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Carrier Corporation
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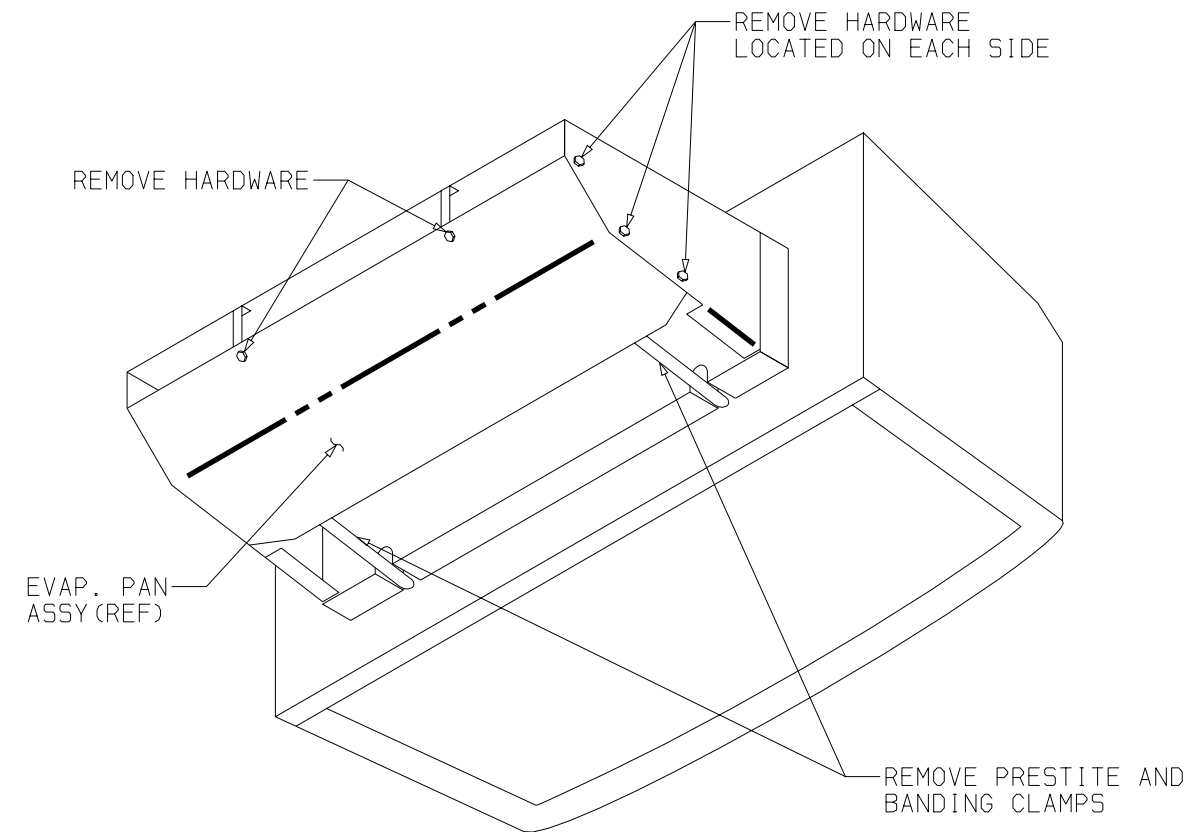
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PART NO.	MODEL DESCRIPTION
98-03219-00	ELECTRIC HEAT ONLY

ELECTRIC HEAT INSTALLATION PROCEDURE

CAUTION: TURN THE UNIT OFF, DISCONNECT THE BATTERY & ALLOW SUFFICIENT TIME FOR THE ENGINE & ITS FLUIDS TO COOL BEFORE PROCEEDING.

NOTE: IT IS EXTREMELY IMPORTANT THAT THE UNIT REMAIN DISABLED THROUGHOUT THIS PROCEDURE.



- 1.) REMOVE EVAPORATOR DRAIN PAN ASSEMBLY FROM UNIT (RETAIN HARDWARE FOR RE-ASSEMBLY). ONCE THE DRAIN PAN HAS BEEN REMOVED, REMOVE THE EXISTING PRESTITE (IF PRESENT) FROM THE DRIP PAN OF THE EVAPORATOR.

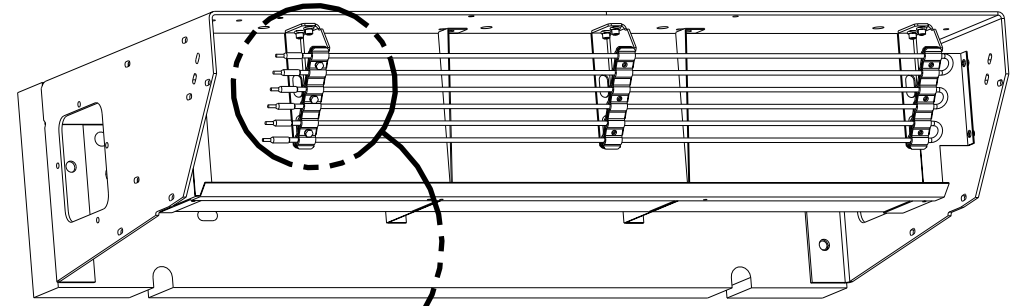
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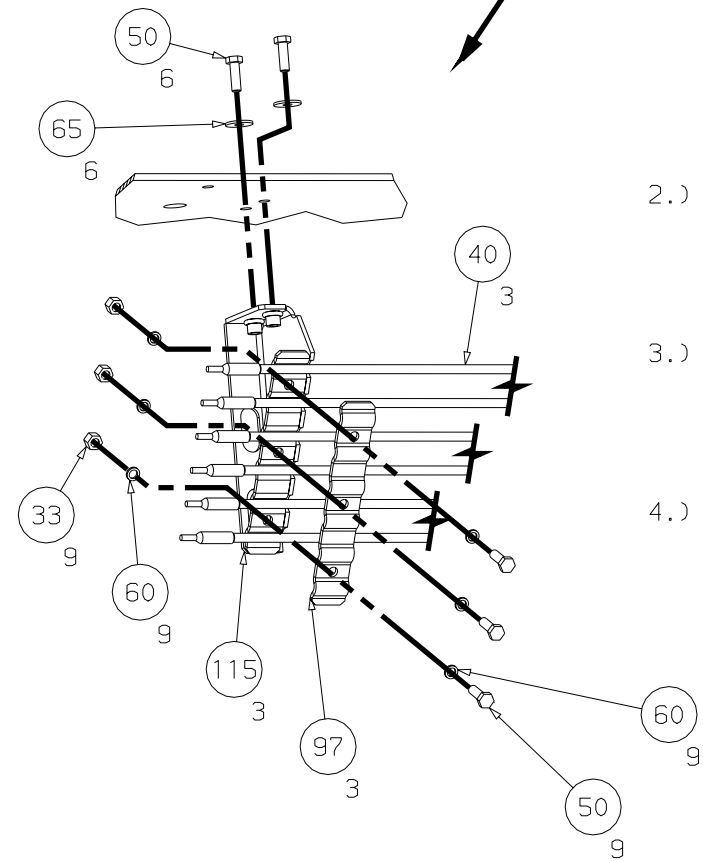
DESCRIPTION	SHEET NO.	REVISION
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SEE SEPARATE PARTS LIST

-	INITIAL RELEASE PER PCA71N2126P01					MGC	7-24-98	SUPERSEDES	TITLE	INSTALLATION INSTRUCTIONS 6722/44 ELECTRIC HEAT KIT	DRAWING NO.	98-03219	REV	-
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HEATER MOUNTING



- 2.) LOOSELY ASSEMBLE THE HEATERS (IT.40) TO THE HEATER BRACKET ASSY'S (IT.115) WITH HARDWARE SHOWN. NOTE: THE SMALLER WASHERS (IT.60) SHOULD BE USED TO MOUNT THE HEATERS.
- 3.) LOOSELY INSTALL THE ASSEMBLY INTO THE EVAPORATOR WRAPPER MAKING CERTAIN EACH BRACKET ALLIGNS CORRECTLY WITH THE EVAPORATOR WRAPPER MOUNTING HOLES.
- 4.) TIGHTEN ALL HARDWARE. IT MAY BE NECESSARY TO REMOVE THE ASSEMBLY IN ORDER TO TIGHTEN THE BOLTS THAT SECURE THE HEATERS. REINSTALL ASSEMBLY.

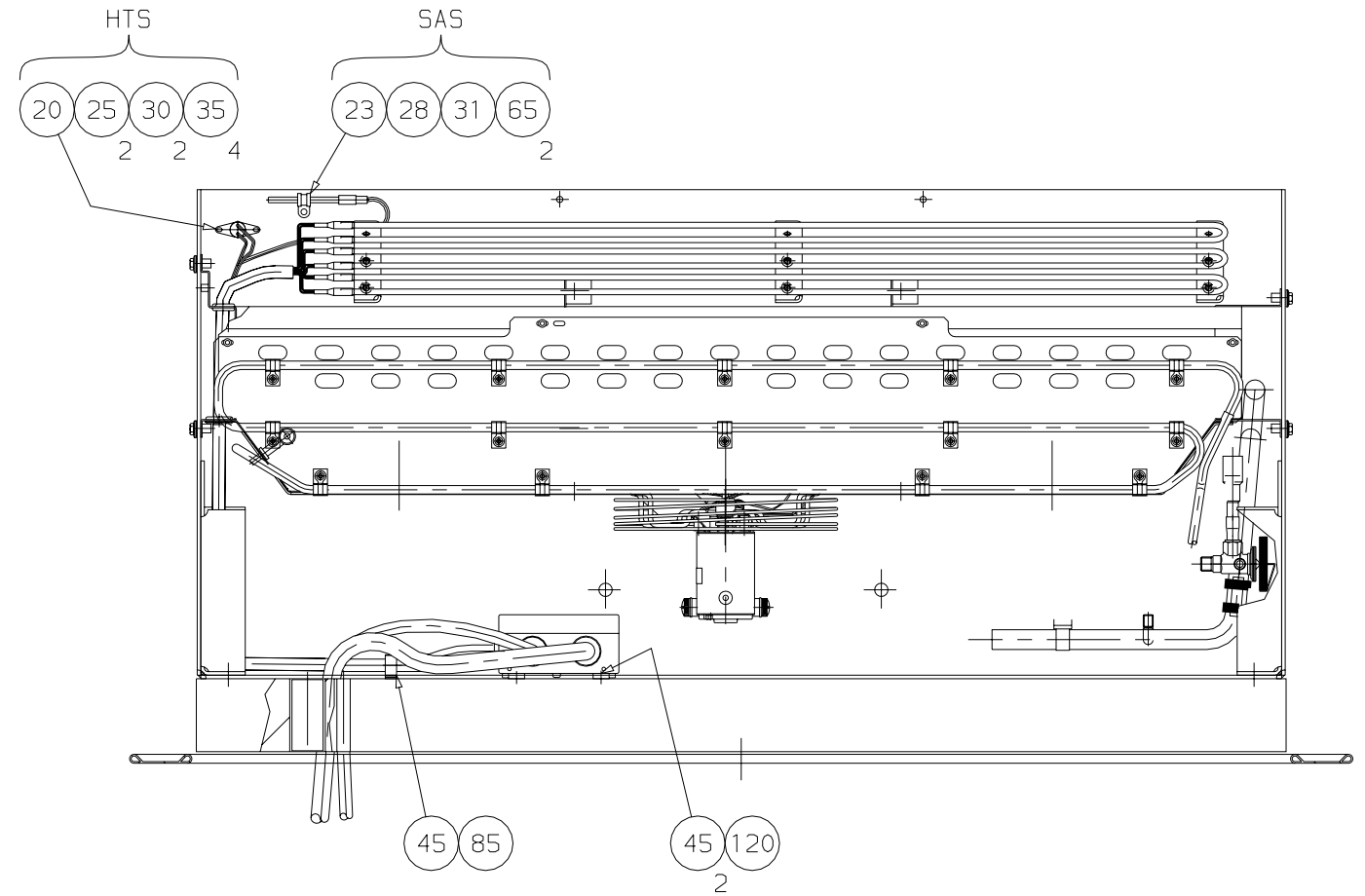


FIGURE A

- 5.) MOUNT THE SUPPLY AIR SENSOR (SAS (IT.23)) AND THE HIGH TEMPERATURE SAFETY (HTS (IT.20)) TO THE EVAPORATOR WRAPPER AS SHOWN IN "FIGURE A".
- 6.) REMOVE THE JUNCTION BOX (IT.120) COVER & LOCATE THE BOX INSIDE THE BULKHEAD AS SHOWN IN "FIGURE B".
- 7.) MARK THE POSITION OF THE MOUNTING HOLES. USING A #8 (0.199 DIA) DRILL BIT, DRILL THE TWO HOLES FOR THE BOX & THE ONE HOLE FOR THE CLAMP.
- 8.) MOUNT THE JUNCTION BOX & CLAMP (SEE "FIGURE A").

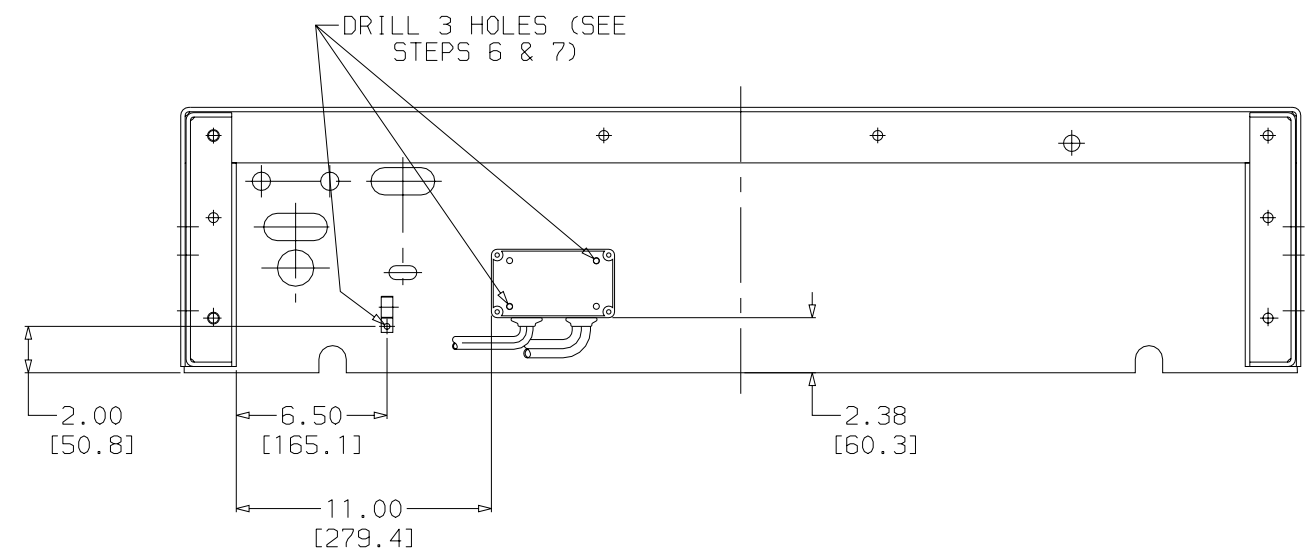


FIGURE B

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-	INITIAL RELEASE PER PCA71N2126P01					MGC	7-24-98	SUPERSEDES	TITLE	INSTALLATION INSTRUCTIONS SUPRA 6/722/44 - ELECTRIC HEAT KIT	DRAWING NO. 98-03219	REV -
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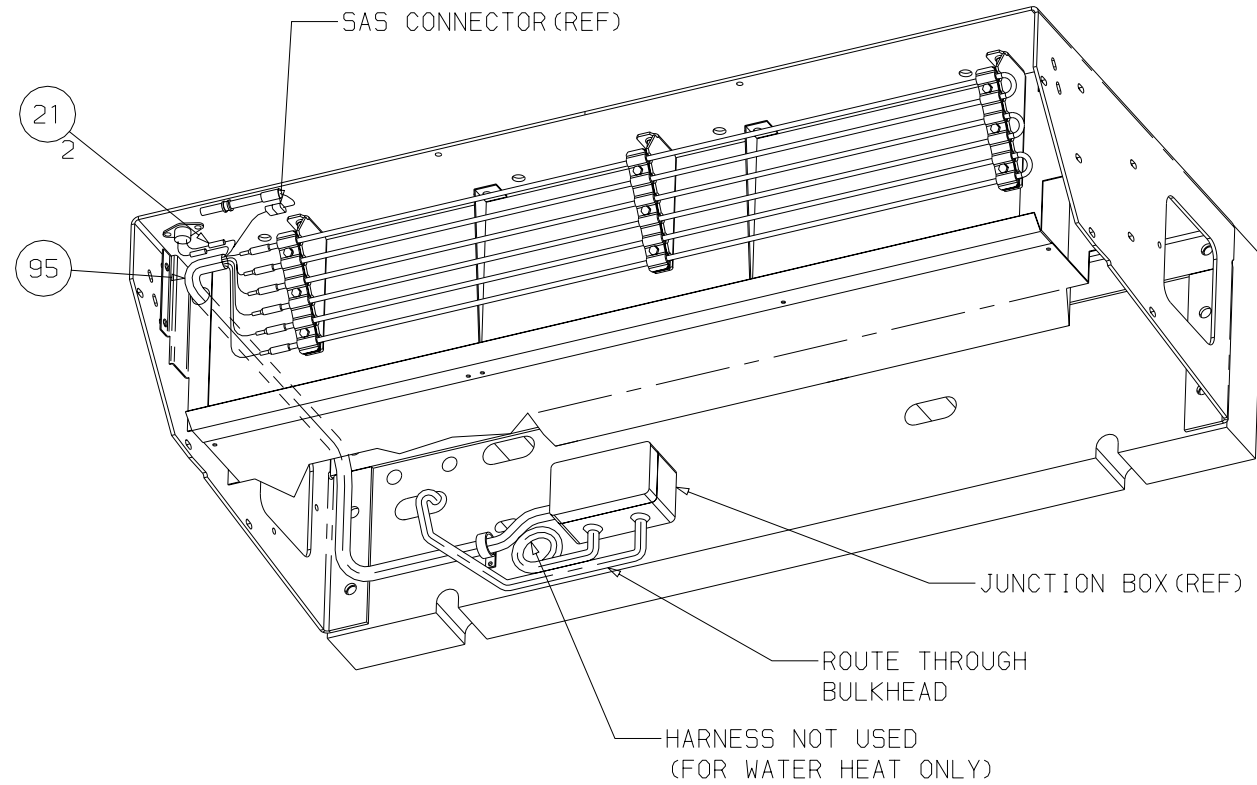


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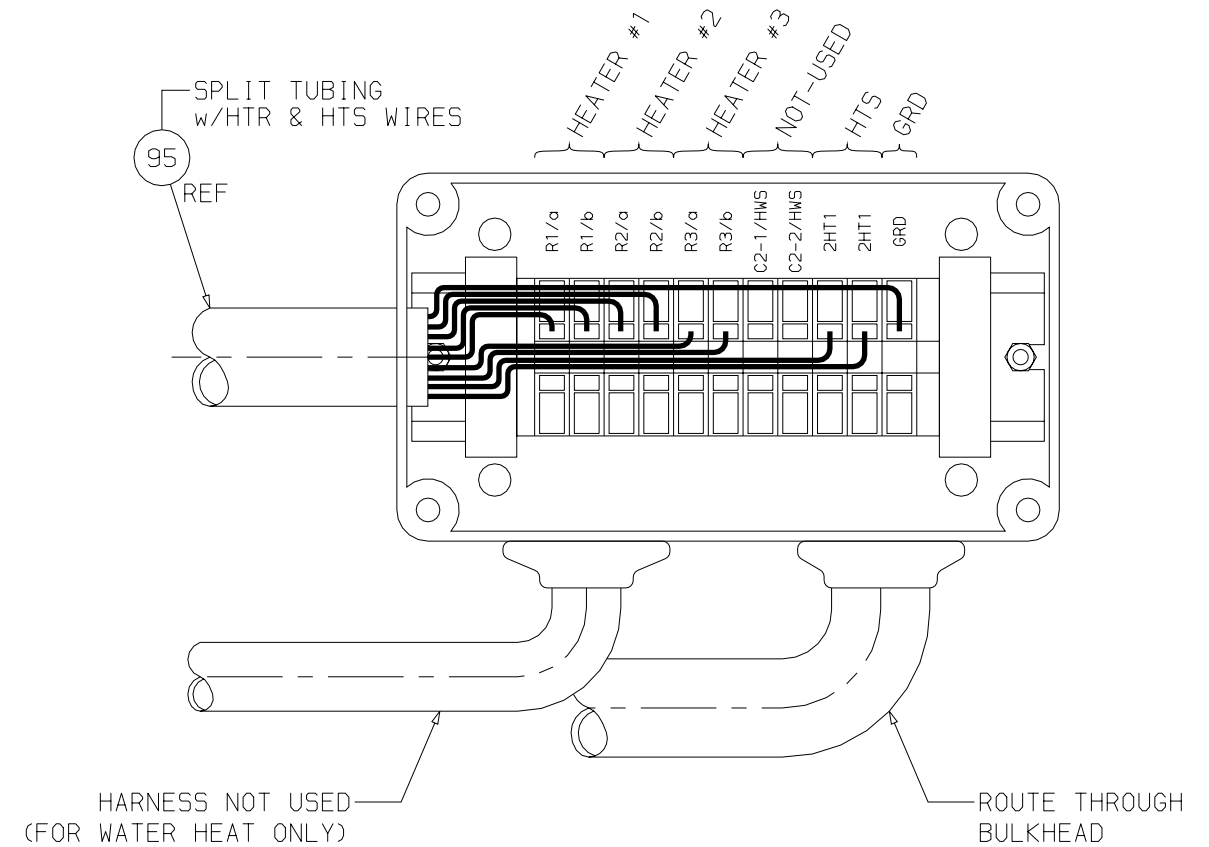
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- 9.) USE THE WIRE ASSEMBLY SUPPLIED (MARKED 2HT1) TO CONNECT THE HTS. USE BUTT SPLICES (IT.21) TO MAKE THE CONNECTIONS.
- 10.) PLUG THE SAS INTO THE EXISTING HARNESS CONNECTOR.
- 11.) SEPARATE THE HEATER WIRES INTO PAIRS OF EACH HEATER ROD. TAPE EACH PAIR TOGETHER.
- 12.) ROUTE THE HEATER WIRES ALONG WITH THE HTS WIRES THROUGH THE SPLIT TUBING (IT.95) AND THROUGH THE COIL AS SHOWN. ROUTE THE WIRES TO THE "JUNCTION BOX".
- 13.) REMOVE THE FLAG TERMINALS LOCATED ON THE HTS (2HT1) WIRES.
- 14.) TRIM ALL WIRES TO THE APPROPRIATE LENGTHS TO MAKE CONNECTIONS INSIDE OF THE JUNCTION BOX. TRIM 1/4" OFF OF EACH WIRE & MAKE CONNECTIONS AS SHOWN IN THE "JUNCTION BOX DIAGRAM".
- 15.) ROUTE THE HARNESS SHOWN THROUGH THE EVAPORATOR BULKHEAD. ADD CAULKING AROUND THE OPENING TO PREVENT AIR LEAKS.
- 16.) ADD TY-WRAPS (IT.75) AS REQUIRED TO SUPPORT LOOSE HARNESES.
- 17.) REINSTALL DRAIN-PAN USING PREVIOUSLY REMOVED HARDWARE & NEW PRESTITE (IT.8).

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JUNCTION BOX DIAGM

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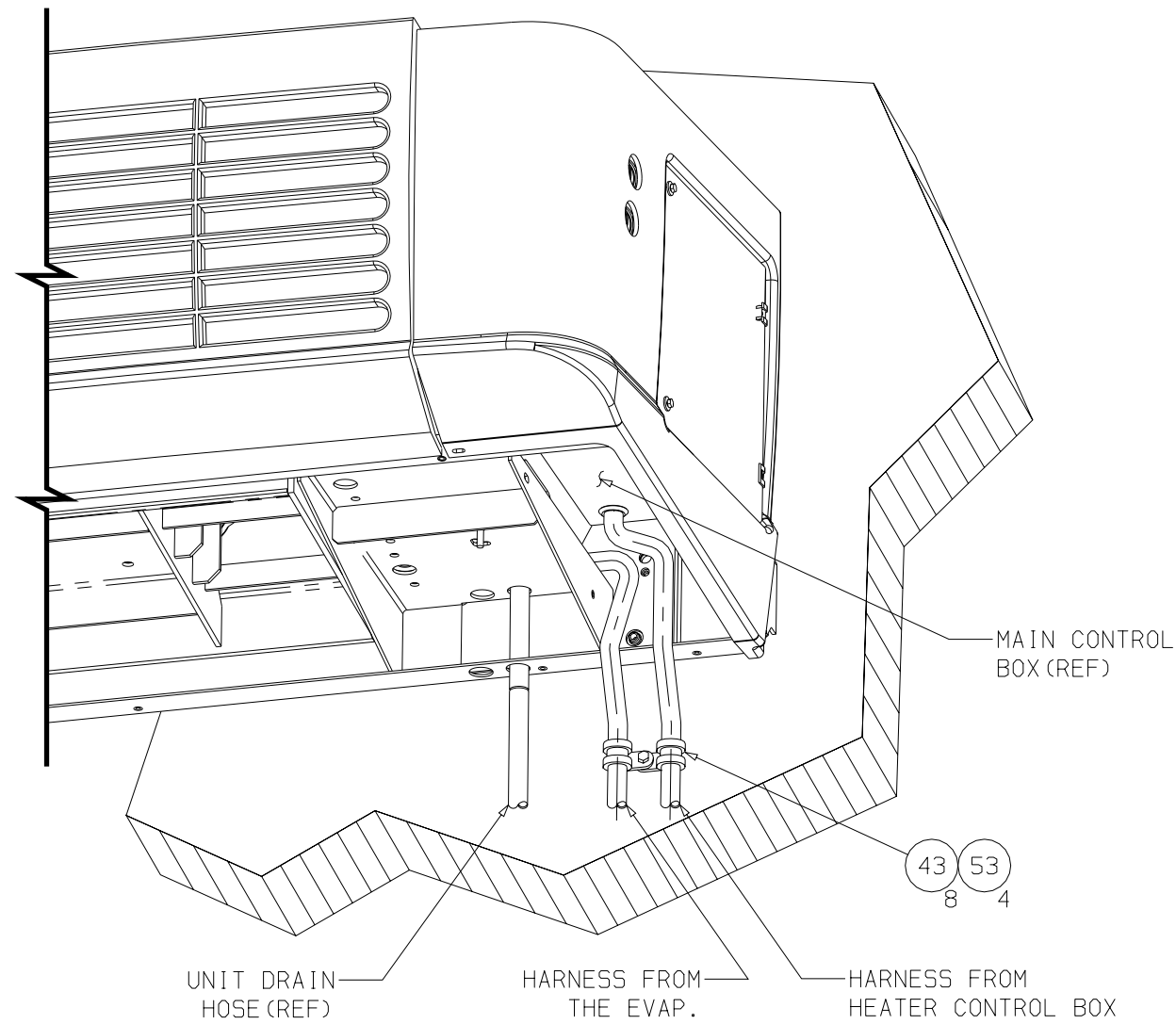
-	INITIAL RELEASE PER PCA71N2126P01					MGC	7-24-98	SUPERSEDES	TITLE	INSTALLATION INSTRUCTIONS SUPRA 6/722/44 - ELECTRIC HEAT KIT	DRAWING NO. 98-03219	REV -
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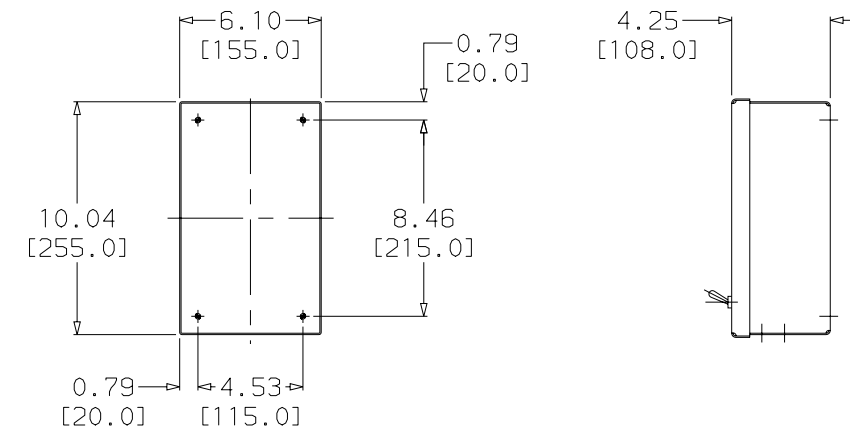
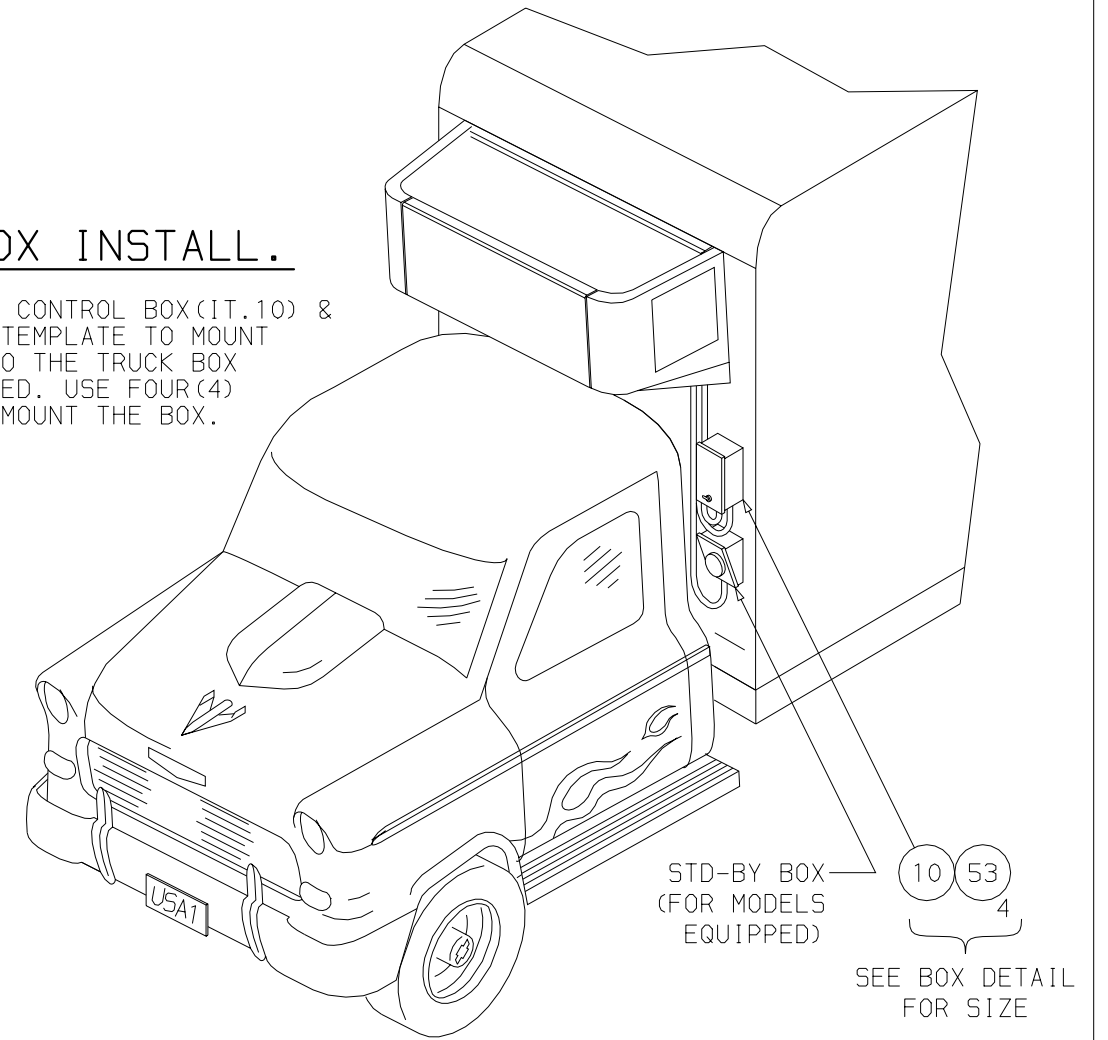


- 18.) ROUTE THE WIRES THROUGH THE BOTTOM OF THE UNIT DOWN THE FRONT OF THE TRUCK BODY.
- 19.) REFER TO "HEATER BOX INSTALL." FOR MOUNTING THE "HEATER CONTROL BOX(IT.10)".
- 20.) ROUTE THE HARNESS FROM THE EVAPORATOR JUNCTION BOX TO THE "HEATER CONTROL BOX". ROUTE THE HEATER CONTROL BOX HARNESS TO THE "MAIN CONTROL BOX".
- 21.) SECURE THE HARNESSES TO THE TRUCK WALL WITH CLAMPS(IT.43) & HARDWARE(IT.53).

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HEATER BOX INSTALL.

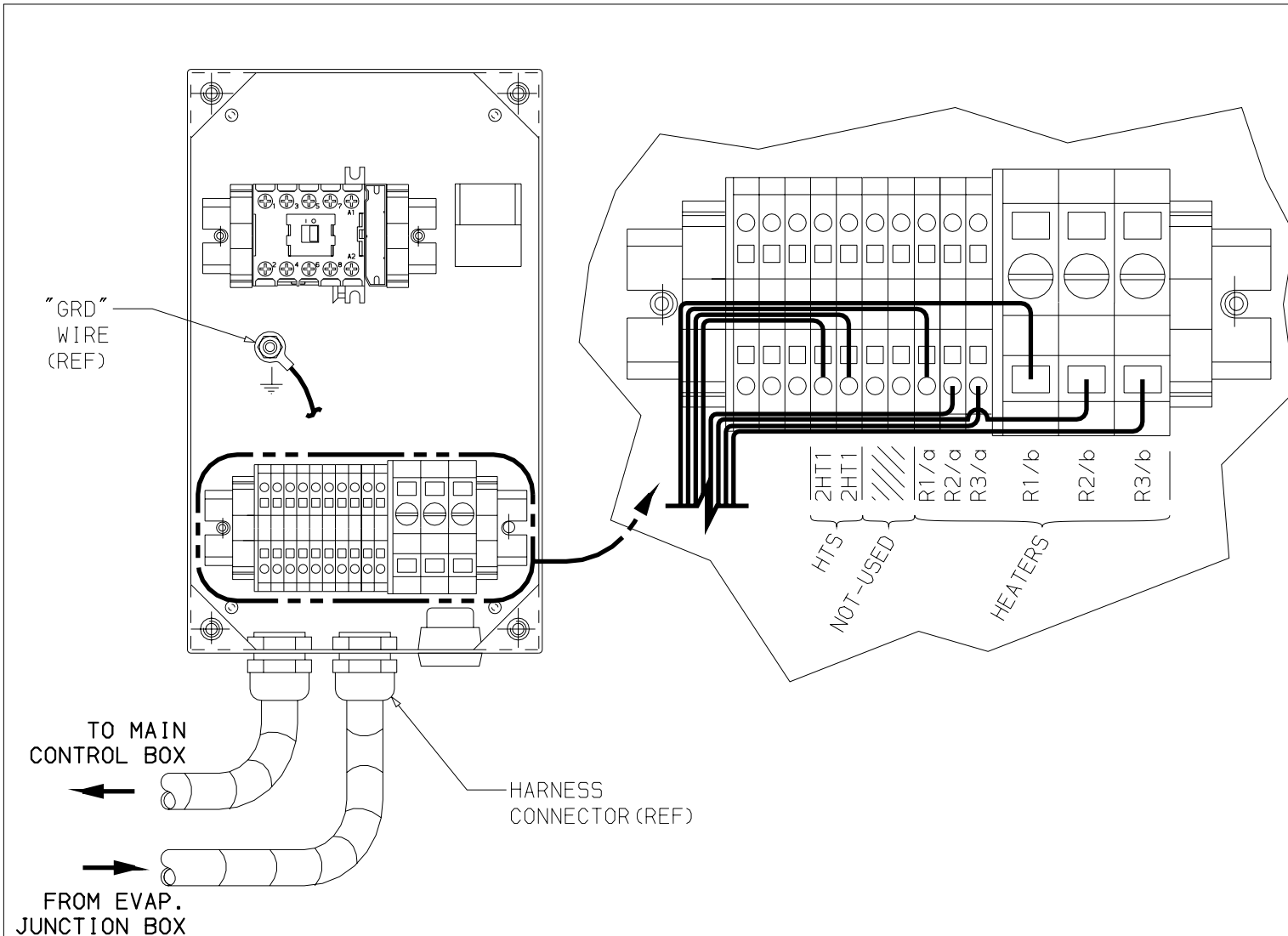
REMOVE THE LID OF CONTROL BOX(IT.10) & USE THE BOX AS A TEMPLATE TO MOUNT THE CONTROL BOX TO THE TRUCK BOX IN LOCATION DESIRED. USE FOUR(4) SCREWS(IT.53) TO MOUNT THE BOX.



SHOWN w/o DOOR

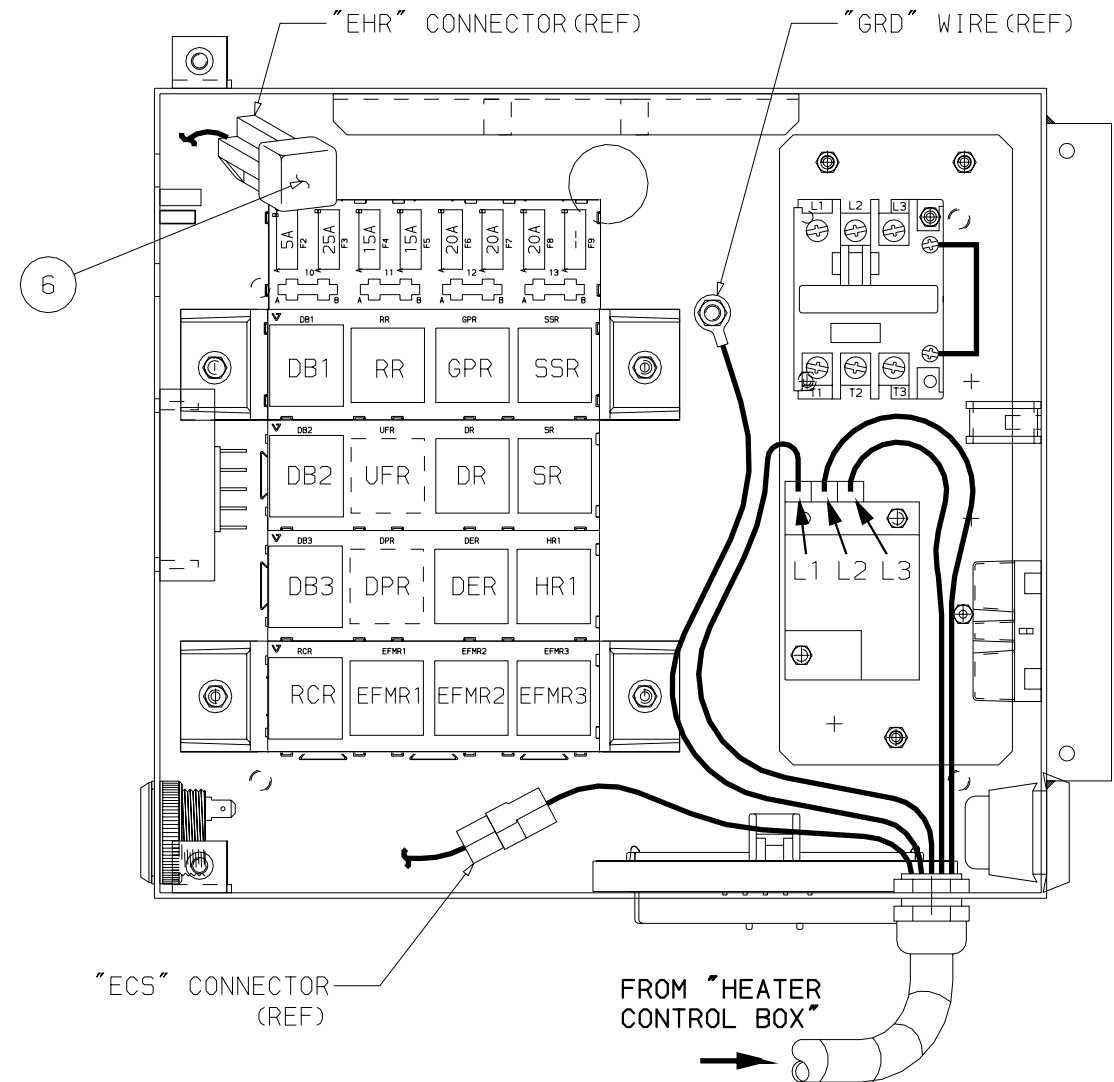
BOX DETAIL

-	INITIAL RELEASE PER PCA71N2126P01					MGC	7-24-98	SUPERSEDES	TITLE	INSTALLATION INSTRUCTIONS SUPRA 6/722/44 ELECTRIC HEAT KIT	DRAWING NO. 98-03219	REV -
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- 22.) SECURE THE HARNESS CONNECTOR TO THE "HEATER CONTROL BOX".
- 23.) INSTALL THE GROUND WIRE "GRD" TO THE GROUND STUD. STRIP 1/4" OF INSULATION FROM EACH WIRE AND MAKE REQUIRED CONNECTIONS.

ASSEMBLY NOTE: MAKE SURE THAT EACH PAIR OF HEATER WIRES ARE INSTALLED CORRECTLY.
EXAMPLE: INSTALL EACH PAIR OF WIRES ONE AT A TIME BY REMOVING THE TAPE FROM ONE PAIR AND INSTALL ONE WIRE INTO R1/a AND THE OTHER INTO R1/b. THE NEXT PAIR SHOULD BE INSTALLED ONE WIRE INTO R2/a AND THE OTHER INTO R2/b. THE LAST PAIR SHOULD USE ONE WIRE INTO R3/a AND THE OTHER INTO R3/b.



- 24.) SECURE THE HARNESS CONNECTOR TO THE "MAIN CONTROL BOX".
- 25.) INSTALL THE GROUND WIRE "GRD" TO THE GROUND STUD.
- 26.) FIND THE CONNECTOR WITH WIRES MARKED "EHC" INSIDE THE LOWER PORTION OF THE "MAIN CONTROL BOX" AND PLUG IN THE CONNECTOR.
- 27.) INSTALL THE RED WIRES MARKED L1, L2 & L3 INTO THE OVERLOAD AS SHOWN.
- 28.) FIND THE CONNECTOR WITH WIRES MARKED "EHR" INSIDE THE UPPER PORTION OF THE CONTROL BOX AND INSTALL THE RELAY (IT.6).
- 29.) RECONNECT THE UNIT BATTERY AND RUN-TEST THE UNIT CHECKING FOR PROPER OPERATION.
- 30.) REINSTALL ALL CONTROL BOX DOORS/PANELS.

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