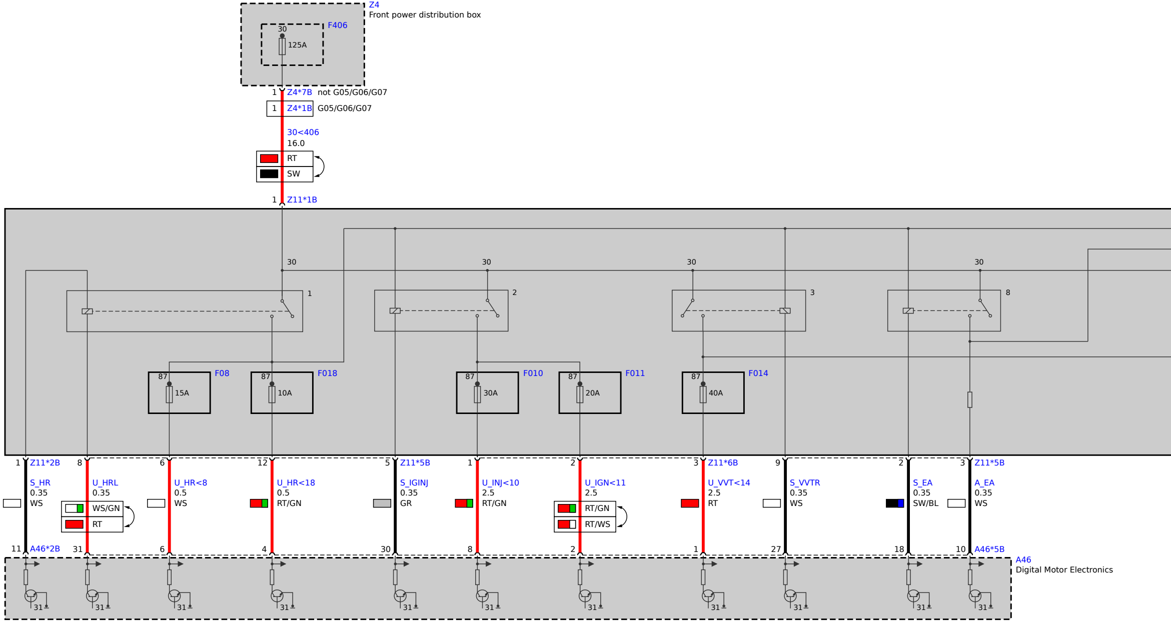
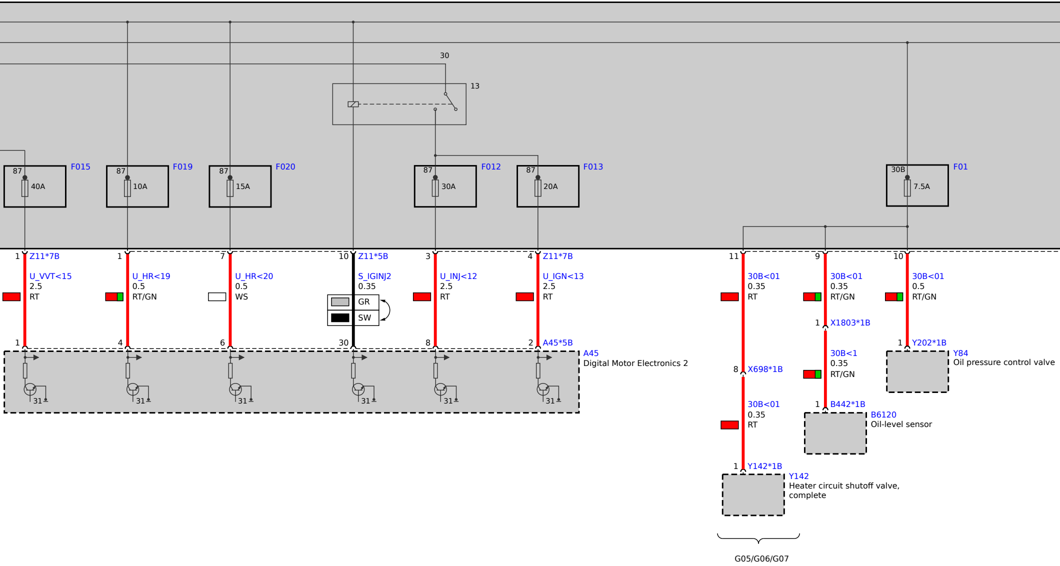
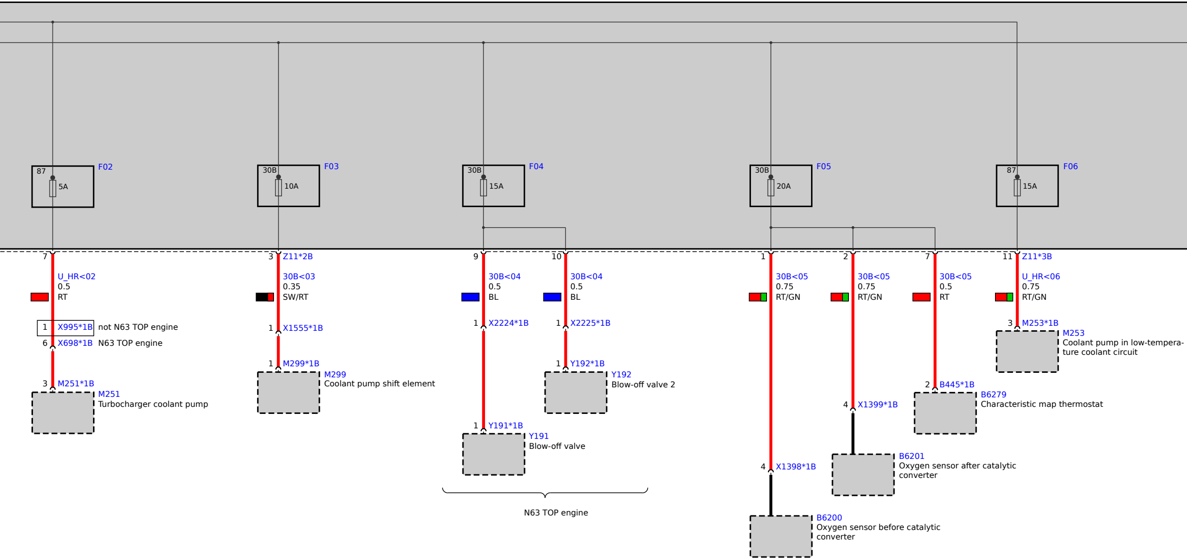
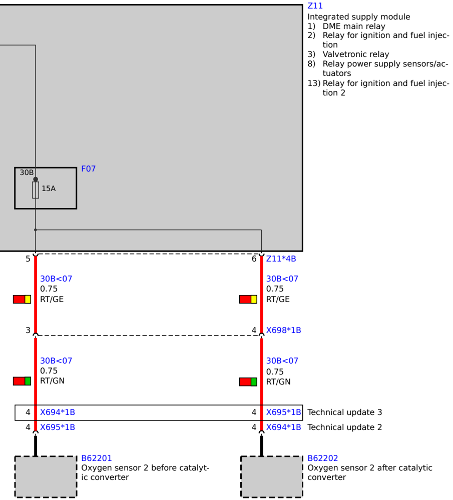

Z4
Front power distribution box
F406
30
125A
1 Z4*7B not G05/G06/G07
1 Z4*1B G05/G06/G07
30<406
16.0
RT
SW
1 Z11*1B
30
30
30
30
1
2
3
8
87 F08 15A
87 F018 10A
87 F010 30A
87 F011 20A
87 F014 40A
1 Z11*2B
8
6
12
5 Z11*5B
1
2
3 Z11*6B
9
2
3 Z11*5B
S_HR 0.35 WS
U_HRL 0.35 WS/GN RT
U_HR<8 0.5 WS
U_HR<18 0.5 RT/GN
S_IGINJ 0.35 GR
U_INJ<10 2.5 RT/GN
U_IGN<11 2.5 RT/GN RT/WS
U_VVT<14 2.5 RT
S_VVTR 0.35 WS
S_EA 0.35 SW/BL
A_EA 0.35 WS
11 A46*2B
31
6
4
30
8
2
1
27
18
10 A46*5B
A46
Digital Motor Electronics
31
31
31
31
31
31
31
31
31
31
31


30
13
87
40A
F015
87
10A
F019
87
15A
F020
87
30A
F012
87
20A
F013
30B
7.5A
F01
1 Z11*7B
U_VVT<15
2.5
RT
1
U_HR<19
0.5
RT/GN
7
U_HR<20
0.5
WS
10 Z11*5B
S_IGINJ2
0.35
GR
SW
3
U_INJ<12
2.5
RT
4 Z11*7B
U_IGN<13
2.5
RT
11
30B<01
0.35
RT
9
30B<01
0.35
RT/GN
10
30B<01
0.5
RT/GN
1 X1803*1B
30B<1
0.35
RT/GN
1 Y202*1B
Y84
Oil pressure control valve
1
4
6
30
8
2 A45*5B
A45
Digital Motor Electronics 2
31
31
31
31
31
31
8 X698*1B
30B<01
0.35
RT
1 B442*1B
B6120
Oil-level sensor
1 Y142*1B
Y142
Heater circuit shutoff valve, complete
G05/G06/G07


87
5A
F02
30B
10A
F03
30B
15A
F04
30B
20A
F05
87
15A
F06
7
3
Z11*2B
9
10
1
2
7
11
Z11*3B
U_HR<02
0.5
RT
30B<03
0.35
SW/RT
30B<04
0.5
BL
30B<04
0.5
BL
30B<05
0.75
RT/GN
30B<05
0.75
RT/GN
30B<05
0.5
RT
U_HR<06
0.75
RT/GN
1
X995*1B
not N63 TOP engine
6
X698*1B
N63 TOP engine
1
X1555*1B
1
X2224*1B
1
X2225*1B
3
M253*1B
M253
Coolant pump in low-temperature coolant circuit
1
M299*1B
M299
Coolant pump shift element
1
Y192*1B
Y192
Blow-off valve 2
3
M251*1B
M251
Turbocharger coolant pump
2
B445*1B
B6279
Characteristic map thermostat
4
X1399*1B
1
Y191*1B
Y191
Blow-off valve
B6201
Oxygen sensor after catalytic converter
4
X1398*1B
N63 TOP engine
B6200
Oxygen sensor before catalytic converter


Z11
Integrated supply module
1) DME main relay
2) Relay for ignition and fuel injection
3) Valvetronic relay
8) Relay power supply sensors/actuators
13) Relay for ignition and fuel injection 2
F07
30B
15A
5
6
Z11*4B
30B<07
0.75
RT/GE
30B<07
0.75
RT/GE
3
4
X698*1B
30B<07
0.75
RT/GN
30B<07
0.75
RT/GN
4
X694*1B
4
X695*1B
Technical update 3
4
X695*1B
4
X694*1B
Technical update 2
B62201
Oxygen sensor 2 before catalytic converter
B62202
Oxygen sensor 2 after catalytic converter