PREVOST

WIRING DIAGRAM

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
I_12V C.O. SW FEED
FS 0-0T2-16 2 I_CHASSIS GRD
FBG 0-00A-18 3 4 I_BATTERY GRD
24V POWER FROM FR JCT BOX CB35 SEE P. 9.3
24-44C-16 5 6 I_24V C.O. SW FEED
PASSENGER DAMPER REC
RS 0-0A-18 C111 2 GAZ CYLINDER C111 1 C9 5 24-65P-18 8
O_GRD PAS. FRESH AIR (TEST)
C105 B DR. LIQ.SOL.VAL. C105 A 24-116B-18 C11 28 10
O_ON/OFF (TEST) LIQ. SOL. VALVE
0-0C-16
FS C106 B DRIVER HTR WATER VALVE N.O. C106 A 24-45G-18 4 11
O_DRIVER HEAT (TEST)
FOOT DAMPER MOTOR
C484 A 65-18 14
B 65A-18 13
O_DRIVER FOOT DAMPER (TEST)
DASH & DEFROST DAMPER MOTOR
RED C485 1 68-18 15
BLK 3 68A-18 16
O_DRIVER DEFROST & DASH DAMPER (TEST)
CB79 15A 24-241A-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 D 24-65D-18 17 9
O_DRIVER FRESH AIR DAMPER (TEST)
GROUND B 0-0M3-12 FS
IGNITION C 12-116C-18 8 23
O_ON/OFF DEFROST
CCW C481 A 64A-18 31 17
WHIPPER B 64-18 30 18
CW C 64B-18 32 19
O_RESIS.(MCC POT 1)
INPUT(MCC POT 2)
O_RESIS.(MCC POT 3)
0-66-20 22
O_PAS. ON/ OFF (TEST)
TO OUTSIDE FREEZE T.T.LT. MODULE C572 (14) SEE P. 28.1
0-181-20 21
O_GROUND FREEZE TEMP
TO A/C MODULE C139 (15) SEE P. 13.2
0-77K-20 20
O_AC_MODULE COMPRESSOR DIS.
24
O_GROUND PHOTOCEL

C140
I_OUTSIDE TEMP 4 3
181C-18 (BLK)
181D-18 (WHT)
SH
C538 1 2 BLK YEL
TEMPERATURE SENSOR
OUTSIDE
I_DRIVER TEMP 2 1
181A-18 (BLK)
181B-18 (WHT)
SH
C474 1 2 BLK YEL
TEMPERATURE SENSOR
DRIVER'S INSIDE
C479
I_PAS.TEMP 3 (BLK) 2 (YEL) 1
C540
I_24V BAT. 1
24-7B-20
24V HOT WIRE FROM CB85 SEE P. 16.1
I_RHEOSTAT 12
0@12-114A-20
FROM DASH LTS RHEOSTAT SEE P 11.2
OUTPUT 13 180-20
OUTPUT 3 180A-20
OUTPUT 14 180B-20
OUTPUT 4 180C-20
TO TELL TALE LTS MODULE OUTSIDE TEMP DISPLAY C573 (5,6,7,8) SEE P. 28.1
O_HEAT 520 OHMS RESISTOR (P1) 15
C9 19 0@1-167-18 C58 15
TO ELECT. TRANSMITTER C137 (8) SEE P. 13.2
O_COOL 500 OHMS RESISTOR (P2) 16
20 0@1-167A-18 14
TO ELECT. TRANSMITTER C137 (9) SEE P. 13.2
I_GRD REF. (P3) 5
18 0-165D-18 13
REFERENCE GROUND FROM ELECT. TRANSMITTER C137 (1) SEE P. 13.2
O_CLUSTER 6
RX3-20
TO 24V GAUGE RH PANEL CLUSTER RX(3) SEE P. 7.1
I_CLUSTER 17
0-0T2-20
RH PANEL GRD FROM CLUSTER SEE P. 7.1
I_BAT. GRD 7
0-00A-18 FBG
I_PAS. HEAT RED LED 18
24-45B-20
PASSENGER HEAT SIGNAL FROM A/C MODULE C139 (1) SEE P. 13.2
I_PAS. COOL GREEN LED 19
24-2B-20
I_ENTRANCE DOOR OPEN 20
24-12W-18
ENTRANCE DOOR OPEN SIGN. FROM C4(21) SEE P. 16.1
I_DASH/DEFROST SW 8
I_IGN. SW. 10
12-12H-18
12V IGNITION FROM CB28 SEE P. 7.1
I_ENG. RUN 11
12-25-20
12V ENGINE RUN SIGNAL FROM R100 (87) SEE P. 4.1
I_ACCES. 22
24-83-20
24V KEY SW.ACCESSORIES SIGNAL FROM MASTER KEY SW. SEE P. 4.1

RS 0-0K-18
R38
FROM A/C MODULE C139(14) SEE P.13.2
24-2BB-18 86 85
C136 7 D1 C136 9
30 87 87A
24-67A-16
24-2B-18
C58 10 C9 17
C59 14 C91 32
FIRST SPEED PRESSURE 138-105
COND. FAN MOTOR R.H.
BC 0-0C-16 R39
C537 2 RS36 10Ω C537 2 C15 18 24-67K-18 C91 17 C158 2 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.
N.C. N.O.
RS 0-0A-18 C95 A C95 B 24-2B-18
PASSENGER LIO. SOL. VALVE
BC 0-0D-10 42A-10 BAT 24-42-10 CB78 40A 24-90C-10
24V POWER FROM CB8 SEE P. 1.1
BC 0-0C-16 R41
BC 0-0C-16 R40
C537 1 RS37 5Ω C537 1 C15 17 24-67L-18 C91 19 C159 2 C159 1 24-67A-16
SECOND SPEED PRESSURE 195-150
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

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