CONTROL BOARD INSTALLATION NOTES:
1. LOCATE THE BASIC II CONTROL BOARD INSIDE THE VEHICLE OR IN AN EXCLUDED ELECTRICAL COMPARTMENT.
   DO NOT LOCATE EXTERNAL TO THE VEHICLE, IN A LOCATION WHERE IT IS EXPOSED TO MOISTURE, OR IN THE
   ENGINE COMPARTMENT OR OTHER AREA WHERE IT WILL BE EXPOSED TO TEMPERATURES AT OR EXCEEDING 130°F (55°C).
   MARK AND DRILL HOLES USING A DRILL TEMPLATE.
   DO NOT USE CONTROL BOARD ASSEMBLY AS A DRILL TEMPLATE.
2. LOCATE POWER FUSES WITHIN 4 FT OF POWER SOURCE AND BEFORE PASSING THROUGH ANY PARTITIONS.
   FUSES LOCATED ELSEWHERE MUST BE PRE-APPROVED BY TRANS/AIR ENGINEERING DEPARTMENT.
GENERAL INSTALLATION NOTES:
3. REFER TO BOARD CONNECTION DETAIL BEFORE MAKING ANY WIRE CONNECTIONS TO BOARD.
4. USE ONLY BATTERY OR ALTERNATOR POSITIVE POST OR ADEQUATE OEM-PROVIDED STUD FOR POWER PICK-UP
   POINT. WHEN USING OEM-PROVIDED STUD, VERIFY OEM FEEDER TO STUD AND ANY CIRCUIT PROTECTION
   UPSTREAM OF STUD ARE SUFFICIENTLY FOR ADDED A/C LOAD.
5. SECURE ALL WIRES AND CABLES TO MINIMIZE WIRE STRAIN AT CONTROL BOARD AND FUSE CONNECTIONS.
6. GROUND TO CHASSIS AT CLOSEST POINT TO MINIMIZE VOLTAGE DROP.
7. USE ITEMS 16 AND 19 TO SECURE HARNESS AT RELAY BOARD.
8. USE ITEMS 17 AND 19 TO SECURE HARNESS AT RELAY BOARD.
9. SEE CONNECTOR DETAILS ON SHEET 3.
CRIMP MALE TERMINALS TO EVAPORATOR LEADS. USE CRIMP TOOL, AMP P/N HHHT 90384-1 FOR 10 GA, AND AMP P/N 90382-2 FOR 14 GA.

SLIDE CLAMPED END OF ITEM 21, CABLE STRAIN RELIEF CLAMP OVER EVAPORATOR LEADS SO THAT THE THREADS FACE THE TERMINALS, AS SHOWN. INSERT TERMINALS INTO SPECIFIED POSITIONS ON RECEPTACLE HOUSING AND SNAP IN PLACE. SCREW ITEM 21 TIGHTLY ON TO RECEPTACLE HOUSING, THEN TIGHTEN CLAMP AROUND EVAPORATOR LEADS.

INSERT CABLE LEADS THROUGH CABLE SEAL AS SHOWN. KEEP INSULATION FLUSH WITH EDGE OF SEAL.

CRIMP TERMINAL TO STRIPPED LEADS FIRST, THEN CRIMP SEAL RETAINING TABS. FOR BEST RESULTS, USE HAND TOOL, P/N 816156 (PURCHASED SEPARATELY) FOR CRIMPING TERMINALS ON COMPRESSOR HARNESS.

SLIDE SECONDARY LOCK AROUND CABLE LEADS AS SHOWN AND CLIP ONTO TABS OF CONNECTORS (LABELED LOCKING TABS) SECURELY TO KEEP PLUGS AND TERMINALS IN PLACE.

POSITION NUMBERS OF TE CONNECTIVITY CONNECTOR ON PCB AND CORRESPONDING SIGNALS.

9 = PRESSURE SWITCHES
6 = EVAPORATOR HIGH SPEED
5 = EVAPORATOR MEDIUM SPEED
4 = EVAPORATOR LOW SPEED
3 = COMPRESSOR
2 = GROUND

FROM RELAY BOARD TO COMPRESSOR