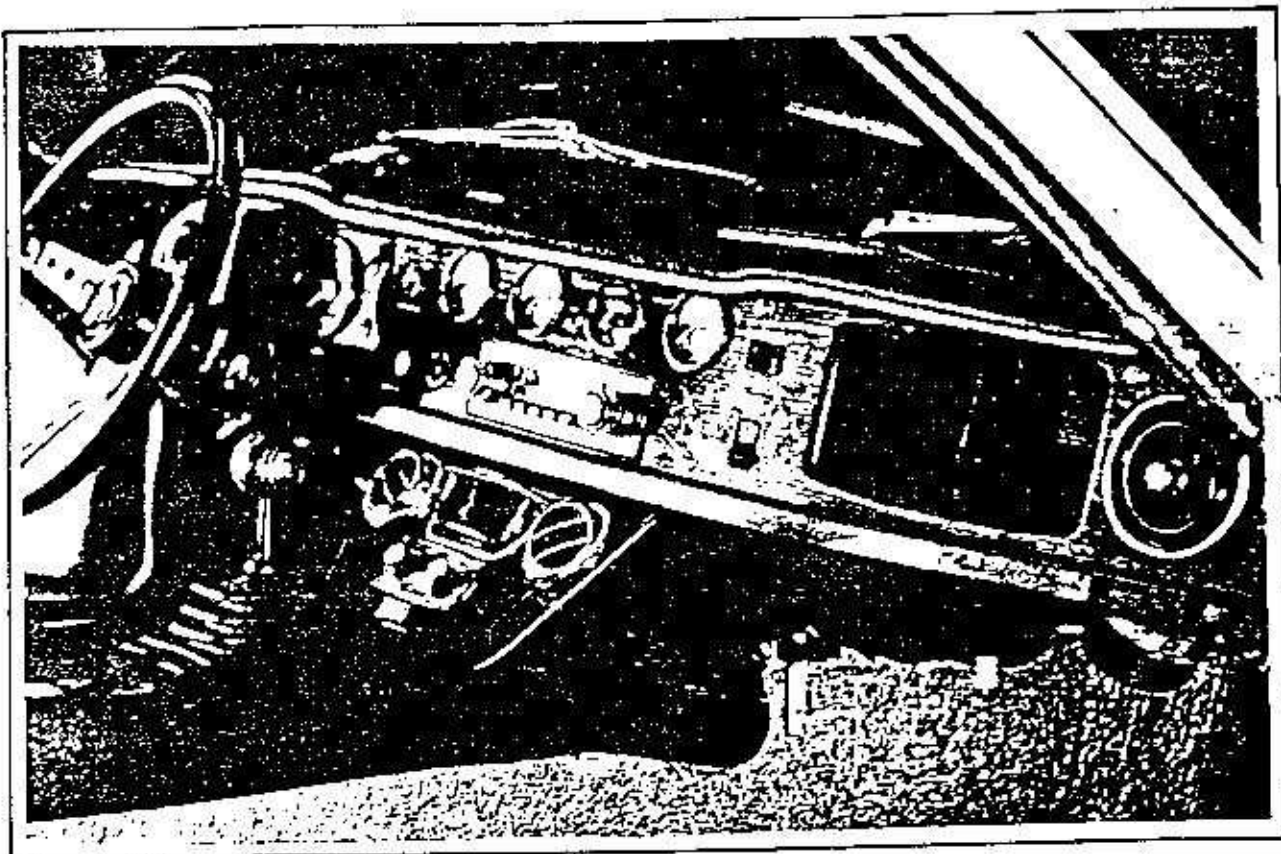


AIR CONDITIONER
MODEL " 22273
LOTUS EUROPA
TWIN CAM



COOLAIRE MANUFACTURING CORPORATION
10400 S.W. 187 TH ST.
MIAMI, FLORIDA 33157
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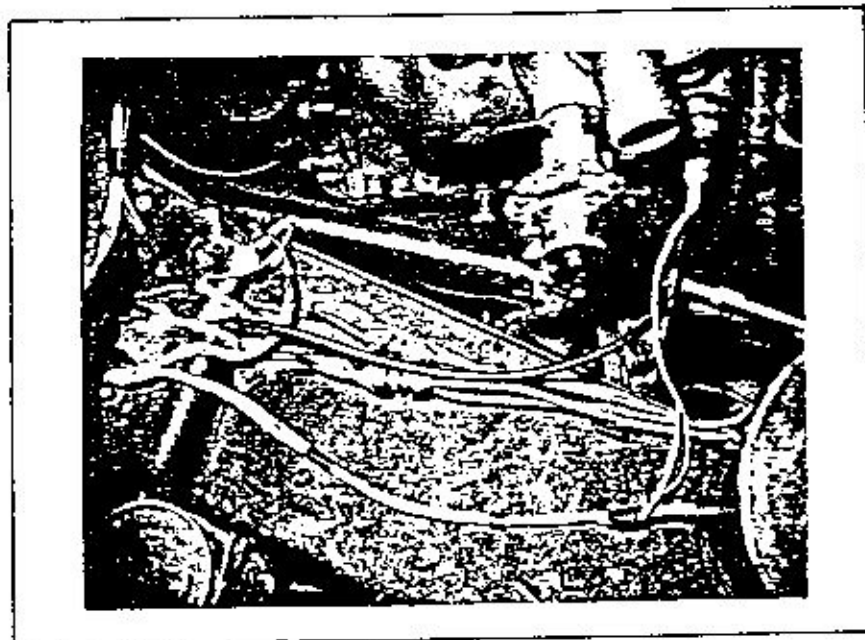
INSTALLATION INSTRUCTIONS & PARTS MANUAL

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ENGINE COMPARTMENT

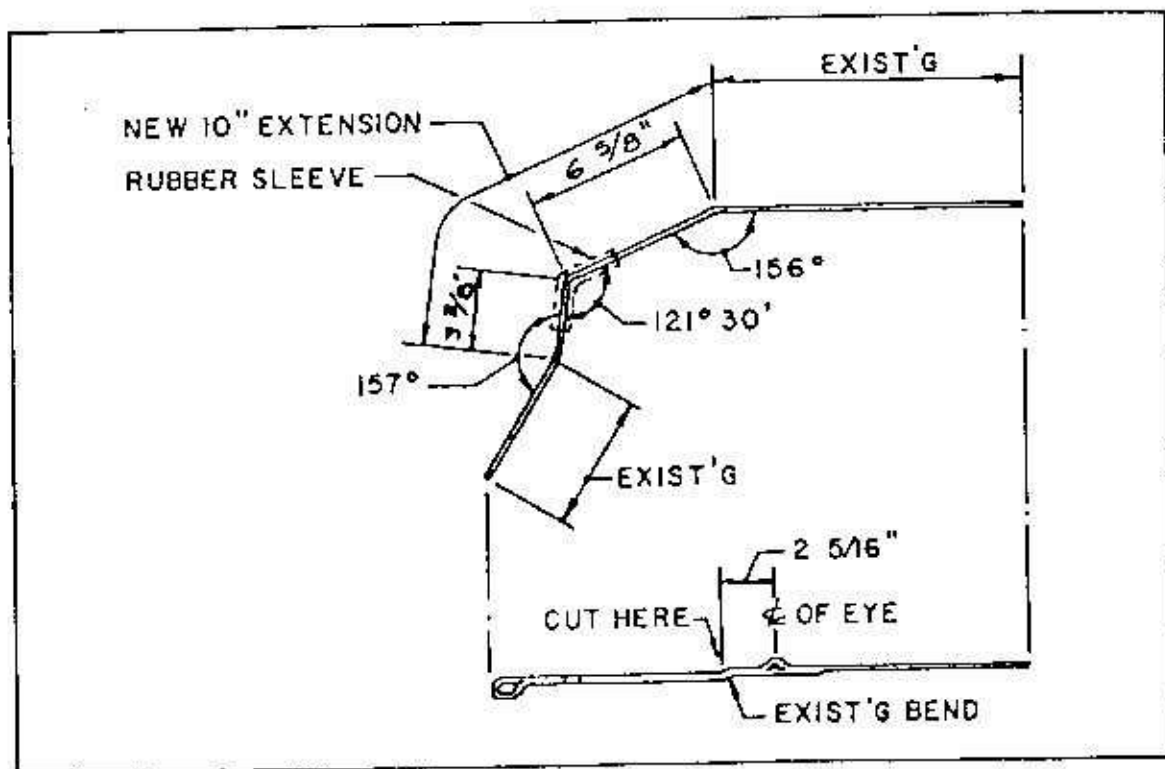
1. PREPARATION

- 1.1 Remove engine compartment lid and luggage box.
- 1.2 Loosen and move catch tank as far to the right as possible and secure.
- 1.3 Drain cooling system.
- 1.4 Loosen and move header tank to the rear, then remove battery. Set battery aside and mounting hardware. Re-route + battery cable to right side of Chassis Frame. Discard battery ground cable.
- 1.5 Cut Radiator transfer pipe 9 inch. from rubber grommet and remove. Cut off a 3 inch. long straight pipe for re-use. Discard excess.
- 1.6 Remove thermostat housing and hose, discard same. Install thermostat housing #64-13316A using (1) original bolt, (2) original lock washers and (1) bolt 5/16" NC x 1 1/4".
- 1.7 Cut and remove fiberglass flange. Remove 1/4" bolt and discard spacer from union, move the lines and the union as far outward and to the rear as necessary without damaging the brake lines, but providing maximum belt clearance, drill 1/4" hole in frame and re-install union using original 1/4" bolt and 9/32ID x 1/4" spacer. Provide cut-out in frame 5/8" deep x 1" long for belt clearance. Relocate wire harness outward.



- 1.8 Remove heater hose from heater control unit. Insert 1/2" OD x 2" extension tube #124-13322 and install 1/2" ID x 5" heater hose #63-13321 to tube. Install and tighten (2) hose clamps #25-13337. Do not connect further at this time. Turn heater control unit so that the tube points down.

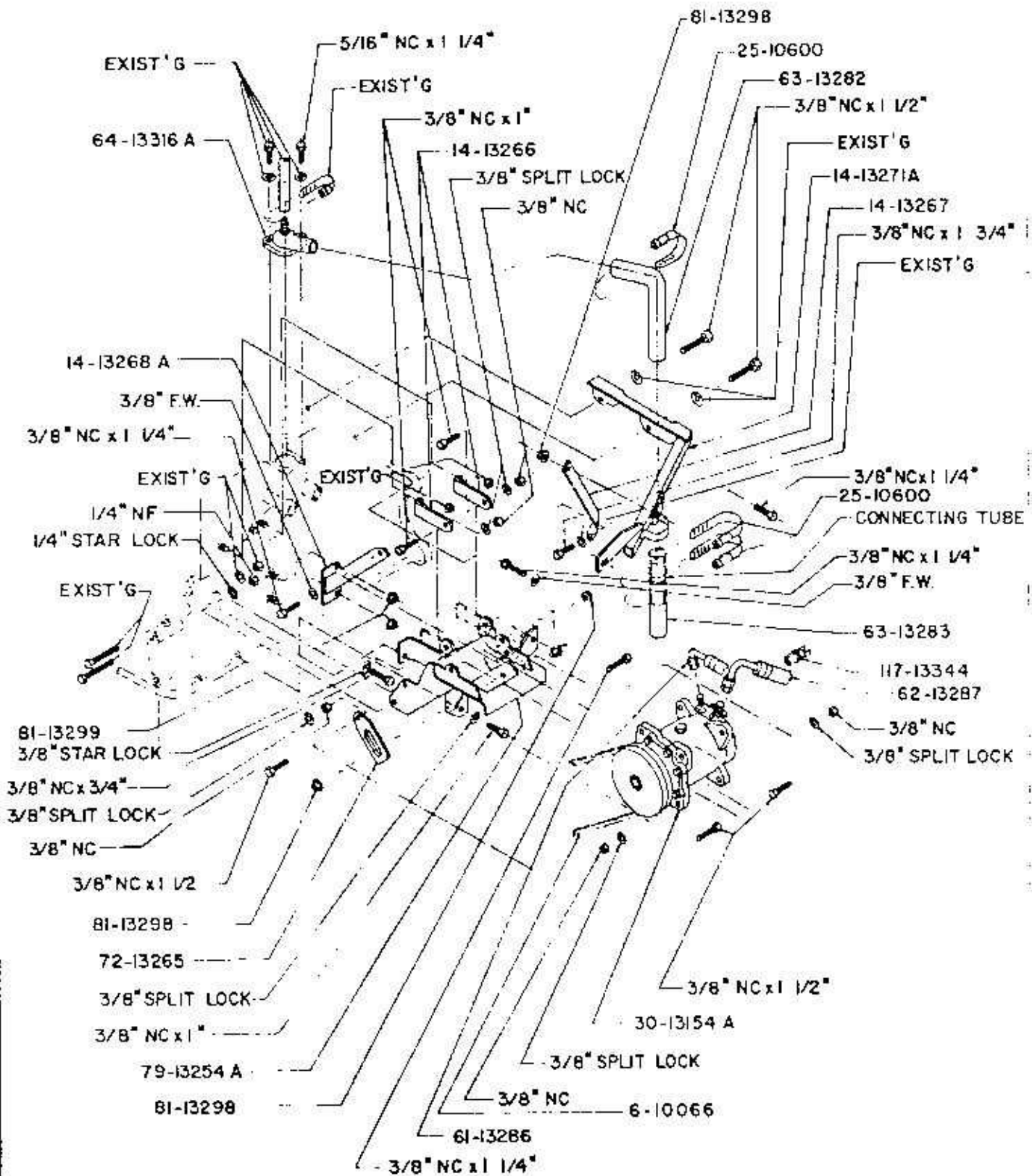
- 1.9 Remove heater control cable and discard. Install heater control cable #19-13319. Route along and tie to 1 1/8" radiator hose using cable tie #121-13371 to clear belt and pulley. Do not connect to heater control unit at this time.
- 1.10 Re-route throttle control along chassis frame and behind thermostat housing.
- 1.11 Remove crankshaft pulley and discard. Use original bolt and washers and install crankshaft pulley #96-13211.
- 1.12 Remove water pump pulley and discard including bolts.
- 1.13 Remove 5/16" bolt and lock washer located under the L.H. side of water pump pulley. Discard lock washer and replace with 5/16" internal star lock washer. Install water pump pulley #96-13210 and original belt using (4) 1/4" x 3/4" NC bolts and original lock washers.
- 1.14 Sub-assemble 3" long radiator transfer pipe (CUT EARLIER) and 1 1/8" ID x 28" long hose #63-13283 using (1) hose clamp #25-10600. Install other end of hose to radiator transfer pipe using (1) hose clamp #25-10600.
- 1.15 Tie heater hose to header tank pipe to provide max. clearance for front longitudinal link and compressor belt. Use plastic cable tie #121-12389.
- 1.16 Remove oil dipstick, cut and weld in extension as shown below.



2. COMPRESSOR INSTALLATION

- 2.1 Remove (1) 1/4" N.F. bolt, lock nut and washer, (discard lock nut and washer), (1) 5/16" N.C. bolt, lock washer and nut from L.H. side of timing cover.
- 2.2 Place compressor mount #79-13254A in position, insert timing cover bolts, install 1/4" N.F. nut and 1/4" star lock washer, finger tight. Install (1) 3/8" x 3/4" N.C. bolt and internal star lock washer and (1) 3/8" x 1" N.C. bolt and lock washer, finger tight. Torque 1/4" N.F. nut. Loosen 3/8" x 3/4" N.C. bolt then torque. Install 5/16" N.C. nut and washer then torque. Loosen 1/4" N.F. nut and torque and finally loosen 3/8" x 1" N.C. bolt and then torque.
- 2.3 Remove first and third manifold nuts and install finger tight (2) braces #14-13266 using original nuts. Attach braces to compressor mount using (2) 3/8" x 1" N.C. bolts, nuts and lock washers (finger tight). Torque manifold nuts and then the 3/8" N.C. bolts.
- 2.4 Remove the (2) forward nuts and washers of the L.H. engine mount and discard. Install brace #14-13268A finger tight with 5/16" N.F. flange type lock nuts. Now attach brace to compressor mount using (1) 3/8" x 1 1/4" N.C. bolt, flange type lock nut and flat washer and fit closely. Torque engine mount nuts and then loosen 3/8" N.C. nut, then torque.
- 2.5 Remove (2) 3/8" N.C. bolts and washers from bell housing. (Discard bolts) Install rear brace #14-13271A to bell housing using (2) 3/8" x 1 1/2" N.C. bolts and washers (finger tight). Attach brace to compressor mount with (1) 3/8" x 1 1/4" N.C. bolt, flat washer and (1) 3/8" N.C. flange type lock nut and fit closely. Loosen and then torque bell housing bolts, now loosen and then torque 3/8" N.C. lock nut. (DO NOT REMOVE ALTERNATOR, just loosen mounting bolts.)
- 2.6 Remove (1) 3/8" N.C. and lock washer from rear engine block. (Discard bolt) Install lower rear brace #14-13267 using 3/8" x 1 3/4" N.C. bolt and washer (finger tight). Attach brace to upper rear brace with (1) 3/8" x 1 1/4" N.C. bolt and (1) 3/8" N.C. flange type lock nut and fit closely. Loosen and then torque engine bolt, now loosen and torque 3/8" N.C. lock nut.
- 2.7 Install compressor clutch assembly using (2) 3/8" x 1 1/2" N.C. bolts, nuts and lock washers.
- 2.8 Attach adjusting link #72-13265 to compressor mount using (1) 3/8" x 1 1/4" N.C. bolt and (1) 3/8" N.C. flange lock nut. Attach adjusting link to compressor with (1) 3/8" x 1 1/2" N.C. bolt, lock washer and nut.
- 2.9 Install compressor belt #6-10066, adjust belt tension to 80 to 100 lbs. and tighten all bolts.
- 2.10 Install hose elbow 1 1/4" ID part #63-13282 to thermostat housing using (1) hose clamp #25-10600. Now slip radiator transfer hose part #63-13282 with pipe extension through clamp provided on rear compressor brace and attach with (1) hose clamp #25-10600 to hose elbow.
- 2.11 Attach hose from header tank to fitting provided on top of thermostat housing.
- 2.12 Attach heater hose and control cable to heater control unit. Tie 1 1/8" radiator hose with cable tie 121-13371 to clutch control cable and support bracket.

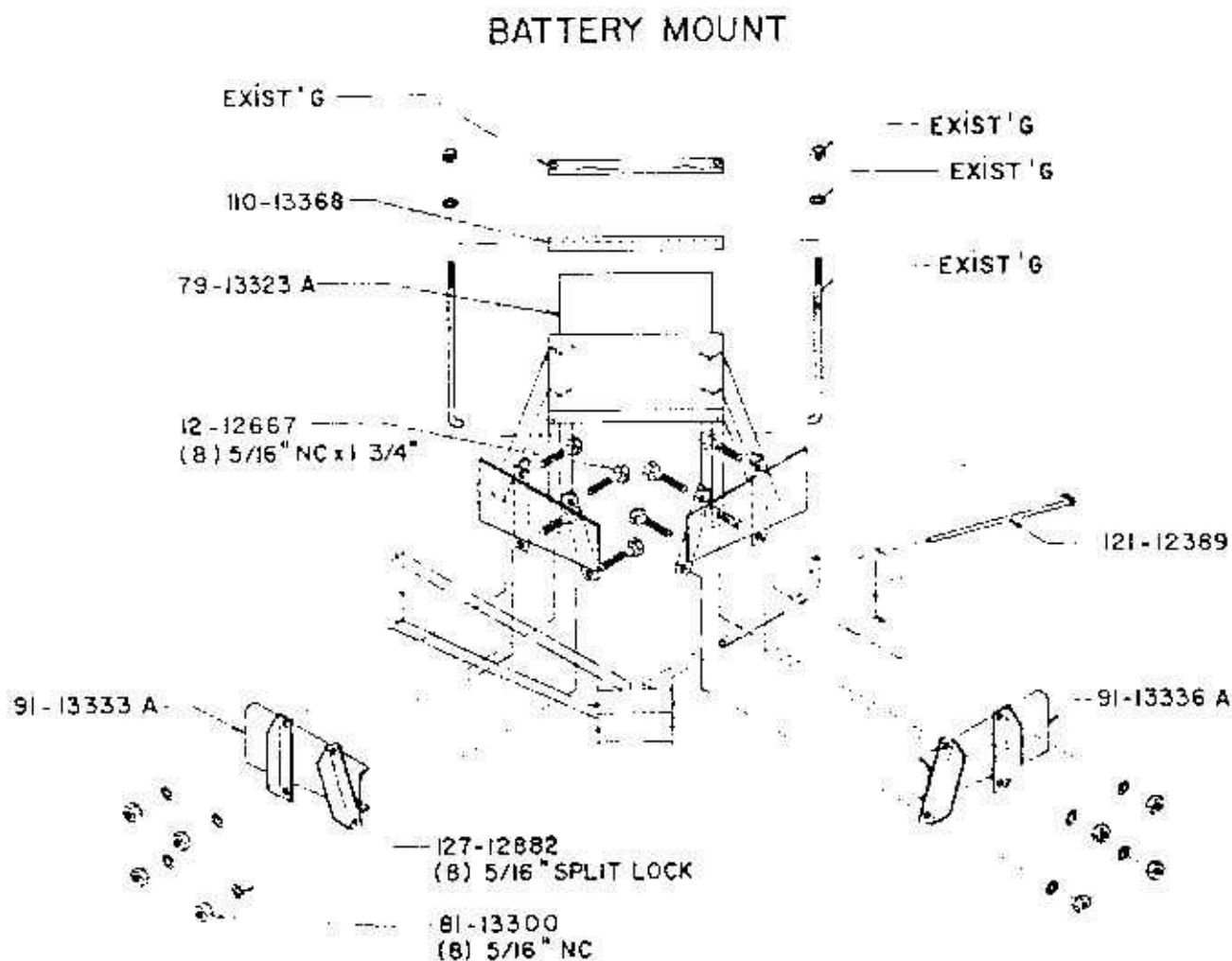
COMPRESSOR MOUNT



1	30-13154A	Compressor - Clutch Ass'y (Abacus) MC506
1	96-13211	Pulley, Crankshaft
1	96-13210	Pulley, Water Pump
1	6-10066	Belt (Comp.-Waterpump-Cranksh.) 1/2"x38"x45 1/2"
1	79-13254A	Mount Ass'y, Compressor
1	72-13265	Link, Adjusting-Compr.
2	14-13266	Brace, Manifold
1	14-13267	Brace, Lower Rear
1	14-13268A	Brace Ass'y, Eng. Mount
1	14-13271A	Brace Ass'y, Rear Compressor Mount
1	45-13315	Extension, Oil Dip Stick
1	64-13316A	Housing Ass'y, Thermostat-Water
1	63-13282	Hose, Elbow 90° (1 1/4"ID) MODAC #721
1	63-13283	Hose, Water 1 1/8"ID x 28"
1	117-13344	Switch, Limit 330 Out-250 In (See Eng. Ch. N. 0087)
3	25-10600	Clamp, Worm Gear 1 1/6" to 2"
1	124-13369	Tube, Plastic 3/16"IDx4"lg (Dip Stick)
1	12-13370	Bolt, 5/16" NC x 1 1/4"
1	12-10144	Bolt, 3/8" NC x 3/4"
3	12-10130	Bolt, 3/8" NC x 1"
4	12-12687	Bolt, 3/8" NC x 1 1/4"
5	12-13194	Bolt, 3/8" NC x 1 1/2"
4	81-13298	Nut, 3/8" NC Flange Lock
5	81-12883	Nut, Hex 3/8" NC
2	81-13299	Nut, 5/16" NC Flange Lock
6	127-12438	Washer, Split Lock 3/8" ID
1	127-12815	Washer, Internal Star Lock 3/8"
2	127-12816	Washer, Flat 3/8" ID
1	12-12692	Bolt, 3/8" NC x 1 3/4"
1	81-13133	Nut, 1/4" NF
1	127-12442	Washer, Internal Star Lock 1/4"
1	61-13286	Hose, Freon #8-90°x48"-#8-90°
1	62-13287	Hose, Freon #10-90°x147"-#10
1	63-13321	Hose, Heater 1/2"ID x 5" Lg.
1	124-13322	Tube, Extension 1/2"ODx2"Lg.
1	19-13319	Cable Heater Control
1	121-13371	Tie, Plastic Cable
1	121-12389	Tie, Plastic Cable
1	127-13301	Washer, Int. Star Lock 5/16"
4	12-13158	Bolt 1/4" NC x 3/4"

3. BATTERY INSTALLATION

- 3.1 Install battery mount, battery box, battery and 30" long ground cable part #19-13318 as shown in illustration. Cut or grind relief in battery clamp as shown and tie vacuum line to front top R.H. battery mount bolt.



PARTS LIST "BATTERY MOUNT" - 22273

QTY	PART NUMBER	DESCRIPTION
1	79 -13323A	Mount Ass'y, Battery
1	91 -13333A	Plate Ass'y, Mounting L.H.
1	91 -13336A	Plate Ass'y, Mounting R.H.
8	12 -12667	Bolt, 5/16"NCx1 3/4"
8	81 -13300	Nut, Hex 5/16"NC
8	127-12882	Washer, Split Lock 5/16" 10
1	110-13368	Shield, Battery Terminal (Plastic)
1	121-12389	Ties, Plastic Cable
1	19-13318	Cable, Battery Ground

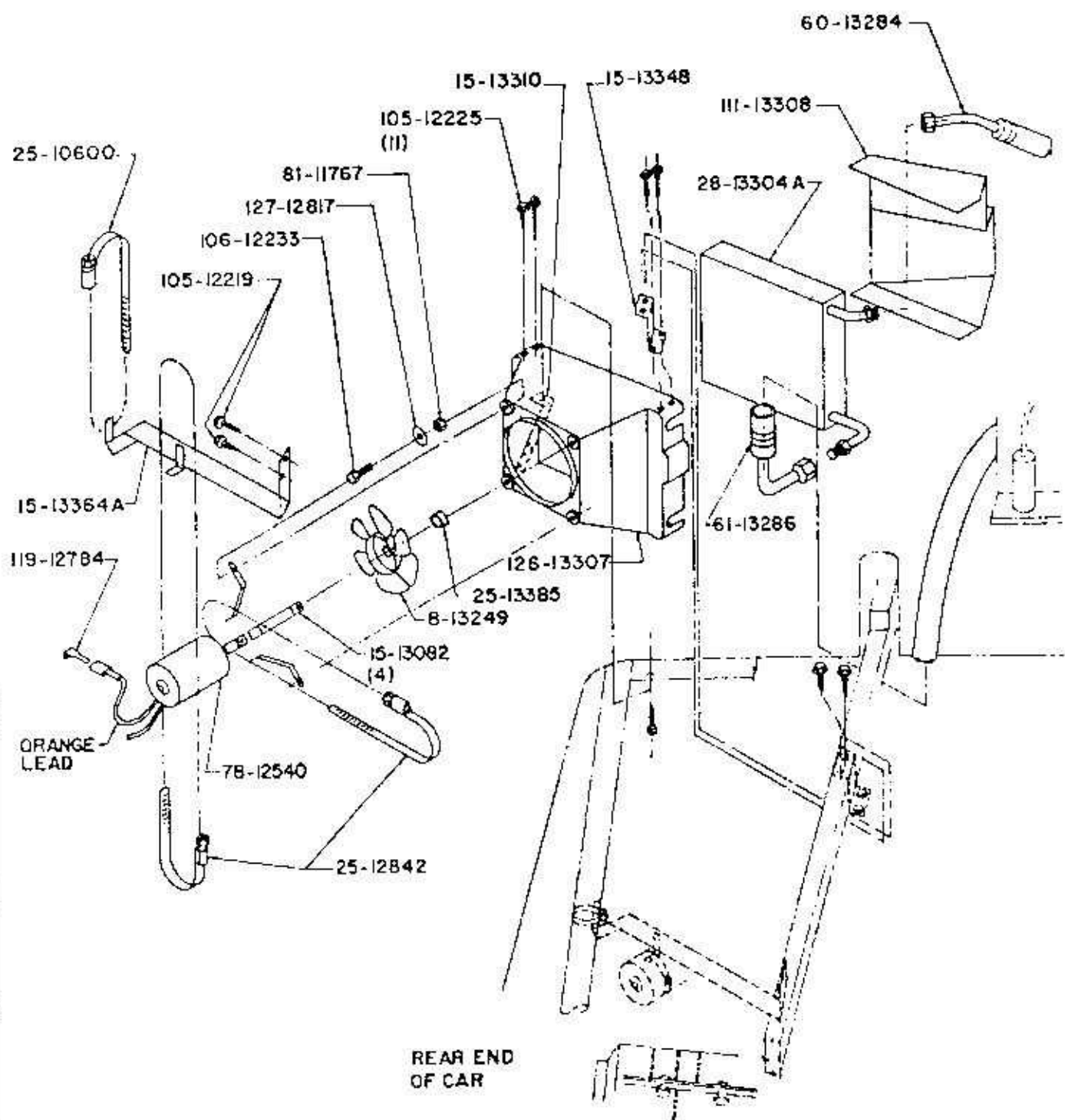
4. CONDENSER INSTALLATION

- 4.1 Install bracket #15-13348 loosely with (2) #8 x 1/2" SMS. position condenser from bottom of car. (As close to outer frame as possible.) Slip bracket #15-13348 over cross member. Secure bracket to condenser and attach to cross member with (2) #8 x 1/2" SMS.
- 4.2 Lift rear of condenser and secure to frame. Position motor support bracket #15-13364A 1/8" above motor and secure to car. (Attach condenser motor ground wire to cross member using (1) support bracket mounting screw.) Attach bracket to motor with hose clamp.

PARTS LIST "CONDENSER" - 22273

QTY	PART NUMBER	DESCRIPTION
1	28-13304A	Coil Assembly
1	126-13307	Venturi, Condenser (Plastic)
4	15-13082	Bracket, Venturi
2	25-12842	Clamp, Gear (2 1/6"-3 1/4")
4	106-12233	Screw, Machine #10-32x1/2"
4	81-11757	Nut, Nylock #10-32
4	127-12817	Washer, Fender 3/16" ID, 1"OD
1	78-12540	Motor (CW-Se) Orange Lead Ground
1	119-12784	Terminal Right Angle Tab (On Orange Lead)
1	8-13249	Blade, Fan 7 3/4" Dia., 11/32" Hub Hole
1	15-13310	Bracket, Condenser Rear
1	60-13284	Hose, Freon #6-45°x128 1/2"-#6-90°,135° Twist
1	61-13286	Hose, Freon #8-90°x48"-#8-90°
1	111-13308	Shroud, Condenser (Plastic)
1	25-13385	Clamp, 2-Ear
1	15-13348	Bracket, Condenser Top
1	25-10600	Clamp, Worm Gear 1/16" to 2"
11	105-12225	Screw, SMS #8 x 1/2"
2	105-12219	Screw, SMS #10 x 1/2"
1	15-13369A	Bracket Ass'y, Cond. Motor Support

CONDENSER GROUP



3. INTERIOR

1. PREPARATION

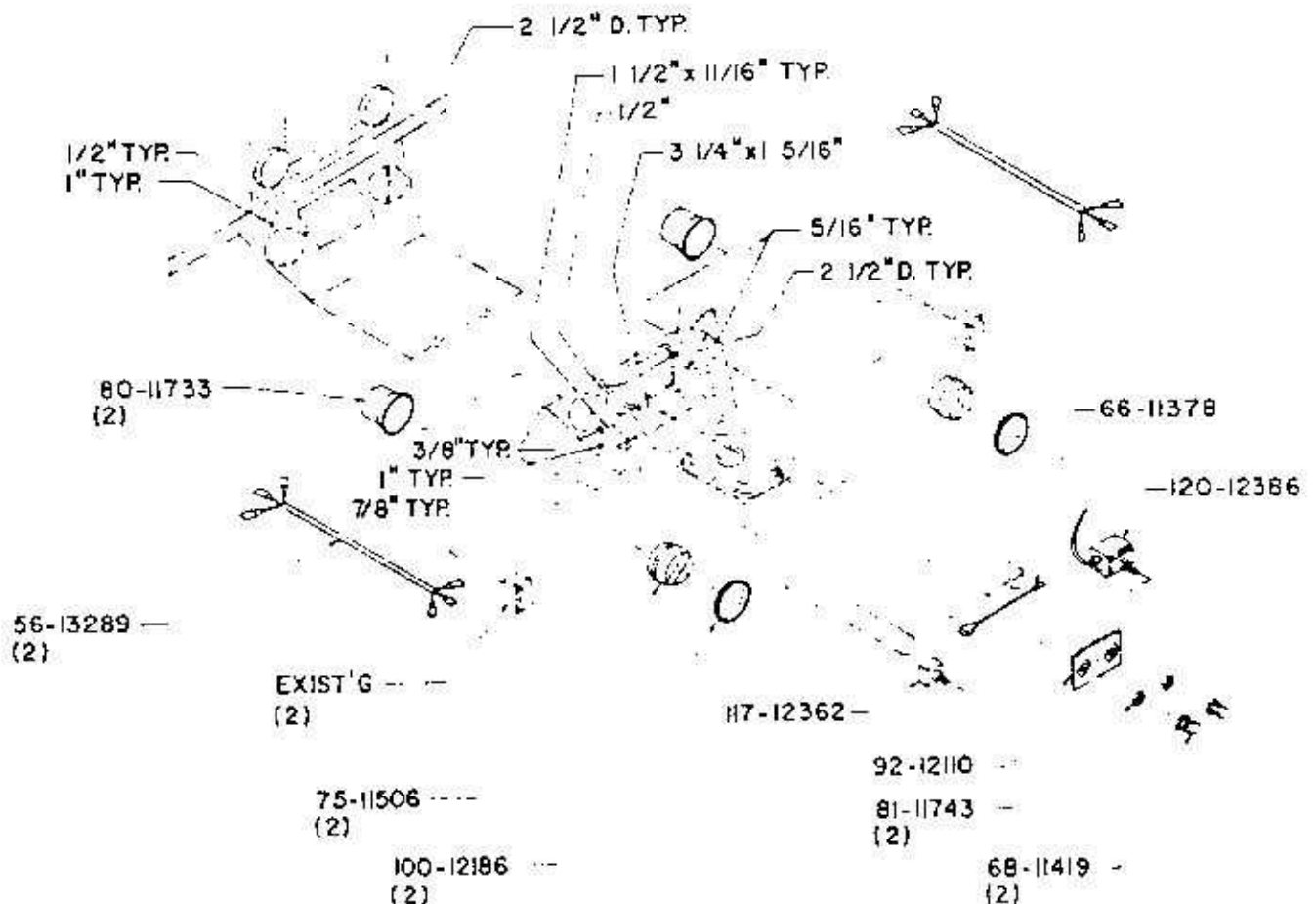
- 1.1 Remove center console and cut (2) louver holes, (2) openings for power window control switches and (1) opening for air conditioning controls panel using template.
- 1.2 Trim instrument panel support to provide access for CRD hoses.
- 1.3 Remove L.H. fresh air hose and discard.
- 1.4 Remove 4" DIA. heater blanking plate and discard.

2. INSTALLATION

- 2.1 Install (2) ball louvers in console. Snap ring into nozzle first, then push ball into place.
- 2.2 Connect (2) extension harnesses to power window supply leads. (Match color code).
- 2.3 Place chamber assembly #24-13202A in position and secure to heater opening by means of inserting (3) #6 x 3/4" SMS from the luggage compartment through the existing weld nuts and align with pre-drilled holes in chamber. (See page 13).
- 2.4 Route air conditioning wire harness through instrument panel support and position console, connect power window switches and install.
- 2.5 Position control panel assembly and route capillary tube along side wire harness through firewall, connect wire harness to control panel and install.
- 2.6 Re-install console.
- 2.7 Install L.H. (#57-13339) and R.H. (#57-13340) CRD hoses to ball louvers and chamber assembly.
- 2.8 Install 2 1/2" DIA. x 12" CRD hose #57-12860 to L.H. louver and L.H. evaporator outlet.

PARTS LIST "INTERIOR GROUP" - 22273

QTY	PART NUMBER	DESCRIPTION
2	75 -11506	Louver, Chrome Ball
2	100-12186	Rim, Chrome Ball-Louver Front
2	80 -11733	Nozzle, Hose
2	56 -13289	Harness, Wire Extensions
1	92 -12110A	Plaque, Coolaire Die Cast
1	120-12386	Thermostat, 48" Capillary Tube
2	81 -11743	Nut, Switch
2	68 -11419	Knob
1	66 -11378	Jumper, Wire 3" lg.

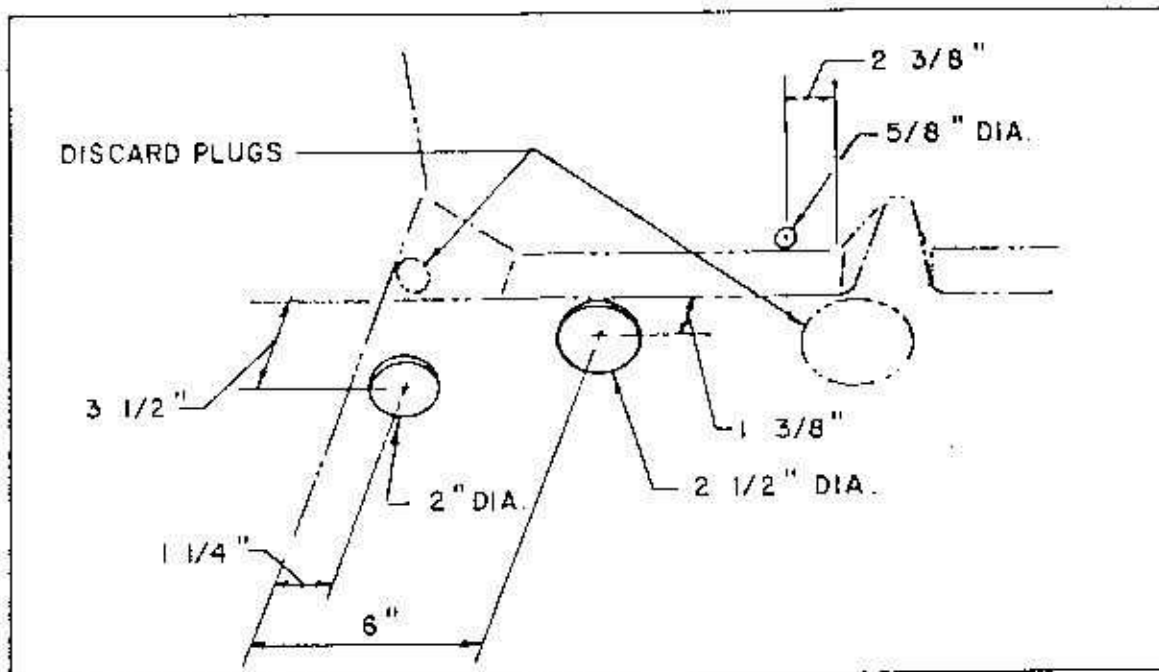


INTERIOR GROUP

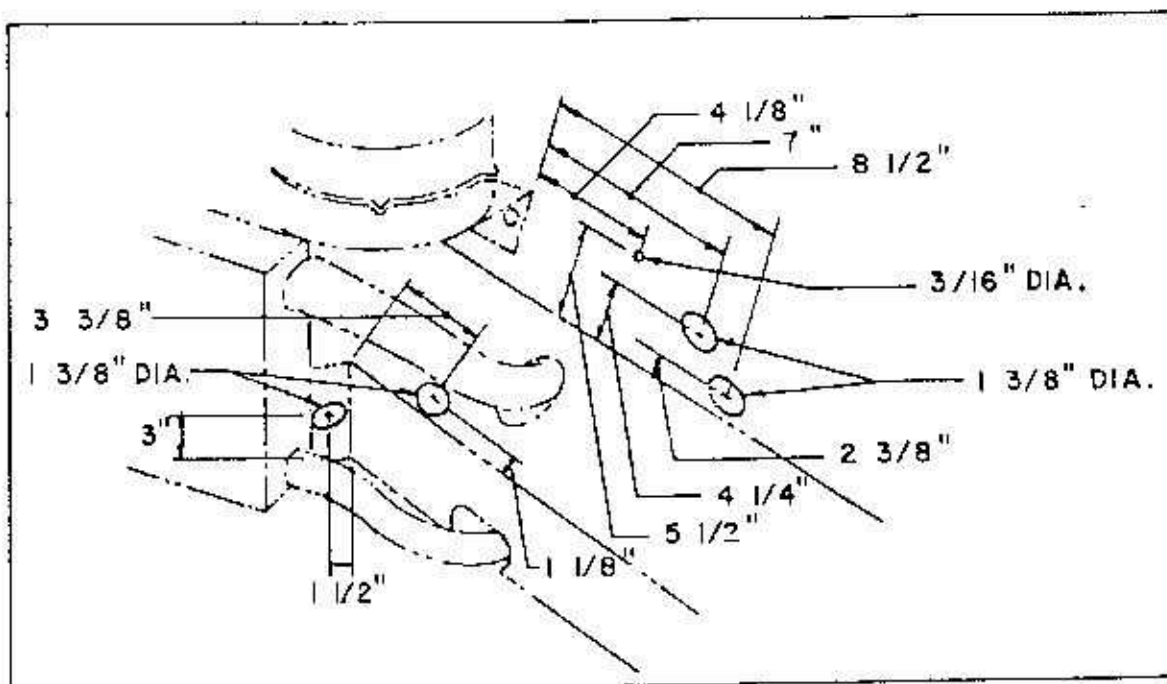
FRONT LUGGAGE COMPARTMENT

1. PREPARATION

- 1.1 Drill (1) $2\frac{1}{2}$ " DIA. HOLE, (1) 2" DIA. HOLE and (1) $\frac{5}{8}$ " DIA. Hole in bulk head and front panel of luggage compartment.
IMPORTANT: Drill carefully to avoid damage to mechanical parts under bottom panel.



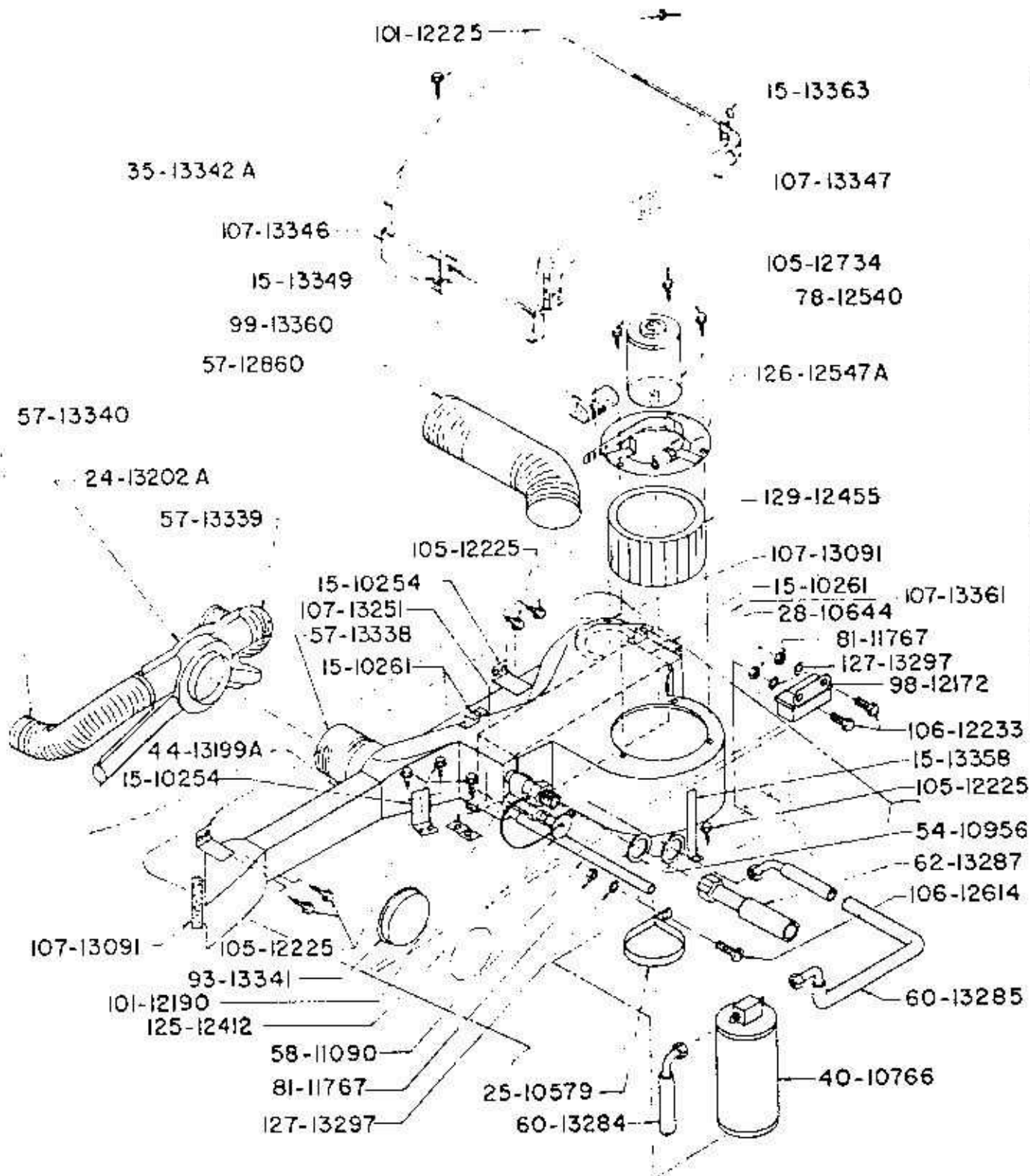
- 1.2 Drill (4) $1\frac{3}{8}$ " DIA. HOLES and (1) $\frac{3}{16}$ " DIA. HOLE in bulk head.



2. EVAPORATOR INSTALLATION

- 2.1 Torque straight fitting of #62-13287 freon hose and #60-13285 freon hose to evaporator assembly #44-13199A and wrap both fittings with refrigeration tape.
- 2.2 Slip both hoses through holes in bulk head.
- 2.3 Attach 3" DIA. x 3" CRD hose to chamber assembly #24-13202A.
- 2.4 Put evaporator case in place and slip both evaporator end outlets into fresh air outlet holes (make sure that foam insulation makes firm contact around outlets and attach the 3" CRD hose to evaporator.)
- 2.5 Drill (7) 1/8" DIA. HOLES and secure evaporator assembly with (7) #8 x 1/2" SMS.
- 2.6 Install relay.
- 2.7 Attach wire harness to relay, motor and resistor (see wiring diagram page15) and route main harness through firewall. Route long black and purple wire side-by-side with freon hose #60-13285.
- 2.8 Insert capillary tube 2 1/2" into pre-drilled hole.
- 2.9 Slip evaporator cover #35-13342A under holding brackets #15-10261 of evaporator case. Drill (2) 1/8" DIA. HOLES in bulk head and secure with (2) #8 1/2" SMS.
- 2.10 Install 3" DIA. PLUG #93-13341 in heater blower outlet. IMPORTANT: SEAL AROUND GASKET.
- 2.11 Install receiver drier using (1) clamp #25-10579 and (1) #10-32 x 1" machine screw, flat washer and lock nut.
- 2.12 Attach freon hose #60-13285 and 90° fitting of freon hose #60-13284 to receiver drier and route freon hoses #60-13284 and #62-13287 through hole in bulk head. Now install (4) 1" grommets to protect freon hoses.
- 2.13 Install evaporator drain hose through bulk head.
- 2.14 Attach evaporator ground wire to fan control switch ground (same screw).

NOTE: WHEN DRILLING HOLES FOR SMS USE BRACKETS FOR LOCATING.



EVAPORATOR GROUP

QTY	PART NUMBER	DESCRIPTION
1	44 -13199A	Evaporator Assembly
1	28 -10644	Coil, Evaporator
1	125-12412	Valve, Expansion
1	101-12190	Ring, Expansion Valve Snap
1	78 -12540	Motor, Blower
1	129-12455	Wheel, Blower
1	126-12547A	Venturi Assembly
2	107-13091	Seal, Polyfoam 1/2"x3/4"x7 1/2"
10	105-12225	Screw, Hex. WHS Hd. SMS #8x1/2"
3	105-12734	Screw, Hex. WHS Hd. SMS #8x1/4"
3	15 -10254	Bracket, Evaporator
1	107-13251	Seal, Polyfoam 1 1/2"x1"x15"
1	107-13361	Seal, Polyfoam 1"x1 1/2"x5"
1	15 -13358	Bracket, Evaporator Blower Housing
1	99 -13360	Resistor, Remote
3	15 -10261	Bracket, Evaporator
1	40 -10766	Drier
1	60 -13284	Hose, Freon #6-45°x128 1/2"-#6-90°,135° Twist
1	60 -13285	Hose, Freon #6-90°x17"-#6-90°,90°Twist
1	62 -13287	Hose, Freon #10-90°x147"-#10
1	25 -10579	Clamp, Drier
4	54 -10956	Grommet 1"
1	98 -12172	Relay
1	93 -13341	Plug, Heater Blower
1	35 -13342A	Cover Assembly, Evaporator
1	107-13346	Seal, Polyfoam 1 1/2"x1"x40"
1	107-13347	Seal, Polyfoam 1 1/2"x1"x33"
1	15 -13363	Bracket, Evaporator Cover L.H.
1	15 -13349	Bracket, Evaporator Cover R.H.
1	106-12614	Screw, Machine Round Hd. Slot 10-32x1"
3	127-13297	Washer, Flat #10
3	81 -11767	Nut, Nylock 10-32
2	106-12233	Screw, Machine Hex Hd. #10-32x1/2"
1	24 -13202A	Chamber Assembly
1	57 -12860	Hose, CRD 2 1/2"IDx12"
1	57 -13338	Hose, CRD 3"IDx3"
1	58 -11090	Hose, Drain 1/2"IDx10
1	57 -13339	Hose, CRD 2"x11" L.H. Formed
1	57 -13340	Hose, CRD 2"x11" R.H. Formed

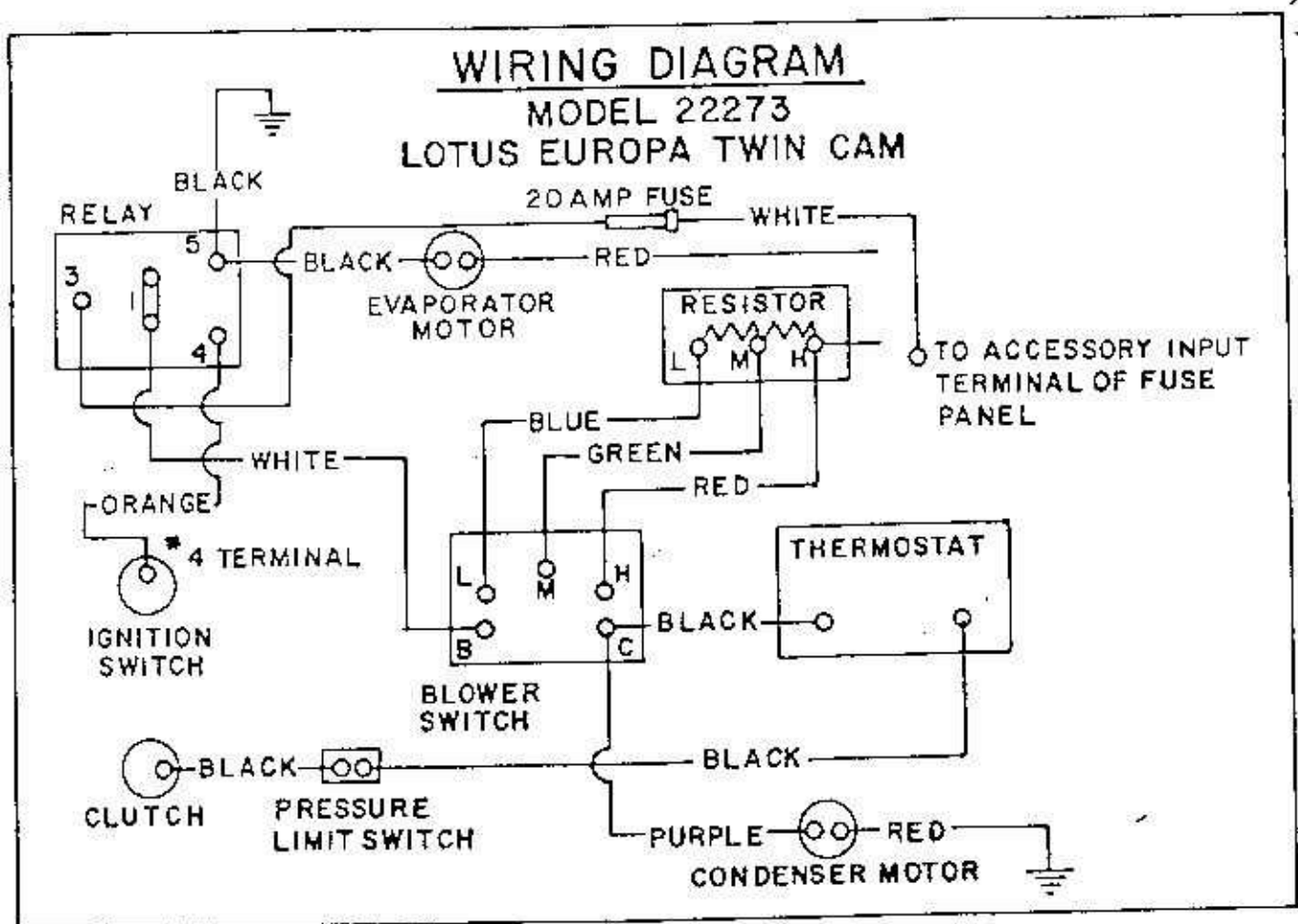
D. GENERAL

1. HOSE ROUTING

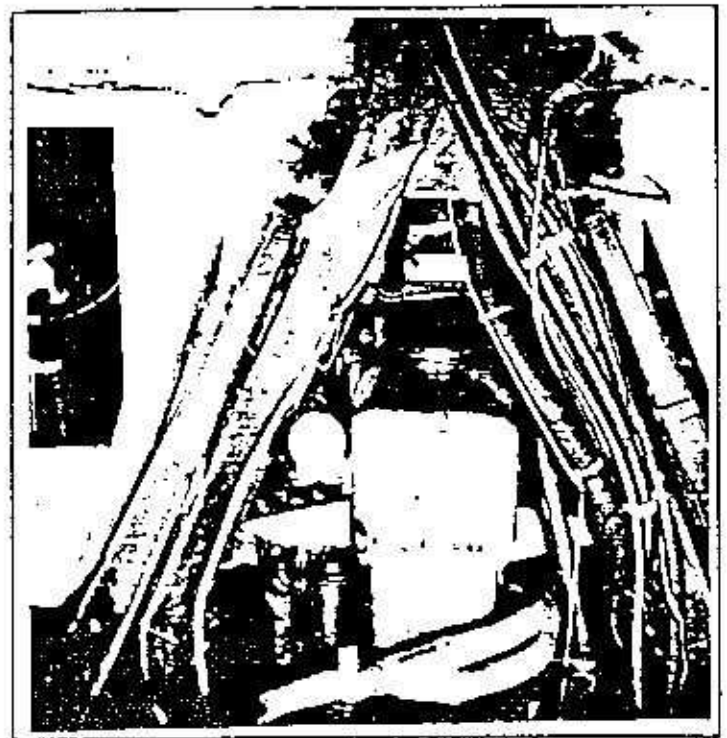
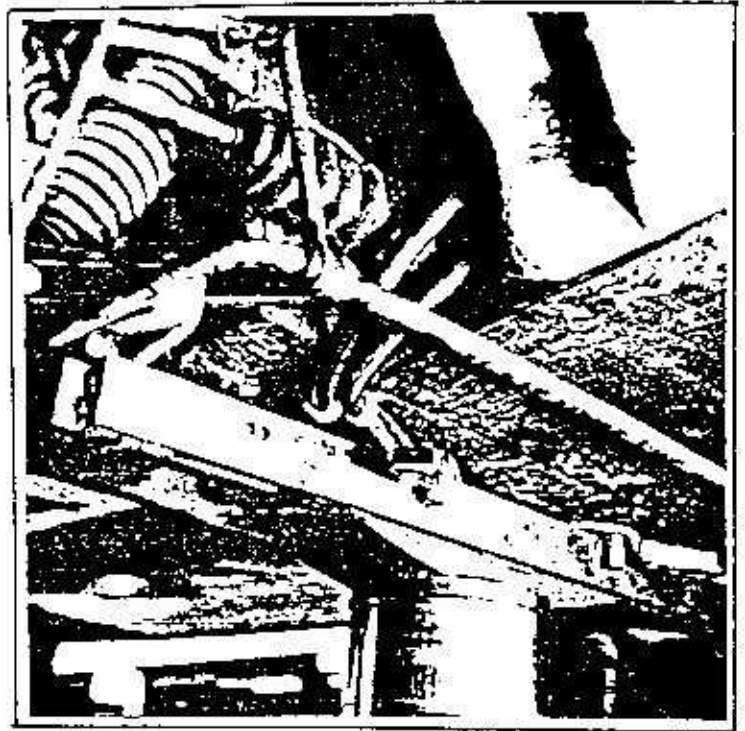
- 1.1 Secure freon hoses with (5) 3/4" hose clamps #25-10593 (6) 1" hose clamps #25-10594 using (7) #8 x 1/2" SMS and (3) plastic ties (see page 16).
- 1.2 Connect freon hose #61-13286 to condenser and compressor (route through lower bracket of power brake cylinder). See page 4 & 8.
- 1.3 Tie freon hose #62-13287 to radiator transfer hose and connect to compressor. (See page 4).
- 1.4 Torque all hose connections.

2. ELECTRICAL

- 2.1 Install high pressure limit switch to discharge valve of compressor.
 - 2.2 Now make all remaining electrical connections (see wiring diagram).
3. Seal all hose exit holes in bulk head with putty.
 4. Position Coolaire decal on bottom L.H. side of rear window.
 5. Charge system. See charging procedures on page 17 & 18.



HOSE ROUTING



EVACUATION AND CHARGING PROCEDURE

1. Remove protective caps from gauge ports of compressor service valves. Connect gauge manifold low pressure hose to compressor (5/8") suction service valve gauge port. Connect high pressure gauge manifold hose to compressor (1/2") discharge service valve gauge port.
2. Connect gauge manifold center hose to refrigerant container. OPEN refrigerant container valve.
3. Crack open high pressure gauge manifold valve and allow refrigerant vapor to enter system until a pressure of (50) psi is observed on low pressure gauge. CLOSE high pressure gauge manifold valve. CLOSE refrigerant container valve and disconnect hose from container.
4. Using a leak detector, thoroughly check all connections, the compressor, evaporator, condenser and drier. Repair any leaks at this time.
5. Connect gauge manifold center hose to vacuum pump. OPEN both gauge manifold valves and start vacuum pump.
6. After vacuum pump has run at least (15) minutes, CLOSE both gauge manifold valves and stop vacuum pump. Low pressure gauge should indicate at least 28" vacuum. High pressure gauge should read (0) psi or below.
7. Disconnect gauge manifold center hose at vacuum pump and connect to refrigerant container. OPEN refrigerant container valve. Loosen gauge manifold center hose at gauge manifold. Refrigerant released will purge air from hose. Tighten center hose connection at gauge manifold.
8. Crack open high pressure gauge manifold valve and allow refrigerant vapor to enter system until a pressure of (0) to (5) psi is observed on low pressure gauge. CLOSE high pressure gauge manifold valve. CLOSE refrigerant container valve and disconnect hose from container.
9. Repeat steps 5 and 6. This will complete double evacuation procedure necessary for thorough moisture and air removal.
10. Disconnect gauge manifold center hose at vacuum pump.
1. Connect gauge manifold center hose to refrigerant container valve. Crack center hole at manifold to allow refrigerant to purge the air from the hose. Retighten center hose. OPEN suction valve on gauge manifold and admit refrigerant until system is all container pressure.
2. Start engine and set idle at approximately 1,000 RPM. If shop temperature is 90 or above, place fan in front of radiator to simulate ram air flow. Turn blower switch to high and temperature switch to city. Add freon until bubbles disappear from sight glass.
3. Turn off engine. Disconnect gauge manifold hoses, replace protective caps on both service valves on compressor. Recheck system for leaks.

EVACUATION AND CHARGING PROCEDURE

The importance of removing moisture laden air from an air conditioning system cannot be over emphasized. All systems incorporate a drier to absorb very small quantities of moisture which might remain in a system following the best possible evacuation. This device, however, cannot be depended upon to do the complete job. Therefore, we must thoroughly evacuate each new system, as well as at the time service is performed subsequent to installation.

Figure #1 shows the minimum system vacuum permissible for not less than 30 minutes, to insure the best possible evacuation. Note how, with the lower ambient temperatures, that a deeper vacuum must be attained to completely vaporize or "boil-off" moisture laden air trapped in the system.

High vacuum pumps necessary to obtain the deeper vacuums are for the most part prohibitively expensive. As a result, the double evacuation procedure permits basically the same end results; that is a clean dry system. This is brought about by the "blotting" action of the refrigerant introduced into the system first as part of the regular leak test and secondly when the system vacuum is broken with refrigerant at the end of the first 15 minute evacuation period.

FIGURE #1

Inches of Vacuum	Ambient Temperatures
29.56	50F
29.40	60F
29.18	70F
28.89	80F
28.50	90F
27.99	100F
27.33	110F

COOLAIRE WARRANTY POLICY #718

1. The Coolaire warranty is for 12 months or 12,000 miles covering both parts and labor against defects in material and workmanship to the original owner. Coolaire's warranty does not honor any parts or components that are damaged in any way due to improper installation or use other than that for which the part was intended.
2. All replacement in-warranty component parts must be purchased through Coolaire or its distributors and/or dealers. Parts obtained from other sources will only be covered up to the amount equal to Coolaire's price list allowance.
3. Items such as belts, fuses, driers, idler bearings, freon, etc. are to be considered expendable items and thereby not covered by warranty.
4. Warranty registration forms must be filled out completely and mailed to us within fifteen (15) days from date of installation.
5. Upon completion of warranty work, the Coolaire warranty claim form must be filled out using published Coolaire Flat Rate Schedules as guides. The serial numbers of the warranty registration, the compressor and the evaporator must be included. The Coolaire claim form along with the defective parts are then sent to Coolaire, freight pre-paid. Claims and parts must be in our possession within forty-five (45) days from completion of repairs.
6. Claims that should have had new parts but were field repaired instead, such as welding or modifying of brackets, hangers, supports, splicing of hoses, soldering of seams, joints, pipes, tubing, tampering of switches or motors, will not be honored by Coolaire Manufacturing Corporation. Authorized field repairs are as follows: front compressor seal, compressor gaskets and compressor valve plate assemblies. All other repairs must carry new parts.
7. Parts or components shipped to us must be packed in such a manner so as to arrive at our plant in the same condition they were in when shipped. Items such as valves, evaporator assemblies, evaporator coils, compressors, condensers, driers, etc. must be capped and sealed. Components of this nature not so protected cannot be evaluated due to humidity, foreign matter, etc.
8. Claims involving compressors will be delayed somewhat since we are dependent on our supplier, for final warranty determination. If they find the compressor to be in good operating condition there will be a handling charge of \$10.00 per unit, which will be billed against the claim.