DRIVER'S AIR ONLY

IN | HVAC DASH MODULE | OUT

C539 | C540 | C140 | C538

POWER GRD
C.P.U. MEMORY
C.P.U. DRIVER
POWER 12 V
24 VI
PHOTOCELL INTENSITY ON DISPLAY
BACKLIGHTING INTENSITY ON KEYBOARD
NOT USED
ANALOG GROUND
DRIVER'S TEMP. CTR'L Kp=3 Kpp=1 Ki=20 Kip=13
FROZEN POINT SIGNAL OUTSIDE THERMOMETER
CUT IN = 35 F CUT OUT = 25 F
DIAGNOSTIC MODE (2S)
WATER PUMP
SERIAL PORT TX RX
ON-DELAY 45 SEC.
HEATING INDICATOR
DRIVER
V.R. 9.4V
PWM CONTROL
AUX

FS
0-0T5-14
0-0T5-18
12V HOT WIRE FROM CB 129 FR JCT BOX SEE P. 7.1
12-12LX-18
12V POWER FROM FR JCT BOX SEE P. 2.1
CB58 6A
12-29H-16
C74
12-12K-14
24V POWER FROM FR JCT BOX CB35 SEE P. 9.3
24-44C-16
12 V. ENGINE RUN FROM RA4(87) SEE P. 4.2
12-25D-20
12 VOLTS IGNITION FROM FR JCT BOX CB28 SEE P. 7.1
12-12H-18
N.C. MAGNETIC SWITCH CENTRAL POS. - OPEN
C599
12-69-18
C474
2@4-181B-18 (YEL)
0-181A-18 (YEL)
DRIVER'S RETURN AIR SENSOR
OUTSIDE TEMP. SENSOR
YEL BLK
181D-18 (WHT)
181C-18 (WHT)
24V ACCESSORIES FROM KEY SWITCH SEE P. 4.1
24-83-20
FROM DASH LIGHT RHEOSTAT SEE P. 11.2
0@12-114A-20
N/C FULL AIR ONLY
CRXTX
HI-PRESS SW. 320-245 PSI
LO-PRESS SW. 5-30 PSI
C133 C91 C52 C9
C132 C91 C52 C9
0-2H-16
0-2L-16
0-0P-14
C91 (55)
0-0XA-14
RS

C539 | C11

16 — 24-45G-18 — DRIVER'S HEATER SOL. VALVE C106 N.O. C106 — 0-0C-14
19 — 24-116B-18 — DRIVER'S LIQ. SOL. VALVE C105 N.C. C105 — 0-0C-14
22 — 9.4-116C-18 — C481 A
N/C 13
2 — C301 A — 3.2@8.5-64-18 — C481 B — IGNITION WIPER — PWM CONTROL — DRIVER'S FAN SPEED CTRL
N/C 1
C11 17 — 24-65D-18 — C481 C
15 — 24VI POWER FR.JCT.BOX SEE P.1.1 — 24-24IA-10 — CB79 25A — 24-29-10 — C4 23 29 — 29-14 29X-14 — C480 A B C D
18 — FS — 0-0M3-10 — C480 C
11 — 65A-18 — C484 B — MOTOR — FOOT DAMPER — 65-18 — C484 A
12 — C204 N.C. C204 — AUX. LIQ. SOL. VALVE
23 — 68-18 — C485 1 — MOTOR — DASH & DEFROST DAMPER — 68A-18 — C485 3
24 — 24-65P-18
17 — 0-181-20 — TO FROZEN POINT T.T. LT MODULE C572(14) P. 23.1
14 — 24-65P-18 — CRXTX — C9 1 N/C 5 — 12-216C-18 — C9 11 — N/C FULL AIR ONLY — 12-216C-18 — C540 14
C540 3 — 264B — C9 15 N/C 18 — 264B-18 — C202 C CW — WIPER — PWM CONTROL — GRD MOT. BATT. — AUX. FAN SPEED CTR'L
2 — 3.2@8.5-264-18 — C9 20 — 264-18 — C202 B
N/C 1 — 264A — C9 19 — 264A-18 — C202 A CCW
FS — 0-0M8-14 — C9 12
18 — 180-20
6 — 180A-20
17 — 180B-20
7 — 180C-20 — TO TELL-TALE LTS MODULE OUTSIDE TEMP. DYSPLAY C573(5,6,7,8) SEE P. 23.1

24 V HOT WIRE RR JCT BOX P. 1.1 — 24-24DA-14 — CB73 15A — 24-57A-14 — 30 — 87A — 87 — 18 — 24-57B-14 — C52 C9 C11 C157 — 29 — A — WATER PUMP — C157 B — C58 5 N/C
C539 20 — 24-45J-18 — C541A B — C9 13 — 24-45A-18 — C52 23 — C136 13 — C136 15 — D84 — 24-45B-18 — 86 — 85 — R35 — 0-0-18
FROM PRE-HEAT R83(87) SEE 14.1 — 24-57C-18 — C136 10 — C136 12 — D66 — R83 86 85 — 0-0K-18 — RS
C540 15 — 12-28H-18 — TO T.T. LT. MODULE C571 (7) SEE P. 23.1
N/C 4 — C9 2 — 24-45B-18 — C52 17 — COIL SENSING THERMOSTAT — C11 1 — C11 2 — C9 24 — 24-77A-18 — C52 24 — 86 — 85 — R81 — FROM RADIATOR FAN CLUTCH 1ST SPEED SEE P. 8.1 SP1 — 0-291-16 — 30 — 87 — 87A — RS
16
C539 21 — 24-77K-18 — C9 10 N/C — A/C COMPRESSOR CLUTCH — C91 12 — C128 A — C128 B — 0-0P-14
24 V POWER FROM RR JCT BOX P. 1.1 — 24-24C-12 — CB72 10A — 24-77C-16 — R34 N/C 30 — 87 — 87A — 24-77B-18 — C136 3 — C136 1 — D60 — 0-0-16 — RS
12-28T-18 — TO T.T. LT. MODULE C571 (6) SEE P. 23.1
FROM RADIATOR FAN CLUTCH 2ND SPEED SEE P. 8.1 SP1 — 0-292-16 — C91 33 — C159 A — C159 B — 2ND SPEED PRESS. SW. 0-0XA-14 170-130 PSI — C91 (55) — RS

C201 — 24-65P-18 — 0-0M8-18 — C1 7 — C527 7 — F29 15A — C527 2 — 24-24C-14 — FJB SEE P. 1.1 24V POWER
A — 24-229-14
B — 0-0M8-18
D — 24-229A-14
C — TRIGGER ON — 229A
AUX. FAN DEFROSTER — C203 B A

DEFROSTER FAN — DEFROSTER FAN — FS
MOTOR — BATTERY — GRD
ACTUATOR-RED
BATTERY-OR
GND-BLK
REC DAMPER GAZ CYLINDER
0-0M9-14