

April 24, 1963

ENGINEERING MEMORANDUM #40

TO: J. Stout, P. Visser, J. Coleman, S. Hori, E. Horrigan, K. Luke, F. Leamy (3), R. McCulfor, R. Smith, C. Cornwell, E. Nelson, J. Copeland, T. Bedard, J. Temple (4), K. Both, L. Hilsky (4), A. Radke (3), D. Markin, B. Herrington (8), W. Asselin, D. Bach, F. Baldwin, R. Fuller, A. Goedhart, S. Megyesi.

FROM: R. G. Fuller

SUBJECT: AIR CONDITIONER INSTALLATION ON A-11 (TAXICAB)

Because the real difference between Air Conditioners for A-11 and A-12 is only at the instrument panel, Kit #95332 has been cancelled to eliminate as much of said difference as possible.

The B/M will show a complete installation for Cabs, employing most of the parts used on A-12. The Body B/M is affected with respect to elimination of differences in panels used with A-11 and A-12 Air Conditioner.

The Engineering Department is able to furnish the information required to modify several "Eaton" Evaporators, which we have on hand, should the orders appear before the newest evaporator releases. If orders are not issued too soon it may be possible to reserve the old evaporators for servicing those already in use.

The prospects of reducing the installation time and production inventory with this system are good. A supplementary list of parts indicating the anticipated Releases/Changes will be made available to individuals most directly involved.

\* This revision incorporated on Chassis #11033

\* Note added 7-11-63

SUBJECT: LIST OF RELEASES/CHANGES ANTICIPATED IN CONNECTION WITH A  
NEW CAB TYPE AIR CONDITIONER. REFERENCE MEMO #40

Cancelled Parts

95332 Air Conditioner Kit  
95250 Wiring Cable-Horn to Relay Ext.  
94698 Connector Body-Horn to Relay Ext.  
95249 Plate Assem. - Horn Mtg.  
97530 Radiator Assem. - Standard Trans.  
97529 Radiator Assem. - Auto. Trans.  
640309 Panel-Front Fender Inner LH-For A-9 Eaton Air Conditioner  
633344 Panel Assem.-Radiator Supt.-For A-9 Eaton Air Conditioner  
94797 Brkt. - Evap. Support - Upper  
\*634409 Panel - Radiator Supt. (Eaton Air Cond.)

New Parts

97610 Evaporator Assem. - Air Cond. Compl.  
97611 Evaporator Assem. - Air Cond.  
97618 Hose Assem. - 3/8" Cond. to Evap.  
97617 Hose Assem. - 5/8" Evap. to Comp.  
\* 94694 Grommet - 5/8" Hose Firewall (was part of 95332)  
95248 Wire Assem. - Jumper (was part of 95332)  
97612 Wiring Assem. - Air Cond. Control  
98588 Brkt. - Air Cond. Evap.  
\* 640621 Hose - Evap. Drain  
98587 Brkt. - Evap. to Instr. Panel LH  
98588 Brkt. - Evap. to Instr. Panel RH  
97613 Tube Assem. - Water Pump to Int. Manif.  
\* 97637 Tube Assem. - Water Pump to Int. Manif. (Reworked)

Changes in Usage

121753 Lockwasher-1/4 Ext. Tooth Type "B" (Reduce by 1)  
122007 Bolt - 5/16-18 x 3/4 Hex. Head (Reduce by 8)  
120376 Nut - 5/16-18 Hex. (Reduce by 10)  
120214 Lockwasher - 5/16 Medium (Reduce by 10)  
120393 Washer - 11/32 I.D. x 11/16 O.D. Plain (Reduce by 10)  
189694 Screw - #14 x 1/2 Hex. Hd. (Reduce by 1)  
120854 Bolt - 1/4-20 x 5/8 Hex. Hd. (Incr. by 5)  
120392 Washer - 9/32 I.D. x 5/8 O.D. (Incr. by 5)  
120391 Washer - 7/32 I.D. x 1/2 O.D. (Decr. by 2)  
626322 Washer - 5/16 I.D. x 7/8 O.D. (Incr. by 4)  
80352 Clip - "J" Type 13/32 Bolt Hole  
121887 Bolt - 1/4-20 x 3/4 Hex. Hd. (Incr. by 4)  
120380 Lockwasher - 1/4 Med. Spr. (Revise Usage)  
161711 Screw - #14 x 5/8 R.H.C.R. Tapp.(Incr. by 4)  
97391 • Compressor Assem. - Air Cond. (Add A-11)  
97392 Clutch Assem. - Air Cond. (Add A-11)  
97483 Clutch Assem. - Air Cond. (Compl.)(Add A-11)  
97388 Valve Assem. - Discharge Service (Add A-11)  
97434 Valve Assem. - Press. Reg. (Add A-11)  
98376 Gasket - Service Valve to Compr. (Add A-11)  
97353 Condenser Assem. - Air Cond. (Add A-11)  
120706 Bolt - 1/4-20 x 5/8 Hex. Hd. (Decr. by 3)  
446620 Nut - 1/4-20 Type "J" (Decr. by 2)  
\* 7-8-63