IN | HVAC DASH MODULE | OUT

DRIVER'S AIR ONLY

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
C539
C540
C140
C474
2@4-181B-18 (YEL)
0-181A-18 (YEL)
DRIVER'S RETURN AIR SENSOR
C538
OUTSIDE TEMP. SENSOR
YEL 181D-18 (WHT)
BLK 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

POWER GRD
C.P.U. MEMORY
AND
C.P.U. DRIVER
POWER 12 V
24 VI
GRD
PHOTOCELL INTENSITY ON DISPLAY
BACKLIGHTING INTENSITY ON KEYBOARD
NOT USED
ANALOG GROUND
ON-DELAY 45 SEC.
ON-DELAY 45 SEC.
DRIVER'S TEMP. CTR'L
Kp=3 Kpp=1
Ki=20 Kip=13
CUT IN = 35 F
CUT OUT = 25 F
FROZEN POINT SIGNAL
OUTSIDE THERMOMETER
ON OFF
DRIVER
24 VI
24V
12V
V.R. 9.4V
PWM CONTROL
HEATING INDICATOR
REC
DRIVER
AUX
DIAGNOSTIC MODE (2S)
WATER PUMP
SERIAL PORT
TX
RX
C479

C539 16 → 24-45G-18 → C11 4 → C106 N.O. C106 → 0-0C-14
C539 19 → 24-116B-18 → C11 28 → C105 N.C. C105 → 0-0C-14
C539 22 → 9.4-116C-18 → C11 8 → C481 A
C539 13 N/C
C539 2 → C301 A → 3.2@8.5-64-18 → C481 B
C539 1 N/C
C11 17 → 24-65D-18 → C481 C
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
FS 0-0M3-10
C539 15 → 65A-18 → C484 B MOTOR FOOT DAMPER A
C539 18
C539 11 → 65-18
C539 12
C539 23 → 68-18 → C485 1 MOTOR DASH & DEFROST DAMPER A
C539 24 → 68A-18 → 3
C539 17 → 0-181-20 → TO FROZEN POINT T.T. LT MODULE C572(14) P. 23.1
C539 14 → 24-65P-18 → C9 5
CRXTX 1 N/C FULL AIR ONLY
C540 14 → 12-216C-18 → C9 11 → 12-216C-18
C540 3 N/C → 264B → C9 15 N/C → 264B-18 → C202 C CW
C540 2 → 3.2@8.5-264-18 → C9 20 → 264-18 → C202 B WIPER
C540 1 N/C → 264A → C9 19 → 264A-18 → C202 A CCW
FS C9 12 → 0-0M8-14
C539 18 → 180-20
C539 6 → 180A-20
C539 17 → 180B-20
C539 7 → 180C-20
TO TELL-TALE LTS MODULE OUTSIDE TEMP. DYSPLAY C573(5,6,7,8) SEE P. 23.1
C540 15 → 12-28H-18 → TO T.T. LT. MODULE C571 (7) SEE P. 23.1
C540 4 → C9 2
C540 N/C 16
24-45B-18 → C52 17
C539 21 → 24-77K-18 → C11 1 → C11 2 → C9 24 → 24-77A-18 → C52 24
C9 10 N/C
24 V POWER FROM RR JCT BOX P. 1.1
24-24C-12
CB72 10A
24-77C-16
R34 N/C (30)
12-28T-18 → TO T.T. LT. MODULE C571 (6) SEE P. 23.1
C539 20 → 24-45J-18 → C541A B → C9 13 → 24-45A-18 → C52 23 → C136 13 → C136 15 → 24-45B-18 → 86 D84 85 → R35
24 V HOT WIRE RR JCT BOX P. 1.1
24-24DA-14
CB73 15A
24-57A-14
30 → 87A
87 → C52 18
C52 C9 9 → C11 29 → C157 A → WATER PUMP → C157 B
24-57B-14
C58 5 N/C
FROM PRE-HEAT R83(87) SEE 14.1
24-57C-18
C136 10 → C136 12
D66
FROM RADIATOR FAN CLUTCH 1ST SPEED SEE P. 8.1 SP1
0-291-16
R83 86 85 30 87 87A
0-0K-18
RS
0-0-18
0-0M9-14
FS
FROM RADIATOR FAN CLUTCH 2ND SPEED SEE P. 8.1 SP1
0-292-16
C91 33 → C159 A
C159 B
2ND SPEED PRESS. SW. 170-130 PSI
0-0XA-14
C91 (55)
RS
C528 C9 C11 C157 C157 WATER PUMP
C541A C9 C52 C136 C136 C136 C136 D84 D66 D60
R81 86 85 30 87 87A
A/C COMPRESSOR CLUTCH C128
C91 C128
0-0P-14
0-0-16
R34 N/C (30)

DRIVER'S HEATER SOL. VALVE
C106 N.O. C106
DRIVER'S LIQ. SOL. VALVE
C105 N.C. C105
DEFROSTER FAN
HEATER FAN
IGNITION
WIPER
PWM CONTROL
DRIVER'S FAN SPEED CTRL
MOTOR
BATTERY
GRD
ACTUATOR-RED
BATTERY-OR
GND-BLK
REC DAMPER GAZ CYLINDER
AUX. LIQ. SOL. VALVE
C204 N.C. C204
24-65P-18
0-0M8-18
C1 7 C527 7 F29 15A C527 2
24-24C-14
FJB SEE P. 1.1 24V POWER
C201
24-229-14
0-0M8-18
24-229A-14
229A
TRIGGER ON
C202
PWM CONTROL
GRD
MOT.
BATT.
AUX. FAN SPEED CTR'L
AUX. FAN DEFROSTER
C203