

## Description of Lead Wire Color

Wire Color	Code	Wire Color	Code
Black	B	Orange	O
Blue	L	Pink	P
Brown	Br	Red	R
Green	G	Violet	V
Grey	Gr	Yellow	Y
Light green	Lg	White	W

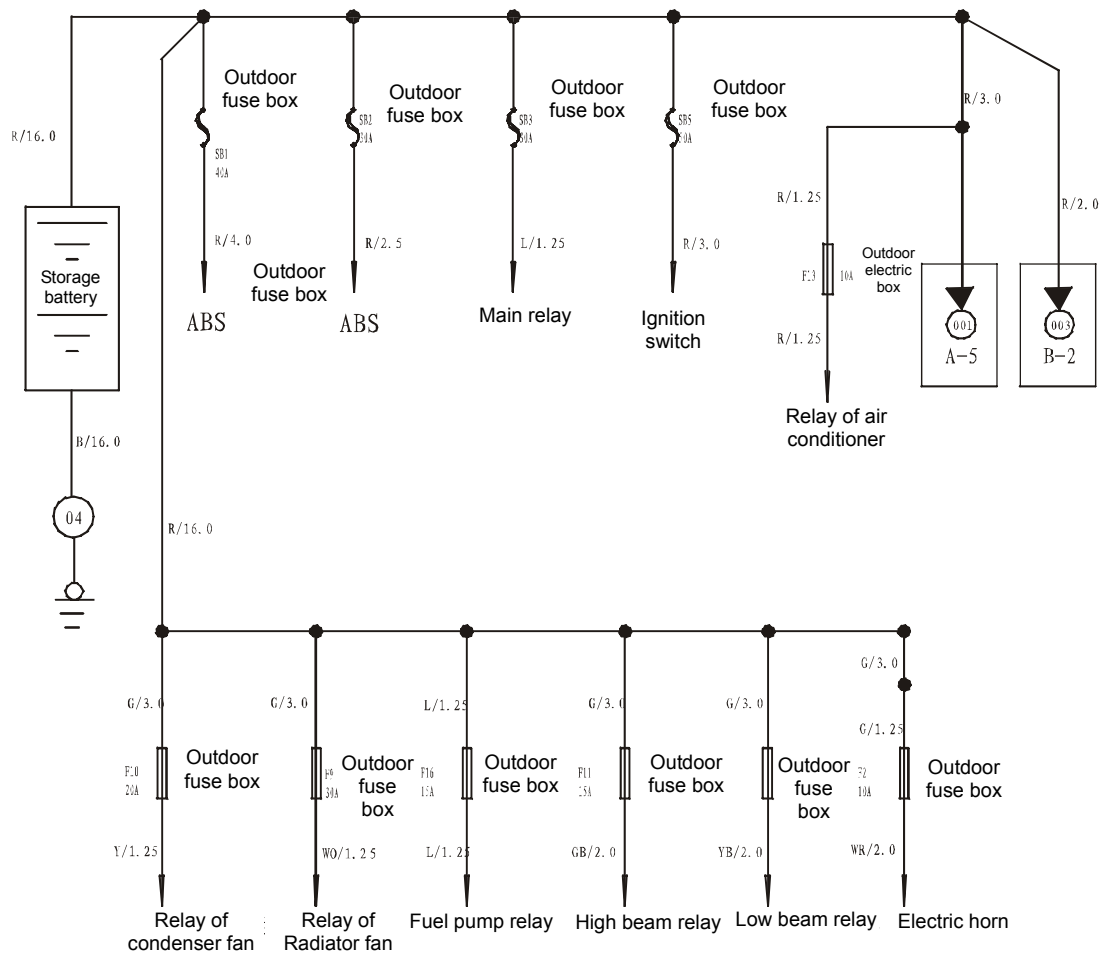
## Wire Harness Identification Mark

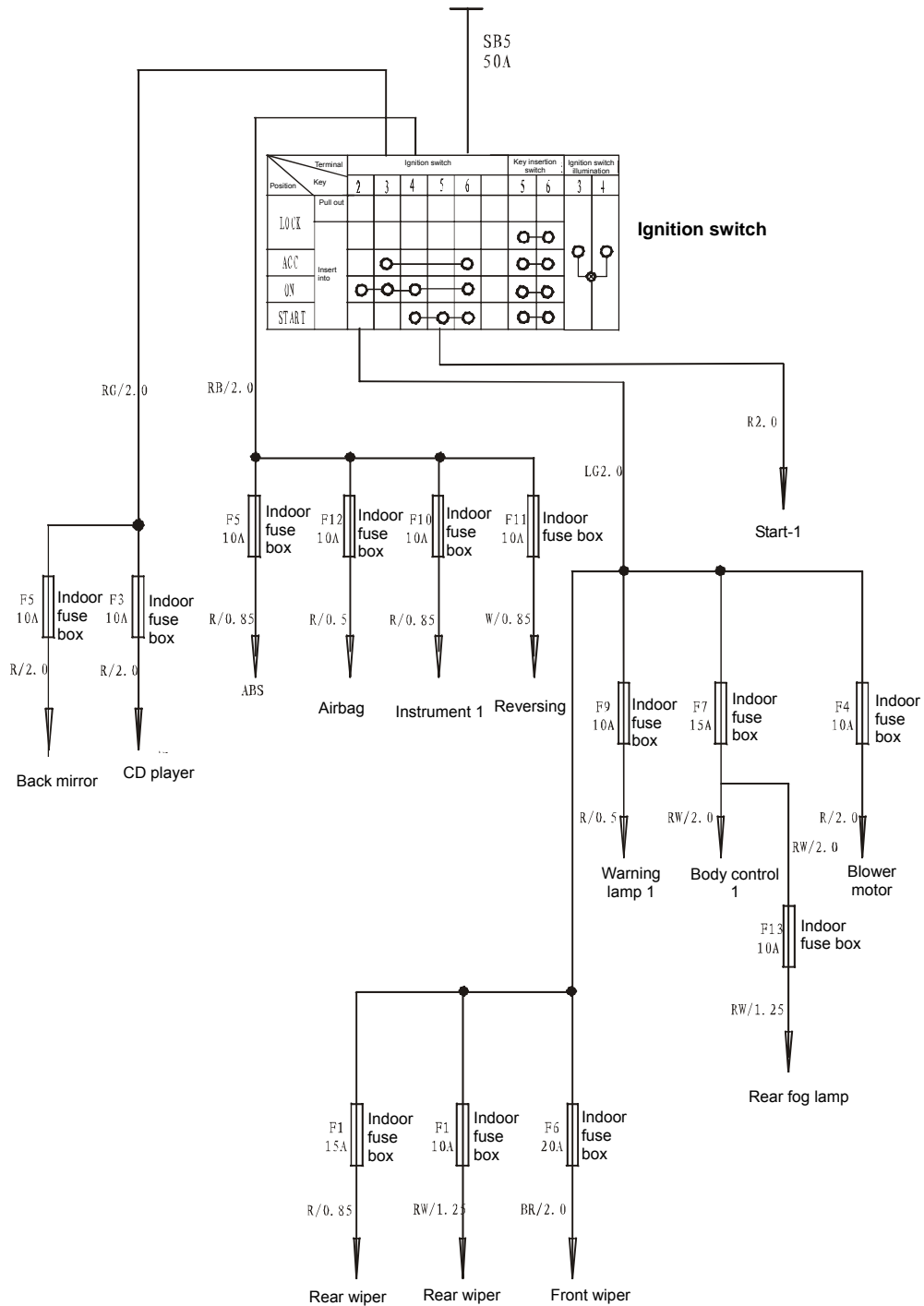
The wire harnesses are classified into the following types in accordance with the positions of the lead wires:

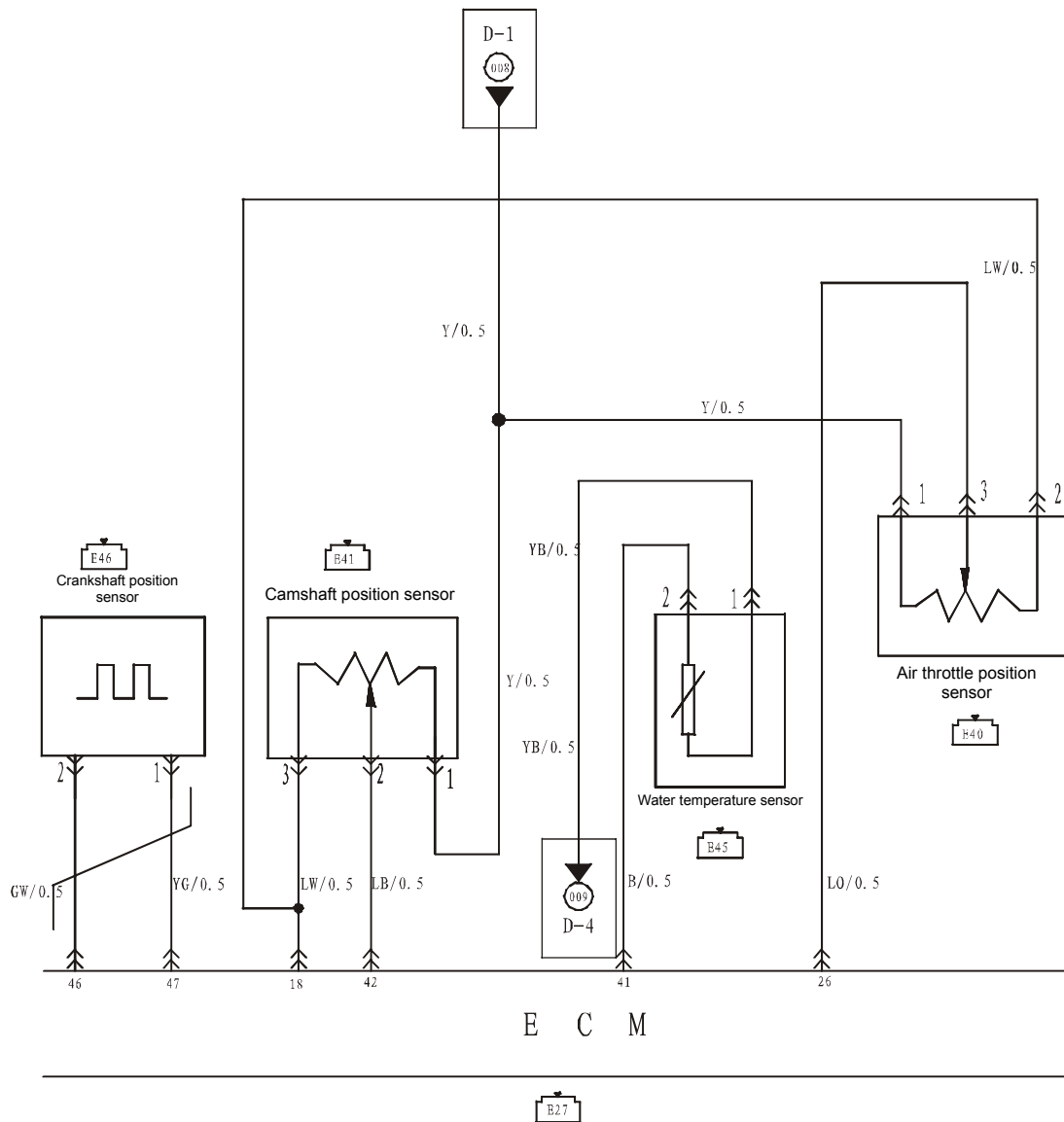
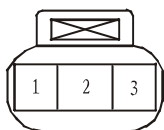
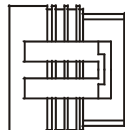
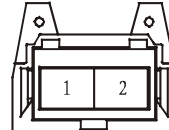
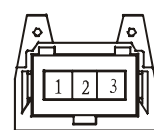
Wire Harness Name	Connector Code
Main wire harness	M
Airbag wire harness, ABS module wire harness and air conditioner wire harness	A
Engine cabin wire harness and power supply wire harness	E
Control wire harness	E
Frame wire harness	F
Left/right front door wire harnesses	D
Left/right rear door wire harnesses	D
Tail door wire harness	R
Ceiling wire harness	R
Radar sensor wire harness	F
Rear defrost wire harness	R

The circuits of complete vehicle are differentiated with following paging codes by system function:

System Function	Paging Code
Power distribution system	A
Starting and charging system	B
Window elevating and horn part	K
Engine ECM system	D
Reversing radar	E
ACC system	F
Lighting	G
BCM system	H
Power rear-view mirror	I
Sunroof system	J
Combined switch and wiper	K
Airbag	L
Diagnostic system	M
ABS	N
Air conditioning system	O
Instrument system	P
Anti-theft system	Q

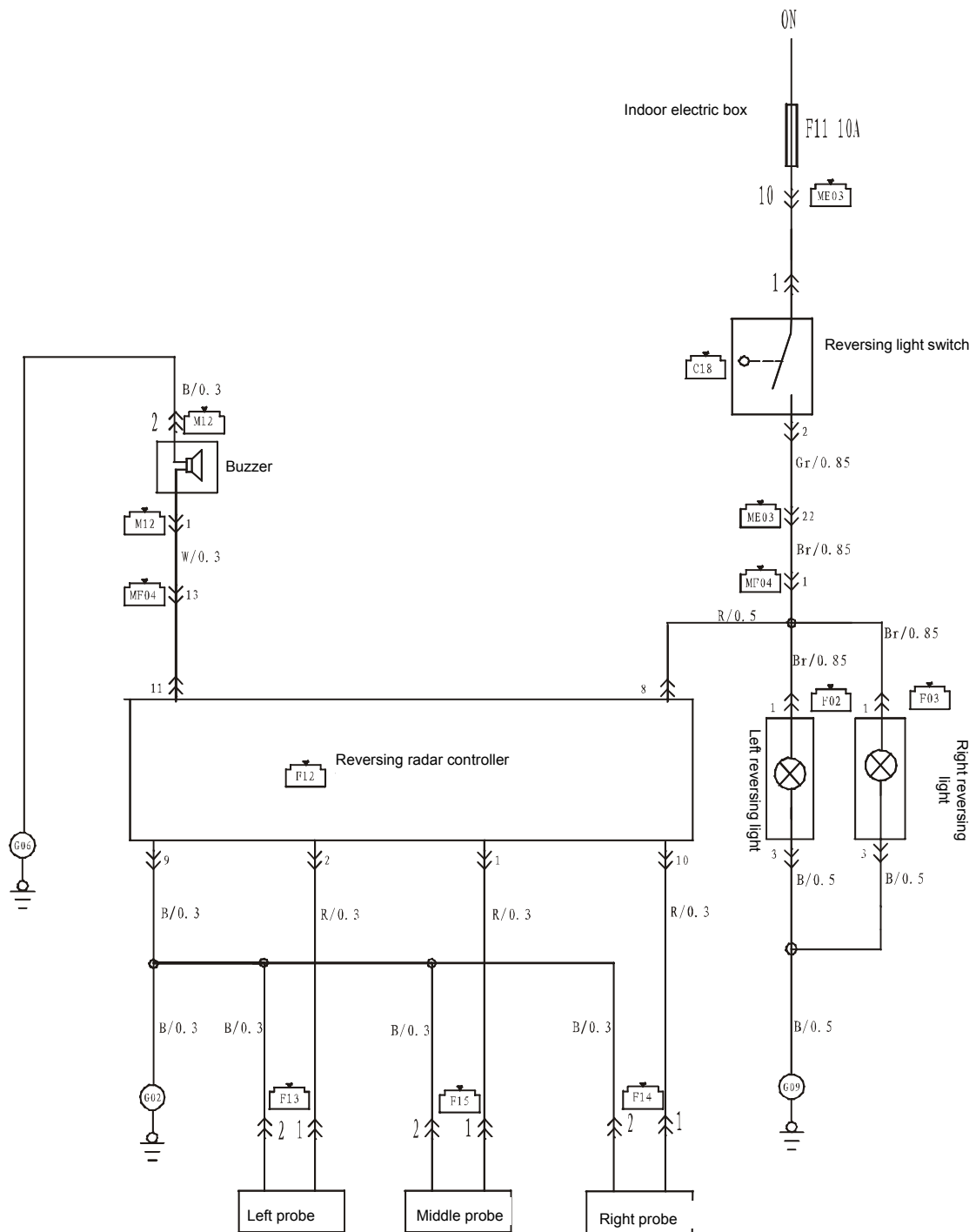
**Power Distribution System - Outdoor Fuse Box**
**A-2**


**Power Distribution System - Indoor Fuse Box**
**A-4**


**ECM System 3 of Engine - Air Throttle Position, Water Temperature, Crankshaft Position, Camshaft Position Sensors**
**D-3**

**E46 Crankshaft position sensor**

**E41 Camshaft position sensor**

**E45 Water temperature sensor**

**E40 Air throttle position sensor**


### Reversing System

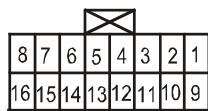
E-1



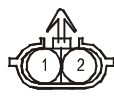
C18  
Reversing  
light switch



F12 Reversing  
radar controller



F13 (Left) F14  
(Right) F15  
(Middle)



M12  
Buzzer



F02 Left rear  
combination  
light

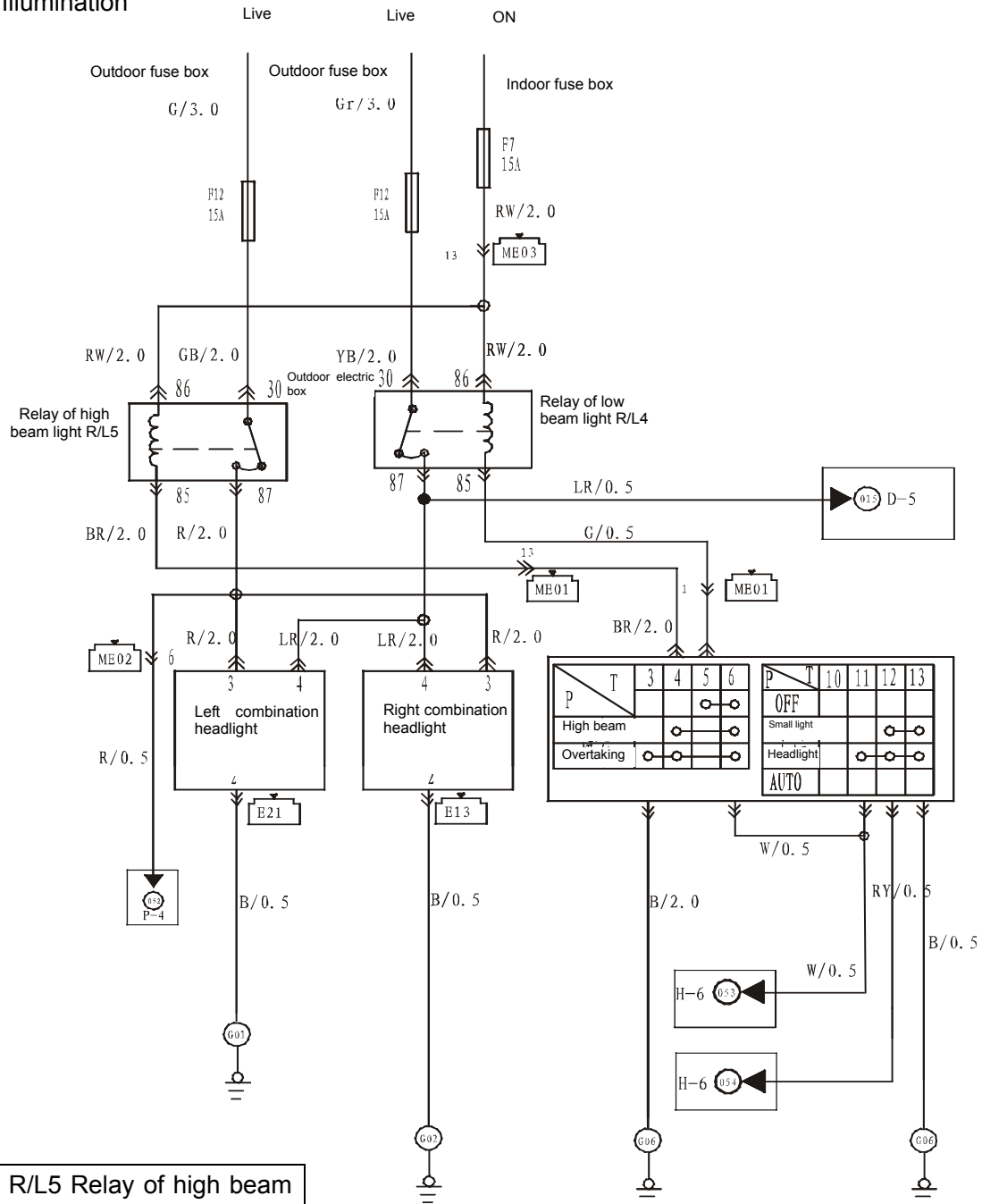


F03 Right rear  
combination  
light

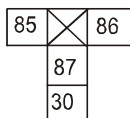


### Light Illumination

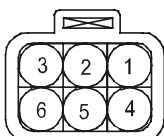
G-6



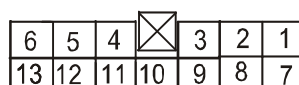
R/L4, R/L5 Relay of high beam light and low beam light



E21 Left combination headlight  
E13 Right combination headlight



M13 Combination light switch



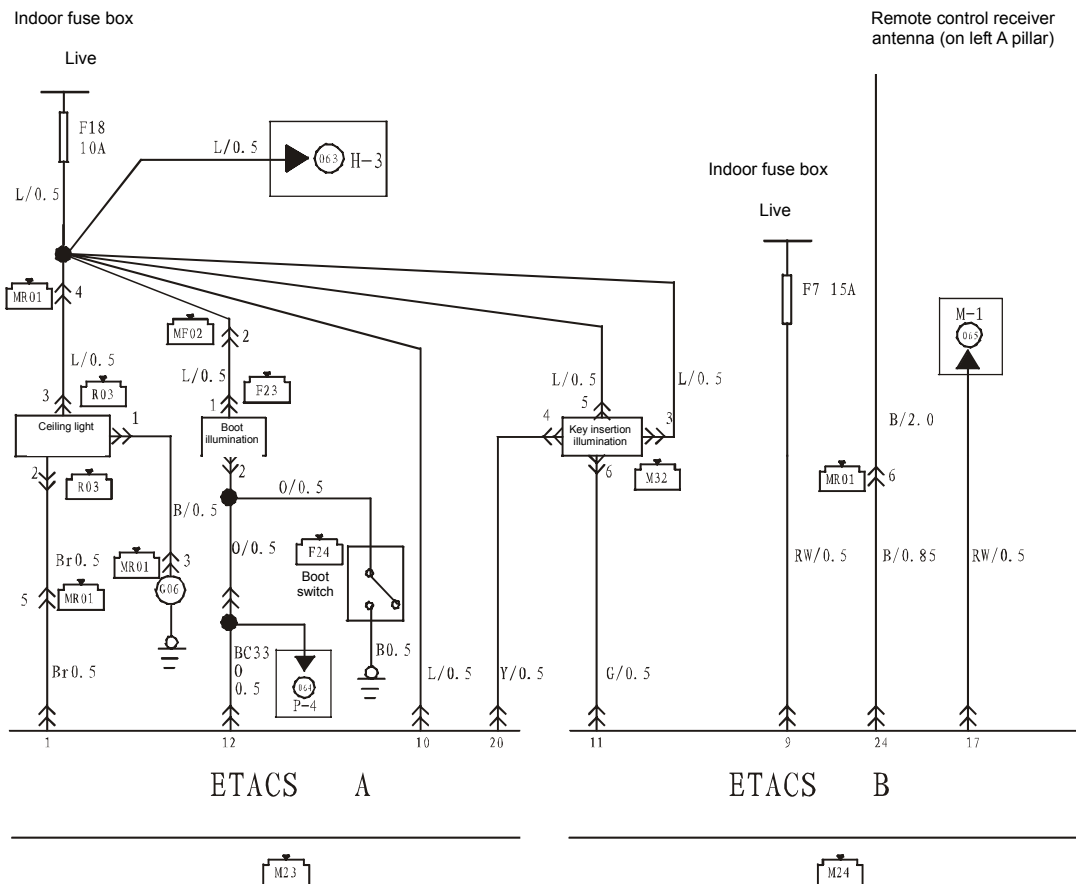
M18, M19 Combination instrument





### BCM System - Ceiling Light, Key Insertion Illumination, Boot Illumination

H-4



M23 ETACS A white

9	8	7	6	5	4	3	2	1
18	17	16	15	14	13	12	11	10
24	23	22				21	20	19

M24 ETACS B grey

9	8	7	6	5	4	3	2	1
18	17	16	15	14	13	12	11	10
24	23	22				21	20	19

F24 Boot switch

①

MR01 Connector of main harness and ceiling harness

3	2		1
8	7	6	5

F23 Boot illumination

①

R03 Ceiling light

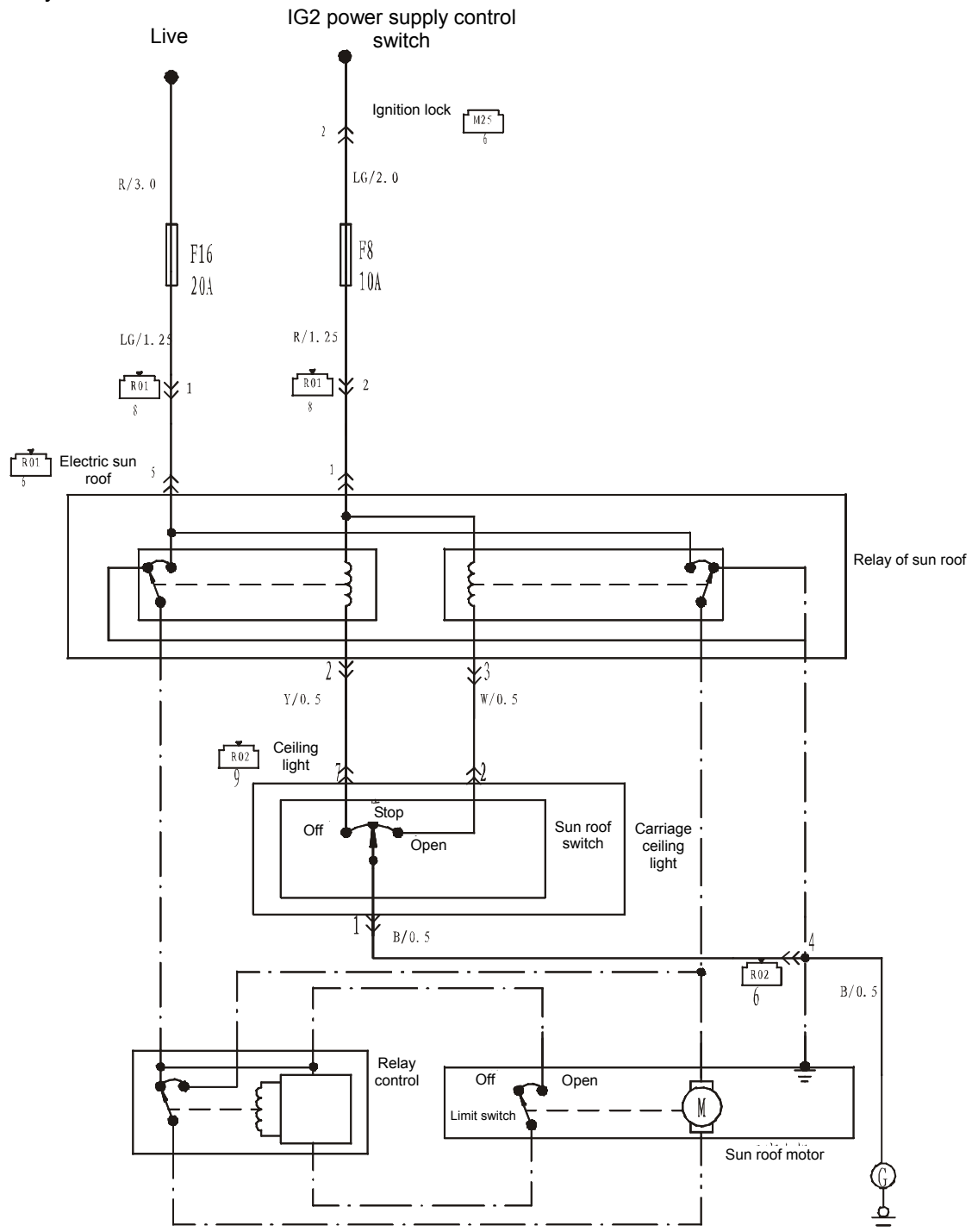
3	2	1

M32 Key insertion illumination

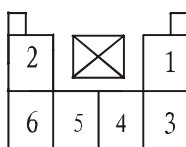
2		1
6	5	4

### Sun Roof System

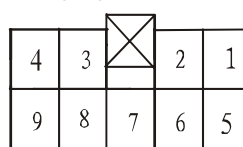
J-1



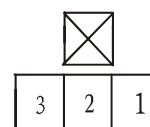
R01 Sun roof switch

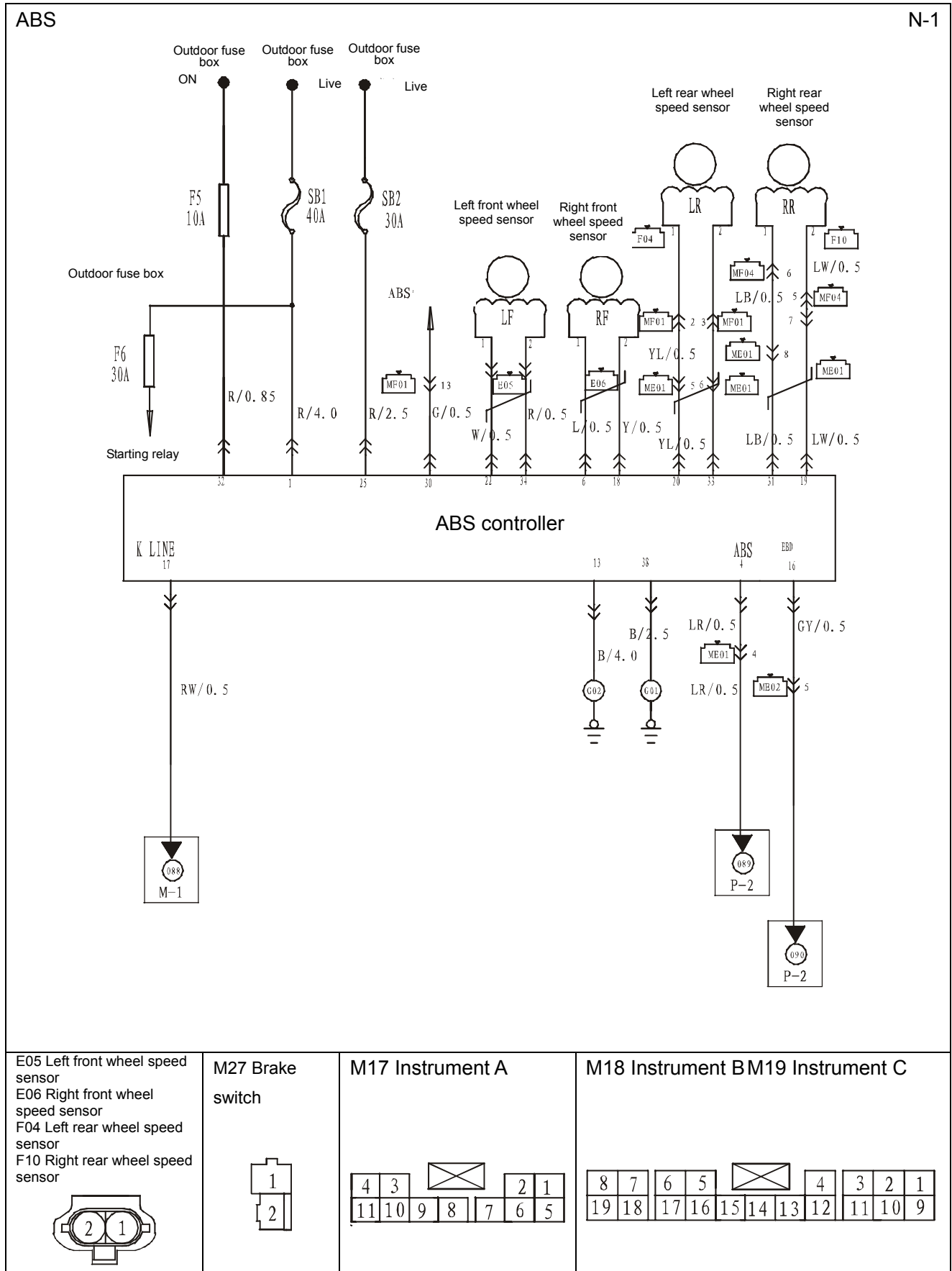


R02 Ceiling light (with sun roof)



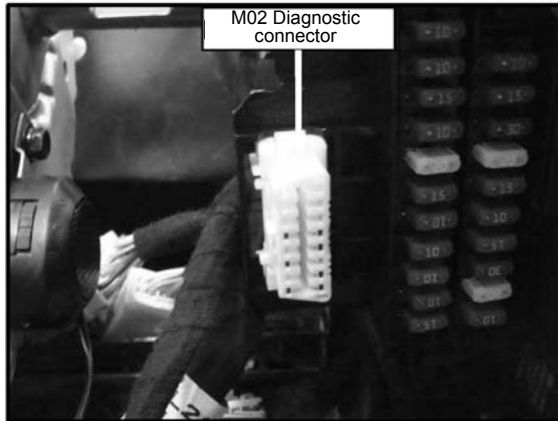
R03 Ceiling light (without sun roof)



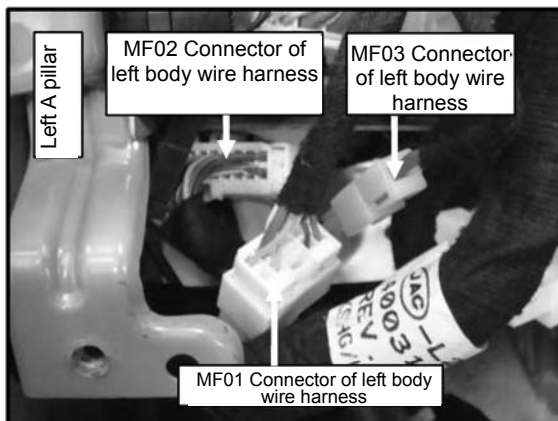


## Main Wire Harness

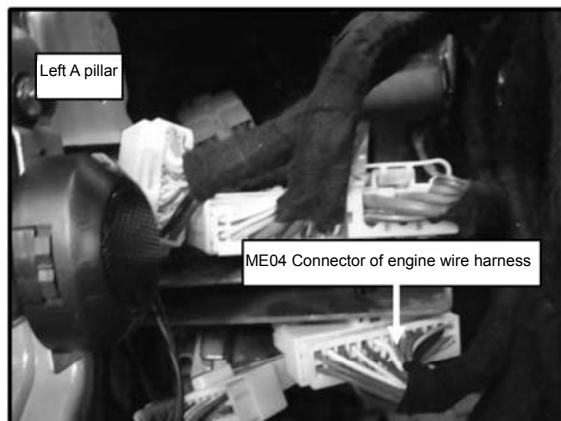
Main wire harness (1)



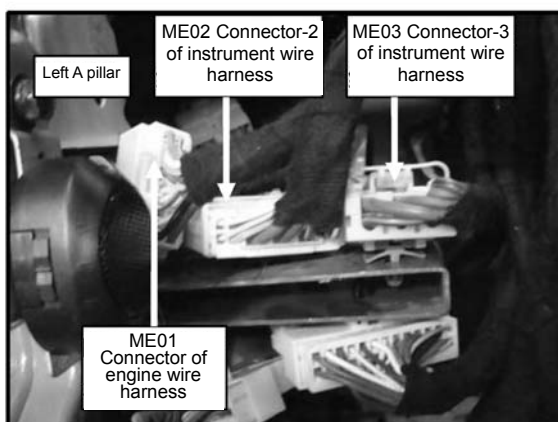
**M02**



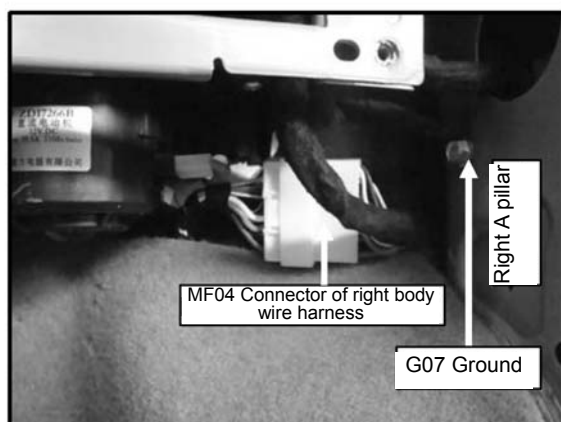
**MF01 MF02 MF03**



**ME04**

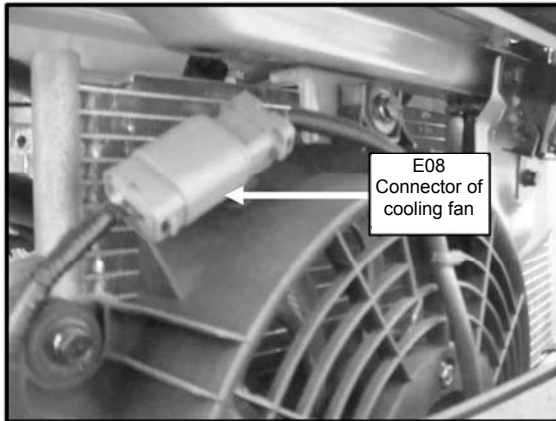
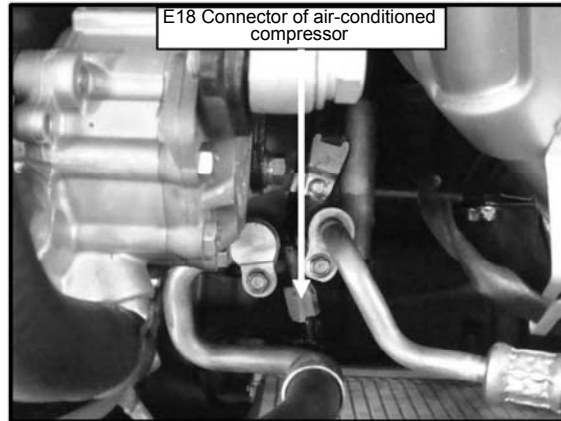
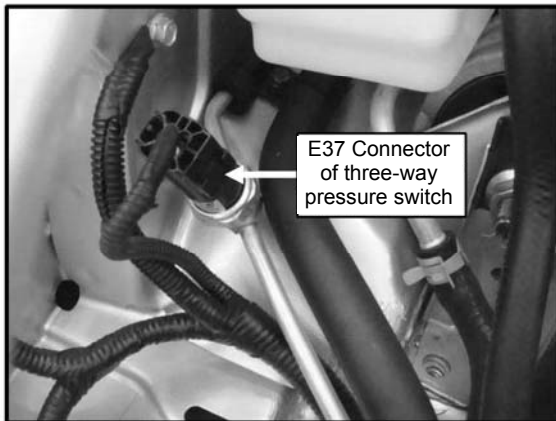
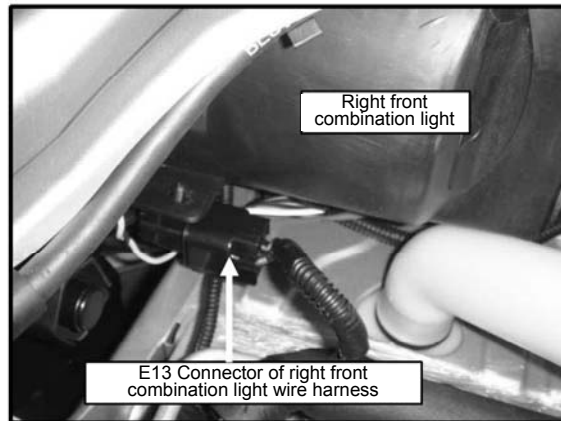
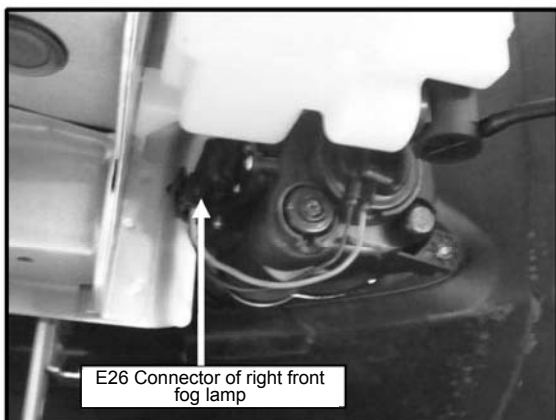
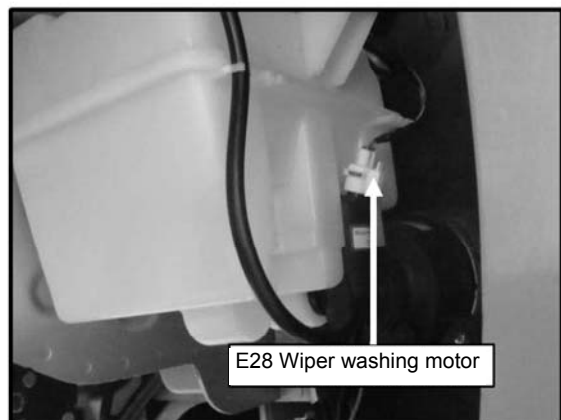


**ME01 ME02 ME03**

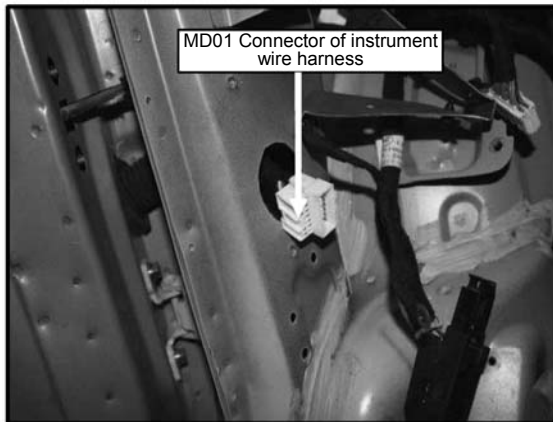


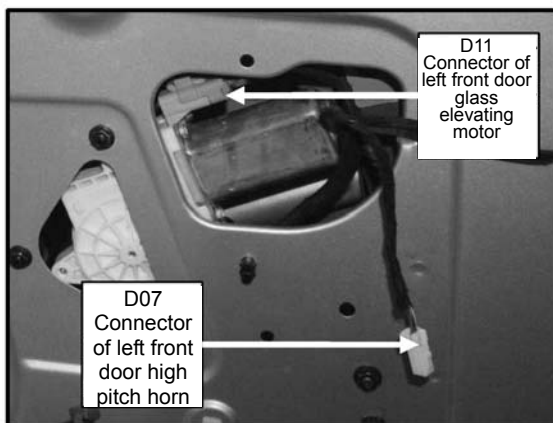
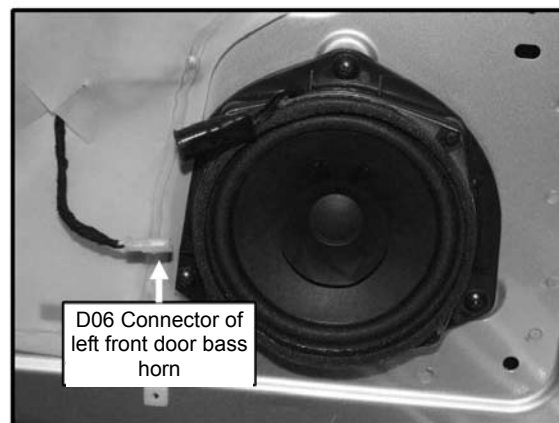
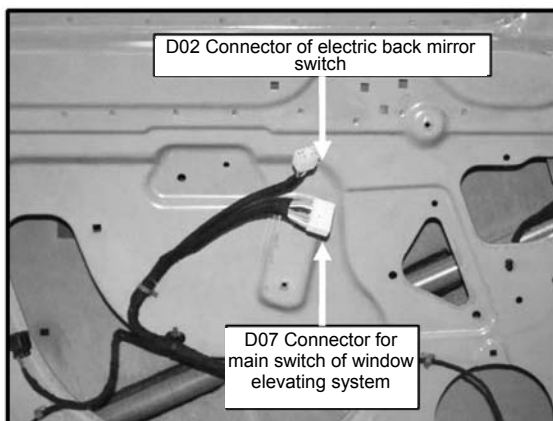
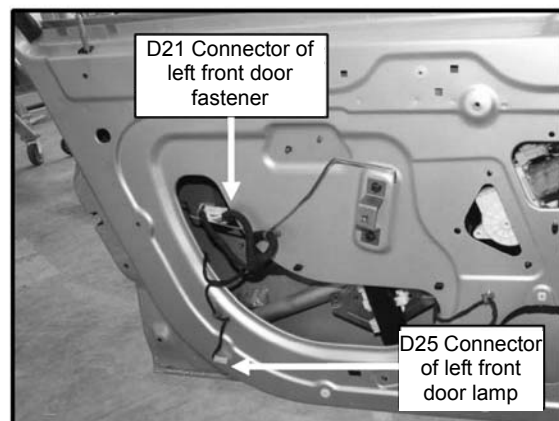
**MF04 G07**

### Engine compartment wire harness II (3)

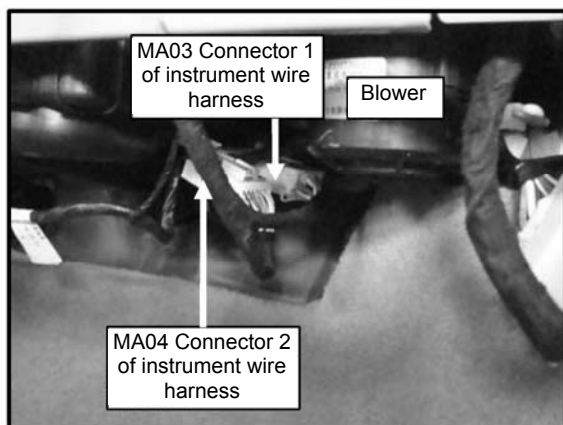

**E08**

**E18**

**E37**

**E13**

**E26**

**E28**

## Left Front Door Wire Harness

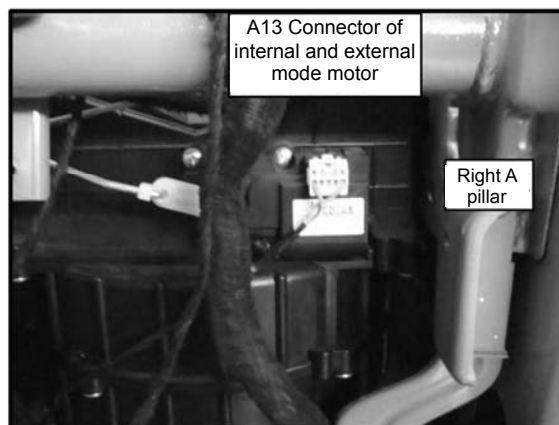

**MD01**

**D03**

**D11 D07**

**D06**

**D07 D02**

**D25 D21**

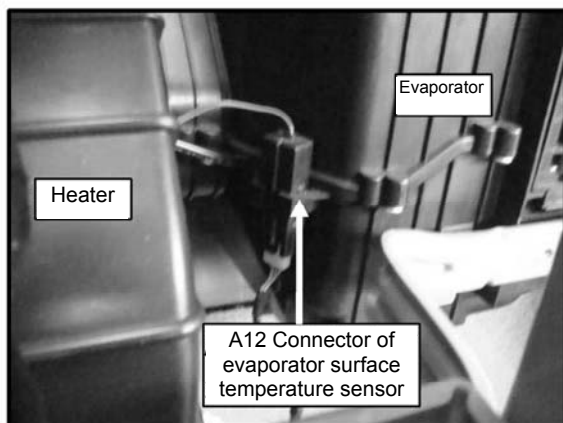
## Air Conditioner Wire Harness



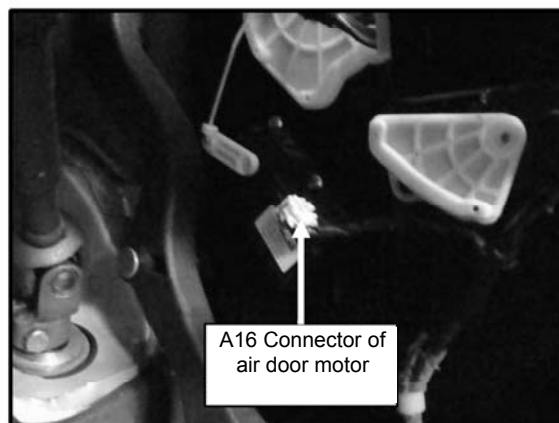
MA03 MA04



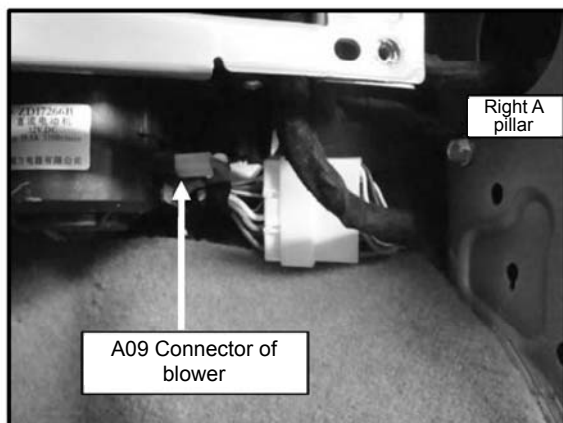
A13



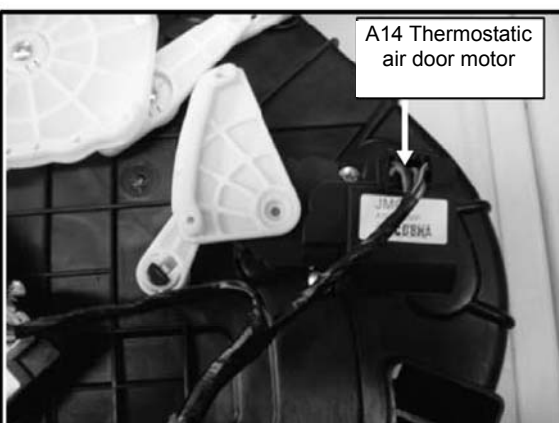
A12



A16



A09



A14