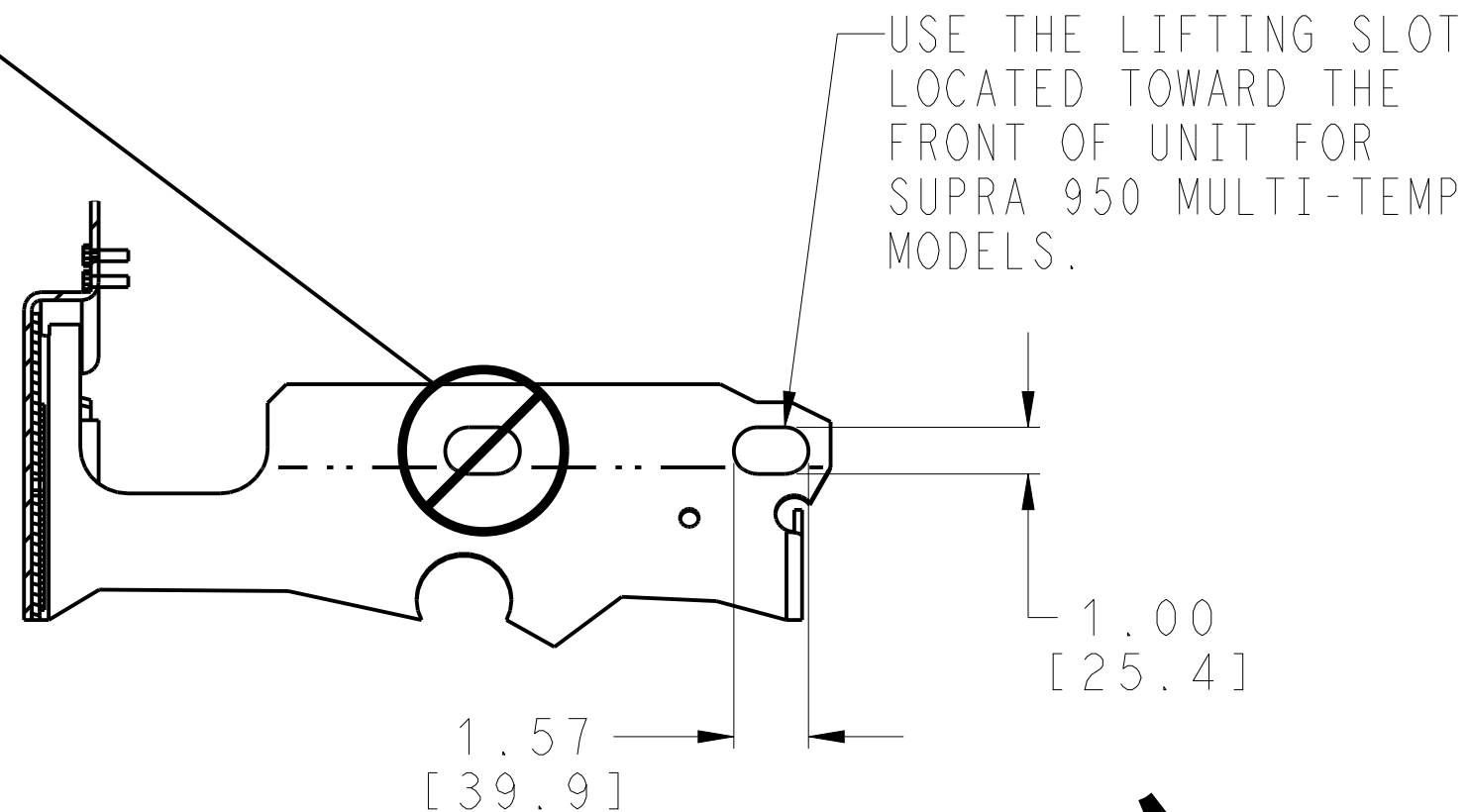
4.0 PREPARE THE UNIT FOR INSTALLATION:

4.1 TO AVOID DAME TO THE UNIT DOORS, AND TO GAIN BETTER ACCESS FOR MOUNTING THE UNIT, REMOVE THE DOORS AS SHOWN.

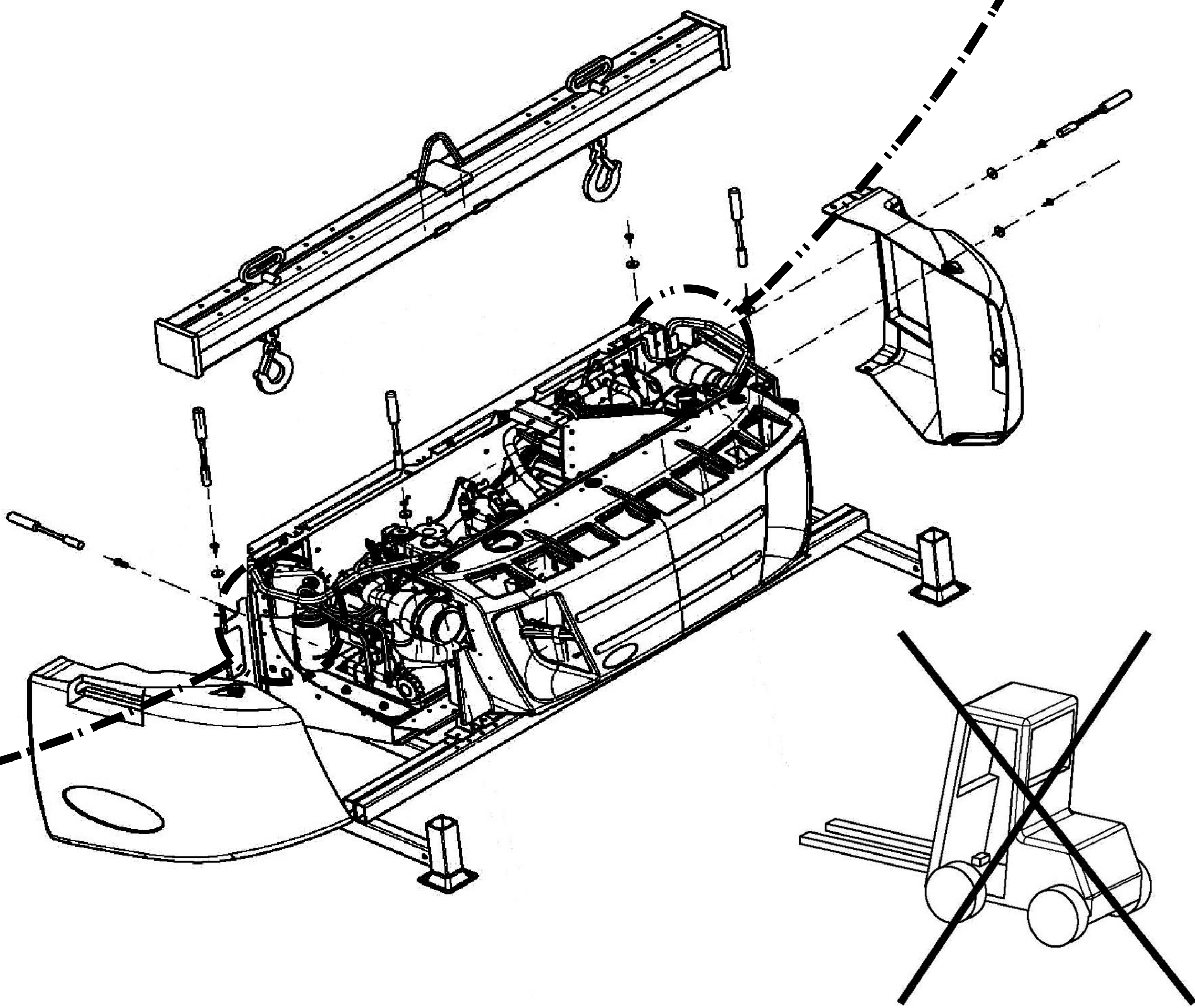
4.2 ATTACH SPREADER BAR TO THE UNIT USING THE LIFTING HOLES / SLOTS SHOWN. MAKE CERTAIN THE APPROPRIATE HOLE OR SLOT IS BEING USED FOR EACH OF THE DIFFERENT UNIT MODELS.



DO NOT USE LIFTING
SLOT LOCATED TOWARD
REAR OF UNIT. ONLY
USE FOR LIFTING
A 960 UNIT.



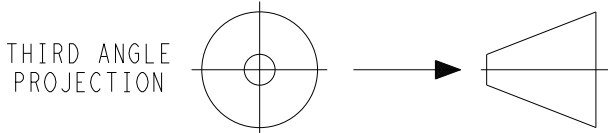
950 MULTI-TEMP



UNIT LIFTING HOLE / SLOT SIZES AND BODY PREPARATION

WHEN REMOVING UNIT FROM PALLET,
DO NOT LIFT UNIT FROM UNDERNEATH.

-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



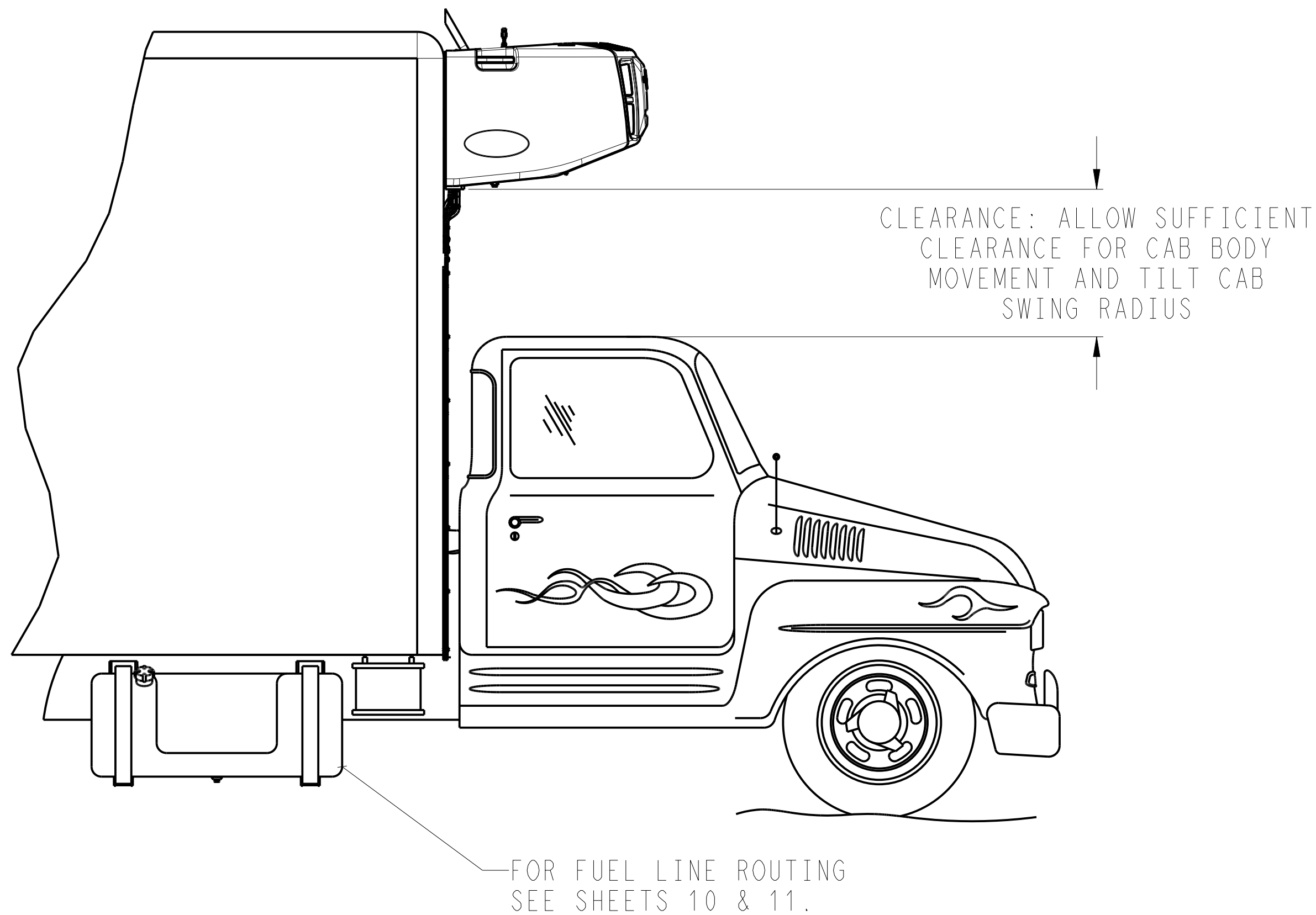
IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE
INSTALLATION INSTRUCTION

DRAWING NO.	REV
98-03369	-
SHEET 4 OF	

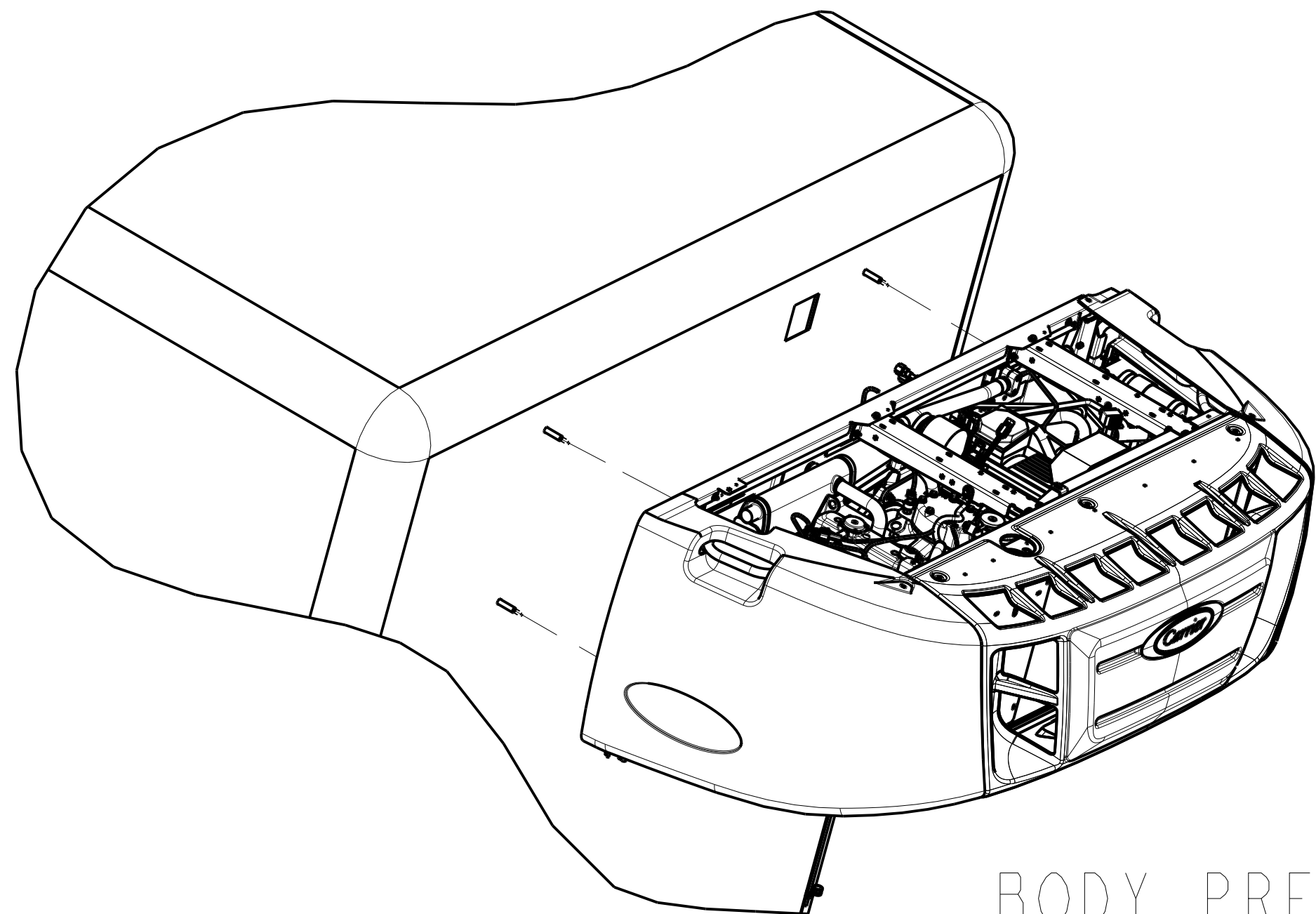
SUPERSEDES: _____

PART CLASSIFICATION: US EAR99



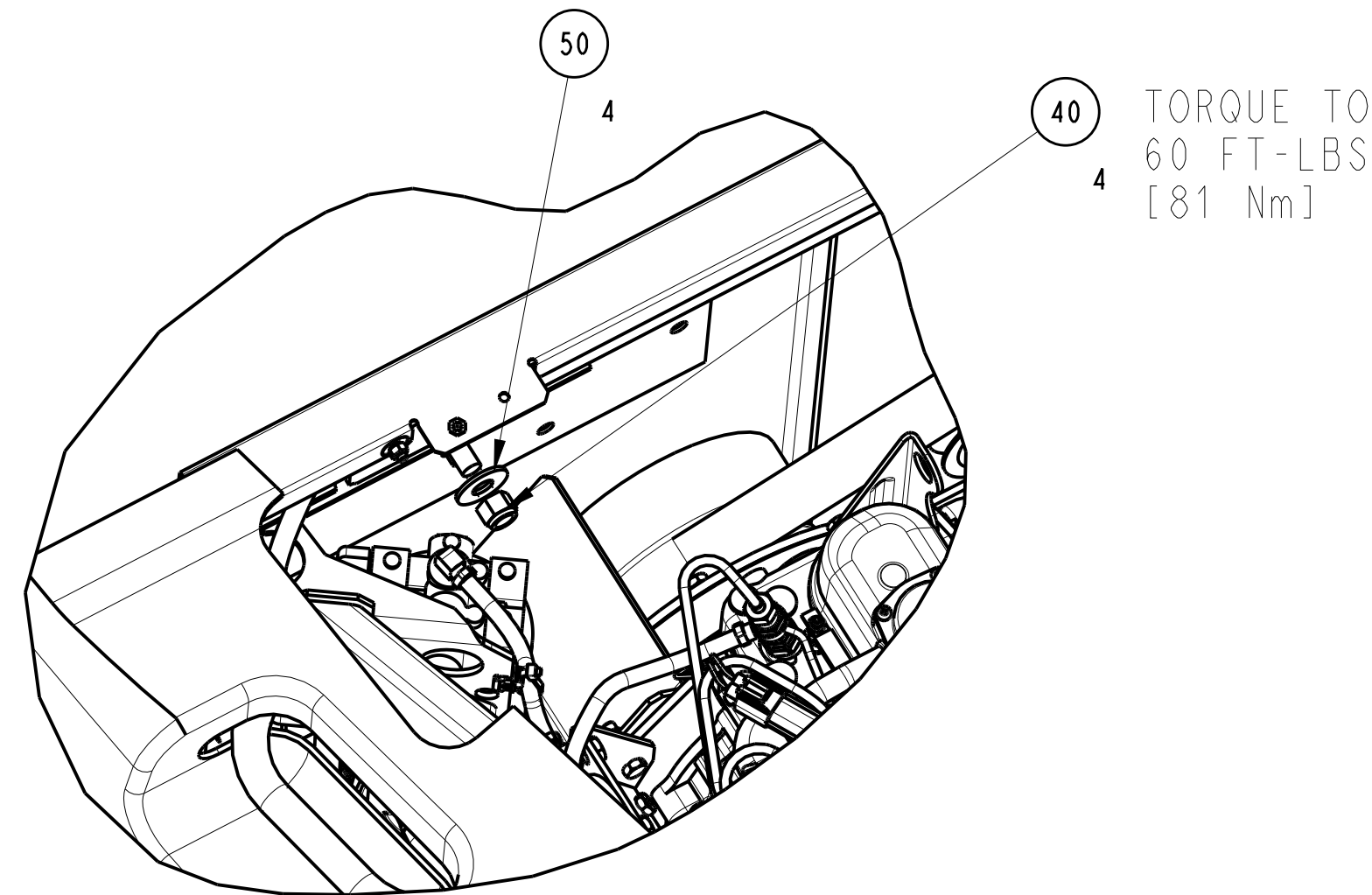
1 INSTALL UNIT

⚠ WARNING: MAKE A CLOSE-UP INSPECTION OF THE CONDITION AND INTEGRITY OF THE UNIT FRAME NEAR THE LIFTING EYES. HOOK LIFTING APPARATUS (LIFTING SPREADER BAR WITH SUFFICIENT CAPACITY TO SUPPORT UNIT) THROUGH THE LIFTING EYES. HOOKS OR CLEVISSES SHOULD BE EQUIPPED WITH A LOCKING FEATURE. LIFT POINT SHOULD BE CENTERED OVER THE UNIT'S CENTER OF GRAVITY (SEE SHEET 3). WHILE LIFTING THE UNIT INTO PLACE, INSTALLER SHOULD NOT BE UNDER OR IN PROXIMITY OF THE SUSPENDED UNIT.



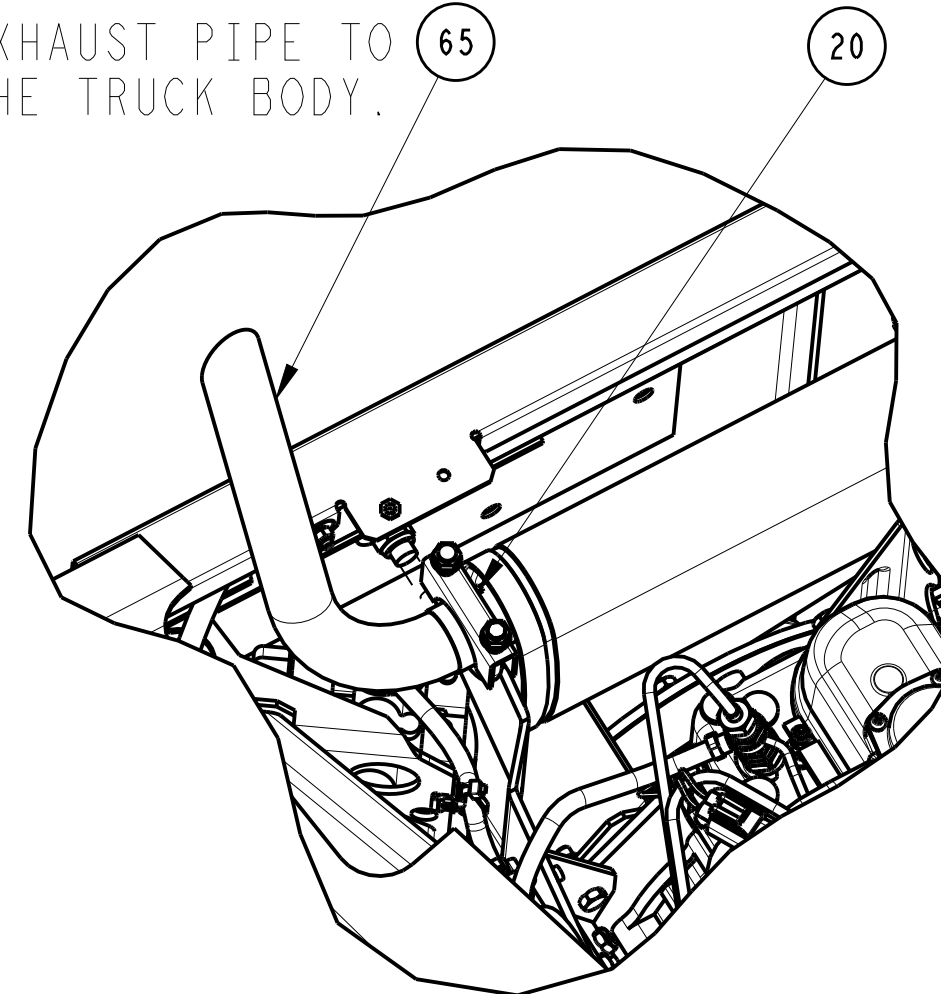
BODY PREPARATION AND UNIT INSTALLATION

2 INSTALL UNIT MOUNTING HARDWARE



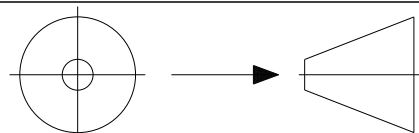
3 INSTALL MUFFLER PIPE EXTENSION

DO NOT ALLOW THE EXHAUST PIPE TO
TOUCH THE TRUCK BODY.



A	ADDED "WARNING" NOTE.	23 JUL 2019	LT-RP	RC		72N0242P19
-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.

THIRD ANGLE
PROJECTION



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE

INSTALLATION INSTRUCTION

DRAWING NO.

98-03369

SHEET 5 OF

REV

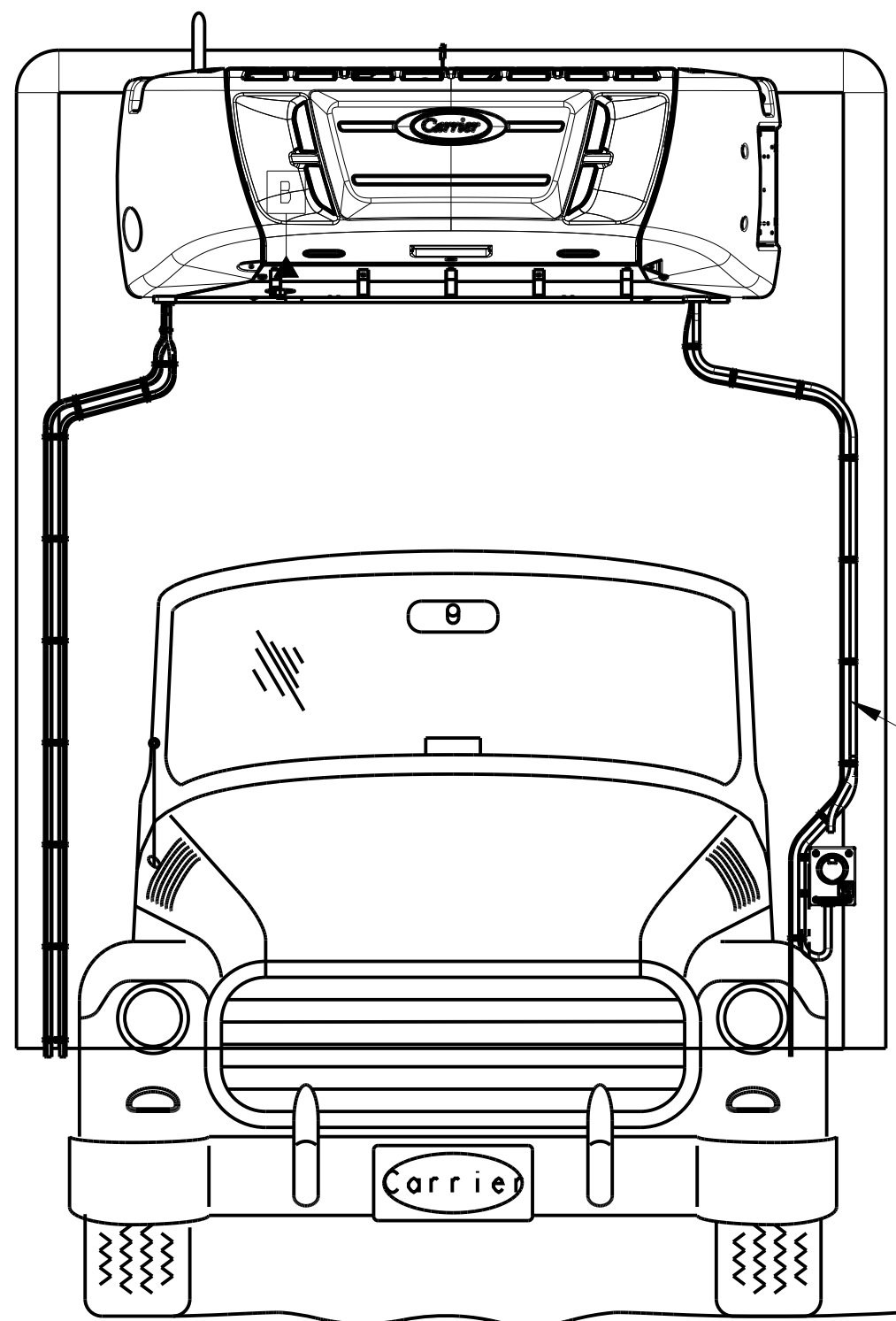
A

SUPSEDES:

PART CLASSIFICATION: US EAR99

CAB COMMAND INSTALLATION

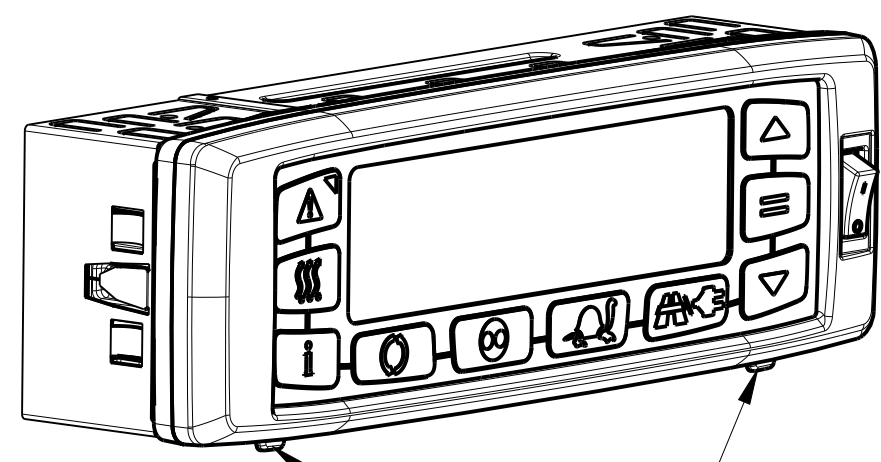
- 1.0 DETERMINE THE DESIRED MOUNTING LOCATION OF THE CAB COMMAND INSIDE THE CAB OF THE TRUCK. THE CAB COMMAND CAN EITHER BE MOUNTED DIRECTLY INTO THE DASH IN A "DIN" LOCATION OR IN PLACES SUCH AS THE OVERHEAD CONSOLE, UNDER THE DASH, ETC. BY USING THE SUPPLIED INSTALLATION BRACKET KIT (ITEM 83).



NOTE: THE CAB COMMAND IS NOT WATERPROOF, AND SHOULD BE IN A MOISTURE FREE ENVIRONMENT.

- 2.0 ROUTE THE GREY CAB COMMAND CABLE FROM THE CONTROL BOX TO THE INSIDE OF THE CAB.
- 3.0 WHEN ROUTING THE CONNECTOR INTO THE TRUCK BODY MAKE CERTAIN NOT TO DAMAGE THE CONNECTOR OR CABLE. MOST TRUCKS WILL ALREADY HAVE A PASS-THRU LOCATION WITH A GROMMET THAT THE CABLE CAN BE FED THROUGH. REFERENCE 5.0 ON SHEET 1 FOR CABLE ROUTING.

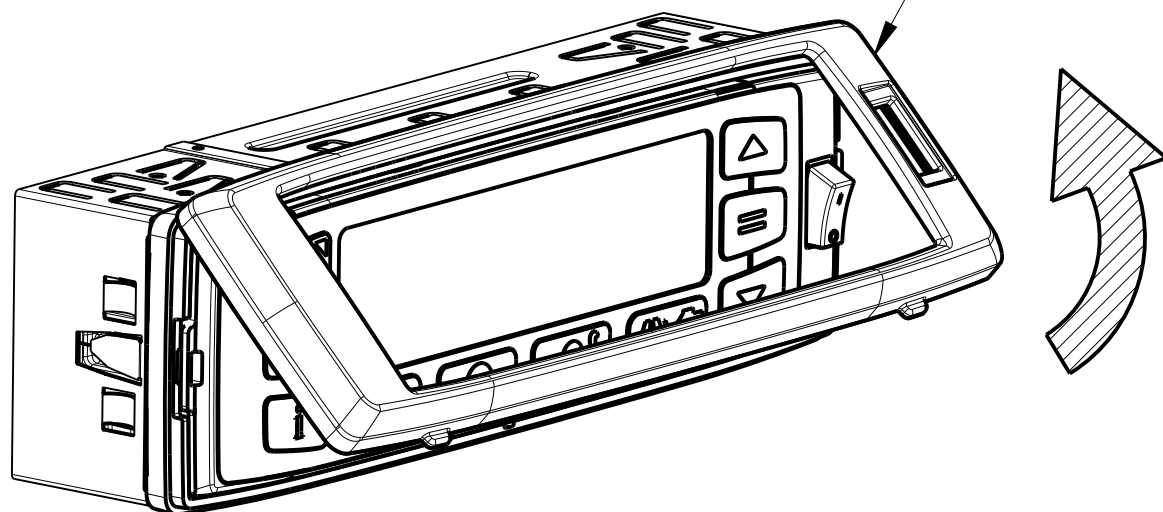
ROUTE THE CAB COMMAND CABLE WITH THE STANDBY CABLE. SEE 2.0 AND SHEET 9.



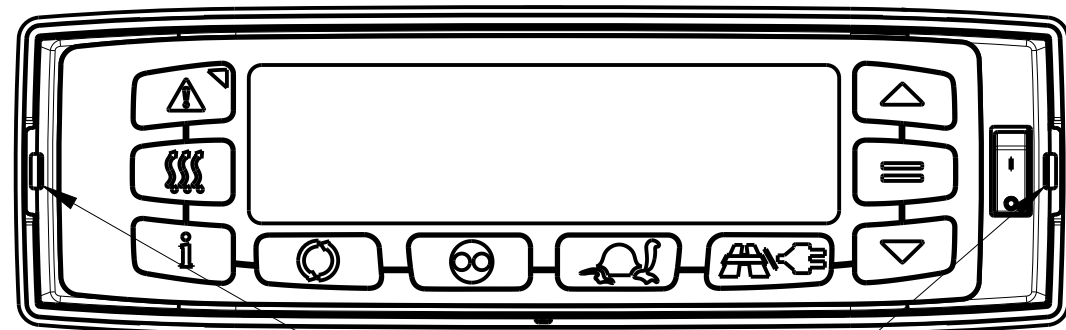
LOWER TAB LOCATION

- 4.0 REMOVE THE FRONT COVER OF THE CAB COMMAND BY PULLING OUTWARD ON THE TWO LOWER TABS. ROTATE THE COVER UP TO REMOVE. RETAIN THE COVER FOR LATTER RE-ASSEMBLY.

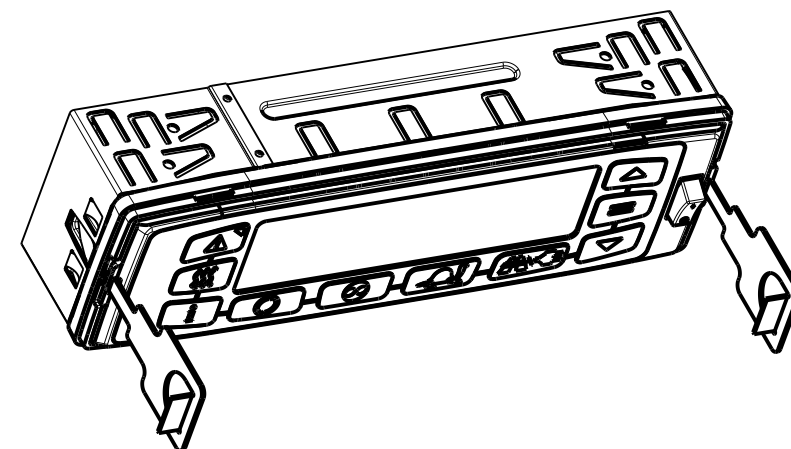
FRONT COVER (REF)



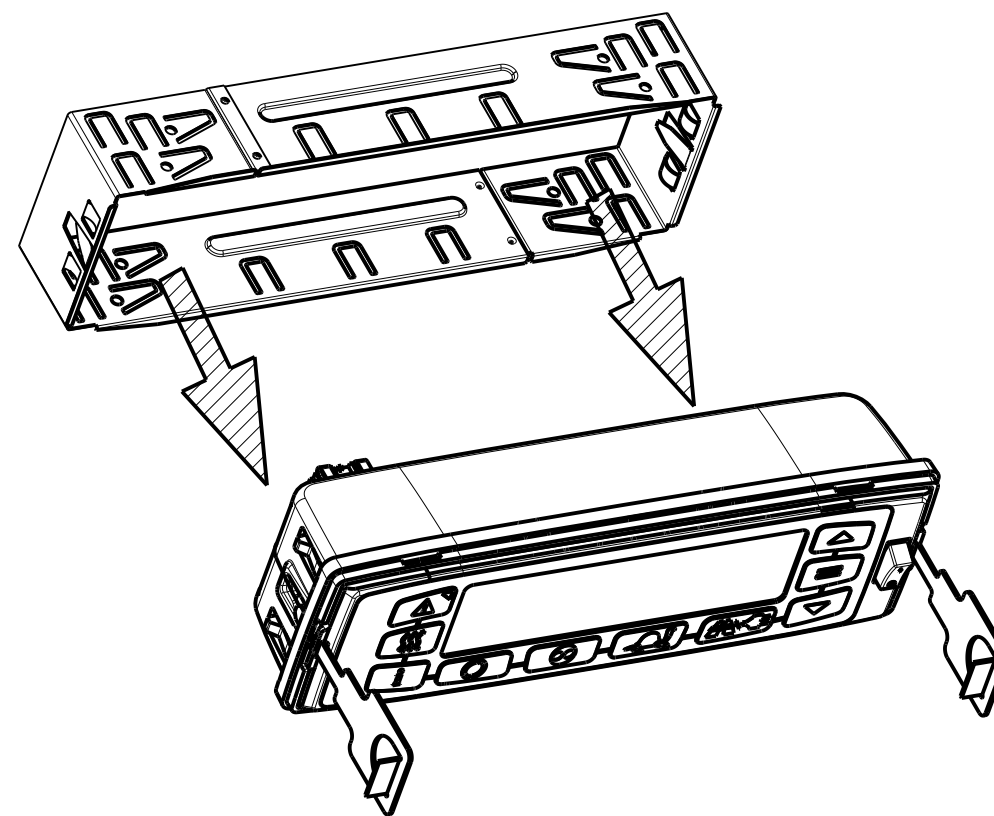
- 5.0 INSERT ONE KEY IN SLOTS LOCATED ON EACH SIDE OF THE ASSEMBLY TO UNLOCK THE CAB COMMAND MODULE FROM THE "DIN" MOUNTING BRACKET.



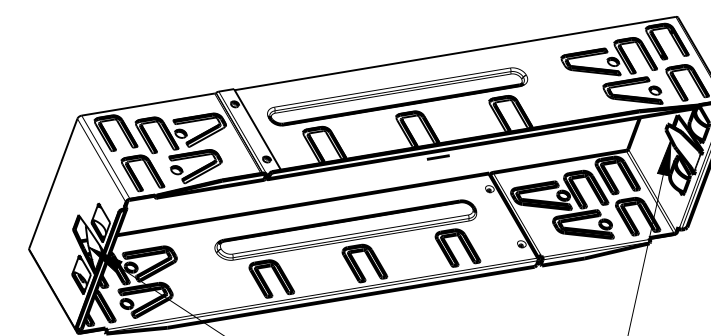
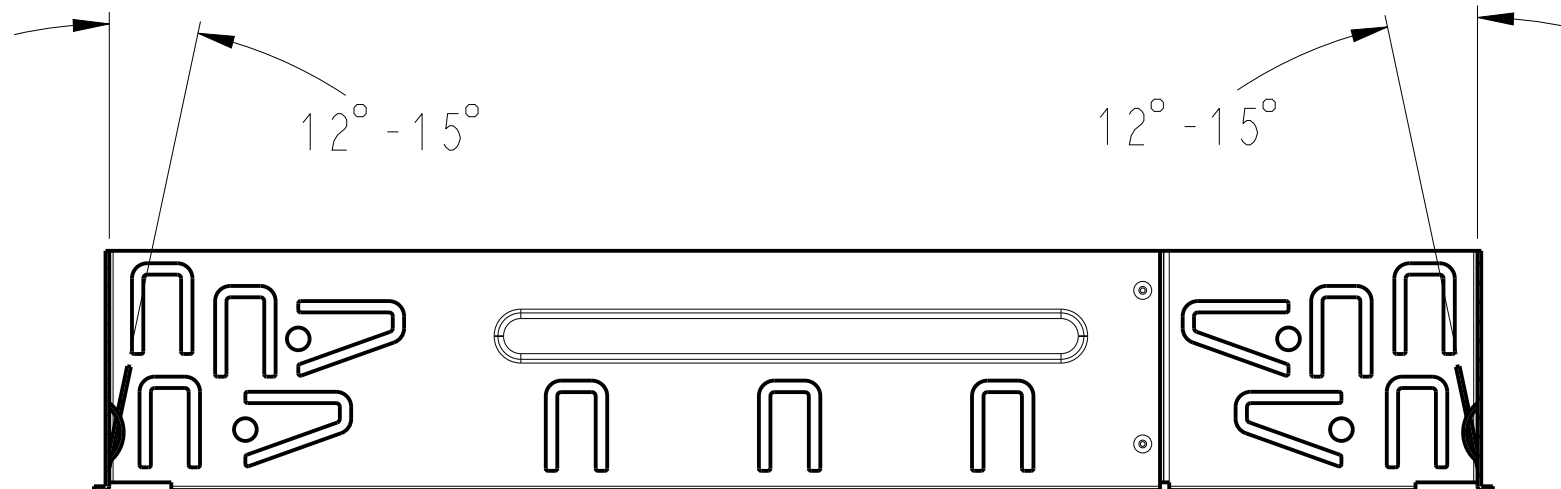
INSERT KEYS HERE



- 6.0 USE EVEN PRESSURE TO REMOVE MODULE FROM THE BRACKET.



- 7.0 THIS STEP IS ONLY REQUIRED FOR MOUNTING THE MODULE IN A "DIN" LOCATION. IF USING OPTIONAL MOUNTING, SKIP TO STEP 13 ON SHEET 7. MAKE SURE THE LOCKING TABS ON BOTH SIDES OF THE "DIN" MOUNTING BRACKET ARE BENT INWARD 12 TO 15 DEGREES.

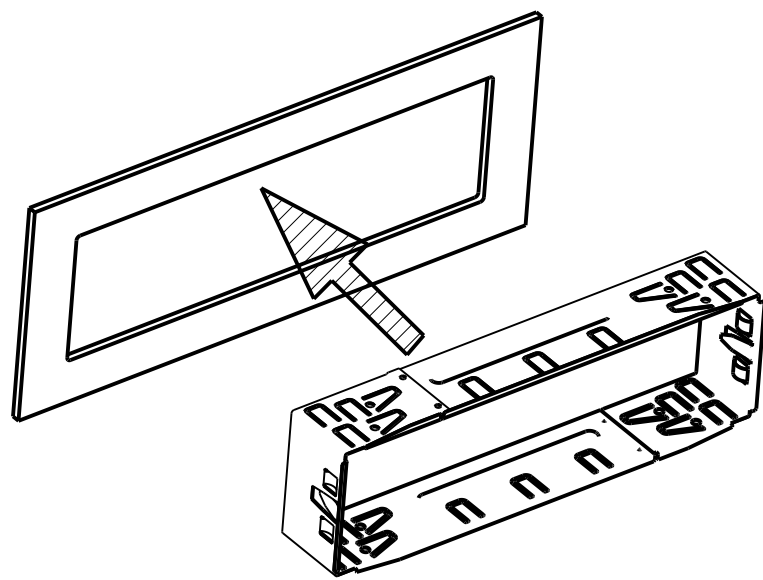


LOCKING TABS

-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17	THIRD ANGLE PROJECTION	IMPERIAL INCH FORMAT: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES WITH METRIC CONVERSIONS IN [MILLIMETERS]	TITLE INSTALLATION INSTRUCTION	DRAWING NO. 98-03369 SHEET 6 OF	REV 1
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.					

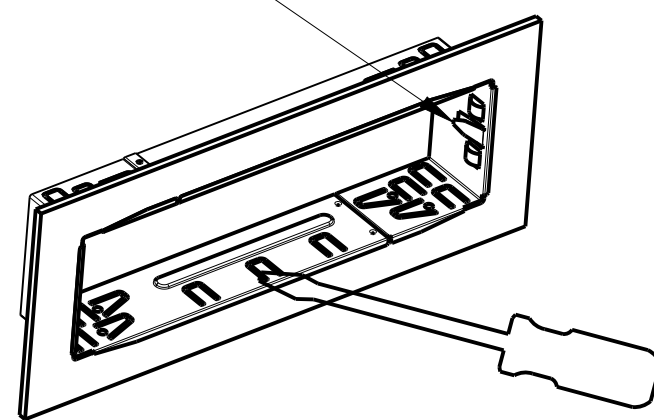
"DIN" MOUNT

8.0 INSERT THE "DIN" MOUNTING BRACKET INTO THE DASH OPENING.

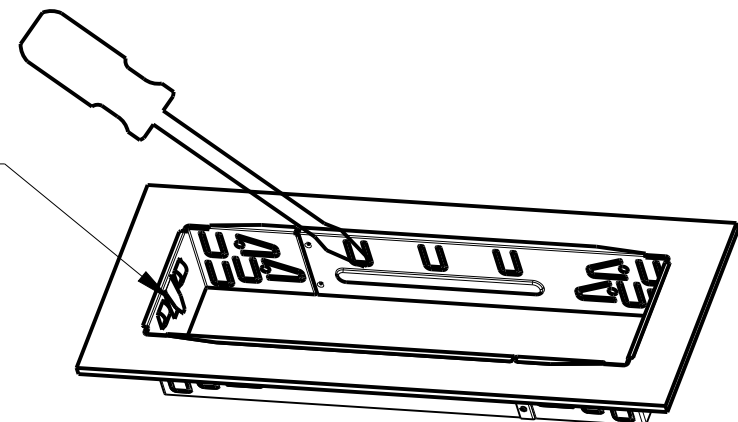


9.0 MAKE SURE THE BRACKET IS FLUSH WITH THE DASH OPENING, AND
SECURE THE BRACKET INTO PLACE BY BENDING AS MANY OF THE
TABS AS POSSIBLE. DO NOT BEND THE CAB COMMAND LOCKING
TABS ON THE RIGHT OR LEFT SIDE.

DO NOT BEND THIS TAB



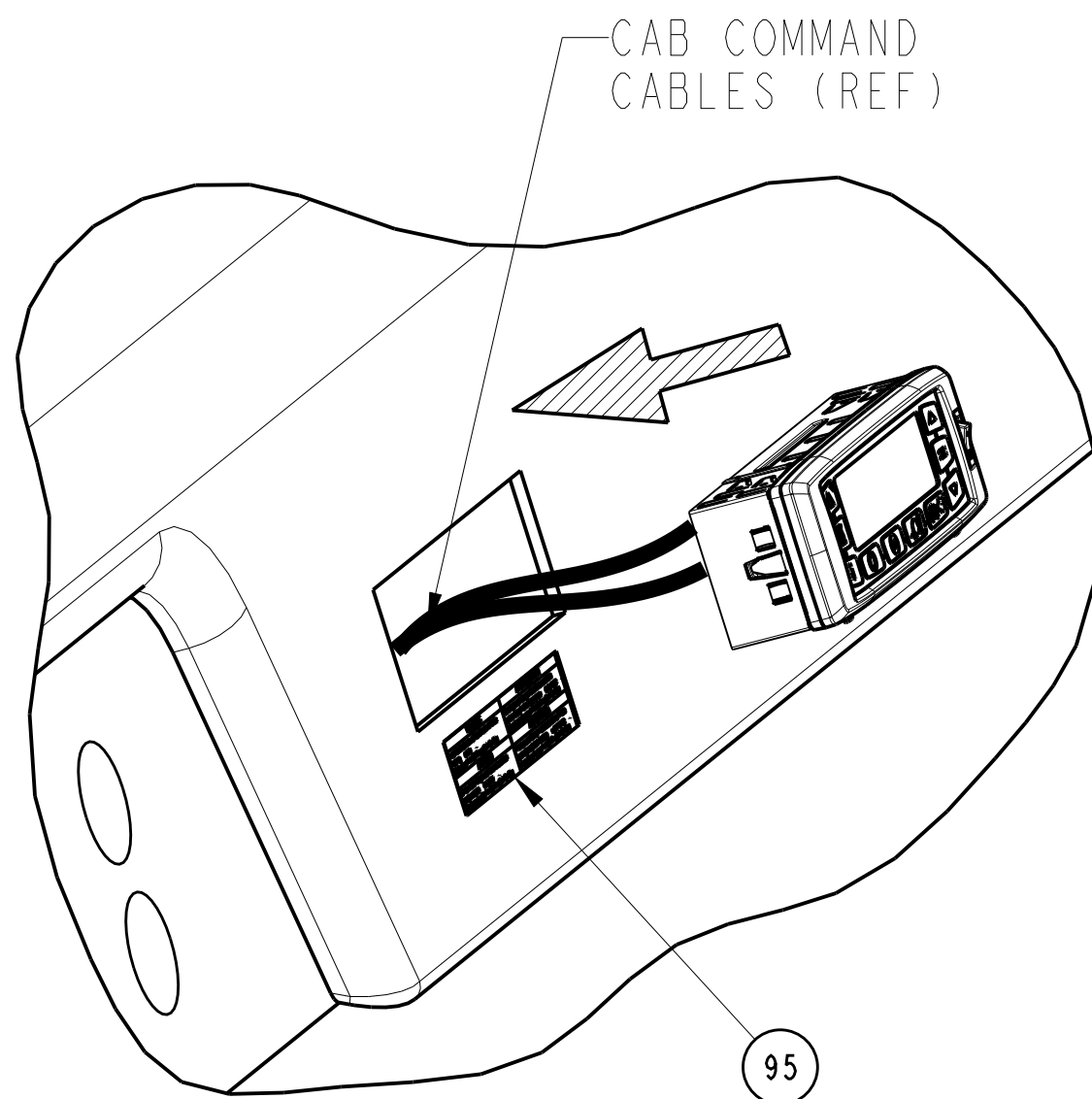
DO NOT BEND THIS TAB



10.0 ROUTE THE CABLES UNDERNEATH THE DASH AND THROUGH
THE "DIN" OPENING.

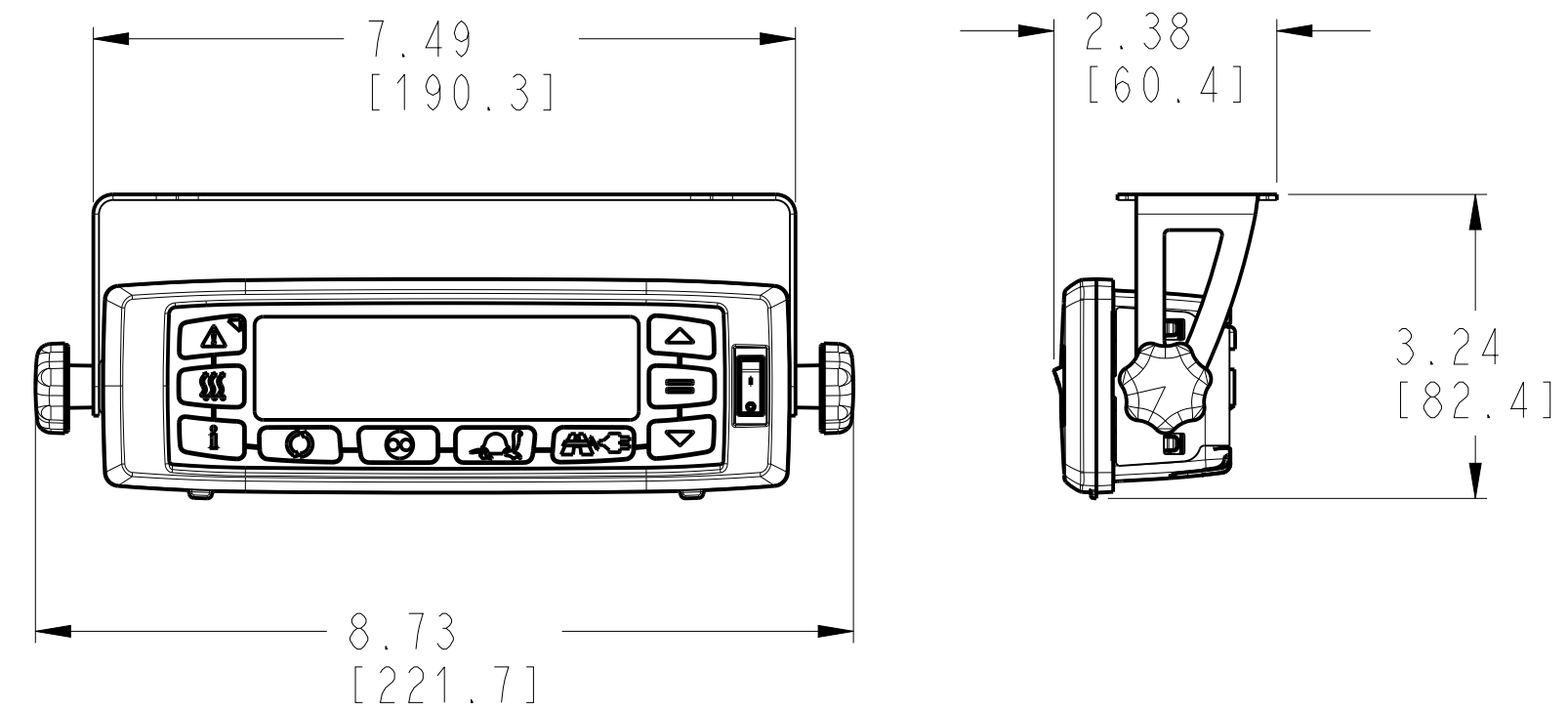
11.0 PLUG THE CAB COMMAND CABLES INTO THE BACK OF THE
CAB COMMAND AND INSERT THE CAB COMMAND INTO THE
"DIN" BRACKET. MAKE CERTAIN THE CAB COMMAND LOCKS
INTO PLACE. STORE THE REMOVAL KEYS IN A SECURE
LOCATION IN CASE FUTURE REMOVAL IS NECESSARY.

12.0 RE-INSTALL CAB COMMAND FACE PLATE. PLACE THE
DECAL (ITEM 95) IN A LOCATION NEAR THE CAB COMMAND.

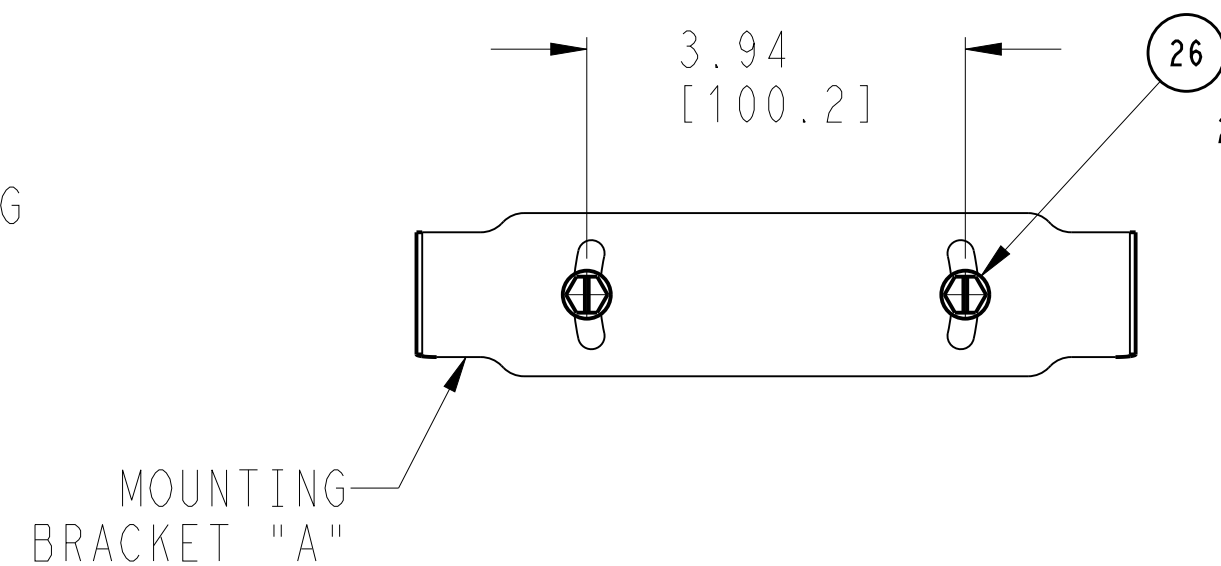


OPTIONAL MOUNTING

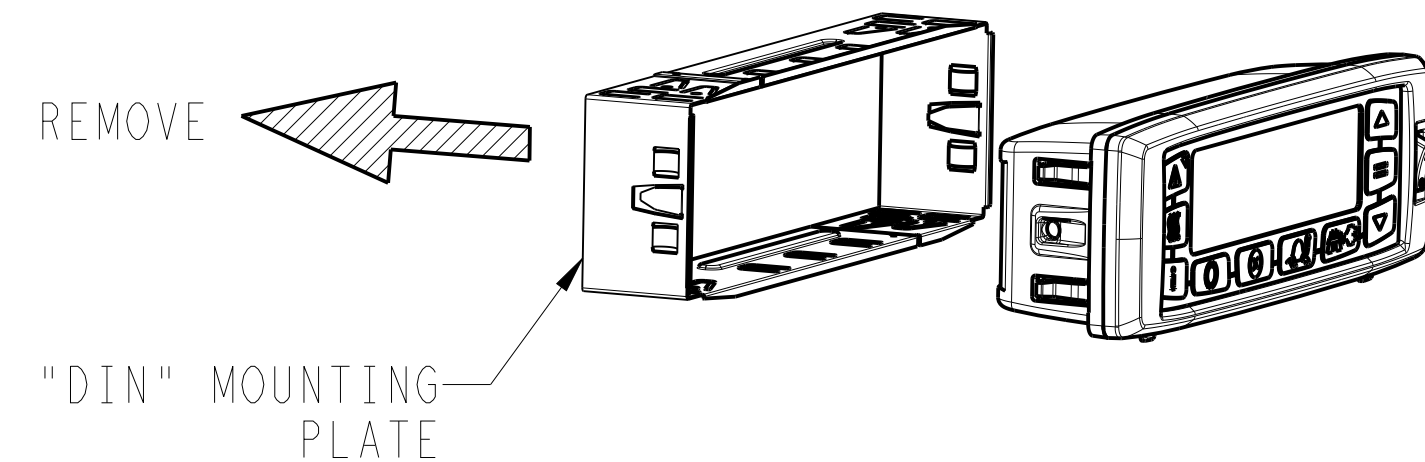
13.0 WHEN CHOOSING AN ALTERNATE MOUNTING
LOCATION, MAKE CERTAIN THE CABLE
IS ROUTED IN A MANNER THAT PROTECTS
THE CABLE FROM DAMAGE. MAKE CERTAIN
THE CAB COMMAND WILL BE IN AN
ACCESSABLE LOCATION AND THE LOCATION
DOES NOT ALLOW THE SWITCH TO BE
ACCIDENTALLY TURNED OFF.



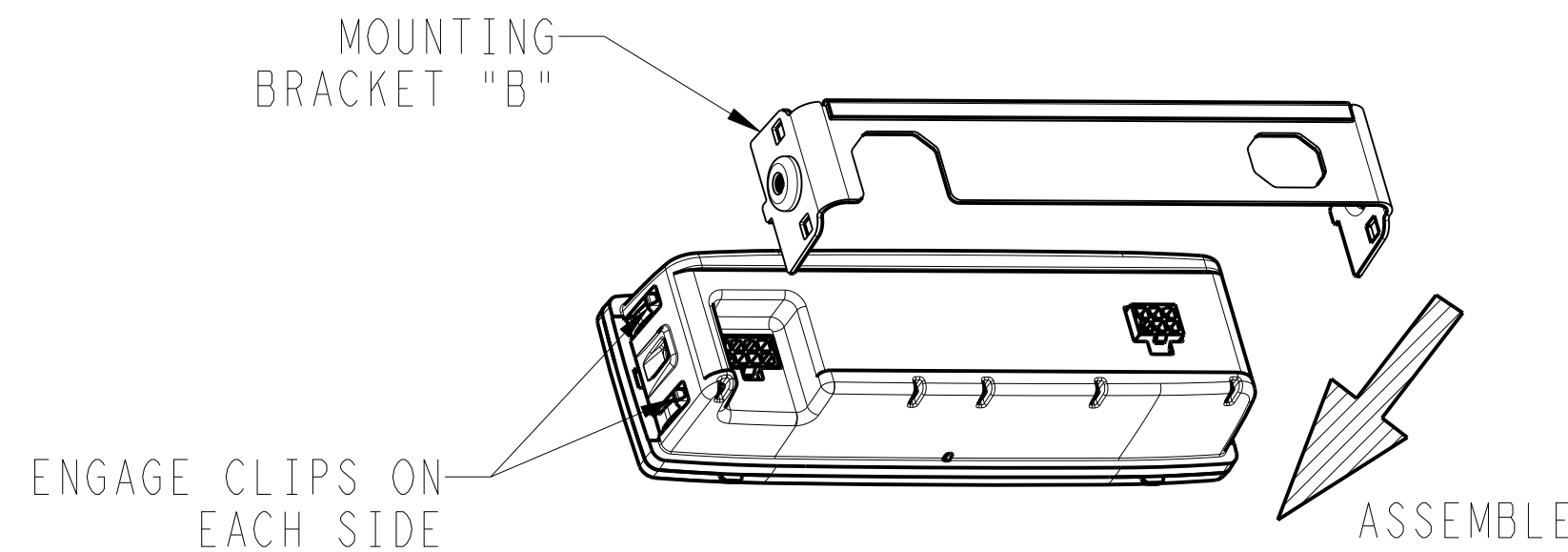
14.0 INSTALL MOUNTING BRACKET "A" WITH SELF TAPPING
SCREWS (ITEM 26) OR WITH SELF SUPPLIED LOOSE
HARDWARE. MAKE CERTAIN THE HARDWARE WILL NOT
CHAFTE, CUT THROUGH OR NICK ANY WIRING.



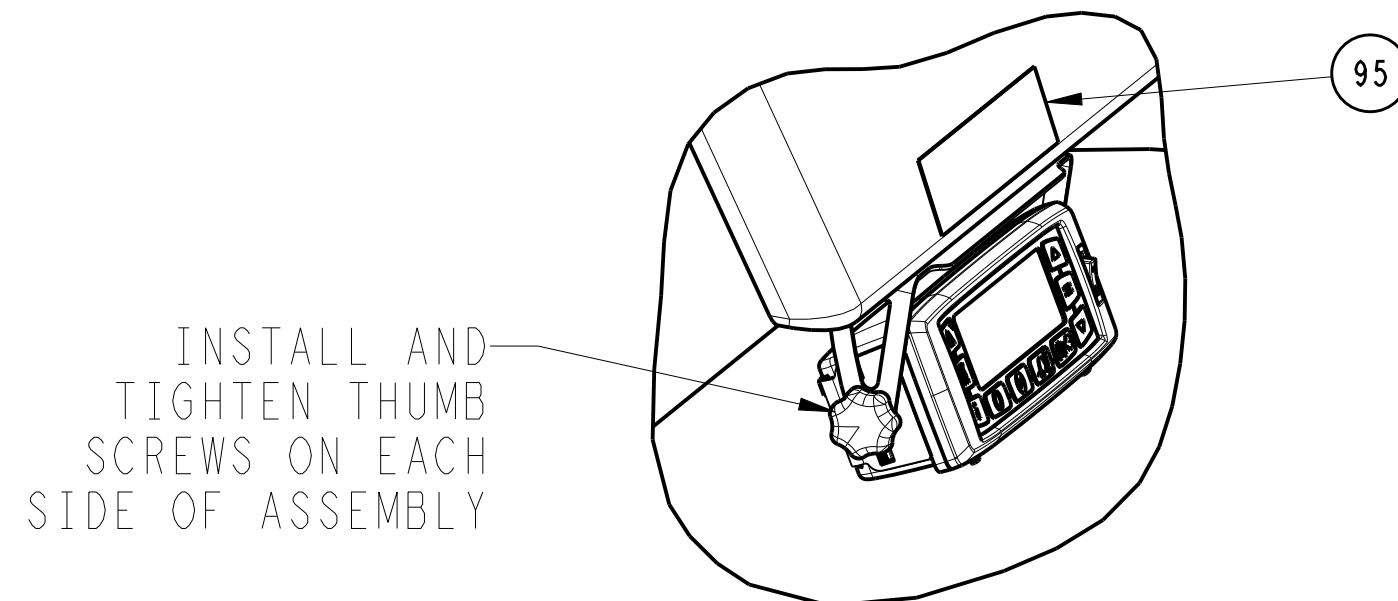
15.0 REMOVE THE "DIN" MOUNTING BRACKET
FROM THE CAB COMMAND MODULE. REFER
TO STEPS 4.0 THRU 6.0 ON SHT.6



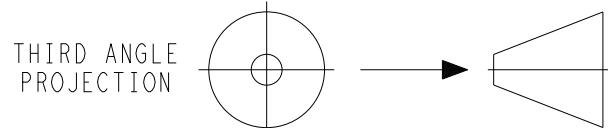
16.0 ASSEMBLE MOUNTING BRACKET "B" TO THE
BACK SIDE OF THE MODULE AS SHOWN.
MAKE CERTAIN THE TWO CLIPS ON EACH
END OF THE MODULE ARE ENGAGED INTO
THE BRACKET.



17.0 PLUG THE CAB COMMAND CABLE INTO THE
BACK OF THE MODULE, AND MAKE THE
FINAL ASSEMBLY AS SHOWN. RE-INSTALL
CAB COMMAND FACE PLATE. PLACE THE
DECAL (ITEM 95) IN A LOCATION NEAR
THE CAB COMMAND.



-	INITIAL RELEASE.	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

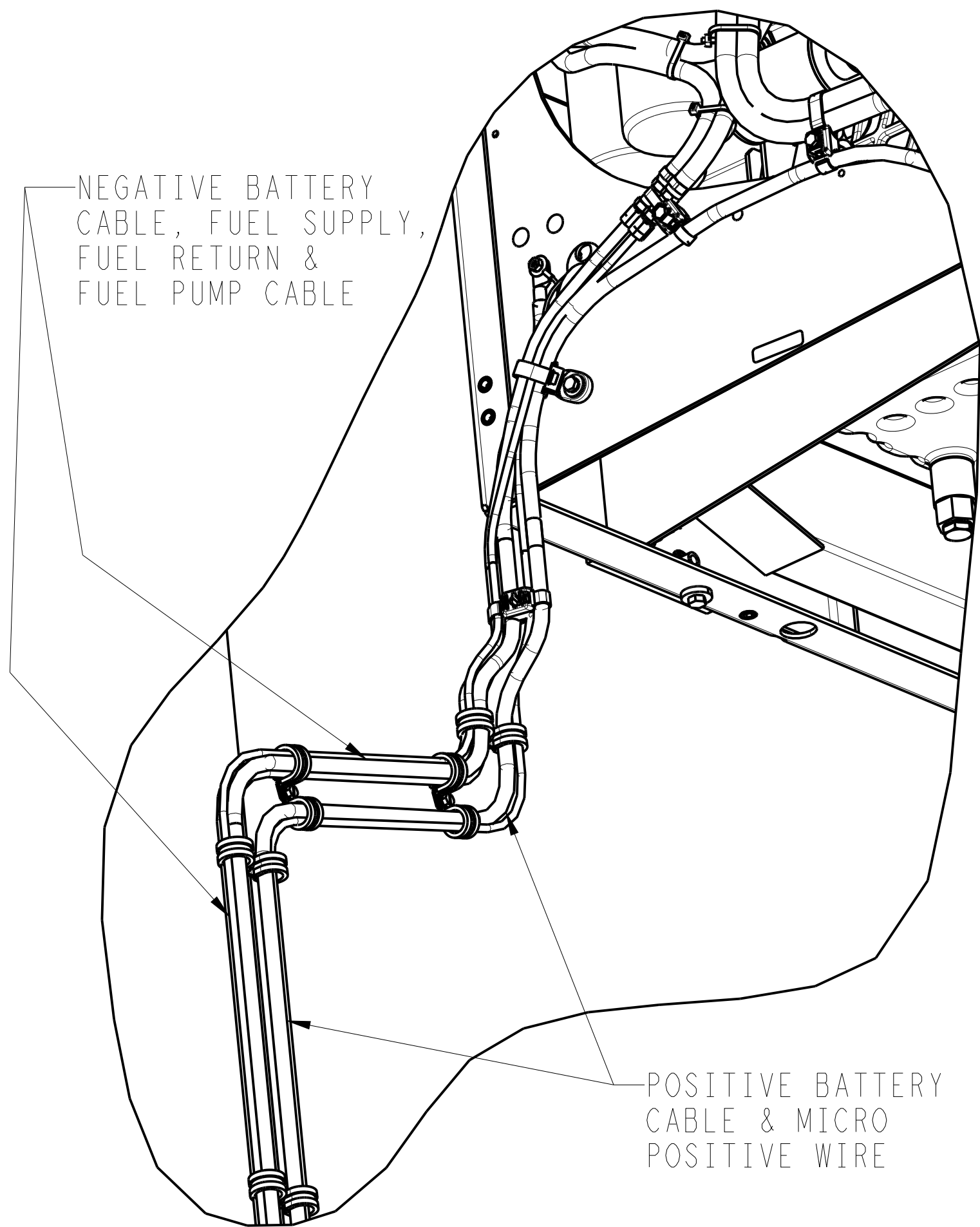
TITLE
INSTALLATION INSTRUCTION

SUPSEDES: _____

DRAWING NO.
98-03369
SHEET 7 OF 7

PART CLASSIFICATION: US EAR99

DRAWING CLASSIFICATION: US EAR99



MAINTAIN
4.00 MIN.
[101.6]
STRAIGHT LENGTH
FROM THE EDGE
OF THE UNIT FRAME

8.00 MIN.
[203.2]

12.00
[304.8]

31

26 27

INSTALL ITEM 26,
SELF-TAPPING SCREWS
INTO FRAME MEMBER
OF BODY. SEE NOTE 1.0

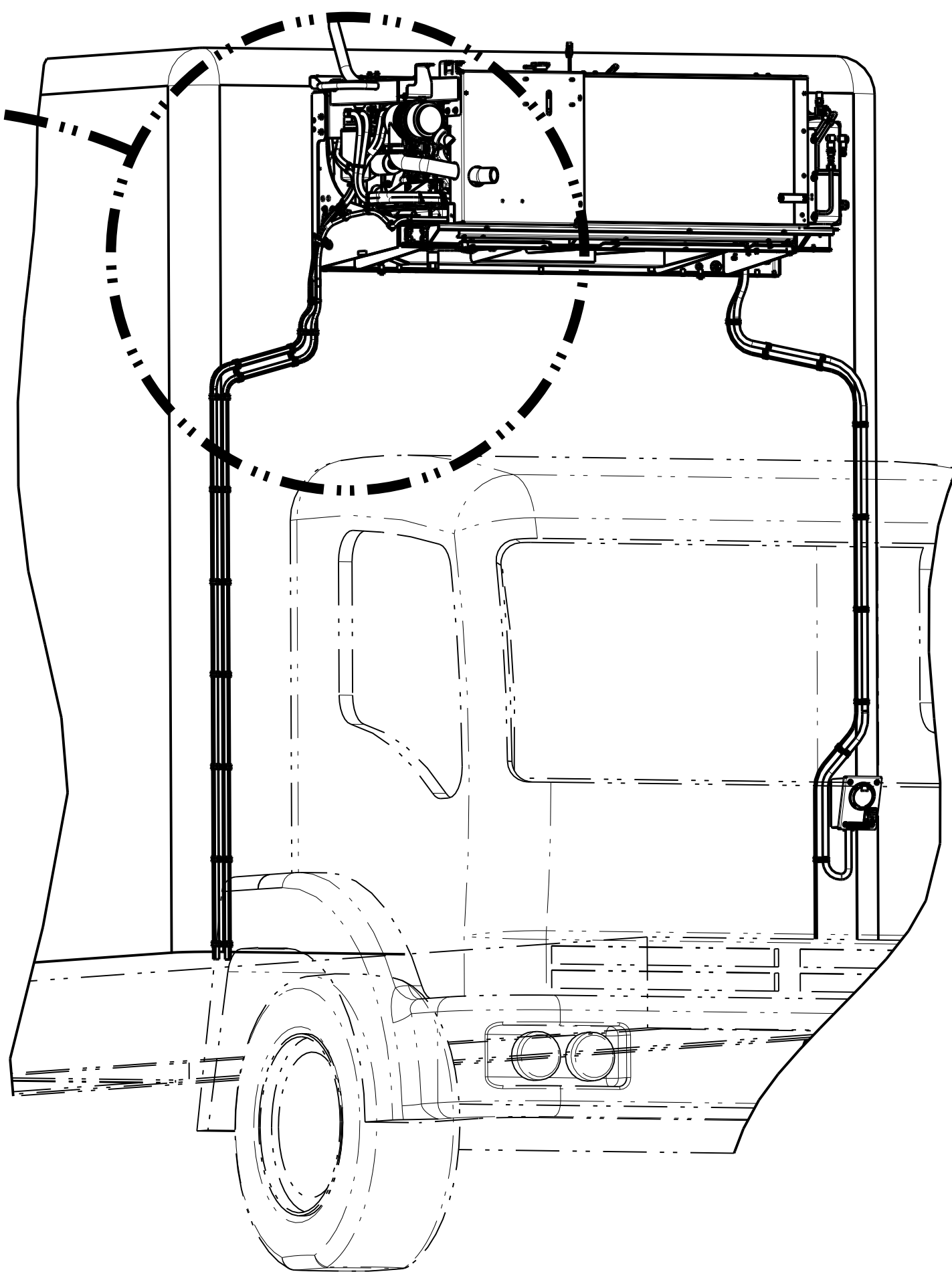
43

FOR CLAMP LOCATIONS THAT
DO NOT FALL OVER A FRAME
MEMBER OF THE BODY,
REFER TO NOTES 1.0 AND 2.0

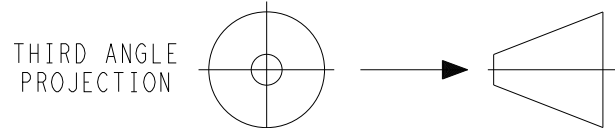
NOTE:

- 1.0 SELF TAPPING SCREWS (ITEM 26) MUST BE INSTALLED INTO A STRUCTURAL FRAME MEMBER OF THE REFRIGERATION BODY. IF A STRUCTURAL MEMBER IS NOT LOCATED UNDERNEATH THE OUTER TRUCK SKIN, USE SUPPLIED RIVET (ITEM 43).
- 2.0 IF USING RIVETS (ITEM 43), LOCATE THE DESIRED POSITION OF THE CLAMP(S) AND DRILL HOLE(S) USING A 3/16" DIAMETER DRILL BIT.

FUEL LINES, BATTERY & CURBSIDE DRAIN TUBE



-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE
INSTALLATION INSTRUCTION

SUPERSEDES: _____

DRAWING NO.
98-03369
SHEET 8 OF

PART CLASSIFICATION: US EAR99

DRAWING CLASSIFICATION: US EAR99

193.00
[4900.0]
APPROXIMATE
STANDBY
CABLE LENGTH

SEE NOTES
BELOW

NOTES:

- 1.0 SELF TAPPING SCREWS (ITEM 26) MUST BE INSTALLED INTO A STRUCTURAL FRAME MEMBER OF THE REFRIGERATION BODY. IF A STRUCTURAL MEMBER IS NOT LOCATED UNDERNEATH THE OUTER SKIN, USE SUPPLIED RIVET (ITEM 43).
- 2.0 IF USING RIVETS, LOCATE THE DESIRED POSITION OF THE CLAMP(S) AND DRILL HOLE(S) USING A 3/16" DIAMETER DRILL BIT.
- 3.0 SECURE THE STANDBY CABLE AND CAB COMMAND CABLE WITH CLAMPS AND SELF-TAPPING SCREWS (ITEM 26). USE CLAMP (ITEM 33) FOR THE STANDBY CABLE, AND CLAMP (ITEM 28) FOR THE CAB COMMAND CABLE. SEE SHEET 6.

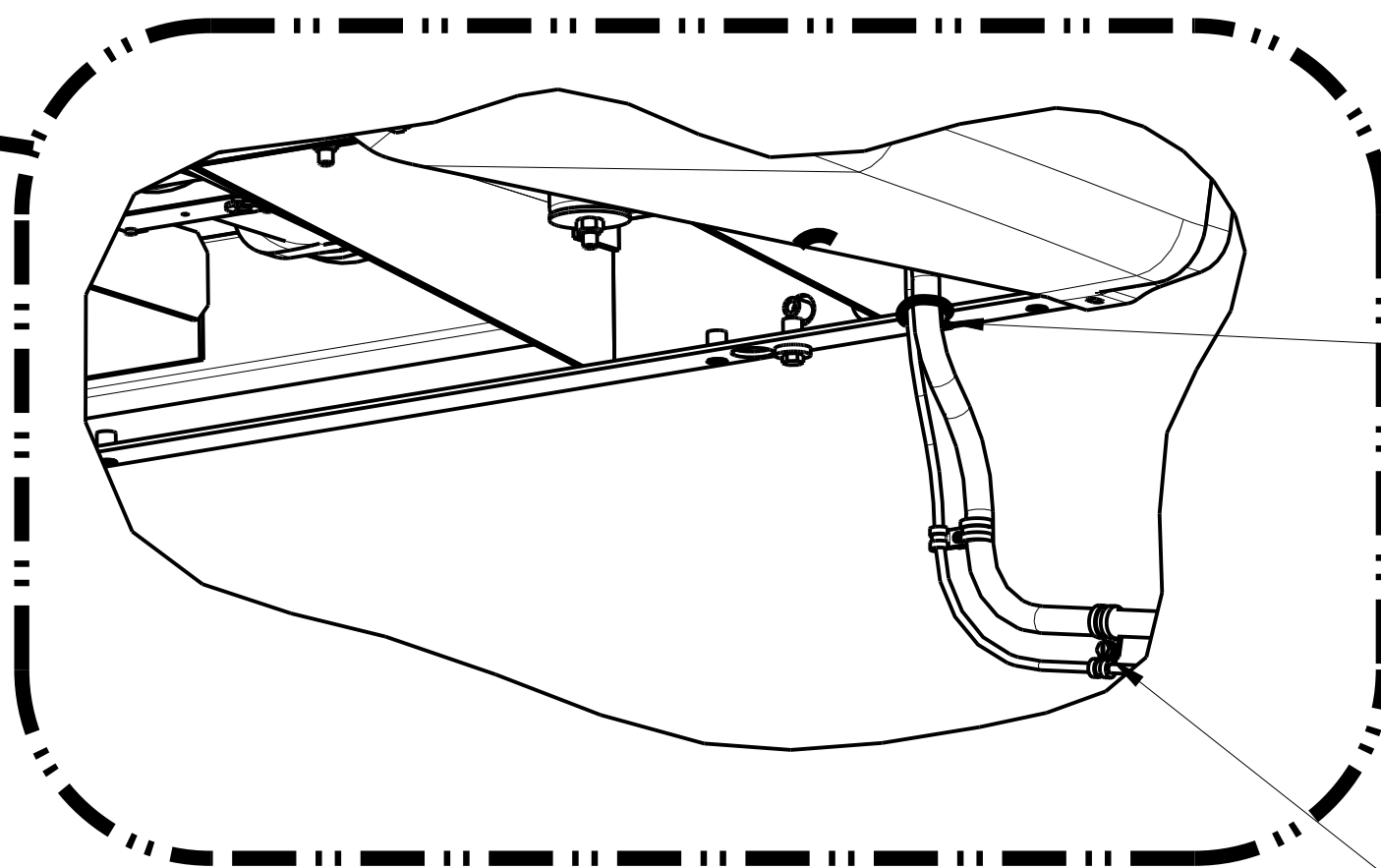
STANDBY PLUG & CAB COMMAND CABLE

33 26 INSTALL ITEM 26, SELF-TAPPING SCREWS INTO FRAME MEMBER OF BODY. SEE NOTES BELOW.

12.00
[304.8]

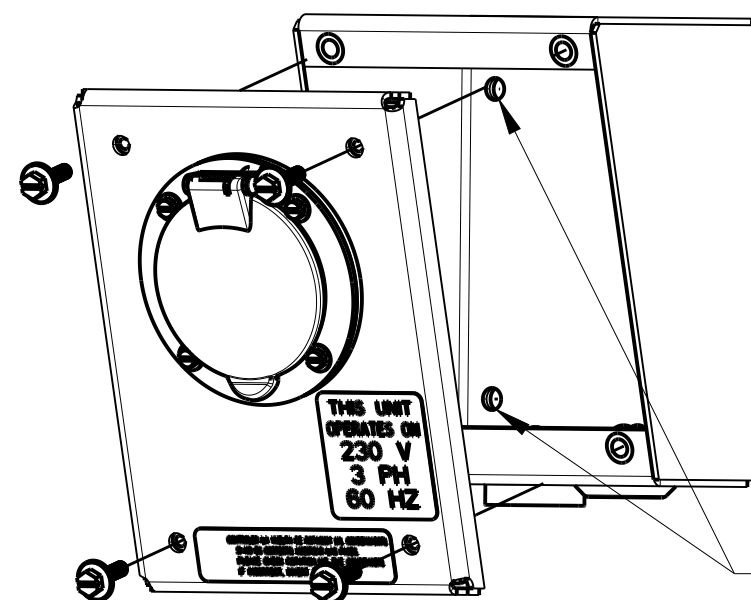
26 MINIMUM OF 2 SCREWS MUST BE INSTALLED INTO FRAME MEMBER OF BODY. SEE "STANDBY PLUG MOUNTING" VIEW

DRIP LOOP REQUIRED ON STANDBY CABLE



60 POSITION CAB COMMAND CABLE AND STANDBY CABLE USING THE CLIP (ITEM 60) TIGHTEN TY-WRAP & TRIM EXCESS TY-WRAP.

FOR CLAMP LOCATIONS THAT DO NOT FALL OVER A FRAME MEMBER OF THE BODY, REFER TO NOTES 1.0 AND 2.0

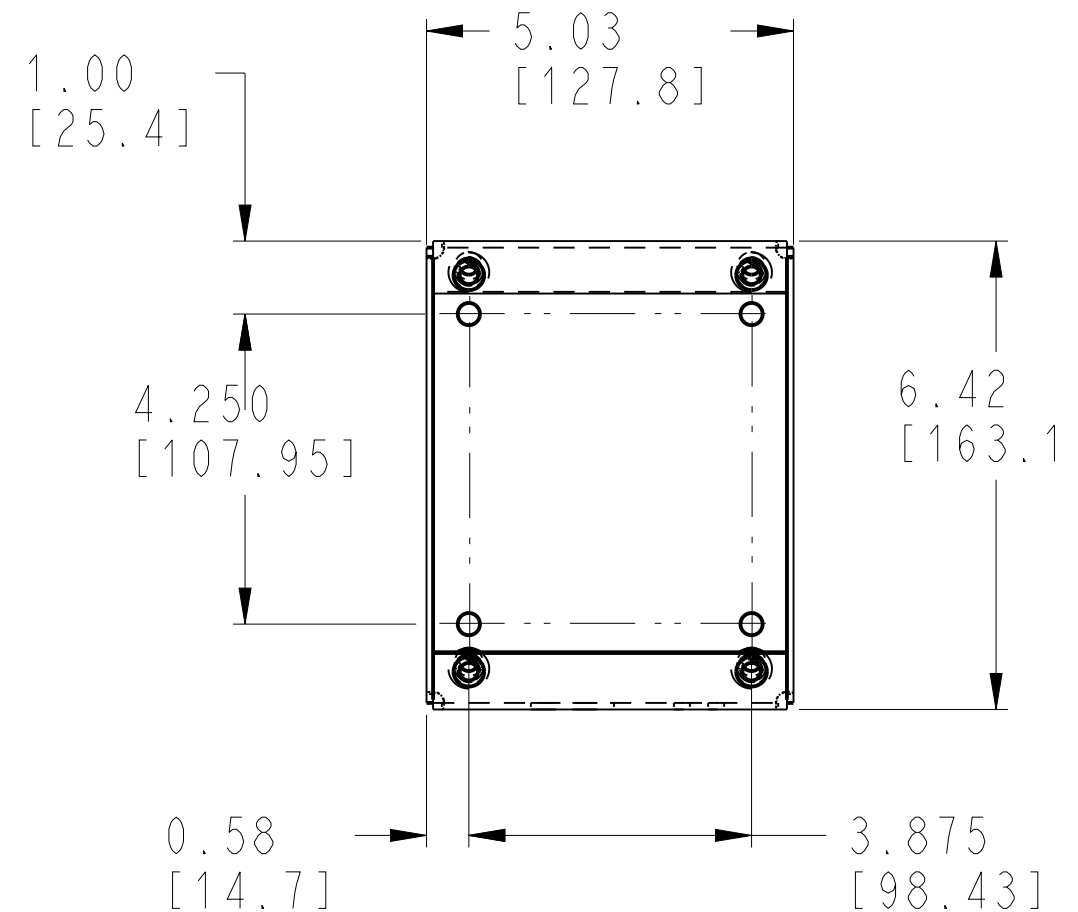


MOUNTING HOLES (REF)

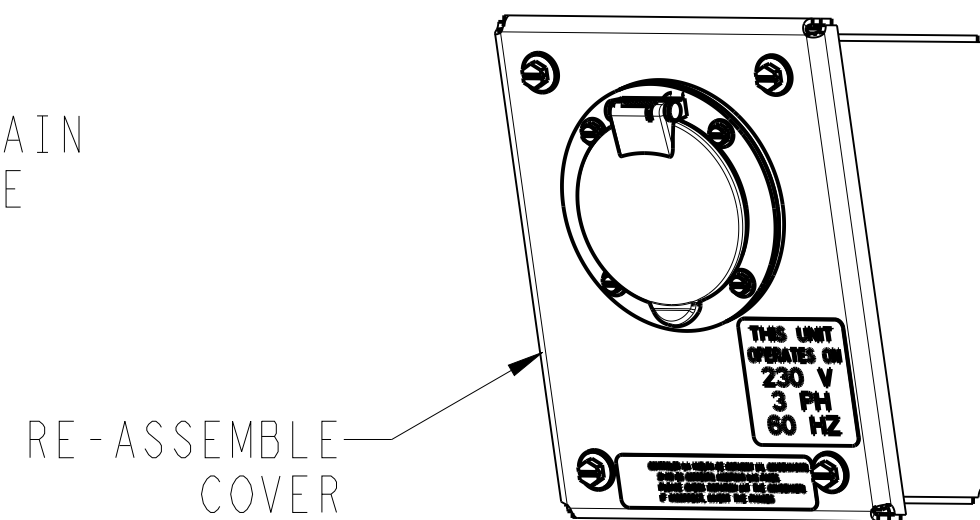
1 REMOVE COVER TO ACCESS THE MOUNTING HOLES.

2 ASSEMBLE STANDBY BOX TO THE TRUCK. SEE "STANDBY PLUG & CAB COMMAND" VIEW

3 RE-ASSEMBLE THE COVER. MAKE CERTAIN NOT TO PINCH OR CHAFFE ANY OF THE WIRES.



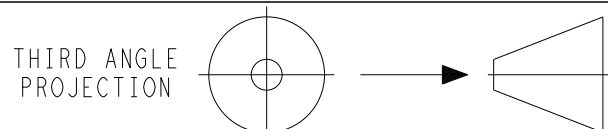
MOUNTING HOLE DIMENSIONS



RE-ASSEMBLE COVER

STANDBY PLUG MOUNTING

-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE
INSTALLATION INSTRUCTION

DRAWING NO.
98-03369
SHEET 9 OF
REV
-

SUPERSEDES:

PART CLASSIFICATION: US EAR99

1. FUEL PICK-UP TUBE INSTALLATION

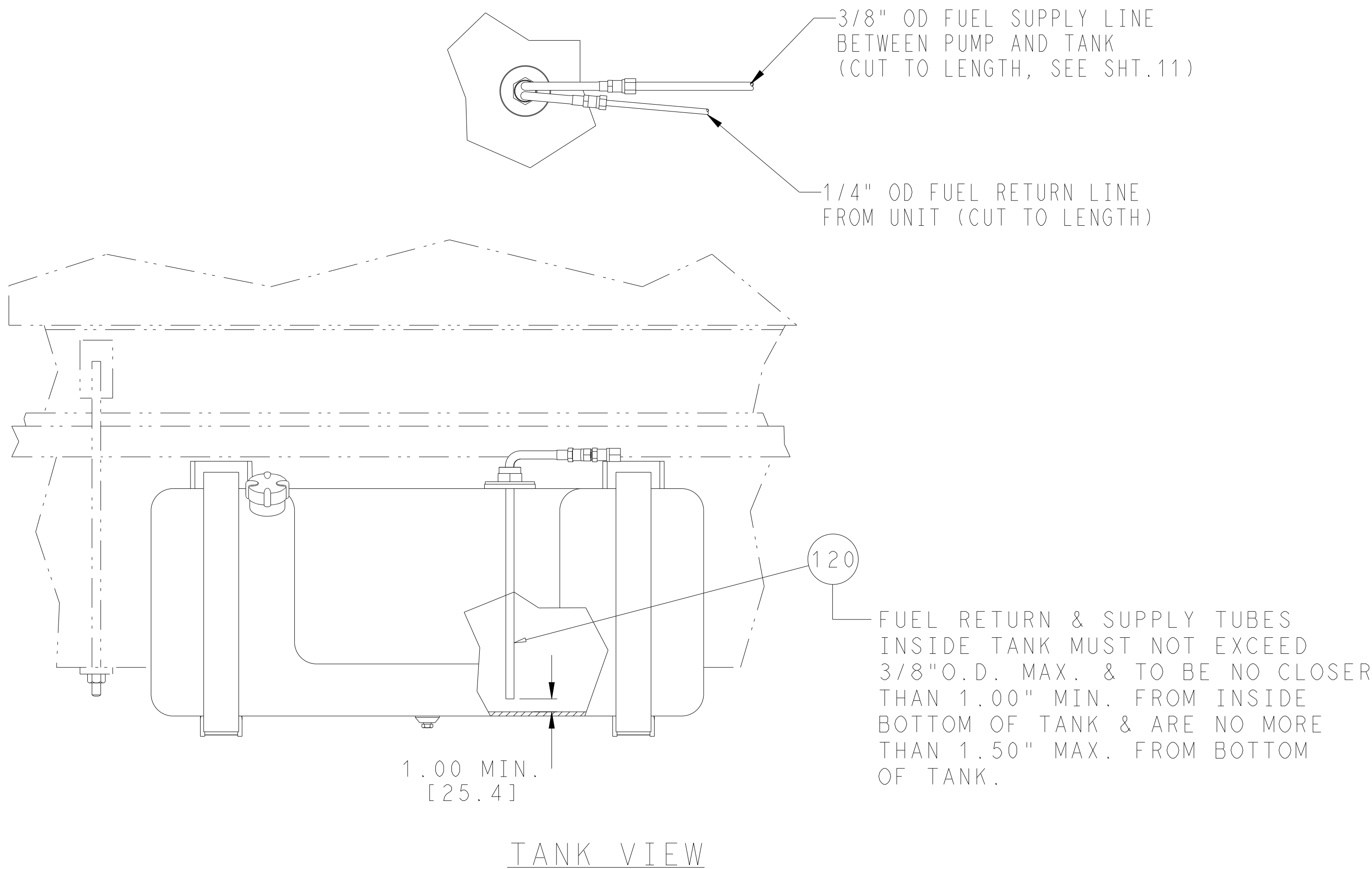
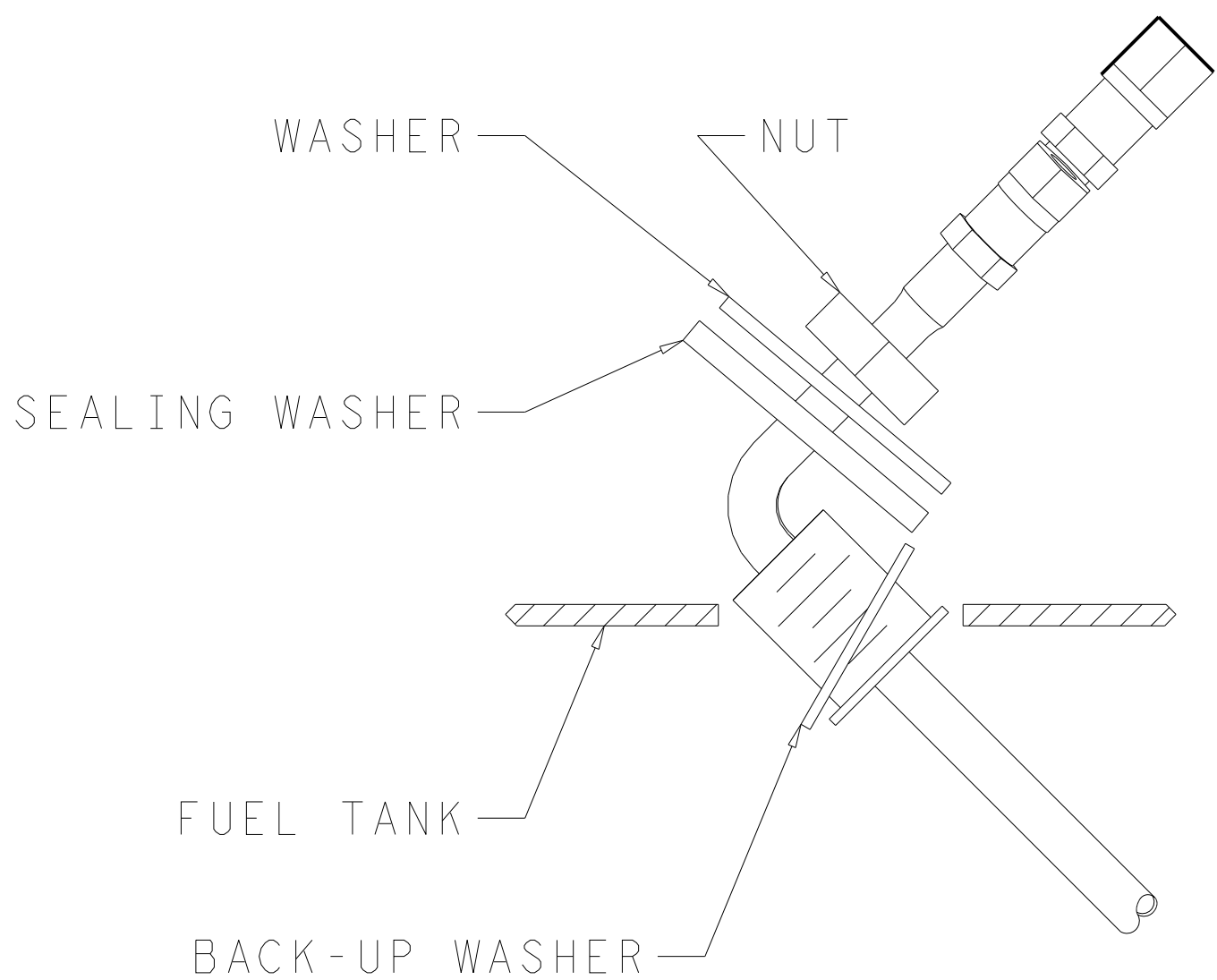
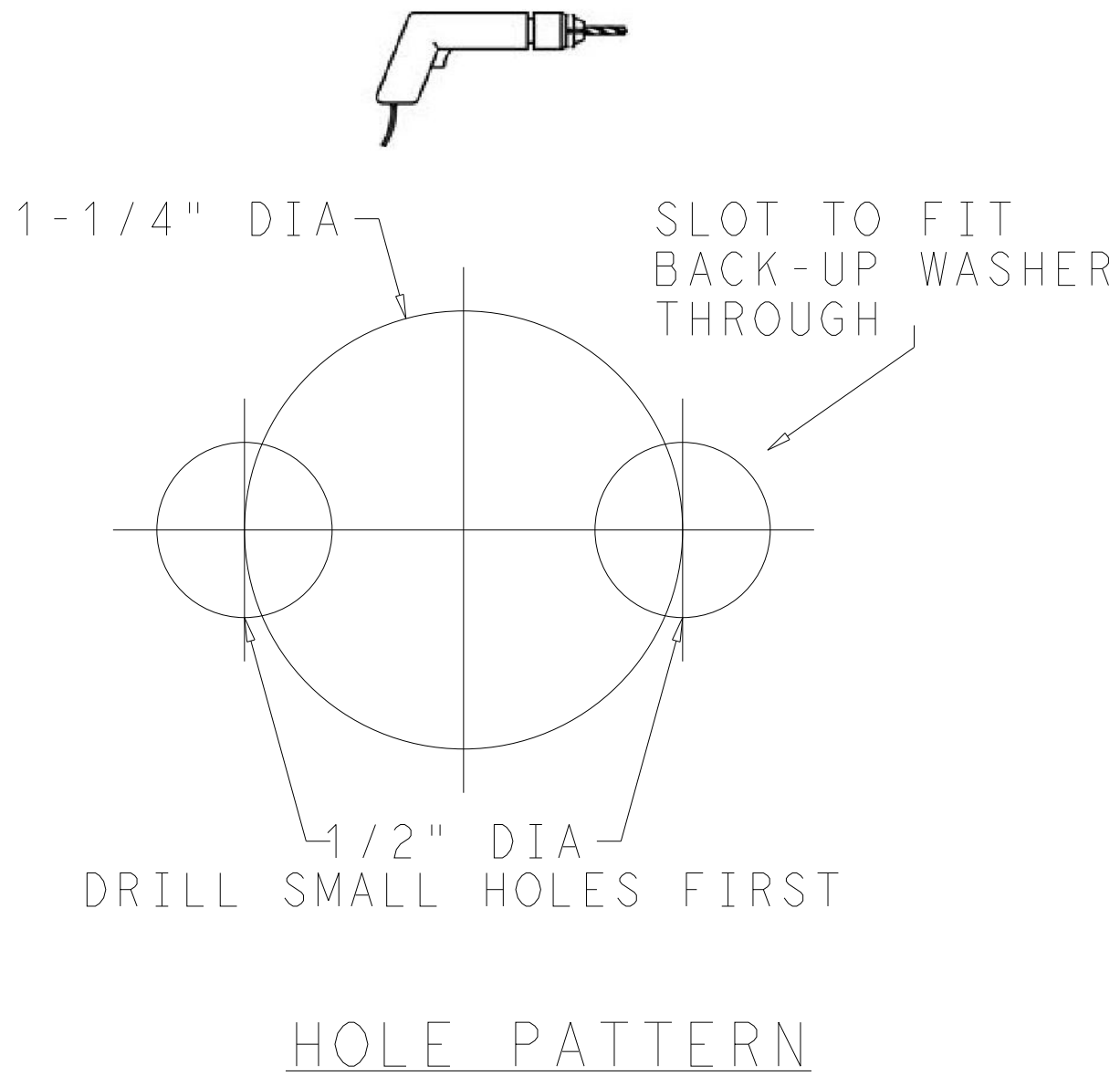
- A. DETERMINE THE DESIRED LOCATION FOR THE PICK-UP TUBES ON THE FUEL TANK. MAKE CERTAIN THAT THE LOCATION ADHERES TO THE FOLLOWING:
- LOCATION WILL ALLOW FOR THE FUEL LINE CONNECTIONS.
 - LOCATION DOES NOT INTERFERE WITH ANY OTHER CONNECTION(S), APPARATUS, INTERNAL BAFFLE, FUEL LEVEL FLOAT OR OBSTRUCTION.
- B. REFER TO THE HOLE PATTERN VIEW AND LAYOUT THE HOLES IN THE LOCATION DETERMINED FROM STEP A. THEN CENTER PUNCH THE THREE HOLE CENTERS.

CAUTION: TAKE PRECAUTIONS TO MINIMIZE OR ELIMINATE METAL CHIPS AND SHAVINGS FROM FALLING INTO THE FUEL TANK, SUCH AS USE OF A MAGNET AND/OR GREASE.

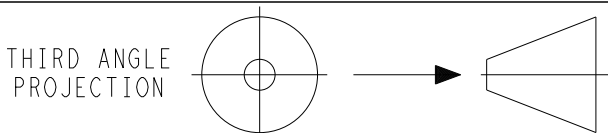
- C. USING A 1/2" DRILL BIT, DRILL THE TWO OUTSIDE 1/2" HOLES FIRST.
- D. USING A 1-1/4" HOLE SAW, DRILL THE REMAINING HOLE IN THE CENTER.

CAUTION: CLEAN ALL METAL PARTICLES, GREASE, OIL, AND RESIDUE FROM THE AREA TO PROVIDE A CLEAN SEALING SURFACE. DO NOT APPLY ANY ADHESIVES OR SEALANTS.

- E. MEASURE THE DEPTH OF THE FUEL TANK. MODIFY THE LENGTH OF THE TUBES SO THEY ARE APPROXIMATELY 1.00" [25.4 mm] ABOVE THE BOTTOM OF THE TANK.
- F. SLIDE ALL MOUNTING HARDWARE OVER THE CURVED PORTION OF THE TUBES AS FAR FORWARD AS POSSIBLE. INSERT THE TUBES INTO THE TANK OPENING, AND TILT THE LARGE BACK-UP WASHER SO IT FALLS THROUGH THE SLOT FORMED BY THE TWO 1/2" HOLES.
- G. WITH THE BACK-UP WASHER FULLY IN THE TANK, LIFT THE TUBE ASSEMBLY UP UNTIL IT STOPS. SLIDE ALL REMAINING HARDWARE DOWN TOWARDS THE THREADED BUSHING.
- H. SEAT THE SEALING GASKET FIRMLY AGAINST THE TOP OF THE TANK AND START THE NUT. POINT THE TUBES IN THE PROPER DIRECTION, AND TIGHTEN THE NUT TO 18-20 FT-LBS [24-27 Nm].



-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

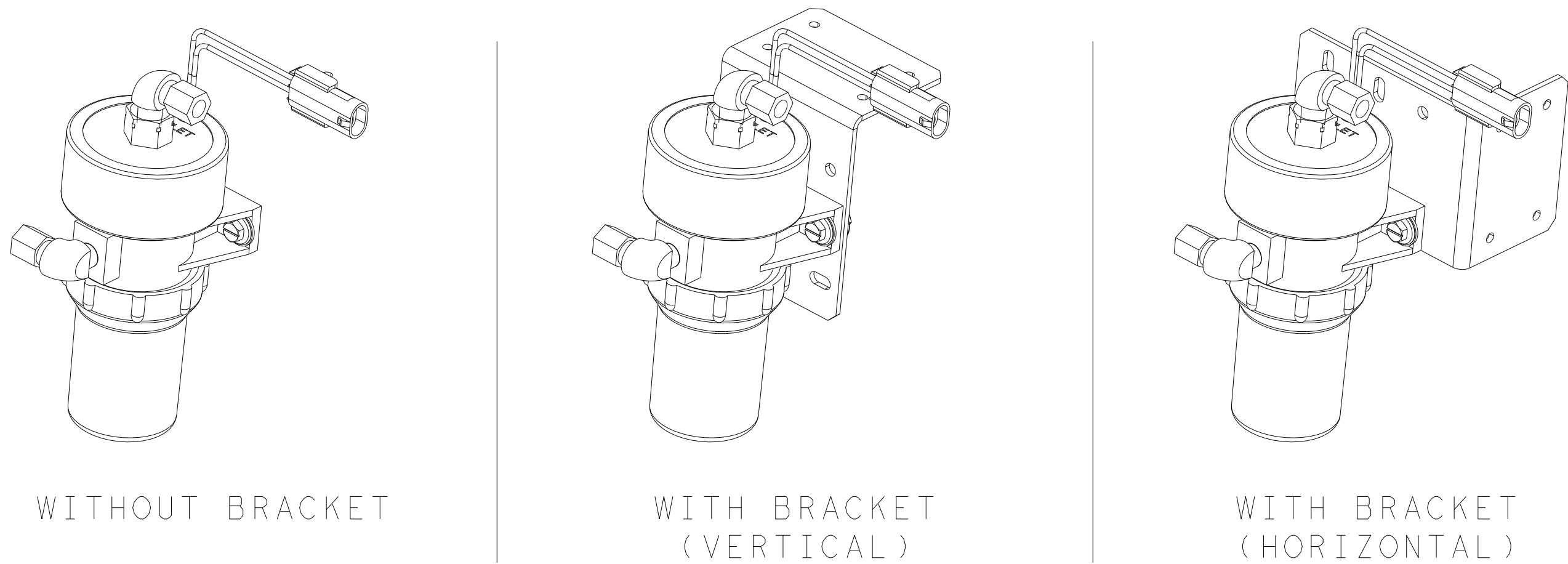
TITLE
INSTALLATION INSTRUCTION

DRAWING NO.	REV
98-03369	-
SHEET 10 OF	

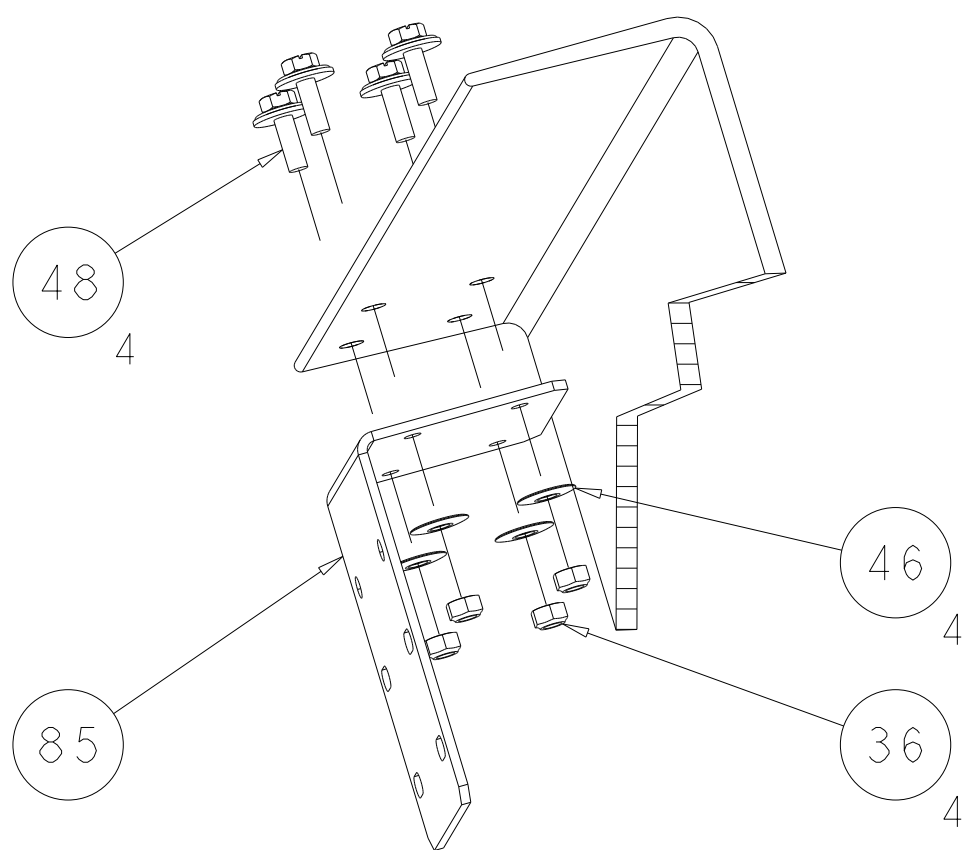
SUPERSEDES: _____

PART CLASSIFICATION: US EAR99

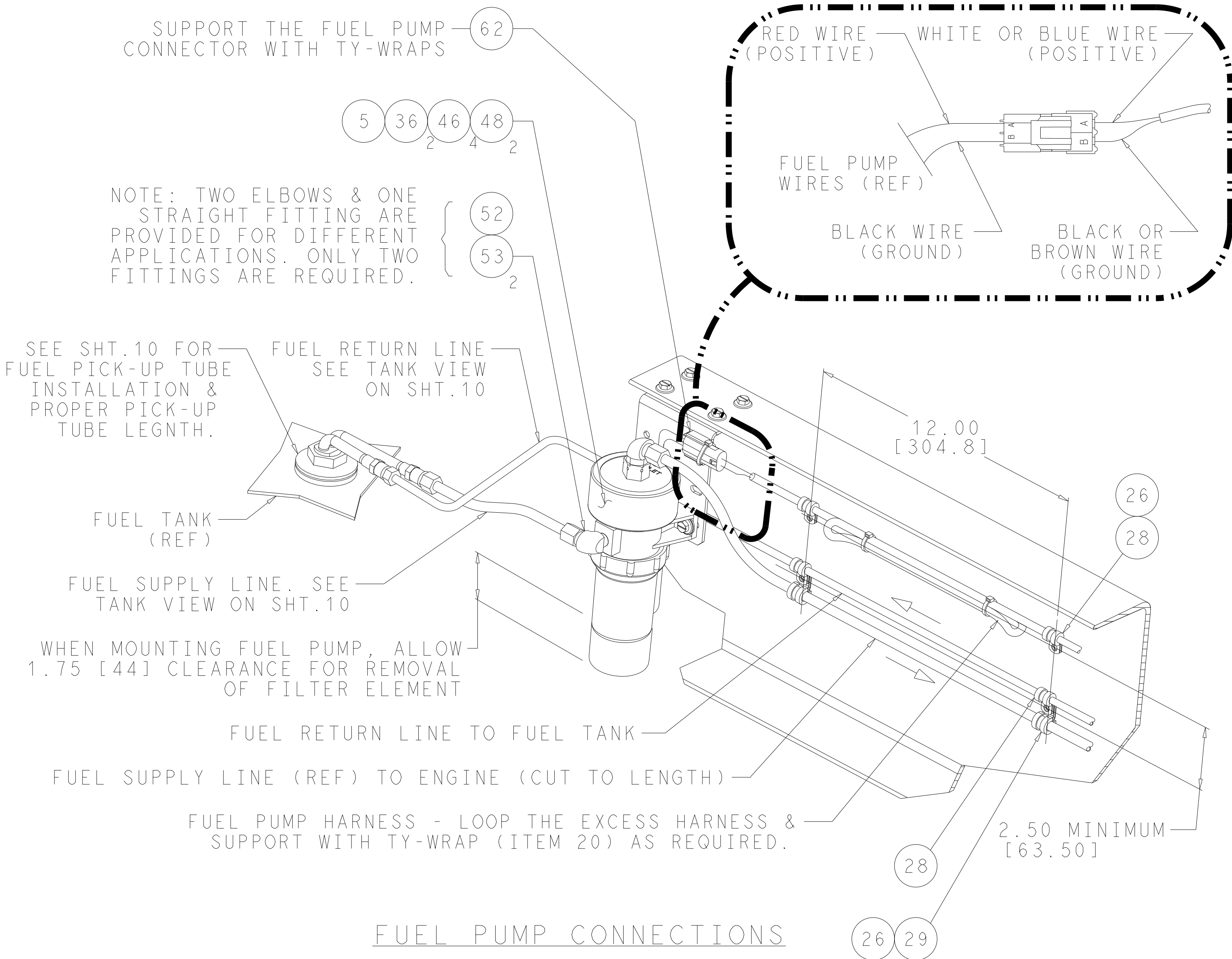
1. DETERMINE THE DESIRED LOCATION FOR THE FUEL PUMP BY USING THE FOLLOWING CRITERIA.
 - FUEL PUMP TO BE MOUNTED VERTICALLY AND AS CLOSE AS POSSIBLE TO THE FUEL TANK
 - FUEL PUMP NOT TO BE INSTALLED MORE THAN 30 INCHES [762 MM] ABOVE FUEL LINES IN THE FUEL TANK.
 - ALLOW CLEARANCE FOR REMOVAL OF FILTER ELEMENT AS NOTED IN DIAGRAM BELOW.
2. AN OPTIONAL FUEL PUMP MOUNTING BRACKET IS INCLUDED. THE BRACKET CAN BE MOUNTED VERTICALLY OR HORIZONTALLY AS NEEDED USING LOOSE HARDWARE. MAKE CERTAIN TO MOUNT THE FUEL PUMP VERTICALLY.
3. MOUNT THE FUEL PUMP AND MAKE THE FUEL PUMP HARNESS CONNECTION. VERIFY THE WIRE ORIENTATIONS AND CORRECT IF NECESSARY.
4. POSITION THE FUEL PUMP HARNESS ABOVE THE FUEL LINES AND SECURE THE HARNESS WITH ITEMS 26 & 28.
5. ROUTE AND SECURE THE FUEL LINES WITH ITEMS 26, 28 & 29.



PUMP MOUNTING OPTIONS



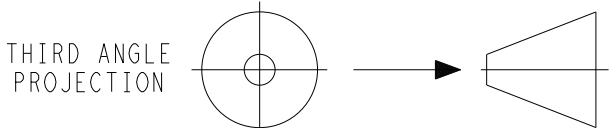
FUEL PUMP MOUNTING BRACKET
(OPTIONAL)



FUEL PUMP CONNECTIONS

FUEL LINE ROUTING/ELECTRICAL CONNECTIONS

-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



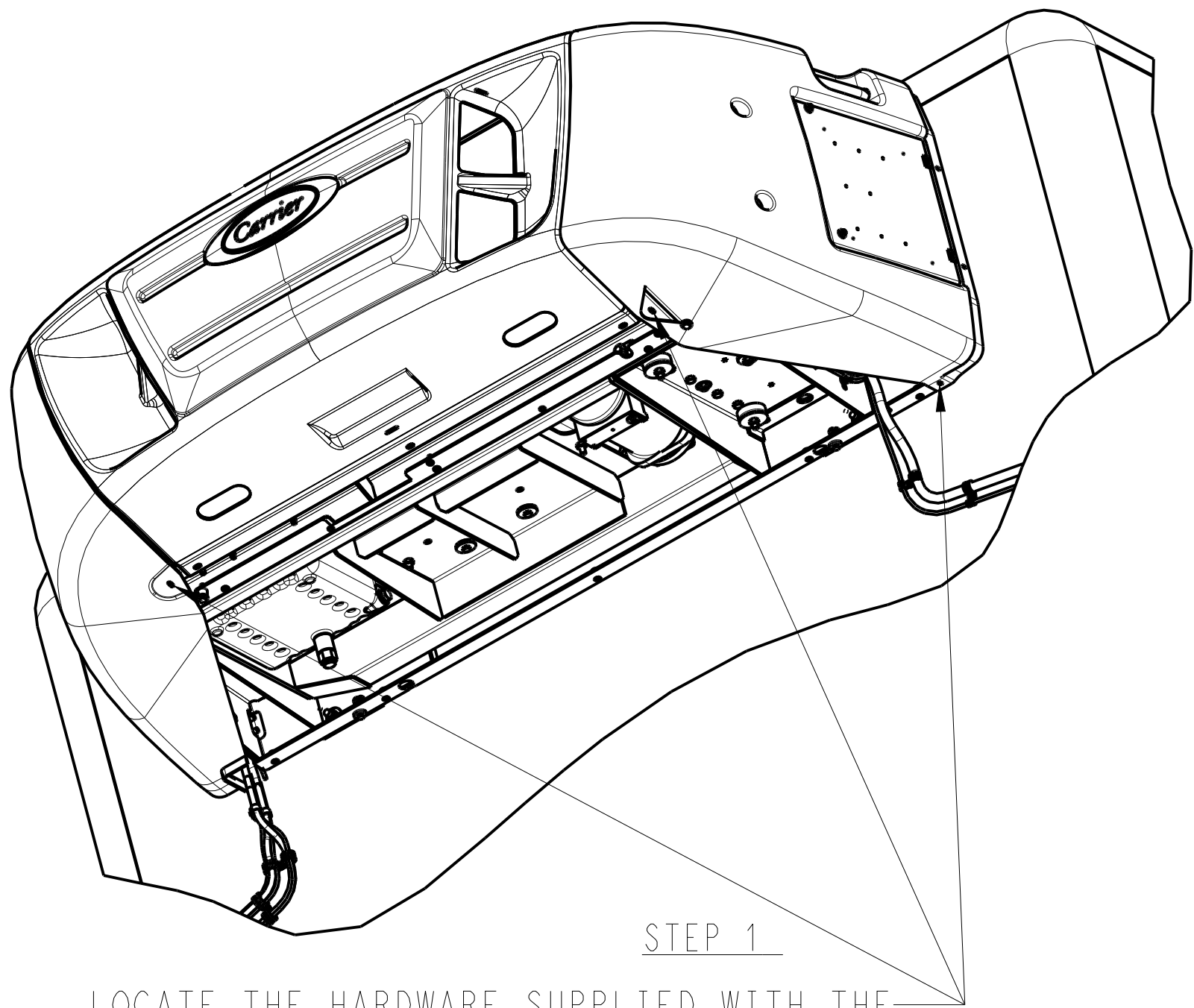
IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE
INSTALLATION INSTRUCTION

DRAWING NO.
98-03369
SHEET 11 of 1
REV
-

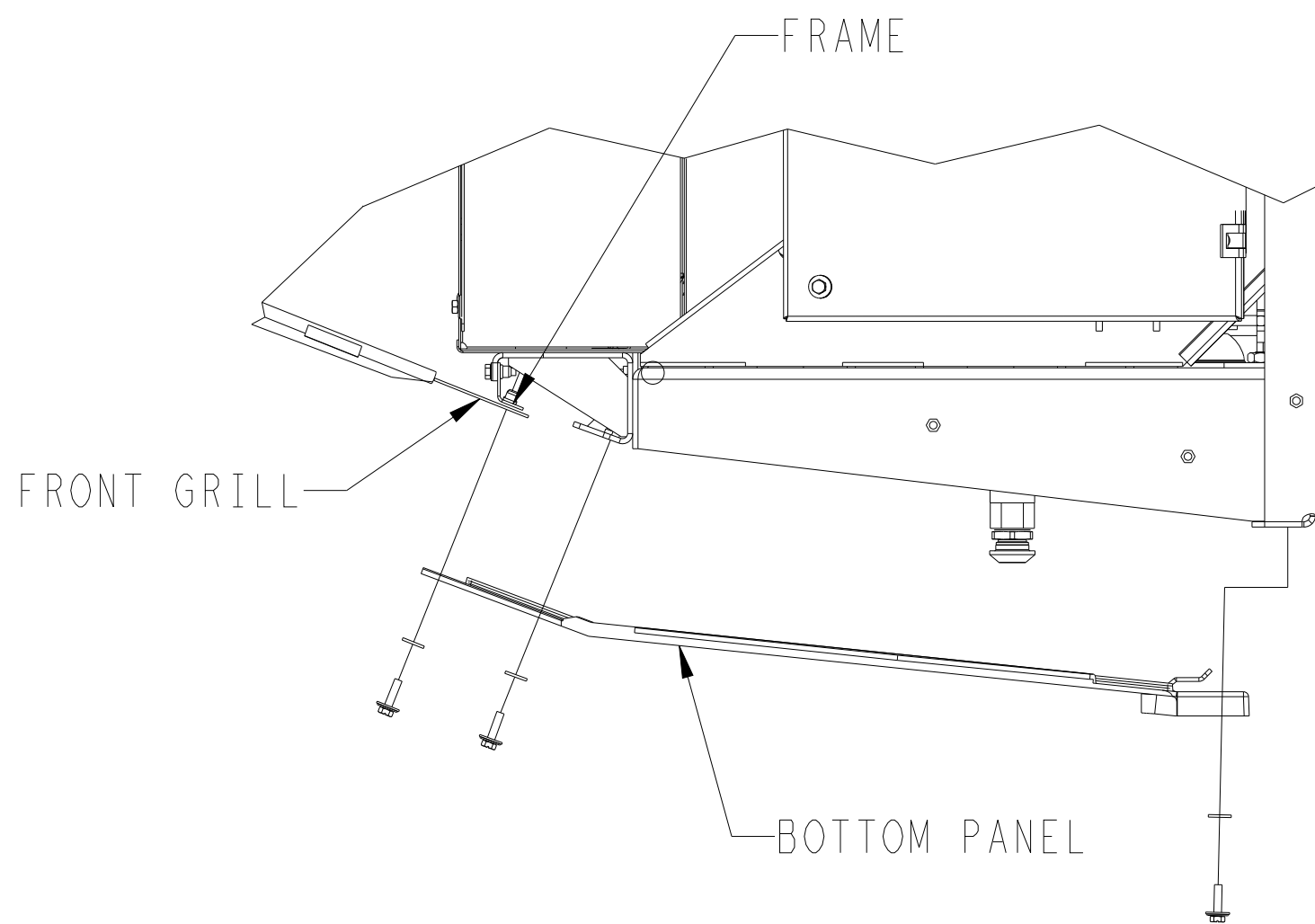
SUPERSEDES:

PART CLASSIFICATION: US EAR99



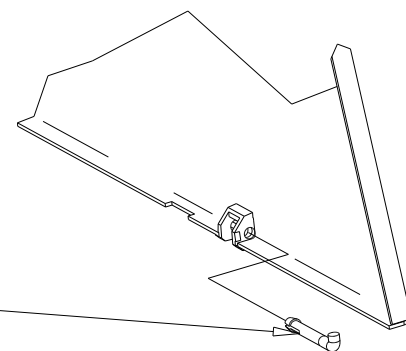
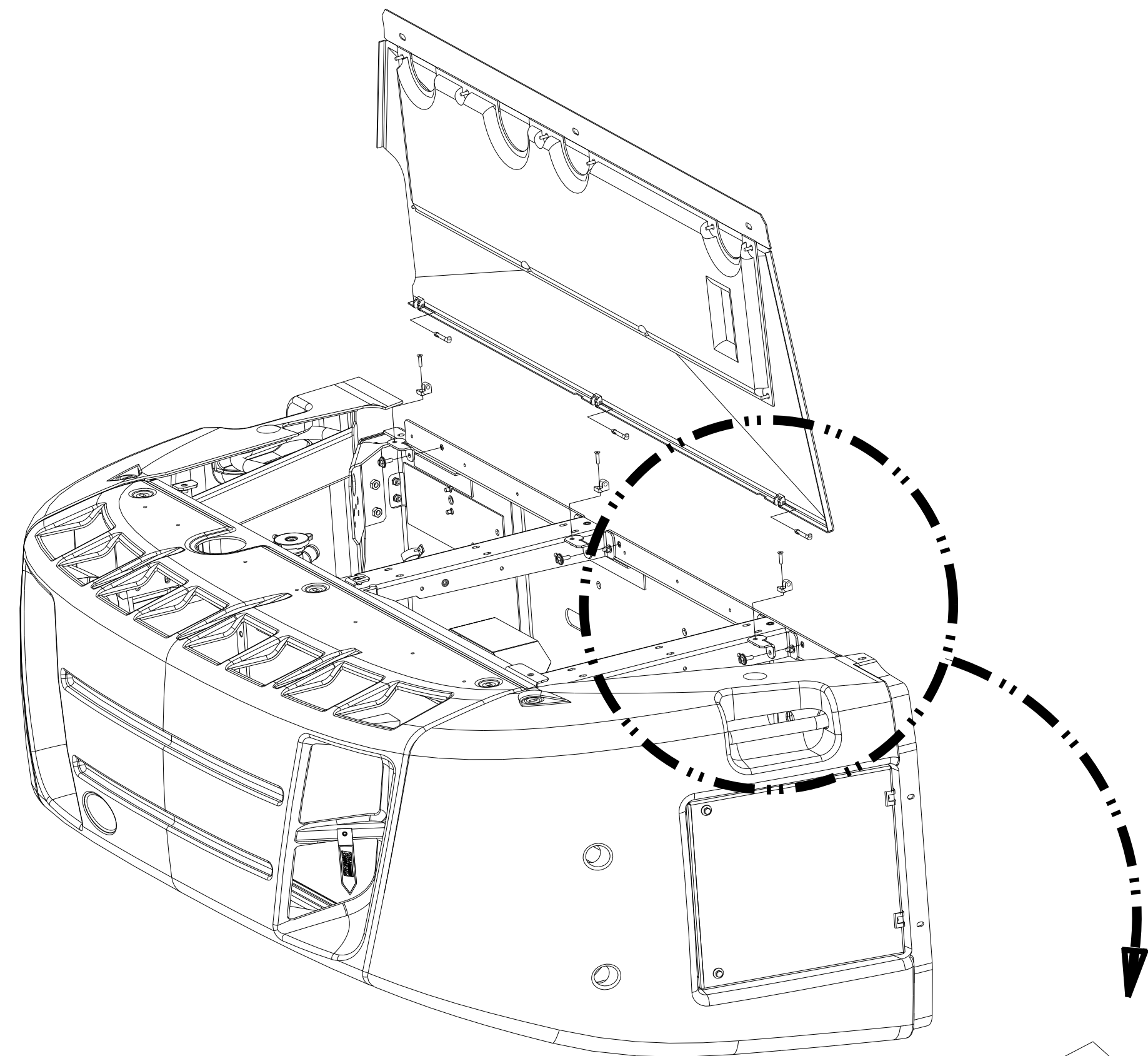
STEP 1

LOCATE THE HARDWARE SUPPLIED WITH THE
BOTTOM PANEL. USE BOLTS AND THE LARGE
NYLON WASHERS TO SECURE THE UNIT DOORS.
DO NOT OVERTIGHTEN HARDWARE.



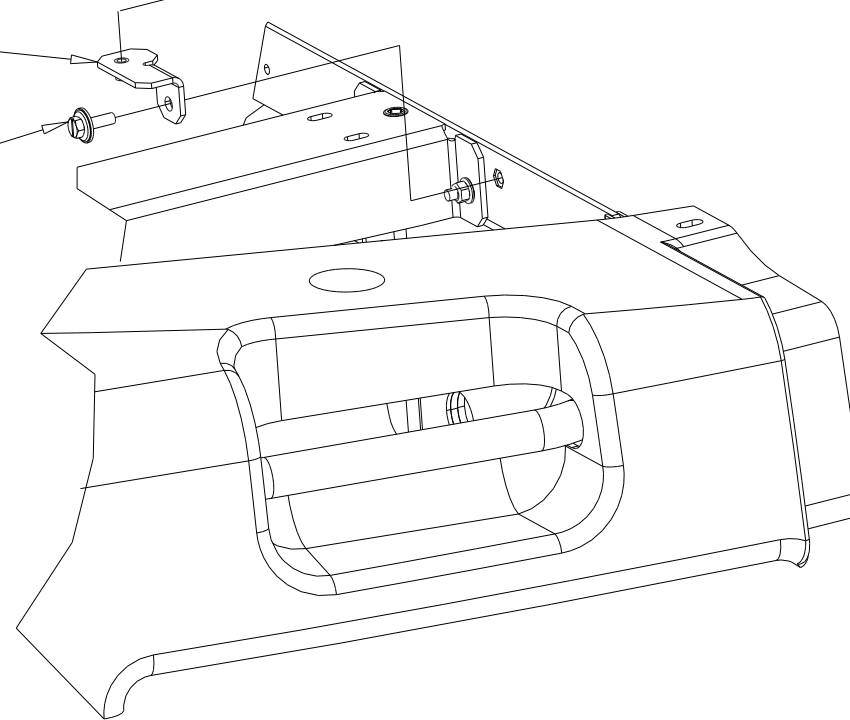
FRONT GRILLE MUST BE MOUNTED
BETWEEN FRAME AND BOTTOM PANEL

SIDE VIEW



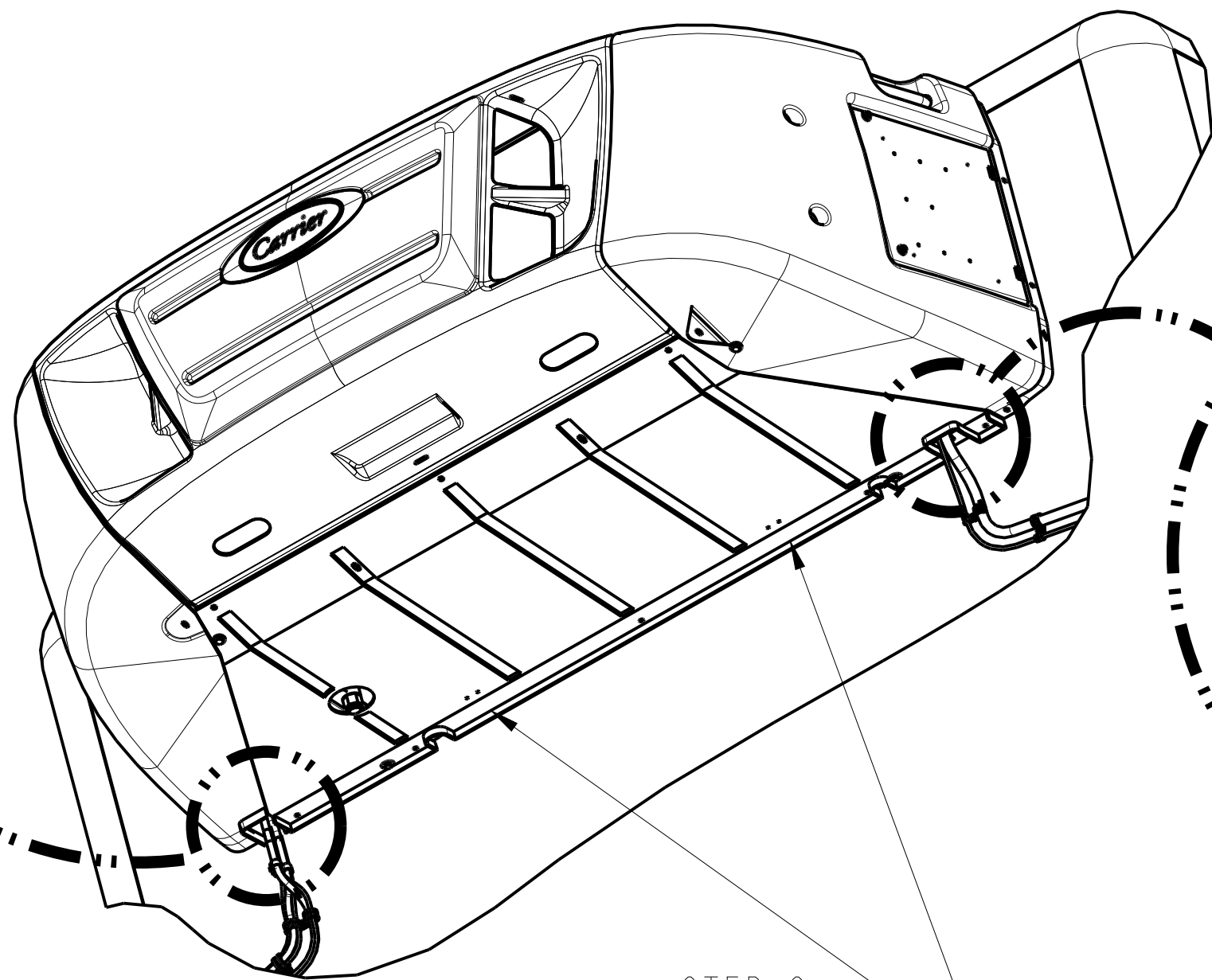
ITEMS ARE SHOWN FOR
REFERENCE PURPOSES
ONLY - (SUPPLIED
WITH TOP GRILLE KIT
OPTION)

PIN
SCREW
HINGE
BRACKET
SCREW



IMPORTANT

MAKE CERTAIN THERE IS
NO CHAFING OF ELECTRICAL AND
FUEL LINES AGAINST EDGES OR
SURFACES.



STEP 2

INSTALL THE BOTTOM PANEL BY USING THE CLIPS
LOCATED ON THE BACKSIDE TO SECURE THE PANEL
TO THE UNIT. USE BOLTS AND THE SMALL NYLON
WASHERS TO SECURE THE BOTTOM PANEL.



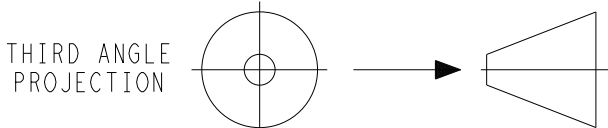
IMPORTANT

MAKE CERTAIN THERE IS
NO CHAFING OF ELECTRICAL
LINES AGAINST EDGES OR
SURFACES.

BOTTOM PANEL MOUNTING

TOP PANEL (OPTIONAL) MOUNTING

-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE
INSTALLATION INSTRUCTION

DRAWING NO.
98-03369
SHEET 12 OF

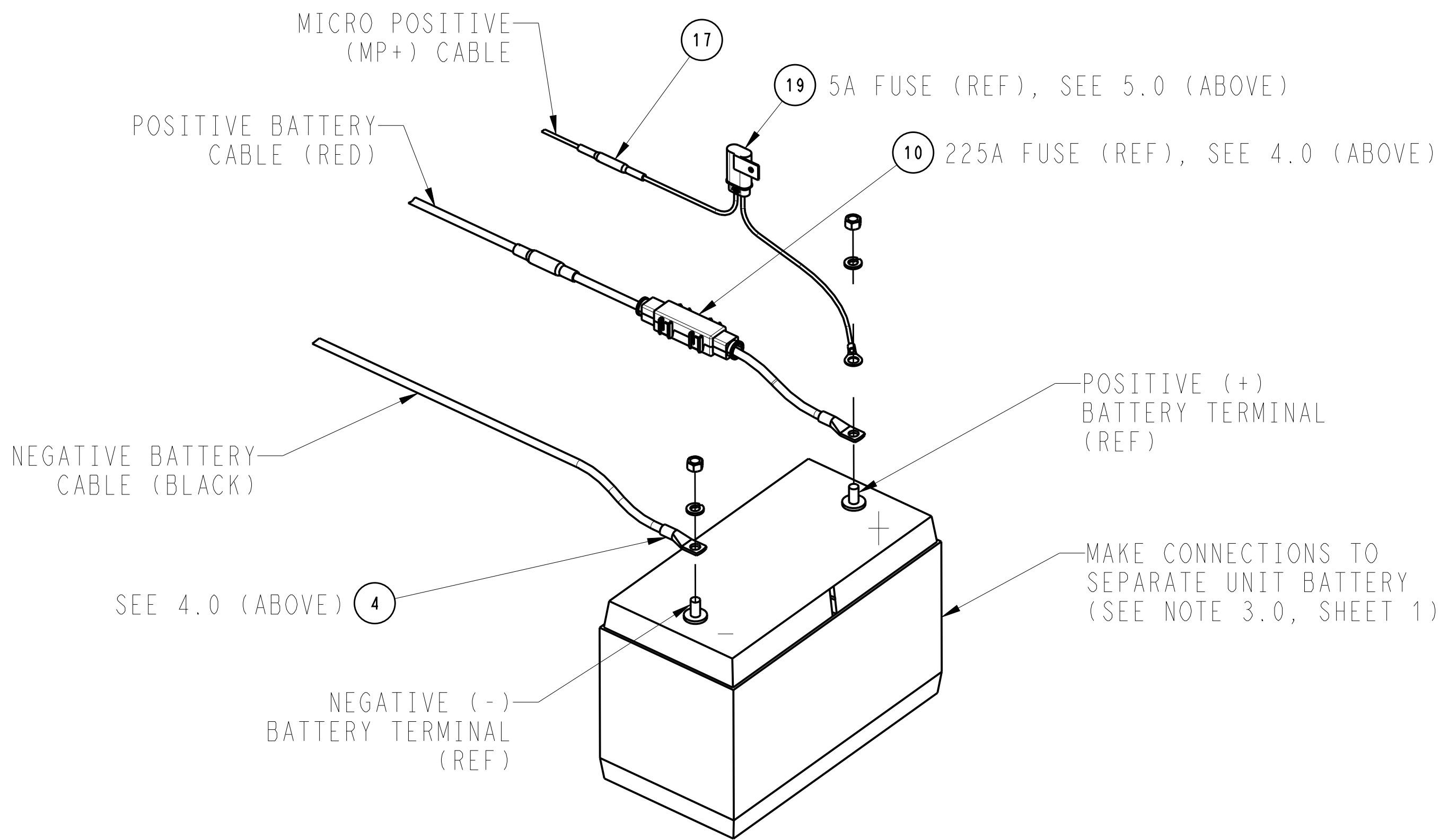
REV
1

SUPERSEDES:

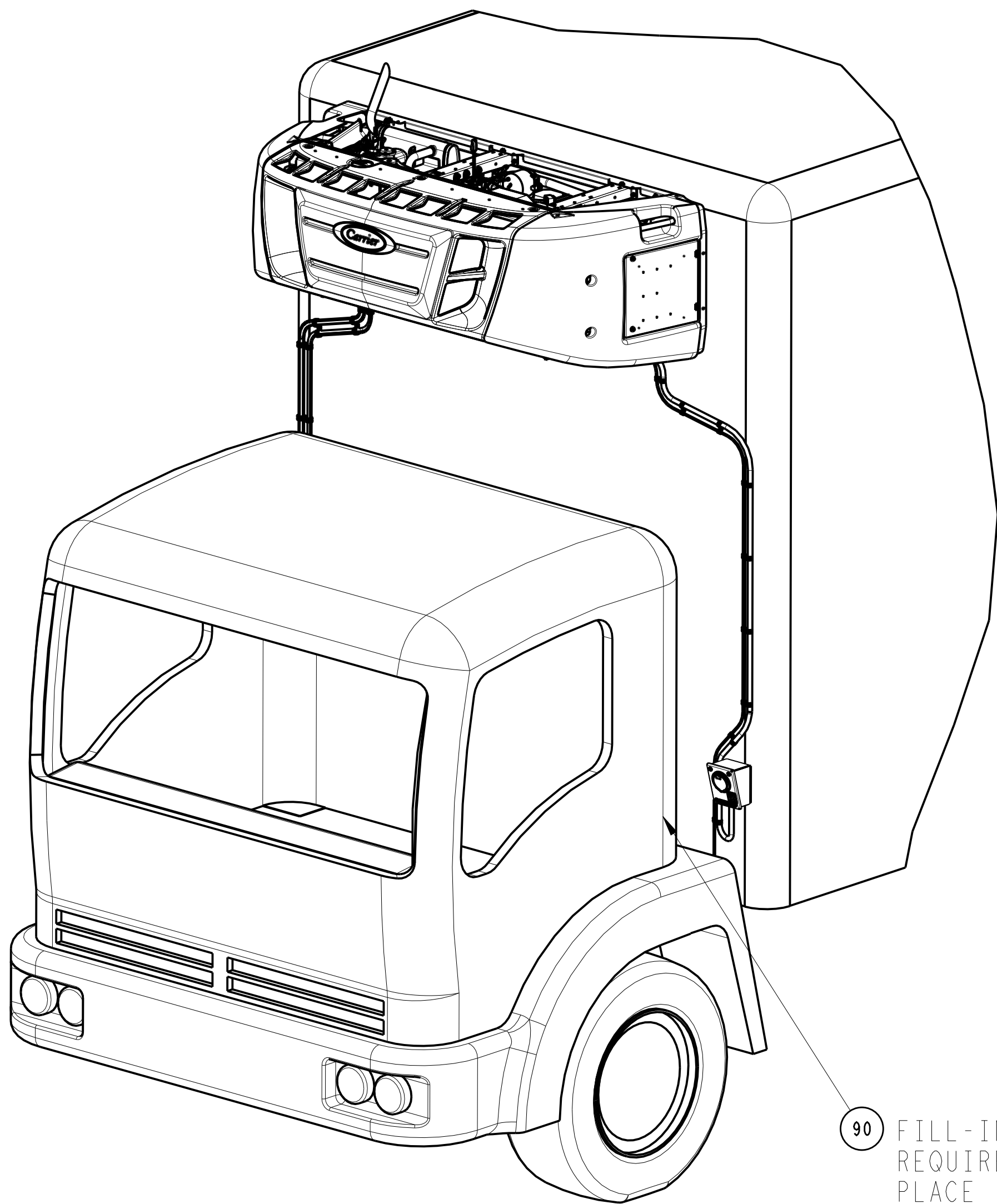
PART CLASSIFICATION: US EAR99

INSTRUCTIONS FOR BATTERY CABLE TERMINALS & MICRO POSITIVE FUSE

- 1.0 MAKE CERTAIN THE UNIT HAS NO ELECTRICAL POWER ATTACHED (AC OR DC), AND THE UNIT IS DISABLED.
APPLY LOCK OUT / TAG OUT PROCEDURE.
- 2.0 REFER TO SHEET 1 FOR BATTERY AND BATTERY BOX INFORMATION.
- 3.0 CUT THE CABLES TO THE DESIRED LEGNTH.
- WHEN STRIPPING EACH WIRE, DO NOT CUT THROUGH OR NICK INDIVIDUAL STRANDS OF WIRE.
- DO NOT USE PRE-INSULATED TERMINALS
- TAKE CAUTION THERE ARE NO LOOSE OR STRAY WIRE STRANDS WHEN CRIMPING WIRES.
- 4.0 BATTERY CABLES: STRIP EACH BATTERY CABLE 1/2".
4.1 NEGATIVE BATTERY CABLE (BLACK): INSTALL TERMINAL (ITEM 4) AND CRIMP.
4.2 POSITIVE BATTERY CABLE (RED):
4.2.1 SLIP HEAT SHRINK (SUPPLIED WITH ITEM 10) ONTO THE POSITIVE BATTERY CABLE.
4.2.2 INSERT CABLE INTO BUTT SPLICE OF ITEM 10 AND CRIMP.
4.2.3 SLIDE HEAT SHRINK OVER THE BUTT SPLICE, CENTER IT AND USE HEAT GUN TO SHRINK.
- 5.0 MICRO POSITIVE (MP+) CABLE: STRIP WIRE 1/4". SLIP THE HEAT SHRINK (ITEM 17) ONTO THE WIRE.
INSTALL WIRE TO BUTT SPLICE OF ITEM 19. CRIMP WIRE, AND HEAT SHRINK ITEM 17 OVER THE CENTER
OF THE SPLICE.
- 6.0 INSTALL THE POSITIVE BATTERY CABLE ON THE BATTERY FIRST WITH THE MICRO POSITIVE ON TOP.
THEN INSTALL THE NEGATIVE BATTERY CABLE.
- 7.0 COAT TERMINALS WITH GREASE OR SIMILAR MATERIAL TO PREVENT CORROSION.



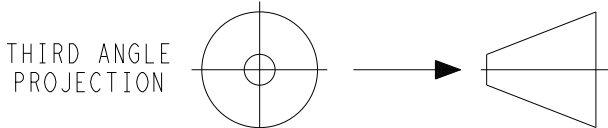
BATTERY CABLE & MP+ CABLE TERMINATION



90 FILL-IN THE INFORMATION
REQUIRED ON THE DECAL AND
PLACE INSIDE DOOR JAM.

Carrier TRANSCOLD		REFRIGERATION UNIT
MODEL :		
SERIAL NO :		
DATE IN SERVICE :		
62-04056-00		

B	ADDED IT.10 AND STEPS 4.1 THRU 4.2.3	19 JAN 2022	MGC			ECN1152725
-	INITIAL RELEASE	27 FEB 17	MGC			71N0211P17
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



IMPERIAL INCH FORMAT:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES WITH
METRIC CONVERSIONS IN [MILLIMETERS]

TITLE
INSTALLATION INSTRUCTION

DRAWING NO.
98-03369
SHEET 13 of
REV
B

SUPERSEDES: _____

PART CLASSIFICATION: US EAR99

DRAWING CLASSIFICATION: US EAR99