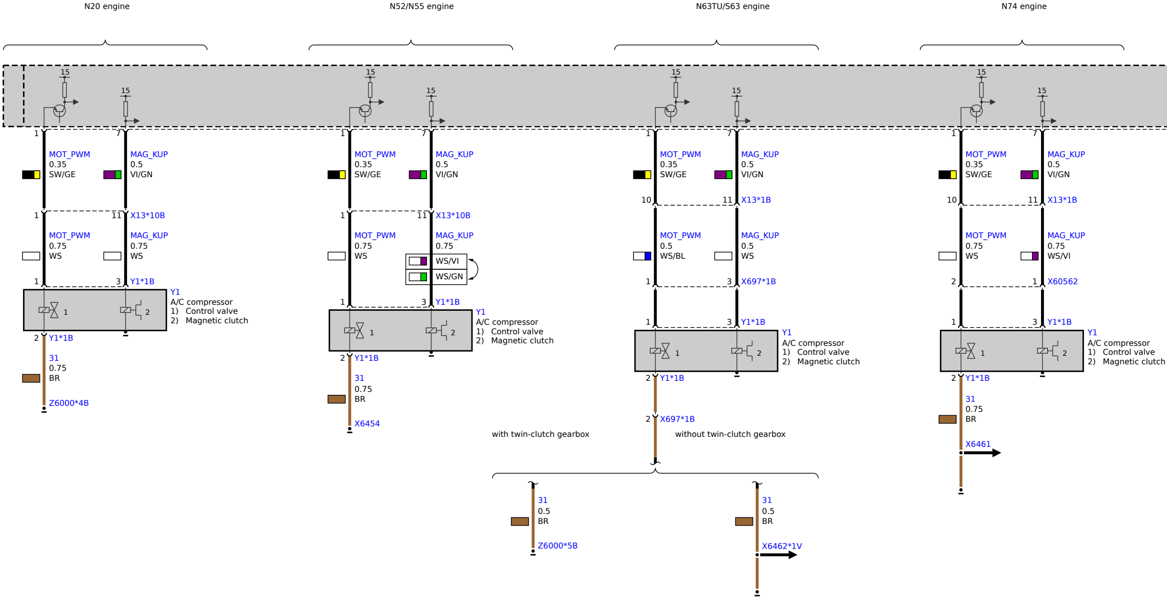
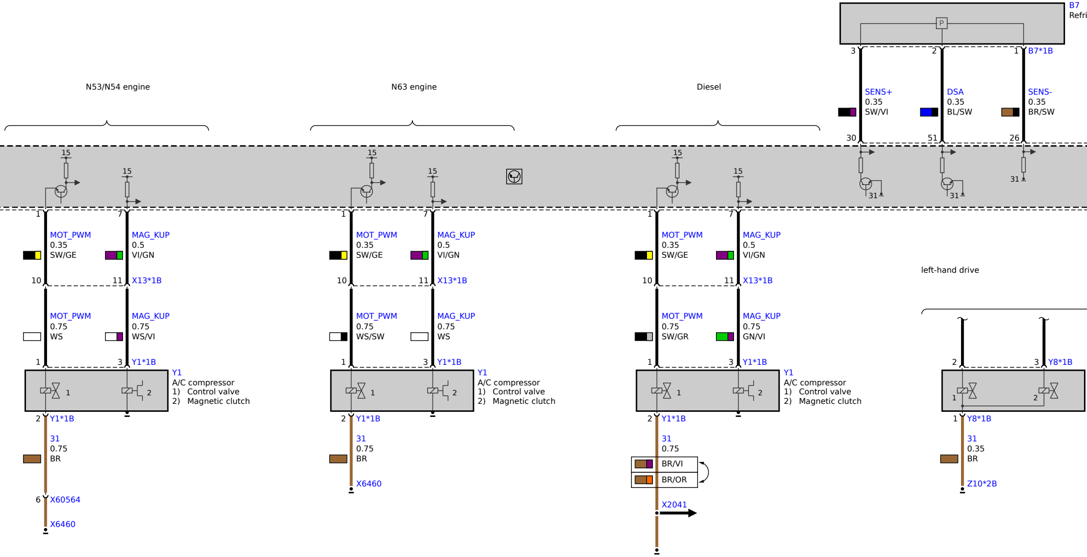
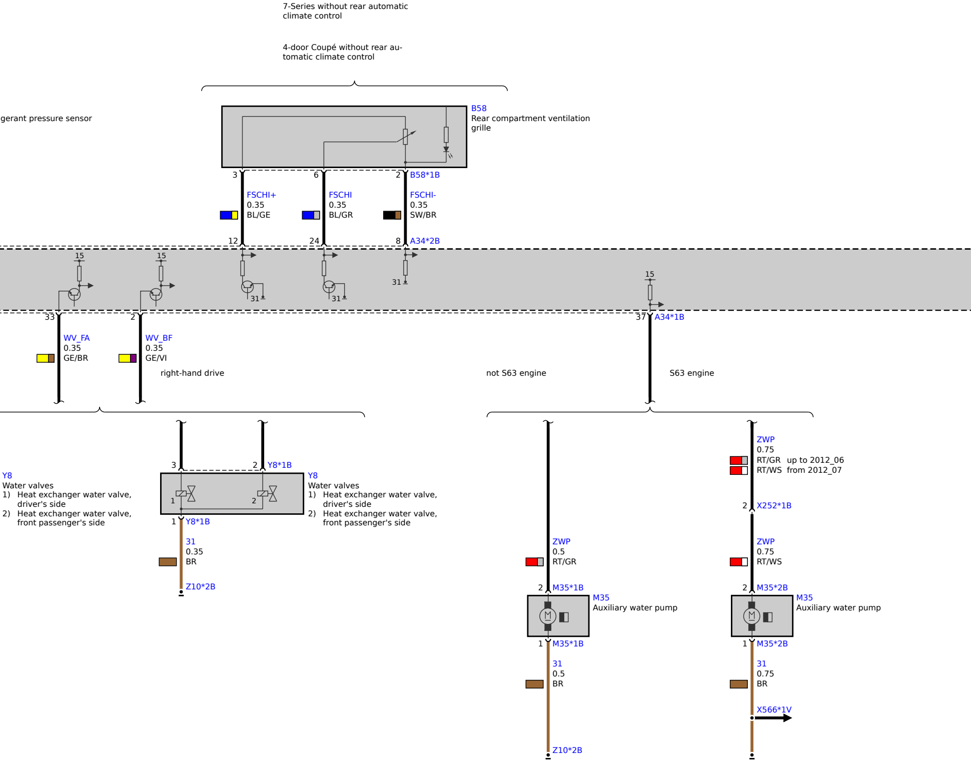
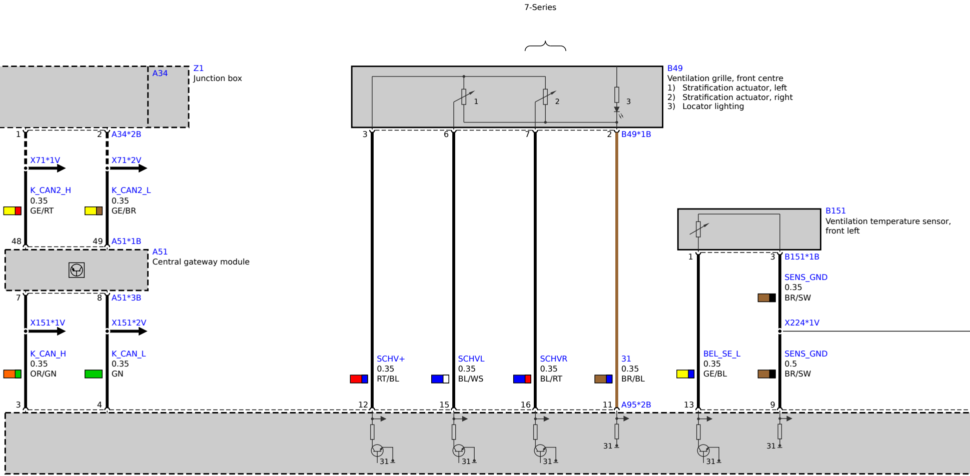
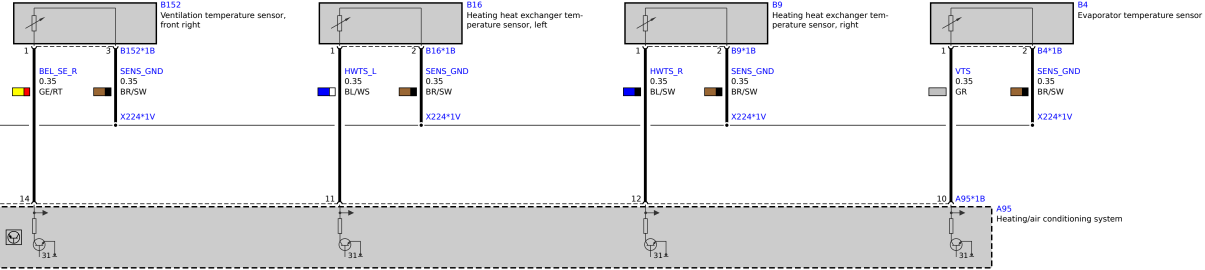

N20 engine
N52/N55 engine
N63TU/S63 engine
N74 engine
15
15
1
7
MOT_PWM
0.35
SW/GE
MAG_KUP
0.5
VI/GN
1
11
X13*10B
MOT_PWM
0.75
WS
MAG_KUP
0.75
WS
1
3
Y1*1B
Y1
A/C compressor
1) Control valve
2) Magnetic clutch
1
2
2
Y1*1B
31
0.75
BR
Z6000*4B
MOT_PWM
0.35
SW/GE
MAG_KUP
0.5
VI/GN
X13*10B
MOT_PWM
0.75
WS
MAG_KUP
0.75
WS/VI
WS/GN
Y1*1B
Y1
A/C compressor
1) Control valve
2) Magnetic clutch
Y1*1B
31
0.75
BR
X6454
MOT_PWM
0.35
SW/GE
MAG_KUP
0.5
VI/GN
10
11
X13*1B
MOT_PWM
0.5
WS/BL
MAG_KUP
0.5
WS
X697*1B
Y1*1B
Y1
A/C compressor
1) Control valve
2) Magnetic clutch
Y1*1B
X697*1B
with twin-clutch gearbox
without twin-clutch gearbox
31
0.5
BR
Z6000*5B
31
0.5
BR
X6462*1V
MOT_PWM
0.35
SW/GE
MAG_KUP
0.5
VI/GN
X13*1B
MOT_PWM
0.75
WS
MAG_KUP
0.75
WS/VI
X60562
Y1*1B
Y1
A/C compressor
1) Control valve
2) Magnetic clutch
Y1*1B
31
0.75
BR
X6461


B7
Refri
B7*1B
3
2
1
P
SENS+
0.35
SW/VI
DSA
0.35
BL/SW
SENS-
0.35
BR/SW
30
51
26
31
31
31
N53/N54 engine
N63 engine
Diesel
15
15
15
15
15
15
1
7
1
7
1
7
MOT_PWM
0.35
SW/GE
MAG_KUP
0.5
VI/GN
10
11
X13*1B
MOT_PWM
0.75
WS
MAG_KUP
0.75
WS/VI
1
3
Y1*1B
Y1
A/C compressor
1) Control valve
2) Magnetic clutch
1
2
2
Y1*1B
31
0.75
BR
6
X60564
X6460
MOT_PWM
0.35
SW/GE
MAG_KUP
0.5
VI/GN
10
11
X13*1B
MOT_PWM
0.75
WS/SW
MAG_KUP
0.75
WS
1
3
Y1*1B
Y1
A/C compressor
1) Control valve
2) Magnetic clutch
1
2
2
Y1*1B
31
0.75
BR
X6460
MOT_PWM
0.35
SW/GE
MAG_KUP
0.5
VI/GN
10
11
X13*1B
MOT_PWM
0.75
SW/GR
MAG_KUP
0.75
GN/VI
1
3
Y1*1B
Y1
A/C compressor
1) Control valve
2) Magnetic clutch
1
2
2
Y1*1B
31
0.75
BR/VI
BR/OR
X2041
left-hand drive
2
3
Y8*1B
1
2
1
Y8*1B
31
0.35
BR
Z10*2B


7-Series without rear automatic climate control
4-door Coupé without rear automatic climate control
gerant pressure sensor
B58
Rear compartment ventilation grille
3
6
2
B58*1B
FSCHI+
0.35
BL/GE
FSCHI
0.35
BL/GR
FSCHI-
0.35
SW/BR
12
24
8
A34*2B
15
15
31
31
31
15
33
2
37
A34*1B
WV_FA
0.35
GE/BR
WV_BF
0.35
GE/VI
right-hand drive
not S63 engine
S63 engine
3
2
Y8*1B
Y8
Water valves
1) Heat exchanger water valve, driver's side
2) Heat exchanger water valve, front passenger's side
Y8
Water valves
1) Heat exchanger water valve, driver's side
2) Heat exchanger water valve, front passenger's side
1
2
1
Y8*1B
31
0.35
BR
Z10*2B
ZWP
0.75
RT/GR up to 2012_06
RT/WS from 2012_07
2
X252*1B
ZWP
0.5
RT/GR
ZWP
0.75
RT/WS
2
M35*1B
M35
Auxiliary water pump
2
M35*2B
M35
Auxiliary water pump
M
M
1
M35*1B
1
M35*2B
31
0.5
BR
31
0.75
BR
X566*1V
Z10*2B


7-Series
A34
Z1
Junction box
1
2
A34*2B
X71*1V
X71*2V
K_CAN2_H
0.35
GE/RT
K_CAN2_L
0.35
GE/BR
48
49
A51*1B
A51
Central gateway module
7
8
A51*3B
X151*1V
X151*2V
K_CAN_H
0.35
OR/GN
K_CAN_L
0.35
GN
3
4
B49
Ventilation grille, front centre
1) Stratification actuator, left
2) Stratification actuator, right
3) Locator lighting
1
2
3
3
6
7
2
B49*1B
SCHV+
0.35
RT/BL
SCHVL
0.35
BL/WS
SCHVR
0.35
BL/RT
31
0.35
BR/BL
12
15
16
11
A95*2B
B151
Ventilation temperature sensor, front left
1
3
B151*1B
SENS_GND
0.35
BR/SW
X224*1V
BEL_SE_L
0.35
GE/BL
SENS_GND
0.5
BR/SW
13
9
31
31
31
31
31
31


B152
Ventilation temperature sensor, front right
B16
Heating heat exchanger temperature sensor, left
B9
Heating heat exchanger temperature sensor, right
B4
Evaporator temperature sensor
1
3
B152*1B
BEL_SE_R
0.35
GE/RT
SENS_GND
0.35
BR/SW
X224*1V
1
2
B16*1B
HWTS_L
0.35
BL/WS
SENS_GND
0.35
BR/SW
X224*1V
1
2
B9*1B
HWTS_R
0.35
BL/SW
SENS_GND
0.35
BR/SW
X224*1V
1
2
B4*1B
VTS
0.35
GR
SENS_GND
0.35
BR/SW
X224*1V
14
11
12
10
A95*1B
A95
Heating/air conditioning system
31
31
31
31