

ENGINEERING MEMORANDUM #16

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FROM: S. Wilson

SUBJECT: CHECKER AIR CONDITIONER REVISION

This Set-up involves replacing the Harrison evaporator core with a McCord core and the Frigidaire suction throttling valve currently supplied by Harrison Radiator with a solenoid operation valve from Primore Sales and a Ranco temperature control.

LIST OF NEW PARTS REQ'D.

639041 Core Assem. - Frt. Evap. (McCord)
639042 Control Assem. - Air Cond. Temp.
639051 Hose Assem. - Frt. Evap. Inlet (McCord)
639052 Hose Assem. - Frt. Evap. Outlet (McCord)
639771 Hose Assem. - Frt. Evap. Inlet (Dual)
635599 Hose Assem. - Flex. 5/8 - Comp. to Tee
640390 Panel - Frt. Air Cond. Hsg. End LH
~~639043 Cable Assem. - Temp. Control - Frt. Evap.~~
97434 Valve Assem. - Pressure Reg. - Elec.
639131 Air Cond. Assem. - Frt. Complete
639132 Hsg. Assem. - Frt. Air Cond. Compl.
639133 Panel Assem. - Frt. A.C. Hsg. End LH
639134 Cable Assem. - Press. Reg. V. to Temp. Cont.
639135 Cable Assem. - Bl. Sw. to Temp. Cont.
626586 Grommet - 5/8 x 1-3/8 x 1-5/8 x 7/32 Thick
639746 Cable Assem. - Fresh Air Cont. LH (Add Frt. Usage)
641245 Cable Assem. - Temp. Control
640633 Plate - Air Cond. Control - Spec. (Add Frt. Usage)
* 640089 Plate - Inlet Tube Cover

LIST OF PARTS TO BE CANCELLED

639556 Core Assem. - Front Evap.
639582 Hose Assem. - Frt. Evap. Inlet
639583 Hose Assem. - Frt. Evap. Outlet
640638 Brkt. - Suction Thr. Valve Mtg. (Dual)
640622 Adapter - Frt. Evap. to Suction Hose
639726 Hose Assem. - Frt. Evap. Inlet (Dual)
639718 Hose Assem. - Flex. 1/2 S.T.V. to Comp. (Dual)
96195 "O" Ring - 5/8 Flex. Hose (Evap. to Cond.)
639717 Coupling Assem. - Tee to S.T.V.
639727 Plug Assem. - Suction Throttling Valve
626565 "O" Ring - .176 I.D.
96194 "O" Ring (Furn. on 639582 & 639726)
639495 Cable Assem. - Temp. Control - Frt. Evap.

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LIST OF PARTS TO BE CANCELLED (cont'd.)

<u>PART NO.</u>	<u>NAME</u>
** 626514	Grommet - 1-3/16 Dia. Hole (Decr. by 1)
639744	Cable Assem. - Temp. Control (Dual)
639746	Cable Assem. - Fresh Air Control LH
626553	Nut - #8 Flat Type (Decrease by 1)
640277	Plate - Air Conditioner Control
97389	Valve Assem. - Suction Service
639558	Air Cond. Assem. - Frt. Complete
639742	Air Cond. Assem. - Frt. Complete (Dual)
639559	Hsg. Assem. - Frt. Air Cond. Compl.
639743	Hsg. Assem. - Frt. Air Cond. Compl. (Dual)
640323	Panel - Frt. Air Cond. Hsg. End LH
639572	Panel Assem. - Frt. Air Cond. Hsg. End LH
640620	Panel - Frt. Air Cond. Hsg. End LH (Dual)
639745	Panel Assem. - Frt. Air Cond. Hsg. End LH (Dual)
639571	Brkt. Assem. - Temp. Cont. Cable - Frt. Evap.
640339	Brkt. - Temp. Cont. Cable - Ft. Evap.
640340	Angle - Temp. Cont. Brkt.
640623	Panel - Frt. Air Cond. Hsg. - Top (Dual)
626556	Grommet - 1" I.D. x 1-3/4 O.D. (Usage Chg.)
** 640325	Plate - Outlet Hose Cover

This revision to be effective after a total of 250 Checker System' Air Conditioners have been built.

The following parts are used with a Front unit only. They are not used on a vehicle with both Front & Rear, therefore the quantity to be used will be decreased by the ammount of Dual Units built within the 250.

- 639582 Hose
- 639583 Hose
- 640323 Panel
- 639572 Panel Assem.
- 639571 Brkt. Assem.
- 640339 Brkt.
- 640340 Angle
- 639559 Hsg. Assem.
- 639558 Air Cond. Assem.
- * 639495 Cable Assem.

Note: This revision incorporated on Chassis #7344 (#649 Aerobus)

** Added 6-13-63

* 8-22-62