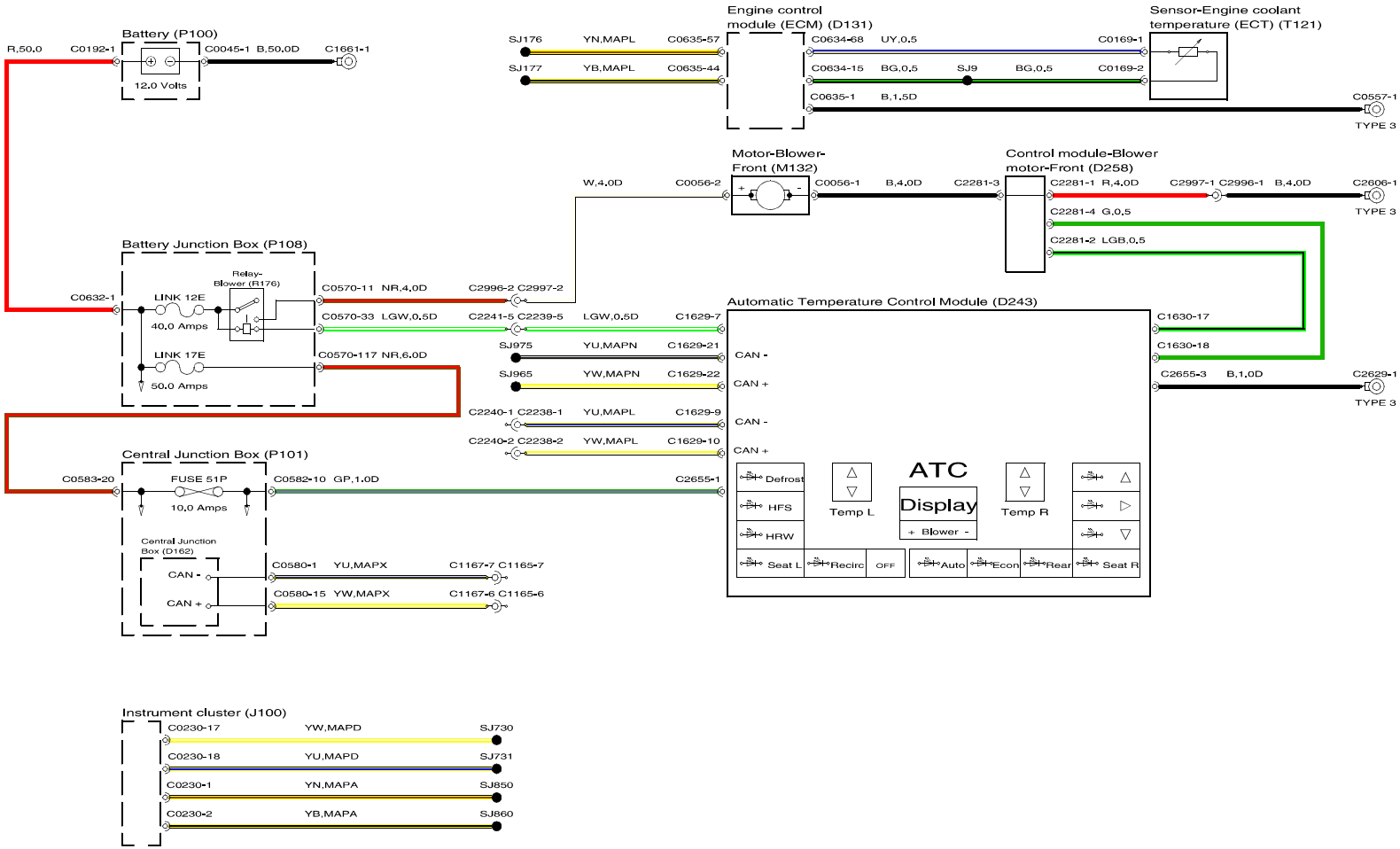
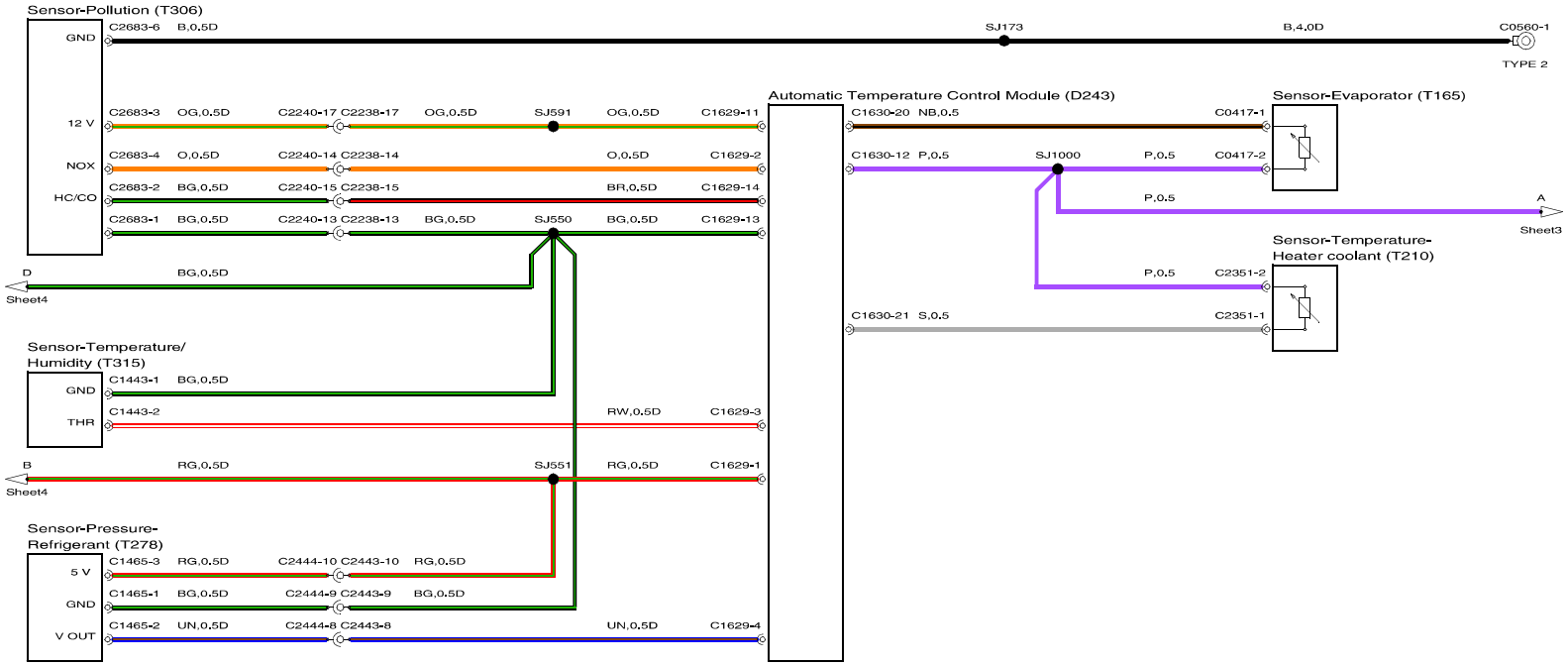
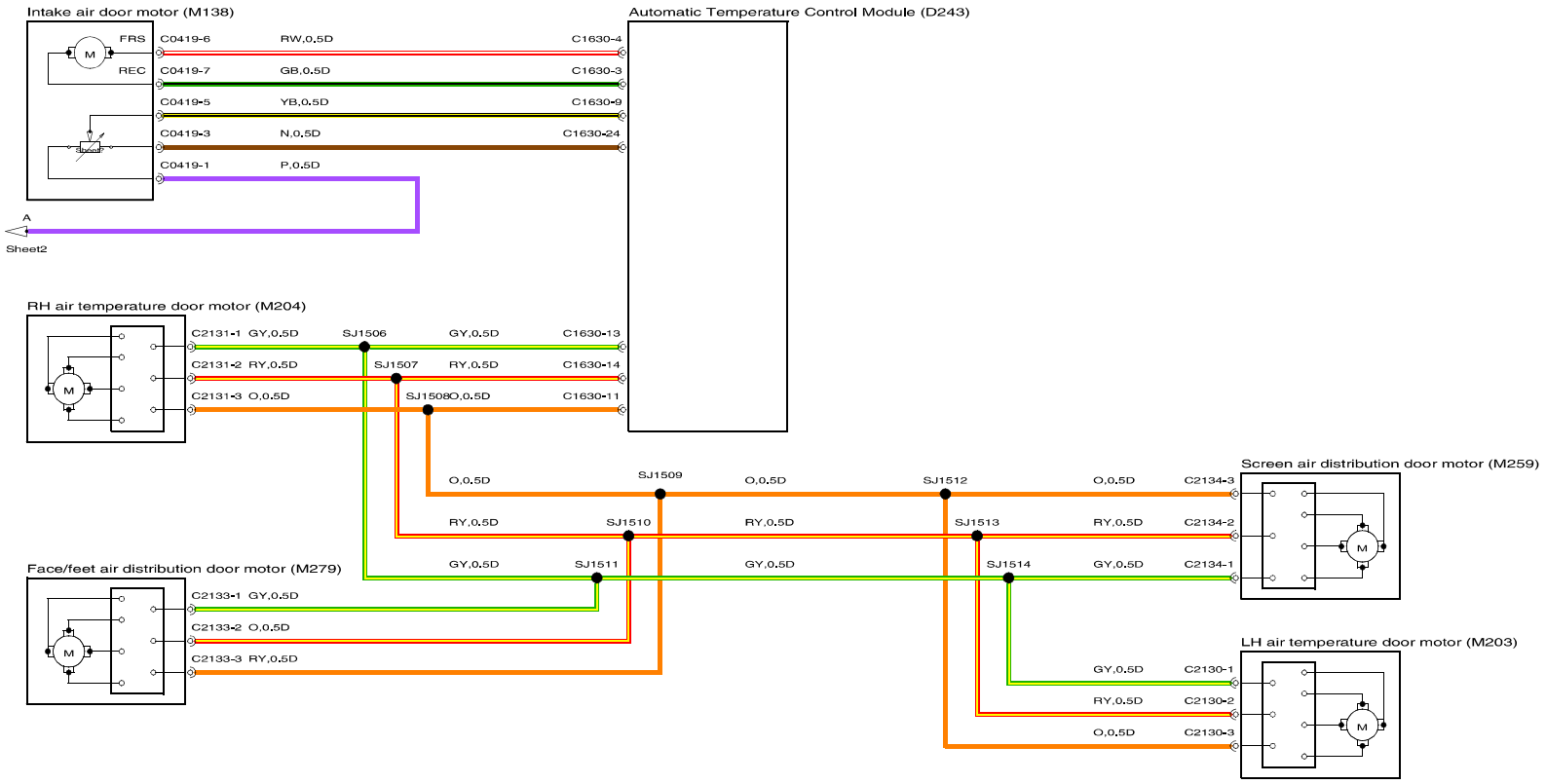
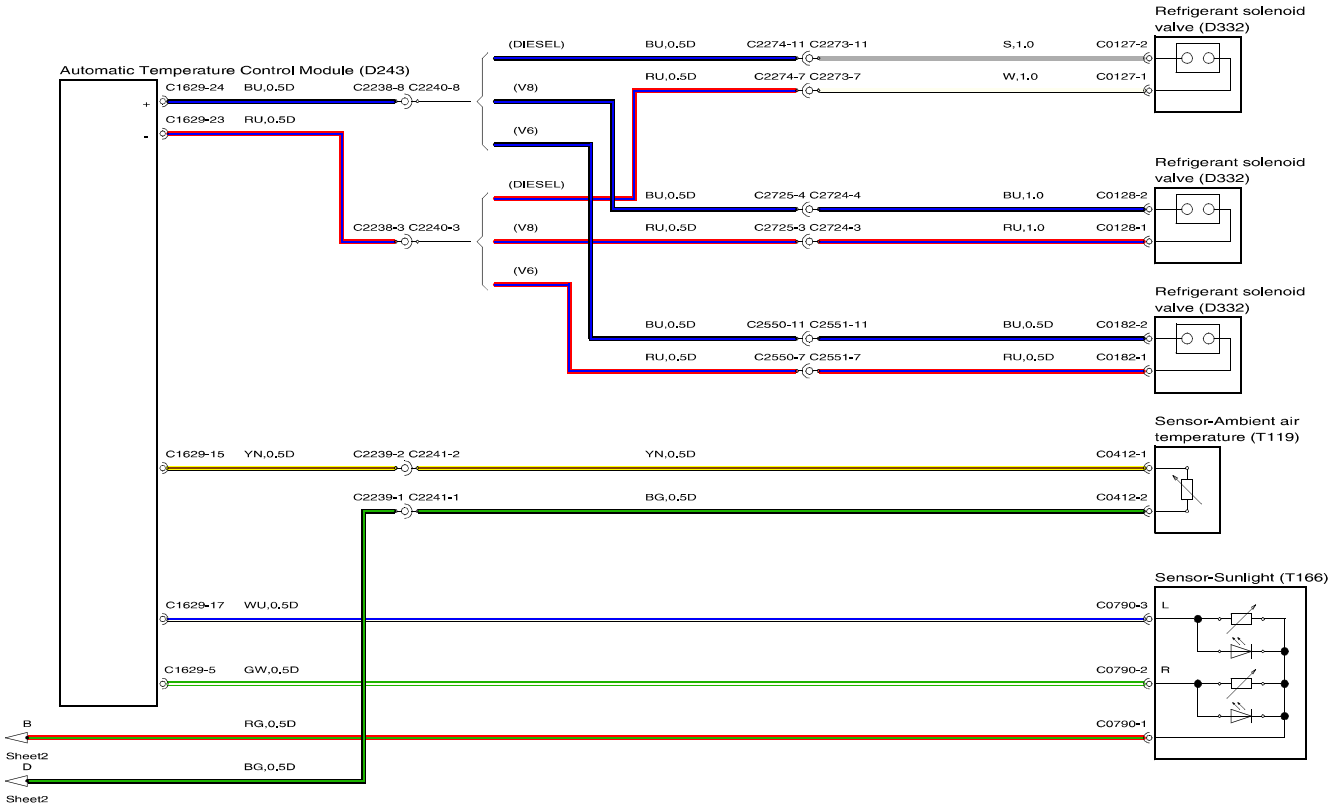
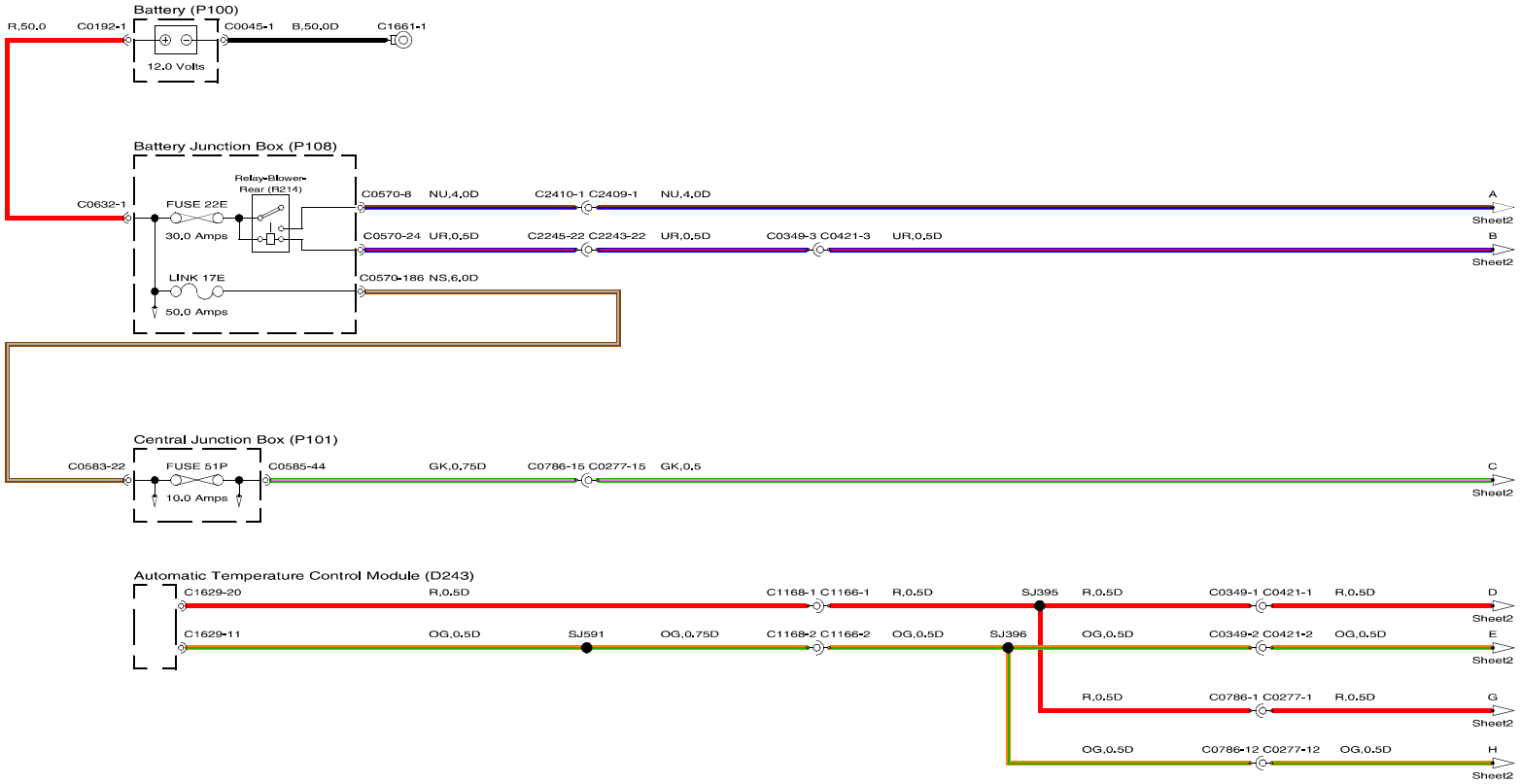
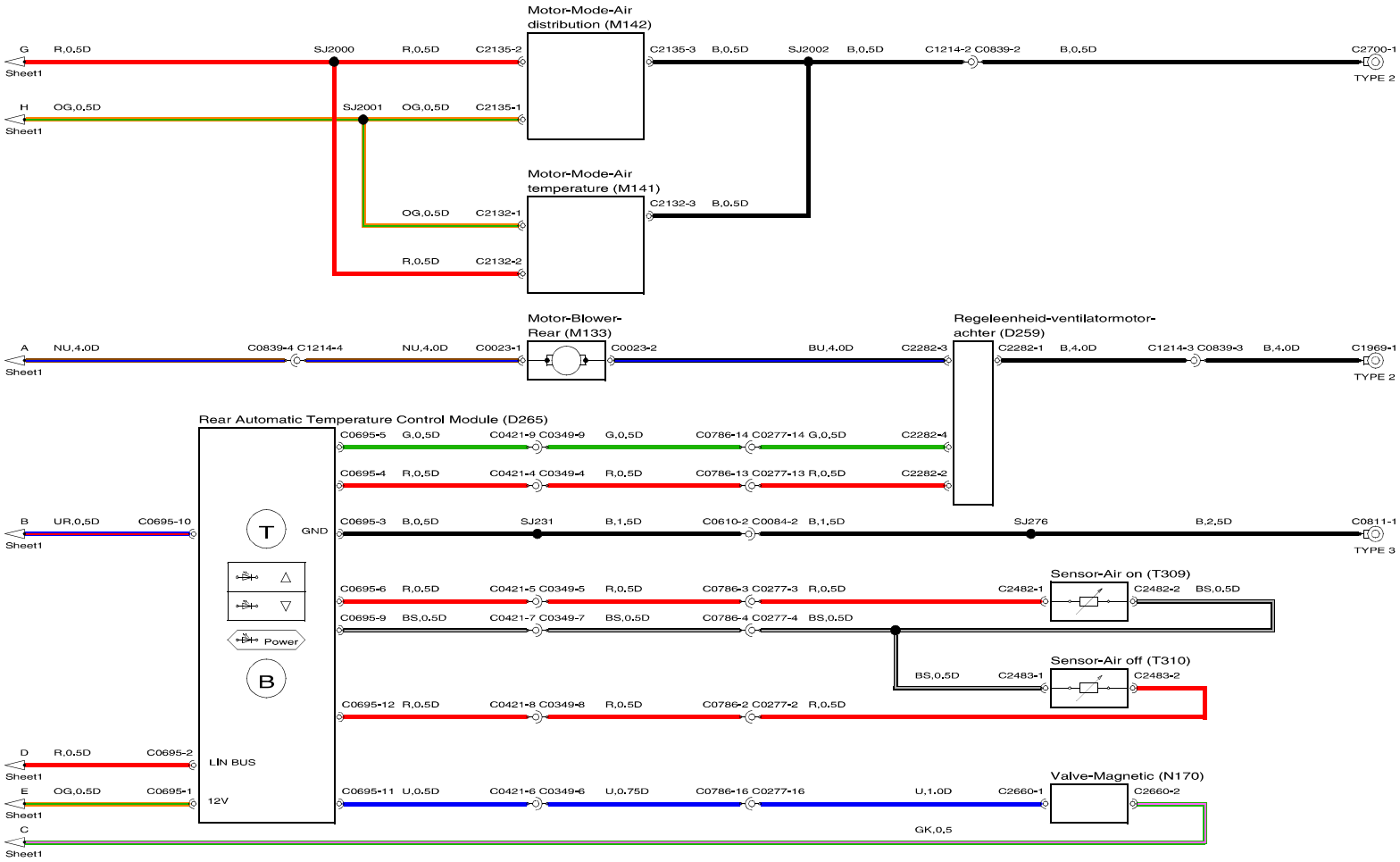

Battery (P100)
R,50.0
C0192-1
C0045-1 B,50.0D
C1661-1
12.0 Volts
Engine control module (ECM) (D131)
SJ176
YN,MAPL
C0635-57
SJ177
YB,MAPL
C0635-44
C0634-68
UY,0.5
C0169-1
C0634-15
BG,0.5
SJ9
BG,0.5
C0169-2
C0635-1
B,1.5D
Sensor-Engine coolant temperature (ECT) (T121)
C0557-1
TYPE 3
Motor-Blower-Front (M132)
W,4.0D
C0056-2
C0056-1
B,4.0D
C2281-3
Control module-Blower motor-Front (D258)
C2281-1 R,4.0D
C2997-1 C2996-1
B,4.0D
C2606-1
TYPE 3
C2281-4 G,0.5
C2281-2 LGB,0.5
Battery Junction Box (P108)
C0632-1
LINK 12E
40.0 Amps
Relay-Blower (R176)
LINK 17E
50.0 Amps
C0570-11 NR,4.0D
C2996-2 C2997-2
C0570-33 LGW,0.5D
C2241-5 C2239-5
LGW,0.5D
C1629-7
C0570-117 NR,6.0D
Automatic Temperature Control Module (D243)
SJ975
YU,MAPN
C1629-21
CAN -
SJ965
YW,MAPN
C1629-22
CAN +
C2240-1 C2238-1
YU,MAPL
C1629-9
CAN -
C2240-2 C2238-2
YW,MAPL
C1629-10
CAN +
C1630-17
C1630-18
C2655-3
B,1.0D
C2629-1
TYPE 3
Central Junction Box (P101)
C0583-20
FUSE 51P
10.0 Amps
C0582-10 GP,1.0D
C2655-1
Central Junction Box (D162)
CAN -
CAN +
C0580-1 YU,MAPX
C1167-7 C1165-7
C0580-15 YW,MAPX
C1167-6 C1165-6
Defrost
HFS
HRW
Seat L
Recirc
OFF
Temp L
ATC
Display
+ Blower -
Temp R
Auto
Econ
Rear
Seat R
Instrument cluster (J100)
C0230-17
YW,MAPD
SJ730
C0230-18
YU,MAPD
SJ731
C0230-1
YN,MAPA
SJ850
C0230-2
YB,MAPA
SJ860


Sensor-Pollution (T306)
GND
12 V
NOX
HC/CO
C2683-6 B,0.5D
SJ173
B,4.0D
C0560-1
TYPE 2
C2683-3 OG,0.5D C2240-17 C2238-17 OG,0.5D SJ591 OG,0.5D C1629-11
C2683-4 O,0.5D C2240-14 C2238-14 O,0.5D C1629-2
C2683-2 BG,0.5D C2240-15 C2238-15 BR,0.5D C1629-14
C2683-1 BG,0.5D C2240-13 C2238-13 BG,0.5D SJ550 BG,0.5D C1629-13
D
Sheet4
BG,0.5D
Automatic Temperature Control Module (D243)
Sensor-Evaporator (T165)
C1630-20 NB,0.5 C0417-1
C1630-12 P,0.5 SJ1000 P,0.5 C0417-2
P,0.5
A
Sheet3
Sensor-Temperature-
Heater coolant (T210)
P,0.5 C2351-2
C1630-21 S,0.5 C2351-1
Sensor-Temperature/
Humidity (T315)
GND
THR
C1443-1 BG,0.5D
C1443-2 RW,0.5D C1629-3
B
Sheet4
RG,0.5D SJ551 RG,0.5D C1629-1
Sensor-Pressure-
Refrigerant (T278)
5 V
GND
V OUT
C1465-3 RG,0.5D C2444-10 C2443-10 RG,0.5D
C1465-1 BG,0.5D C2444-9 C2443-9 BG,0.5D
C1465-2 UN,0.5D C2444-8 C2443-8 UN,0.5D C1629-4


Intake air door motor (M138)
FRS
REC
M
C0419-6
RW,0.5D
C1630-4
C0419-7
GB,0.5D
C1630-3
C0419-5
YB,0.5D
C1630-9
C0419-3
N,0.5D
C1630-24
C0419-1
P,0.5D
A
Sheet2
Automatic Temperature Control Module (D243)
RH air temperature door motor (M204)
C2131-1 GY,0.5D
SJ1506
GY,0.5D
C1630-13
C2131-2 RY,0.5D
SJ1507
RY,0.5D
C1630-14
C2131-3 O,0.5D
SJ1508
O,0.5D
C1630-11
O,0.5D
SJ1509
O,0.5D
SJ1512
O,0.5D
C2134-3
Screen air distribution door motor (M259)
RY,0.5D
SJ1510
RY,0.5D
SJ1513
RY,0.5D
C2134-2
GY,0.5D
SJ1511
GY,0.5D
SJ1514
GY,0.5D
C2134-1
Face/feet air distribution door motor (M279)
C2133-1 GY,0.5D
C2133-2 O,0.5D
C2133-3 RY,0.5D
LH air temperature door motor (M203)
GY,0.5D
C2130-1
RY,0.5D
C2130-2
O,0.5D
C2130-3


Automatic Temperature Control Module (D243)
C1629-24
BU,0.5D
C2238-8 C2240-8
C1629-23
RU,0.5D
C2238-3 C2240-3
(DIESEL)
(V8)
(V6)
BU,0.5D
C2274-11 C2273-11
S,1.0
C0127-2
RU,0.5D
C2274-7 C2273-7
W,1.0
C0127-1
Refrigerant solenoid valve (D332)
BU,0.5D
C2725-4 C2724-4
BU,1.0
C0128-2
RU,0.5D
C2725-3 C2724-3
RU,1.0
C0128-1
Refrigerant solenoid valve (D332)
BU,0.5D
C2550-11 C2551-11
BU,0.5D
C0182-2
RU,0.5D
C2550-7 C2551-7
RU,0.5D
C0182-1
Refrigerant solenoid valve (D332)
C1629-15
YN,0.5D
C2239-2 C2241-2
YN,0.5D
C0412-1
Sensor-Ambient air temperature (T119)
C2239-1 C2241-1
BG,0.5D
C0412-2
C1629-17
WU,0.5D
C0790-3
L
C1629-5
GW,0.5D
C0790-2
R
B
RG,0.5D
C0790-1
Sensor-Sunlight (T166)
Sheet2
D
BG,0.5D
Sheet2


Battery (P100)
R,50.0
C0192-1
C0045-1
B,50.0D
C1661-1
12.0 Volts
Battery Junction Box (P108)
Relay-Blower-Rear (R214)
C0632-1
FUSE 22E
30.0 Amps
LINK 17E
50.0 Amps
C0570-8
NU,4.0D
C2410-1 C2409-1
NU,4.0D
A
Sheet2
C0570-24
UR,0.5D
C2245-22 C2243-22
UR,0.5D
C0349-3 C0421-3
UR,0.5D
B
Sheet2
C0570-186 NS,6.0D
Central Junction Box (P101)
C0583-22
FUSE 51P
10.0 Amps
C0585-44
GK,0.75D
C0786-15 C0277-15
GK,0.5
C
Sheet2
Automatic Temperature Control Module (D243)
C1629-20
R,0.5D
C1168-1 C1166-1
R,0.5D
SJ395
R,0.5D
C0349-1 C0421-1
R,0.5D
D
Sheet2
C1629-11
OG,0.5D
SJ591
OG,0.75D
C1168-2 C1166-2
OG,0.5D
SJ396
OG,0.5D
C0349-2 C0421-2
OG,0.5D
E
Sheet2
R,0.5D
C0786-1 C0277-1
R,0.5D
G
Sheet2
OG,0.5D
C0786-12 C0277-12
OG,0.5D
H
Sheet2


Motor-Mode-Air distribution (M142)
Motor-Mode-Air temperature (M141)
Motor-Blower-Rear (M133)
Regeleenheid-ventilatormotor-achter (D259)
Rear Automatic Temperature Control Module (D265)
Sensor-Air on (T309)
Sensor-Air off (T310)
Valve-Magnetic (N170)
LIN BUS
12V
GND
Power
TYPE 2
TYPE 3
Sheet1