



H220-H230

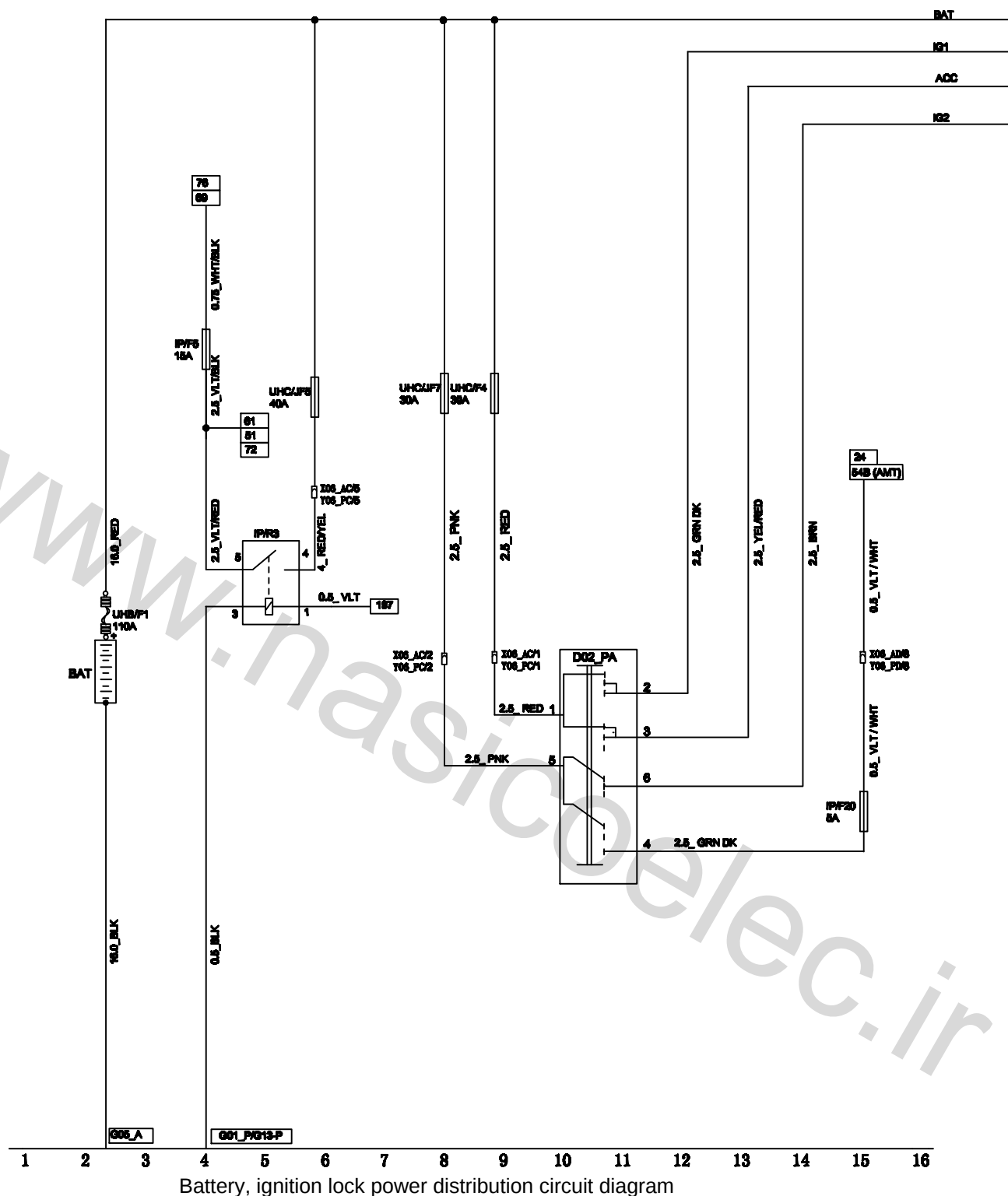
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- **wiring diagram**

H230H220WD2H/1/1

content

[illegible]



UHC-engine compartment fuse box

UHB(BAT)-connection, engine compartment fuse box connecting to positive pole of battery

IP-dashboard fuse box terminal

AT-battery

X06-AD Y06-PD connector of main cable and engine compartment cable, 20-hole, blue

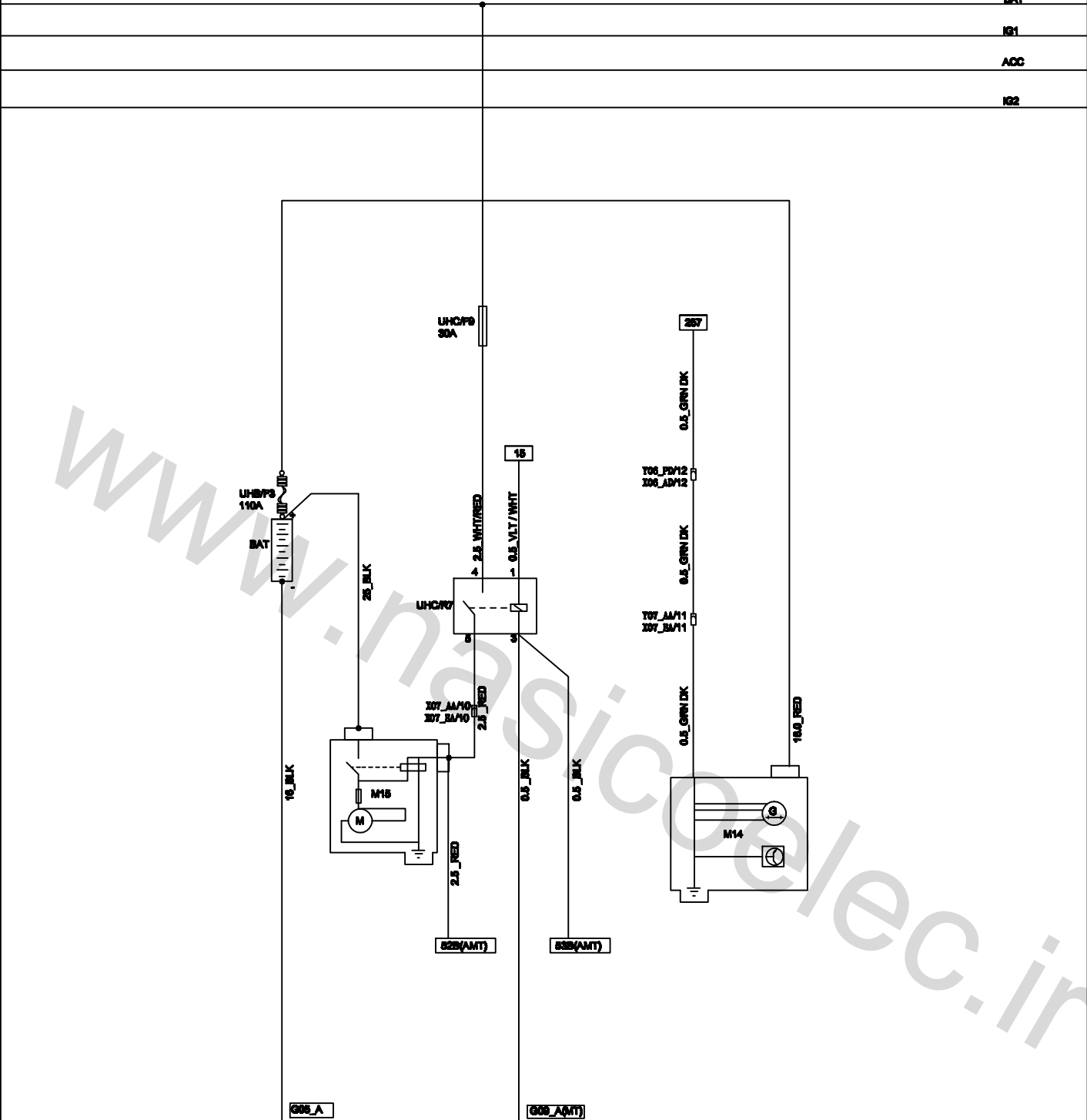
X06-AC Y06-PC connector of main cable and engine compartment cable, 10-hole, black

D02_PA-ignition lock connector

G05_A-negative pole of battery to ground point of vehicle body

G01_P-ground point on pillar-A at the left of main wiring harness

G13_P-ground point on pillar-A at the left of main wiring harness



Generator, starter circuit diagram

UHC-engine compartment fuse box

UHB(BAT)-connection, engine compartment fuse box connecting to positive pole of battery

IP-dashboard fuse box

BAT-battery

M14-generator

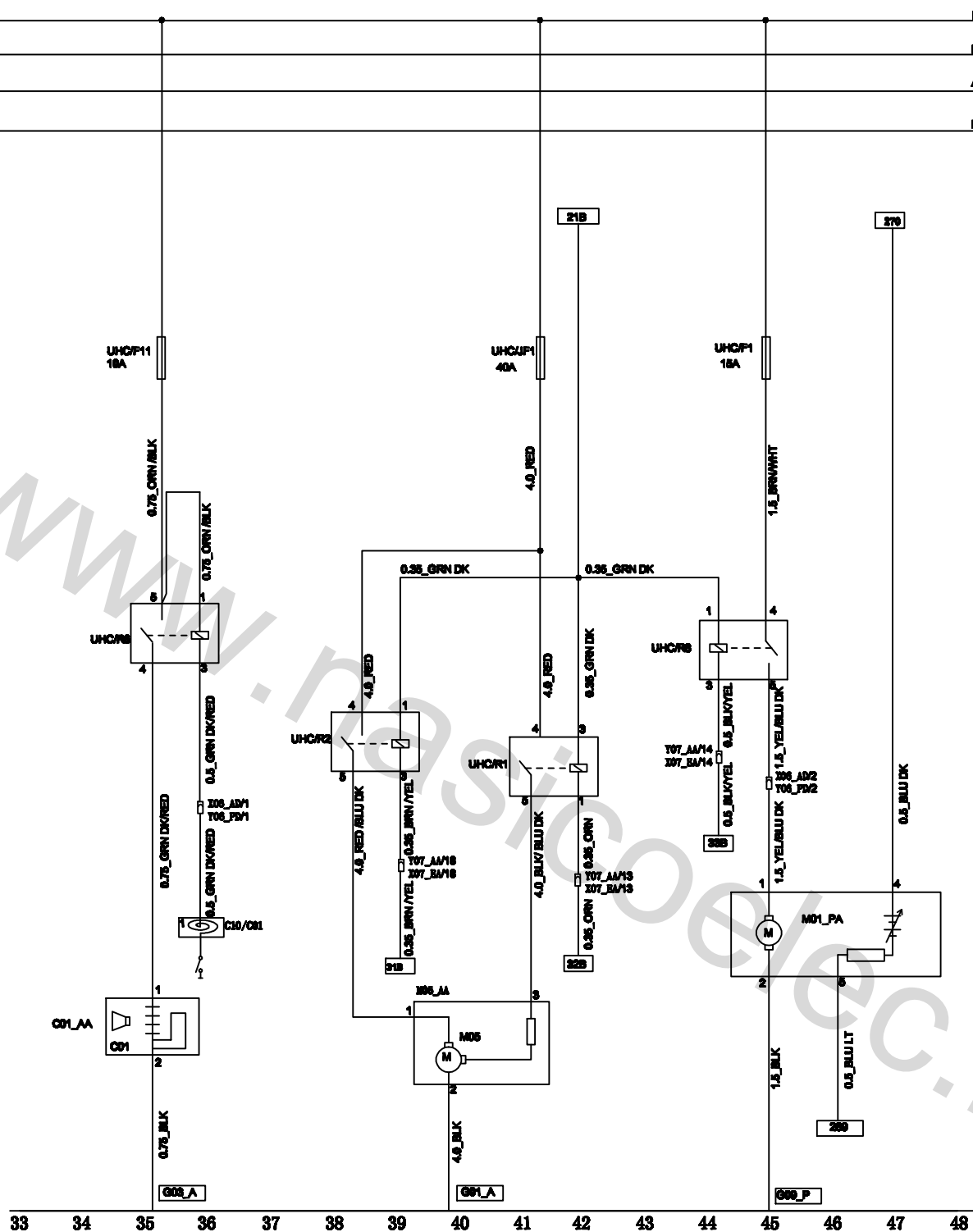
M15-starter

X06-AD Y06-PD connector of main cable and engine compartment cable, 20-hole, blue

X07_AA Y07_EA-engine compartment wiring harness splicing to EFI wiring harness connector 42 holes black

G05 A-negative pole of battery to ground point of vehicle body

G09 A-engine compartment ground point of the left front shock absorber



Horn, water tank fan, oil pump circuit diagram

UHC-engine compartment fuse box

UHB(BAT)-connection, engine compartment fuse box connecting to positive pole of battery

IP-dashboard fuse box

M01-oil pump and fuel level sensor

M05-water tank cooling fan

C01-horn

C10-the clock spring

C10-PA-the clock spring connector 2 holes yellow

C01_AA-horn connector 2 holes black

M05_AA-fan connector 3 holes black

M01_PA-oil pump connector 6 holes brown

G01_A-engine compartment left front ground point

G03_A-engine compartment right front ground point

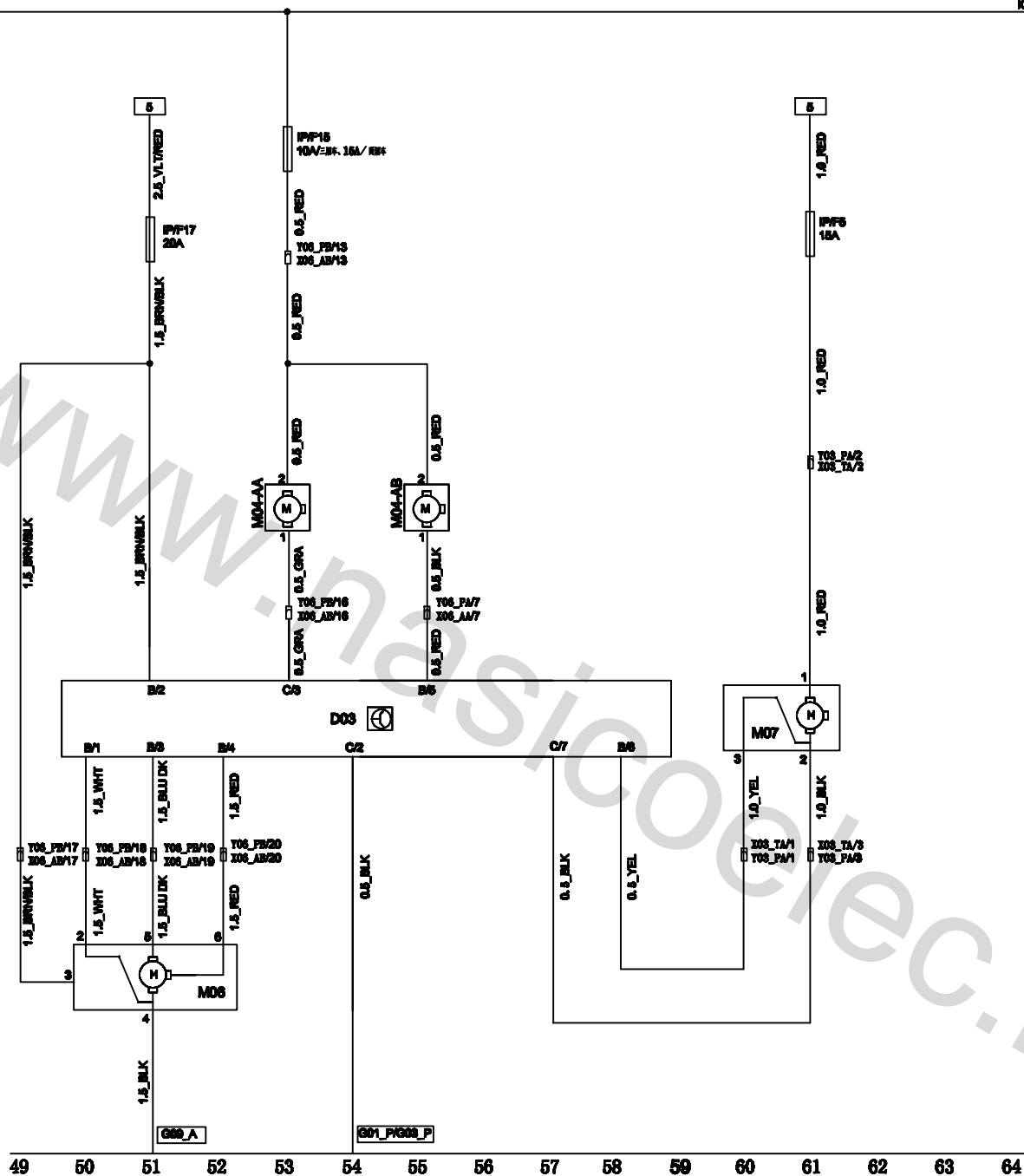
G09_P-ground point below left pillar-C

BAT

IG1

ACC

IG2



UHC-engine compartment fuse box

UHB(BAT)-connection, engine compartment fuse box connecting to positive pole of battery

IP-dashboard fuse box

M04_AA-front washing fluid pump motor

M04_AB-rear washing fluid pump motor

D03-wiper switch

M06-front windscreen wiper motor

M04-washing fluid pump motor

H07-rear wind screen wiper motor

X06_AB Y06_PB-main wiring harness and engine compartment wiring harness splicing connector 20 holes white

X06_AA Y06_PA-main wiring harness and engine compartment wiring harness splicing connector 20 holes blue

H07_TA-rear wiper motor connector 5 holes gray

M06_AA-front wiper motor connector 6 holes black

D03_PB-wiper switch connector 14 holes white

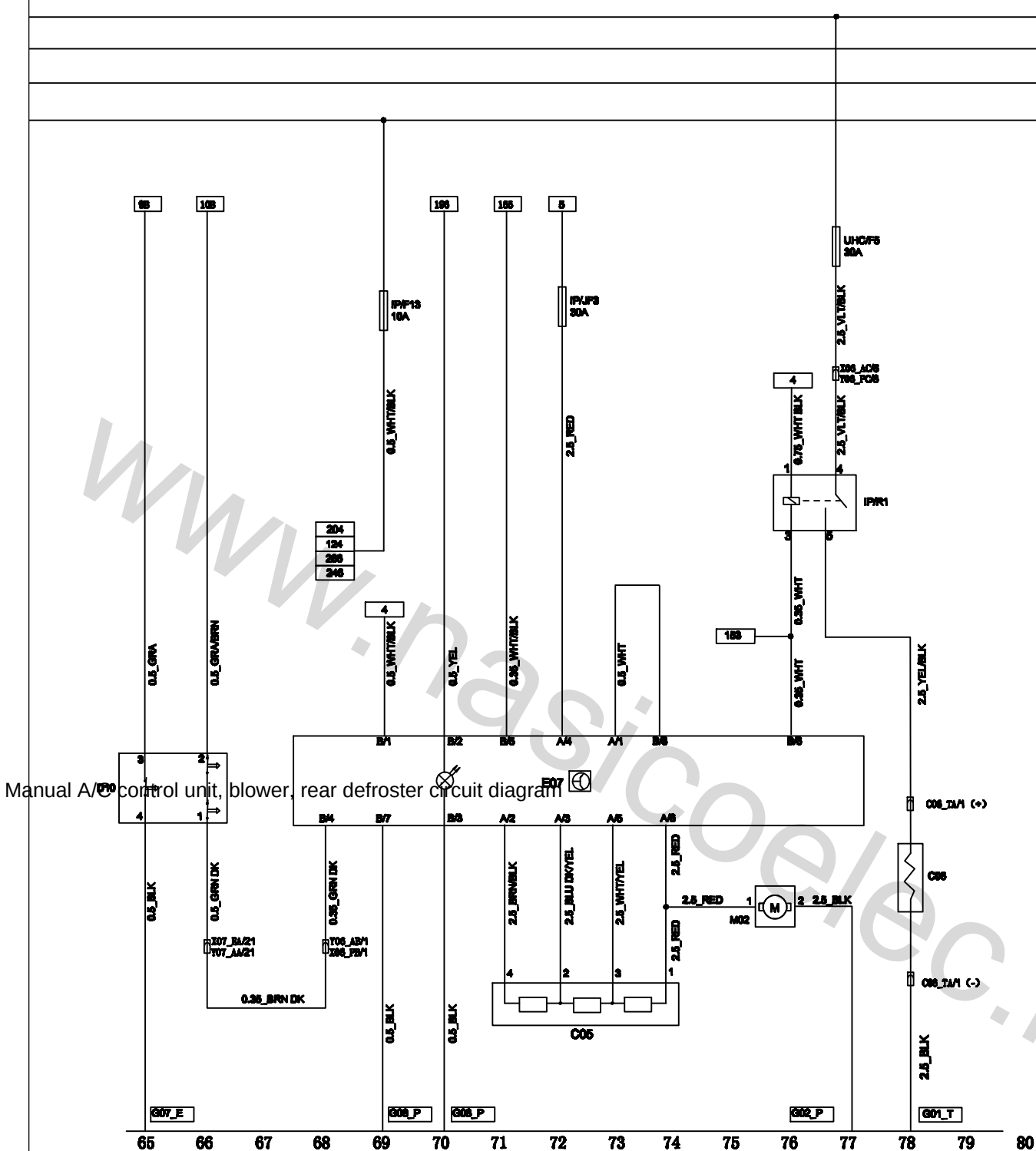
M04_AA-washing fluid pump motor connector (3 volumes saloon) 2 holes white

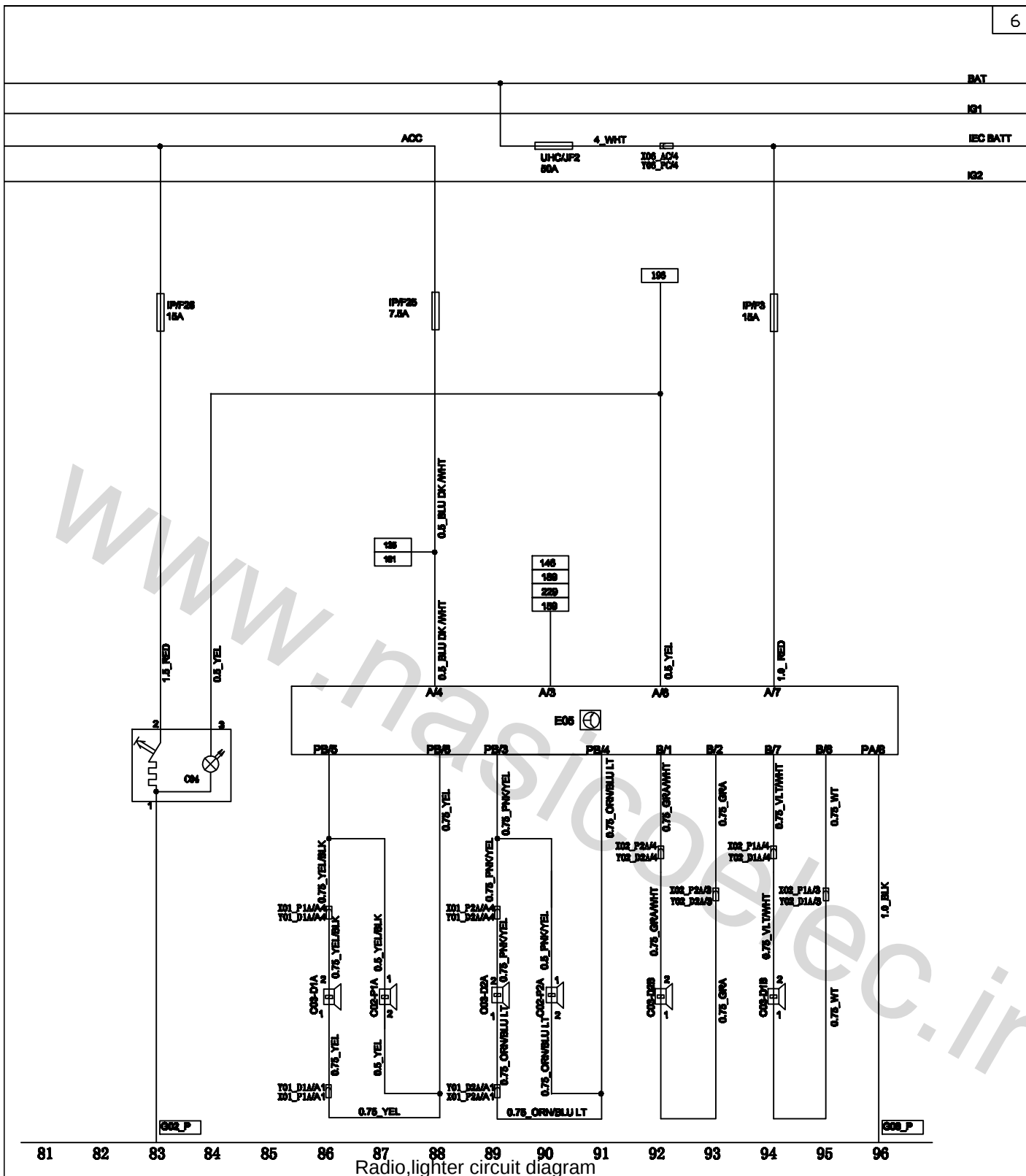
M04_AB-washing fluid pump motor connector (hatchback car) 2 holes white

X03_PA Y03_TA-main wiring harness and tailgate wiring harness splicing connector 20 holes blue

G01_P-ground point on pillar-A at the left of main wiring harness

G09_A-ground point1 at left front shock absorber in the engine compartment





Radio, lighter circuit diagram

UHC-engine compartment fuse box

IP-dash-board fuse box

C04-cigar lighter connector 3 holes black

C03_D1A-left front door woofer connector 2 holes black

C02_P1A-tweeter connector 2 holes white

C03_D2A-right front door woofer connector 2 holes black

C02_P2A-tweeter connector 2 holes white

C03_D1B-left rear door woofer connector 2 holes black

C03_D2B-right rear door tweeter connector 2 holes black

X06_AC Y06_PC-dash-board wiring harness splicing to
enging compartment wiring harness 6 holes black

E05_PA-radio connector A 8 holes white

E05_PB-radio connector B 8 holes black

X01_P1A Y01_D1A-dash-board main wiring harness
and left front door wiring harness splicing
connector 18 holes black

X01_P1B Y01_D1A-dash-board main wiring harness
and left front door wiring harness splicing
connector 14 holes white

X01_P2A Y01_D2A-dash-board main wiring harness
and right front door wiring harness splicing
connector 18 holes black

Y02_P1A X02_D1B-left rear door wiring harness
and main wiring harness splicing connector 14
holes white

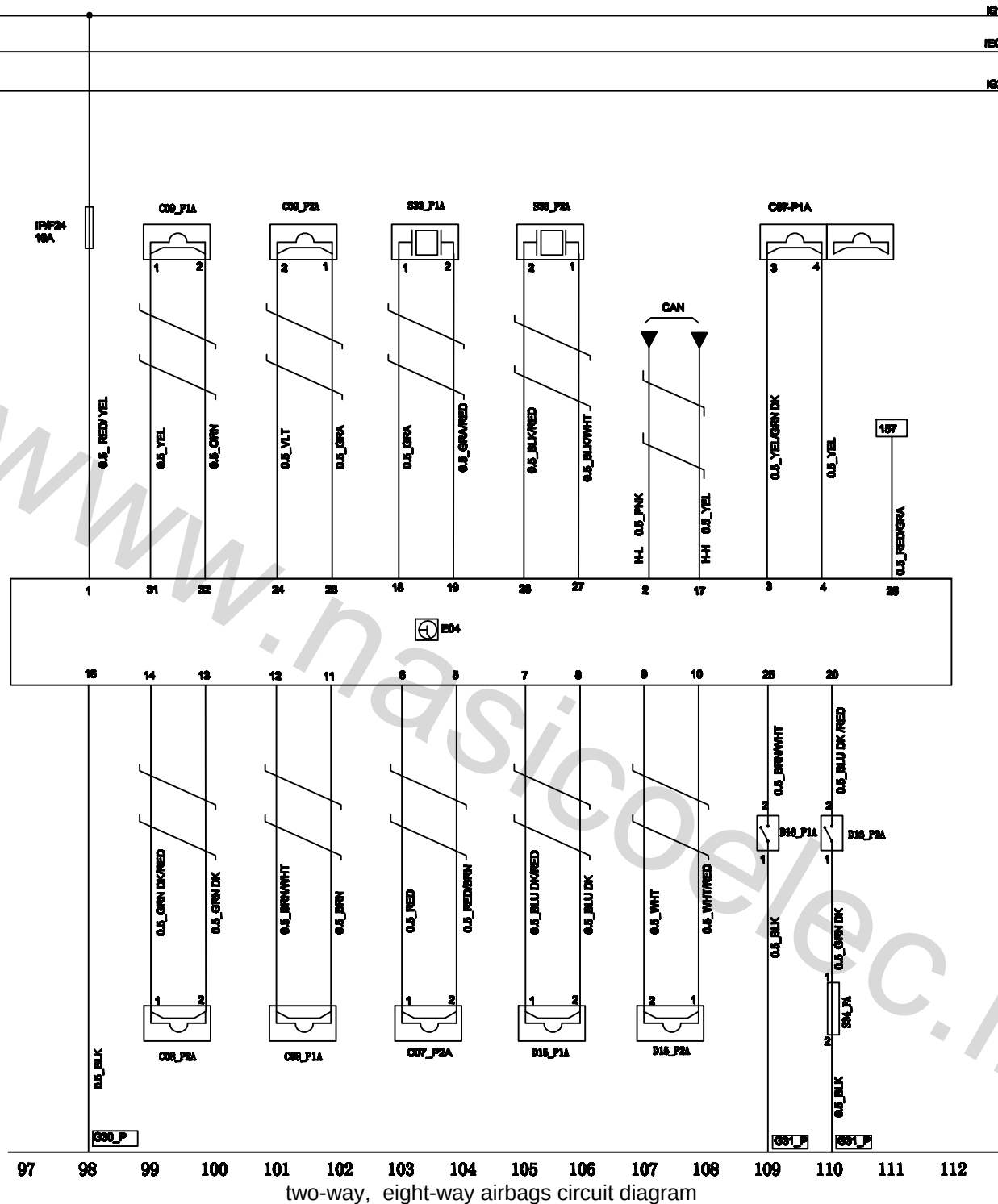
Y02_P2A X02_D2B-right rear door wiring harness
and main wiring harness splicing connector 14
holes white

BAT

IG1

IEC BATT

IG2



two-way, eight-way airbags circuit diagram

IP-dashboard fuse box

E04-airbag ECU(two-way is blue|eight is gray)

C08_P2A-passenger side airbag trigger

C08_P1A-driver side airbag trigger

C07_P2A-passenger airbag trigger

C07_P1A-driver airbag trigger

S33_P1A-driver's side sensor

S33_P2A-passenger's side sensor

C09_P1A-driver's air curtain connector

C09_P2A-passenger's air curtain connector

D15_P1A-driver's seat belt pre-tensioner

2 holes yellow

D15_P2A-passenger's seat belt pre-tensioner

2 holes yellow

D16_P2A-assistant driver's side seat belt

latch connector 2 holes white

S34_PA-passenger detecting sensor connector

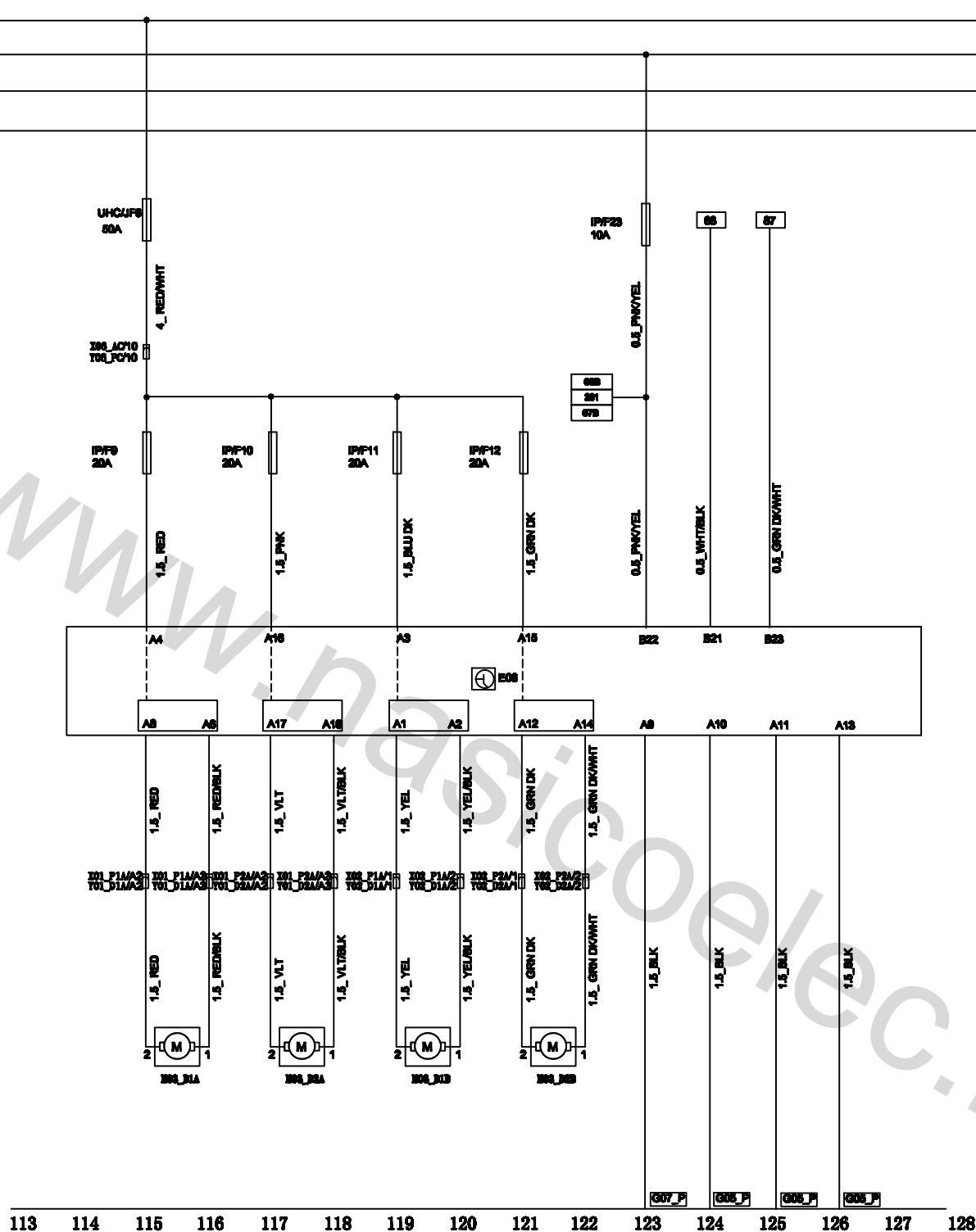
2 holes black

D16_P1A-driver's side seat belt latch

connector 2 holes white

G30_P-airbag ECU ground point

G31_P-airbag ECU ground point



BCM circuit diagram

UH-engine compartment fuse box

UH(BAT)-connection, engine compartment fuse box connecting to positive pole of battery

IP-dashboard fuse box

M03-electric window motor

E06-BCM body ECU

E06_PC-body ECU BCM connector 16 holes white

E06_PA-body ECU BCM connector 18 holes black

E06_PB-body ECU BCM connector 26 holes white

M03_D1A-LF electric window connector 2 holes black

M03_D2A-RF electric window connector 2 holes black

M03_D1B-LR electric window connector 2 holes black

M03_D2B-RR electric window connector 2 holes black

G05_P-BCM ground point

Y01_D1A-LF door wiring harness and ashboard main wiring harness 36 holes white

Y01_P2A-RF door wiring harness and ashboard main wiring harness 36 holes white

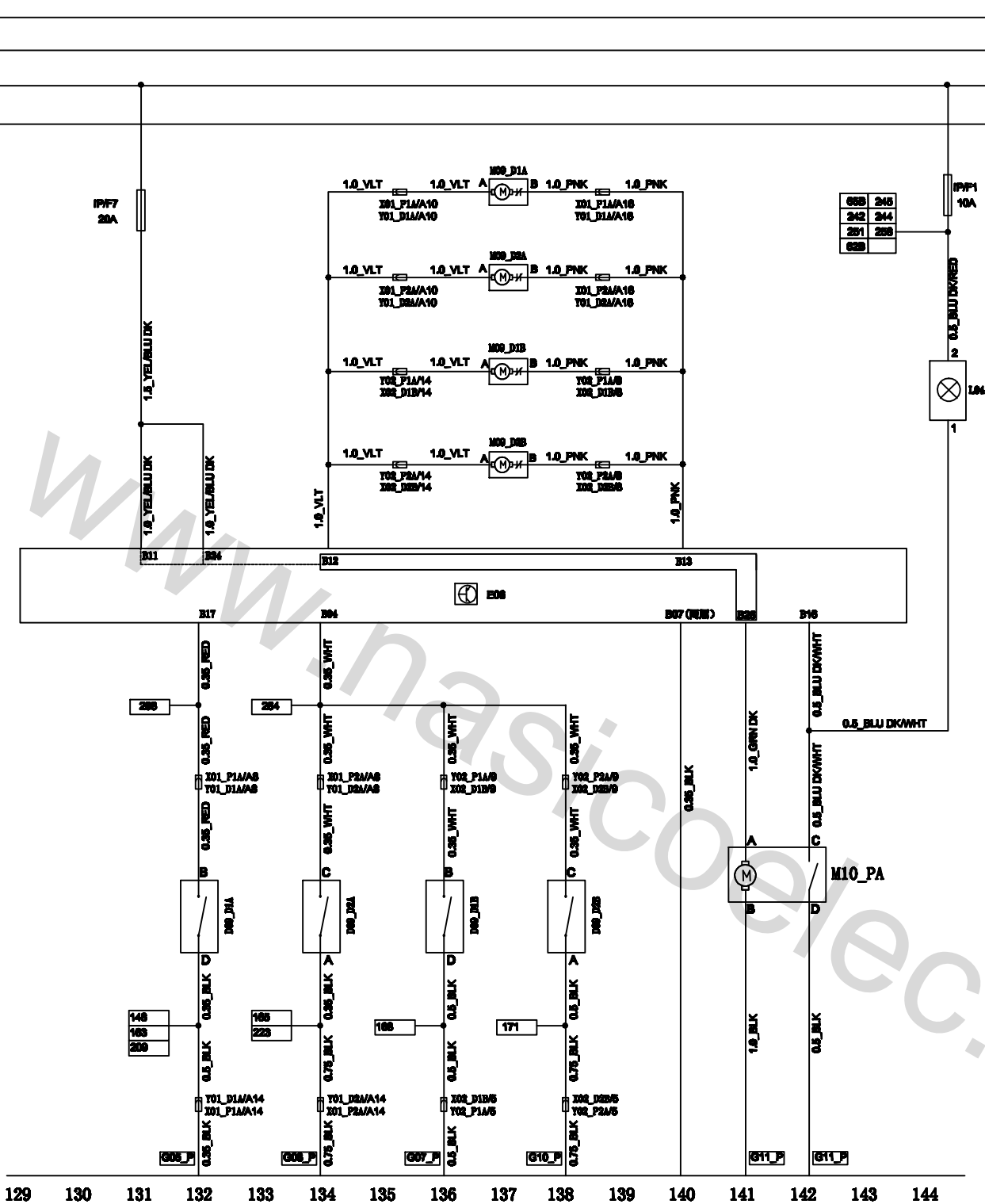
X01_P1A-dashboard main wiring harness and LF door wiring harness connector 18 holes black

X01_P2A-dashboard main wiring harness and RF door wiring harness connector 18 holes black

X02_P1A Y02_D1A-LR door splicing to main wiring harness connector 14 holes white

X02_P2A Y02_D2A-RR door splicing to main wiring harness connector 14 holes white

G07_P-ground point below the pillar-B at the left of main wiring harness



129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144
Front door central locking switch, door lock motor, warning lamp module circuit diagram

E06-BCM ECU connector 26 holes white
IP-dashboard fuse box

M09_D1A-left front door lock motor
M09_D2A-right front door lock motor
M09_D1B-left rear door lock motor
M09_D2B-right rear door lock motor
D09_D1A-LF door multifunctional switch
connector 4 holes
D09_D2A-RF door multifunctional switch
connector 4 holes

D09_D1B-LF door multifunctional switch
connector 4 holes
D09_D2B-RF door multifunctional switch
connector 4 holes

L04_PA-luggage lamp connector 2 holes white

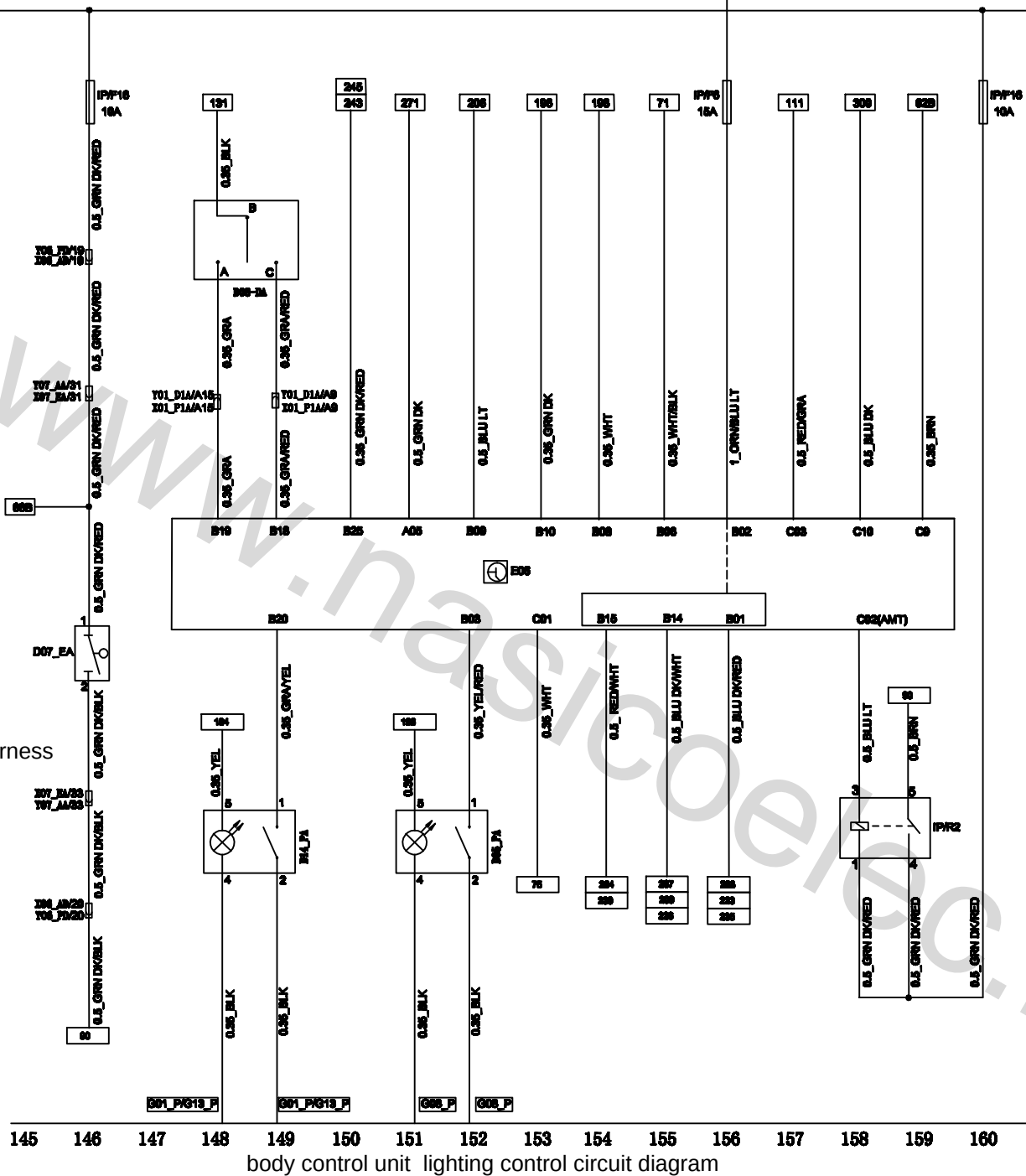
M10_PA-tailgate lock motor connector 4 holes white
X01_P1A Y01_D1A-dashboard main wiring harness
and LF door wiring harness connector 18 hole black
X01_P2A Y01_D2A-dashboard main wiring harness
and RF door wiring harness connector 18 hole black
Y02_P1A X02_D1B-LR door splicing to main wiring
harness connector 14 holes white
Y02_P2A X02_D2B-RR door splicing to main wiring
harness connector 14 holes white
G05_P-BCM ground point
G08_P-ground point 1 below pillar-A at the right
of main wiring harness
G07_P-ground point below left pillar-B
G10_P-ground point below RR seats
G11_P-ground point below LR combination lights

BAT

IG1

IEC BATT

IG2



IP-dashboard fuse box

E06_PB-body ECU BCM connector 26 holes white

E06_PC-body ECU BCM connector 16 holes white

D14_PA-tailgate lock switch

D05_PA-double-flash switch

D08_DA-central locking switch

X01_D1A X01_P1A-dashboard main wiring harness and

LF door wiring harness connector 18 holes black

D07_EA-reversing switch

X07_EA Y07_AA-engine compartment wiring harness

splicing to EFI wiring harness 42 holes

X06_AD Y06_PD-dashboard wiring harness splicing to

engine compartment wiring harness 20 holes blue

G01_P-ground point on the pillar-A at the left of main

wiring harness

G13_P-ground point on the pillar-A at the left of main

wiring harness

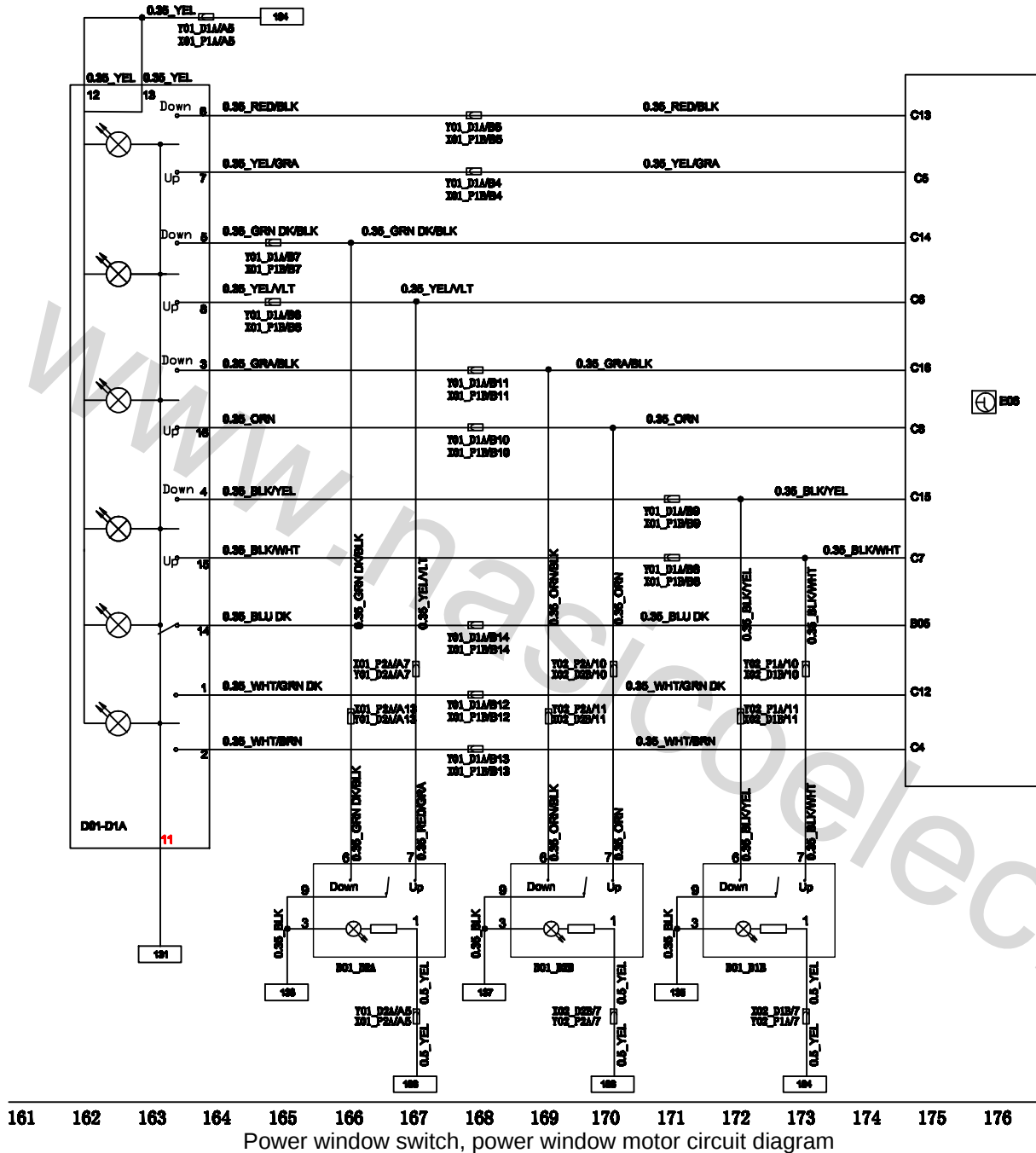
G08_P-ground point on the right pillar-A

BAT

IG1

IEC BATT

IG2



E06_PC-body ECU BCM connector 16 holes white

D01_D1B-left rear door power window switch

D01_D2A-right front door power window switch

D01_D2B-right rear door power window switch

D01_D1A-left front door power window switch

X01_P1A Y01_D1A-dashboard main wiring harness splicing to LF door wiring harness 18 holes black

X01_P1B Y01_D1A-dashboard main wiring harness splicing to LF door wiring harness 14 holes white

X01_P2A Y01_D2A-dashboard main wiring harness splicing to RF door wiring harness 18 holes black

Y02_P1A X02_D1B-LR door wiring harness splicing to main wiring harness 14 holes white

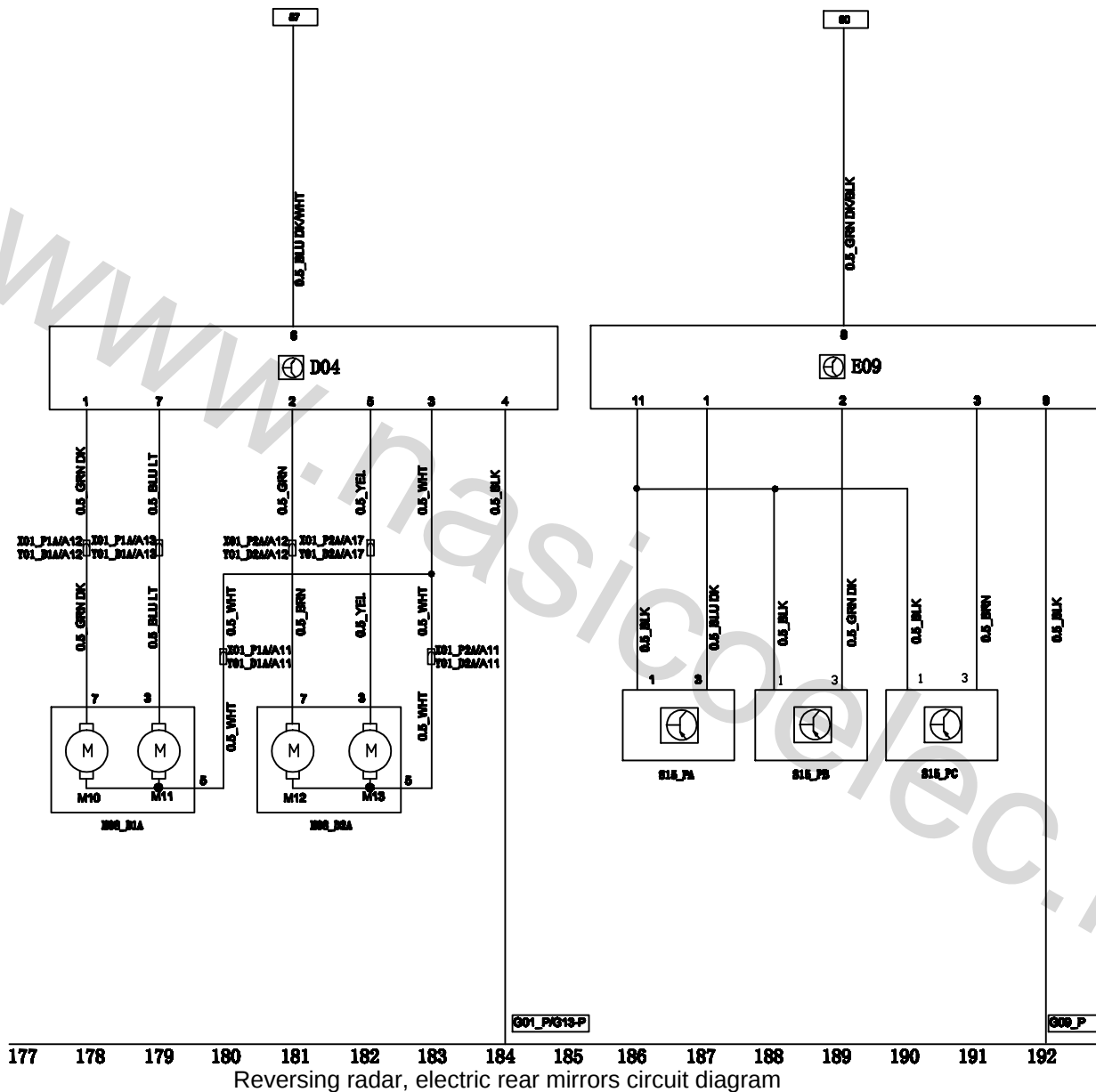
Y02_P2A X02_D2B-RR door wiring harness splicing to main wiring harness 14 holes white

BAT

IG1

IEC BATT

IG2



Reversing radar, electric rear mirrors circuit diagram

M08_D1A-left front door electric rear mirror

M08_D2A-right front door electric rear mirror

D04-electric rear mirror switch

E09_PA-reversing radar ECU connector 16 holes black

D04_PA-electric rear mirror switch connector 8 holes white

S15_PA-left side reversing radar sensor connector 3 holes

S15_PB-mid reversing radar sensor connector 3 holes

S15_PC-right side reversing radar sensor connector 3 holes

X01_P1A Y01_D1A-dashboard main wiring harness splicing to LF door wiring harness 18 holes black

X01_P2A Y01_D2A-dashboard main wiring harness splicing to RF door wiring harness 18 holes black

G01_P-ground point on the pillar-A at the left of main wiring harness

G13_P-ground point on the pillar-A at the left of main wiring harness

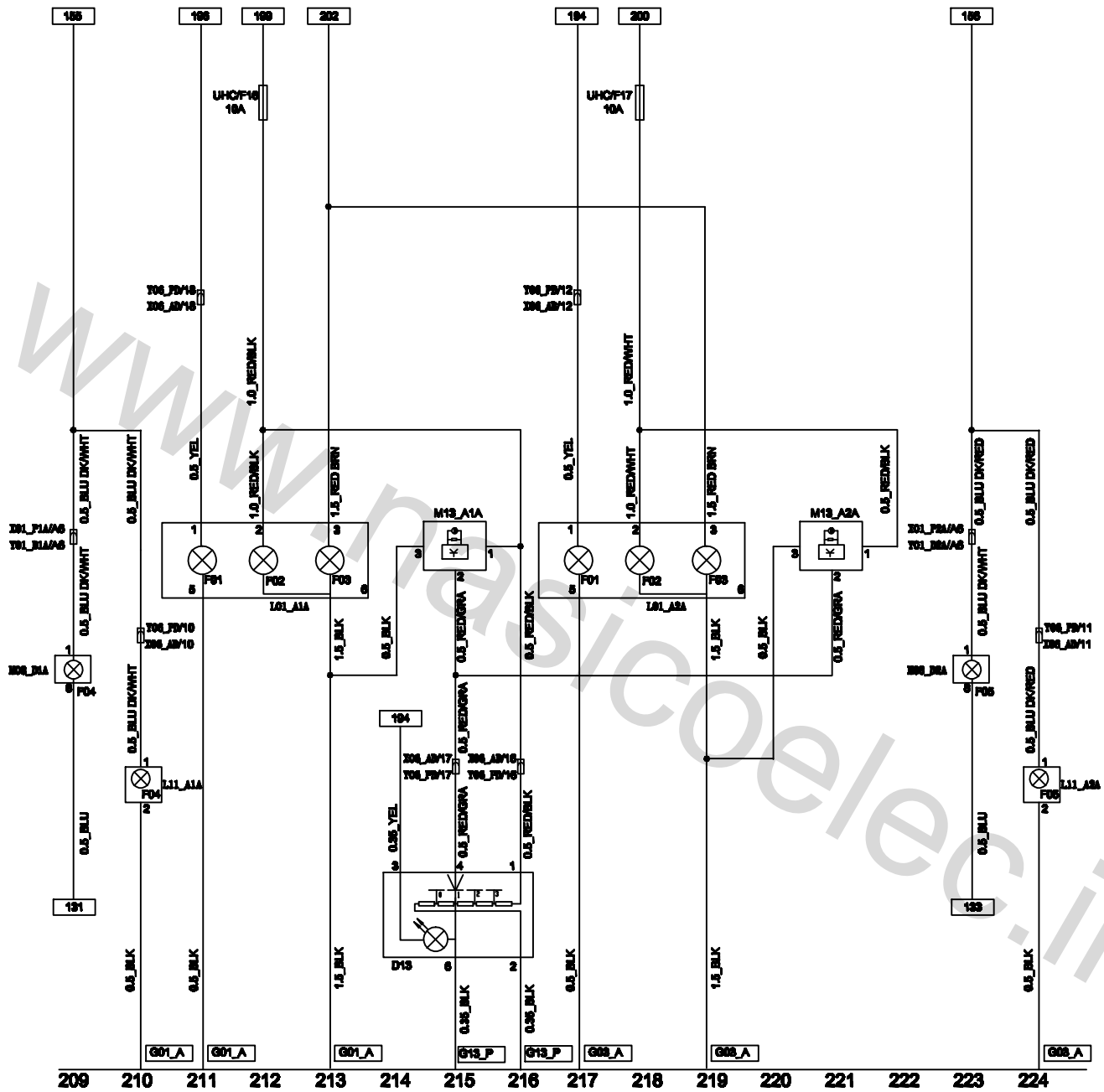
G09_P-ground point below the RR seat

UHC-engine compartment fuse box
UHB(BAT)-connection, engine compartment fuse box connecting to positive pole of battery
IP-dashboard fuse box
E03_PA-dashboard connector 32 holes blue
L02_A1A-left front foglamp connector 2 holes
L02_A2A-right front foglamp connector 2 holes
Y06_PD X06_AD- engine compartment wiring harness splicing to dashboard wiring harness 20 holes blue
G01_P-ground point on the pillar-A at the left of main wiring harness
G13_P-ground point on the pillar-A at the left of main wiring harness
G03_P-ground point on the left pillar-A

BAT

IG1

IG2



Headlamp, side turn lamp circuit diagram

UHC-engine compartment fuse box

F01-position lamp

F02-low beam

F03-high beam

F04-left turning lamp

F05-right turning lamp

D13-headlamp adjustment switch

M13_A1A-left headlamp electric adjustment

motor connector 3 holes black

M13_A2A-right headlamp electric adjustment

motor connector 3 holes black

M08_D1A-LF door electric rear mirror 8
holes blackM08_D2A-RF door electric rear mirror 8
holes black

L11_A1A-LF turning lamp connector 2 holes

L11_A2A-RF turning lamp connector 2 holes

L01_A1A-left headlamp connector 6 holes black

L01_A2A-right headlamp connector 6 holes black

X01_P1A Y01_D1A-dashboard main wiring harness and LF door
wiring harness connector 18 holes blackX01_P2A Y01_D2A-dashboard main wiring harness and RF door
wiring harness connector 18 holes blackX06_AD Y06_PD dashboard main wiring harness splicing to
engine compartment wiring harness 20 holes blueX06_AB Y06_PB dashboard main wiring harness splicing to
engine compartment wiring harness 20 holes white

G01_A-ground point in the left of the engine compartment

G03_A-ground point in the right of the engine compartment

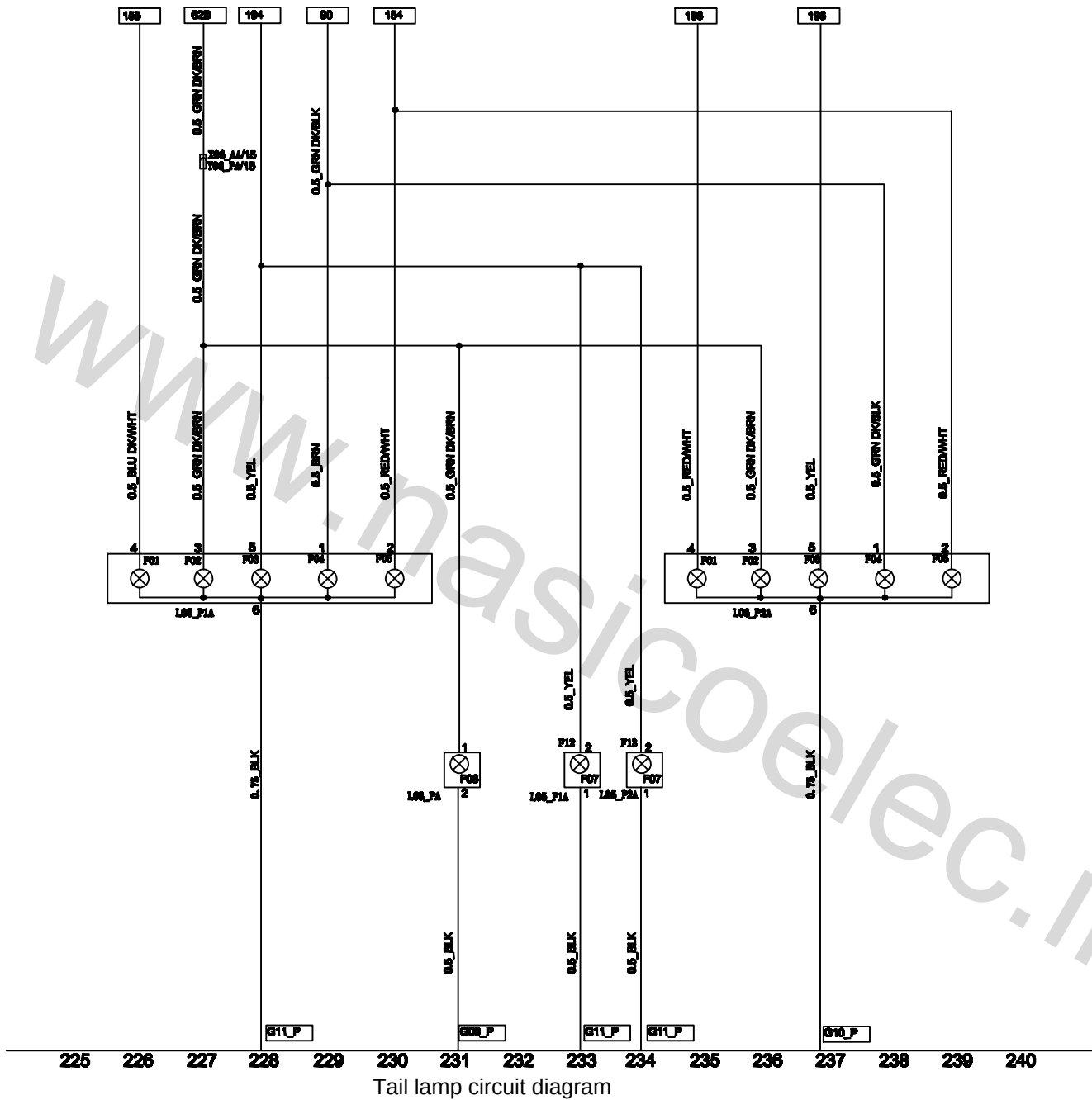
G13_P-ground point on the pillar-A at the left of main wiring harness

BAT

IG1

IEC BATT

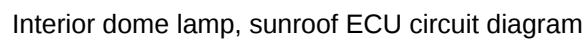
IG2



Tail lamp circuit diagram

L06_P1A- left tail lamp connector 6 holes white
 L06_P2A- right tail lamp connector 6 holes white
 L03_PA-high-mounted brake lamp connector 2 holes
 X06_AA Y06_PA-dash-board splicing to engine compartment
 connector 20 holes blue
 G09_P-ground point below left pillar-C
 G10_P-ground point below the RR seat
 G11_P-ground point below the LR combination lamp

F01-right turning lamp
 F02-brake lamp
 F03-rear position lamp
 F04-reversing lamp
 F05-rear fog lamp
 F06-high-mounted brake lamp
 F07-licence plate lamp

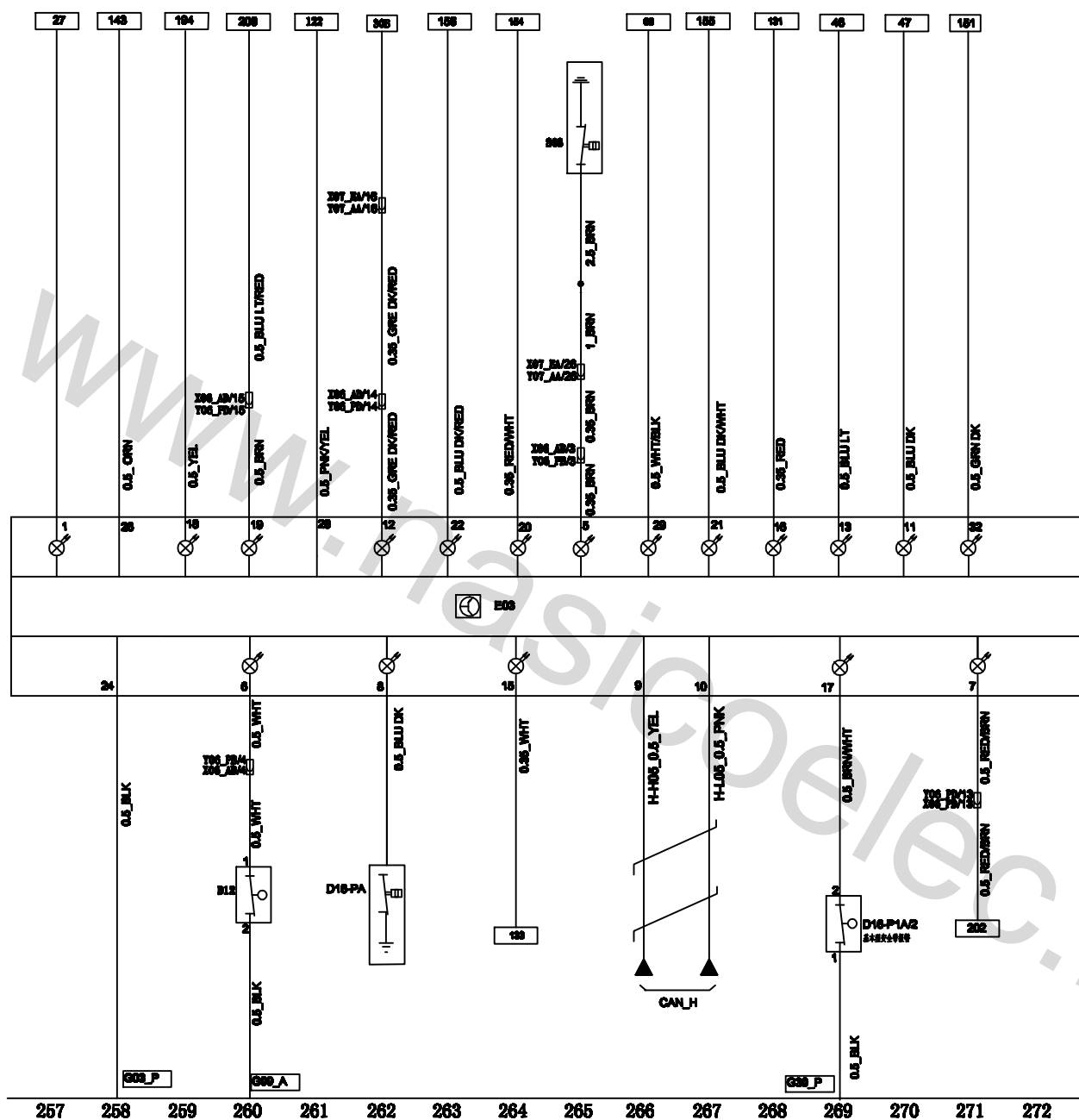


G13_P-ground point on the pillar-A at the left of main wiring harness

BAT

IG1

IG2



Instrument cluster circuit diagram

E03_PA-instrument cluster connector 32 holes blue

D12-brake fluid sensor connector 2 holes

D18_PA-hand brake switch 1 hole black

S03-oil pressure sensor 1 hole black

D16_P1A safe belt lock connector of the driver 2 holes white

X06_AD Y06_PD-dashboard wiring harness splicing to engine compartment wiring harness 20 holes blue

X06_AB Y06_PB-dashboard wiring harness splicing to engine compartment wiring harness 20 holes white

X07_EA Y07_AA-engine compartment wiring harness splicing to EFI wiring harness 42 holes

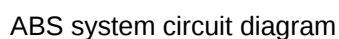
G30_P-ground point on the airbag

G09_A-ground point on the LF shock absorber in the engine compartment

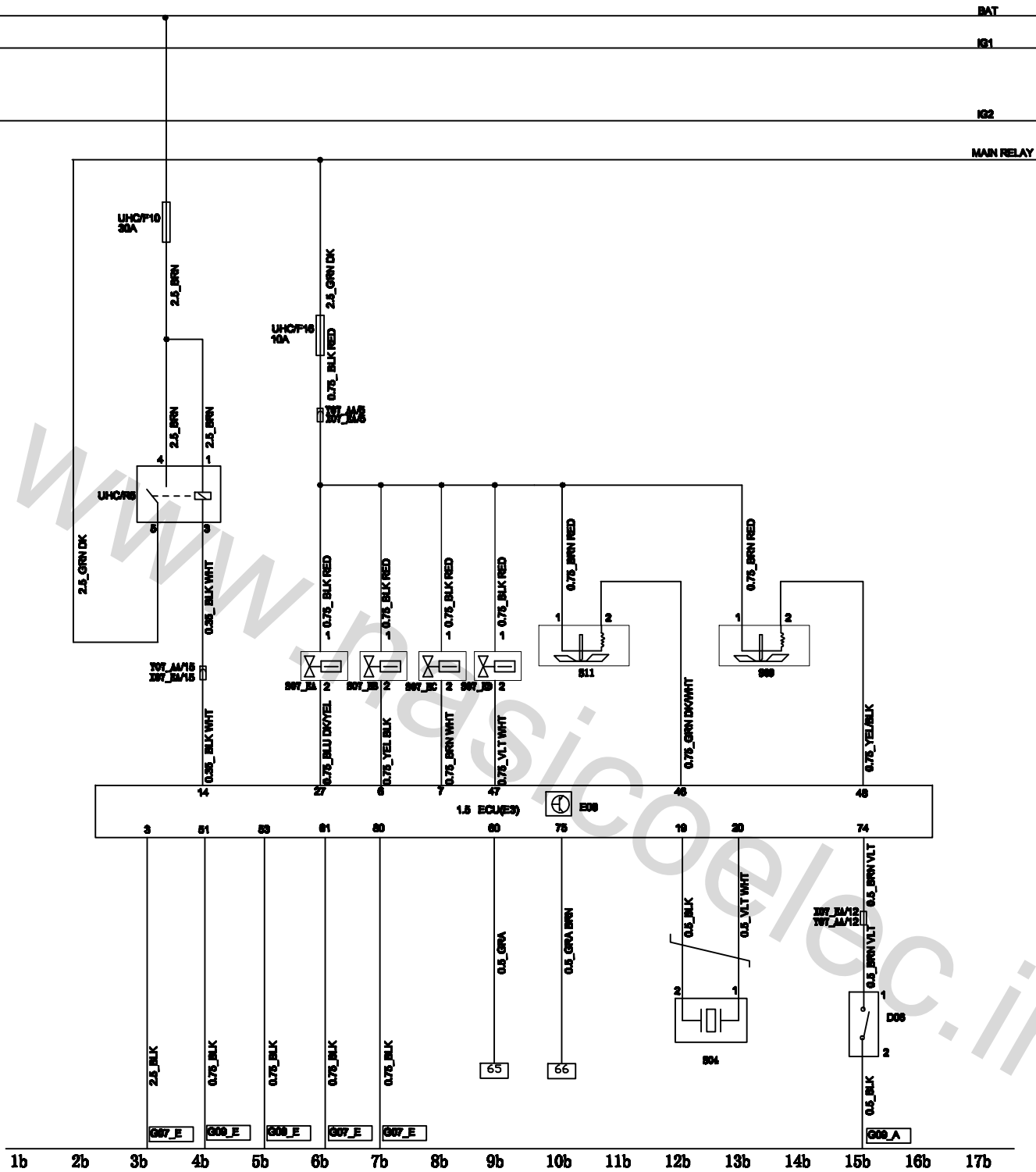
G03_P-ground point on the left pillar-A



G05_A-ground 2 on the left shock absorber in the engine compartment



G07_A-ground point 1 on the right shock absorber



BM 1.5 EFI unit circuit diagram 1

UHC-engine compartment fuse box

X07_EA Y07_AA-engine compartment wiring harness splicing to EFI wiring harness 42 holes

S07_EA-nozzle 1 connector 2 holes gray

S07_EB-nozzle 2 connector 2 holes gray

S07_EC-nozzle 3 connector 2 holes gray

S07_ED-nozzle 4 connector 2 holes gray

S11_EA-canister solenoid valve connector 2 holes black

S09_EA-variable camshaft timing connector 2 holes gray

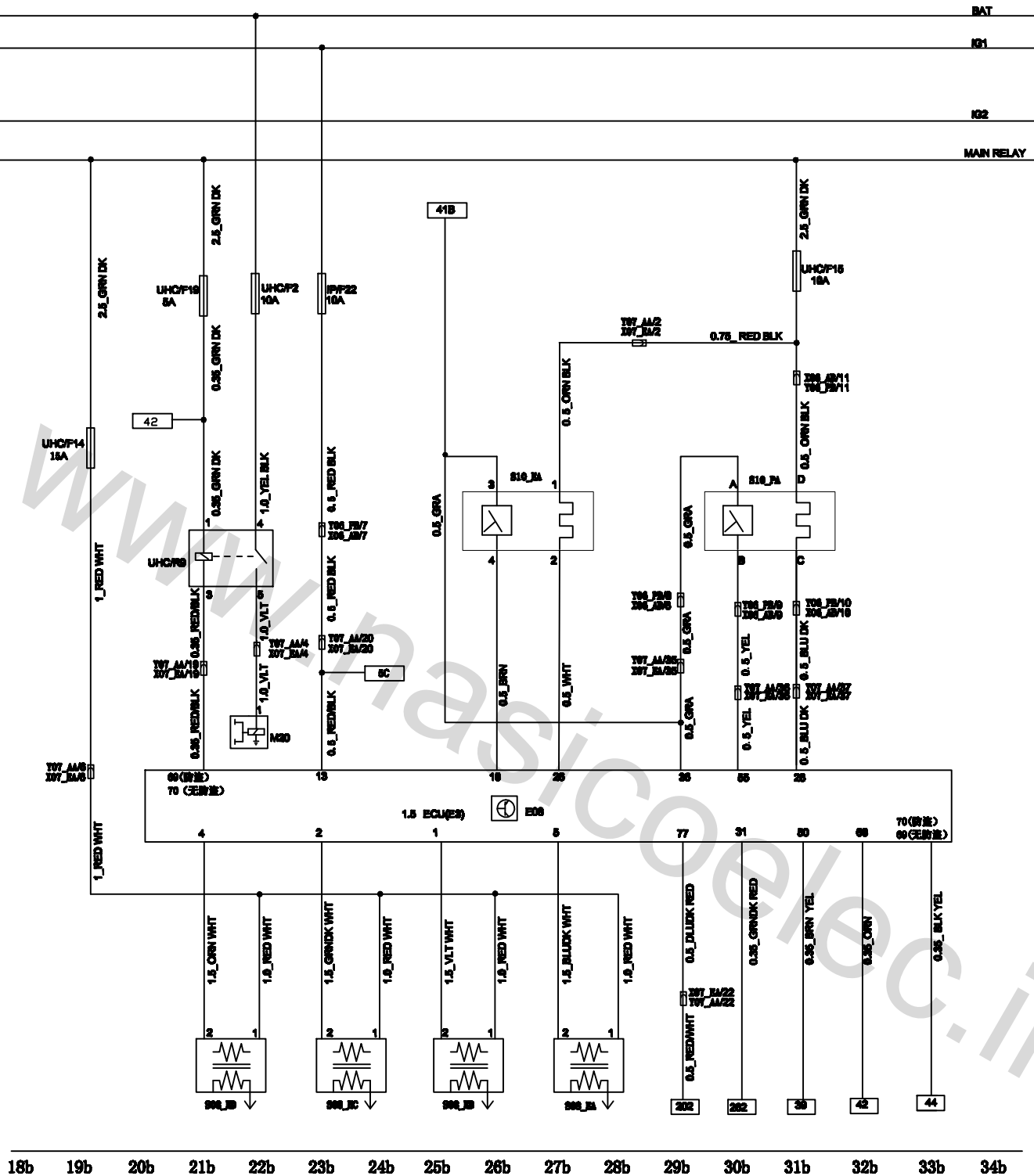
S04_EA-knock sensor connector 2 holes black

D06-clutch switch connector 2 holes white

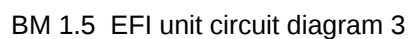
E08-engine ECU connector 81 holes black

G07_E-EFI ground point 2 on right shock absorber

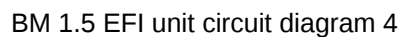
G09_ground point 1 on left shock absorber in the engine compartment



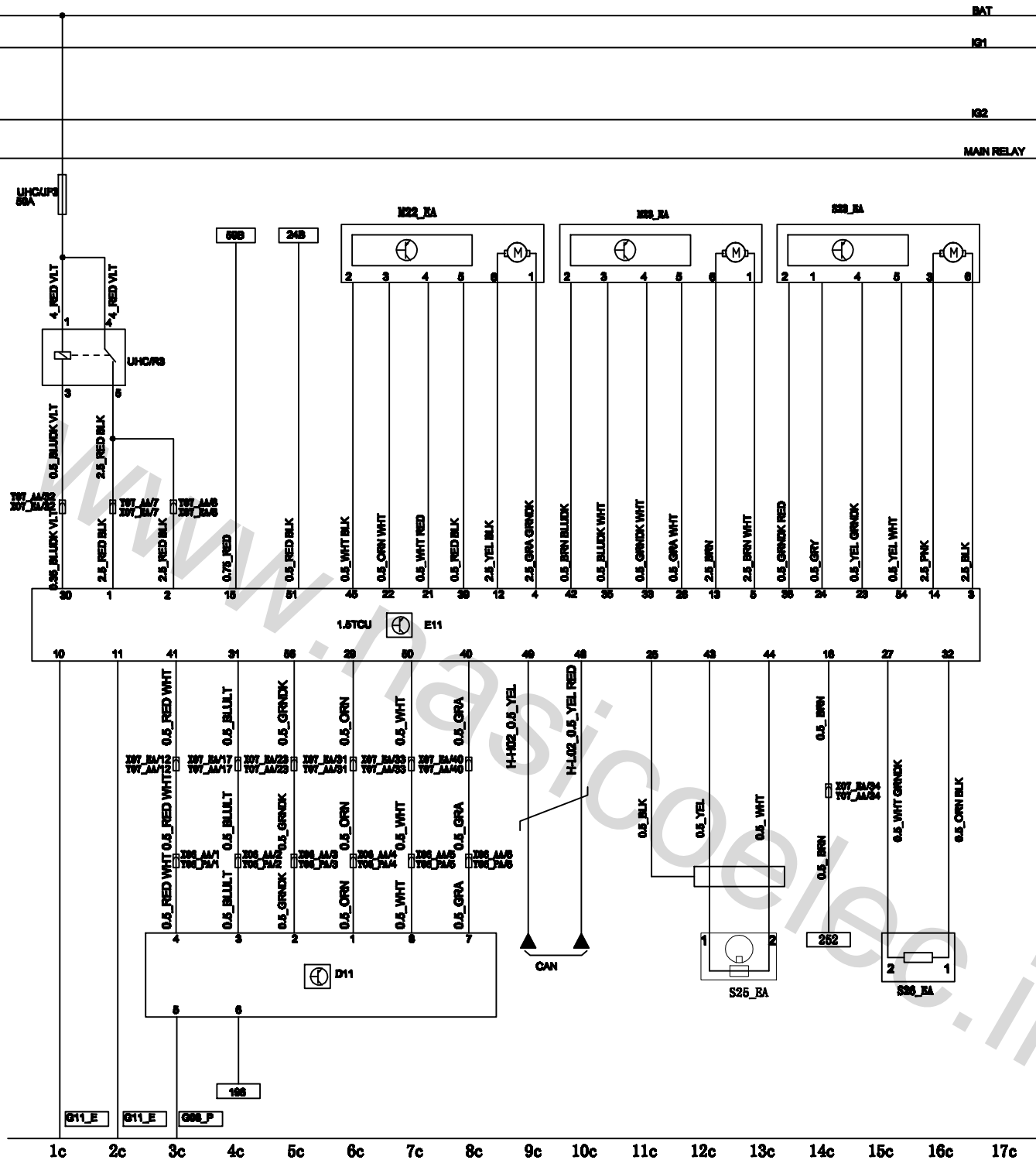
BM 1.5 EFI unit circuit diagram 2



E08_EA-EFI ECU connector 81 holes black
S01_EA-water temperature sensor connector 3 holes black
S05_EA-airflow sensor connector 4 holes gray
S02_EA-throttle valve sensor connector 6 holes black
S32_EA-speed sensor connector 3 holes black
S06_EA-camshaft sensor connector 3 holes black
S14_EA-accelerator pedal connector 6 holes black
X07_AA Y07_EA-EFI wiring harness splicing to main wiring harness 42 holes black
S31_PA-evaporimeter temperature sensor 2 holes
X06_AA Y06_PA-dashboard splicing to engine compartment connector 20 holes blue



E02_PC-anti-theft coil connector 2 hole



BM1.5 AMT EFI unit circuit diagram

UHC-engine compartment fuse box

E11-AMT gearbox TCU 66 holes black

M22_EA-AMT generator1

M23_EA-AMT generator2

S23_EA-clutch electrode&sensor

X07_AA Y07_EA-EFI wiring harness splicing to main wiring harness 42 holes black

X06_AA Y06_PA-dash-board splicing to engine compartment connector 20 holes blue

S25_EA-speed sensor

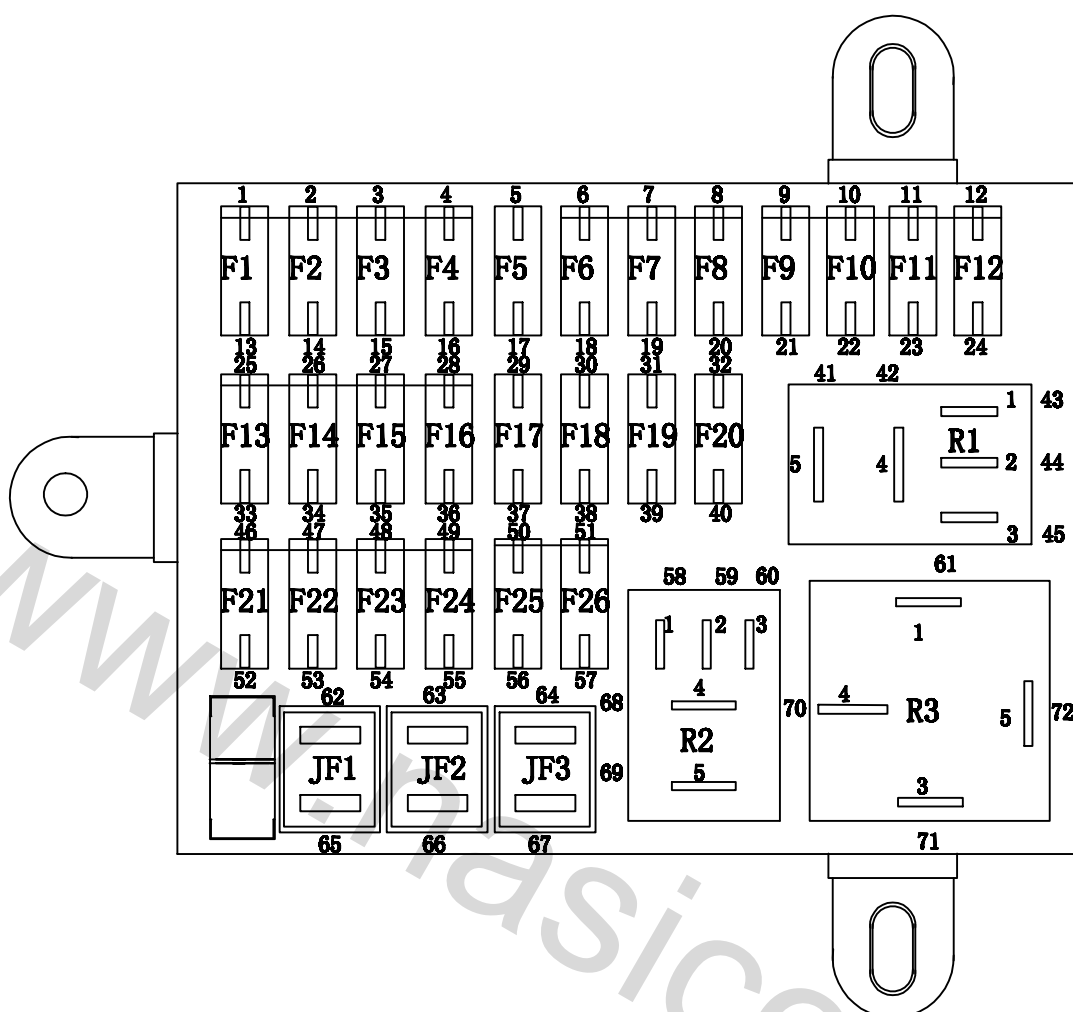
S26_EA-temperature sensor

E02_PA-anti-theft ECU connector 8 holes black

D11_PA-AMT gearshift ECU connector 8 holes black

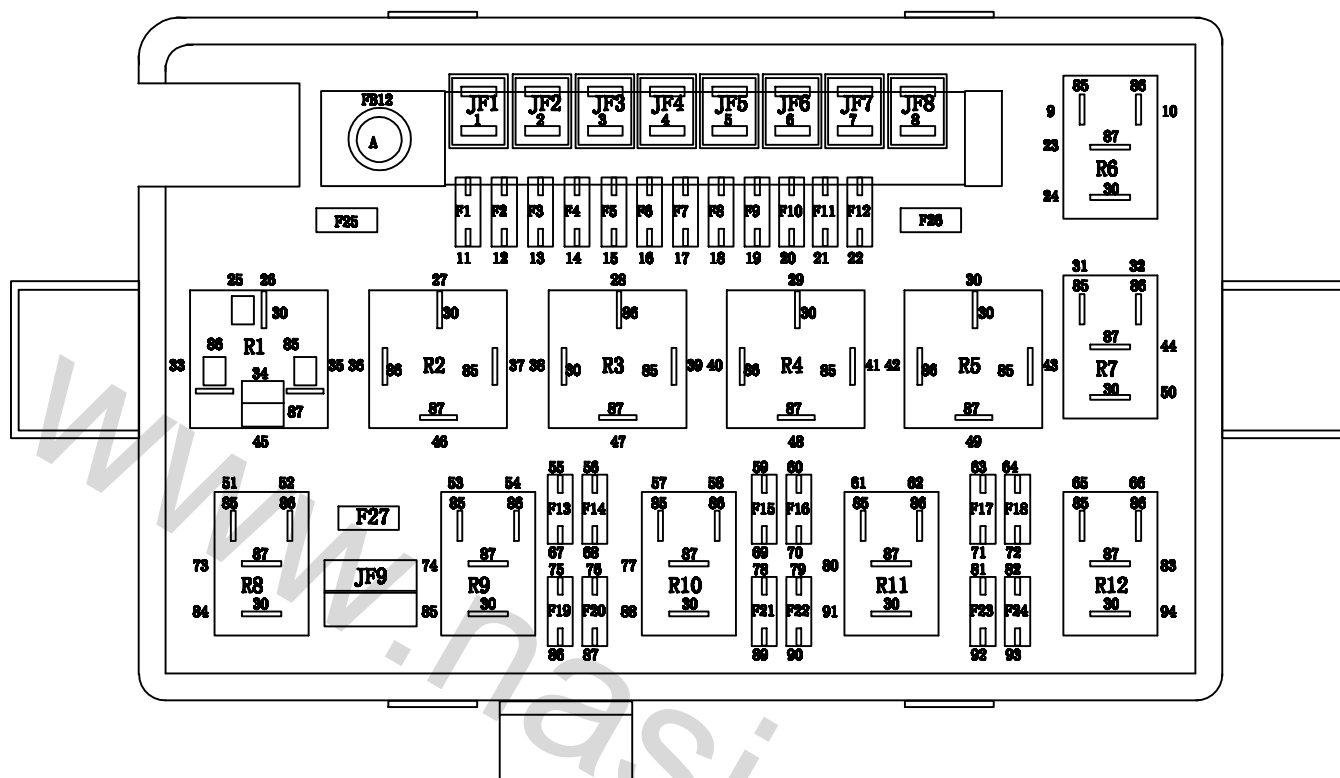
G08_P-ground point below left pillar-A

G11_E-ground point on AMT



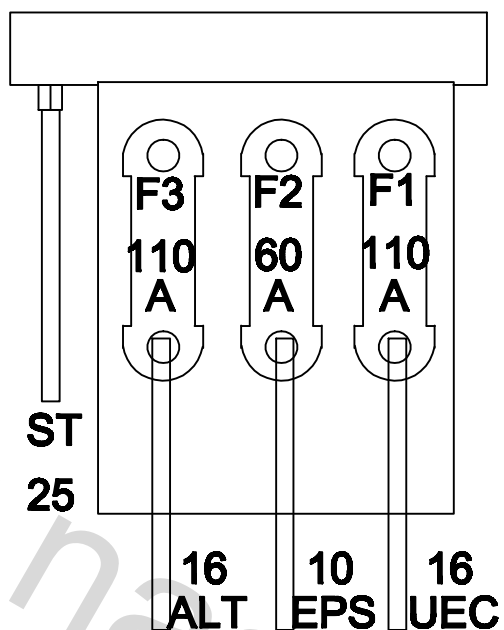
Instruction diagram for cockpit fuse box

IP-F1	Front internal lamp/instrument (10A)	IP-F17	Front wiper switch fuse (20A)
IP-F2	Brake fuse (10A)	IP-F18	Position 1 fuse (10A)
IP-F3	Radio fuse (15A)	IP-F19	Position 2 fuse (10A)
IP-F4	Engine ECU fuse (15A)	IP-F20	Start control coil fuse (5A)
IP-F5	Rear wiper/rear defroster relay coil fuse(15A)	IP-F21	ABS/electronic power steering fuse (10A)
IP-F6	Danger warning/rear fog lamp fuse (15A)	IP-F22	Engine ECU fuse (10A)
IP-F7	Door lock fuse (20A)	IP-F23	BCM/instrument fuse (10A)
IP-F8	Sunroof fuse (15A)	IP-F24	Airbag fuse (10A)
IP-F9	LF electric window fuse (20A)	IP-F25	Rear mirror fuse (7.5A)
IP-F10	RF electric window fuse (20A)	IP-F26	Lighter fuse (15A)
IP-F11	LR electric window fuse (20A)	IP-JF1	NA
IP-F12	RR electric window fuse (20A)	IP-JF2	NA
IP-F13	A/C compressor fuse (10A)	IP-JF3	Blower fuse (30A)
IP-F14	IG2 control coil fuse (5A)	R01	Rear defrost relay (30A)
IP-F15	Washing fluid pump fuse (10A)	R02	Back lamp relay (30A)-for AMT
IP-F16	Back switch fuse (10A)	R03	IG2 relay (40A)



Instruction diagram for engine compartment fuse box

UHC-F1	Fuel pump fuse (15A)	UHC-F27	Backup fuse (30A)
UHC-F2	A/C compressor fuse (10A)	UHC-JF1	Fan fuse (40A)
UHC-F3	ABS valve fuse (25A)	UHC-JF2	IEC power 1fuse (50A)
UHC-F4	Ignition switch 2 fuse (30A)	UHC-JF3	Gearbox ECU fuse (50A)
UHC-F5	Rear defrost fuse (30A)	UHC-JF4	Braking pump motor fuse (40A)
UHC-F6	Front fog lamp fuse (15A)	UHC-JF5	IG2 fuse (40A)
UHC-F7	Low beam fuse (15A)	UHC-JF6	IEC power 2 fuse (50A)
UHC-F8	High beam fuse (15A)	UHC-JF7	Ignition switch 1 fuse (30A)
UHC-F9	Start relay fuse (30A)	UHC-JF8	NA
UHC-F10	Main relay fuse (30A)	UHC-JF9	Backup fuse (40A)
UHC-F11	Horn fuse (10A)	R01	Cooling fan high relay (40A)
UHC-F12	NA	R02	Cooling fan low relay (40A)
UHC-F13	Main relay load fuse (10A)	R03	AMT relay (50A)
UHC-F14	Ignition coil fuse (15A)	R04	NA
UHC-F15	Oxygen sensor fuse (10A)	R05	Main relay (40A)
UHC-F16	Nozzle fuse (10A)	R06	Horn relay (30A)
UHC-F17	Left low beam fuse (10A)	R07	Start relay (30A)
UHC-F18	Right low beam fuse (10A)	R08	Oil pump relay (30A)
UHC-F19	Main relay output control signal fuse (5A)	R09	A/C compressor (30A)
UHC-F20	NA	R10	Front fog lamp relay (30A)
UHC-F21	NA	R11	Low beam relay (30A)
UHC-F22	NA	R12	High beam relay (30A)
UHC-F23	NA		
UHC-F24	NA		
UHC-F25	Backup fuse (10A)		
UHC-F26	Backup fuse (15A)		



Instruction diagram for battery positive electrode distribution box

- F1 UEC power fuse (110A)
- F2 Steering system fuse (60A)
- F3 Generator fuse (110A)

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