PREVOST

HVAC SYSTEM

HVAC DASH MODULE

DRIVER'S FAN SPEED CTRL MODULE

12V POWER FROM FR JCT BOX SEE P. 2.1 — 12-12K-14 — CB58 6A — C74 35 — 12-29H-16 — C539 1, 7, 12

24V POWER FROM FR JCT BOX CB35 SEE P. 9.3 — 24-44C-16 — C539 5, 6

PASSENGER DAMPER REC

RS — 0-0A-18 — C111 2 — GAZ CYLINDER — C111 1 — C9 5 — 24-65P-18 — C539 8 — O_GRD PAS. FRESH AIR (TEST)

C105 B — DR. LIQ.SOL.VAL. — C105 A — 24-116B-18 — C11 28 — C539 10 — O_ON/OFF (TEST) LIQ. SOL. VALVE

FS — 0-0C-14 — C106 B — DRIVER HTR WATER VALVE N.O. — C106 A — 24-45G-18 — C11 4 — C539 11 — O_DRIVER HEAT (TEST)

FOOT DAMPER MOTOR — C484 A — 65-18 — C539 14 — O_DRIVER FOOT DAMPER (TEST)
C484 B — 65A-18 — C539 13

DASH & DEFROST DAMPER MOTOR — RED — C485 1 — 68-18 — C539 15 — O_DRIVER DEFROST & DASH DAMPER (TEST)
BLK — C485 3 — 68A-18 — C539 16

CB79 15A — 24-24IA-14 — 24VI POWER FROM FR.JCT.BOX SEE P.1.1

24-29-14 — C4 23

BLU — BATTERY — C480 A — 24-29-14
RED

REC DAMPER GAZ CYLINDER — RED — C480 D — 24-65D-18 — C11 17 — C539 9 — O_DRIVER FRESH AIR DAMPER (TEST)

GROUND — C480 B — 0-0M3-12 — FS

IGNITION — C480 C — 12-116C-18 — C11 8 — C539 23 — O_ON/OFF DEFROST

C481 A — CCW — 64A-18 — C11 31 — C539 17 — O_RESIS.(MCC POT 1)
C481 B — WHIPPER — 64-18 — C11 30 — C539 18 — INPUT(MCC POT 2)
C481 C — CW — 64B-18 — C11 32 — C539 19 — O_RESIS.(MCC POT 3)

0-66-20 — C539 22 — O_PAS. ON/ OFF (TEST)

TO OUTSIDE FREEZE T.T.LT. MODULE C572 (14) SEE P. 28.1 — 0-181-20 — C539 21 — O_GROUND FREEZE TEMP

TO A/C MODULE C139 (15) SEE P. 13.2 — 0-77K-20 — C539 20 — O_AC_MODULE COMPRESSOR DIS.

C539 24 — O_GROUND PHOTOCEL

C140 4 — I_OUTSIDE TEMP — 181C-18 (BLK) — C538 1 — BLK — TEMPERATURE SENSOR — OUTSIDE
C140 3 — 181D-18 (WHT) — C538 2 — YEL
SH

C140 2 — I_DRIVER TEMP — 181A-18 (BLK) — C474 1 — BLK — TEMPERATURE SENSOR — DRIVER'S INSIDE
C140 1 — 181B-18 (WHT) — C474 2 — YEL
SH

C479 3 — I_PAS.TEMP (BLK)
C479 2 — (YEL)
C479 1

C540 1 — I_24V BAT. — 24-7B-20 — 24V HOT WIRE FROM CB85 SEE P. 16.1

C140 12 — I_RHEOSTAT — 0@12-114A-20 — FROM DASH LTS RHEOSTAT SEE P 11.2

C140 13 — OUTPUT — 180-20
C140 3 — OUTPUT — 180A-20
C140 14 — OUTPUT — 180B-20
C140 4 — OUTPUT — 180C-20
— TO TELL TALE LTS MODULE OUTSIDE TEMP DISPLAY C573 (5,6,7,8) SEE P. 28.1

C140 15 — O_HEAT 520 OHMS RESISTOR (P1) — C9 19 — 0@1-167-18 — C58 15 — TO ELECT. TRANSMITTER C137 (8) SEE P. 13.2

C140 16 — O_COOL 500 OHMS RESISTOR (P2) — C9 20 — 0@1-167A-18 — C58 14 — TO ELECT. TRANSMITTER C137 (9) SEE P. 13.2

C140 5 — I_GRD REF. (P3) — C9 18 — 0-165D-18 — C58 13 — REFERENCE GROUND FROM ELECT. TRANSMITTER C137 (1) SEE P. 13.2

C140 6 — O_CLUSTER — RX3-20 — TO 24V GAUGE RH PANEL CLUSTER RX(3) SEE P. 7.1

C140 17 — I_CLUSTER — 0-0T2-20 — RH PANEL GRD FROM CLUSTER SEE P. 7.1

C140 7 — I_BAT. GRD — 0-00A-18 — FBG

C140 18 — I_PAS. HEAT RED LED — 24-45B-20 — PASSENGER HEAT SIGNAL FROM A/C MODULE C139 (1) SEE P. 13.2

C140 19 — I_PAS. COOL GREEN LED — 24-2B-20
C140 20 — I_ENTRANCE DOOR OPEN — 24-12W-18 — ENTRANCE DOOR OPEN SIGN. FROM C4(21) SEE P. 16.1

C140 8 — I_DASH/DEFROST SW

C140 10 — I_IGN. SW. — 12-12H-18 — 12V IGNITION FROM CB28 SEE P. 7.1

C140 11 — I_ENG. RUN — 12-25-20 — 12V ENGINE RUN SIGNAL FROM R100 (87) SEE P. 4.1

C140 22 — I_ACCES. — 24-83-20 — 24V KEY SW.ACCESSORIES SIGNAL FROM MASTER KEY SW. SEE P. 4.1

RS — 0-0K-18 — R38 86 — 85 — C136 7 — D1 — C136 9

FROM A/C MODULE C139(14) SEE P.13.2 — 24-2BB-18 — R38 86

R38 30 — 87 — 87A

C58 10 — C9 17 — 24-2B-18 — C59 14 — C91 32

24-67A-16

COND. FAN MOTOR R.H. — BC — 0-0C-16 — R39 — C537 2 — C15 18 — 24-67K-18 — C91 17 — C158 2 — FIRST SPEED PRESSURE 138-105 — C158 1 — 24-2B-18

BC — 0-0D-10 — BAT — 41A-10 — BAT — 24-41-10 — CB77 40A — 24-90B-10 — 24V POWER FROM CB8 SEE P. 1.1

41B-10

CONDENSER FAN MOTOR L.H. — BC — 0-0D-10 — 42A-10 — N.C. / N.O. — BAT — 24-42-10 — CB78 40A — 24-90C-10 — 24V POWER FROM CB8 SEE P. 1.1

RS — 0-0A-18 — C95 A — PASSENGER LIO. SOL. VALVE — C95 B — 24-2B-18

BC — 0-0C-16 — R41

BC — 0-0C-16 — R40 — C537 1 — C15 17 — 24-67L-18 — C91 19 — C159 2 — SECOND SPEED PRESSURE 195-150 — C159 1 — 24-67A-16

TO HUMIDISTAT SEE P. 13.2

24-67L-18

TO EVAPORATOR CONTROL MODULE C112(B) SEE P. 13.2 — 24-67A-16 — C58 19 — 24-67A-16 — C59 9 — C91 31 — TO LAVATORY FAN R106(86) SEE P. 17.1

TO HVAC LOGIC PANEL P. 13.2 — 24-67A-16 — 24-67A-16 — 87A / 87 / 30 — C59 10

C9 1 — 0-66-20 — C58 3 — 85 — 86 — 24-67D-20 — R34

CB71 10A — 24-24C-12 — 24V POWER FROM RR JCT.BOX R39 (BAT) SEE P. 1.1

CONDENSER COMPARTMENT DOOR AJAR SWITCH — 0-45W-20 — C9 6 — 0-45W-20 — TO CONDENSER DOOR AJAR T.T.LT. MODULE C572 (7) SEE P. 28.1

WIRING DIAGRAM

NO: D060902

PAGE: 13.1

REVISION 08