



H220-H230

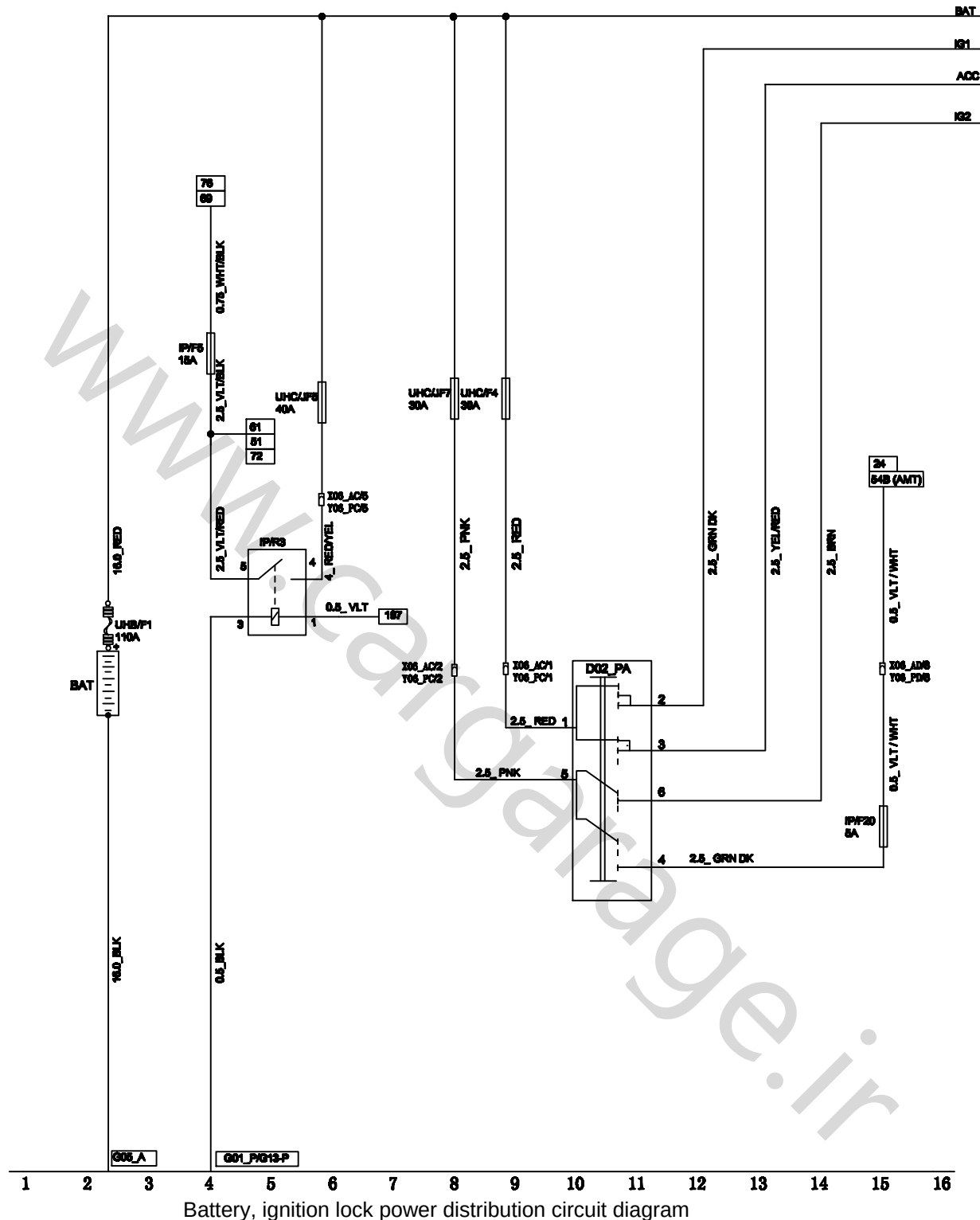
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- **wiring diagram**

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

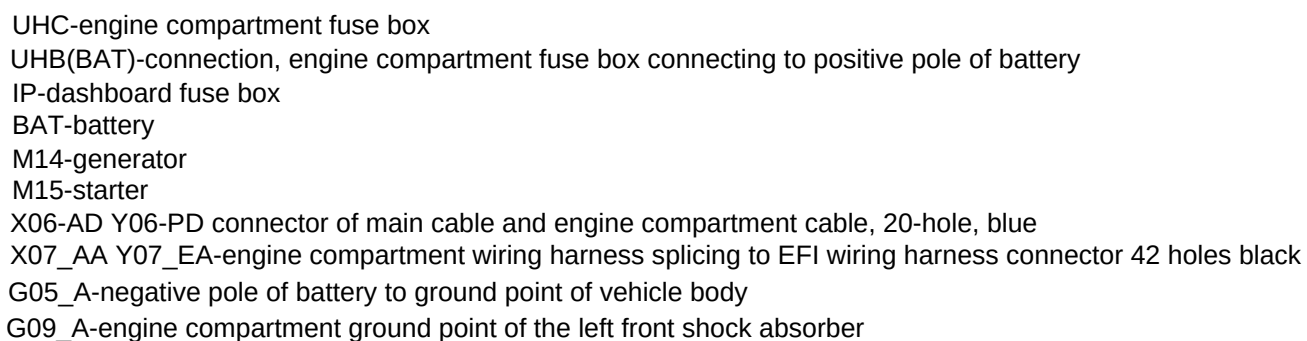
X06-AC Y06-PC connector of main cable and engine compartment cable, 10-hole, black

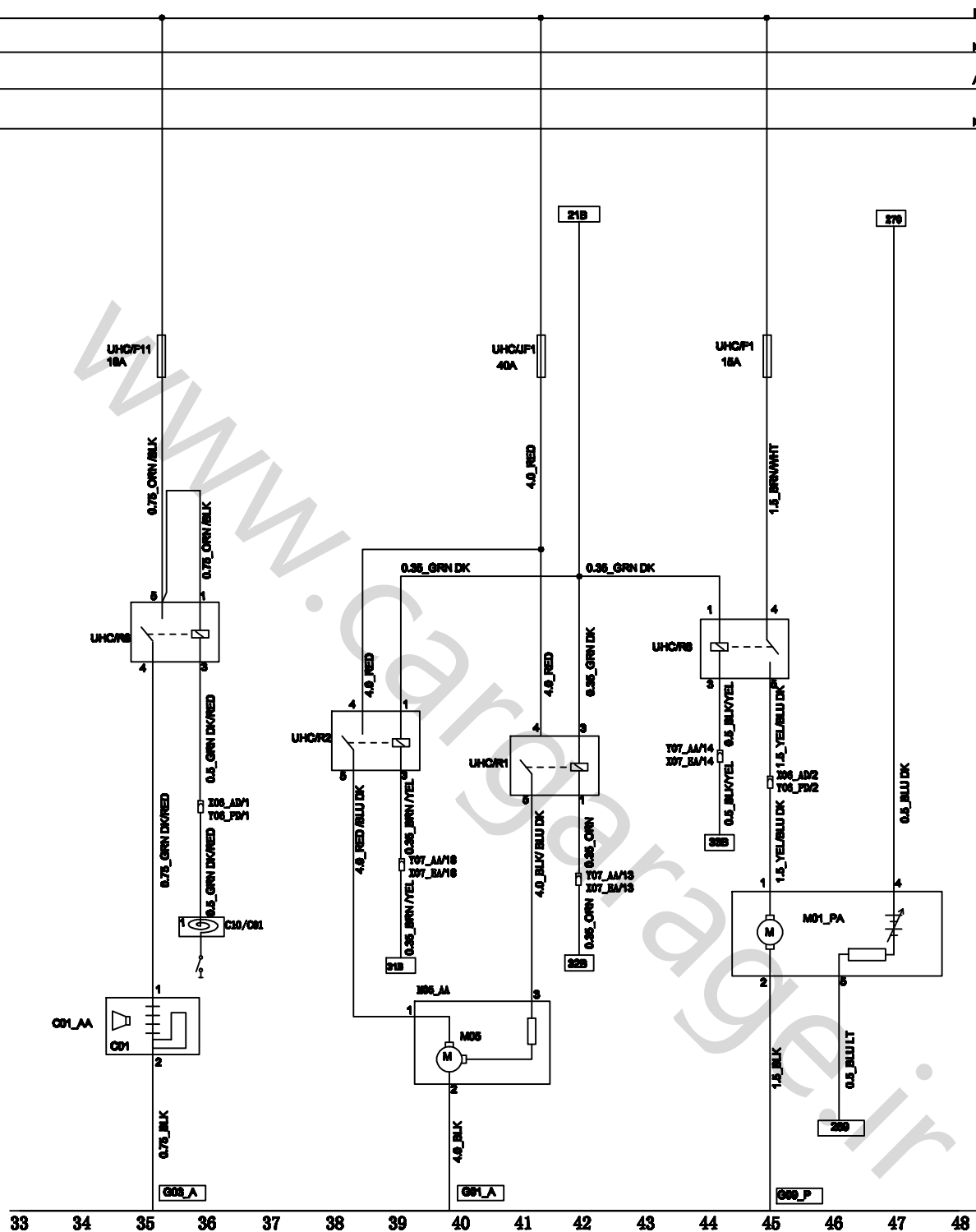
D02_PA-ignition lock connector

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





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-dash-board 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

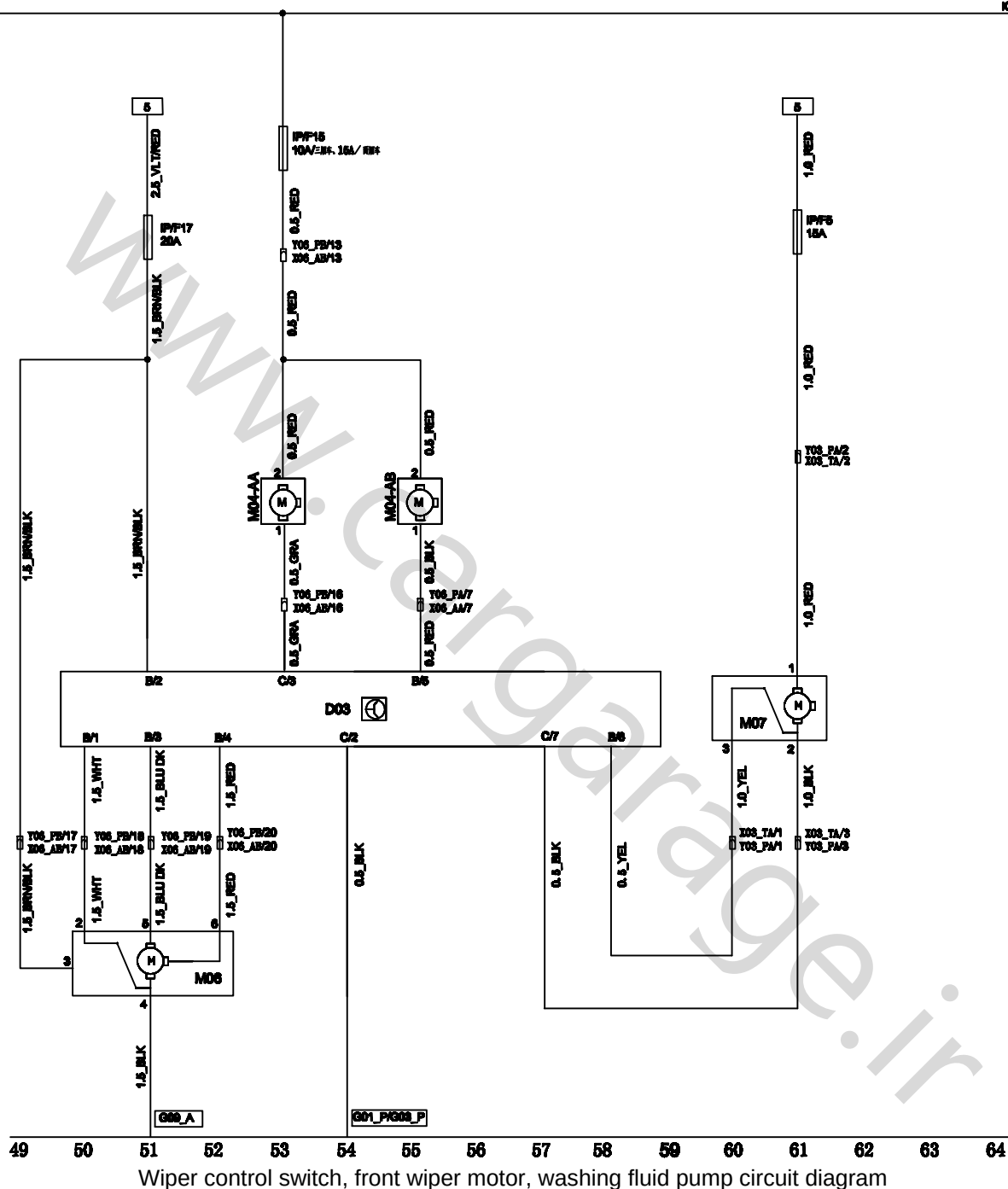
M05_AA-fan connector 3 holes black

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



UHC-engine compartment fuse box

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

IP-dash-board 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

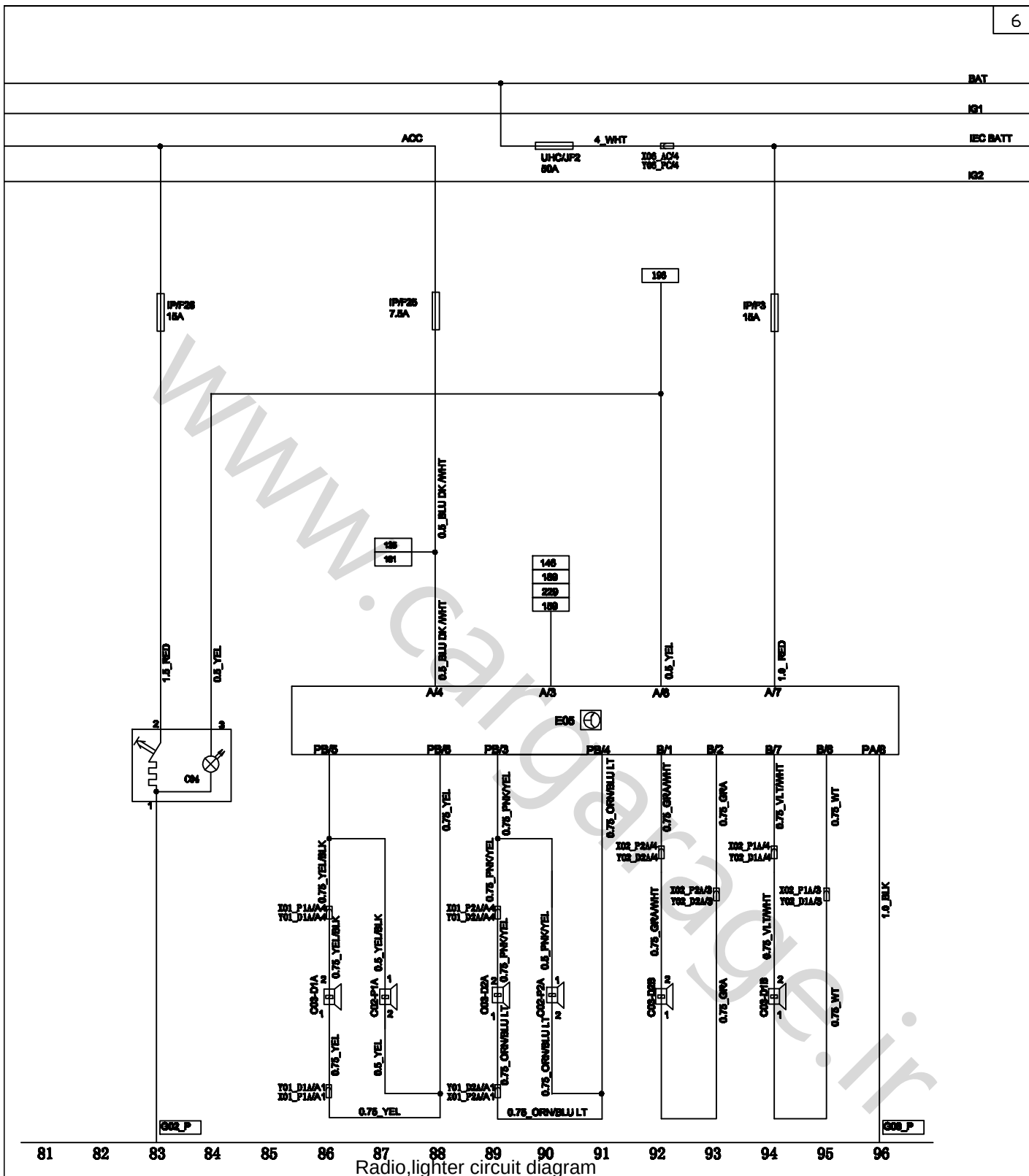
G01_P-ground point on pillar-A at the left of main wiring harness

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



Manual A/C control unit, blower
 UH-engine compartment fuse box
 UH(BAT)-connection, engine compartment fuse
 box connecting to positive pole of battery
 IP-dashboard fuse box
 E07-manual A/C control unit
 D10-A/C pressure switch
 M02-blower motor
 C06-rear defrosting heater
 C05-blower adjustment resistance
 D10_EA-A/C pressure switch connector 4 holes green
 X07_AA Y07_EA-engine compartment wiring harness
 splicing to EFI wiring harness connector 42hole black
 X06_AB Y06_PB-main wiring harness splicing to
 engine compartment wiring harness 20 hole white

E07_PA-A/C ECU connector 20 holes black
 M02_PA-blower motor connector 2 holes white
 C05_PA-blower speed adjustment resistance
 connector 4 holes white
 C06_PA-rear defrosting heater connector
 positive pole 1 hole black
 C06_PB-rear defrosting heater connector
 negative pole 1 hole black
 G02_P-ground point on pillar-A at the
 right of main wiring harness
 G01_T-pillar-c ground point
 G08_P-ground point below pillar-A at
 the right of main wiring harness
 G07_E-ground point2 on the RH shock
 absorber of the EFI wiring harness



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

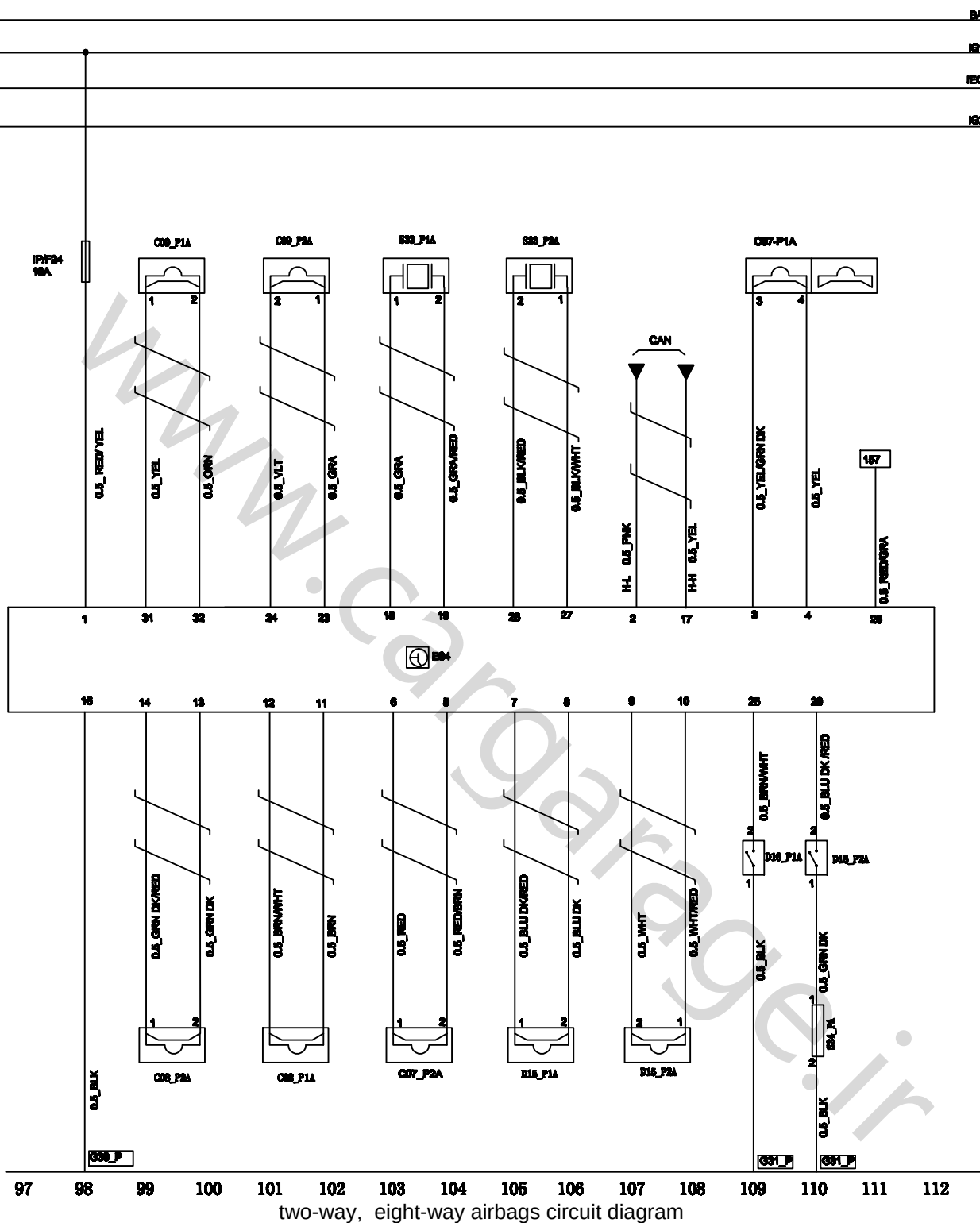
X01_P1A Y01_D1A-dash-board main wiring harness and left front door wiring harness splicing connector 18 holes black

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

X02_P2A X02_D2B-right rear door wiring harness and main wiring harness splicing connector 14 holes white



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

4 holes yellow

C09_P2A-passenger's air curtain

connector 2 holes yellow

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

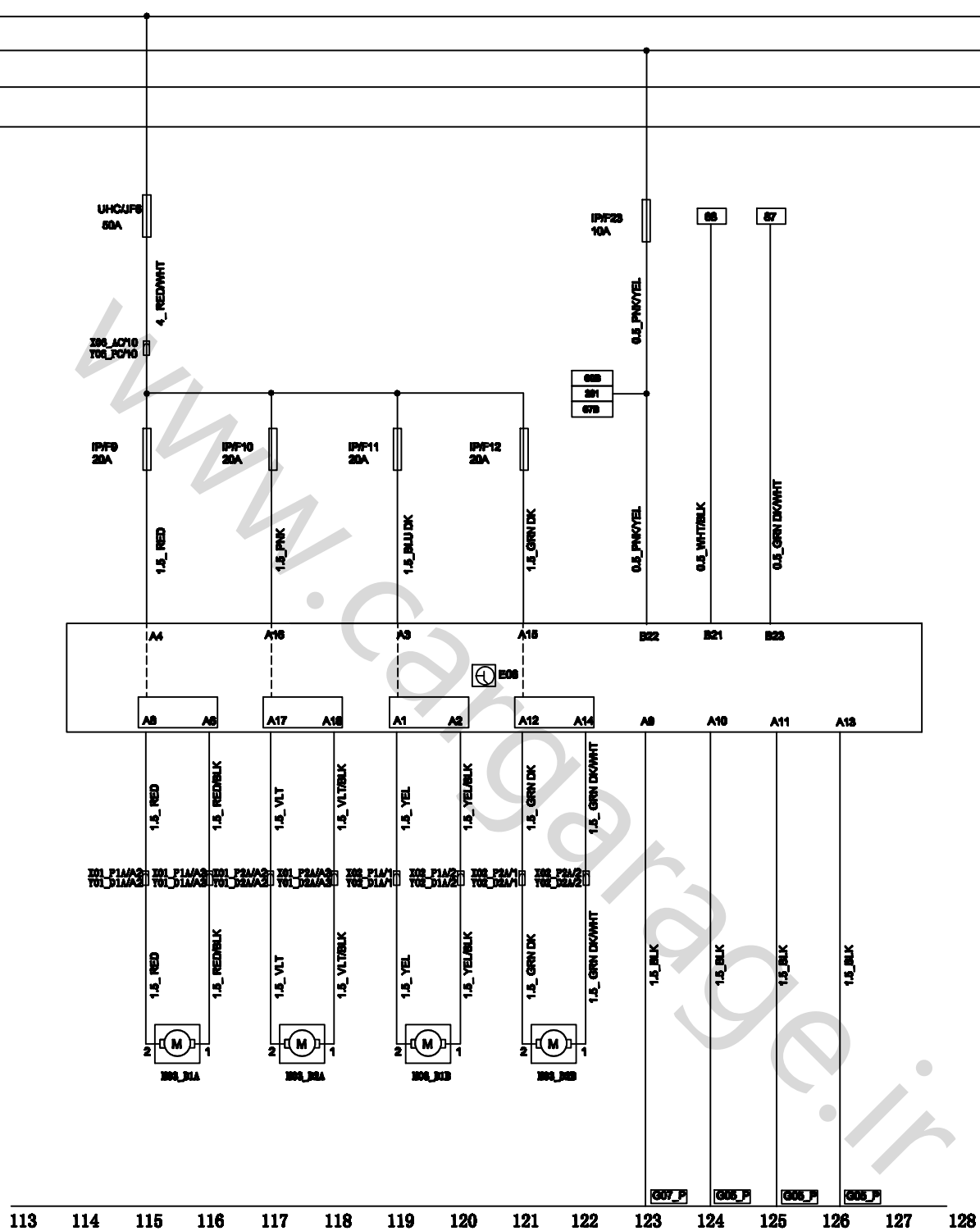
2 holes black

D16_P1A-driver's side seat belt latch

connector 2 holes white

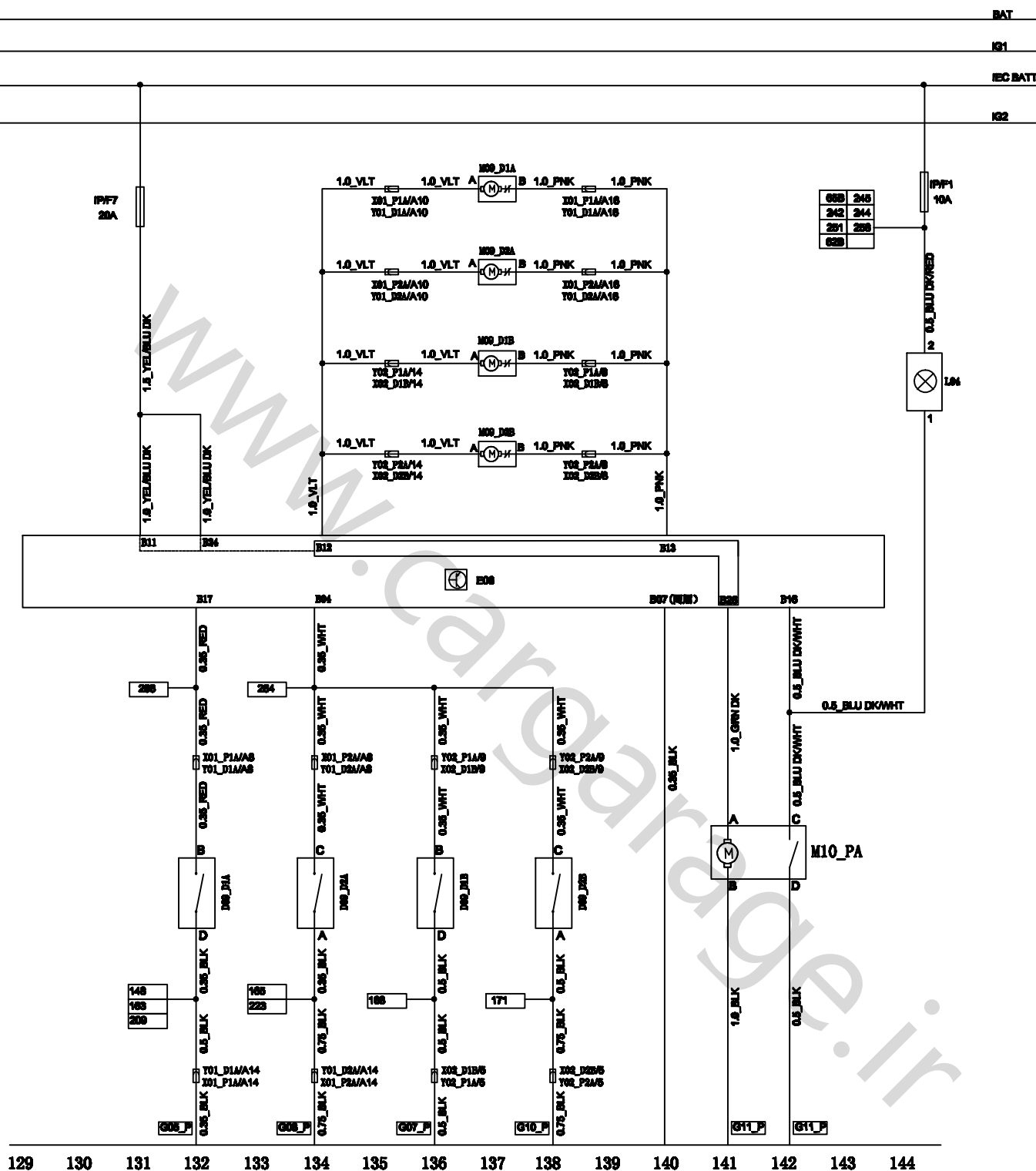
G30_P-airbag ECU ground point

G31_P-airbag ECU ground point



BCM circuit diagram

- | | |
|--|---|
| UH-engine compartment fuse box | Y01_D1A-LF door wiring harness and ashboard main wiring harness 36 holes white |
| UH(BAT)-connection, engine compartment fuse box connecting to positive pole of battery | Y01_P2A-RF door wiring harness and ashboard main wiring harness 36 holes white |
| IP-dashboard fuse box | X01_P1A-dashboard main wiring harness and LF door wiring harness connector 18 holes black |
| M03-electric window motor | X01_P2A-dashboard main wiring harness and RF door wiring harness connector 18 holes black |
| E06-BCM body ECU | X02_P1A Y02_D1A-LR door splicing to main wiring harness connector 14 holes white |
| E06_PC-body ECU BCM connector 16 holes white | X02_P2A Y02_D2A-RR door splicing to main wiring harness connector 14 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 | |



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

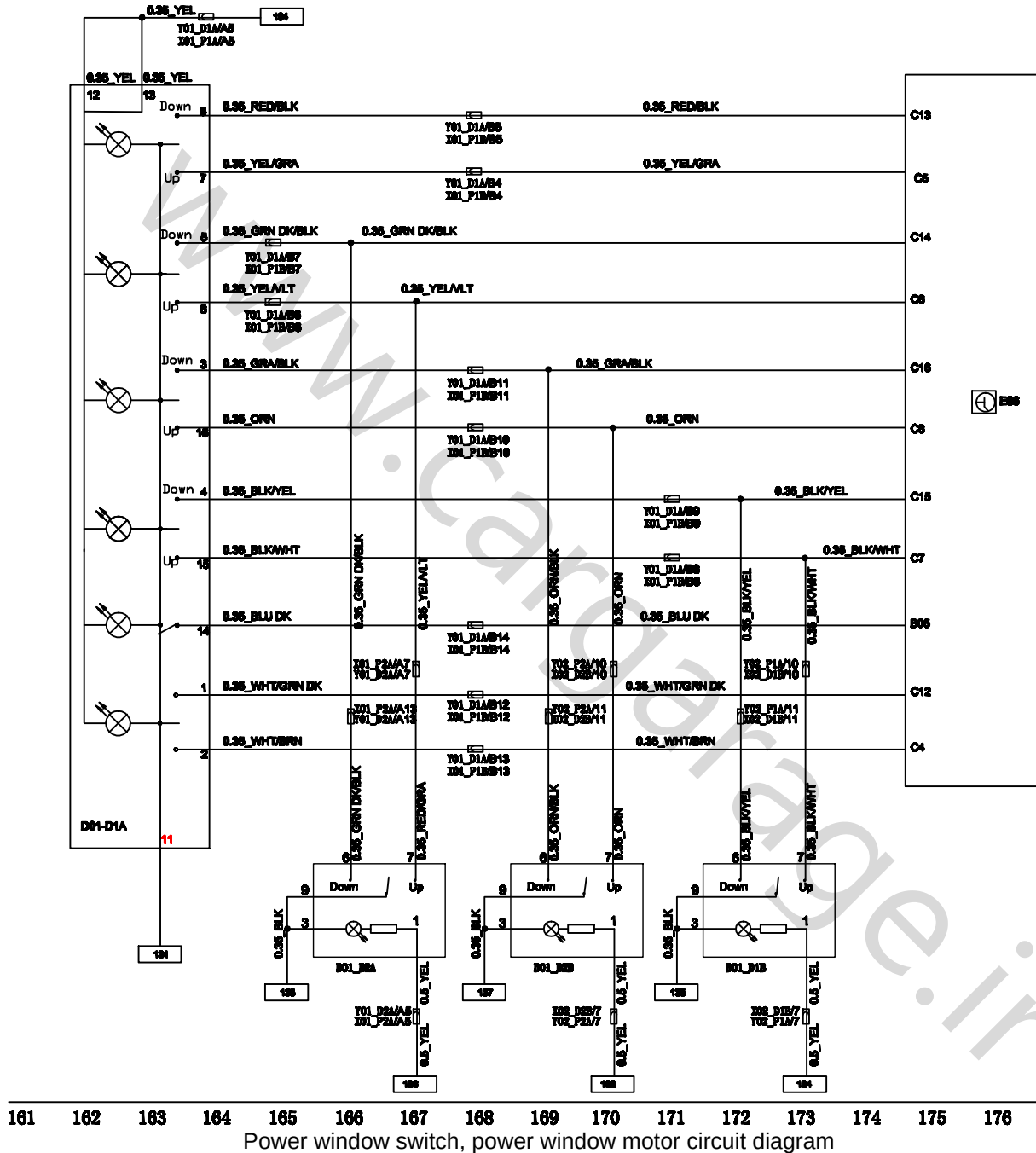
M10_PA-tailgate lock motor connector 4 holes white
X01_P1A Y01_D1A-dashboard main wiring harness and LF door wiring harness connector 18 hole black
X01_P2A Y01_D2A-dashboard main wiring harness and RF door wiring harness connector 18 hole black
Y02_P1A X02_D1B-LR door splicing to main wiring harness 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



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

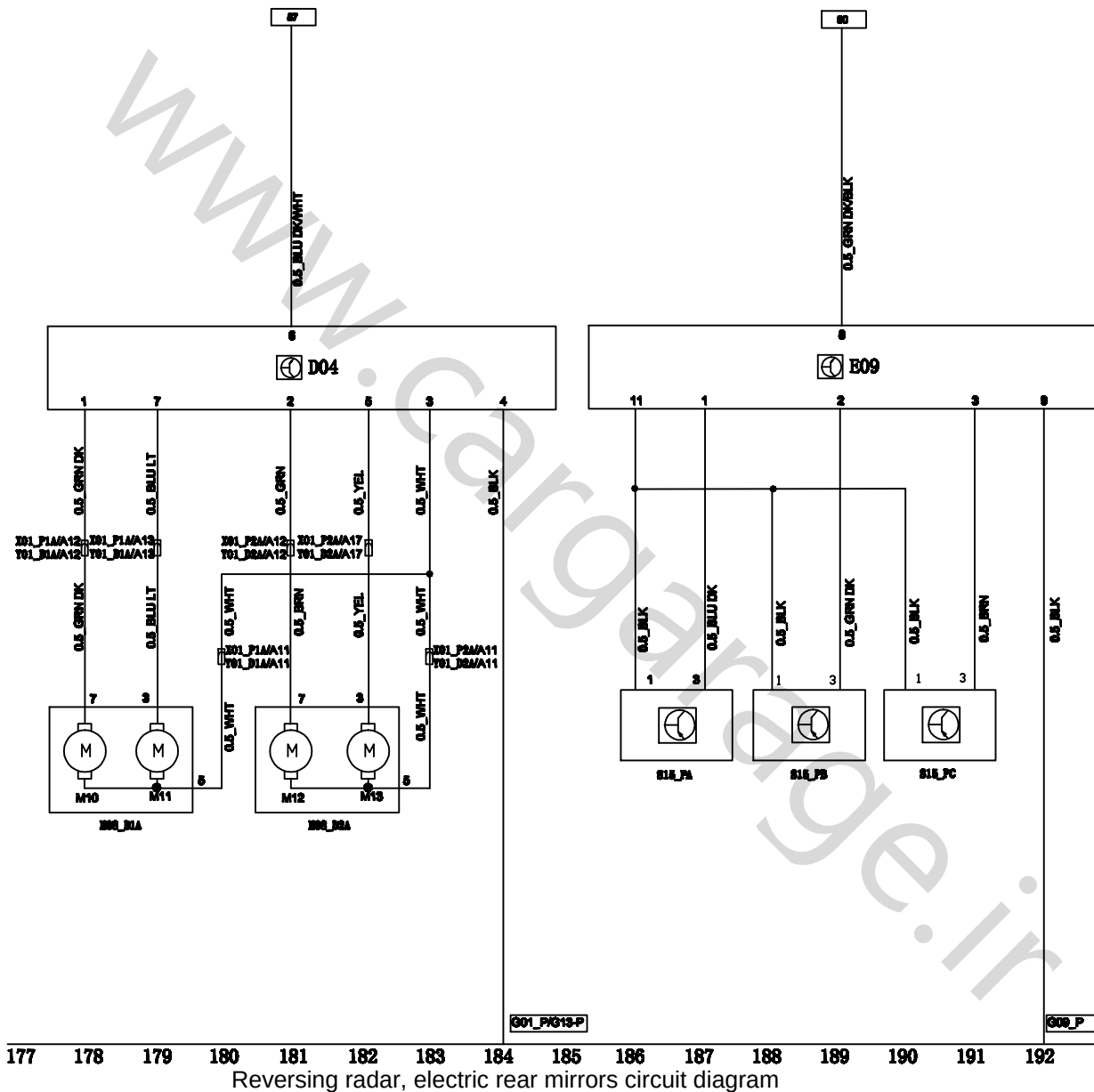
Y02_P2A X02_D2B-RR door wiring harness splicing to main wiring harness 14 holes white

BAT

IG1

REC BATT

IG2



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

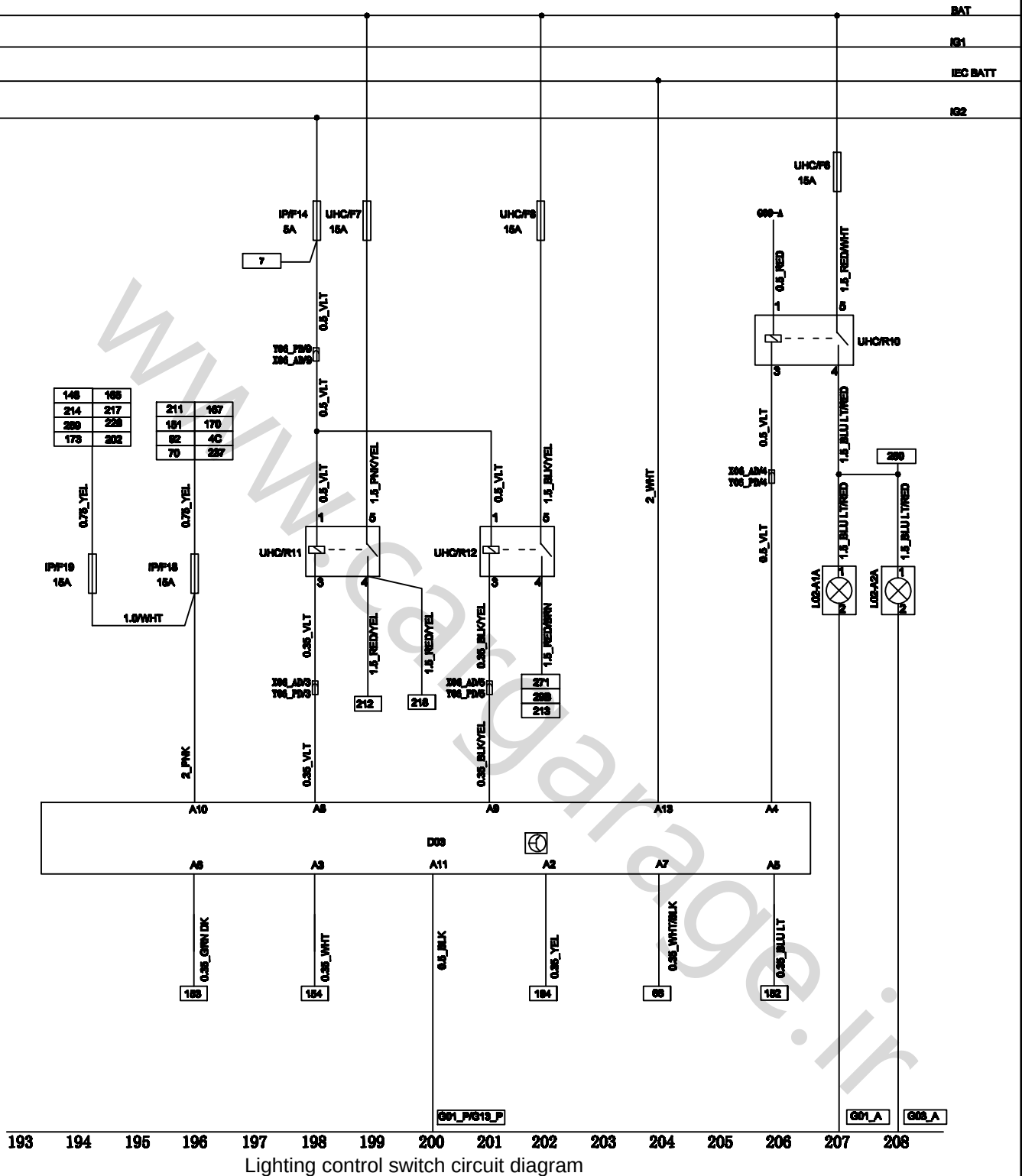
X01_P1A Y01_D1A-dashboard main wiring harness splicing to LF door wiring harness 18 holes black

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

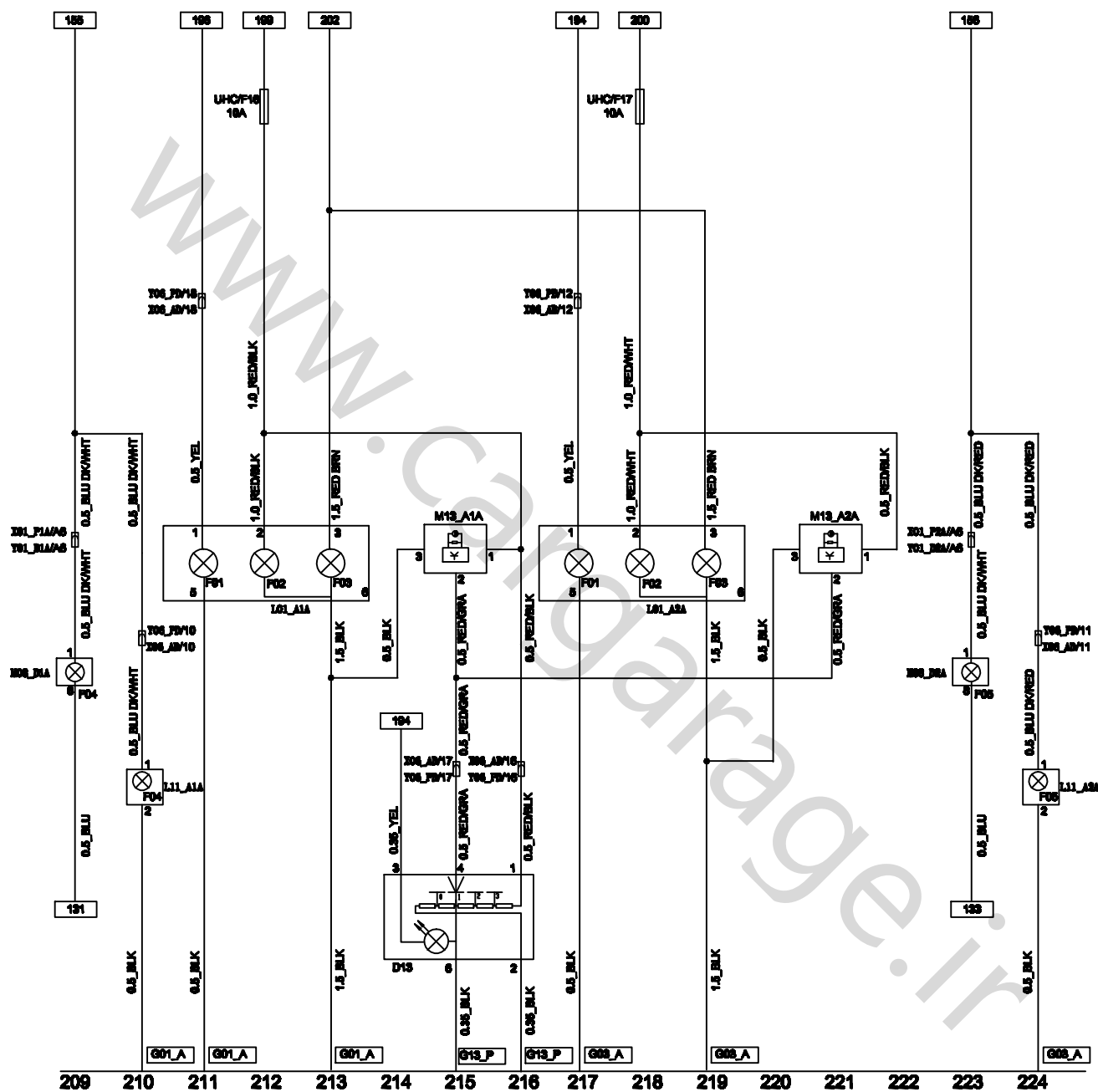
G13_P-ground point on the pillar-A at the left of main wiring harness

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 black

M08_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 black

X01_P2A Y01_D2A-dashboard main wiring harness and RF door

wiring harness connector 18 holes black

X06_AD Y06_PD dashboard main wiring harness splicing to

engine compartment wiring harness 20 holes blue

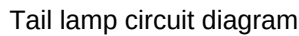
X06_AB Y06_PB dashboard main wiring harness splicing to

engine compartment wiring harness 20 holes white

G01_A-ground point in the left of the engine compartment

G02_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

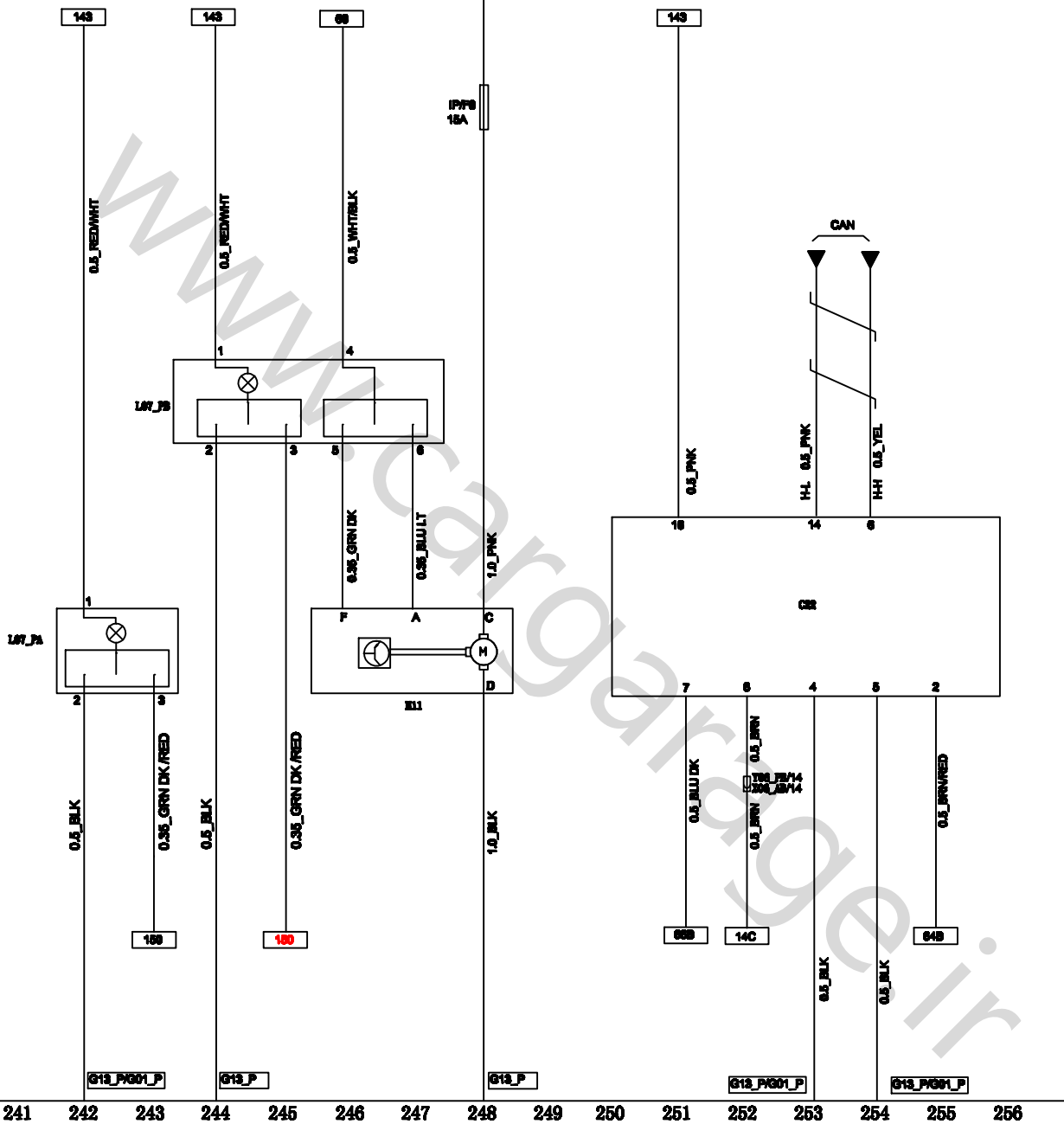
IG2

- 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

BAT

IG1

IG2



IP-dashboard fuse box

L07_PA-front interior dome lamp connector(without sunroof) 3 holes white

L07_PB-front interior dome lamp connector(with sunroof) 6 holes white

M11-sunroof ECU

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

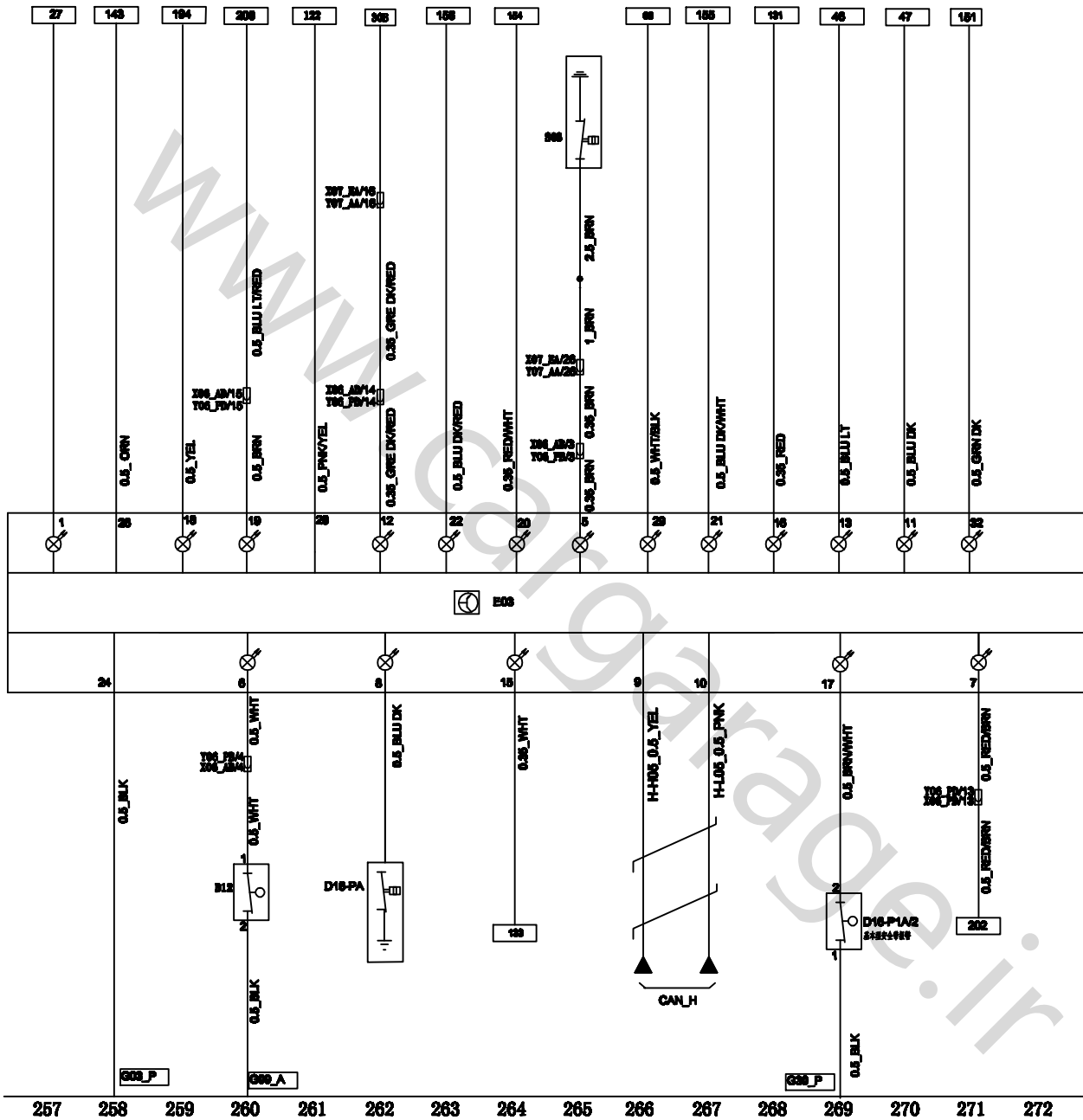
G01_P-ground point on the pillar-A at the left of main wiring harness

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

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

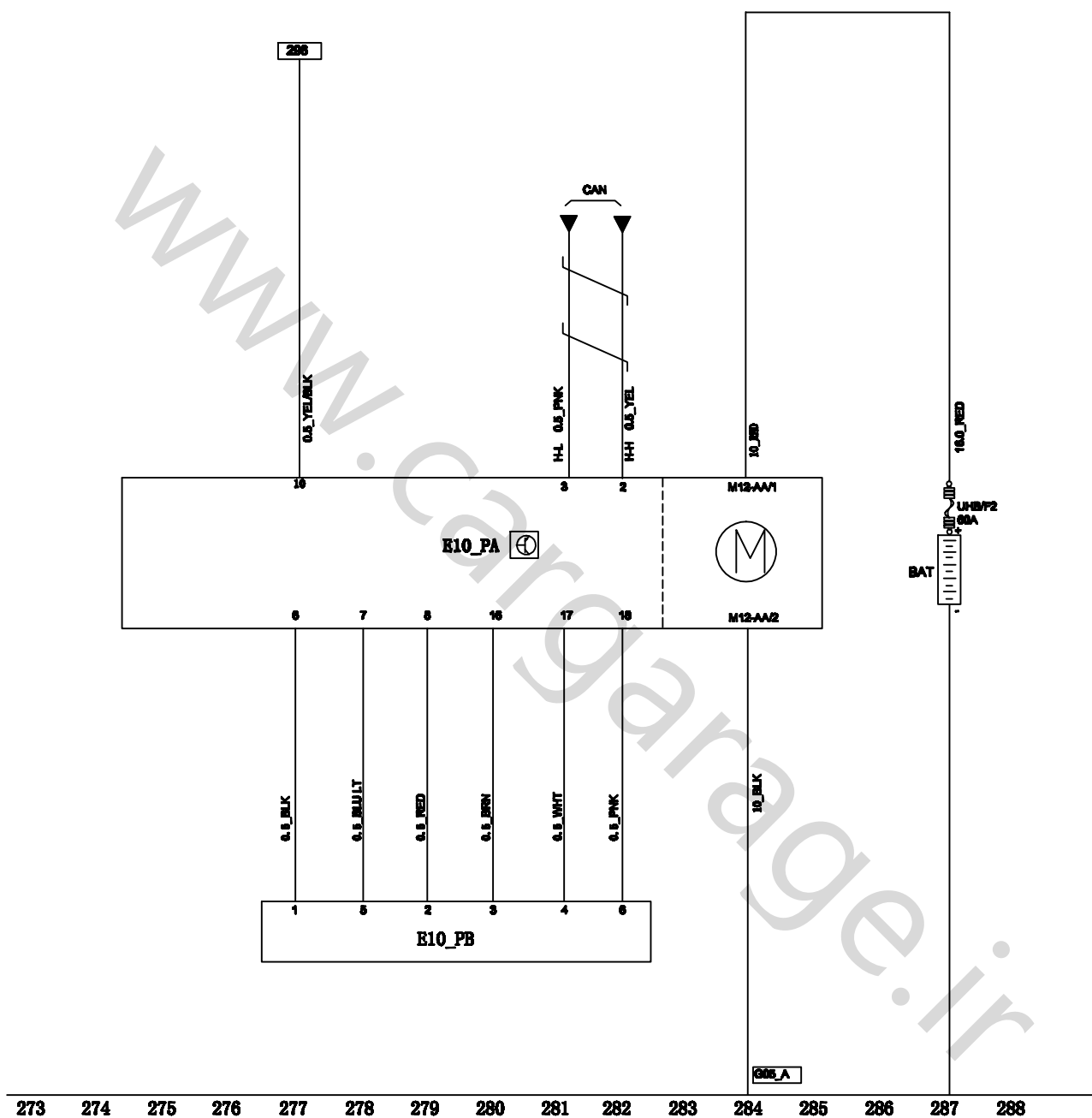
G09_A-ground point on the LF shock absorber in the engine compartment

G03_P-ground point on the left pillar-A

BAT

IG1

IG2



Electric power steering circuit diagram

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

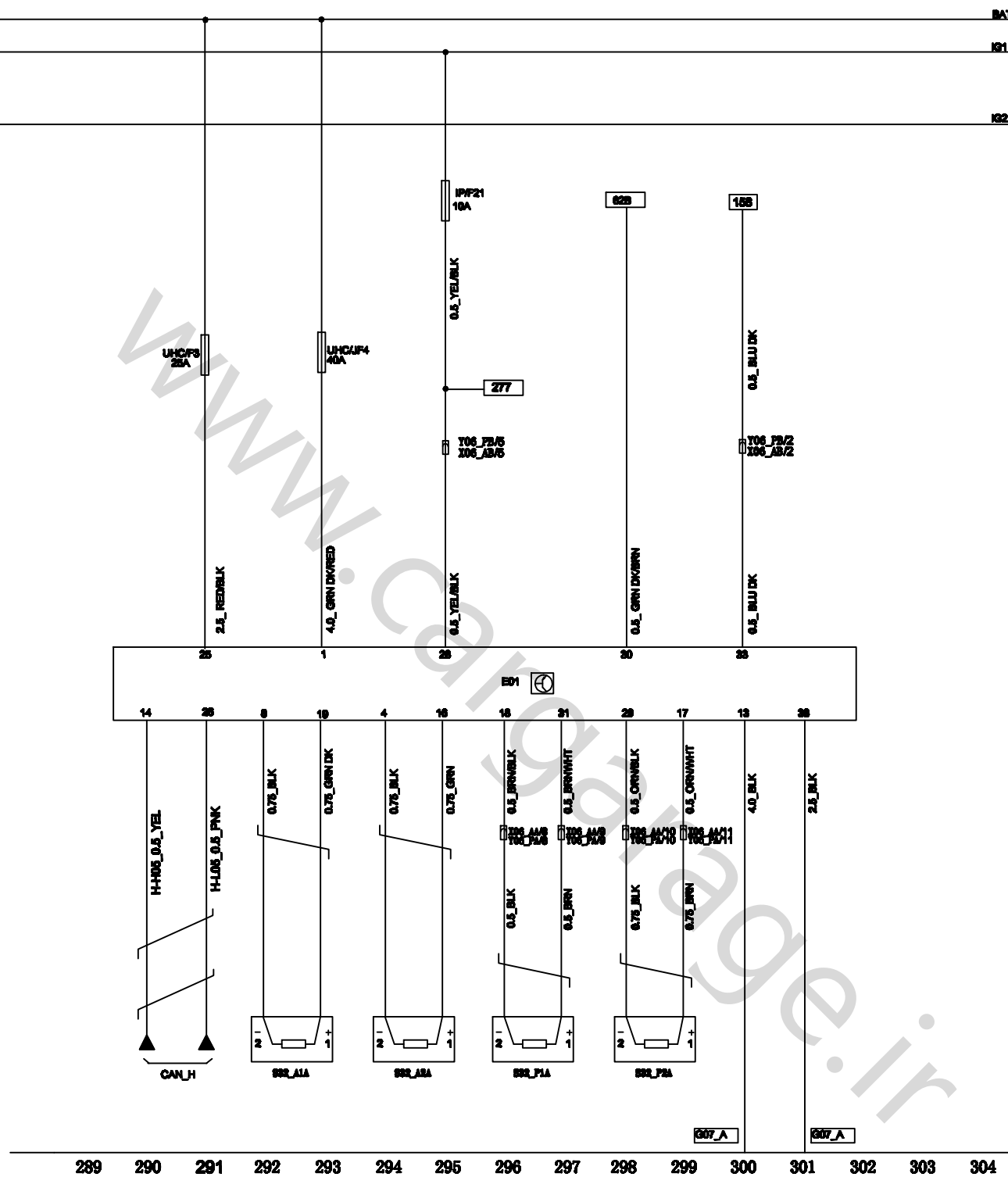
BAT-battery

E10_PA-electric power steering ECU connector 20 holes black

E10_PB-torque sensor connector 6 holes

M12_AA-electric power steering power connector 2 holes black

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



ABS system circuit diagram

UHC-engine compartment fuse box

IP-dashboard fuse box

E01-ABS ECU connector 38 holes black

S32_A1A-left front wheel speed sensor

S32_A2A-right front wheel speed sensor

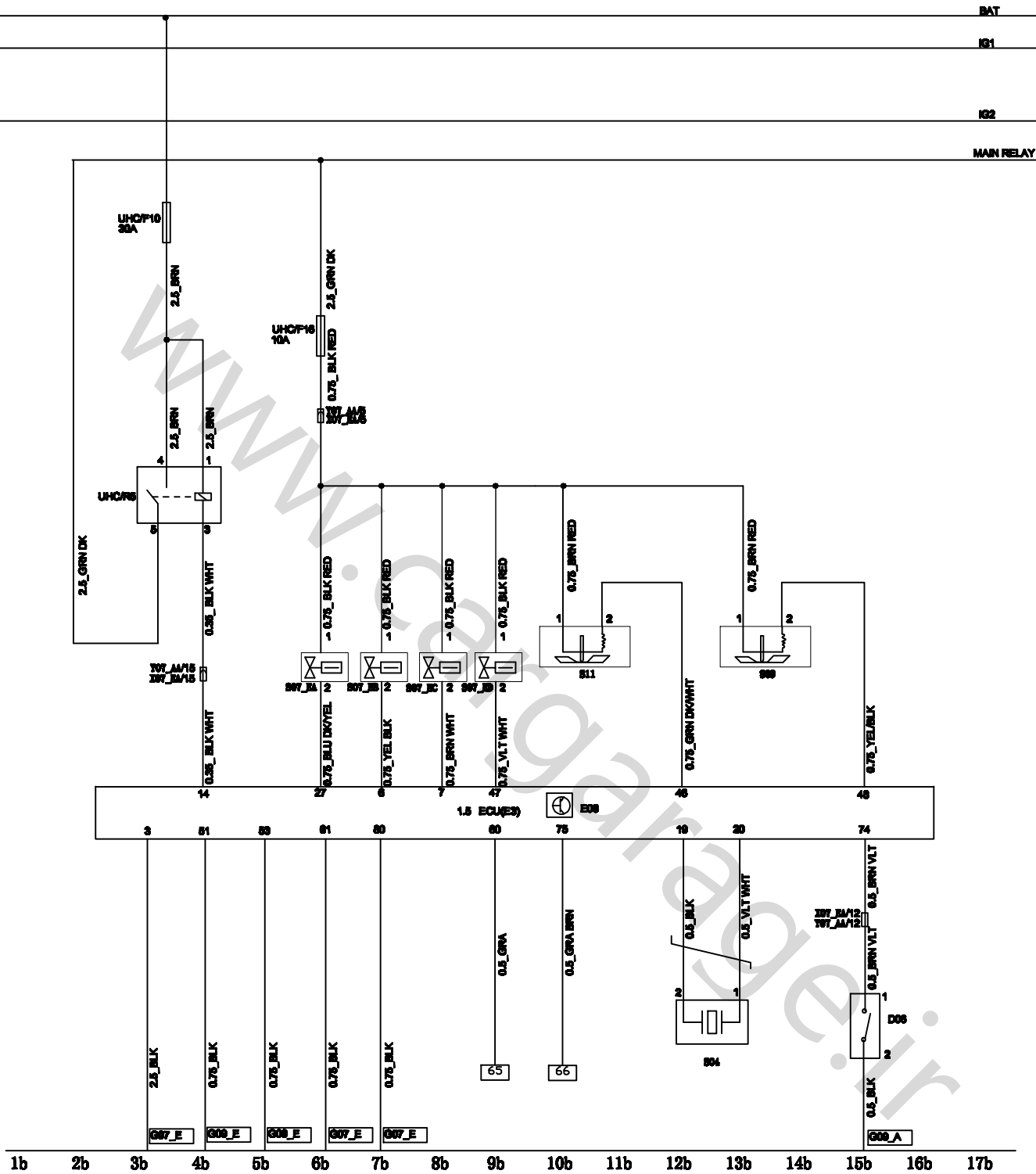
S32_P1A-left rear wheel speed sensor

S32_P2A-right rear wheel speed sensor

X06_AA Y06_PA-dashboard splicing to engine compartment connector 20 holes blue

X06_AB Y06_PB-dashboard splicing to engine compartment connector 20 holes white

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

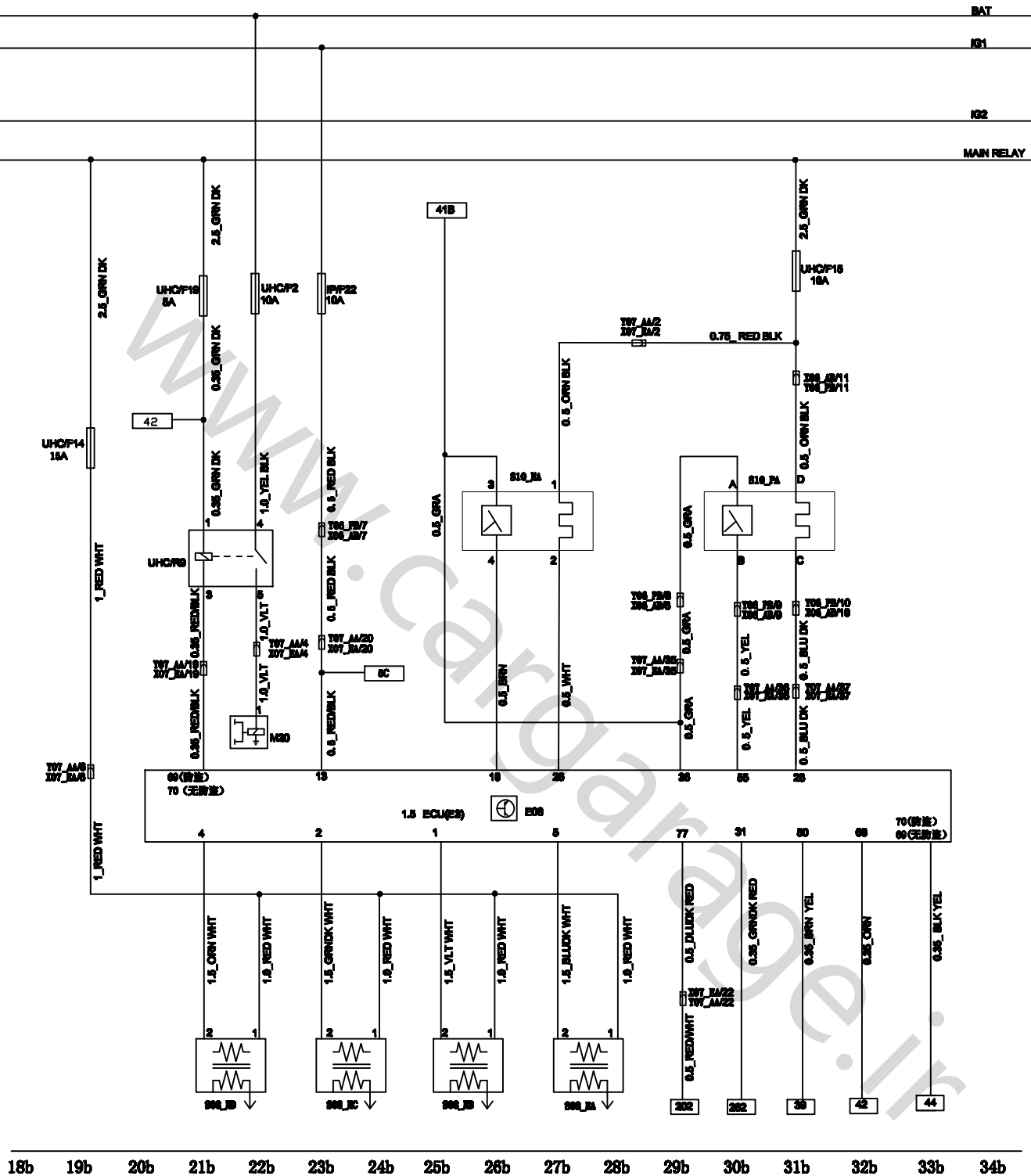
S04_EA-knock sensor connector 2 holes black

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



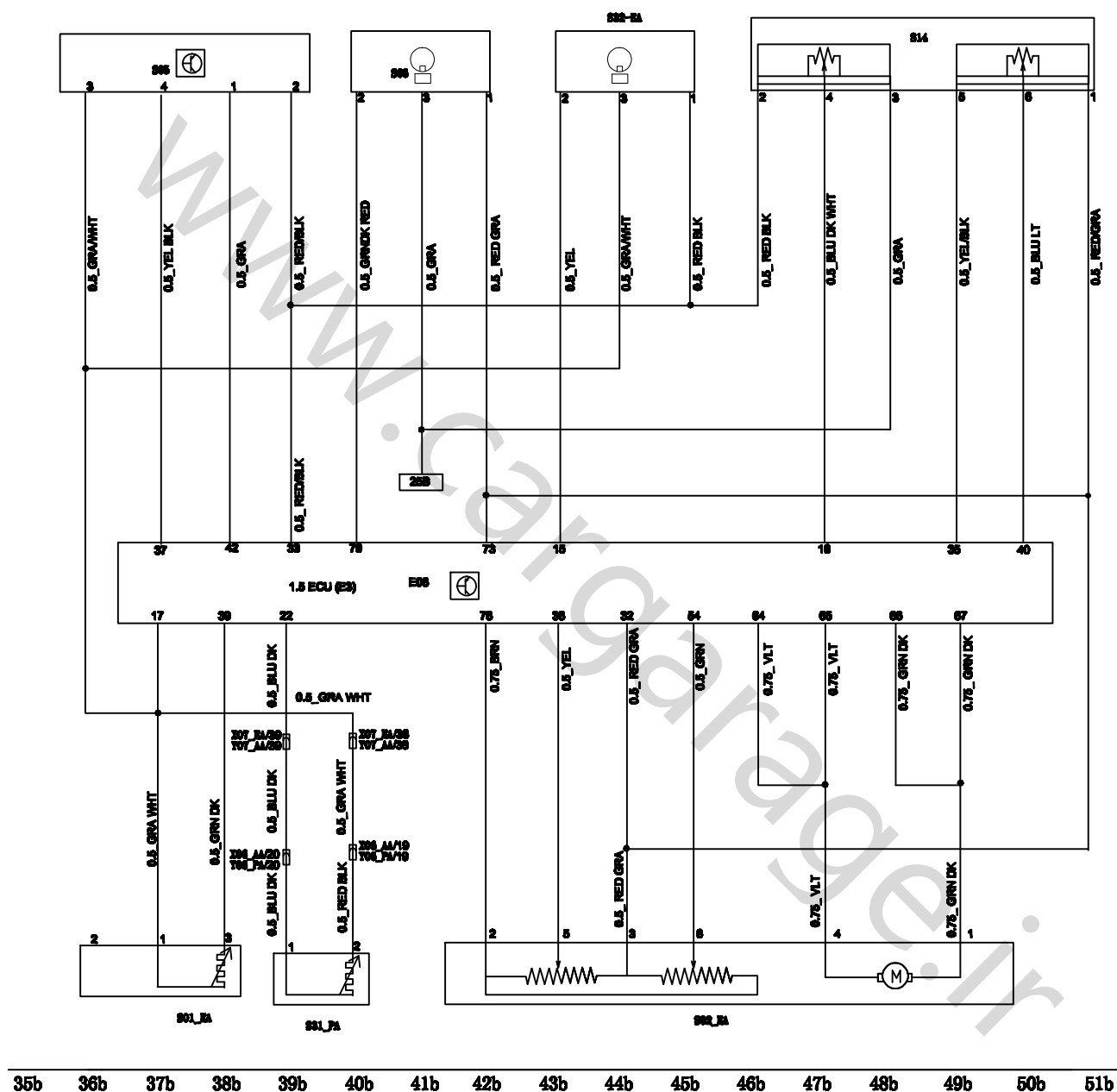
BM 1.5 EFI unit circuit diagram 2

BAT

IG1

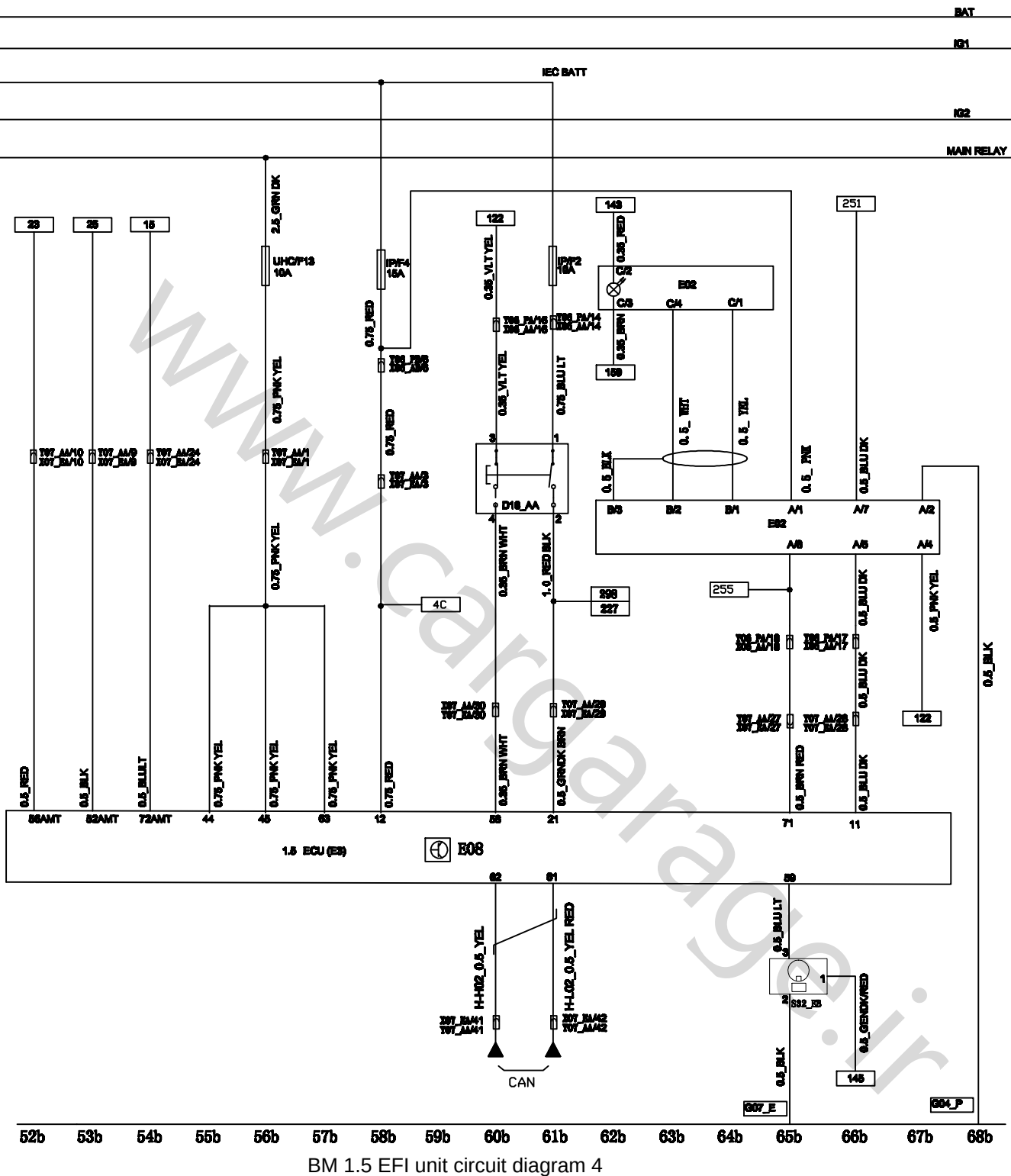
IG2

MAIN RELAY



BM 1.5 EFI unit circuit diagram 3

- 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



UHC-engine compartment fuse box

IP-dashboard fuse box

E08-engine ECU connector 81 holes black

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

X06 AA Y06 PA-dashboard splicing to engine compartment connector 20 holes

X06_AB Y06_PB-dash-board splicing to engine compartment connector 20 holes

S32_EB-speed sensor connector 3 holes black(use for basic)

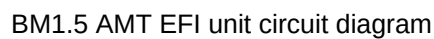
G04_P-ground point on right pillar-A

G07_E-EFI ground point 1 on right shock absorber

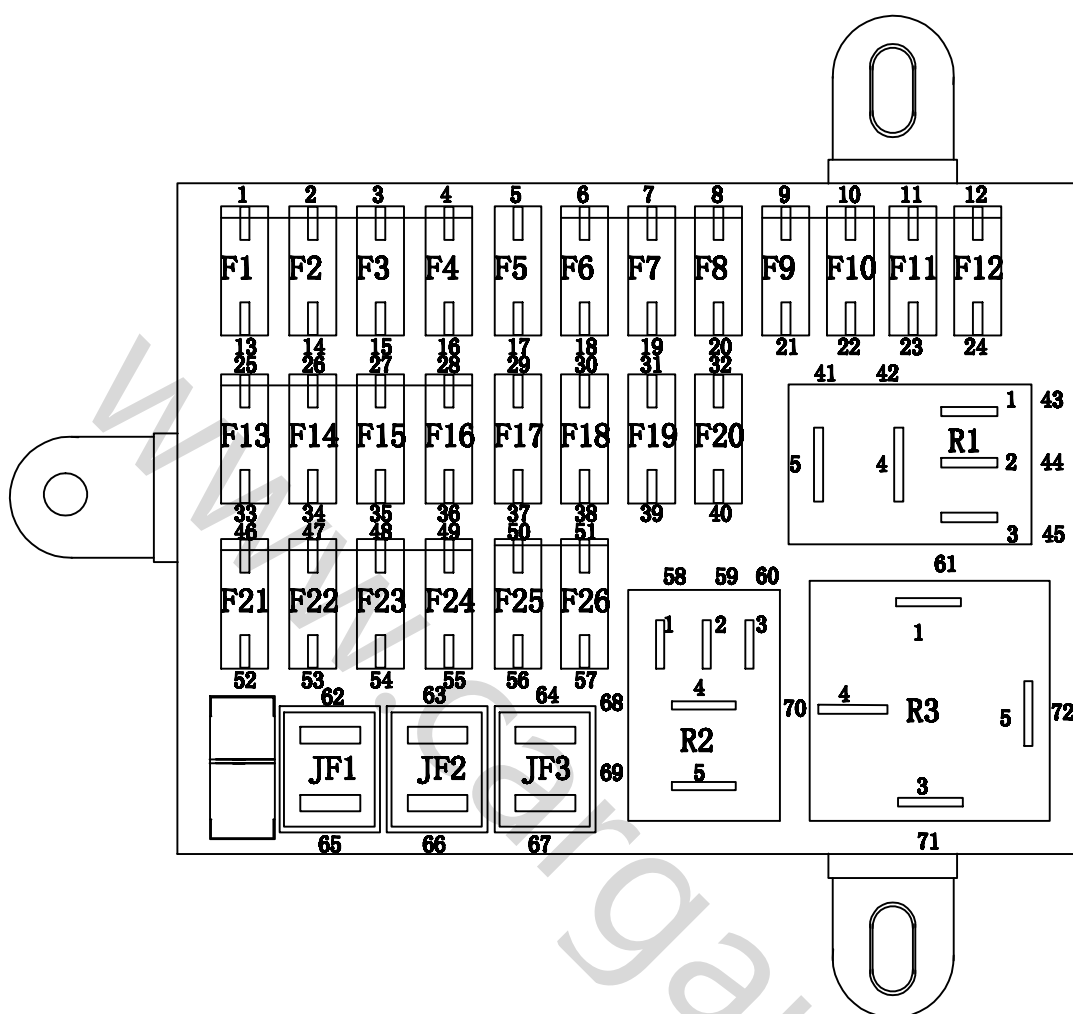
E02_PA-anti-theft ECU connector 8 holes black

E02_PB-anti-theft ECU coil connector 3 l

E02 PC-anti-theft coil connector 2 hole

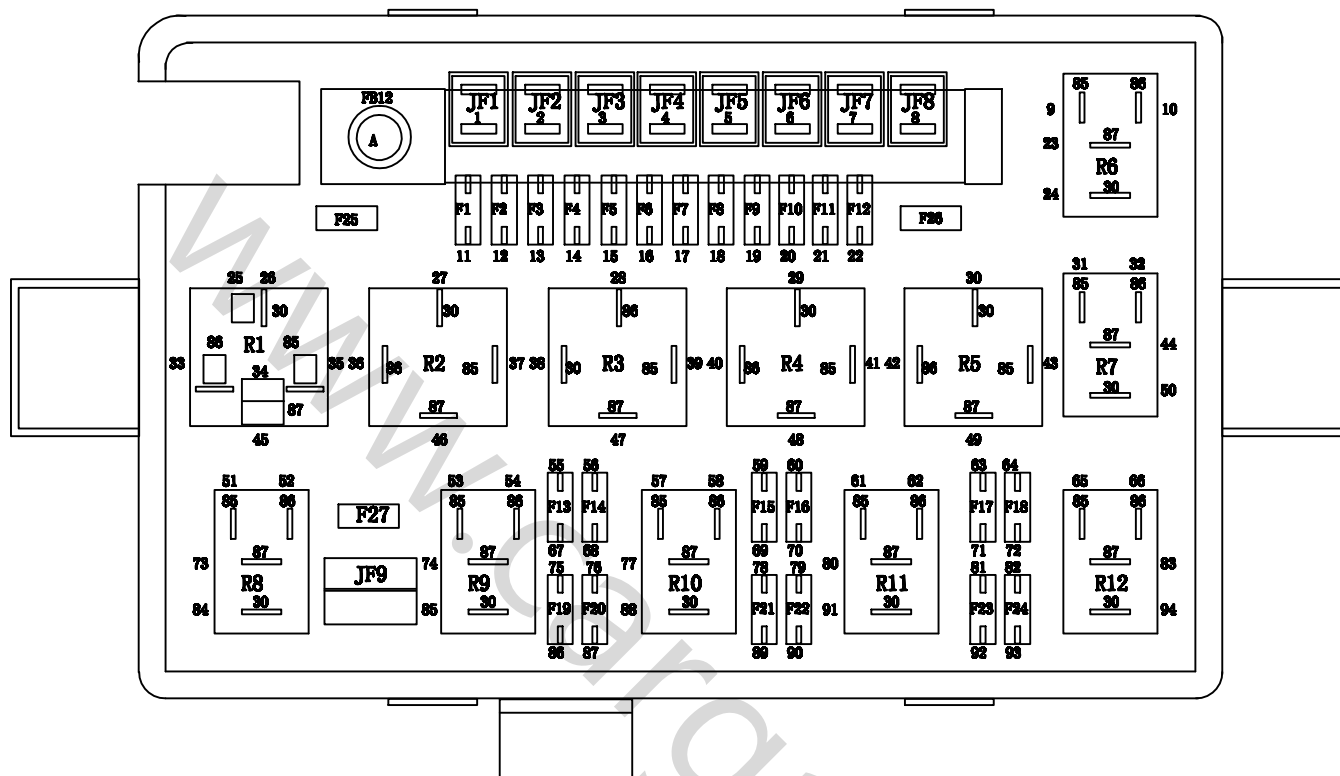


G11_E-ground point on AMT



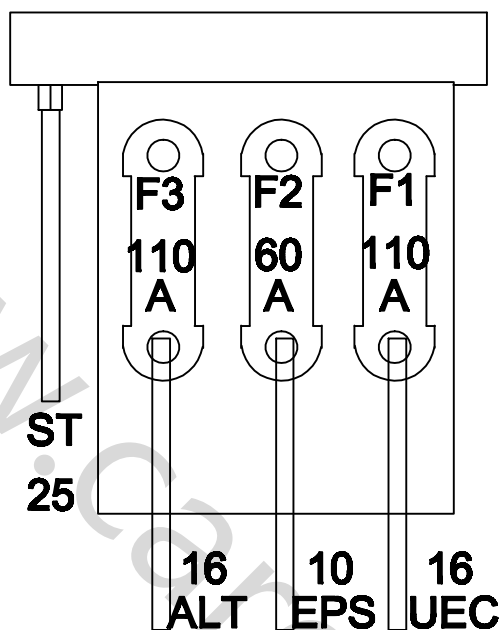
Instruction diagram for cockpit fuse box

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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