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

FS
0-0T2-16
C539 2
I_CHASSIS GRD

FBG
0-00A-18
C539 3 4
I_BATTERY GRD

24V POWER FROM FR JCT BOX CB35 SEE P. 9.3
24-44C-16
C539 5 6
I_24V C.O. SW FEED
I_DRIVER TEMP
C140 2 1
181A-18 (BLK)
181B-18 (WHT)
SH
C474 1 2
BLK YEL
TEMPERATURE SENSOR
DRIVER'S INSIDE

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

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

0-0C-14
FS
C106 B
DRIVER HTR WATER VALVE N.O.
C106 A
24-45G-18
C539 4 11
O_DRIVER HEAT (TEST)
I_24V BAT.
C540 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
I_12V BAT.
2
12-12LX-18
12V HOT WIRE FROM FR JCT BOX SEE P 7.1

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

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

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

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

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
D
24-65D-18
C539 17 9
O_DRIVER FRESH AIR DAMPER (TEST)
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. 7.2
I_BAT. GRD
7
0-00A-18
FBG

GROUND
C
0-0M3-12
FS
I_PAS. HEAT RED LED
18
24-45B-20
PASSENGER HEAT SIGNAL FROM A/C MODULE C139 (1) SEE P. 13.2

IGNITION
B
12-116C-18
C539 8 23
O_ON/OFF DEFROST
I_PAS. COOL GREEN LED
19
24-2B-20

CCW
WHIPPER
CW
C481 A B C
64A-18
64-18
64B-18
C539 31 30 32 17 18 19
O_RESIS.(MCC POT 1)
INPUT(MCC POT 2)
O_RESIS.(MCC POT 3)
I_ENTRANCE DOOR OPEN
20
24-12W-18
ENTRANCE DOOR OPEN SIGN. FROM C4(21) SEE P. 16.1

0-66-20
C539 22
O_PAS. ON/ OFF (TEST)
I_DASH/DEFROST SW
8

TO OUTSIDE FREEZE T.T.LT. MODULE C571 (13) SEE P. 28.1
0-181-20
C539 21
O_GROUND FREEZE TEMP
I_DASH SW.
10

TO A/C MODULE C139 (15) SEE P. 13.2
24-77K-20
C539 20
O_AC_MODULE COMPRESSOR EN.
I_ENG. RUN
11
12-25-20
12V ENGINE RUN SIGNAL FROM R100 (87) SEE P. 4.1

C539 24
O_GROUND PHOTOCEL
I_ACCES.
22
24-83-20
24V KEY SW.ACCESSORIES SIGNAL FROM MASTER KEY SW. SEE P. 4.1

C58 10
C9 17
PASSENGER COOL SIGNAL FROM A/C MODULE C139 (14) SEE P. 13.2
24-2B-20
C59 14
C91 32

FIRST SPEED PRESSURE 138-105

R39
CONDENSER FAN MOTOR R.H.
BC
0-0C-16
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.
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
C15 17
24-67L-18
C91 19
C159 2
C159 1
24-67A-16
SECOND SPEED PRESSURE 195-150
24-67L-18

TO HUMIDISTAT SEE P. 13.2
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
24-67D-16
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
C12 9
C9 6
0-45W-20
TO CONDENSER DOOR AJAR T.T.LT. MODULE C515 (2) SEE P. 28.1

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