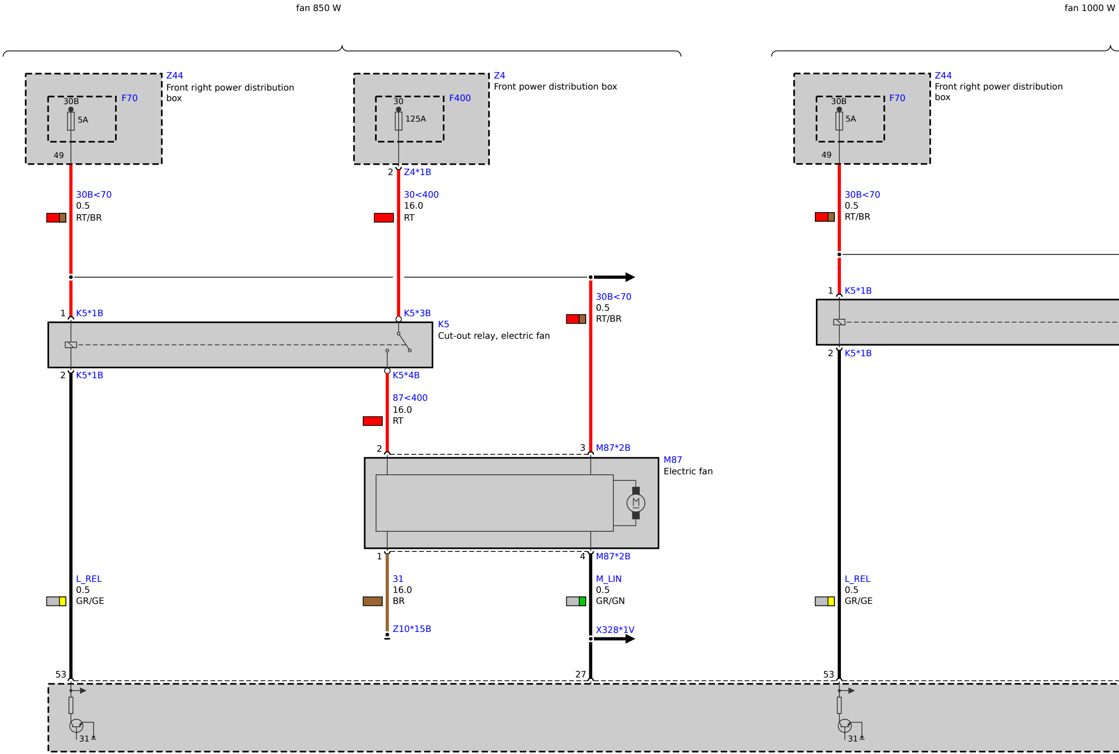
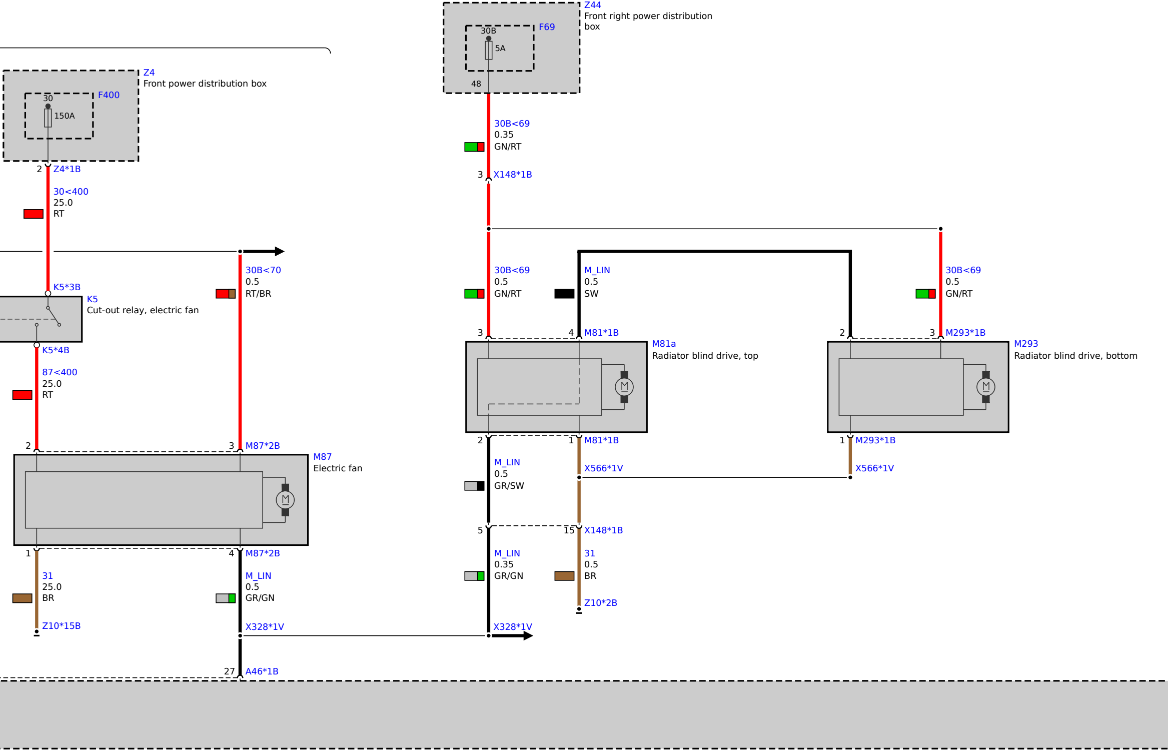
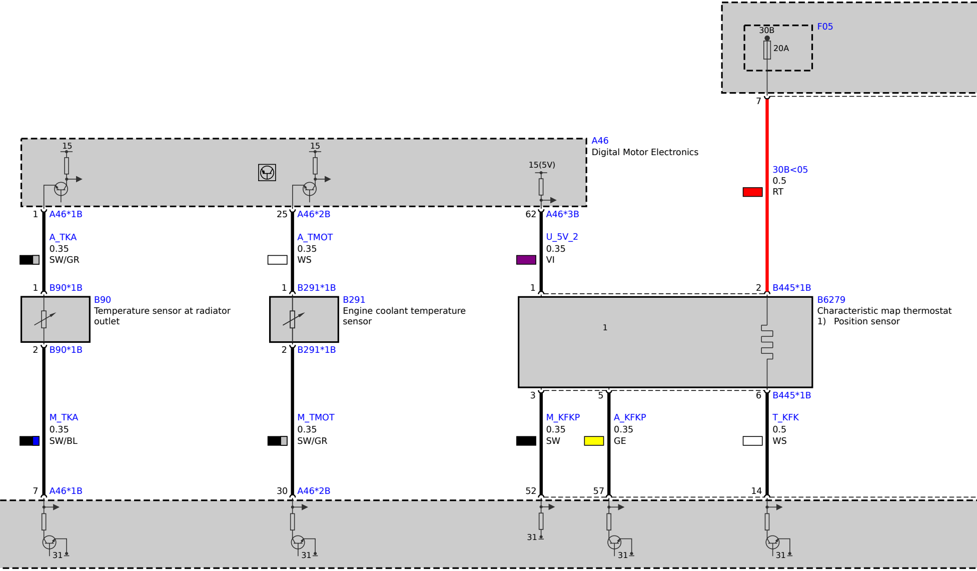
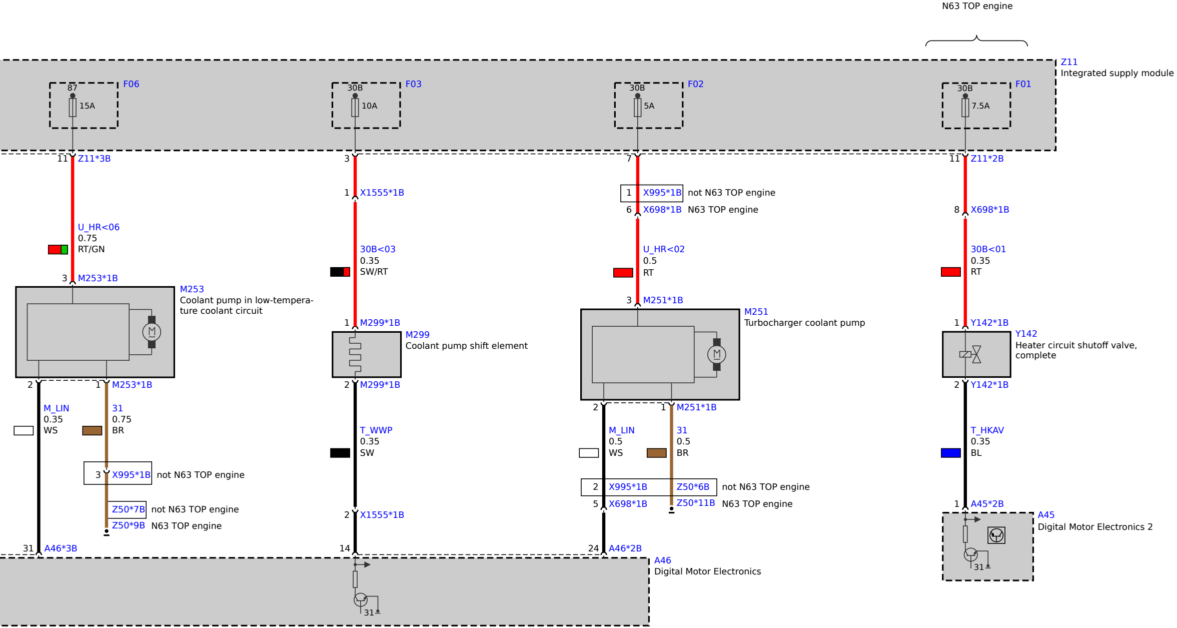

fan 850 W
fan 1000 W
Z44
Front right power distribution box
F70
30B
5A
49
30B<70
0.5
RT/BR
Z4
Front power distribution box
F400
30
125A
2
Z4*1B
30<400
16.0
RT
1
K5*1B
K5*3B
K5
Cut-out relay, electric fan
2
K5*1B
K5*4B
87<400
16.0
RT
30B<70
0.5
RT/BR
2
3
M87*2B
M87
Electric fan
M
1
4
M87*2B
L_REL
0.5
GR/GE
31
16.0
BR
Z10*15B
M_LIN
0.5
GR/GN
X328*1V
53
27
31
Z44
Front right power distribution box
F70
30B
5A
49
30B<70
0.5
RT/BR
1
K5*1B
2
K5*1B
L_REL
0.5
GR/GE
53
31


Z44
Front right power distribution box
F69
30B
5A
48
30B<69
0.35
GN/RT
3
X148*1B
Z4
Front power distribution box
F400
30
150A
2
Z4*1B
30<400
25.0
RT
K5*3B
K5
Cut-out relay, electric fan
K5*4B
87<400
25.0
RT
30B<70
0.5
RT/BR
30B<69
0.5
GN/RT
M_LIN
0.5
SW
30B<69
0.5
GN/RT
3
4
M81*1B
M81a
Radiator blind drive, top
2
3
M293*1B
M293
Radiator blind drive, bottom
M
M
2
1
M81*1B
1
M293*1B
M_LIN
0.5
GR/SW
X566*1V
X566*1V
5
15
X148*1B
M_LIN
0.35
GR/GN
31
0.5
BR
Z10*2B
X328*1V
2
3
M87*2B
M87
Electric fan
M
1
4
M87*2B
31
25.0
BR
Z10*15B
M_LIN
0.5
GR/GN
X328*1V
27
A46*1B


F05
30B
20A
7
30B<05
0.5
RT
A46
Digital Motor Electronics
15
15
15(5V)
1 A46*1B
25 A46*2B
62 A46*3B
A_TKA
0.35
SW/GR
A_TMOT
0.35
WS
U_5V_2
0.35
VI
1 B90*1B
1 B291*1B
1
2 B445*1B
B90
Temperature sensor at radiator outlet
B291
Engine coolant temperature sensor
B6279
Characteristic map thermostat
1) Position sensor
1
2 B90*1B
2 B291*1B
3
5
6 B445*1B
M_TKA
0.35
SW/BL
M_TMOT
0.35
SW/GR
M_KFKP
0.35
SW
A_KFKP
0.35
GE
T_KFK
0.5
WS
7 A46*1B
30 A46*2B
52
57
14
31
31
31
31
31

N63 TOP engine
Z11
Integrated supply module
87
F06
15A
30B
F03
10A
30B
F02
5A
30B
F01
7.5A
11 Z11*3B
3
7
11 Z11*2B
1 X1555*1B
1 X995*1B not N63 TOP engine
6 X698*1B N63 TOP engine
8 X698*1B
U_HR<06
0.75
RT/GN
30B<03
0.35
SW/RT
U_HR<02
0.5
RT
30B<01
0.35
RT
3 M253*1B
M253
Coolant pump in low-temperature coolant circuit
1 M299*1B
M299
Coolant pump shift element
3 M251*1B
M251
Turbocharger coolant pump
1 Y142*1B
Y142
Heater circuit shutoff valve, complete
2
1 M253*1B
2 M299*1B
2
1 M251*1B
2 Y142*1B
M_LIN
0.35
WS
31
0.75
BR
T_WWP
0.35
SW
M_LIN
0.5
WS
31
0.5
BR
T_HKAV
0.35
BL
3 X995*1B not N63 TOP engine
Z50*7B not N63 TOP engine
Z50*9B N63 TOP engine
2 X995*1B
Z50*6B not N63 TOP engine
5 X698*1B
Z50*11B N63 TOP engine
2 X1555*1B
1 A45*2B
A45
Digital Motor Electronics 2
31
31 A46*3B
14
24 A46*2B
A46
Digital Motor Electronics
31